ASUW SHELL HOUSE RENOVATION

UNIVERSITY OF WASHINGTON
3655 WALLA WALLA
ROAD NE
SEATTLE, WA 98195

SEATTLE LANDMARKS
CERTIFICATE OF APPROVAL
DRAWING SET
7/23/2025

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
Seattle, WA 98101 / 206.623.3344

SAN FRANCISCO / 585 Howard Street, #300
San Francisco, CA 94105 / 415.956.0688

LOS ANGELES / 5837 Adams Blvd
Culver City, CA 90232 / 323.937.2150

mithun.com

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UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

ORIGINAL SHEET SIZE 30" x 42"

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UNIVERSITY OF WASHINGTON
ASUW SHELL HOUSE RENOVATION

UW PROJECT NO. 206756

SHEET INDEX - CD

Sheet No.	Sheet Name
GENERAL	
G0.00	COVER
G1.01	PROJECT INFO AND INDEX
G1.02	ABBREVIATIONS AND LEGENDS
G2.01	LAND USE CODE SUMMARY
G2.02	LANDUSE INFORMATION & DIAGRAMS
G2.03	ZONING - UW DEVELOPMENT STANDARDS
G2.04	ZONING - FICM DIAGRAM AND CALCULATIONS
G2.05	LAND USE DIAGRAMS
G2.10	LANDUSE PRE-SUBMITTAL NOTES
G3.05	OCCUPANT LOAD DIAGRAMS
G3.08	EGRESS & LIFE SAFETY PLANS
G3.11	BUILDING PRE-SUBMITTAL NOTES
SURVEY	
1 OF 1	SURVEY
CIVIL	
C100	CIVIL COVER SHEET
C101	NOTES
C102	NOTES
C103	NOTES
C200	CSC PLAN NORTH
C201	CSC PLAN SOUTH
C202	CSC DETAILS
C300	DEMOLITION PLAN NORTH
C301	DEMOLITION PLAN SOUTH
C400	SITE PAVING PLAN NORTH
C401	SITE PAVING PLAN SOUTH
C402	SITE PAVING DETAILS
C403	SITE PROFILES
C500	GRADING PLAN NORTH
C501	GRADING PLAN SOUTH
C502	GRADING ENLARGEMENTS
C700	OSM PLAN
C701	DRAINAGE AND UTILITY PLAN NORTH
C702	DRAINAGE AND UTILITY PLAN SOUTH
C703	WATER AND SANITARY PLAN NORTH
C704	WATER AND SANITARY PLAN SOUTH
C705	DRAINAGE AND UTILITY DETAILS
C706	DRAINAGE AND UTILITY DETAILS
C707	BIORETENTION DETAILS
C708	SANITARY PROFILES
C709	WATER PROFILE
C710	STORM PROFILES
LANDSCAPE ARCHITECTURAL	
L0.01	OVERALL SITE PLAN
L0.02	TREE RETENTION PLAN
L0.03	EXISTING TREE SCHEDULES
L0.04	EXISTING SITE CONDITIONS
L1.00	FIRE ACCESS DIAGRAM
L1.01	SITE MATERIALS PLAN
L2.00	JOINTING AND SITE ELEMENT LAYOUT PLAN
L4.00	SITE SECTIONS
L4.01	SITE SECTIONS
L4.10	SITE DETAILS
L4.11	SITE DETAILS
L4.12	SITE DETAILS
L4.13	UTILITY & TRASH ENCLOSURE DETAILS
L5.00	PLANTING PLAN
L5.01	SOILS PLAN
L5.02	MASTER PLANTING SCHEDULE
L5.03	PLANTING DETAILS
L6.00	IRRIGATION PLAN
L6.01	IRRIGATION DETAILS
L6.02	IRRIGATION DETAILS
ARCHITECTURAL EXISTING	
AE2.01	EXISTING FLOOR PLANS
AE2.09	EXISTING ROOF PLAN
AE3.01	EXISTING ELEVATIONS
AE3.10	EXISTING SECTIONS
AE7.01	EXISTING REFLECTED CEILING PLANS
ARCHITECTURAL DEMO	
AD2.01	DEMO FLOOR PLANS
AD2.09	DEMO ROOF PLAN
AD3.01	DEMO ELEVATIONS
AD7.01	DEMO RCP
ARCHITECTURAL	
A2.01	FLOOR PLANS
A2.09	ROOF PLAN
A3.01	EXTERIOR ELEVATION
A3.11	BUILDING SECTION
A4.01	WALL SECTIONS
A4.02	WALL SECTIONS
A4.03	WALL SECTIONS
A5.01	EXTERIOR ASSEMBLIES & FLOOR ASSEMBLIES
A5.05	EXTERIOR DETAILS - FOUNDATIONS
A5.10	EXTERIOR DETAILS - WALLS
A5.15	EXTERIOR DETAILS - OPENINGS
A5.20	EXTERIOR DETAILS - FENESTRATION
A5.21	EXTERIOR DETAILS - HANGAR DOORS
A5.30	EXTERIOR DETAILS - ROOFS
A6.01	STAIR & ELEVATOR PLANS & SECTIONS
A6.30	VERTICAL CIRCULATION DETAILS
A7.01	REFLECTED CEILING PLAN
A8.01	ENLARGED PLANS
A8.06	FINISH PLAN
A8.31	INTERIOR ELEVATIONS - POCOCK SHOP
A8.32	INTERIOR ELEVATIONS - POCOCK SHOP
A8.33	INTERIOR ELEVATIONS - EVENT SPACE
A8.34	INTERIOR ELEVATIONS - EVENT SPACE
A9.01	PARTITION & CEILING TYPES
A9.10	CODE SIGNAGE
A9.20	INTERIOR DETAILS - MEZZANINE
A10.01	SCHEDULES

SHEET INDEX - CD

Sheet No.	Sheet Name
STRUCTURAL	
S1.01	GENERAL STRUCTURAL NOTES
S1.02	GENERAL STRUCTURAL NOTES
S1.03	GENERAL STRUCTURAL NOTES
S2.01	FOUNDATION AND MEZZANINE FRAMING PLANS
S2.02	LOFT/TRUSS BOTTOM CHORD AND ROOF FRAMING PLANS
S3.01	TYPICAL CONCRETE DETAILS
S3.02	CONCRETE DETAILS
S3.03	FOOTING DETAILS
S3.04	FOOTING DETAILS
S3.05	SITE DETAILS
S5.01	STEEL & ELEVATOR DETAILS
S6.01	TYPICAL WOOD DETAILS
S6.02	NEW MEZZANINE DETAILS
S6.03	EX MEZZANINE & ROOF DETAILS
S6.04	EX TRUSS DETAILS
S6.05	EX TRUSS DETAILS
S6.06	EX TRUSS DETAILS
S6.10	TRUSS ELEVATIONS
S6.11	TRUSS ELEVATIONS
S6.12	TRUSS ELEVATIONS
S6.13	TRUSS ELEVATIONS
S6.14	EXTERIOR ELEVATIONS
MECHANICAL	
M0.01	GENERAL MECHANICAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
M0.02	MECHANICAL NOTES
M0.03	ACOUSTIC REPORT
M2.21	MECHANICAL PLANS - LEVEL 01
M2.22	MECHANICAL PLANS - MEZZANINE
M2.23	MECHANICAL PLANS - ROOF
M3.11	MECHANICAL SECTIONS & ISOMETRICS
M3.12	MECHANICAL SECTIONS & ISOMETRICS
M3.13	MECHANICAL SECTIONS & ISOMETRICS
M4.11	ENLARGED MECHANICAL PLAN
M5.01	MECHANICAL DETAILS
M5.02	MECHANICAL DETAILS
M6.01	MECHANICAL SCHEDULES
M8.01	MECHANICAL CONTROLS
M8.02	MECHANICAL CONTROLS
PLUMBING	
P0.01	GENERAL PLUMBING NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
P0.02	PLUMBING NOTES AND CODE INFO
P2.20	PLUMBING PLANS - FOUNDATION
P2.21	PLUMBING PLANS - LEVEL 01
P2.22	PLUMBING PLANS - MEZZANINE
P3.11	PLUMBING ENLARGED PLANS
P3.12	PLUMBING ENLARGED PLANS
P4.11	PLUMBING ISOMETRICS
P5.01	PLUMBING DETAILS
P6.01	PLUMBING SCHEDULES
P7.01	PLUMBING DIAGRAMS
P7.02	PLUMBING DIAGRAMS
P7.03	PLUMBING DIAGRAMS
FIRE PROTECTION	
FP1.01	FIRE SPRINKLER PLANS
ELECTRICAL	
E0.01	COVER SHEET AND GENERAL INFORMATION
E0.02	GENERAL ELECTRICAL NOTES
E0.03	LUMINAIRE SCHEDULE
E0.04	SEATTLE ENERGY CODE FORMS
E1.01	ELECTRICAL SITE PLAN
E1.02	LIGHTING SITE PLAN
E2.01	LIGHTING PLANS
E3.01	POWER PLANS
E5.01	ONE-LINE DIAGRAM
E6.01	PANEL SCHEDULES
E7.01	DETAILS
LIGHTING	
EL0.00	LIGHTING LEGEND AND ABBREVIATIONS
ELD1.01	LIGHTING DEMOLITION PLANS
EL0.01	LIGHTING SITE PLAN - BASE DESIGN
EL0.02	LIGHTING SITE PLAN - VALUE ADD
EL1.01	LIGHTING PLANS - BASE DESIGN
EL2.01	LIGHTING PLANS - VALUE ADD
EL3.00	LIGHTING SECTION VIEWS
EL5.01	SITE LIGHTING ILLUMINANCE CALCULATIONS
EL5.02	INTERIOR LIGHTING ILLUMINANCE CALCULATIONS
EL6.00	LIGHTING SHEDULES

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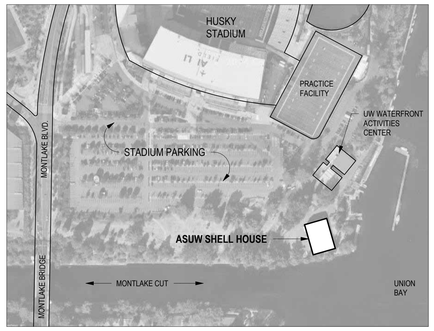
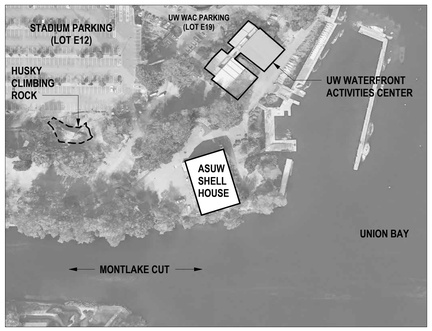


VICINITY MAP
NTS



LOCATION MAP
NTS

GENERAL NOTES

1. DO NOT SCALE DRAWINGS. WRITTEN DIMENSIONS TAKE PRECEDENCE.
2. DRAWINGS HAVE BEEN PREPARED ON AN ORIGINAL SHEET SIZE OF 30" x 42".
3. HORIZONTAL DIMENSIONS SHOWN INDICATE FACE OF (F.O.) CONCRETE, F.O. FINISH OR CENTERLINE OF COLUMN GRIDLINE, UNLESS OTHERWISE NOTED. VERTICAL DIMENSIONS INDICATE TOP OF (T.O.) SLAB, T.O. SUBFLOOR, UNLESS OTHERWISE NOTED.
4. CRITICAL CLEARANCES ARE DESIGNATED "CLEAR", "CLR" AND ARE TO FINISH FACE OF PARTITION.
5. WHERE PARTITIONS AND WALLS OF DIFFERING WIDTHS ARE CONTINUOUS AND WHERE THE PLANS DO NOT INDICATE WHICH SURFACE TAKES PRECEDENCE FOR ALIGNMENT, CONTACT ARCHITECT FOR CLARIFICATION PRIOR TO LAYOUT.
6. INFORMATION REGARDING EXISTING CONDITIONS USED TO PREPARE THESE DRAWINGS HAS BEEN PROVIDED BY OTHERS.
7. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS, DATUM, LEVELS AND CONDITIONS PERTAINING TO THE WORK PRIOR TO COMMENCING CONSTRUCTION. PROVIDE WRITTEN NOTIFICATION TO THE ARCHITECT OF ANY DISCREPANCIES WITH THE DOCUMENTS. THE ARCHITECT WILL ISSUE A WRITTEN DIRECTIVE IF FURTHER CLARIFICATION IS REQUIRED.
8. THESE DRAWINGS ARE THE EXCLUSIVE PROPERTY OF MITHUN, INC. AND HAVE BEEN PREPARED FOR USE IN THE EXECUTION OF THE ENCLOSED PROJECT. USE OR REPRODUCTION FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF MITHUN, INC. IS PROHIBITED.
9. NOTE THAT INSTITUTIONAL PROPERTY BOUNDARIES AND SETBACKS FOR THE UNIVERSITY OF WASHINGTON EXCEED THE LIMITS OF DRAWING SHEETS AND NOT ALL ARE SHOWN. REFER TO PARCEL INFORMATION.
10. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL."

DEMO NOTES

1. SECURE ALL OTHER PERMITS AS NEEDED BY ANY OTHER GOVERNING AUTHORITIES.
2. ALL HAZARDOUS WASTE SHALL BE REMOVED AND DISPOSED OF BY A STATE LICENSED HAZARDOUS MATERIAL REMOVAL CONTRACTOR.
3. SALVAGE ALL RECYCLABLE MATERIAL AND DELIVER TO THE APPROPRIATE RECYCLING VENUES.
4. DEMOLISH EXISTING PER PLAN AND PROPERLY DISPOSE OF ALL DEBRIS.
5. TERMINATE AND CAP ALL ABANDONED EXISTING UTILITIES, REROUTE EXISTING UTILITIES AFFECTED BY DEMO. UTILITES TO INCLUDE BUT NOT LIMITED TO: ELECTRICITY, DOMESTIC WATER, GAS, SEWER, STORM DRAIN, TELEPHONE.
6. WHERE STRUCTURES ARE TO BE REMOVED, PROTECT ALL ADJACENT EXISTING STRUCTURE AND FINISHES.
7. REPAIR, PATCH AND REFINISH ADJACENT STRUCTURE AFFECTED BY DEMOLITION.
8. PROTECT CITY SIDEWALK AND REPAIR ANY DAMAGES CAUSED BY THE DEMOLITION.
9. SALVAGE ALL AREAS OF NON-HAZARDOUS MATERIAL CONTAINING ORIGINAL 1X8 LAP SIDING FOR REUSE AS NOTED BELOW.
10. DEMOLISH EXISTING HVAC EQUIPMENT AND DUCTWORK U.N.O.
11. SELECTIVE SLAB DEMOLITION REQUIRED FOR NEW PLUMBING AND FOUNDATION ELEMENTS.
12. DRAWINGS ARE DIAGRAMMATIC IN NATURE. INFORMATION IS PROVIDED TO DESCRIBE GENERAL LOCATIONS, ASPECTS, AND AREA OF EXISTING BUILDING ELEMENTS. EXISTING CONDITIONS, DIMENSIONS, MATERIAL, AND QUANTITIES MUST BE VERIFIED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSIBLE FOR THE OVERALL AND LOCAL STABILITY (BOTH VERTICAL AND LATERAL) OF STRUCTURAL SYSTEMS DURING AND FOLLOWING DEMOLITION OF STRUCTURAL SYSTEMS AND ELEMENTS. SEE SECTIONS 024100 FOR TEMPORARY SHORING REQUIREMENTS.

DEFERRED SUBMITTAL LIST

1. FIRE ALARM / PROTECTION
2. SIDE SEWER PERMIT FOR TEMPORARY DEWATERING
3. ELECTRICAL PERMIT
4. LOW VOLTAGE AND COMMUNICATION PERMIT
5. PLUMBING PERMIT
6. FIRE SPRINKLER DESIGN
7. IRRIGATION
8. ELEVATOR PERMIT

PROJECT SYMBOLS

DETAIL CALLOUT TAG (1 / A10.01)
DETAIL SECTION TAG (1 / A10.01)
BUILDING/SITE SECTION TAG (1 / A10.01)
WALL SECTION TAG (1 / A10.01)
ELEVATION TAG (SIM 1 SIM / 1 A10.01 1 / 1 SIM)
GRID BUBBLE AND LINE (10.8)
BUILDING LEVEL INDICATOR (LEVEL NAME / ELEVATION)
DRAWING GRAPHIC SCALE (0, 2', 4', 8', 12' — 1/4" = 1'-0")
TRUE NORTH ARROW
AREA TAG (Area name / 150 SF)
SPOT ELEVATION INDICATOR (ELEVATION)
DOOR TAG (101B)
FINISH TAG (?)
FLOOR/ROOF TYPE TAG (F/R #)
WALL/PARTITION TYPE TAG (W/P #)
STOREFRONT/RELITE TYPE TAG (AA)
REVISION CLOUD TAG (1 / NOTE)
ROOM NAME AND NUMBER TAG (ROOM NAME / 101)
WINDOW TYPE TAG (A)
PANIC HARDWARE EQUIPPED DOOR

PROJECT SUMMARY

RENOVATION OF AN EXISTING 1918 HANGAR PREVIOUSLY USED BY UW AS A SHELL HOUSE FOR ITS STORIED ROWING PROGRAM. REVISIONS INCLUDE IMPROVEMENTS TO THE BUILDING EXTERIOR ENVELOPE AS WELL AS RECONFIGURATION OF SURROUNDING SITE ELEMENTS TO PROVIDE ACCESSIBLE PATHWAYS FOR THE VISITING PUBLIC AND UW MAINTENANCE WORKERS. THE PROJECT INCLUDES NO OVER-WATER WORK.

PROJECT ADDRESS

3655 WALLA WALLA ROAD
SEATTLE, WA 98195

COUNTY: KING

PARCEL INFORMATION

PARCEL NUMBER: 162504-9001
PERMITTING / PARCEL ADDRESS: 3900 MONTLAKE BLVD NE

LEGAL DESCRIPTION

THOSE PORTIONS OF GOVERNMENT LOTS 4 AND 5 LYING EAST OF MONTLAKE BLVD. NE. AND THAT PORTION OF BLOCK 8, LAKE WASHINGTON SHORELANDS SOUTH OF THE EAST-WEST EXTENSION OF CANAL ROAD AND EAST OF MONTLAKE BLVD NE, ALL IN SECTION 16, T25N, R4E, W.M.

PERMIT INFORMATION

PERMITTING AGENCY:
SEATTLE DEPARTMENT OF CONSTRUCTION AND INSPECTION (SDCI)
700 5TH AVE, SUITE 2000
P.O. BOX 34019
SEATTLE, WA 98124
206.684.8850

RELATED PERMIT NUMBERS:
SDCI PROJECT NO.: 6716621-CN
LANDUSE PERMIT NO./MASTER USE PERMIT (MUP) NO./SSDP: 3034000-LU
USACE PERMIT NO.: NOT REQUIRED
LANDMARKS STATUS NO.: DONH-COA-01340

ZONING:	LAND USE CODE OF THE CITY OF SEATTLE
BUILDING:	2021 SEATTLE EXISTING BUILDING CODE (SEBC)
	2021 SEATTLE BUILDING CODE (SBC)
FIRE:	2021 SEATTLE FIRE CODE
MECHANICAL:	2021 SEATTLE MECHANICAL CODE
ELECTRICAL:	2020 NATIONAL ELECTRICAL CODE W/ SEATTLE AMENDMENTS
PLUMBING:	2021 SEATTLE PLUMBING CODE
ENERGY:	2021 SEATTLE ENERGY CODE

CODE AS AMENDED AND ADOPTED BY THE STATE BUILDING CODE COUNCIL AND THE CITY OF SEATTLE

ZONE CLASSIFICATION:
MIO-37-LR1 (M)

ZONE DISTRICT:

OCCUPANCY GROUPS:
A-3

TYPE OF CONTRUCTION:
TYPE: VB

FIRE PROTECTION:
SPRINKLERED PER NFPA 13

MITHUN

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Sellen

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE: RF
PROJECT MANAGER: EB
PROJECT ARCHITECT: DJ
PROJECT DESIGNER: RF
PROJECT TEAM MEMBERS: ME
CHECK: KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
PROJECT INFO AND INDEX

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
G1.01
GMP SET

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ABBREVIATIONS

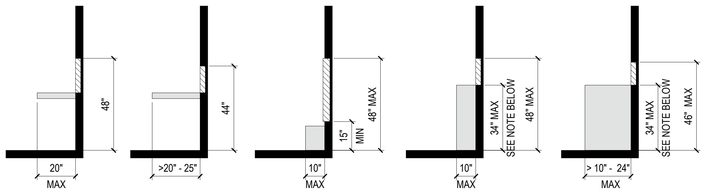
A	
AB	ANCHOR BOLT
AC	AIR CONDITIONING
ACC	ACCESSIBLE
ACOUS	ACOUSTICAL
AD	AREA DRAIN
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
ALUM	ALUMINUM
ANCH	ANCHOR
ANOD	ANODIZED
ACP	ACOUSTICAL CEILING PANEL
APPD	APPROVED
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
AUTO	AUTOMATIC
AV	AUDIO VISUAL
AVB	AIR VAPOR BARRIER
B	
BD	BOARD
BLDG	BUILDING
BM	BEAM
BOT	BOTTOM
BSMT	BASEMENT
BT	BOLT
C	
CAB	CABINET
CAT	CATEGORY
CB	CATCH BASIN
CBU	CEMENTITIOUS BACKER UNIT
CER	CERAMIC
CG	CORNER GUARD
CH	CHILLER
CHAN	CHANNEL
CI	CAST IRON
CIP	CASTINPLACE
CJ	CONTROL JOINT / CONSTRUCTION JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CNTR	COUNTER
CO	CLEANOUT
COL	COLUMN
CONC	CONCRETE
COND	CONDITION
CONN	CONNECTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
COORD	COORDINATE
CORR	CORRIDOR
CT	CERAMIC TILE
CTR	CENTER
CTSK	COUNTER SUNK
CW	COLD WATER (PIPING)
D	
D	DEEP, DEPTH
DBL	DOUBLE
DEG	DEGREE
DEMO	DEMOLITION
DEPT	DEPARTMENT
DET	DETAIL
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIFF	DIFFUSER
DIM	DIMENSION
DISP	DISPENSER
DMPF	DAMPPROOFING
DN	DOWN
DO	DOOR OPENING
DR	DOOR
DRN	DRAIN
DW	DISHWASHER
DWG	DRAWING
DWR	DRAWER
E	
(E)	EXISTING
E	EAST
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR
EMERG	EMERGENCY
EP	ELECTRICAL PANELBOARD
EQ	EQUAL
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
EXH	EXHAUST
EXP	EXPANSION
EXIST	EXISTING
EXT	EXTERIOR
F	
FA	FIRE ALARM
FD	FLOOR DRAIN
FDC	FIRE DEPARTMENT CONNECTION
FND	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FF&E	FURNITURE, FINISHES & EQUIPMENT
FFEL	FINISH FLOOR ELEVATION
FIN	FINISH
FIXT	FIXTURE
FL	FLOOR
FLASH	FLASHING
FO	FACE OF
FP	FIRE PROTECTION
FPG	FIREPROOFING
FR	FRAME
FT	FEET
FRT	FIRE RETARDANT TREATED
FTG	FOOTING
FURN	FURNITURE
G	
GA	GAUGE / GAGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACT(OR)
GFRC	GLASS FIBER REINFORCED CONCRETE
GFRG	GLASS FIBER REINFORCED GYPSUM
GL	GLASS
GR	GRADE
GRD	GROUND
GWB	GYPSUM WALLBOARD

H	
H	HIGH / HEIGHT
HB	HOSE BIB
HC	HOLLOW CORE
HDW	HARDWARE
HS	HEAT STRENGTHEND (GLASS)
HM	HOLLOW METAL (STEEL FRAME)
HNDRL	HANDRAIL
HO	HOLDOPEN
HORIZ	HORIZONTAL
HT	HEIGHT
HVAC	HEATING, VENTILATION, AIR CONDITIONING
HW	HOT WATER
HYDR	HYDRAULIC
I	
ID	INSIDE DIAMETER
IN	INCH
INCL	INCLUDED / INCLUDING
INFO	INFORMATION
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
IPS	INTERNATIONAL PIPE STANDARD
J	
JAN	JANITOR
JC	JANITOR'S CLOSET
JST	JOIST
JT	JOINT
K	
KIT	KITCHEN
KO	KNOCKOUT
L	
LDG	LANDING
LAM	LAMINATE / LAMINATION
LAV	LAVATORY
LB	POUND
LF	LINEAR FOOT
LKR	LOCKER
LN	LINE
LT	LIGHT
M	
MACH	MACHINE
MAINT	MAINTENANCE
MATL	MATERIAL
MAX	MAXIMUM
MB	MACHINE BOLT
MDF	MEDIUM DENSITY FIBERBOARD
MEP	MECHANICAL, ELECTRICAL, PLUMBING
MDO	MEDIUM DENSITY OVERLAY PLYWOOD
MECH	MECHANICAL
MEMB	MEMBRANE
MET	METAL
MEZZ	MEZZANINE
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MS	MACHINE SCREW
MTD	MOUNTED
MTG	MOUNTING
MTL	METAL
MULL	MULLION
N	
N	NORTH
NA	NOT APPLICABLE
NC	NOISE CRITERIA
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
NTS	NOT TO SCALE
O	
OA	OUTSIDE AIR
OC	ON CENTER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OFF	OFFICE
OH	OVER HEAD
OPH	OPPOSITE HAND
OPNG	OPENING
OPP	OPPOSITE
OPPHD	OPPOSITE HAND
ORD	OVERFLOW ROOF DRAIN
OUTS	OUTSIDE
OVHD	OVERHEAD
P	
P	PAINT
PAV	PAVING
PARTN	PARTITION
PBD	PARTICLEBOARD
PDF	POWER DRIVEN FASTENER
PERF	PERFORATED
PERIM	PERIMETER
PERP	PERPENDICULAR
PL	PLATE
PLAM	PLAM
PLBG	PLUMBING
PLYWD	PLYWOOD
PNL	PANEL
POL	POLISHED
PR	PAIR
PREFAB	PREFABRICATED
PROJ	PROJECT
PSF	POUNDS PER SQUARE FOOT
PT	POINT / PRESSURETREATED
PTD	PAPER TOWEL DISPENSER / PAINTED
PTN	PARTITION
PTR	PAPER TOWEL RECEPTACLE

Q	
Q	QUARRY TILE
QTY	QUANTITY
R	
(R)	RELOCATED
R	RADIUS OR RISER (PIPING)
RA	RETURN AIR
RAD	RADIUS
RB	RESILIENT BASE
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RECOM	RECOMMENDED
RECPT	RECEPTACLE
REC	RECESSED
REF	REFERENCE
REFL	REFLECTED / REFLECTIVE / REFLECT
REFR	REFRIGERATOR
REG	REGISTER
REINF	REINFORCED / REINFORCING
REL	RELOCATE
REM	REMOVABLE
REQ	REQUIRE / REQUIRED
RESIL	RESILIENT
REV	REVISION / REVISED
RM	ROOM
RO	ROUGH OPENING
RTD	RATED
RTG	RATING
RWL	RAIN WATER LEADER
S	
S	SOUTH
SA	SUPPLY AIR
SAF	SELFADHERED FLASHING
SAM	SELFADHERED MEMBRANE
SAN	SANITARY AIR
SC	SOLID CORE
SCHED	SCHEDULE
SD	STORM DRAIN / SOAP DISPENSER
SECT	SECTION
STS	SELF TAP METAL SCREW
SF	SQUARE FEET/FOOT
SH	SPRINKLER HEAD
SHT	SHEET
SHR	SHOWER
SIM	SIMILAR
SM	SHEET METAL OR SQUARE METER (METRIC DOCS)
SND	SANITARY NAPKIN DISPENSER
SP	STANDPIPE
SPEC	SPECIFICATION
SPR	SPRINKLER
SPKR	SPEAKER
SQ	SQUARE
SSE	STRUCTURE SLAB ELEVATION
SST	STAINLESS STEEL
SSK	SERVICE SINK
STA	STATION
STD	STANDARD
STL	STEEL
STLJST	STEEL JOIST
STOR	STORAGE
STRG	STRINGER
STRL	STRUCTURAL
STRUCT	STRUCTURAL
SUBCAT	SUBCATEGORY
SUSP	SUSPENDED
SYMM	SYMMETRICAL
SYS	SYSTEM
T	
T&G	TONGUE AND GROOVE
T	TREAD / THERMOSTAT
TB	TOWEL BAR
TC	TOP OF CURB
TCONC	TOP OF CONCRETE
TEL	TELEPHONE OR TELECOM
TEMP	TEMPERATURE
TER	TERRAZZO
TGB	TOGGLE BOLT
THK	THICKNESS
THRES	THRESHOLD
THRU	THROUGH
TKBD	TACKBOARD
TMPD	TEMPERED
TO	TOP OF (SEE OTHER WORD)
TOS	TOP OF SLAB, TOP OF STRUCT
TOSTL	TOP OF STEEL
TP	TOP OF PAVEMENT
TPD	TOILET PAPER DISPENSER
TRACT	TRACTION
TV	TELEVISION
TW	TOP OF WALL
TYP	TYPICAL
U	
UNFIN	UNFINISHED
UON	UNLESS OTHERWISE NOTED
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
V	
VAC	VENTILATION AND AIR CONDITIONING
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VIF	VERIFY IN FIELD
VR	VAPOR RETARDER
VT	VINYL TILE
VWC	VINYL WALL COVERING
W	
W/	WITH
W	WIDE, WIDTH/WEST
WC	WATER CLOSET
WD	WOOD
WDS	WOOD SCREW
WDW	WINDOW
W/O	WITHOUT
WP	WATERPROOFING
WPM	WATERPROOF MEMBRANE
WPT	WORK POINT
WR	WATER RESISTANT/REPELLANT
WRB	WEATHER RESISTANT BARRIER
WS	WEATHERSTRIPPING
WSCT	WAINSCOT
WT	WEIGHT
WW	WALL TO WALL

ACCESSIBILITY REQUIREMENTS

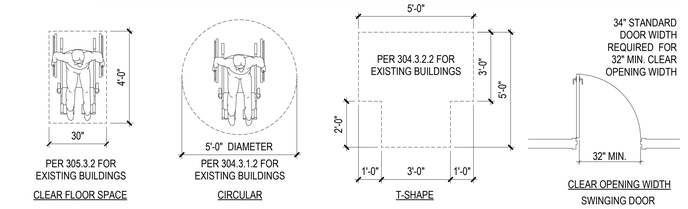
CONTROLS, OUTLETS AND RECPTACLES OVER OBSTRUCTIONS SHALL BE LOCATED AT REACH RANGES COMPLYING WITH ACCESSIBLE REACH RANGES. REFERENCE ADJACENT REACH RANGE DIAGRAM



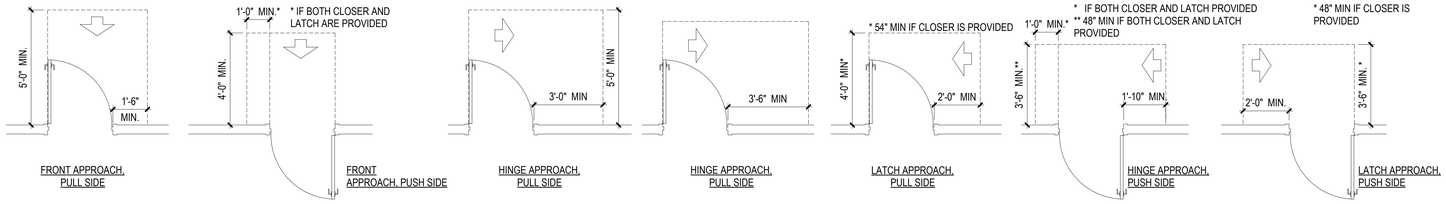
OBSTRUCTED HIGH FORWARD REACH | UNOBSTRUCTED SIDE REACH | OBSTRUCTED HIGH SIDE REACH

OPERABLE PARTS OF LIGHTING CONTROLS, ELECTRICAL SWITCHES AND RECEPTACLES, ENVIRONMENTAL CONTROLS, APPLIANCE CONTROLS, OPERATING HARDWARE FOR OPERABLE WINDOWS, PLUMBING FIXTURE CONTROLS, AND USER CONTROLS FOR SECURITY.

OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5 POUNDS MAX.

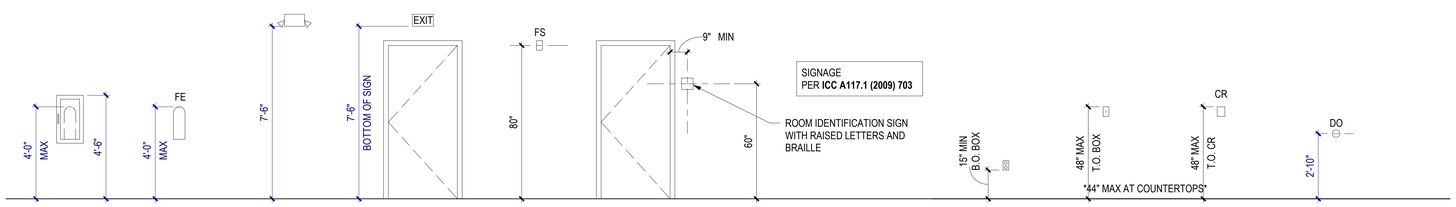


PER 305.3.2 FOR EXISTING BUILDINGS — CLEAR FLOOR SPACE | PER 304.3.1.2 FOR EXISTING BUILDINGS — CIRCULAR | T-SHAPE | CLEAR OPENING WIDTH SWINGING DOOR



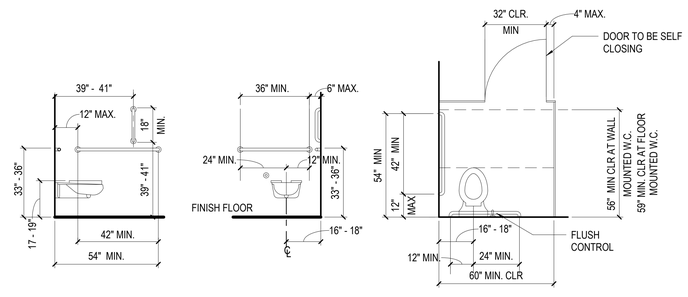
FRONT APPROACH, PULL SIDE | FRONT APPROACH, PUSH SIDE | HINGE APPROACH, PULL SIDE | HINGE APPROACH, PULL SIDE | LATCH APPROACH, PULL SIDE | HINGE APPROACH, PUSH SIDE | LATCH APPROACH, PUSH SIDE

TYPICAL MOUNTING HEIGHTS



FIRE EXTINGUISHER CABINET | WALL MOUNTED FIRE EXTINGUISHER | EMERGENCY LIGHT | EXIT SIGN | FIRE STROBE | ROOM SIGNAGE | ELECTRICAL RECEPTACLES, DATA OUTLETS | SWITCHES, THERMOSTATS, ENVIRONMENTAL CONTROLS | CARD READER | DOOR OPERATOR

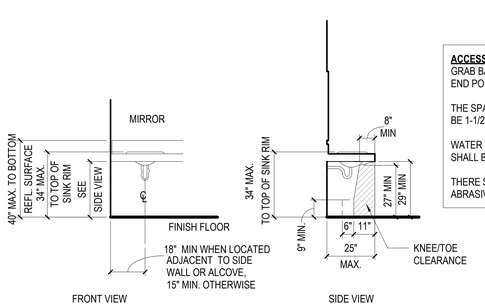
TYPICAL PLUMBING FIXTURE & RESTROOM MOUNTING LOCATIONS & HEIGHTS



SIDE VIEW | FRONT VIEW | PLAN VIEW

ACCESSIBLE WATER CLOSET

NOTE: CLEARANCES, MANEUVERING SPACE, GRAB BARS AND NOTES APPLY TO ALL SINGLE USE WATER CLOSETS LOCATED IN TOILET ROOMS WITHOUT COMPARTMENTS



FRONT VIEW | SIDE VIEW

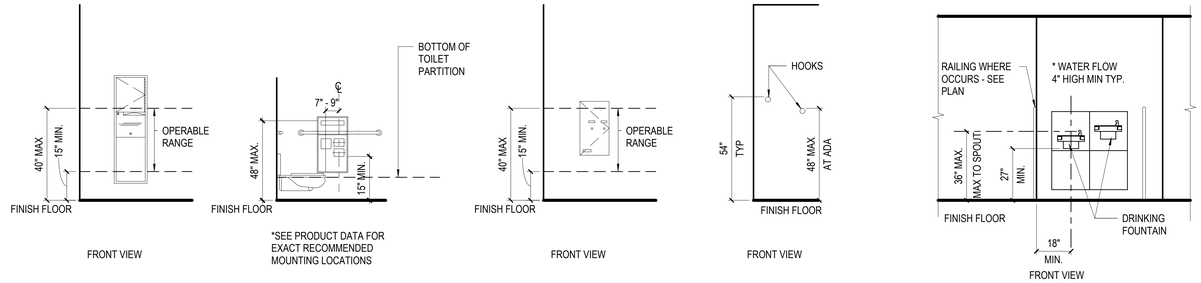
LAVATORY / SINK

ACCESSIBILITY NOTES:
GRAB BAR DIMENSIONS ARE MEASURED TO CENTERLINE OF END POINTS.

THE SPACE BETWEEN THE WALL AND THE GRAB BAR SHALL BE 1-1/2" CLEAR

WATER SUPPLY AND DRAIN PIPES UNDER LAVS AND SINKS SHALL BE INSULATED TO PROTECT AGAINST CONTACT TYP.

THERE SHALL BE NO SHARP EDGES OR CORNERS OR ABRASIVE SURFACES UNDER LAVS AND SINKS TYP.



FRONT VIEW | *SEE PRODUCT DATA FOR EXACT RECOMMENDED MOUNTING LOCATIONS | FRONT VIEW | FRONT VIEW | FRONT VIEW | SIDE VIEW

PAPER TOWEL DISPENSER & WASTE RECEPTALE | COMBINATION TOILET PAPER DISPENSER / SANITARY NAPKIN DISPOSAL | **SANITARY NAPKIN / TAMPON DISPENSER** | **ROBE HOOKS** | ACCESSIBLE HIGH/LOW WATER FOUNTAIN

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
ABBREVIATIONS AND LEGENDS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
G1.02
GMP SET

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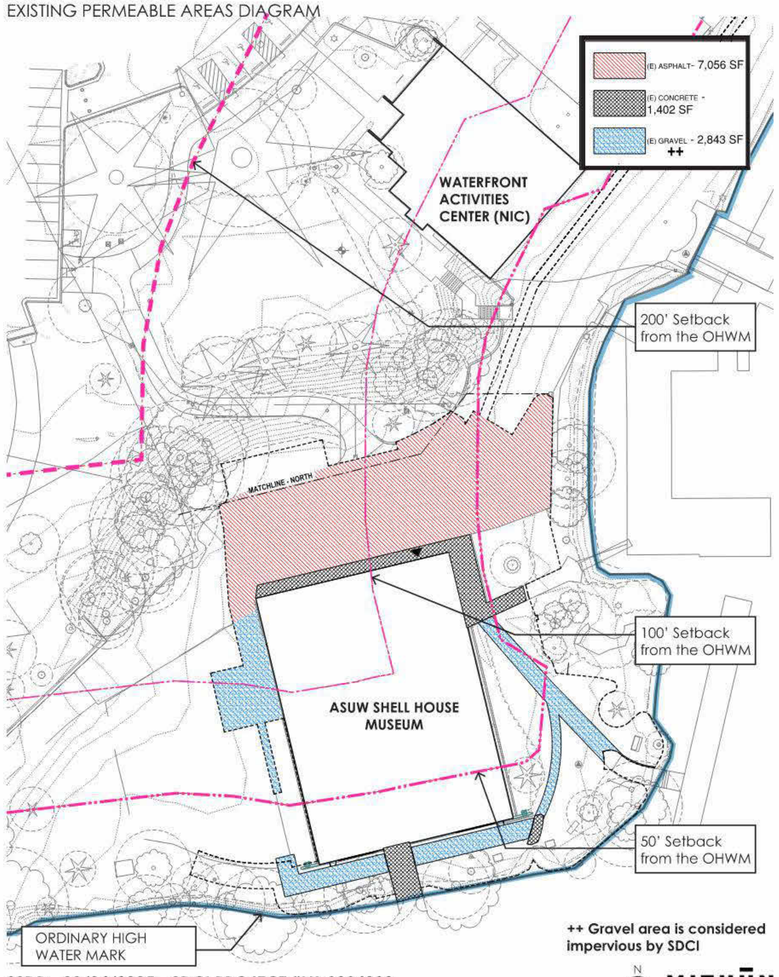
ORIGINAL SHEET SIZE: 36" x 42"

APPENDIX

EXISTING PERMEABLE AREAS DIAGRAM



++ Gravel area is considered impervious by SDCI

SSDP - 03/24/2025 - SDCI PROJECT #LU-3034000

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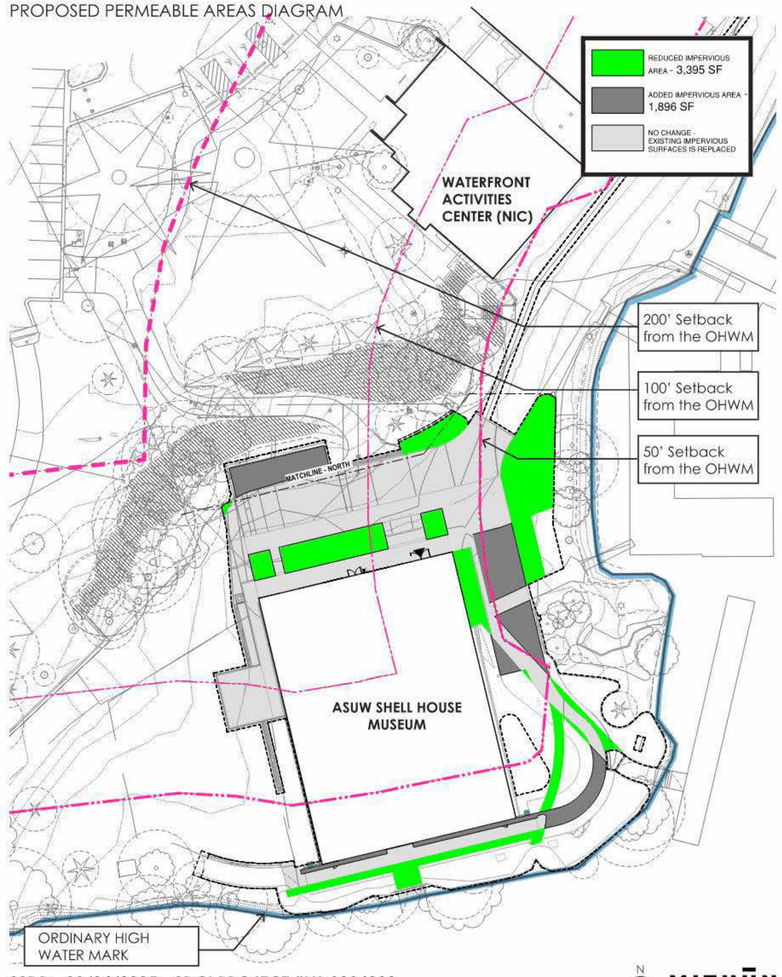
APPENDIX

PROPOSED PERMEABLE AREAS DIAGRAM



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DIAGRAMS FROM CODE MEMO SUBMITTED AS PART OF THE **SHORELINE SUBSTANTIAL DEVELOPMENT PERMIT** (SDCI PROJECT #LU-3034000).

THE SITE DEVELOPMENT PROPOSED WILL RESULT IN A NET DECREASE IN IMPERVIOUS AREA OF 1,499 SF.

NEW PLANTING AREAS WILL FOLLOW THE PLANTING PLAN OUTLINED IN THE MITIGATION AND MONITORING PLAN PROVIDED, AND WILL RESULT IN NO NET LOSS OF ECOLOGICAL FUNCTION.

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PROJECT DESIGNER
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PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
LAND USE DIAGRAMS

PROJECT NO.
2327300 / UW 206756
DATE
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SHEET NUMBER
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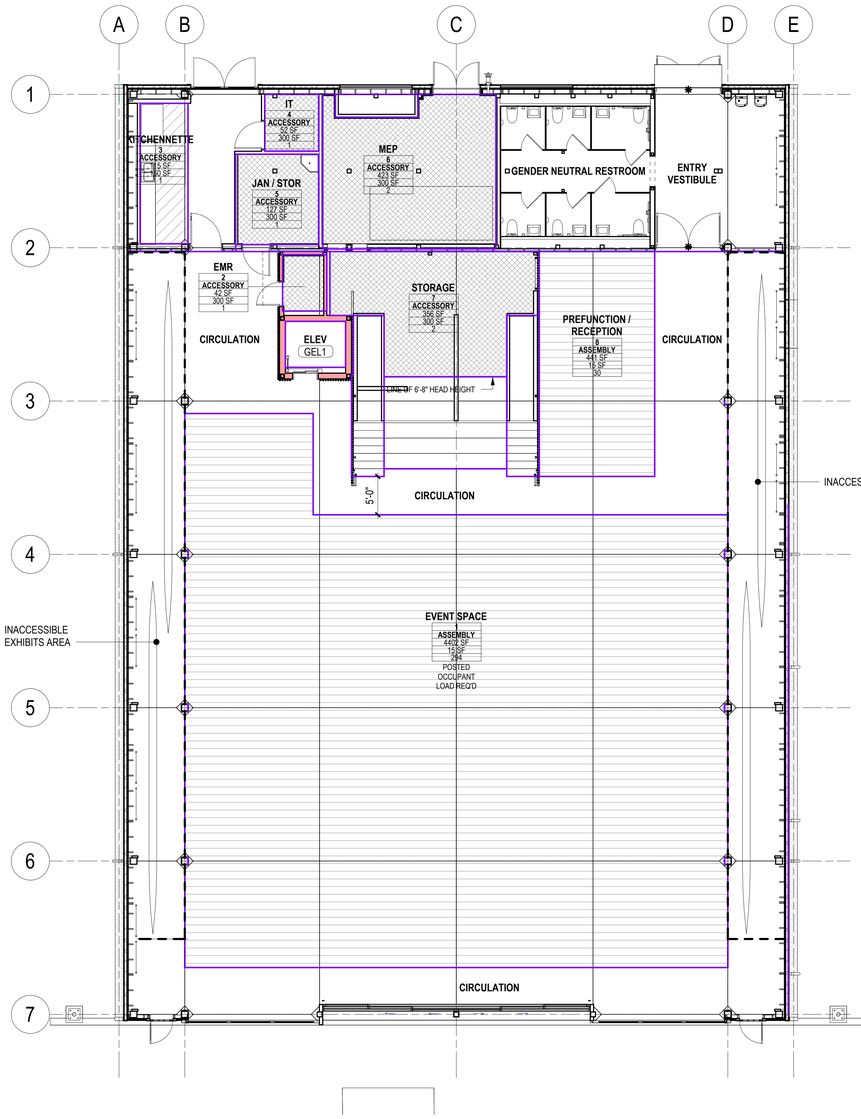
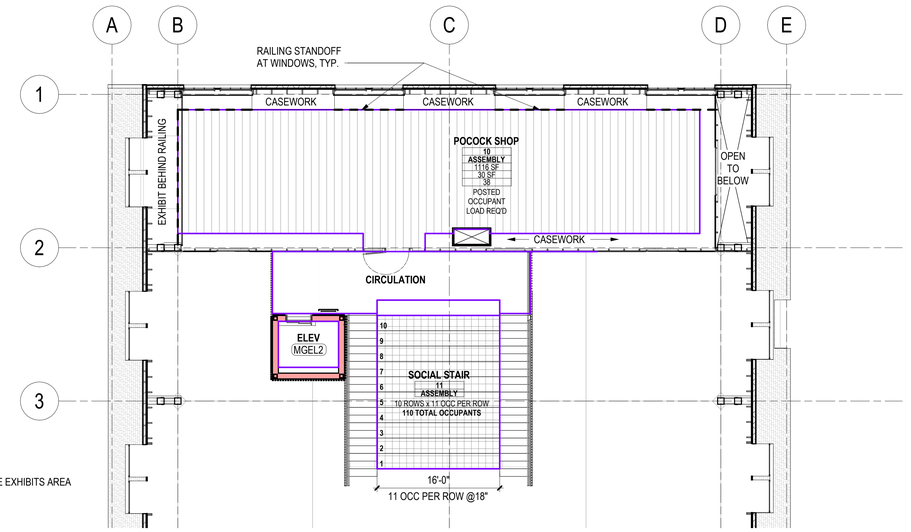


6 BUILDING LEVEL 01

1/8" = 1'-0" | 8/A3.11



3 MEZZANINE

1/8" = 1'-0" | 6/A3.01

FUNCTION OF SPACE LEGEND

TABLE 1004.5

- ACCESSORY STORAGE / SERVICE AREAS
- ASSEMBLY, UNCONCENTRATED
- KITCHEN
- ASSEMBLY, FIXED SEATS
- MUSEUM

PLUMBING CALCULATIONS

TOTAL OCC	473*
Men	237
Men WC (1/125)	(1/125)*237 = 1.9 WC
Men Lav (1/200)	(1/200)*237 = 1.2 Lav
Women	237
Women WC (1/65)	(1/65)*237 = 3.7 WC
Women Lav (1/200)	(1/200)*237 = 1.2 Lav
Total WC	1.9 + 3.7 = 5.6 = **6 WC**
Total Lav	1.2 + 1.2 = 2.4 = **3 LAV**

*PER 2902.1 EXCEPTION 2: "PLUMBING FIXTURES NEED NOT BE PROVIDED FOR THE FOLLOWING: 2. STORAGE, MECHANICAL, ELECTRICAL AND OTHER SIMILAR SPACES THAT ARE NOT NORMALLY OCCUPIED AND ARE ANCILLARY TO THE MAIN OCCUPANCY OF THE BUILDING"

Occupant Load Calculations

AREA NUMBER	AREA NAME	OCCUPANCY USE GROUP	FUNCTION OF SPACE	OCCUPANT LOAD FACTOR	AREA (SQ.FT.)	NUMBER OF OCCUPANT
(E) BUILDING LEVEL 01						
1	EVENT SPACE	ASSEMBLY	ASSEMBLY, UNCONCENTRATED	15	4402 SF	294
2	EMR	ACCESSORY	ACCESSORY STORAGE / SERVICE AREAS	300	42 SF	1
3	KITCHENNETTE	ACCESSORY	KITCHEN	150	115 SF	1
4	IT	ACCESSORY	ACCESSORY STORAGE / SERVICE AREAS	300	52 SF	1
5	JAN / STOR	ACCESSORY	ACCESSORY STORAGE / SERVICE AREAS	300	127 SF	1
6	MEP	ACCESSORY	ACCESSORY STORAGE / SERVICE AREAS	300	423 SF	2
7	STORAGE	ACCESSORY	ACCESSORY STORAGE / SERVICE AREAS	300	356 SF	2
8	PREFUNCTION / RECEPTION	ASSEMBLY	ASSEMBLY, UNCONCENTRATED	15	441 SF	30
MEZZANINE						
10	POCOCK SHOP	ASSEMBLY	MUSEUM	30	1116 SF	38
11	SOCIAL STAIR	ASSEMBLY	ASSEMBLY, FIXED SEATS	COUNT	320 SF	110
						480

CODE OCCUPANT LOAD, LIFE SAFETY & EGRESS SYMBOLS

INGRESS EXIT SYMBOL:

- 200 / 40" / 36" — CALCULATED EXIT OCCUPANT LOAD; CALCULATED REQUIRED DOOR EXIT WIDTH; DOOR EXIT WIDTH PROVIDED
- 200 / 60" / 0" — CALCULATED EXIT OCCUPANT LOAD; CALCULATED REQUIRED STAIR EXIT WIDTH; STAIR EXIT WIDTH PROVIDED

EGRESS EXIT SYMBOL:

- 200 / 40.0" / 0" — CALCULATED EXIT OCCUPANT LOAD; CALCULATED REQUIRED EXIT WIDTH; EXIT WIDTH PROVIDED

- ACCESSIBLE CLEARANCES
- AREA OF REFUGE
- 10'-6" (1/3 DISTANCE -3'-6") — EXIT ACCESS DIAGONAL DISTANCE CALCULATION
- ACCESSIBLE: RESIDENTIAL UNIT, PARKING STALL AND ENTRY / EXIT
- FE — FIRE EXTINGUISHER
- FEC — FIRE EXTINGUISHER CABINET
- 1-HOUR RATED WALL

ROOM NAME / 101 / OCCUPANCY / 1,420 SF / LOAD FACTOR / NO. OF OCC.

- ROOM OR AREA NUMBER
- OCCUPANCY GROUP / FUNCTION OF SPACE
- ROOM / SPACE AREA IN SQ.FT.
- FUNCTION OF SPACE - OCCUPANT LOAD FACTOR PER BUILDING CODE SECTION 1004 / TABLE 1004.1.2
- CALCULATED NO. OF OCCUPANT

ROOM NAME / 101 / OCCUPANCY

- ROOM NUMBER
- OCCUPANCY GROUP / FUNCTION OF SPACE

ROOM NAME 100 GSF

- RESIDENTIAL UNIT GROSS AREA
- ROOM NUMBER

250 — ACCUMULATED OCCUPANT COUNT

DIRECTION OF TRAVEL
ACCESSIBLE PATH OF TRAVEL

EXIT / EXIT / EXIT — EXIT SIGN / SYMBOL

WORK STARTING / DIMENSION POINT

REMOTE OCCUPANT LOCATION

STAIR # 125' - 0" / FEC # 75' - 0" / COMMON PATH 75' - 0" — TRAVEL DISTANCE TO EGRESS STAIR AND FIRE EXTINGUISHER; COMMON PATH OF TRAVEL DISTANCE

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
Seattle, WA 98101 / 206.623.3344

SAN FRANCISCO / 585 Howard Street, #300
San Francisco, CA 94105 / 415.956.0688

LOS ANGELES / 5837 Adams Blvd
Culver City, CA 90232 / 323.937.2150

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO. DATE REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
OCCUPANT LOAD DIAGRAMS

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
G3.05
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"
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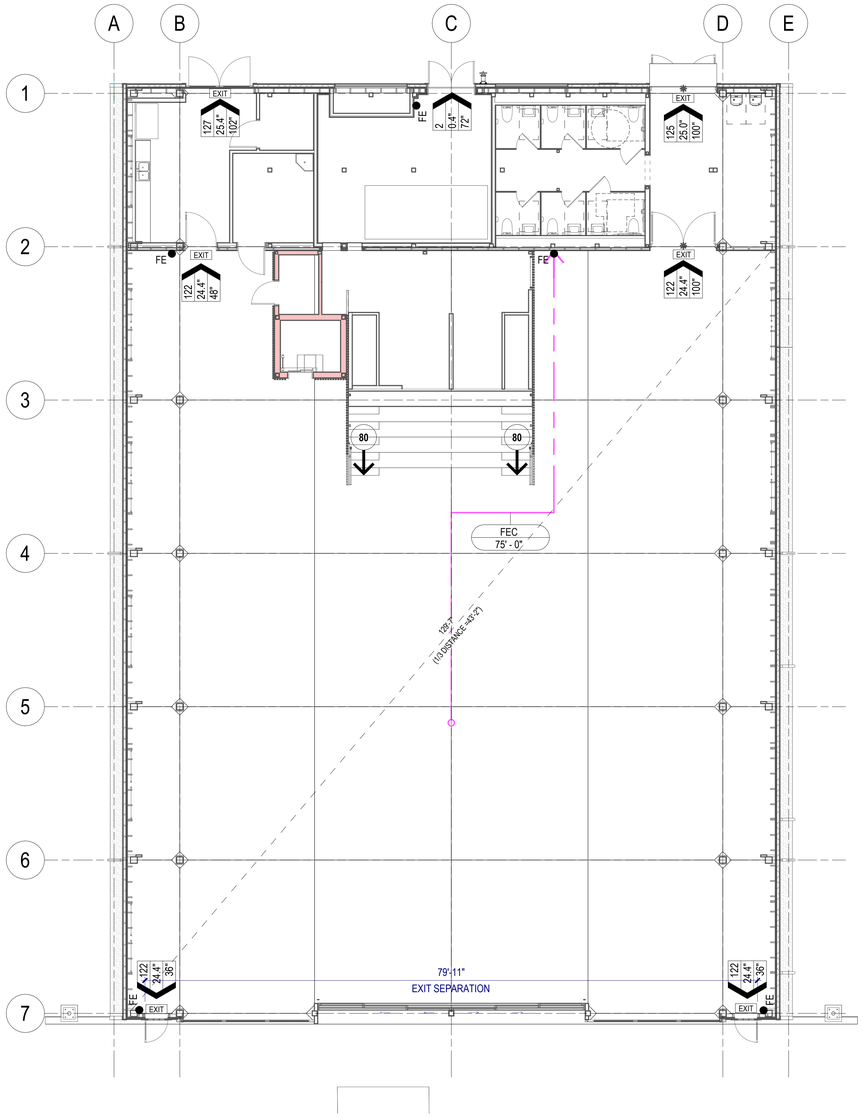
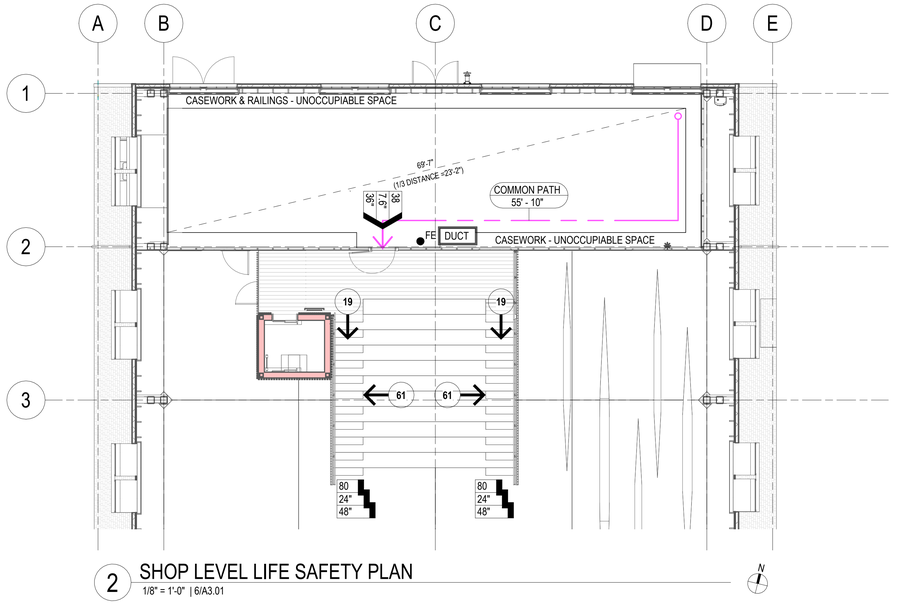


1 GROUND FLOOR LIFE SAFETY PLAN
1/8" = 1'-0" | 6/A3.01



2 SHOP LEVEL LIFE SAFETY PLAN
1/8" = 1'-0" | 6/A3.01

CODE OCCUPANT LOAD, LIFE SAFETY & EGRESS SYMBOLS

INGRESS EXIT SYMBOL:

- 200 — CALCULATED EXIT OCCUPANT LOAD
- 40" — CALCULATED REQUIRED DOOR EXIT WIDTH
- 36" — DOOR EXIT WIDTH PROVIDED

- 200 — CALCULATED EXIT OCCUPANT LOAD
- 60" — CALCULATED REQUIRED STAIR EXIT WIDTH
- 0" — STAIR EXIT WIDTH PROVIDED

EGRESS EXIT SYMBOL:

- 200 — CALCULATED EXIT OCCUPANT LOAD
- 40.0" — CALCULATED REQUIRED EXIT WIDTH
- 0" — EXIT WIDTH PROVIDED

ACCESSIBLE CLEARANCES

AREA OF REFUGE

10'-6" (1/3 DISTANCE =3'-6") — EXIT ACCESS DIAGONAL DISTANCE CALCULATION

ACCESSIBLE:
RESIDENTIAL UNIT, PARKING STALL AND ENTRY / EXIT

FE — FIRE EXTINGUISHER

FEC — FIRE EXTINGUISHER CABINET

1-HOUR RATED WALL

ROOM NAME
101
OCCUPANCY
1,250 SF
LOAD FACTOR
NO. OF OCC.

- ROOM OR AREA NUMBER
- OCCUPANCY GROUP / FUNCTION OF SPACE
- ROOM / SPACE AREA IN SQ.FT.
- FUNCTION OF SPACE - OCCUPANT LOAD FACTOR PER BUILDING CODE SECTION 1004 / TABLE 1004.1.2
- CALCULATED NO. OF OCCUPANT

ROOM NAME
101
OCCUPANCY

- ROOM NUMBER
- OCCUPANCY GROUP / FUNCTION OF SPACE

ROOM NAME
100 GSF

- RESIDENTIAL UNIT GROSS AREA
- ROOM NUMBER

250 — ACCUMULATED OCCUPANT COUNT

DIRECTION OF TRAVEL
ACCESSIBLE PATH OF TRAVEL

EXIT
EXIT
EXIT

EXIT SIGN / SYMBOL

WORK STARTING / DIMENSION POINT

REMOTE OCCUPANT LOCATION

STAIR #
125' - 0"
FEC #
75' - 0"
COMMON PATH
75' - 0"

TRAVEL DISTANCE TO EGRESS STAIR AND FIRE EXTINGUISHER

COMMON PATH OF TRAVEL DISTANCE

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
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9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EGRESS & LIFE SAFETY PLANS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
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GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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SOUTHEAST 1/4, SECTION 16, TOWNSHIP 25 NORTH, RANGE 04 EAST, W.M.

STATEMENT OF TOPOGRAPHIC MAP ELEMENTS (WAC 332-130-145)

2(b) PURPOSE: FEASIBILITY AND DESIGN

2(c) CONTOUR SOURCE: CONTOURS DERIVED FROM DIRECT FIELD OBSERVATIONS

2(f) CONTOUR ACCURACY: COMPLIES WITH UNITED STATES NATIONAL MAP ACCURACY STANDARDS (90% OR GREATER OF ALL SURVEY POINTS CHECKED ARE CORRECT WITHIN HALF OF ONE CONTOUR INTERVAL).

2(g) LIMITATIONS: THE PURPOSE OF THIS TOPOGRAPHIC SURVEY IS TO SUPPORT DESIGN & ENGINEERING WORK.

2(h) BOUNDARY SOURCE: FIELD SURVEY OF CONTROLLING MONUMENTS.

3(a) & 3(b) UTILITIES: UNDERGROUND UTILITIES ARE SHOWN BY ONE OR MORE OF THE FOLLOWING METHODS:

1. SURVEY FIELD OBSERVATION OF MARKINGS PRODUCED BY DIRECT UTILITY DETECTION WORK.
2. DIRECT OBSERVATIONS OF UNDERGROUND, GRAVITY FLOW PIPES PERFORMED AT VISIBLE CONTROLLING STRUCTURES.
3. SCALING OF AS-BUILTS, DESIGN DRAWINGS OR OTHER RECORDS.

3(c) SCOPE STATEMENT: UTILITY INVESTIGATIONS ARE SUBJECT TO THE LIMITATIONS OF ACCURACY OF CONVENTIONAL UNDERGROUND UTILITY DETECTION EQUIPMENT, THE EXISTENCE / ACCURACY OF RECORD UTILITY MAPS PRODUCED BY OTHERS, OR THE AWARENESS OR LOCAL KNOWLEDGE OF ANYTHING CONCEALED UNDERGROUND. THE COMPREHENSIVENESS OF SAID INVESTIGATIONS ARE THEREFORE LIMITED TO THE CAPACITY OF SAID TECHNOLOGIES AND /OR THE AVAILABILITY OF SUCH RECORDS OR KNOWLEDGE.

PURSUANT TO R.C.W. 19.22.030, ALWAYS CALL 8-1-1 AT LEAST TWO DAYS BEFORE YOU DIG.
WASHINGTON811.COM

UTILITY PROVIDERS:

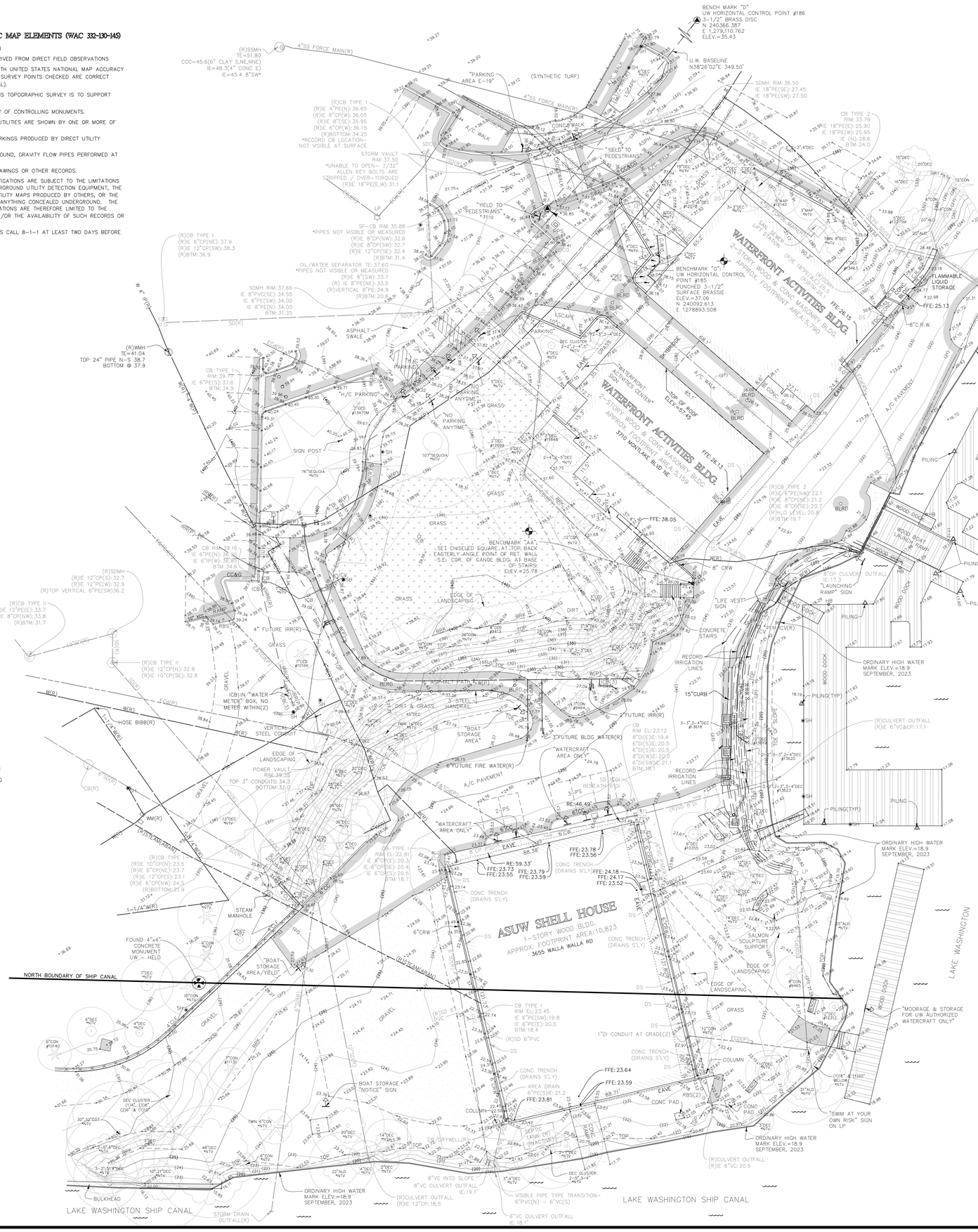
SANITARY SEWER AND STORM DRAINAGE:
SEATTLE PUBLIC UTILITIES
PROJECT MANAGEMENT AND ENGINEERING
700 5TH AVENUE
PO BOX 34018
SEATTLE, WA 98124-4018
(206) 233-7900

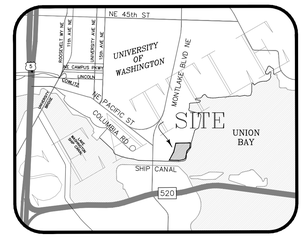
WATER:
SEATTLE PUBLIC UTILITIES
700 5TH AVENUE, SUITE 4900
PO BOX 34018
SEATTLE, WA 98124-4018
(206) 684-3000

POWER:
SEATTLE CITY LIGHT
700 5TH AVENUE, SUITE 3200
SEATTLE, WA 98124-4023
(206) 684-3000

NATURAL GAS:
PUGET SOUND ENERGY
10885 NE 4TH STREET, SUITE 1200
PO BOX 97034
BELLEVUE, WA 98009-9734
(425) 454-6363
(888) 225-5773

TELEPHONE:
LUMEN TECHNOLOGIES
1600 7TH AVENUE
SEATTLE, WA 98191
(800) 244-1111





VICINITY MAP

NO SCALE

LEGEND

ABAN/RET	ABANDONED/RETIRED
	ASPHALT (ASPH)
BE	BUILDING ENTRANCE
	BOLLARD (BLRD)
	BRICK SURFACE
BC	BUILDING LINE
BR	BUILDING CORNER
BTM	BIKE RACK
BVA	BOTTOM OF STRUCTURE
	BUILDING VEHICLE ACCESS
	CANOPY
	CATCH BASIN (CB)
	CONCRETE SURFACE
CC/XC/&G	CONCRETE/EXTRUDED CURB/& GUTTER
CD	CONDUIT DROP
CW/BW/AW	CONCRETE/BRICK/ASPHALT WALK
CRW/BRW/WRW	CONCRETE/BLOCK/WOOD RETAINING WALL
	CHAIN LINK FENCE (CLF)
CTV	CABLE TV
COL	COLUMN
℄/M	CENTERLINE/MONUMENT LINE
CS/MS/WS	CONCRETE/METAL/WOOD STAIRS
	H/C PARKING SPACE
CON	CONIFEROUS TREE
DEC	DECIDUOUS TREE
COC	CENTER OF CHANNEL
DS/RD	DOWN SPOUT/ROOF DRAIN
DWY	DRIVEWAY
ECD	ELECTRICAL CONDUIT
ED	ELECTRICAL DUCT
EHH/EJB	ELECTRICAL HANDHOLE/JUNCTION BOX
EMH	ELECTRICAL MANHOLE
EM	ELECTRICAL METER
EV/ET	ELECTRICAL VAULT/TRANSFORMER
ASBL	FEATURE BELOW OBJECT (DASHED TEXT)
	FOUND SURVEY MONUMENT (AS NOTED)
	FIRE HYDRANT
	FIRE DEPT. CONNECTION (FDC)
FO	FIBER OPTICS
FOMH	FIBER OPTIC MANHOLE
FOV	FIBER OPTIC VAULT
FFE	FINISH FLOOR ELEVATION
G	GAS MAIN
GM	GAS METER
	GAS VALVE
GV	GAS VAULT
GB	GRADE BREAK
	GRAVEL SURFACE
GR	GROUNDING ROD
	GUY ANCHOR
GP/UP/PP	GUY/POWER/UTILITY POLE
	HANDRAIL
HB	HOSE BIBB
SP	STRAIN POLE
IR	IRRIGATION LINE (RECORD)
ICB	IRRIGATION CONTROL BOX
M IV	IRRIGATION VALVE
IL	INDUCTION LOOP (TRAFFIC)
	INLET (TYPE 250A)
	INLET (TYPE 250B)
in	INSERTED PIPE
IE	INVERT ELEVATION
	LIGHT POLE (METAL)
	LIGHT POLE (WOOD)
	LIGHT POLE (DECORATIVE)
LSCAPE/PA	LANDSCAPE/PLANTER
	MANHOLE
US	MAILBOX (FEDERAL/PRIVATE)
MW	MONITOR WELL
NTV	NO TAG VISIBLE
OHP/OHC/OHT	OVERHEAD POWER/CABLE/TELEPHONE
OHG/OHB	OVERHEAD GUYWIRE/BUS (TROLLEY)
P.S.	PARKING SPACE(S)
	PILING
℄	PROPERTY LINE (PL)
(P)	PAINTED UTILITY LOCATION
	PIPE FLOW DIRECTION
CP/DI/CMP/VC	CONCRETE/IRON/METAL/CLAY (PIPE TYP
PE/PVC	POLYETHYLENE PIPE (POLYMER PIPE TYP
PPS	PARKING PAY STATION
	POST INDICATOR VALVE
PS/PSS	COMBINED/SANITARY SEWER
X PS	X NUMBER PARKING STALLS
PSD	STORM DRAIN
	PRIVATE CATCH BASIN
RBS	REMOVABLE BOLLARD SLEEVE
RE/PPT	ROOF/PARAPET ELEVATION
(R)	RECORD DATA
RHD	RHODODENDRON
	ROCKERY
RE	ROOF ELEVATION
SF-CB	STORM FILTER CB BY CONTECH (PIPES N
	VISIBLE OR MEASURED)
SD	SERVICE DRAIN (STORM)
SDCO/SSCO	STORM DRAIN/SANITARY SEWER
SH	SPRINKLER HEAD
SP	SPRINKLER
STM/V	STEAM LINE/VAULT
SSS	SANITARY SIDE SEWER (RECORD)
	SIGN/STREET NAME SIGN
TC/SL	TRAFFIC CONTROL/STREET LIGHT HANDH
	TRAFFIC CONTROL CABINET (TRSCC)
TCHD	TRENCH DRAIN
	TEMPORARY BENCHMARK (TBM)
TCD	TELEPHONE CONDUIT (BURIED)
TD	TELEPHONE DUCT
TV	TELEPHONE VAULT
TMH	TELEPHONE MANHOLE
TS	TELEPHONE SENTRY
	TRAFFIC FLOW DIRECTION
TOE	TOE OF SLOPE
TOP	TOP OF BANK
ULBL	UPPER LEVEL BUILDING LINE
WV	WATER VAULT
W	WATER MAIN
WM	WATER METER
	WATER VALVE
	WATER BLOWOFF VALVE
	WATER GATE VALVE/CHAMBER
VO/CO	VACATION/CONDEMNATION ORDINANCE
WE	WIRE ELEVATION
	WOOD FENCE (WF)
	WOOD SURFACE
	IRON FENCE (WF)
	YARD LIGHT
ALD	ALDER TREE
CED	CEDAR TREE
COT	COTTONWOOD TREE
PINE	PINE TREE
SEQ	SEQUOIA TREE
	BRASS DISC

SITE NOTES

SITE ADDRESS:
VICINITY OF WALLA WALLA RD. & SHIP CANAL TRAIL.

SETBACKS:
CURRENT SETBACK REQUIREMENTS SUBJECT TO SITE PLAN REVIEW. CURRENT SETBACKS MAY DIFFER FROM THOSE IN EFFECT DURING DESIGN/CONSTRUCTION OF EXISTING IMPROVEMENTS.

THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE GOVERNING JURISDICTION INDICATES THAT STRUCTURES ON THIS PROPERTY COMPLIED WITH MINIMUM SETBACK AND HEIGHT REQUIREMENTS FOLLOWING CONSTRUCTION.

FLOOD ZONE:
THIS SITE APPEARS ON NATIONAL FLOOD INSURANCE RATE MAP, DATED AUGUST 19TH, 2020, COMMUNITY PANEL NO. 53033C0345G, AND IS SITUATED IN ZONE "X", AREA DETERMINED TO BE OUTSIDE THE 500-YEAR FLOODPLAIN.

SUBSTRUCTURES:
BURIED UTILITIES ARE SHOWN AS INDICATED ON RECORDS MAPS FURNISHED BY OTHERS AND VERIFIED WHERE POSSIBLE BY FEATURES LOCATED IN THE FIELD. WE ASSUME NO LIABILITY FOR THE ACCURACY OF THOSE RECORDS. FOR THE FINAL LOCATION OF EXISTING UTILITIES IN AREAS CRITICAL TO DESIGN CONTACT THE UTILITY OWNER/AGENCY.

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HORIZONTAL DATUM:
UNIVERSITY OF WASHINGTON CONTROL (NAD 83/91)

VERTICAL DATUM:
UNIVERSITY OF WASHINGTON CONTROL (NAVD 88)

CERTIFICATION:

SURVEY IDENTIFICATION NO.: 2023118.01

REGISTERED LAND SURVEYOR NO.: 44634

SURVEYOR'S ADDRESS & COMPANY: BUSH, ROED & HITCHINGS, INC.
15400 SE 30TH PL, STE 100
BELLEVUE, WA 98007-6546

TELEPHONE: (206) 323-4144

THE FIELD WORK WAS COMPLETED ON MAY 24, 2024.

NO	DATE	REVISION

6/06/24

JAMES M. MARSHALL HARPER — REGISTERED PROFESSIONAL LAND SURVEYOR — STATE OF WASHINGTON

BUSH & HITCHINGS & CORPORATE SEAL 1969 — BUSH, ROED & HITCHINGS, INC.

BUSH, ROED & HITCHINGS, INC.
LAND SURVEYORS & CIVIL ENGINEERS
15400 SE 30TH PL, STE 100
BELLEVUE, Washington
98007-6546
(206) 323-4144
1-800-935-0508
WWW.BRHINC.COM

TOPOGRAPHIC SURVEY
ASUW SHELL HOUSE
UNIVERSITY OF WASHINGTON
CITY OF SEATTLE — KING COUNTY — WASHINGTON

drawn by	checked by
DRM/ABW	JMH
scale	date
1" = 20'	6/5/24
job no.	
2023118.01	
sheet 1 of 1	

30"x42" 6/5/2024 U:\C3D\2023\2023118\SURVEY\NO_XS-SUR-01.DWG

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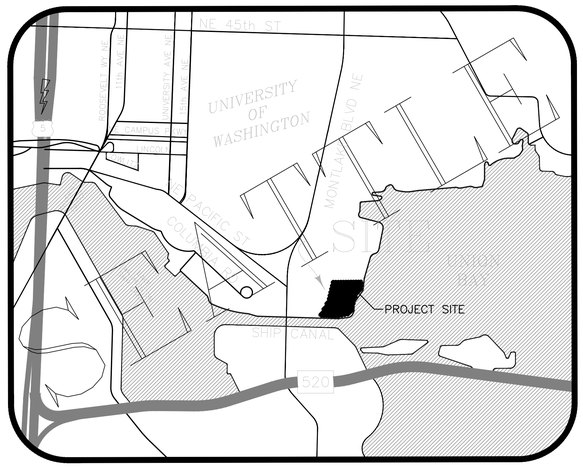
SHEET INDEX

Sheet Number	Sheet Title
C100	CIVIL COVER SHEET
C101	NOTES
C102	NOTES
C103	NOTES
C200	CSC PLAN NORTH
C201	CSC PLAN SOUTH
C202	CSC DETAILS
C300	DEMOLITION PLAN NORTH
C301	DEMOLITION PLAN SOUTH
C400	SITE PAVING PLAN NORTH
C401	SITE PAVING PLAN SOUTH
C402	SITE PAVING DETAILS
C403	SITE PROFILES
C500	GRADING PLAN NORTH
C501	GRADING PLAN SOUTH
C502	GRADING ENLARGEMENTS
C700	OSM PLAN
C701	DRAINAGE PLAN NORTH
C702	DRAINAGE PLAN SOUTH
C703	WATER AND SANITARY PLAN NORTH
C704	WATER AND SANITARY PLAN SOUTH
C705	DRAINAGE AND UTILITY DETAILS
C706	DRAINAGE AND UTILITY DETAILS
C707	BIORETENTION DETAILS
C708	SANITARY PROFILES
C709	WATER PROFILE
C710	STORM PROFILES



VICINITY MAP

NTS

LEGAL DESCRIPTION

THOSE PORTIONS OF GOVERNMENT LOTS 4 AND 5 LYING EAST OF MONTLAKE BLVD. NE, AND THAT PORTION OF BLOCK 8, LAKE WASHINGTON SHORELANDS SOUTH OF THE EAST–WEST EXTENSION OF CANAL ROAD AND EAST OF MONTLAKE BLVD. NE, ALL IN SECTION 16, T25N, R4E, W.M.
PARCEL NUMBER: 162504–9001

ABBREVIATIONS

@	AT
AB	ABANDON, ABANDONED
ADA	AMERICANS WITH DISABILITIES ACT
ADD	ADDITIONAL
AD	AREA DRAIN
ASPH	ASPHALT
BC	BOTTOM OF CURB
BLDG	BUILDING
BW	BOTTOM OF WALL
CAVFS	COMPOST AMENDED VEGETATED FILTER STRIP
CB	CATCH BASIN
CF	CUBIC FEET
CFS	CUBIC FEET PER SECOND
CIP	CAST IN PLACE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEAN OUT
CONC	CONCRETE
CONN	CONNECT, CONNECTION
CONT	CONTINUED
COS	CITY OF SEATTLE
CP	CONCRETE PIPE
CU	COPPER PIPE
DI	DUCTILE IRON
DIA	DIAMETER
DS	DOWNSPOUT
E	EAST, EASTING
EA	EACH
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATION
ESC	EROSION AND SEDIMENT CONTROL
EX	EXISTING
EXIST	EXISTING
FD	FOUNDATION DRAIN PERFORATED PIPE
FDCO	FOUNDATION DRAIN CLEAN OUT
FF	FINISHED FLOOR
FG	FINISHED GRADE
FM	FORCE MAIN
GE	GROUND ELEVATION
GEOTECH	GEOTECHNICAL REPORT
GV	GATE VALVE
HORIZ	HORIZONTAL
HTB	HORIZONTAL THRUST BLOCK
IE	INVERT ELEVATION
IRR	IRRIGATION
JB	JUNCTION BOX
LF	LINEAL FEET
LOC	LOCATION
LOW	LIMITS OF WORK
LT	LEFT
ME	MATCH EXISTING
MH	MANHOLE
MAX	MAXIMUM
MECH	MECHANICAL
MIN	MINIMUM
MJ	MECHANICAL JOINT
N	NORTH, NORTHING
NTS	NOT TO SCALE
OC	ON CENTER
OSM	ONSITE STORMWATER MANAGEMENT
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PERF	PERFORATED
PI	POINT OF INTERSECTION
PL	PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	POINT OF TANGENCY
PVC	POINT OF VERTICAL CURVATURE, POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
PVT	POINT OF VERTICAL TANGENCY
R	RADIUS
RJ	RESTRAINED JOINT
ROW	RIGHT OF WAY
RT	RIGHT
S	SOUTH
SCL	SEATTLE CITY LIGHT
SD	STORM DRAIN
SDCI	SEATTLE DEPARTMENT OF CONSTRUCTION & INSPECTIONS
SDOT	SEATTLE DEPARTMENT OF TRANSPORTATION
SF	SQUARE FOOT
SPEC	SPECIFICATIONS
SPU	SEATTLE PUBLIC UTILITIES
STD	STANDARD
SS	SANITARY SEWER
TC	TOP OF CURB
TEMP	TEMPORARY
TW	TOP OF WALL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UW	UNIVERSITY OF WASHINGTON
VERT	VERTICAL
W	WATER, WEST
W/	WITH
WD	WALL DRAIN PERFORATED PIPE
WM	WATER METER
WSDOT	WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

1. SURVEY BACKGROUND IS BASED ON THE TOPOGRAPHIC SURVEY WITH STAMP DATED 6–06–2024 PROVIDED BY BUSH, ROED & HITCHINGS.
2. CONTRACTOR SHALL HAVE A SET OF THE APPROVED PERMIT PLANS ON THE JOB SITE DURING CONSTRUCTION.
3. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND SIZE OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
4. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES DURING CONSTRUCTION. CONTRACTOR SHALL PAY FOR PRIVATE UTILITY LOCATOR SERVICE ON THE OWNER'S PROPERTY AND COORDINATE LOCATE ACTIVITY WITH OWNER'S REPRESENTATIVE.
5. CONTRACTOR SHALL PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS TO REMAIN. CONTRACTOR SHALL RESTORE ALL DAMAGED OR DISTURBED AREAS TO REMAIN TO THEIR ORIGINAL CONDITION OR BETTER, UNLESS NOTED OTHERWISE. REPLACE AT NO EXPENSE TO THE OWNER ANY EXISTING IMPROVEMENTS TO REMAIN THAT ARE DAMAGED DURING REMOVAL OF OTHER IMPROVEMENTS.
6. THE CONTRACTOR SHALL ADJUST ALL EXISTING MANHOLE/CATCH BASIN RIMS, VALVE BOXES AND UTILITY ACCESS STRUCTURES TO FINISH GRADES WITHIN AREAS AFFECTED BY THE PROPOSED IMPROVEMENTS. CONTRACTOR SHALL REPLACE LIDS AND VALVE BOXES DAMAGED DURING CONSTRUCTION.
7. DURING ALL EXCAVATION ACTIVITIES, CONTRACTOR SHALL HAVE PERSONNEL STATIONED AT THE FRONT OF THE EXCAVATION EQUIPMENT TO ACT AS A SPOTTER. SPOTTER SHALL DIRECT EQUIPMENT OPERATOR TO PREVENT DAMAGE TO EXISTING UTILITIES.
8. COMPACTION TESTING IS REQUIRED FOR ALL AREAS OF EXCAVATION AND FILL. CONTRACTOR SHALL SCHEDULE TESTING 24 HOURS IN ADVANCE OF EXCAVATION AND FILL.
9. CONSTRUCTION FENCING SHALL BE PLACED AT LIMITS OF WORK SHOWN ON PLANS.

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

NO. DATE REVISION

PARTNER IN CHARGE
RT
PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT

PROJECT TEAM MEMBERS

CHECK

TITLE
CIVIL COVER SHEET

PROJECT NO
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C100
GMP SET

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ORIGINAL SHEET SIZE: 36" x 42"

Autodesk Docs://2327300 - ASUW Shell House Renovation/2327300_Shell House_R24.rvt

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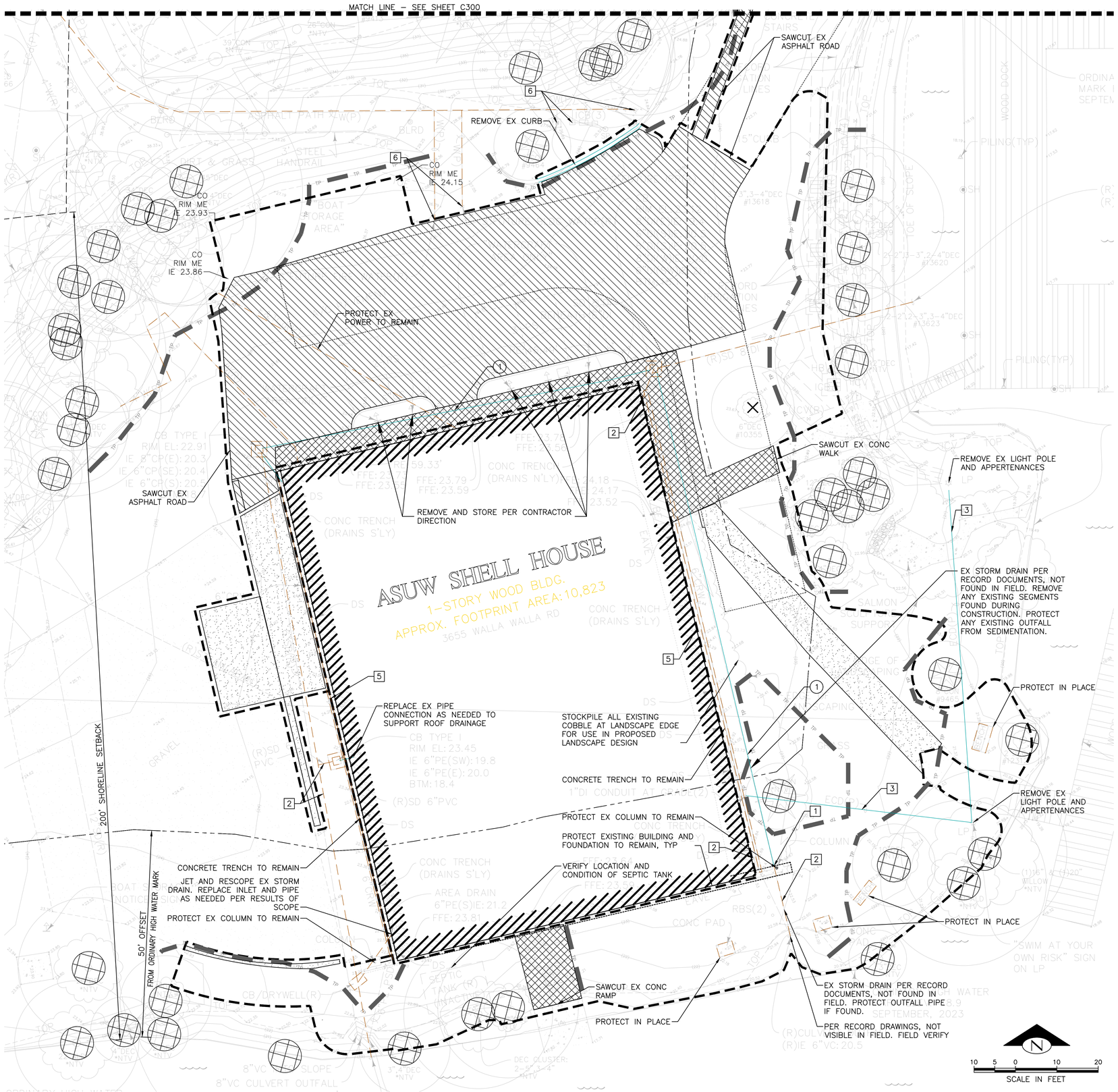

LEGEND

- CIVIL LIMITS OF WORK (LOW)
- x CONSTRUCTION FENCE
- DEMOLISH ASPHALT PAVEMENT
- DEMOLISH CONCRETE PAVEMENT
- DEMOLISH GRAVEL
- DEMOLISH EXISTING
- PROTECT EXISTING
- ABANDON EXISTING
- DEMOLISH TREE
- TREE PROTECTION
- TP TREE PROTECTION FENCING PER LANDSCAPE

NOTES

1. SEE C101 FOR DEMOLITION GENERAL NOTES
2. ALL EXISTING SITE ELEMENTS INCLUDING UTILITIES WITHIN THE LIMITS OF WORK ARE TO BE PROTECTED AND PRESERVED WITH THE EXCEPTION OF TREES MARKED FOR DEMOLITION AND ITEMS NOTED FOR DEMOLITION.
3. CONTRACTOR RESPONSIBLE FOR ANY AND ALL DAMAGES TO EXISTING ELEMENTS TO REMAIN.

KEYNOTES

ITEMS TO BE REMOVED OR SALVAGED

(1) REMOVE EXIST STORM DRAIN PIPING, MANHOLES, CATCH BASINS, INLETS, VAULTS, TRENCH DRAINS, CLEAN OUTS AND OTHER APPURTENANCES.

KEYNOTES

ITEMS TO REMAIN OR ABANDON

[1] CUT AND CAP EXISTING UTILITY WHERE INDICATED.

[2] EXIST STORM DRAIN PIPING, MANHOLES, CATCH BASINS, INLETS, VAULTS, TRENCH DRAINS, CLEAN OUTS AND ASSOCIATED APPURTENANCES TO REMAIN.

[3] ABANDON EX CONDUIT IN PLACE

[4] NOT USED

[5] EXIST BUILDING, CURB, STAIRS OR WALL AND FOUNDATION TO REMAIN.

[6] EXIST WATER LINES, VAULTS, METERS AND ASSOCIATED APPURTENANCES TO REMAIN.

[7] EXIST ELECTRICAL LINES, VAULTS AND ASSOCIATED APPURTENANCES TO REMAIN.

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UNIVERSITY of WASHINGTON

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NO.	DATE	REVISION

PARTNER IN CHARGE
RT
PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT

PROJECT TEAM MEMBERS

CHECK

TITLE
DEMOLITION PLAN SOUTH

PROJECT NO.
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C301
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

Users:Dana.Hall:Desktop:2327300_ASUW Shell House Renovation_Dana.Hall_R24.2_

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MATCH LINE – SEE SHEET C400

EXISTING PAVEMENT TO REMAIN IN FRONT OF EX FH

UTILITY TRENCH PATCH PAVING

END OF ROADWAY PAVING

CONCRETE WASTE AND UTILITY PAD

RETAINING WALL

FIXED STEEL BOLLARD PER LANDSCAPE, TYP OF 3

REMOVABLE STEEL BOLLARD PER LANDSCAPE, TYP OF 4

EXTENT OF DEAD–END FIRE APPARATUS ACCESS ROAD, 60' Y

RETAINING WALL

RETAINING WALL

RETAINING WALL

END OF ROADWAY PAVING

FIXED STEEL BOLLARD PER LANDSCAPE

N 239,795.63
E 1,278,844.59

N 239,809.95
E 1,278,940.99

NON INFILTRATING BIORETENTION FACILITY (1/C707)

ADD CURB TO BRIDGE EDGES OF EXISTING CONCRETE TRENCH TO REMIAN. MEET AND MATCH HEIGHT AND WIDTH AT EACH END.

GRAVEL SURFACING ABOVE FRENCH DRAIN

ASUW SHELL HOUSE
1–STORY WOOD BLDG.
APPROX. FOOTPRINT AREA: 10,823

COBBLE RETAINING WALL PER LANDSCAPE. SEE DETAIL 18, SHEET L4.10

EXTENT OF DEAD–END FIRE APPARATUS ACCESS ROAD, 60' Y

FLUSH CURB

SEE WAC & HUSKY HARBOR DOCK IMPROVEMENTS PROJECT FOR ADJACENT IMPROVEMENTS

ALTERNATIVE VAN ACCESSIBLE 90 DEGREE PARKING STALLS

EX LANDSCAPE AND TREES TO REMAIN AND BE PROTECTED WITHIN THIS AREA

200' SHORELINE SETBACK

50' OFFSET FROM ORDINARY HIGH WATER MARK

N 239,691.13
E1,278,969.82

EXTEND CONCRETE PATH TO EXPANSION JOINT BETWEEN EX BUILDING/FOUNDATION EDGE AND CONCRETE PATH, TYP

9" CONCRETE THICKENED EDGE

N 239,666.47
E 1,278,866.77

COBBLE EDGE PER LANDSCAPE. SEE LANDSCAPE SHEETS

10' MIN

SCALE IN FEET

LEGEND

- ONSITE CIVIL LIMITS OF WORK (LOW)
- LIGHT DUTY CONCRETE PAVING — 1/C402
- HEAVY DUTY CONCRETE PAVING — 2/C402
- GRASSPAVE SURFACING PER SHEET L4.10
- HEAVY DUTY ASPHALT PAVEMENT — 3/C402
- COMPOST AMENDED VEGETATED FILTER STRIP (CAVFS) — 3/C705
- TREE PROTECTION
- CONCRETE CURB — 5/C402
- TP TREE PROTECTION FENCING PER LANDSCAPING

SITE NOTES

1. SEE SHEET C100 FOR ABBREVIATIONS AND GENERAL NOTES.
2. THE LIMITS OF WORK SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED LIMITS OF WORK SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
3. REFERENCE TREE PROTECTION PLAN FOR ALL WORK WITHIN TREE PROTECTION ZONE.
4. ALL DIMENSIONS, STATIONS, OFFSETS, NORTHINGS AND EASTINGS ARE TAKEN TO THE BOTTOM FACE OF CURB, BOTTOM FACE OF WALL, OR EDGE OF PAVEMENT, UNLESS NOTED OTHERWISE.
5. SEE LANDSCAPE DRAWINGS FOR ALL PAVEMENT FINISHES AND SCORING.
6. ADD FOUR BOLLARDS TO WALLA WALLA WAY. LOCATION TO BE DETERMINED TO ALLOW WASTE AND RECYCLING VEHICLE MANEUVERING.

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REGISTERED PROFESSIONAL ENGINEER #38359

NO.	DATE	REVISION

PARTNER IN CHARGE
RT
PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT

PROJECT TEAM MEMBERS

CHECK

TITLE
SITE PAVING PLAN SOUTH

PROJECT NO.
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C401
GMP SET

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ORIGINAL SHEET SIZE: 36" x 48"

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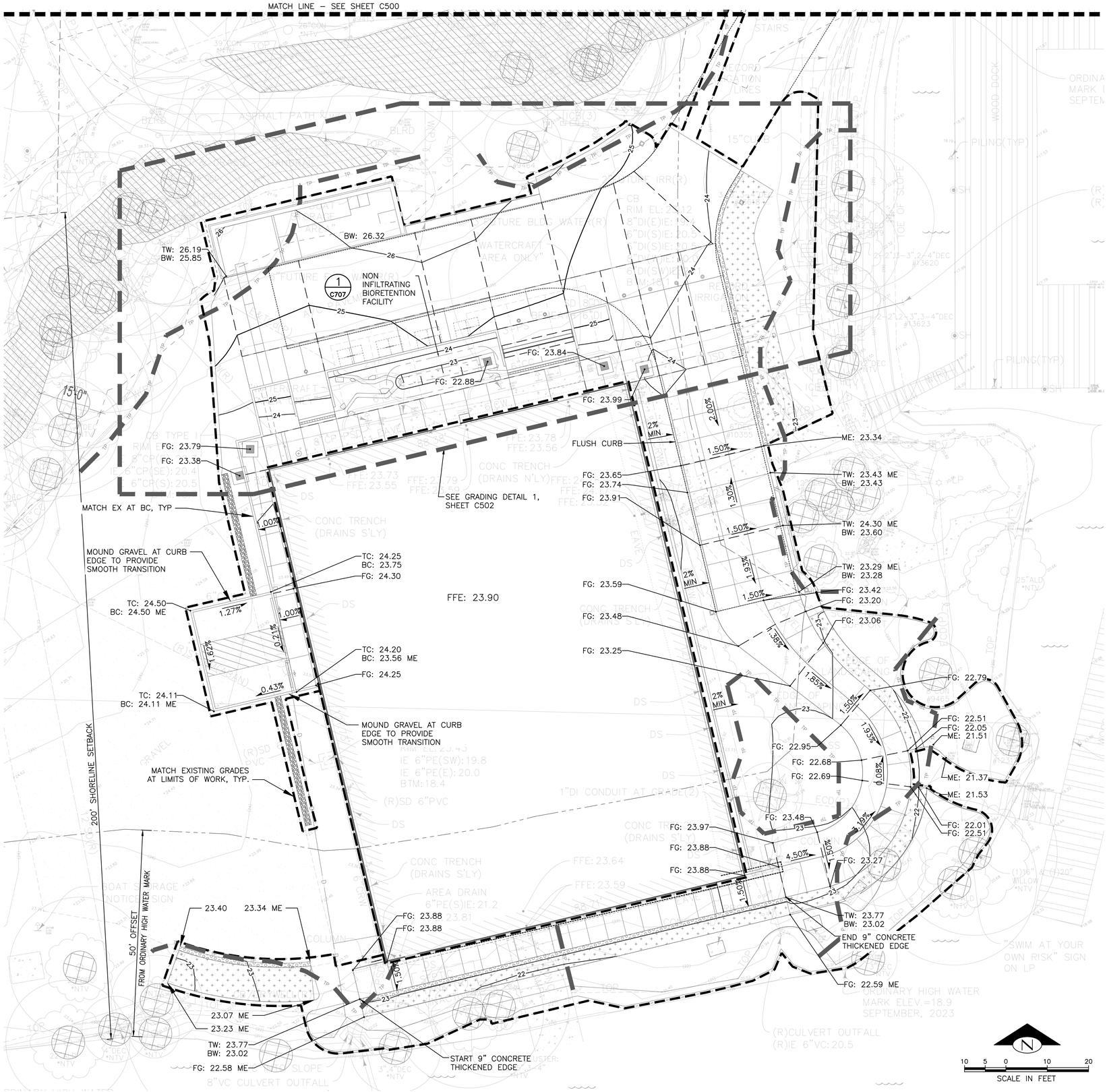

LEGEND

	ONSITE CIVIL LIMITS OF WORK (LOW)
XXX	MAJOR CONTOUR
XXX	MINOR CONTOUR
	GRADE BREAK
	SLOPE ARROW
XXX.XX	SPOT GRADE
XXX.XX ME	MATCH EXISTING GRADE
TC	TOP OF CURB
BC	BOTTOM OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL
BWW	BOTTOM OF WALL WEST
BWE	BOTTOM OF WALL EAST
	TREE PROTECTION
TP	TREE PROTECTION FENCING PER LANDSCAPING

GRADING NOTES

1. SEE SHEET C100 FOR ABBREVIATIONS AND GENERAL NOTES.
2. THE LIMITS OF WORK SHOWN ON THIS PLAN SHALL BE CLEARLY FLAGGED IN THE FIELD PRIOR TO CONSTRUCTION. DURING THE CONSTRUCTION PERIOD, NO DISTURBANCE BEYOND THE FLAGGED LIMITS OF WORK SHALL BE PERMITTED. THE FLAGGING SHALL BE MAINTAINED FOR THE DURATION OF CONSTRUCTION.
3. REFERENCE TREE PROTECTION AND REMOVAL PLAN FOR ALL WORK WITHIN TREE PROTECTION ZONE.
4. ALL EXISTING ELEVATIONS ARE BASED ON THE SURVEY PROVIDED AND PERMITTED AND CONSTRUCTED DEMOLITION PLAN AND FIELD VERIFY ALL EXISTING ELEVATIONS PRIOR TO CONSTRUCTION.
5. GRADING SHALL BE STABILIZED BY OCTOBER 31ST, AND NO EXCAVATION OR FILL PLACEMENT MAY BE PERFORMED BETWEEN OCTOBER 31ST AND APRIL 1ST.
6. ALL PEDESTRIAN AND VEHICULAR PAVING SIDESLOPES TO BE 1.5% OR LESS.
7. MAX DESIGN SLOPE AT ALL LANDINGS 1.5%

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JOSHUA MCKINNON THAYER
STATE OF WASHINGTON
#38359
REGISTERED
PROFESSIONAL ENGINEER

NO.	DATE	REVISION

PARTNER IN CHARGE
RT
PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT

PROJECT TEAM MEMBERS

CHECK

TITLE
GRADING PLAN SOUTH

PROJECT NO.
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C501
GMP SET

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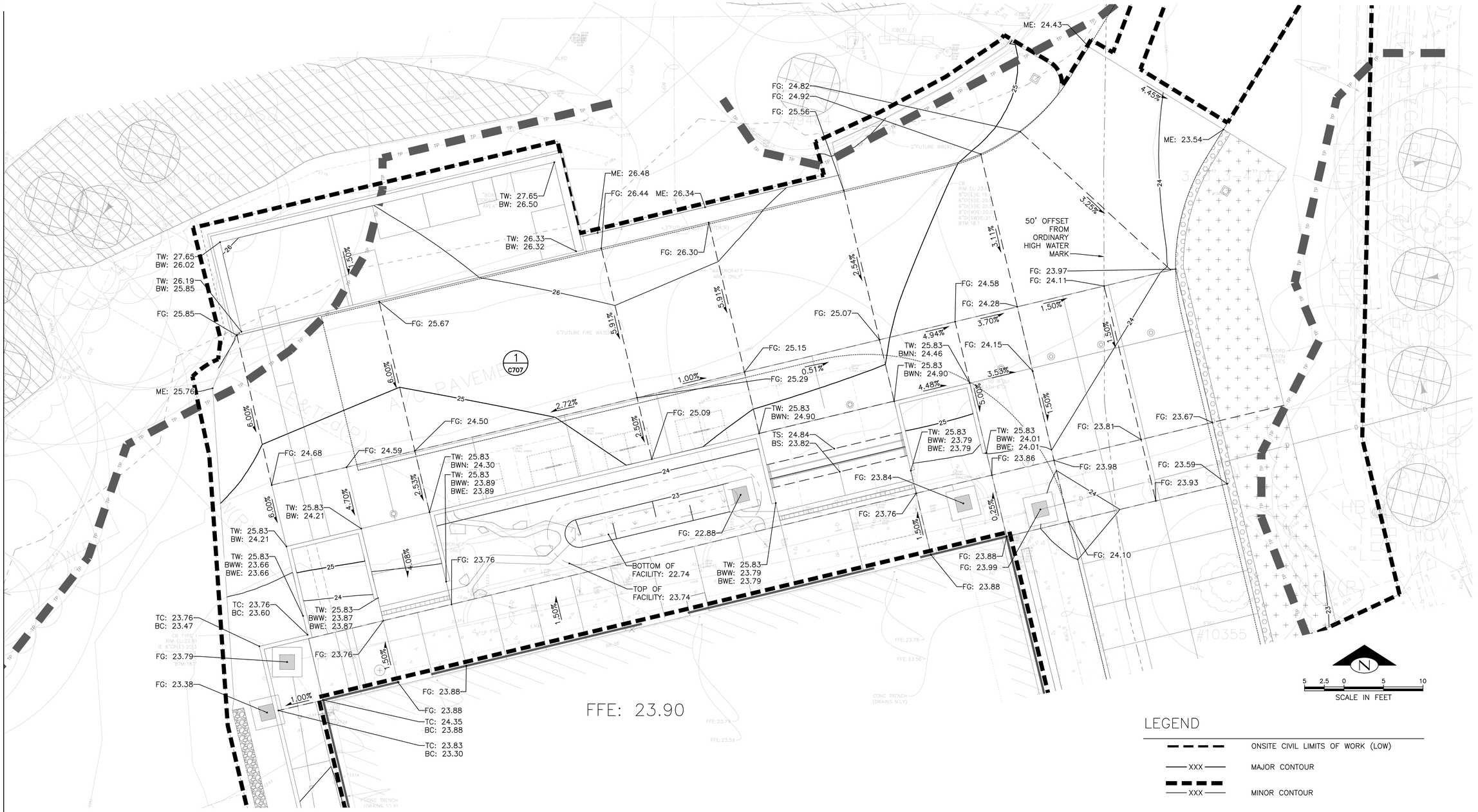

GRADING DETAIL 1

1

GRADING NOTES

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6. ALL PEDESTRIAN AND VEHICULAR PAVING SIDESLOPES TO BE 1.5% OR LESS.
7. MAX DESIGN SLOPE AT ALL LANDINGS 1.5%

LEGEND

	ONSITE CIVIL LIMITS OF WORK (LOW)
XXX	MAJOR CONTOUR
XXX	MINOR CONTOUR
	GRADE BREAK
	SLOPE ARROW
XXX.XX	SPOT GRADE
XXX.XX ME	MATCH EXISTING GRADE
TC	TOP OF CURB
BC	BOTTOM OF CURB
TW	TOP OF WALL
BW	BOTTOM OF WALL
BWW	BOTTOM OF WALL WEST
BWE	BOTTOM OF WALL EAST
	TREE PROTECTION
TP	TREE PROTECTION FENCING PER LANDSCAPING

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UNIVERSITY of WASHINGTON

ROBIN MCKINNEY TRAVER
STATE OF WASHINGTON
#38359
REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISION

PARTNER IN CHARGE
RT
PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT

PROJECT TEAM MEMBERS

CHECK

TITLE
GRADING ENLARGEMENTS

PROJECT NO.
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C502
GMP SET

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ORIGINAL SHEET SIZE 36" x 42"

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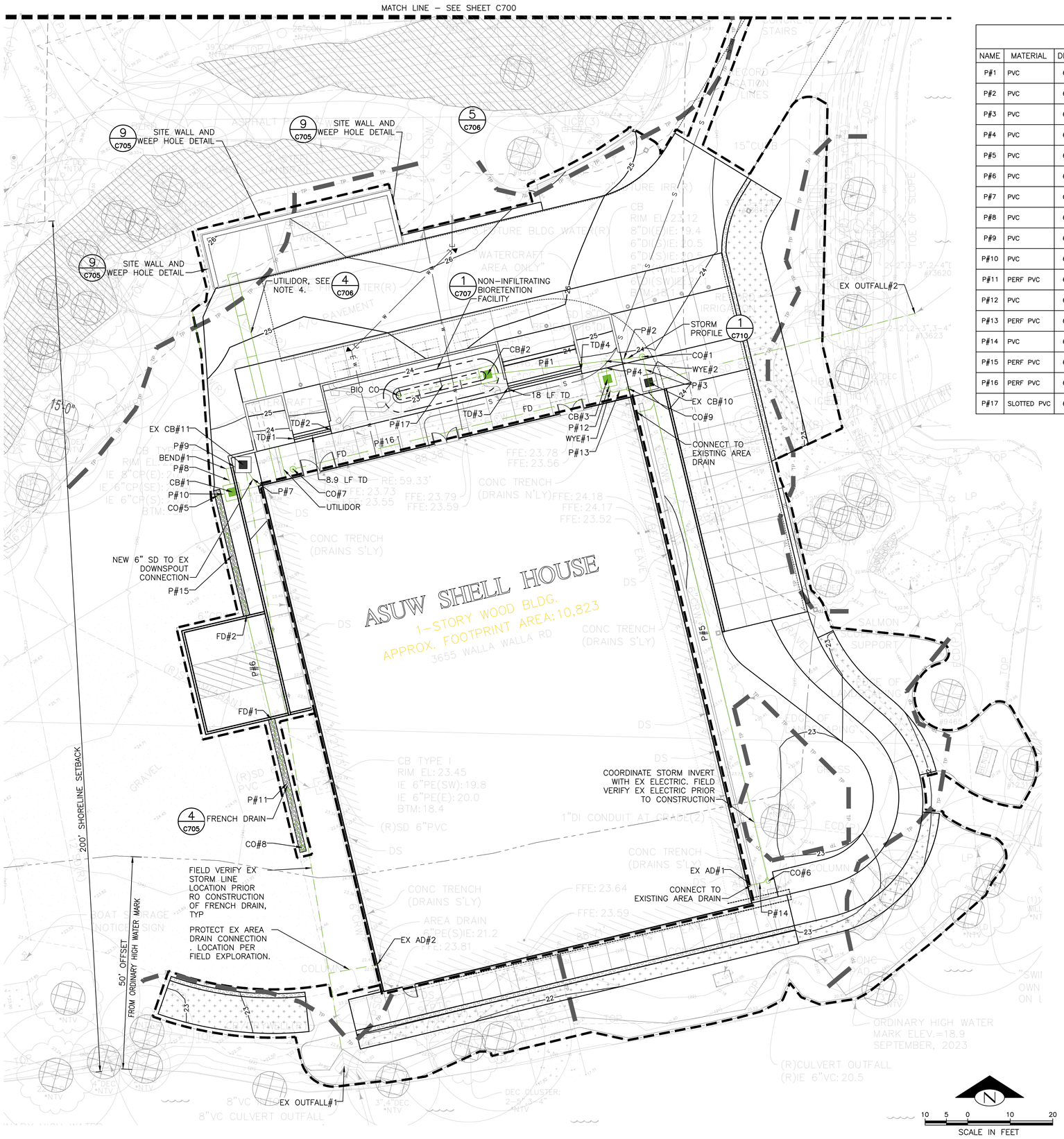

STORM PIPE TABLE

NAME	MATERIAL	DIA.	LENGTH	SLOPE	START	END
P#1	PVC	6	27.89	1.25%	STR: CB#2 IE: 19.99	STR: WYE#2 IE: 19.64
P#2	PVC	6	8.76	1.25%	STR: WYE#2 IE: 19.64	STR: CO#1 IE: 19.53
P#3	PVC	6	6.24	2.10%	STR: CO#1 IE: 19.53	STR: EX CB#10 IE: 19.40
P#4	PVC	6	4.30	49.05%	STR: CB#3 IE: 21.75	STR: WYE#2 IE: 19.64
P#5	PVC	6	120.53	1.00%	STR: CO#6 IE: 20.60	STR: EX CB#10 IE: 19.40
P#6	PVC	6	25.00	2.00%	STR: FD#1 IE: 21.26	STR: FD#2 IE: 20.76
P#7	PVC	6	7.93	2.00%	STR: CONN TO EX AD IE: 20.66	STR: EX CB#11 IE: 20.50
P#8	PVC	6	5.62	2.00%	STR: CB#1 IE: 20.69	STR: BEND#1 IE: 20.58
P#9	PVC	6	4.11	2.00%	STR: BEND#1 IE: 20.58	STR: EX CB#11 IE: 20.50
P#10	PVC	6	3.48	2.00%	STR: CO#5 IE: 20.76	STR: CB#1 IE: 20.69
P#11	PERF PVC	6	31.03	0.00%	STR: CO#8 IE: 21.26	STR: FD#1 IE: 21.26
P#12	PVC	6	3.31	1.00%	STR: WYE#1 IE: 21.78	STR: CB#3 IE: 21.75
P#13	PERF PVC	6	4.34	1.00%	STR: CO#9 IE: 21.83	STR: WYE#1 IE: 21.78
P#14	PVC	6	4.13	2.03%	STR: EX AD#1 IE: 20.69	STR: CO#6 IE: 20.60
P#15	PERF PVC	6	29.07	0.00%	STR: FD#2 IE: 20.76	STR: CO#5 IE: 20.76
P#16	PERF PVC	6	76.80	0.50%	STR: CO#7 IE: 22.17	STR: WYE#1 IE: 21.78
P#17	SLOTTED PVC	6	21.48	0.00%	STR: BIO CO IE: 19.99	STR: CB#2 IE: 19.99

STORM FITTINGS TABLE

NAME	DETAILS	N/E
BEND#1	P#8 INV IN = 20.58 P#9 INV OUT = 20.58	N:239791.20 E:1278838.02
WYE#1	P#13 INV IN = 21.78 P#16 INV IN = 21.78 P#12 INV OUT = 21.78	N:239809.05 E:1278928.41
WYE#2	P#1 INV IN = 19.64 P#4 INV IN = 19.64 P#2 INV OUT = 19.64	N:239816.54 E:1278927.15

STORM STRUCTURE TABLE

NAME	DETAILS	N/E
BIO CO	CLEANOUT RIM = 23.74 P#17 INV OUT = 19.99	N:239808.38 E:1278878.54
CB#1	COS TYPE 241 CB RIM = 23.38 P#10 INV IN = 20.69 P#8 INV OUT = 20.69	N:239785.77 E:1278839.47
CB#2	COS TYPE 241 CB RIM = 23.24 P#17 INV IN = 19.99 P#1 INV OUT = 19.99	N:239813.36 E:1278899.44
CB#3	COS TYPE 241 CB RIM = 23.84 P#12 INV IN = 21.75 P#4 INV OUT = 21.75	N:239812.27 E:1278927.64
CO#1	CLEANOUT RIM = 23.95 P#2 INV IN = 19.53 P#3 INV OUT = 19.53	N:239817.55 E:1278935.85
CO#5	CLEANOUT RIM = 23.55 P#15 INV IN = 20.76 P#10 INV OUT = 20.76	N:239784.97 E:1278836.09
CO#6	CLEANOUT RIM = 23.92 P#14 INV IN = 20.60 P#5 INV OUT = 20.60	N:239694.29 E:1278965.45
CO#7	CLEANOUT RIM = 23.85 P#16 INV OUT = 22.17	N:239791.14 E:1278853.74
CO#8	CLEANOUT RIM = 23.54 P#11 INV OUT = 21.26	N:239702.20 E:1278855.89
CO#9	CLEANOUT RIM = 23.87 P#13 INV OUT = 21.83	N:239810.07 E:1278932.64
EX AD#1	EX AREA DRAIN RIM = 23.88 P#14 INV OUT = 20.69	N:239693.45 E:1278961.40
EX AD#2	EX AREA DRAIN RIM = 23.88 EX P#5 INV OUT = 21.20	N:239674.65 E:1278873.54
EX CB#10	ADJUST EX RIM TO FINISH GRADE RIM = 23.99 P#3 INV IN = 19.40 P#5 INV IN = 19.40 EX P#4 INV OUT = 19.40	N:239811.51 E:1278937.40
EX CB#11	ADJUST EX RIM TO FINISH GRADE RIM = 23.79 P#9 INV IN = 20.50 P#7 INV IN = 20.50 EX P#1 INV OUT = 20.50	N:239792.17 E:1278842.02
FD#1	FRENCH DRAIN RIM = 21.82 P#11 INV IN = 21.26 P#6 INV OUT = 21.26	N:239732.38 E:1278848.67
FD#2	FRENCH DRAIN RIM = 21.32 P#6 INV IN = 20.76 P#15 INV OUT = 20.76	N:239756.69 E:1278842.85
TD#1	TRENCH DRAIN RIM = 24.46 TD#1 INV OUT = 23.43	N:239798.27 E:1278853.98
TD#2	TRENCH DRAIN RIM = 24.39 TD#1 INV IN = 23.36	N:239800.34 E:1278862.63
TD#3	TRENCH DRAIN RIM = 24.34 TD#2 INV IN = 23.31	N:239810.35 E:1278904.36
TD#4	TRENCH DRAIN RIM = 24.46 TD#2 INV OUT = 23.43	N:239814.44 E:1278921.46

LEGEND

- PERFORATED UNDERDRAIN PIPE
- FRENCH DRAIN (4 C705)
- FD — FOUNDATION DRAIN
- EXISTING STORM PIPE TO REMAIN
- STORM PIPE (5 C705)
- TRENCH DRAIN, TD (3 C706)
- STORM CATCH BASIN (2 C705)
- STORM CLEANOUT (1 C705)
- COMPOST AMENDED VEGETATED FILTER STRIP W/ LEVEL SPREADER, WHERE INDICATED (3 C705)
- TREE PROTECTION

STORM DRAINAGE NOTES

1. SEE SHEET C100 FOR EXISTING LEGEND, GENERAL NOTES, AND ABBREVIATIONS.
2. SIDE SEWERS AND DRAINAGE FACILITIES SHALL BE CONSTRUCTED PER THE "REQUIREMENTS FOR DESIGN OF SIDE SEWERS (DRAINAGE & WASTEWATER)" DIRECTORS' RULE DPD 4–2011/2011–004 AND PER THE "2021 SEATTLE STORMWATER MANUAL" DIRECTORS' RULE SDCI 10–2021/SPU DWW–200.
3. A SEPARATE DRAINAGE AND SIDE SEWER PERMIT IS REQUIRED FOR ALL ONSITE DRAINAGE ELEMENTS AND SIDE SEWERS/SERVICE DRAINS. APPROVAL OF THIS PLAN IS REQUIRED PRIOR TO OBTAINING A DRAINAGE AND SIDE SEWER PERMIT.
4. DEVIATIONS FROM THE APPROVED DRAINAGE AND WASTEWATER CONTROL PLAN REQUIRE A FORMAL POST–SUBMITTAL REVISION FOR PLAN REVIEW AND APPROVAL. POST–SUBMITTAL REVISIONS MUST BE SUBMITTED ELECTRONICALLY THROUGH THE SDCI PROJECT PORTAL.
5. THE FOLLOWING BMPS ARE REQUIRED TO MEET CODE FOR ONSITE STORMWATER MANAGEMENT:
   - 5.1. NON–INFILTRATING BIORETENTION FACILITY
   - 5.2. COMPOST AMENDED VEGETATED FILTER STRIP (CAVFS)
   - 5.3. COMPOST AMENDED SOILS FOR ALL PLANTING AREAS
   - 5.4. TREES
6. FOR ALL CONNECTIONS TO THE EXISTING STORM DRAINAGE SYSTEM, FIELD VERIFY EX CONDITIONS PRIOR TO CONSTRUCTION. ADJUST CONNECTION LOCATION AS NEEDED. VERIFY ALL ADJUSTMENTS WITH PROJECT ENGINEER.
7. MAINTAIN EXISTING CONNECTION TO DOWNSPOUTS. FIELD VERIFY EXISTING LOCATIONS.
8. ALL EXCAVATION WITHIN TPA (TREE PROTECTION AREA) OF TREES TO REMAIN TO BE EXECUTED VIA HANDWORK USING AN AIR SPADE, DIRECTIONAL BORING OR OTHER NON–DESTRUCTIVE METHOD APPROVED BY OWNER'S ARBORIST.

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

JOSHUA MADISON TRAMEL — STATE OF WASHINGTON — #38359 — REGISTERED PROFESSIONAL ENGINEER

NO.	DATE	REVISION

PARTNER IN CHARGE
RT
PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT
PROJECT TEAM MEMBERS
CHECK

TITLE
DRAINAGE PLAN SOUTH

PROJECT NO.
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C702
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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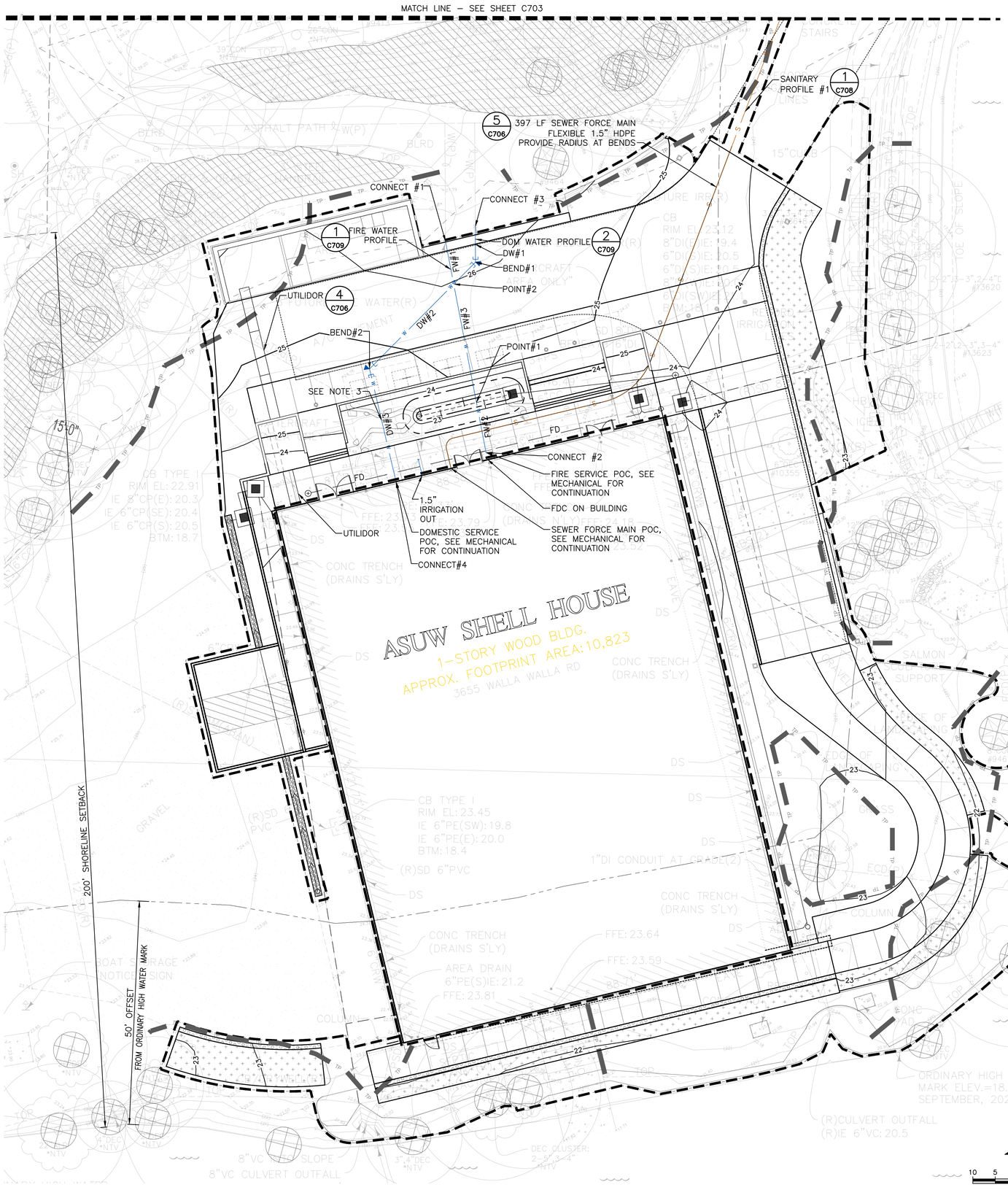

LEGEND

- CIVIL LIMITS OF WORK (LOW)
- SEWER PIPE
- EXISTING WATER PIPE TO REMAIN
- WATER PIPE
- WATER VALVE
- WATER FITTINGS
- CONCRETE THRUST BLOCK

5/C705

GENERAL UTILITY NOTES

1. SEE SHEET C100 FOR GENERAL NOTES AND ABBREVIATIONS.
2. COORDINATE WITH UW, UTILITY PURVEYORS (COS & SPU) AND FRANCHISE UTILITY WORK WITH SCL, PSE, COMCAST, AND CENTURYLINK PRIOR TO CONSTRUCTION AND CONFIRM SCHEDULING OF WORK, ROUTING AND SIZES OF UTILITIES.
3. FIELD VERIFY ALL ELEVATIONS OF EXISTING UTILITIES AND NOTIFY ENGINEER OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
4. SEE DEMO PLAN FOR ALL DEMOLITION.
5. PROVIDE A 3' MINIMUM COVER OVER WATER AND SANITARY SEWER LINES.
6. TYPICAL MINIMUM BEND RADIUS FOR 1.5" HDPE PIPE IS 20 TIMES OUTER DIAMETER. VERIFY PRIOR TO INSTALLATION WITH MANUFACTURER GUIDELINES.
7. COORDINATE WATER INVERT WITH EXISTING ELECTRIC TO REMAIN. FIELD VERIFY PRIOR TO CONSTRUCTION.
8. COORDINATE UTILIDOR WITH EX ELECTRIC. FIELD VERIFY EX ELECTRIC PRIOR TO CONSTRUCTION.

FIRE WATER PIPE TABLE

NAME	MATERIAL	LENGTH	START	END
FW#1	6" DIP	9.71	STR: CONNECT #1 IE: 22.80	STR: POINT#2 IE: 22.22
FW#2	6" DIP	11.38	STR: POINT#1 IE: 18.90	STR: CONNECT #2 IE: 18.90
FW#3	6" DIP	26.96	STR: POINT#2 IE: 22.22	STR: POINT#1 IE: 18.90

FIRE WATER STRUCTURE TABLE

NAME	DETAILS	N/E
CONNECT #1	CONNECT TO EX VALVE RIM = 23.35 FW#1 INV OUT = 22.80	N:239847.45 E:1278884.46
CONNECT #2	CONNECT TO BUILDING RIM = 19.45 FW#2 INV IN = 18.90	N:239800.27 E:1278893.51
POINT#1	DEFLECTION RIM = 19.45 FW#3 INV IN = 18.90 FW#2 INV OUT = 18.90	N:239811.44 E:1278891.37
POINT#2	DEFLECTION RIM = 22.77 FW#1 INV IN = 22.22 FW#3 INV OUT = 22.22	N:239837.92 E:1278886.29

DOMESTIC WATER PIPE TABLE

NAME	MATERIAL	LENGTH	START	END
DW#1	3" CU	7.95	STR: CONNECT #3 IE: 23.05	STR: BEND#1 IE: 21.87
DW#2	3" CU	33.62	STR: BEND#1 IE: 21.87	STR: BEND#2 IE: 20.33
DW#3	3" CU	25.87	STR: BEND#2 IE: 20.50	STR: CONNECT#4 IE: 20.60

DOMESTIC WATER STRUCTURE TABLE

NAME	DETAILS	N/E
BEND#1	45° BEND RIM = 22.25 DW#1 INV IN = 21.87 DW#2 INV OUT = 21.87	N:239842.83 E:1278891.16
BEND#2	45° BEND RIM = 20.88 DW#2 INV IN = 20.33 DW#3 INV OUT = 20.50	N:239818.96 E:1278867.47
CONNECT #3	CONNECT TO EX VALVE RIM = 23.42 DW#1 INV OUT = 23.05	N:239850.78 E:1278891.11
CONNECT#4	CONNECT TO BUILDING RIM = 20.97 DW#3 INV IN = 20.60	N:239793.78 E:1278873.39

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PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

NO. DATE REVISION

PARTNER IN CHARGE
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PROJECT MANAGER
RT
PROJECT LANDSCAPE ARCHITECT
PROJECT TEAM MEMBERS
CHECK

TITLE
WATER AND SANITARY PLAN SOUTH

PROJECT NO.
2327300 / UW 206756
DATE
APRIL 30TH, 2025

SHEET NUMBER
C704
GMP SET

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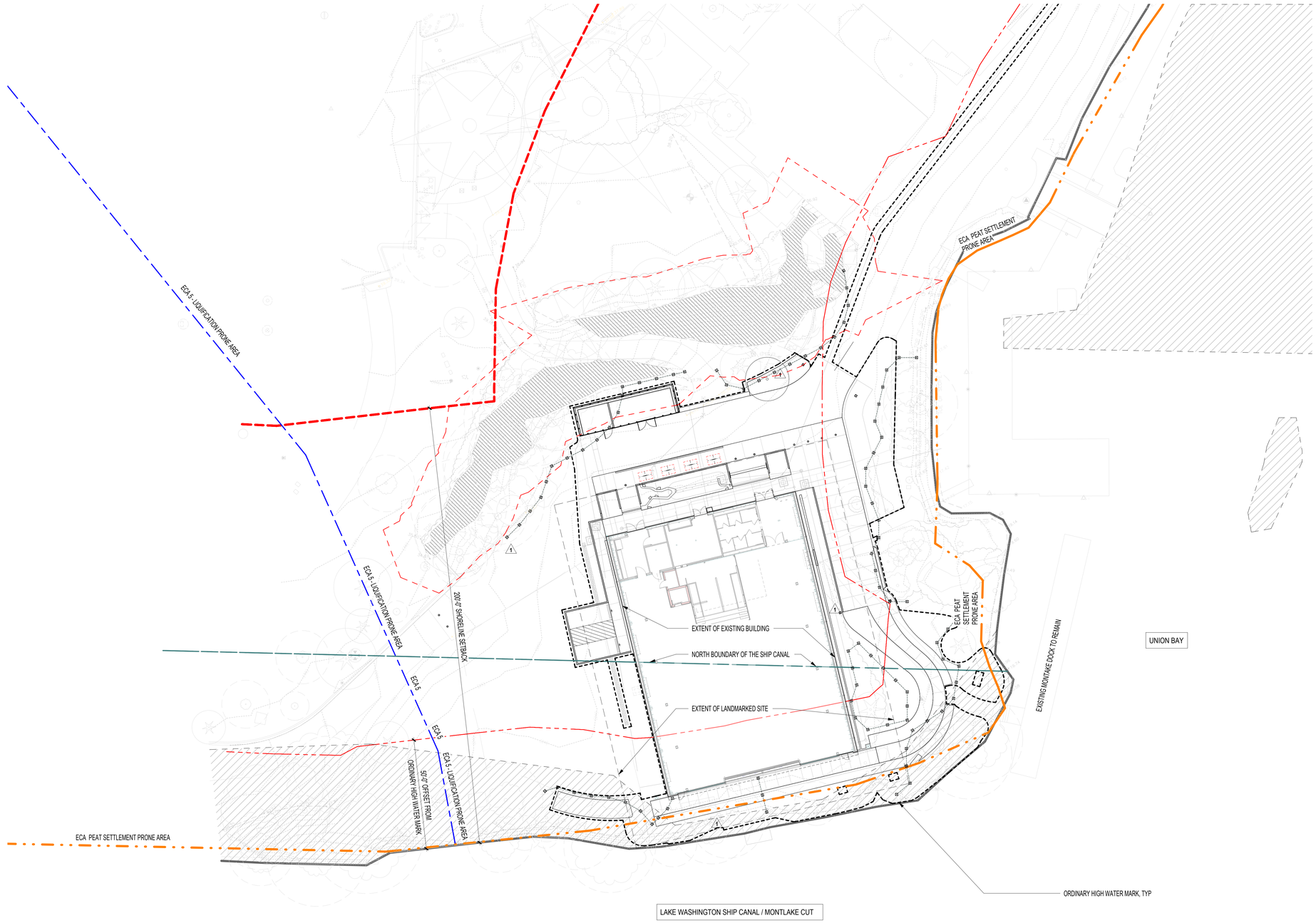

11 OVERALL SITE PLAN
1" = 20'-0"

0 10' 20' 40' 60'
1" = 20'

LEGEND

- LIMIT OF WORK
- 200'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 50'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- ENVIRONMENTAL CRITICAL AREA - STEEP SLOPE 40% AVERAGE
- ECA STEEP SLOPE BUFFER, 15'-0" OFFSET TYP
- ENVIRONMENTAL CRITICAL AREA 10 - WILDLIFE HABITAT
- ECA 5 - LIQUIFICATION PRONE AREA
- ECA PEAT SETTLEMENT PRONE AREA
- TREE PROTECTION FENCING (8 / L5.03)

NOTES:
THE ENTIRE LIMIT OF WORK IS WITHIN:

1. ECA 5 - LIQUIFICATION PRONE AREA.
2. ECA 11 - PEAT SETTLEMENT PRONE AREA, CATEGORY 2.

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ASUW SHELL HOUSE RENOVATION

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PREPARED FOR
UNIVERSITY OF WASHINGTON

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THE NEXT 100 YEARS

NO	DATE	REVISION
1	04/02/2025	SSDP CORR #1

PARTNER IN CHARGE
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PROJECT MANAGER
EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL

STATE OF WASHINGTON · DAKOTA JANE KEENE · NO 1308 EXP 1/14/2027 · LICENSED LANDSCAPE ARCHITECT

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
OVERALL SITE PLAN

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
L0.01
GMP

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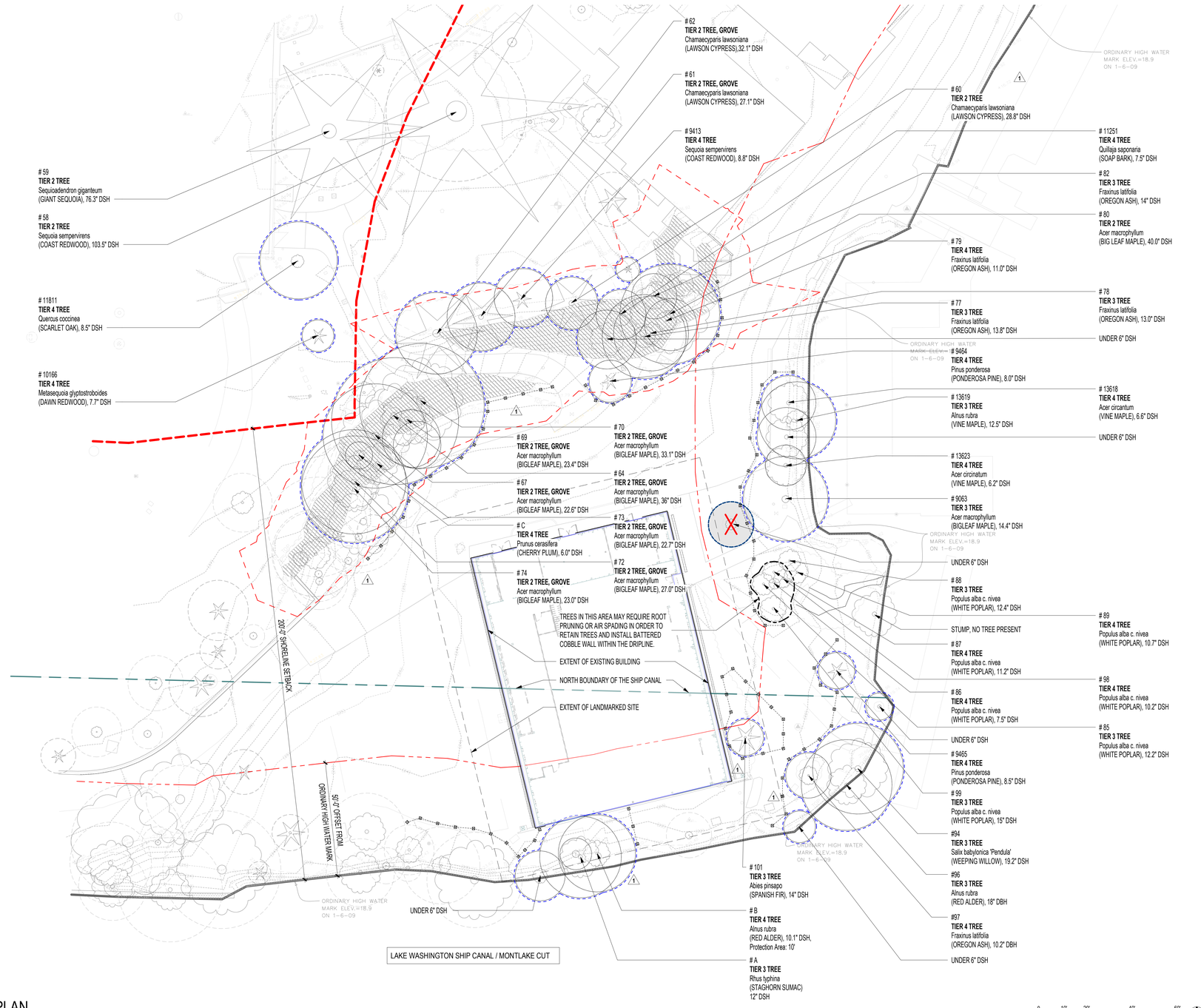

16 TREE RETENTION PLAN
1" = 20'-0"

0 10' 20' 40' 60'
1" = 20'

LEGEND

- 200'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 50'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- ENVIRONMENTAL CRITICAL AREA - STEEP SLOPE 40% AVERAGE
- ECA STEEP SLOPE BUFFER, 15'-0" OFFSET TYP

TREES TO BE REMOVED
REFER TO EXISTING TREE SCHEDULE FOR DETAIL TREE SIZE AND TYP
BASIC TREE PROTECTION AREA, TYP
TREE TYPE, DIA @ DSH

EXISTING TREES TO BE RETAINED
PROTECTION IN PLACE PER TREE PROTECTION DETAIL PER CIVIL
BASIC TREE PROTECTION AREA
TREE TYPE, DIA @ DSH

TREE MASSING OF TREES TO BE RETAINED
BASIC TREE PROTECTION AREA, TYP
TREE MASSING OUTLINE

TREE PROTECTION FENCING 8 / L5.03

NOTES:

1. DSH (DIAMETER AT STANDARD HEIGHT) IS MEASURED 4.5 FEET ABOVE GRADE.
2. DSH FOR MULTI-STEM TREES ARE NOTED AS A SINGLE STEM EQUIVALENT, CALCULATED AS THE SQUARE ROOT OF THE SUM OF THE DSH FOR EACH INDIVIDUAL STEM SQUARED.
3. TIERS ARE BASED ON SMC 25.11 AND DIRECTOR'S RULE 7-2023.
4. TREE PROTECTION AREA IS CALCULATED AS 10 TIMES DSH OR GREATER DEPENDING ON TREE SPECIES, HEALTH, AND AGE.
5. TREE ID IS ASSIGNED BY UW. MOST TREES IN THIS AREA DO NOT HAVE TAGS. LETTERS IDENTIFY TREES THAT ARE NOT LISTED IN THE UW GIS TREE DATABASE.
6. PER SMC 25.11.130, A TREE GROVE IS EIGHT OF MORE TREES EACH WITH A DSH OF GREATER THAN 12 INCHES WITH A CONTINUOUSLY OVERLAPPING CANOPIES, EXCLUDING CERTAIN SPECIES AND TREES GROWING ENTIRELY IN "THE PUBLIC PLACE" OR RIGHT-OF-WAY.
7. PLANTING, DISTURBING, OR REMOVING VEGETATION IN SOME ECAS AND THEIR BUFFERS (LANDSLIDE-PRONE CRITICAL AREAS, STEEP SLOPE EROSION HAZARD AREAS, WETLANDS, AND WILDLIFE HABITAT CONSERVATION AREAS) ARE RESTRICTED (SMC 25.09.070). STEEP SLOPES SLOPES BUFFER INCLUDE AREAS WITHIN 15-FEET OF THE TOP AND TOE OF A SLOPE.
8. ALL EXCAVATION WITHIN TPA (TREE PROTECTION AREA) OF TREES TO REMAIN TO BE EXECUTED VIA HANDWORK USING AN AIR SPADE, DIRECTIONAL BORING OR OTHER NON-DESTRUCTIVE METHOD APPROVED BY OWNER'S ARBORIST.

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PROJECT
ASUW SHELL HOUSE RENOVATION
LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195
PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON
THE NEXT 100 YEARS

NO	DATE	REVISION
1	04/02/2025	SSDP CORR #1

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL
STATE OF WASHINGTON · DAKOTA JANE KEENE · NO. 1308 EXP. 11/4/2027 · LICENSED LANDSCAPE ARCHITECT

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TITLE
TREE RETENTION PLAN
PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025
SHEET NUMBER
L0.02
GMP

ORIGINAL SHEET SIZE 30" x 42"

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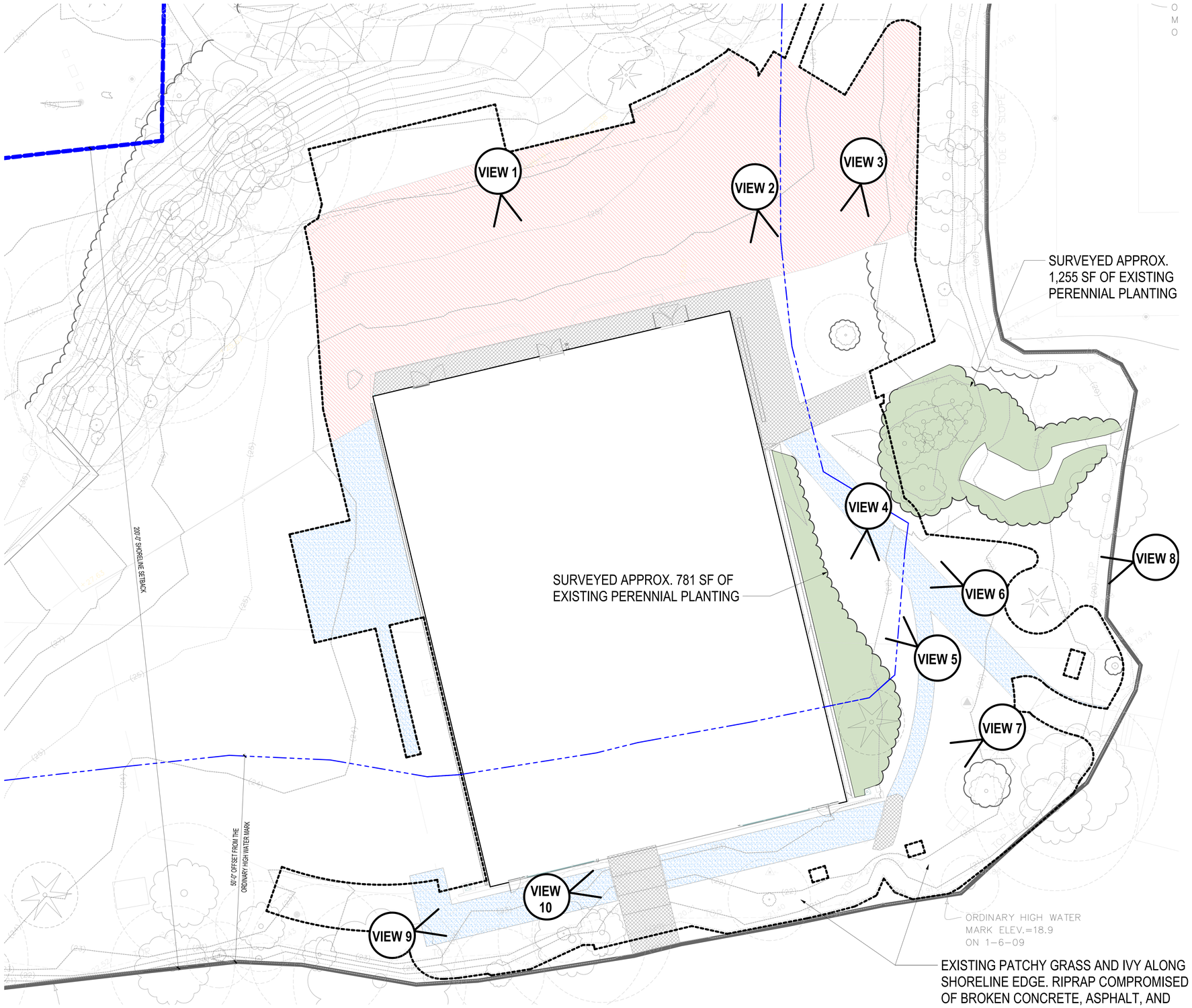

11 EXISTING CONDITIONS
1" = 10'-0"

0 5' 10' 20' 30'
1" = 10'

EXISTING CONDITIONS LEGEND

- LIMIT OF WORK
- 200'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 50'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 15'-0" OFFSET FROM ECA - STEEP SLOPE
- ENVIRONMENTAL CRITICAL AREA - STEEP SLOPE 40% AVERAGE
- (E) PA — EXISTING PLANTING AREA
- (E) ASPHALT - 7,056 SF
- (E) CONCRETE - 1,402 SF
- (E) GRAVEL - 2,843 SF

NORTH SIDE OF THE SITE

NORTH EAST SIDE OF THE LANDMARKED SITE

EAST SIDE OF LANDMARKED SITE

EAST SIDE OF LANDMARKED SITE

SOUTH SIDE OF LANDMARKED SITE

SOUTH SIDE OF LANDMARKED SITE

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LANDSCAPE ARCHITECT SEAL

STATE OF WASHINGTON
DAKOTA JANE KEENE
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TITLE
EXISTING SITE CONDITIONS

PROJECT NO.
2327300 / UW 206756
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04/30/2025

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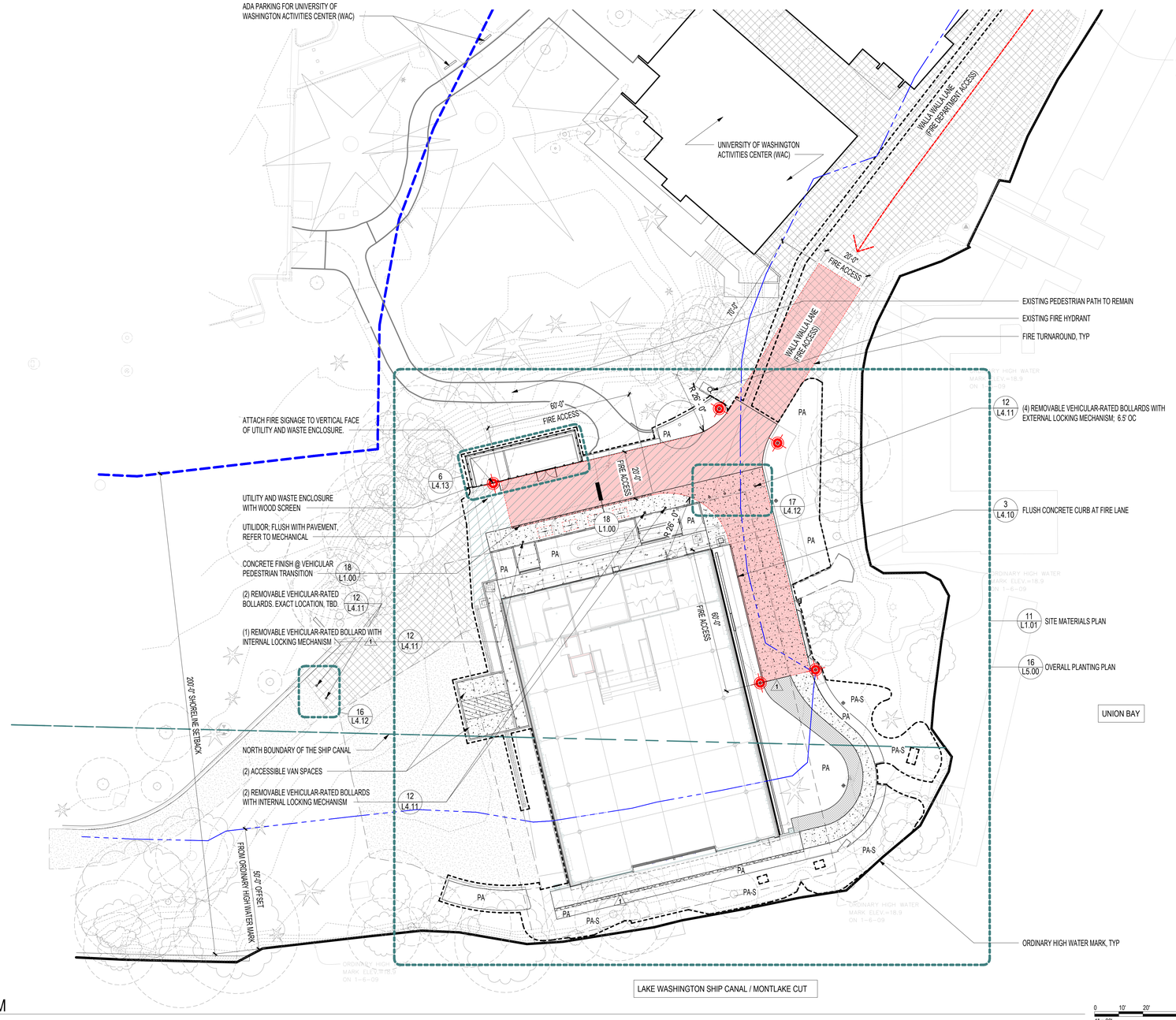


11 FIRE ACCESS DIAGRAM
1" = 20'-0"

0 10' 20' 40' 60'
1" = 20'

LEGEND

- LIMIT OF WORK
- 200'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 50'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- PA — PLANTING AREA
- PA-S — SHORELINE PLANTING
- EXISTING TREES TO RETAIN & PROTECT, REFER TO L0.02, L0.03
- CONCRETE CEMENT SIDEWALK - REFER TO CIVIL; LIGHT BROOM FINISH, UNO — 2 L4.10
- HEAVY DUTY CONCRETE PAVEMENT - REFER TO CIVIL; LIGHT BROOM FINISH, UNO
- ASPHALT - REFER TO CIVIL
- GRASSPAVE 2 — 6 L4.10, 7 L4.10
- EXISTING ASPHALT TO REMAIN
- EXISTING GRAVEL TO REMAIN
- VEHICULAR-RATED REMOVABLE BOLLARDS, (9) TOTAL — 12 L4.11 / 1
- PROPOSED TREE
- FIRE ACCESS SIGNAGE LOCATIONS — 16 L1.00, 17 L1.00
- EXISTING FIRE ACCESS ROUTE
- LIGHT POLES, REFER TO LIGHTING
- EXISTING MAJOR CONTOURS
- PROPOSED MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MINOR CONTOURS

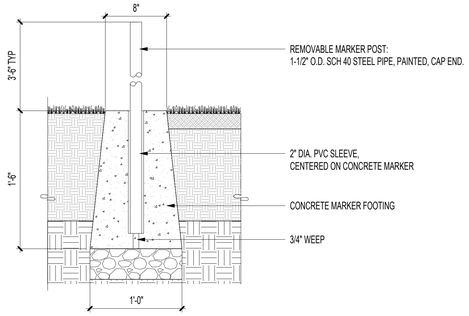
SIGN TYPE "A" | SIGN TYPE "C" | SIGN TYPE "D"

NO PARKING / FIRE LANE → | NO PARKING / FIRE LANE ← | NO PARKING / FIRE LANE

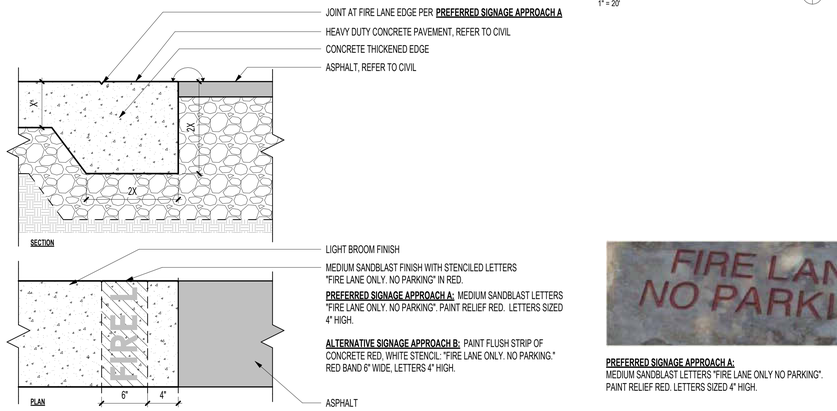
12" | 12" | 12" — 18"

NOTE:
POST MOUNTED UNO

16 FIRE SIGNAGE
1 1/2" = 1'-0"



17 FIRE SIGNAGE FOOTING
1 1/2" = 1'-0"



18 CONCRETE FINISH @ VEHICULAR PEDESTRIAN TRANSITION
1 1/2" = 1'-0"

PREFERRED SIGNAGE APPROACH A:
MEDIUM SANDBLAST LETTERS "FIRE LANE ONLY NO PARKING". PAINT RELIEF RED. LETTERS SIZED 4" HIGH.

ALTERNATIVE SIGNAGE APPROACH B:
PAINT FLUSH STRIP OF CONCRETE RED. WHITE STENCIL: "FIRE LANE ONLY NO PARKING." RED BAND 6" WIDE, LETTERS 4" HIGH.

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LANDSCAPE ARCHITECT SEAL
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SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
FIRE ACCESS DIAGRAM

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
L1.00
GMP

ORIGINAL SHEET SIZE: 36" x 42"

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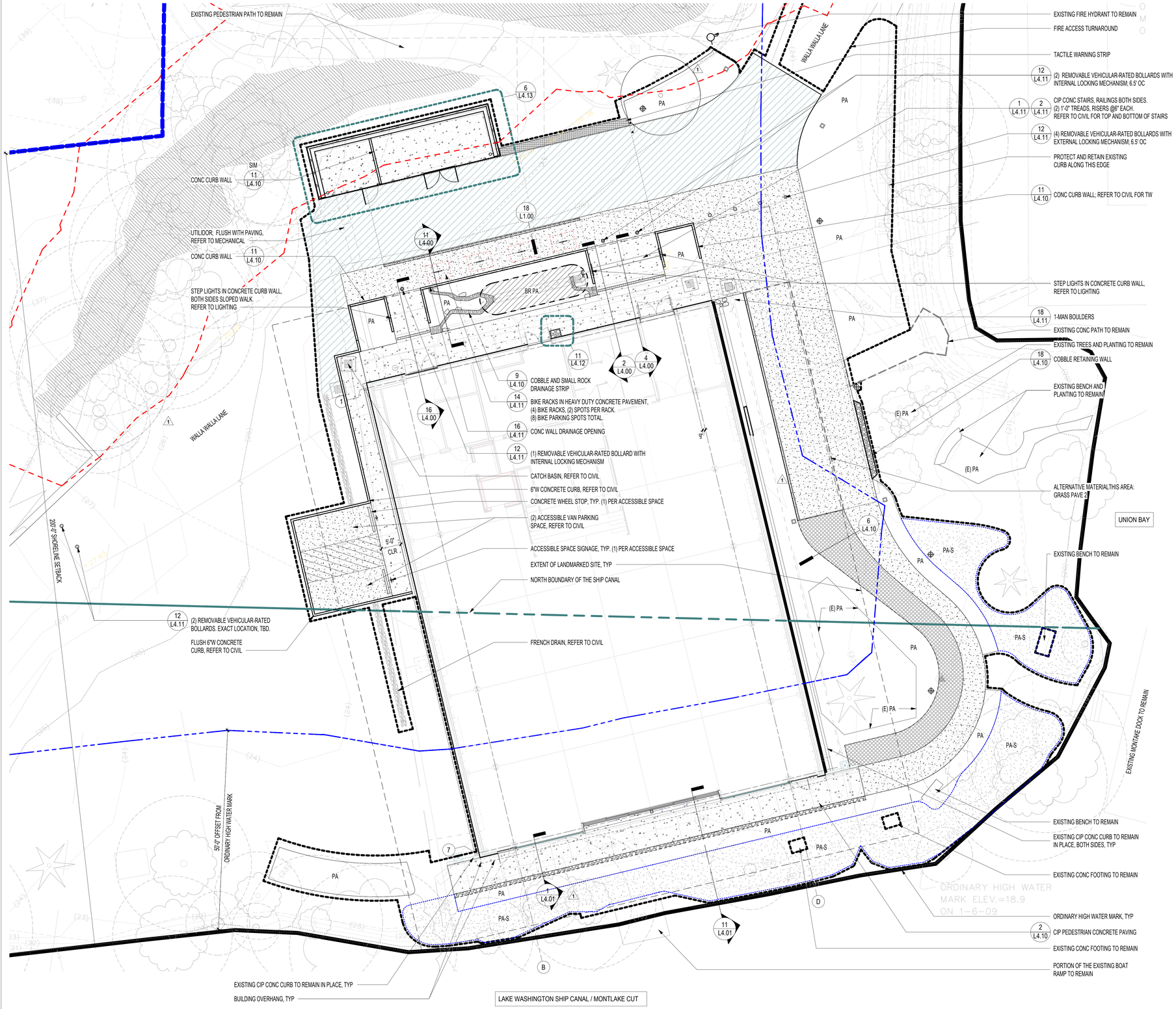
J:\Active Docs (CE)\2300_2599\2327300_ASUW Shell House Restoration\05CAD\Shell House_L0-11.vwx



11 SITE MATERIALS PLAN
1" = 10'-0" | 11/L1.00

0 5' 10' 20' 30'
1" = 10'

SITE MATERIALS LEGEND

- LIMIT OF WORK
- 200'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 50'-0" OFFSET FROM ORDINARY HIGH WATER MARK
- 15'-0" OFFSET FROM ECA - STEEP SLOPE
- ENVIRONMENTAL CRITICAL AREA - STEEP SLOPE 40% AVERAGE
- (E) PA — EXISTING PLANTING AREA
- PA — PROPOSED PLANTING AREA, REFER TO L5.00, L5.02
- BR PA — PROPOSED BIORETENTION PLANTING AREA, REFER TO L5.00, L5.02
- PA-S — PROPOSED SHORELINE PLANTING, REFER TO L5.00, L5.02
- EXISTING TREES TO RETAIN & PROTECT, REFER TO L0.02, L0.03
- DRIPLINE, TYP
- EXISTING MAJOR CONTOURS
- PROPOSED MAJOR CONTOURS
- EXISTING MINOR CONTOURS
- PROPOSED MINOR CONTOURS
- CONCRETE CURB WALL — 1 L4.00 / 11 L4.10
- CONCRETE RETAINING WALL — 12 L4.10
- 6 L4.12 WOOD ENCLOSURE SCREEN @ CONC RETAINING WALL
- CONCRETE CEMENT SIDEWALK - REFER TO CIVIL; LIGHT BROOM FINISH, UNO — 2 L4.10
- 1 L4.10 CONCRETE JOINTS
- HEAVY DUTY CONCRETE PAVEMENT - REFER TO CIVIL; LIGHT BROOM FINISH, UNO
- 1 L4.10 CONCRETE JOINTS
- ASPHALT - REFER TO CIVIL
- GRASSPAVE 2 — 6 L4.10 / 7 L4.10
- TACTILE WARNING STRIPS
- COBBLE AND SMALL ROCK DRAINAGE STRIP — 9 L4.10
- 18 L4.11 1-MAN BOULDERS, PER PLAN
- GRAVEL LEVEL SPREADER WITH METAL EDGE RESTRAINT — 19 L4.11
- 16 L4.10 METAL EDGE RESTRAINT
- TRENCH DRAIN — 17 L4.10
- VEHICULAR-RATED REMOVABLE BOLLARDS, (9) TOTAL — 12 L4.11
- PROPOSED TREE — 7 L5.03
- BIKE RACKS, CAMPUS STANDARD (2) BIKE SPACES PER RACK • (8) TOTAL SPACES PROVIDED — 14 L4.11
- LIGHT POLES, REFER TO LIGHTING
- FIRE ACCESS SIGNAGE LOCATIONS, (5) TOTAL. REFER TO L1.00. — 16 L1.00 / 17 L1.00

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LOS ANGELES / 5837 Adams Blvd Culver City, CA 90232 / 323.937.2150
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PROJECT
ASUW SHELL HOUSE RENOVATION
LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON
THE NEXT 100 YEARS

NO.	DATE	REVISION
1	04/02/2025	SSDP CORR #1

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL
STATE OF WASHINGTON · DAKOTA JANE KEENE · NO. 1308 EXP. 1/14/2027 · LICENSED LANDSCAPE ARCHITECT

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
SITE MATERIALS PLAN

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
L1.01
GMP

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ORIGINAL SHEET SIZE 36" x 42"

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16 JOINTING AND SITE ELEMENT LAYOUT PLAN
1" = 10'-0"

0 5' 10' 20' 30'
1" = 10'

LEGEND

- LIMIT OF WORK
- SCORE JOINT — 1 / L4.10
- CONTROL JOINT — C/J — 1 / L4.10
- EXPANSION JOINT — 1 / L4.10
- PA — PLANTING AREA
- BRPA — BIORETENTION PLANTING AREA
- PA-S — SHORELINE PLANTING AREA
- ALIGN
- BIKE RACKS, CAMPUS STANDARD
  2) BIKE SPACES PER RACK
  • (8) TOTAL SPACES PROVIDED
- CENTERLINE

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

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EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL

STATE OF WASHINGTON
DAKOTA JANE KEENE
NO. 1308 EXP. 1/14/2027
LICENSED LANDSCAPE ARCHITECT

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
JOINTING AND SITE ELEMENT LAYOUT PLAN

PROJECT NO
23273OO / UW 206756
DATE
04/30/2025

SHEET NUMBER
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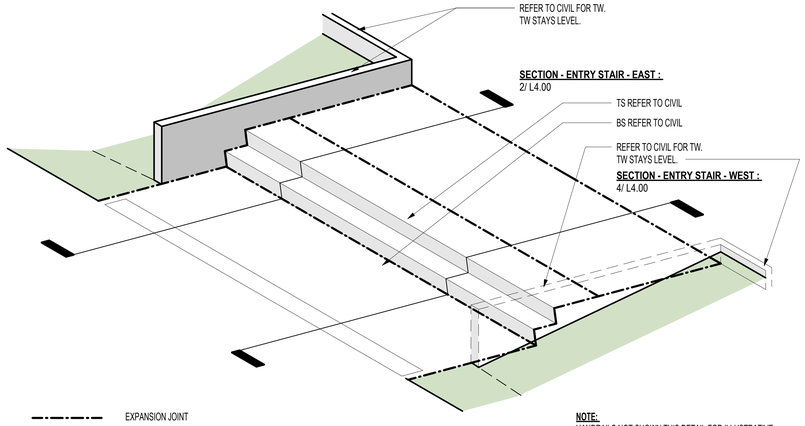
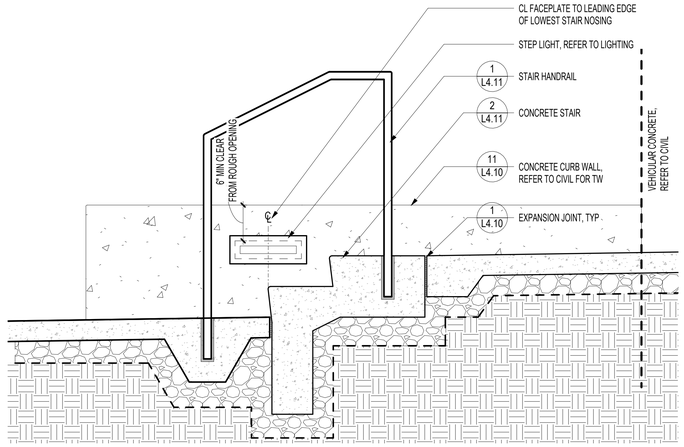
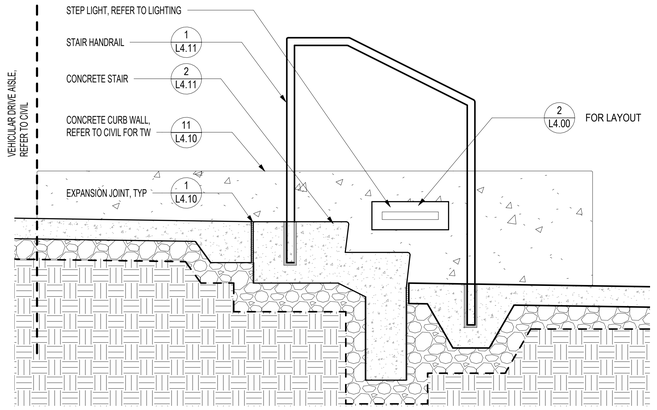


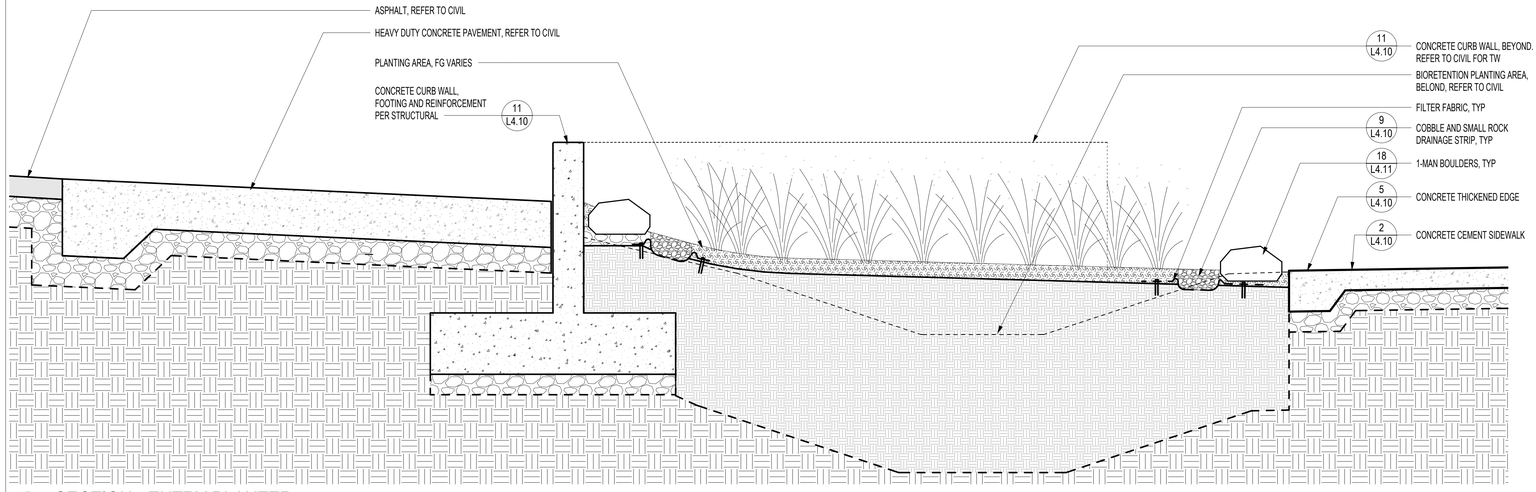
1 ENTRY STAIR - AXON
1/2" = 1'-0"



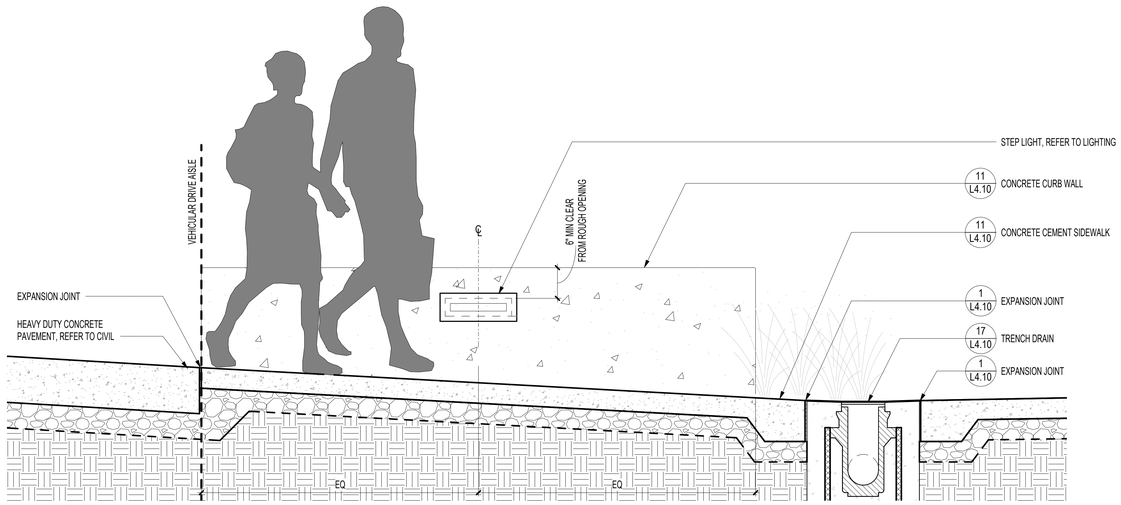
2 SECTION - ENTRY STAIR - WEST
1" = 1'-0"



4 SECTION - ENTRY STAIR - EAST
1" = 1'-0"



11 SECTION - ENTRY PLANTER
1" = 1'-0"



16 SECTION - NW SLOPED WALK
1" = 1'-0"

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THE NEXT 100 YEARS

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DK
PROJECT TEAM MEMBERS
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LANDSCAPE ARCHITECT SEAL

STATE OF WASHINGTON
DAKOTA JANE KEENE
NO 1308 EXP 1/14/2027
LICENSED LANDSCAPE ARCHITECT

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TITLE
SITE SECTIONS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
L4.00
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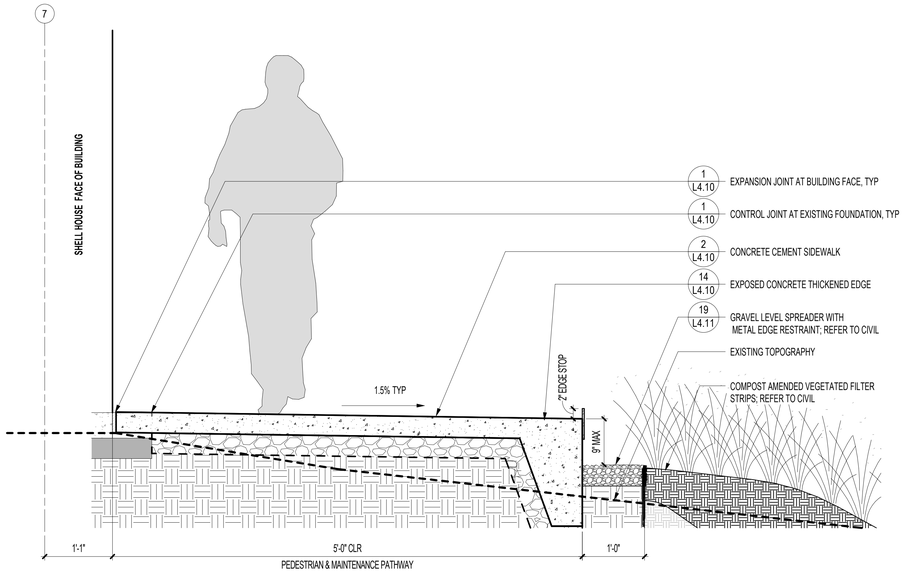
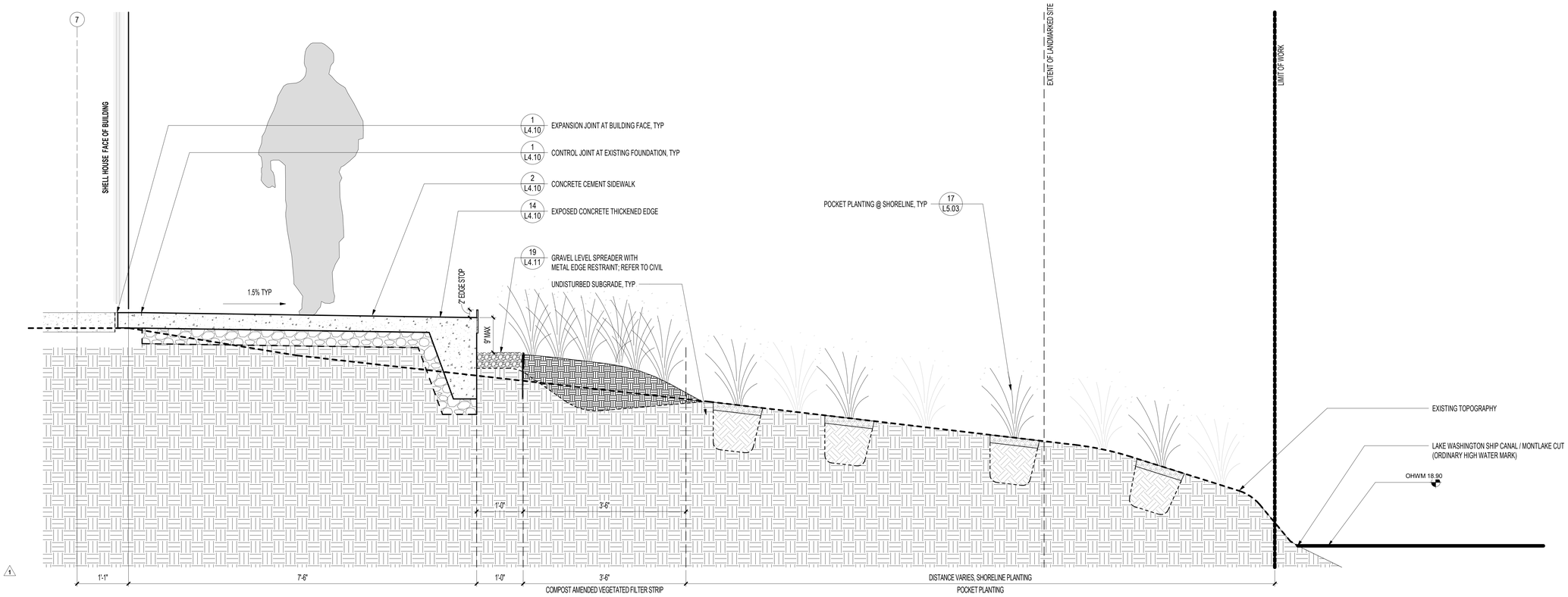


1 SECTION - ACCESSIBLE WALKWAY
1" = 1'-0"



11 SECTION - AT CURTAIN WALL
1" = 1'-0"

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PROJECT TEAM MEMBERS
CSR
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LANDSCAPE ARCHITECT SEAL

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
SITE SECTIONS

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
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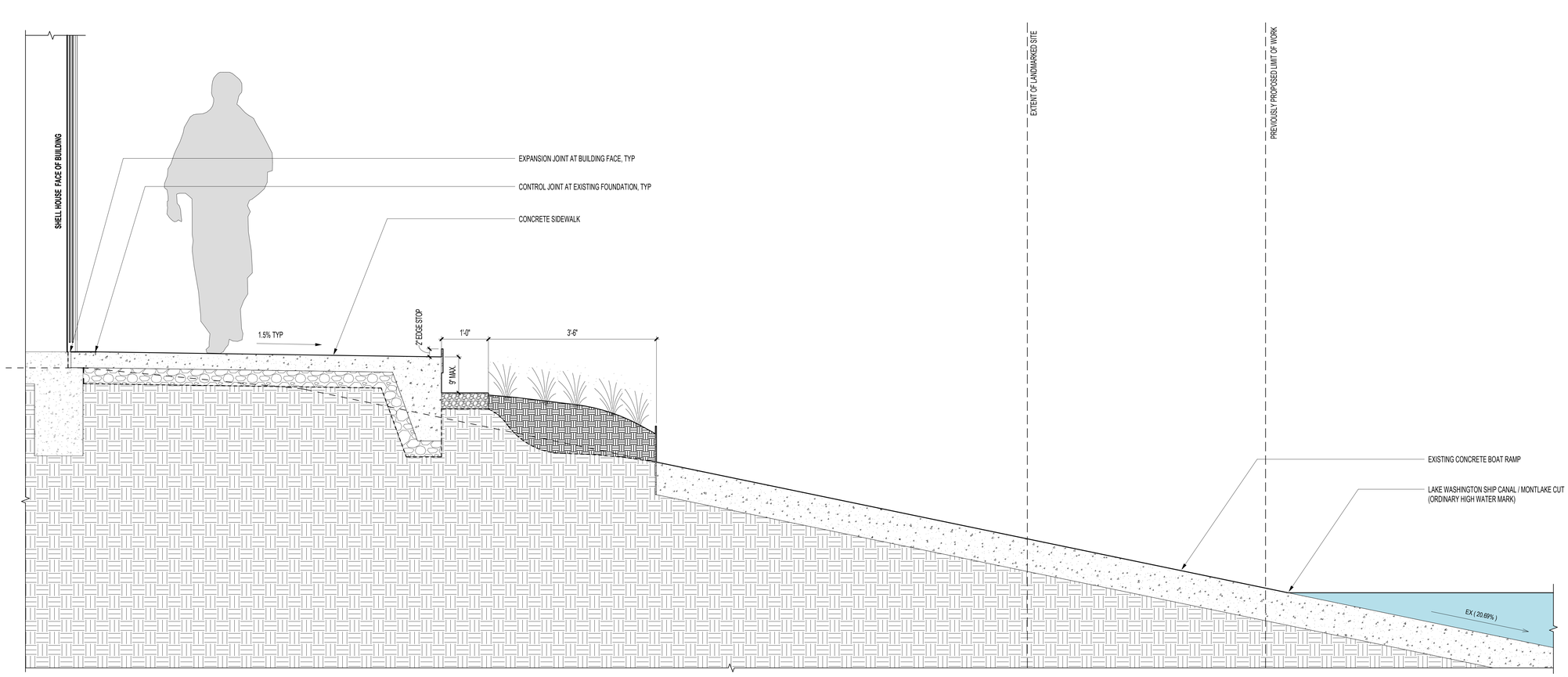

16 SECTION - AT EXISTING BOAT RAMP
1" = 1'-0" | 11/L1.01

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ASUW SHELL HOUSE RENOVATION

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PREPARED FOR
UNIVERSITY OF WASHINGTON

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THE NEXT 100 YEARS

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PARTNER IN CHARGE
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DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
SITE SECTIONS

PROJECT NO
2327300 / UW 206756
DATE
08/11/25

SHEET NUMBER
L4.02
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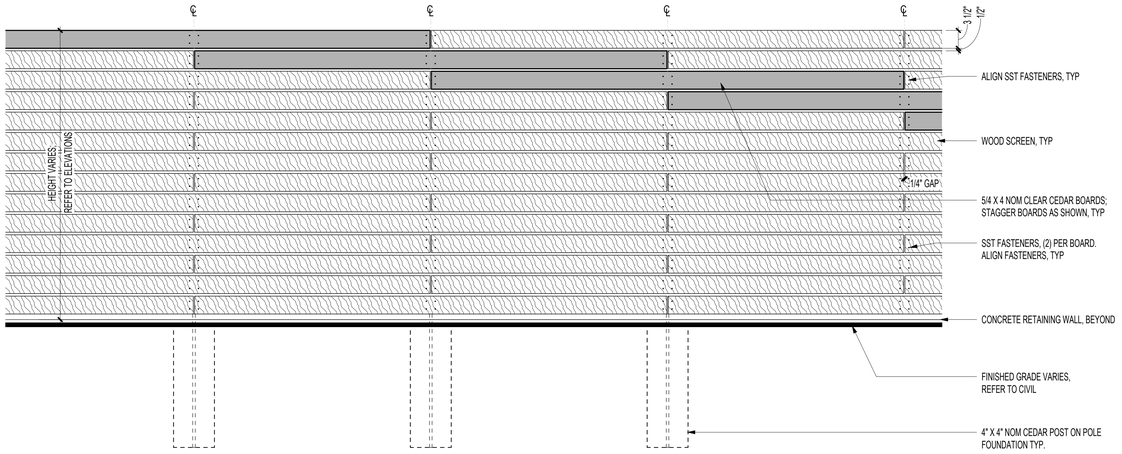
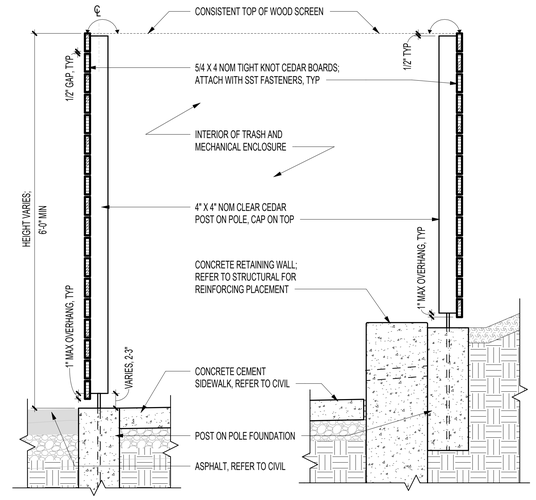


ELEVATION

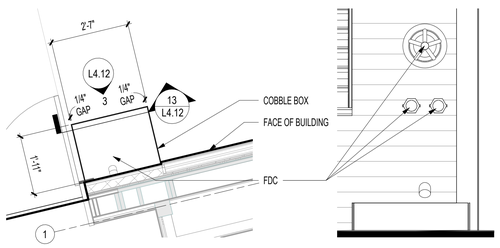
6 WOOD SCREEN AT UTILITY AND TRASH ENCLOSURE

1" = 1'-0"



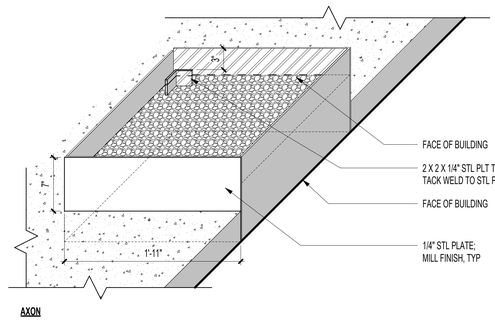
SECTION @ VEHICULAR ASPHALT

SECTION @ CONCRETE RETAINING WALL



PLAN ENLARGEMENT

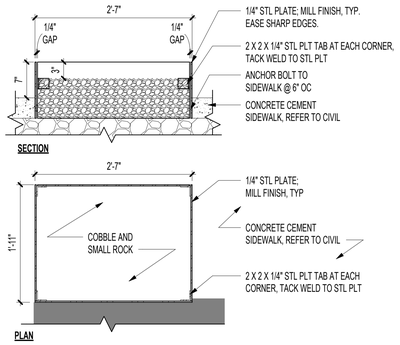
ELEVATION



AXON

11 COBBLE BOX

1/2" = 1'-0" | 11/L1.01

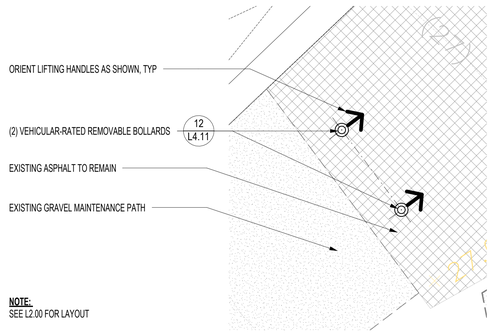


SECTION

PLAN

13 COBBLE BOX SECTION

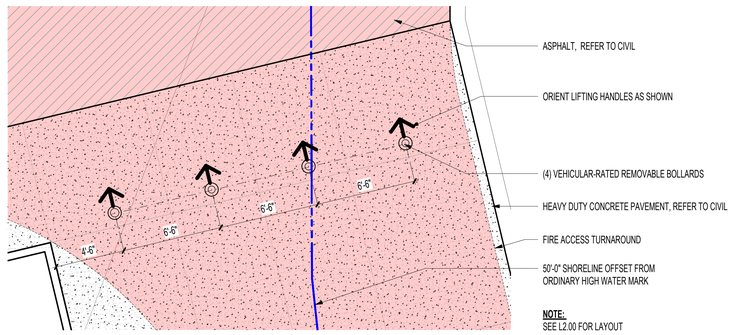
1" = 1'-0" | 11/L4.12



NOTE:
SEE L2.00 FOR LAYOUT

16 REMOVABLE VEHICULAR-RATED BOLLARDS - LAYOUT - A

1/4" = 1'-0" | 11/L1.00



NOTE:
SEE L2.00 FOR LAYOUT

17 REMOVABLE VEHICULAR-RATED BOLLARDS - LAYOUT - B

1/4" = 1'-0" | 11/L1.00

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION
1	04/02/2025	SSDP CORR #1

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PROJECT MANAGER
EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL

STATE OF WASHINGTON
DAKOTA JANE KEENE
NO. 1308 EXP. 1/14/2027
LICENSED LANDSCAPE ARCHITECT

SEATTLE DCI / OPCD APPROVAL STAMP

TITLE
SITE DETAILS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
L4.12
GMP

ORIGINAL SHEET SIZE 36" x 42"

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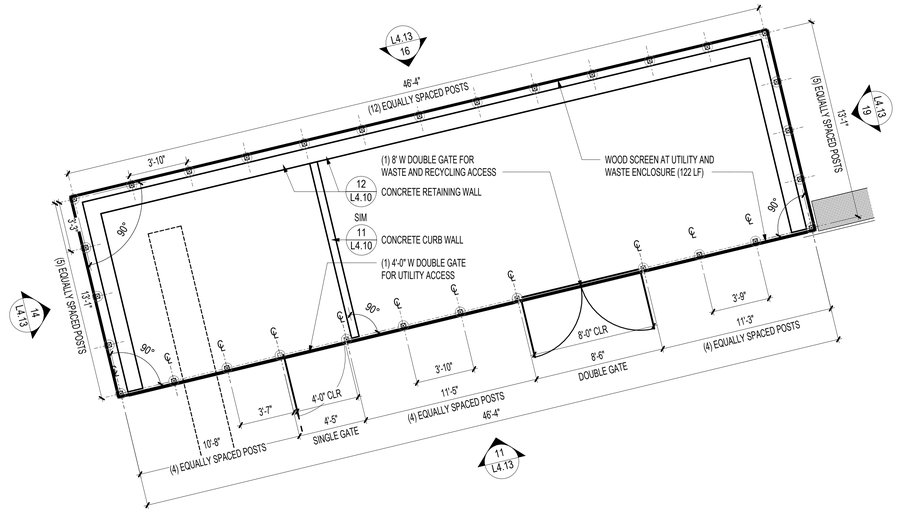
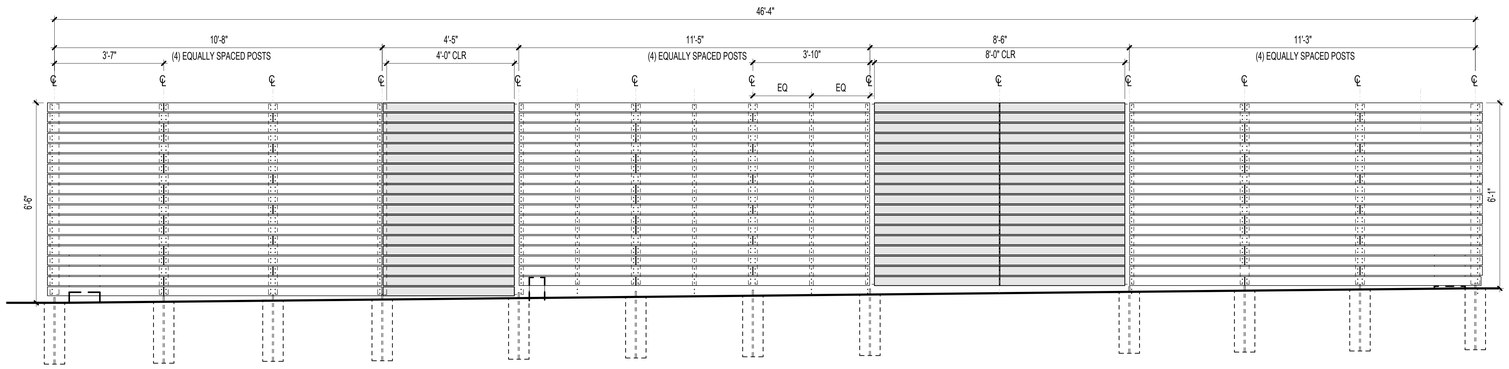


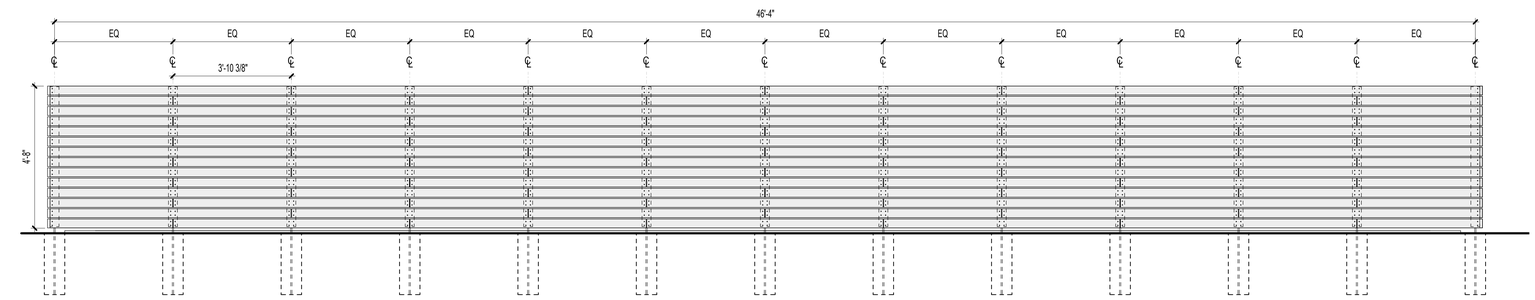
6 LAYOUT - TRASH AND UTILITY ENCLOSURE

1/4" = 1'-0" | 11/L1.00



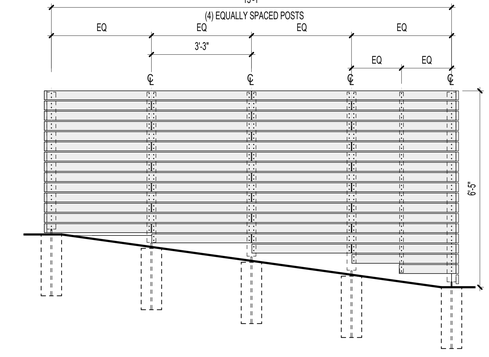
11 SOUTH ELEVATION - TRASH & UTILITY ENCLOSURE

1/2" = 1'-0" | 6/L4.13



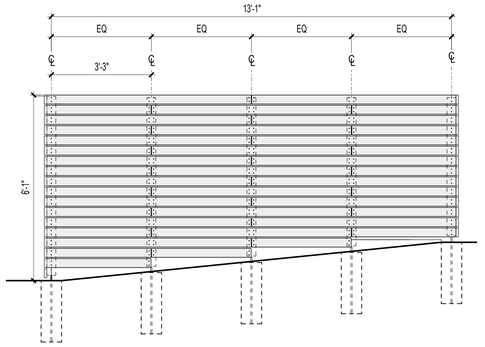
16 NORTH ELEVATION - TRASH & UTILITY ENCLOSURE

1/2" = 1'-0" | 6/L4.13



14 WEST ELEVATION - TRASH & UTILITY ENCLOSURE

1/2" = 1'-0" | 6/L4.13



19 EAST ELEVATION - TRASH & UTILITY ENCLOSURE

1/2" = 1'-0" | 6/L4.13

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LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

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THE NEXT 100 YEARS

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EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
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LANDSCAPE ARCHITECT SEAL

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TITLE
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PROJECT NO.
2327300 / UW 206756
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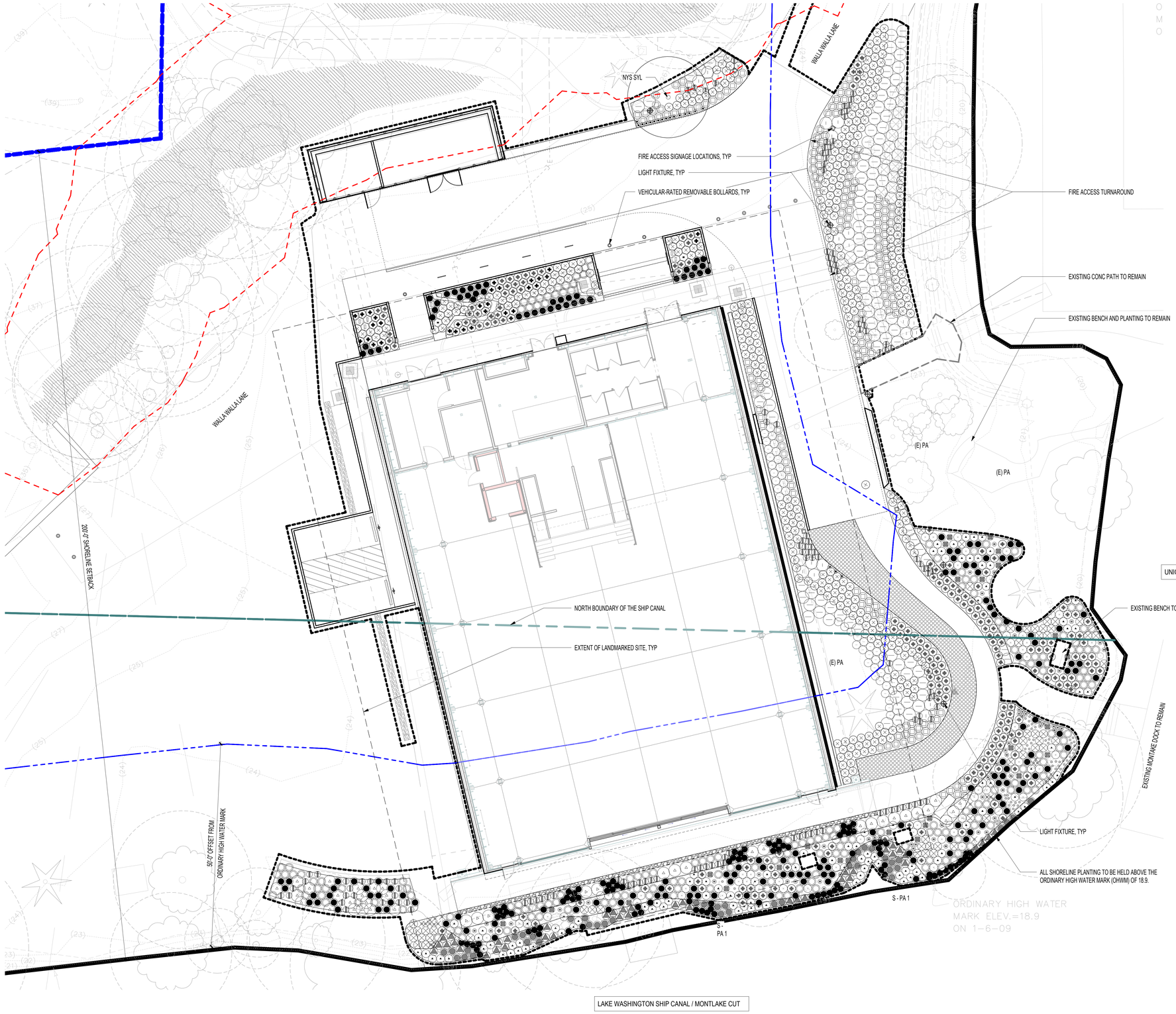

16 OVERALL PLANTING PLAN
1" = 10'-0" | 11/L1.00

0 5' 10' 20' 30'
1" = 10'

LIMIT OF WORK
200'-0" OFFSET FROM ORDINARY HIGH WATER MARK
50'-0" OFFSET FROM ORDINARY HIGH WATER MARK
15'-0" OFFSET FROM ECA - STEEP SLOPE
(E) PA EXISTING PLANTING AREA

CANOPY SCHEDULE		
COUNT	BOTANICAL NAME	COMMON NAME
1	Nyssa slyvatica 'David Odom'	AFTERBURNER TUPELO

MASTER PLANTING SCHEDULE			
COUNT	BOTANICAL NAME	COMMON NAME	NATIVE
SHRUB			
21	Ceanothus 'Joyce Coulter'	CREEPING MOUNTAIN LILAC	Y
125	Cornus sericea 'Kelseyi'	KELSEY DOGWOOD	Y
33	Cornus stolonifera 'Arctic Fire'	'Arctic Fire' RED OSIER DOGWOOD	Y
18	Symphoricarpos albus	SNOWBERRY	Y
100	Vaccinium ovatum 'Scarlet Ovation'	DWARF HUCKLEBERRY	Y
GRASSES & PERENNIALS			
130	Achillea millefolium	YARROW	Y
2	Aster subspicatus	DOUGLAS ASTER	Y
70	Carex densa	DENSE SEDGE	Y
112	Carex obnuta	SLOUGH SEDGE	Y
48	Deschampsia cespitosa	TUFTED HAIRGRASS	Y
19	Glehnia leicarpa mathias	BEACH SILVER TOP	Y
3	Glyceria elata	TALL MANNA GRASS	Y
1	Juncus effusus	COMMON RUSH	Y
171	Poa Macrantha	SEASHORE BLUEGRASS	Y
37	Scirpus microcarpus	BULRUSH	Y
6	Veronicastrum virginicum	CULVER'S ROOT	Y
FERN			
348	Polystichum munitum	WESTERN SWORD FERN	Y

SHORELINE RESTORATION PLANTING SCHEDULE			
COUNT	BOTANICAL NAME	COMMON NAME	NATIVE
SHRUB			
81	Cornus sericea 'Kelseyi'	KELSEY DOGWOOD	Y
53	Salix sitchensisi	SITKA WILLOW	Y
LIVE STAKE			
23	Salix sitchensisi	SITKA WILLOW	Y
52	Symphoricarpos albus	SNOWBERRY	Y
GRASSES & PERENNIALS			
105	Carex densa	DENSE SEDGE	Y
153	Carex obnuta	SLOUGH SEDGE	Y
41	Carex pellita	WOOLY SEDGE	Y
55	Glyceria elata	TALL MANNA GRASS	Y
100	Juncus effusus	COMMON RUSH	Y
60	Petasites frigidus	ALPINE BUTTERBUR	Y
42	Scholenoplectus acutus	HARDSTEM BULLRUSH	Y
3	Scirpus microcarpus	BULRUSH	Y
26	Stachys Cooleyae	COOLEY HEDGE NETTLE	Y

NOTES:

LANDSCAPE ARCHITECT TO FIELD LOCATE SHORELINE RESTORATION PLANTING.

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PROJECT
ASUW SHELL HOUSE RENOVATION

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3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
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PROJECT MANAGER
EB
PROJECT LANDSCAPE ARCHITECT
DK
PROJECT TEAM MEMBERS
CSR
CHECK

LANDSCAPE ARCHITECT SEAL

STATE OF WASHINGTON
DAKOTA JANE KEENE
NO. 1308 EXP. 1/14/2027
LICENSED LANDSCAPE ARCHITECT

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
PLANTING PLAN

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
L5.00
GMP

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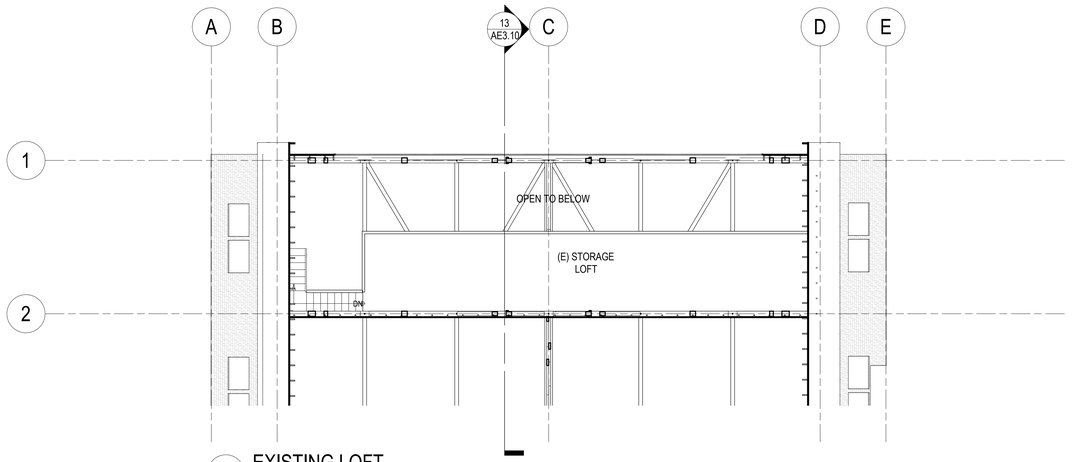
ORIGINAL SHEET SIZE:36" x 42"



3 EXISTING LOFT
1/8" = 1'-0" | 6/A3.01

Existing / Demo Door Schedule

DOOR NO.	ROOM NAME	WIDTH	HEIGHT	DOOR FUNCTION	DOOR SCHEDULE NOTES
(E) BUILDING LEVEL 01					
x1	(E) BOAT STORAGE	8' - 0"	7' - 2"	EXTERIOR	DEMO
x2	(E) STORAGE / ELECTRICAL / LOCKERS	8' - 0"	7' - 2"	EXTERIOR	DEMO
x3	(E) BOAT STORAGE	3' - 0"	6' - 8"	EXTERIOR	DEMO
x4	(E) HANGAR SPACE	5' - 10"	6' - 4"	EXTERIOR	DEMO
x5	(E) BOAT STORAGE	3' - 0"	6' - 8"	INTERIOR	DEMO
x6	(E) BOAT STORAGE	3' - 0"	6' - 8"	INTERIOR	DEMO
MEZZANINE					
x7	(E) POCOCK SHOP	3' - 0"	6' - 8"	INTERIOR	DEMO
ROOF LEVEL					
xH		3' - 0"	2' - 6"	EXTERIOR	DEMO

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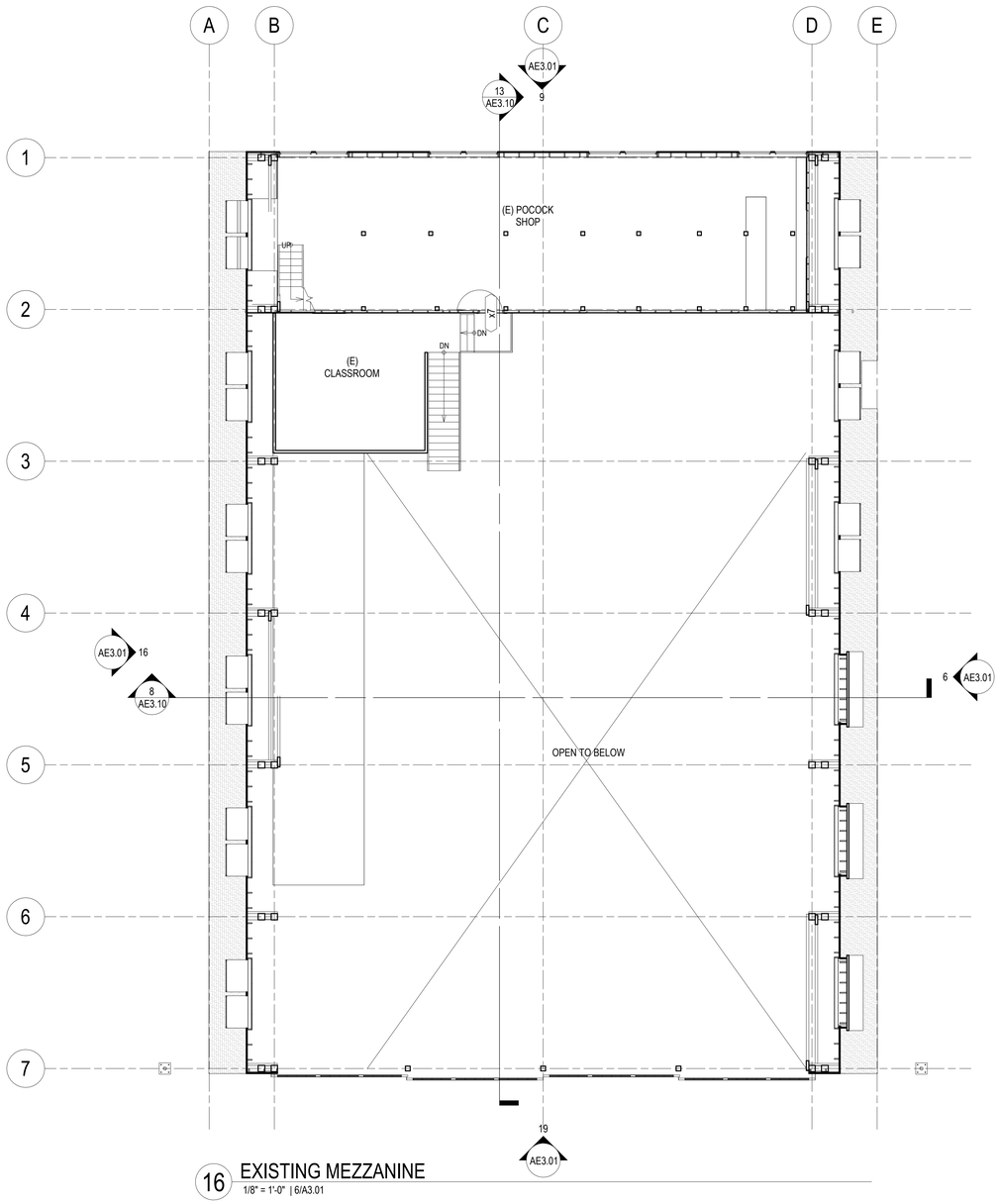
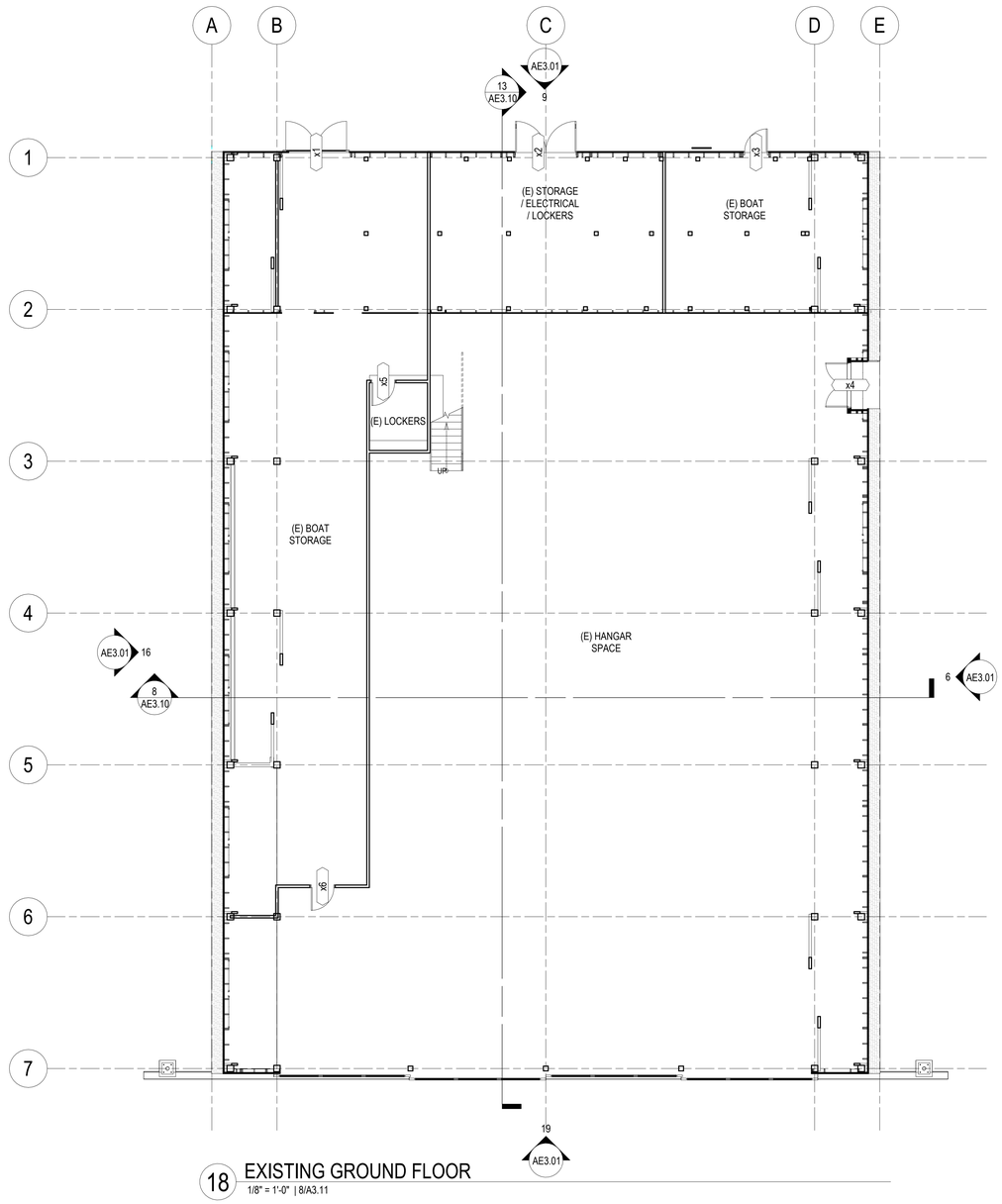


16 EXISTING MEZZANINE
1/8" = 1'-0" | 6/A3.01



18 EXISTING GROUND FLOOR
1/8" = 1'-0" | 8/A3.11

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO. DATE REVISION

PARTNER IN CHARGE
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PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EXISTING FLOOR PLANS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
AE2.01
GMP SET

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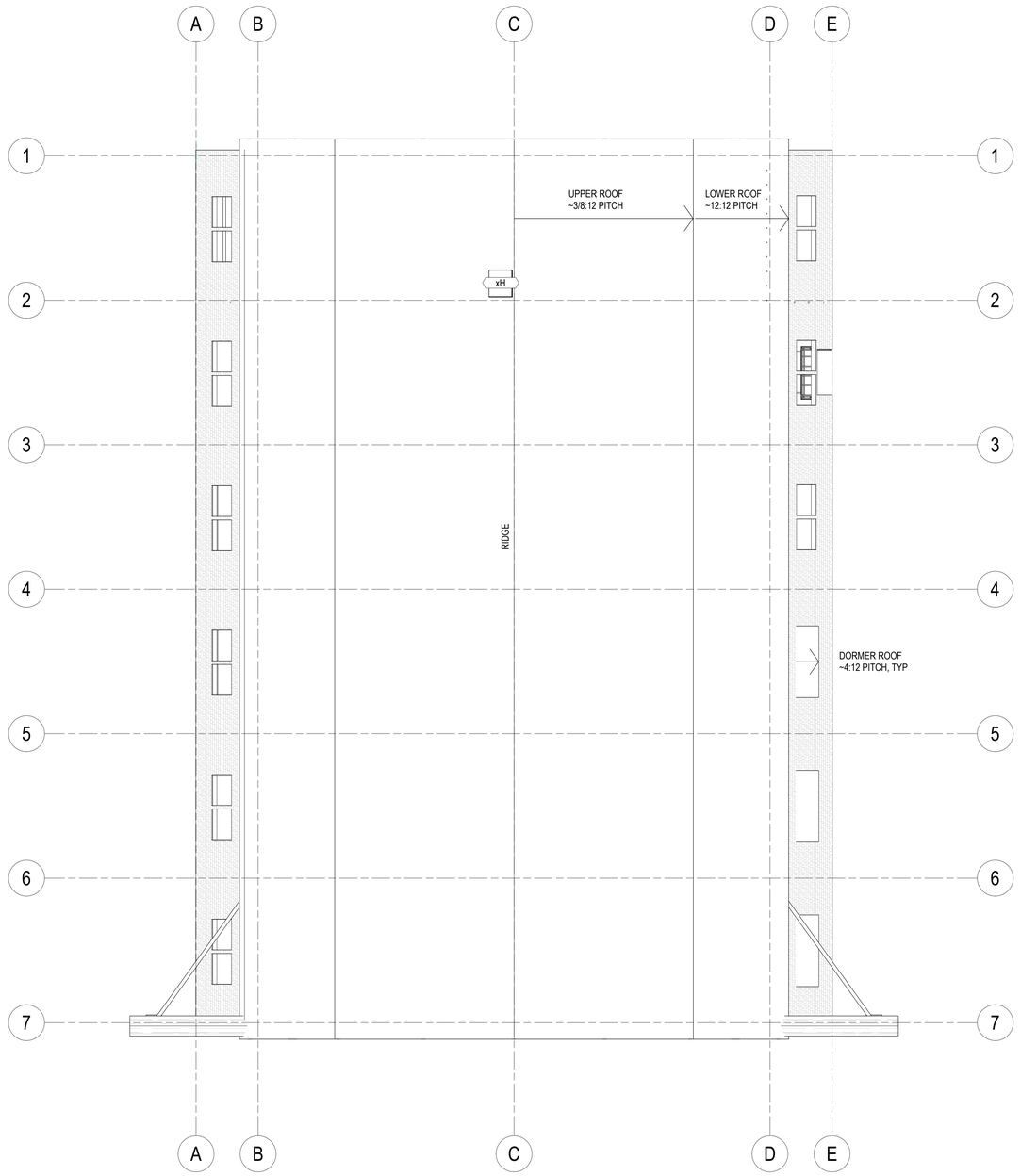

17 EXISTING ROOF PLAN
1/8" = 1'-0" | 6/A3.01

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PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EXISTING ROOF PLAN

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

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Existing / Demo Window Schedule

WINDOW TYPE	WIDTH	HEIGHT	MANUAL COUNT	DESCRIPTION	WINDOW NOTES
xA	4' - 3"	10' - 3"	18	1980'S, DIVIDED LITE, FIXED	DEMO
xB	3' - 10"	5' - 2"	6	1960'S, SINGLE HUNG	DEMO
xC	4' - 3"	10' - 2"	4	1918 ORIGINAL DIVIDED LITE, DOUBLE HUNG, MULLED TOGETHER PER ELEVATIONS	ETR
xD	4' - 3"	10' - 2"	4	1980'S, DIVIDED LITE, SINGLE HUNG, MULLED TOGETHER PER ELEVATIONS	ETR
xE	6' - 4"	3' - 6"	3	1920'S DIVIDED LITE, FIXED	ETR
xF	56' - 0"	4' - 2"	1	1920'S DIVIDED LITE, FIXED	ETR
xS	4' - 4"	3' - 8"	2	1920'S SHOP RELITE, DIVIDED, FIXED	ETR
xS2	6' - 4"	3' - 8"	1	1920'S SHOP RELITE, DIVIDED, FIXED	ETR

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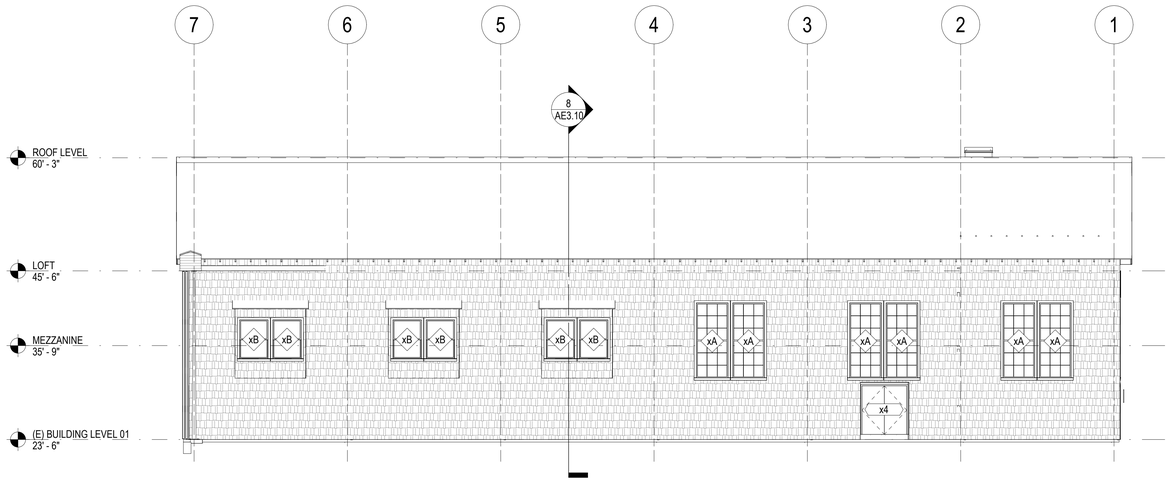
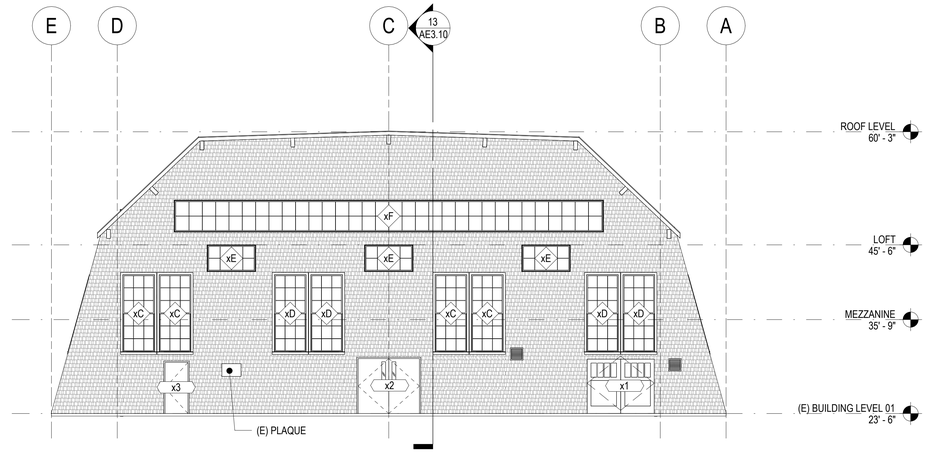
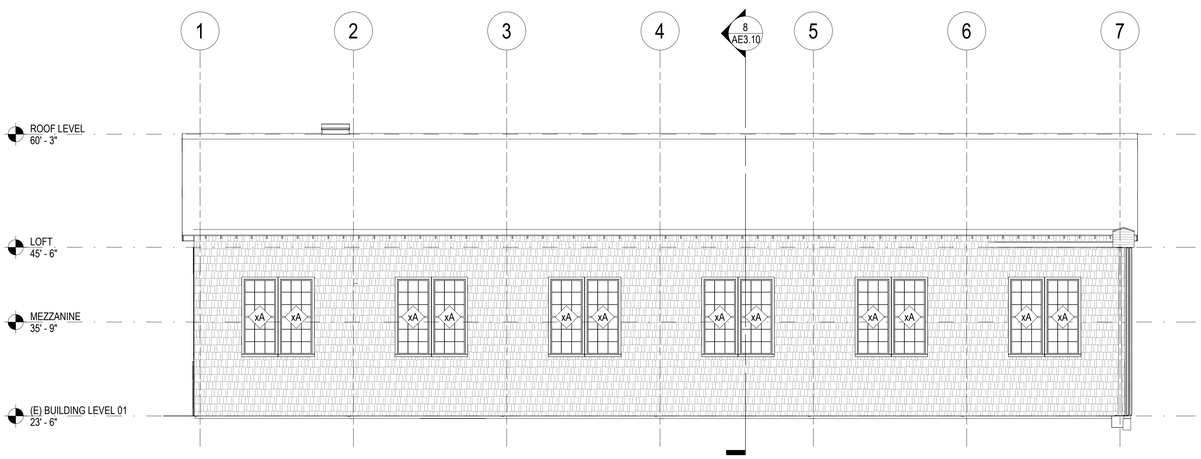


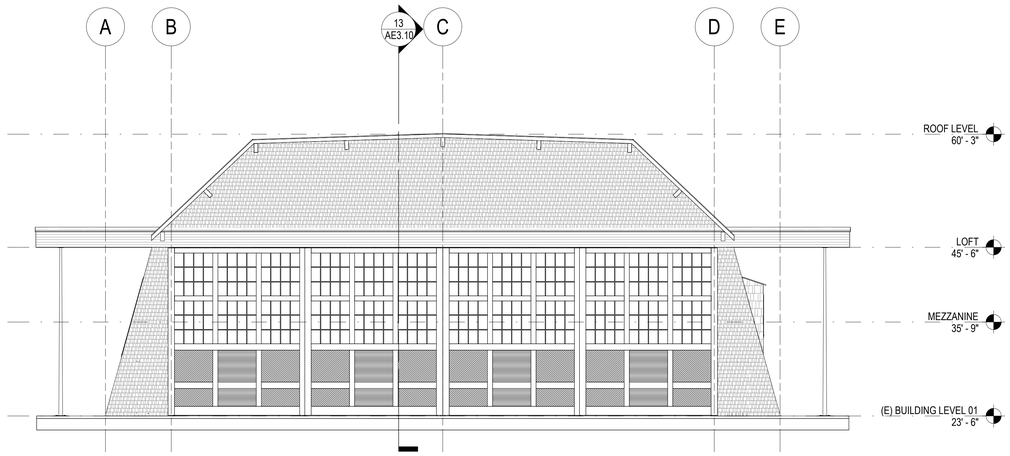
6 EXISTING EAST ELEVATION
1/8" = 1'-0" | 16/AE2.01



9 EXISTING NORTH ELEVATION
1/8" = 1'-0" | 16/AE2.01



16 EXISTING WEST ELEVATION
1/8" = 1'-0" | 16/AE2.01



19 EXISTING SOUTH ELEVATION
1/8" = 1'-0" | 16/AE2.01

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

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PARTNER IN CHARGE
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PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EXISTING ELEVATIONS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
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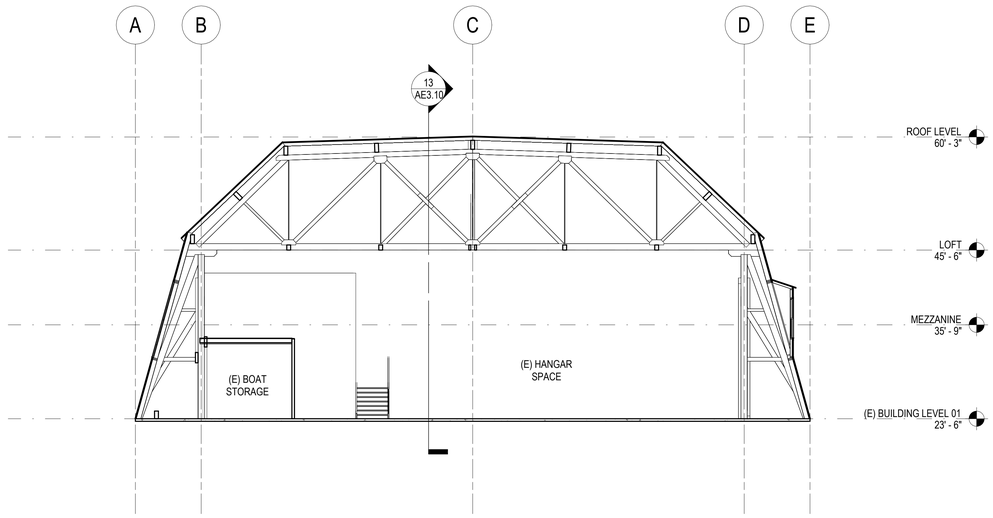
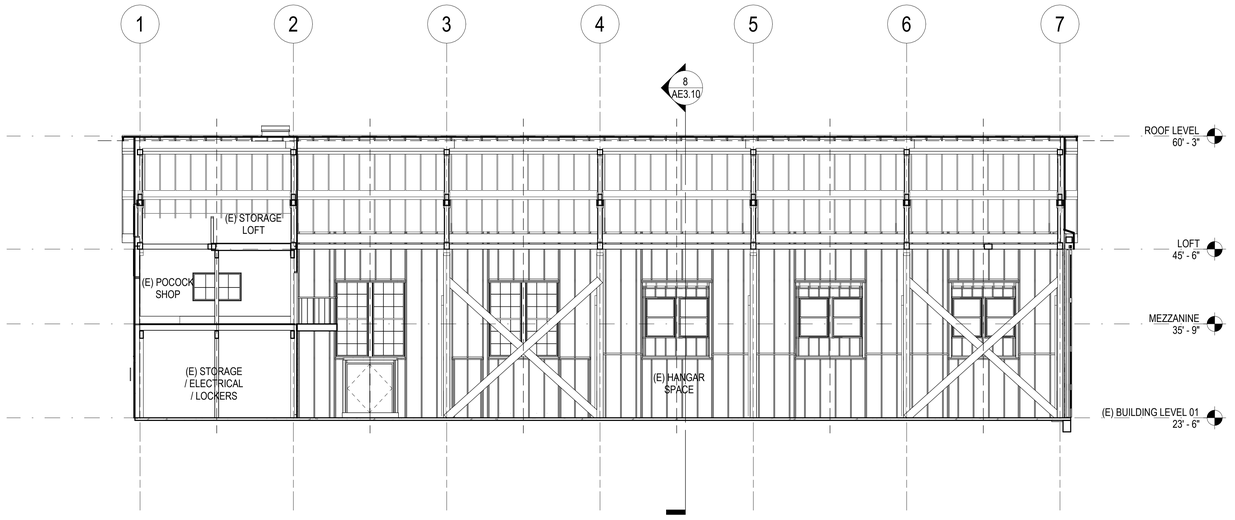


8 TRANSVERSE BUILDING SECTION
1/8" = 1'-0" | 16/AE2.01



13 LONGITUDINAL BUILDING SECTION
1/8" = 1'-0" | 3/AE2.01

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UNIVERSITY OF WASHINGTON

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RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EXISTING SECTIONS

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2327300 / UW 206756
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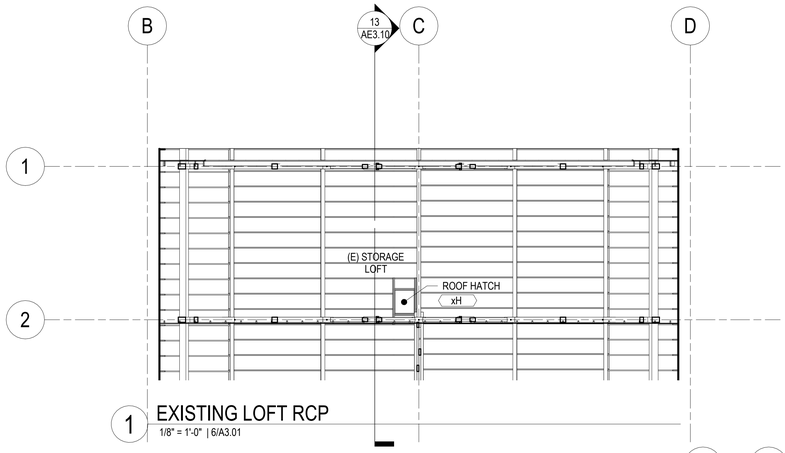
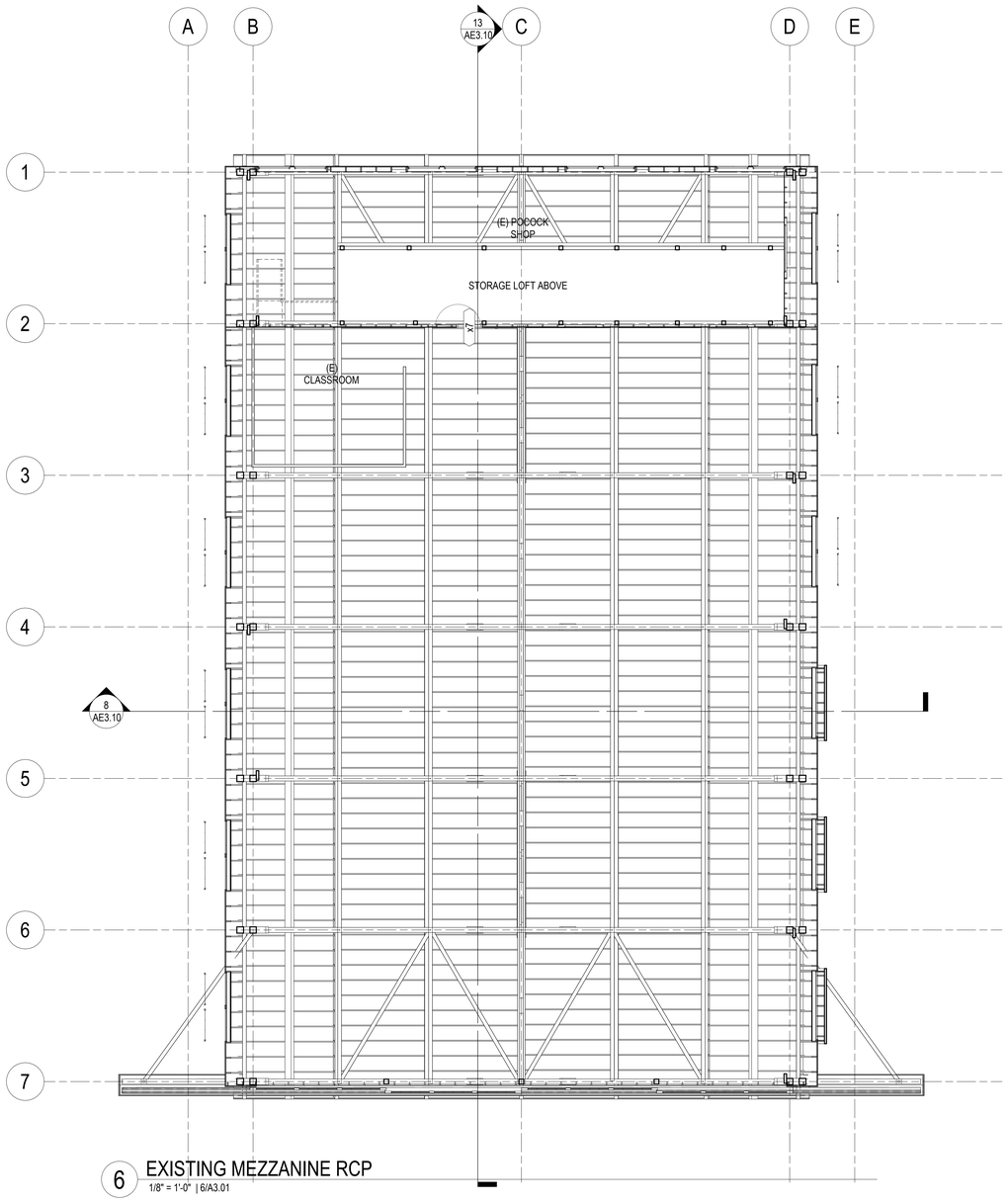
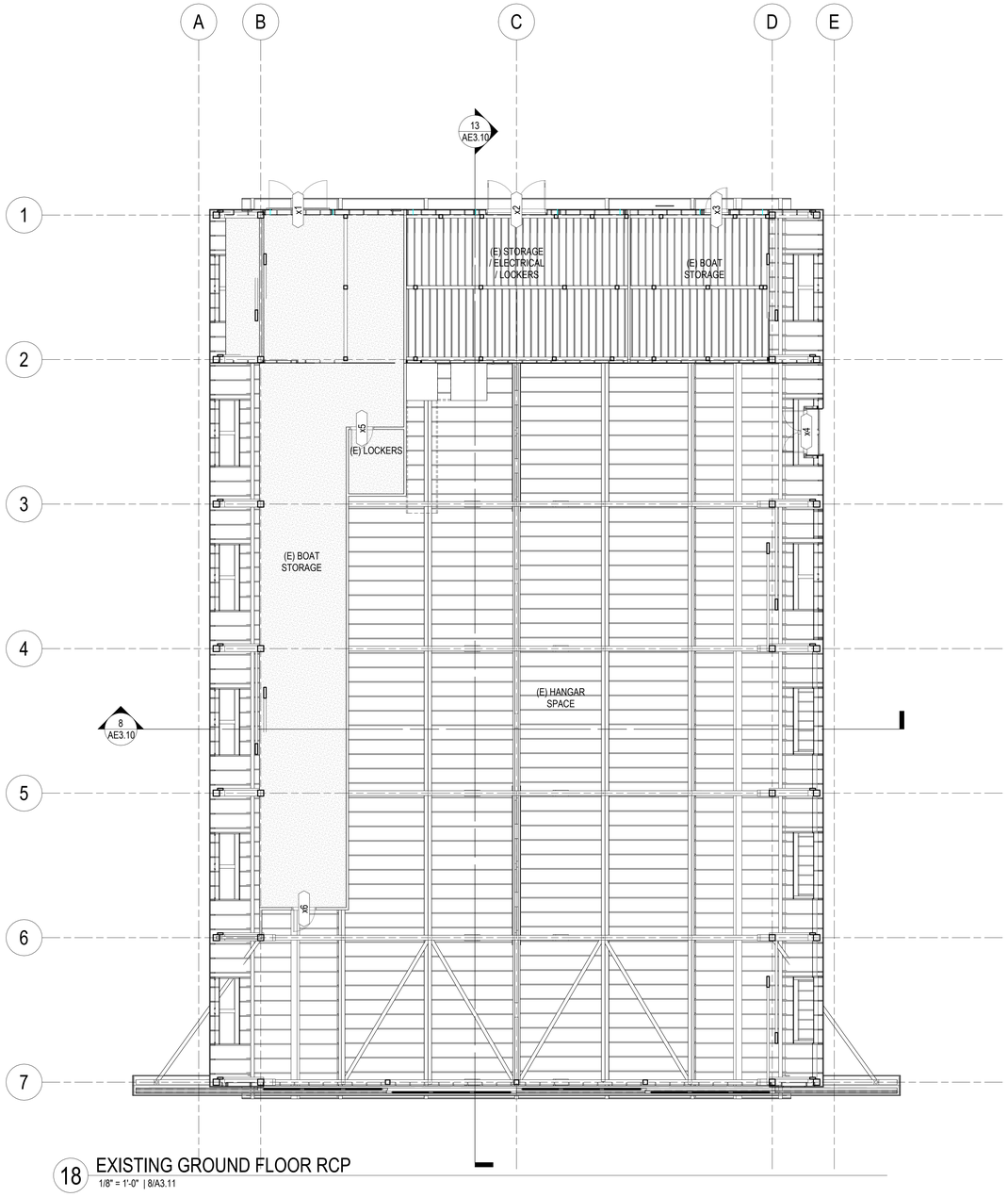


1 EXISTING LOFT RCP
1/8" = 1'-0" | 6/A3.01



6 EXISTING MEZZANINE RCP
1/8" = 1'-0" | 6/A3.01



18 EXISTING GROUND FLOOR RCP
1/8" = 1'-0" | 8/A3.11

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PROJECT
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SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
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PROJECT MANAGER
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PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

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REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EXISTING REFLECTED CEILING PLANS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
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3. SALVAGE ALL RECYCLABLE MATERIAL AND DELIVER TO THE APPROPRIATE RECYCLING VENUES.
4. DEMOLISH EXISTING PER PLAN AND PROPERLY DISPOSE OF ALL DEBRIS.
5. TERMINATE AND CAP ALL ABANDONED EXISTING UTILITIES, REROUTE EXISTING UTILITIES AFFECTED BY DEMO. UTILITES TO INCLUDE BUT NOT LIMITED TO: ELECTRICITY, DOMESTIC WATER, GAS, SEWER, STORM DRAIN, TELEPHONE.
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7. REPAIR, PATCH AND REFINISH ADJACENT STRUCTURE AFFECTED BY DEMOLITION.
8. PROTECT CITY SIDEWALK AND REPAIR ANY DAMAGES CAUSED BY THE DEMOLITION.
9. SALVAGE ALL AREAS OF NON-HAZARDOUS MATERIAL CONTAINING ORIGINAL 1X8 LAP SIDING FOR REUSE AS NOTED BELOW.
10. DEMOLISH EXISTING HVAC EQUIPMENT AND DUCTWORK U.N.O.
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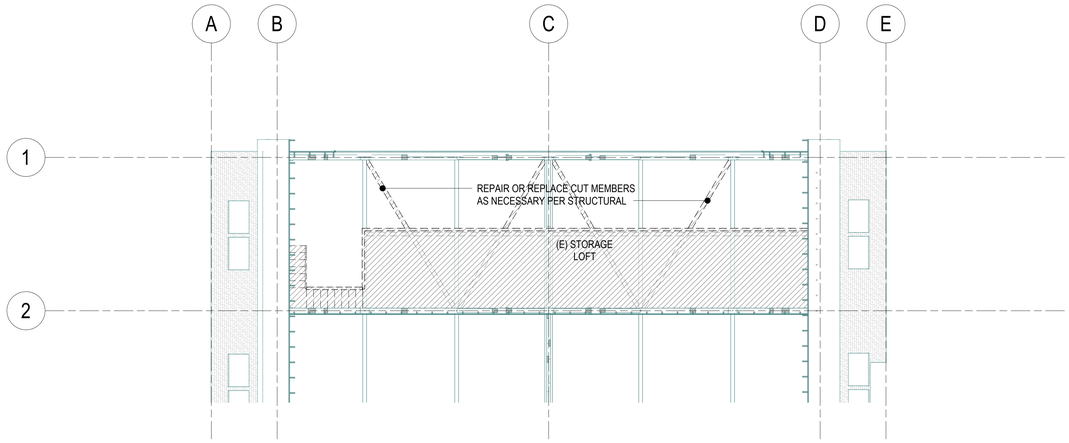
12. DRAWINGS ARE DIAGRAMMATIC IN NATURE. INFORMATION IS PROVIDED TO DESCRIBE GENERAL LOCATIONS, ASPECTS, AND AREA OF EXISTING BUILDING ELEMENTS. EXISTING CONDITIONS, DIMENSIONS, MATERIAL, AND QUANTITIES MUST BE VERIFIED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSIBLE FOR THE OVERALL AND LOCAL STABILITY (BOTH VERTICAL AND LATERAL) OF STRUCTURAL SYSTEMS DURING AND FOLLOWING DEMOLITION OF STRUCTURAL SYSTEMS AND ELEMENTS. SEE SECTIONS 024100 FOR TEMPORARY SHORING REQUIREMENTS.

INTERIOR SHEATHING NOTES

EXISTING INTERIOR SHEATHING IS A COMBINATION OF PATCHING AND THE ORIGINAL 1X8 SOFTWOOD SHIPLAP. REMOVE ALL PLYWOOD OR NON-SHIPLAP PATCHING AND REPLACE WITH 1X8 SHIPLAP. UTILIZE ANY RECLAIMED SHIPLAP FROM OTHER AREAS OF THE BUILDING FIRST, THEN USE NEW MATERIAL TO MATCH IN DIMENSION AND PROFILE. RECLAIMED MATERIAL WILL BE PRIORITIZED TO THE LOWEST PARTS OF THE WALL PER PRIORITY ZONES NOTED ON INTERIOR ELEVATION SHEETS. NEW MATERIAL WILL BE STAINED TO MATCH WITH A LOW VOC, LOW SHEEN WATERBASED STAIN AND SEALER.

DEMO LEGEND

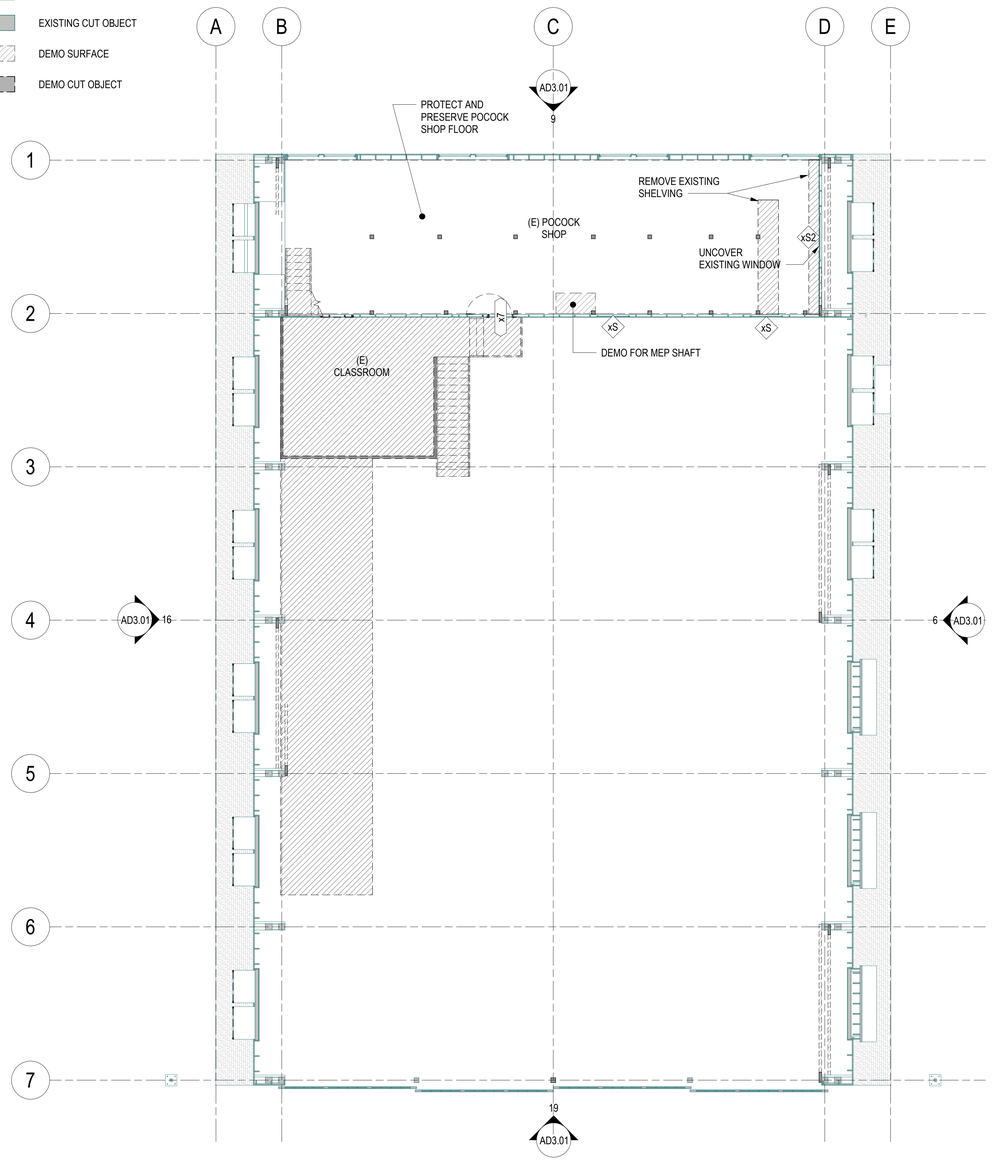
- EXISTING SURFACE
- EXISTING CUT OBJECT
- DEMO SURFACE
- DEMO CUT OBJECT



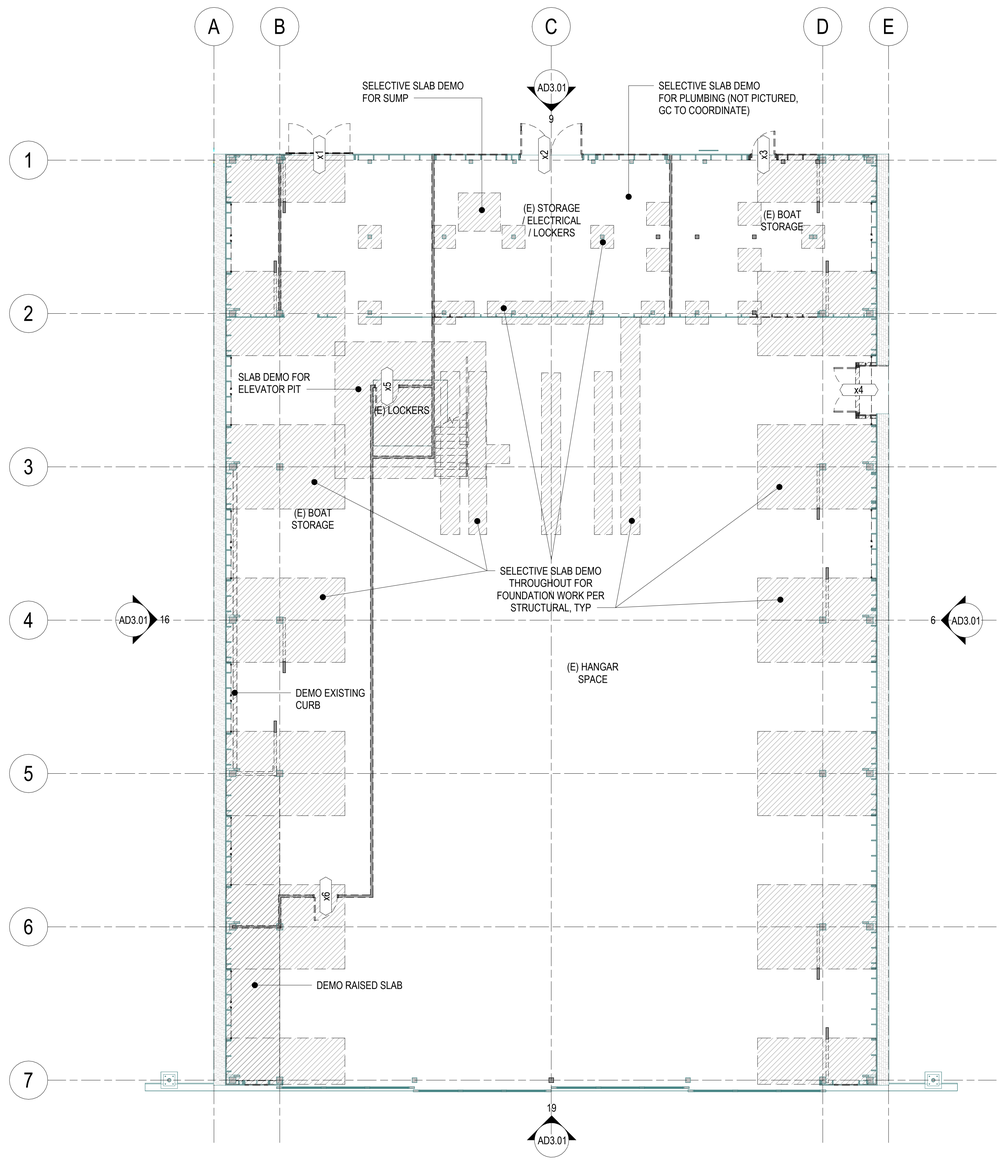
7 DEMO TRUSS LEVEL
1/8" = 1'-0" | 6/A3.01

Existing / Demo Door Schedule					
DOOR NO.	ROOM NAME	WIDTH	HEIGHT	DOOR FUNCTION	DOOR SCHEDULE NOTES
(E) BUILDING LEVEL 01					
x1	(E) BOAT STORAGE	8' - 0"	7' - 2"	EXTERIOR	DEMO
x2	(E) STORAGE / ELECTRICAL / LOCKERS	8' - 0"	7' - 2"	EXTERIOR	DEMO
x3	(E) BOAT STORAGE	3' - 0"	6' - 8"	EXTERIOR	DEMO
x4	(E) HANGAR SPACE	5' - 10"	6' - 4"	EXTERIOR	DEMO
x5	(E) BOAT STORAGE	3' - 0"	6' - 8"	INTERIOR	DEMO
x6	(E) BOAT STORAGE	3' - 0"	6' - 8"	INTERIOR	DEMO
MEZZANINE					
x7	(E) POCOCK SHOP	3' - 0"	6' - 8"	INTERIOR	DEMO
ROOF LEVEL					
xH		3' - 0"	2' - 6"	EXTERIOR	DEMO

*DIMENSIONS PROVIDED ABOVE AND ARE APPROXIMATE FOR INFORMATION ONLY. CONTRACTOR TO VERIFY ALL NECESSARY DIMENSIONS IN FIELD.



16 DEMO SHOP LEVEL
1/8" = 1'-0" | 6/A3.01



19 DEMO LEVEL 01
1/8" = 1'-0" | 8/A3.11

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3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

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PROJECT TEAM MEMBERS
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CHECK
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RICHARD FRANKO
STATE OF WASHINGTON

TITLE
DEMO FLOOR PLANS

PROJECT NO.
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DATE
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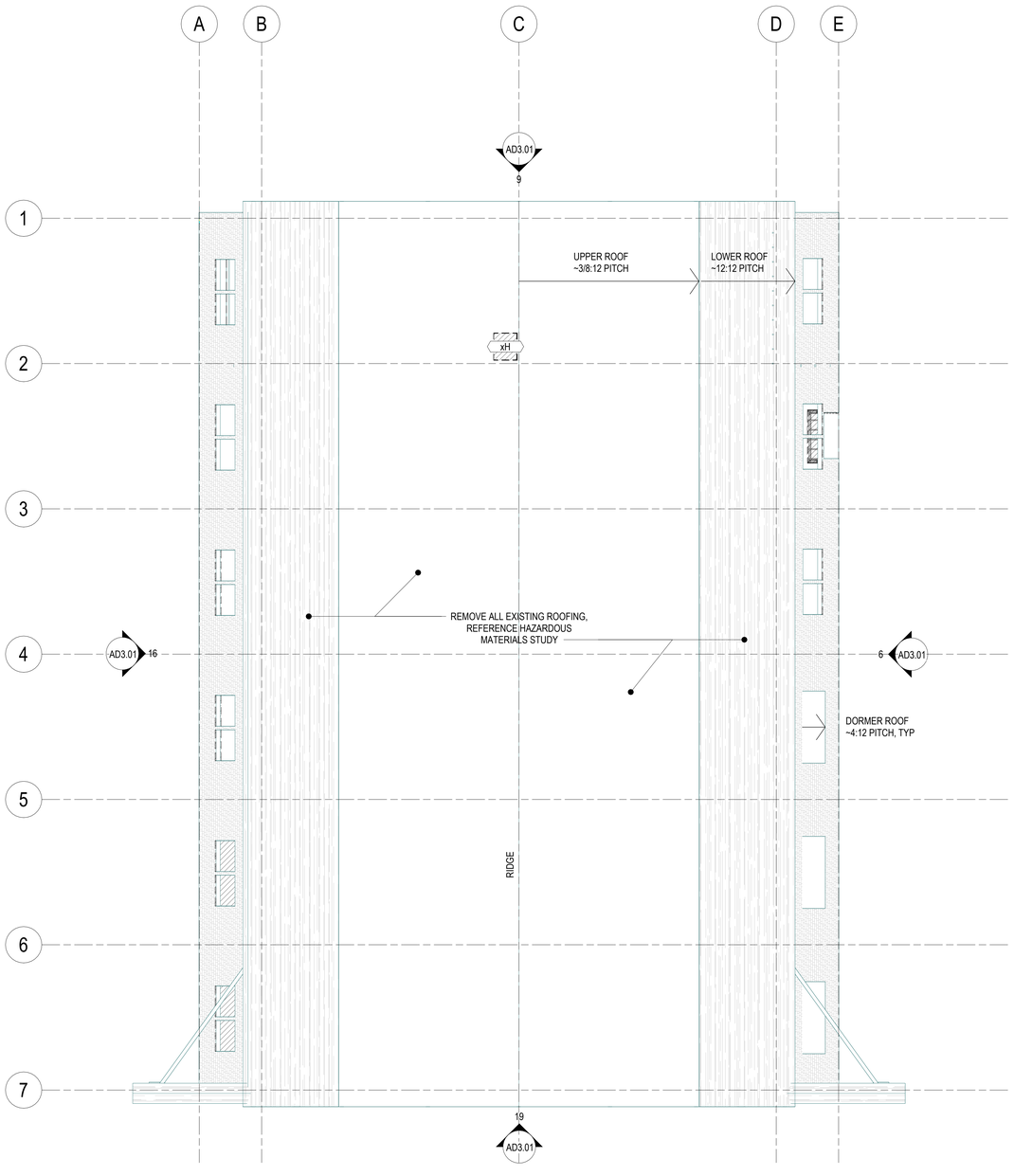
DEMO LEGEND

- EXISTING SURFACE
- EXISTING CUT OBJECT
- DEMO SURFACE
- DEMO CUT OBJECT



17 DEMO ROOF LEVEL
1/8" = 1'-0" | 6/A3.01

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RICHARD FRANKO
STATE OF WASHINGTON

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PROJECT NO
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9. SALVAGE ALL AREAS OF NON-HAZARDOUS MATERIAL CONTAINING ORIGINAL 1X8 LAP SIDING FOR REUSE AS NOTED BELOW.
10. DEMOLISH EXISTING HVAC EQUIPMENT AND DUCTWORK U.N.O.
11. SELECTIVE SLAB DEMOLITION REQUIRED FOR NEW PLUMBING AND FOUNDATION ELEMENTS.
12. DRAWINGS ARE DIAGRAMMATIC IN NATURE. INFORMATION IS PROVIDED TO DESCRIBE GENERAL LOCATIONS, ASPECTS, AND AREA OF EXISTING BUILDING ELEMENTS. EXISTING CONDITIONS, DIMENSIONS, MATERIAL, AND QUANTITIES MUST BE VERIFIED BY THE CONTRACTOR.
13. CONTRACTOR IS RESPONSIBLE FOR THE OVERALL AND LOCAL STABILITY (BOTH VERTICAL AND LATERAL) OF STRUCTURAL SYSTEMS DURING AND FOLLOWING DEMOLITION OF STRUCTURAL SYSTEMS AND ELEMENTS. SEE SECTIONS 024100 FOR TEMPORARY SHORING REQUIREMENTS.

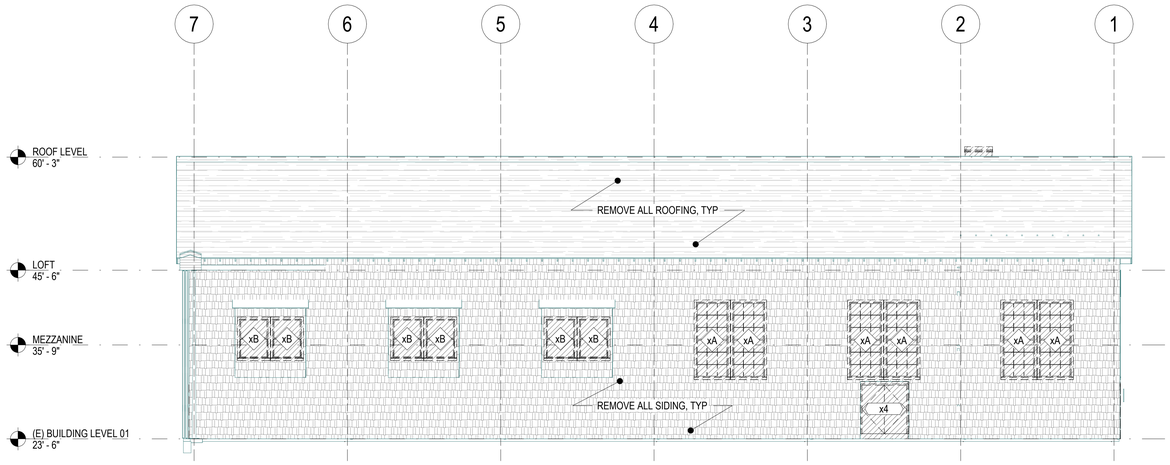
DEMO LEGEND

- EXISTING SURFACE
- EXISTING CUT OBJECT
- DEMO SURFACE
- DEMO CUT OBJECT

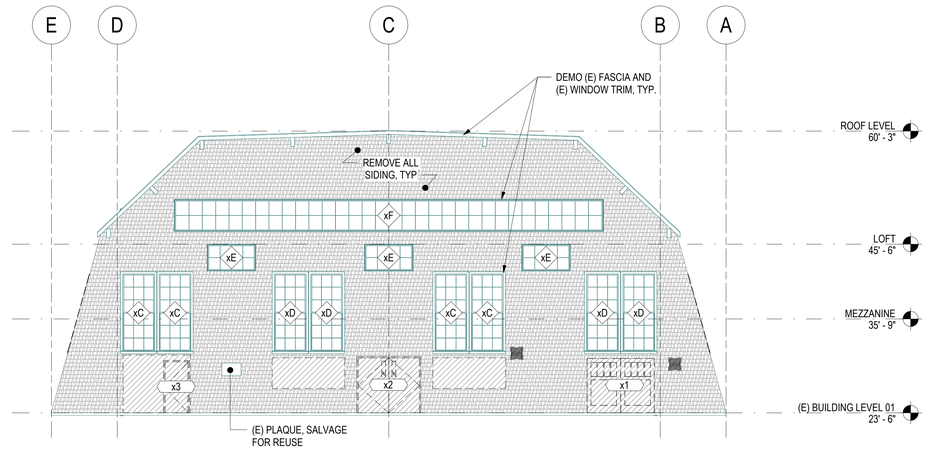
Existing / Demo Window Schedule

WINDOW TYPE	WIDTH	HEIGHT	MANUAL COUNT	DESCRIPTION	WINDOW NOTES
xA	4' - 3"	10' - 3"	18	1980'S, DIVIDED LITE, FIXED	DEMO
xB	3' - 10"	5' - 2"	6	1960'S, SINGLE HUNG	DEMO
xC	4' - 3"	10' - 2"	4	1918 ORIGINAL DIVIDED LITE, DOUBLE HUNG, MULLED TOGETHER PER ELEVATIONS	ETR
xD	4' - 3"	10' - 2"	4	1980'S, DIVIDED LITE, SINGLE HUNG, MULLED TOGETHER PER ELEVATIONS	ETR
xE	6' - 4"	3' - 6"	3	1920'S DIVIDED LITE, FIXED	ETR
xF	56' - 0"	4' - 2"	1	1920'S DIVIDED LITE, FIXED	ETR
xS	4' - 4"	3' - 8"	2	1920'S SHOP RELITE, DIVIDED, FIXED	ETR
xS2	6' - 4"	3' - 8"	1	1920'S SHOP RELITE, DIVIDED, FIXED	ETR

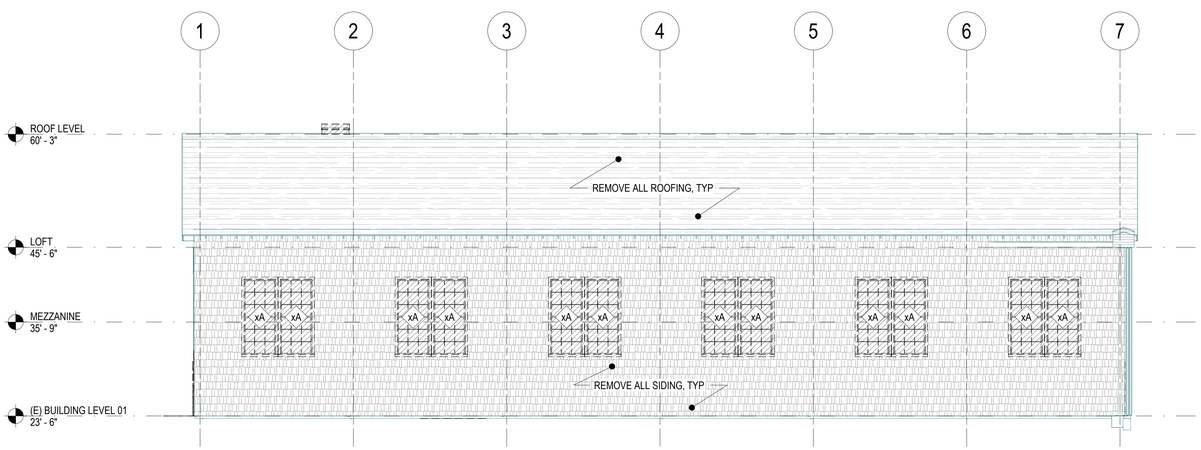
*DIMENSIONS PROVIDED ABOVE AND ARE APPROXIMATE FOR INFORMATION ONLY. CONTRACTOR TO VERIFY ALL NECESSARY DIMENSIONS IN FIELD.



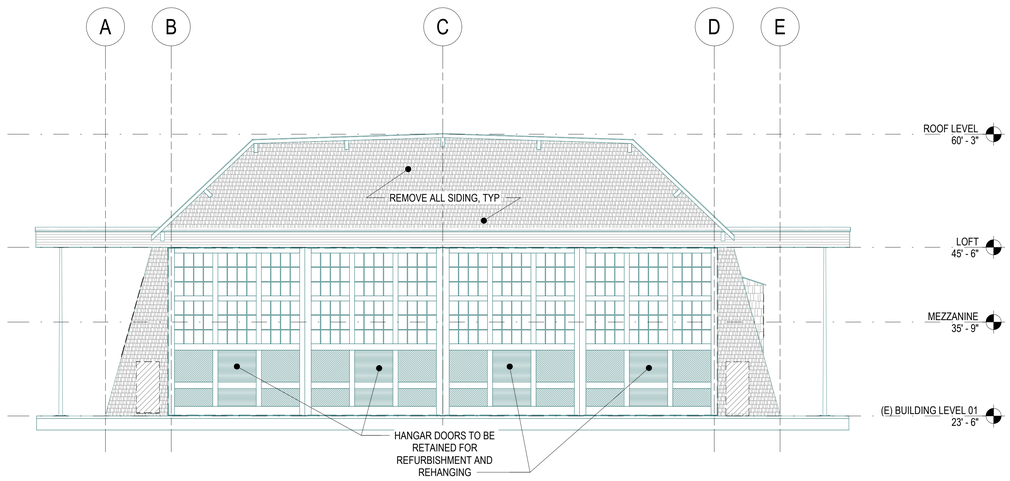
6 DEMO EAST ELEVATION
1/8" = 1'-0" | 16/AD2.01



9 DEMO NORTH ELEVATION
1/8" = 1'-0" | 16/AD2.01



16 DEMO WEST ELEVATION
1/8" = 1'-0" | 16/AD2.01



19 DEMO SOUTH ELEVATION
1/8" = 1'-0" | 16/AD2.01

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
DEMO ELEVATIONS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
AD3.01
GMP SET

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ORIGINAL SHEET SIZE:36" x 42"

5/1/2025 3:38:21 PM

DEMO NOTES

1. SECURE ALL OTHER PERMITS AS NEEDED BY ANY OTHER GOVERNING AUTHORITIES.
2. ALL HAZARDOUS WASTE SHALL BE REMOVED AND DISPOSED OF BY A STATE LICENSED HAZARDOUS MATERIAL REMOVAL CONTRACTOR.
3. SALVAGE ALL RECYCLABLE MATERIAL AND DELIVER TO THE APPROPRIATE RECYCLING VENUES.
4. DEMOLISH EXISTING PER PLAN AND PROPERLY DISPOSE OF ALL DEBRIS.
5. TERMINATE AND CAP ALL ABANDONED EXISTING UTILITIES, REROUTE EXISTING UTILITIES AFFECTED BY DEMO. UTILITES TO INCLUDE BUT NOT LIMITED TO: ELECTRICITY, DOMESTIC WATER, GAS, SEWER, STORM DRAIN, TELEPHONE.
6. WHERE STRUCTURES ARE TO BE REMOVED, PROTECT ALL ADJACENT EXISTING STRUCTURE AND FINISHES.
7. REPAIR, PATCH AND REFINISH ADJACENT STRUCTURE AFFECTED BY DEMOLITION.
8. PROTECT CITY SIDEWALK AND REPAIR ANY DAMAGES CAUSED BY THE DEMOLITION.
9. SALVAGE ALL AREAS OF NON-HAZARDOUS MATERIAL CONTAINING ORIGINAL 1X8 LAP SIDING FOR REUSE AS NOTED BELOW.
10. DEMOLISH EXISTING HVAC EQUIPMENT AND DUCTWORK U.N.O.
11. SELECTIVE SLAB DEMOLITION REQUIRED FOR NEW PLUMBING AND FOUNDATION ELEMENTS.
12. DRAWINGS ARE DIAGRAMMATIC IN NATURE. INFORMATION IS PROVIDED TO DESCRIBE GENERAL LOCATIONS, ASPECTS, AND AREA OF EXISTING BUILDING ELEMENTS. EXISTING CONDITIONS, DIMENSIONS, MATERIAL, AND QUANTITIES MUST BE VERIFIED BY THE CONTRACTOR.
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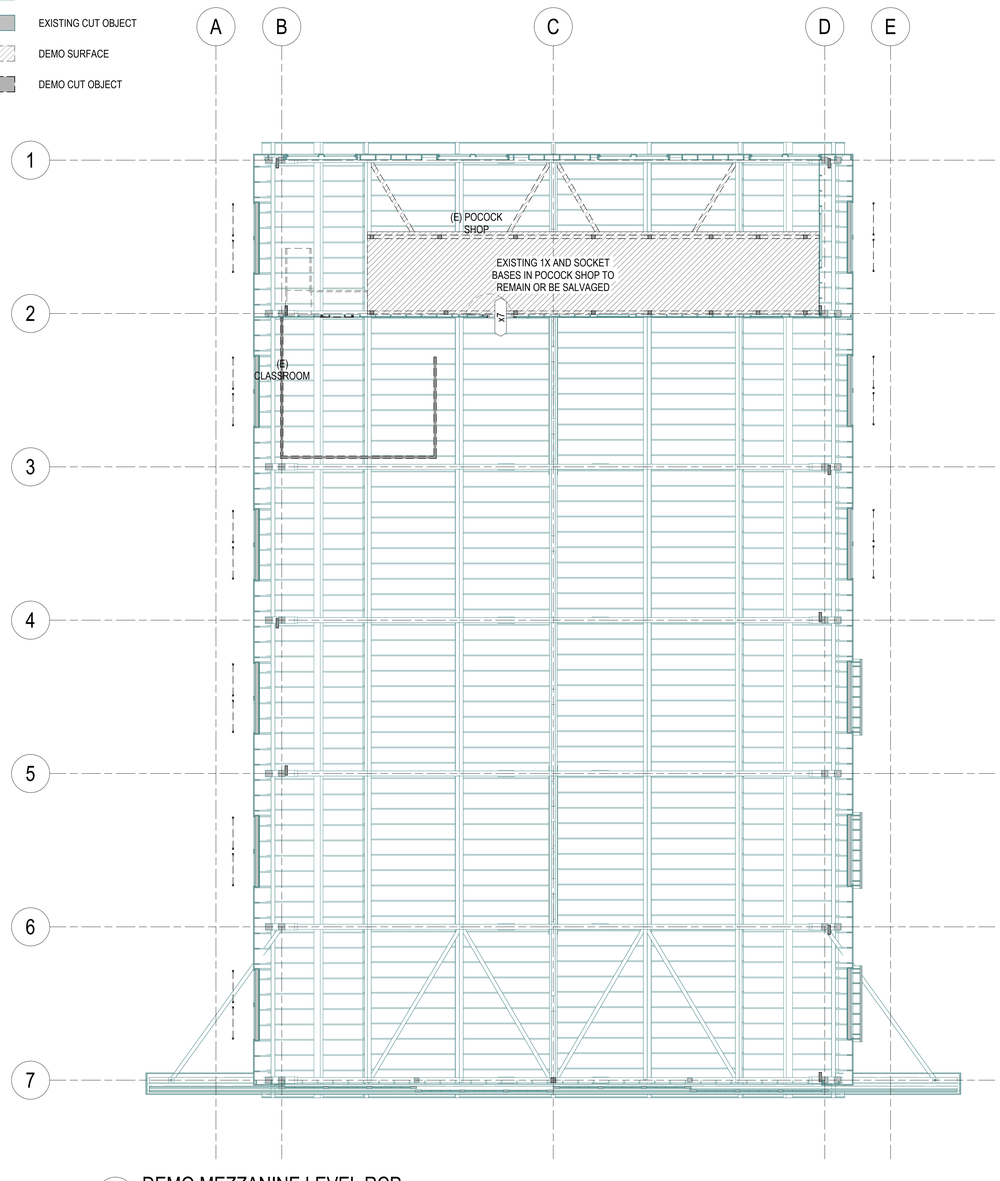
INTERIOR SHEATHING NOTES

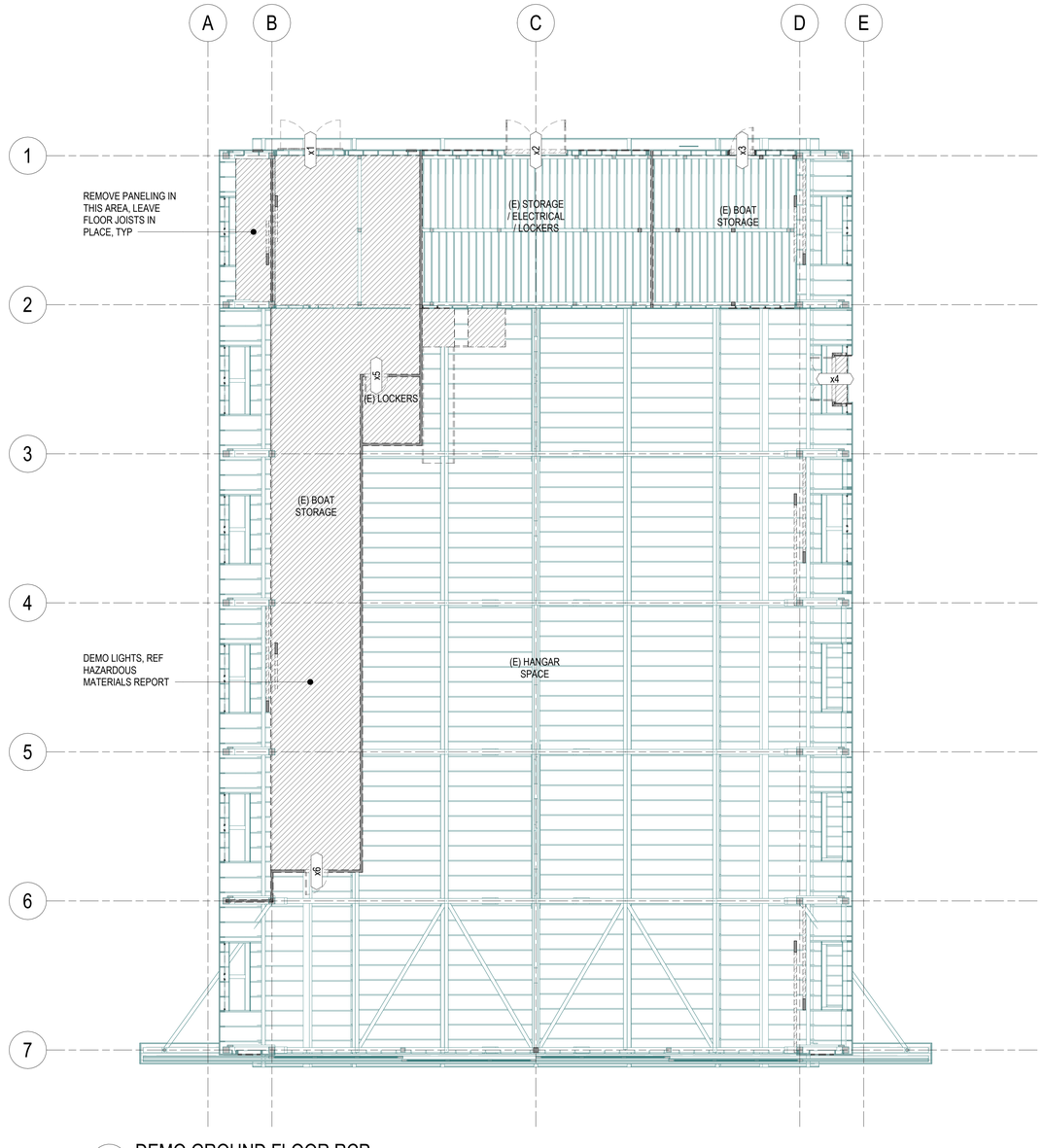
EXISTING INTERIOR SHEATHING IS A COMBINATION OF PATCHING AND THE ORIGINAL 1X8 SOFTWOOD SHIPLAP. REMOVE ALL PLYWOOD OR NON-SHIPLAP PATCHING AND REPLACE WITH 1X8 SHIPLAP. UTILIZE ANY RECLAIMED SHIPLAP FROM OTHER AREAS OF THE BUILDING FIRST, THEN USE NEW MATERIAL TO MATCH IN DIMENSION AND PROFILE. RECLAIMED MATERIAL WILL BE PRIORITIZED TO THE LOWEST PARTS OF THE WALL PER PRIORITY ZONES NOTED ON INTERIOR ELEVATION SHEETS. NEW MATERIAL WILL BE STAINED TO MATCH WITH A LOW VOC, LOW SHEEN WATERBASED STAIN AND SEALER.

DEMO LEGEND

- EXISTING SURFACE
- EXISTING CUT OBJECT
- DEMO SURFACE
- DEMO CUT OBJECT



2 DEMO MEZZANINE LEVEL RCP
1/8" = 1'-0" | 6/A3.01



1 DEMO GROUND FLOOR RCP
1/8" = 1'-0" | 8/A3.11

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LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
DEMO RCP

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
AD7.01
GMP SET

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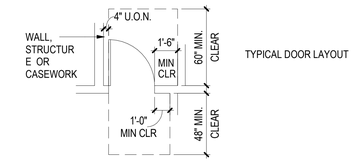
PLAN SHEET LEGEND



TYPICAL DOOR LAYOUT

EXISTING SURFACE

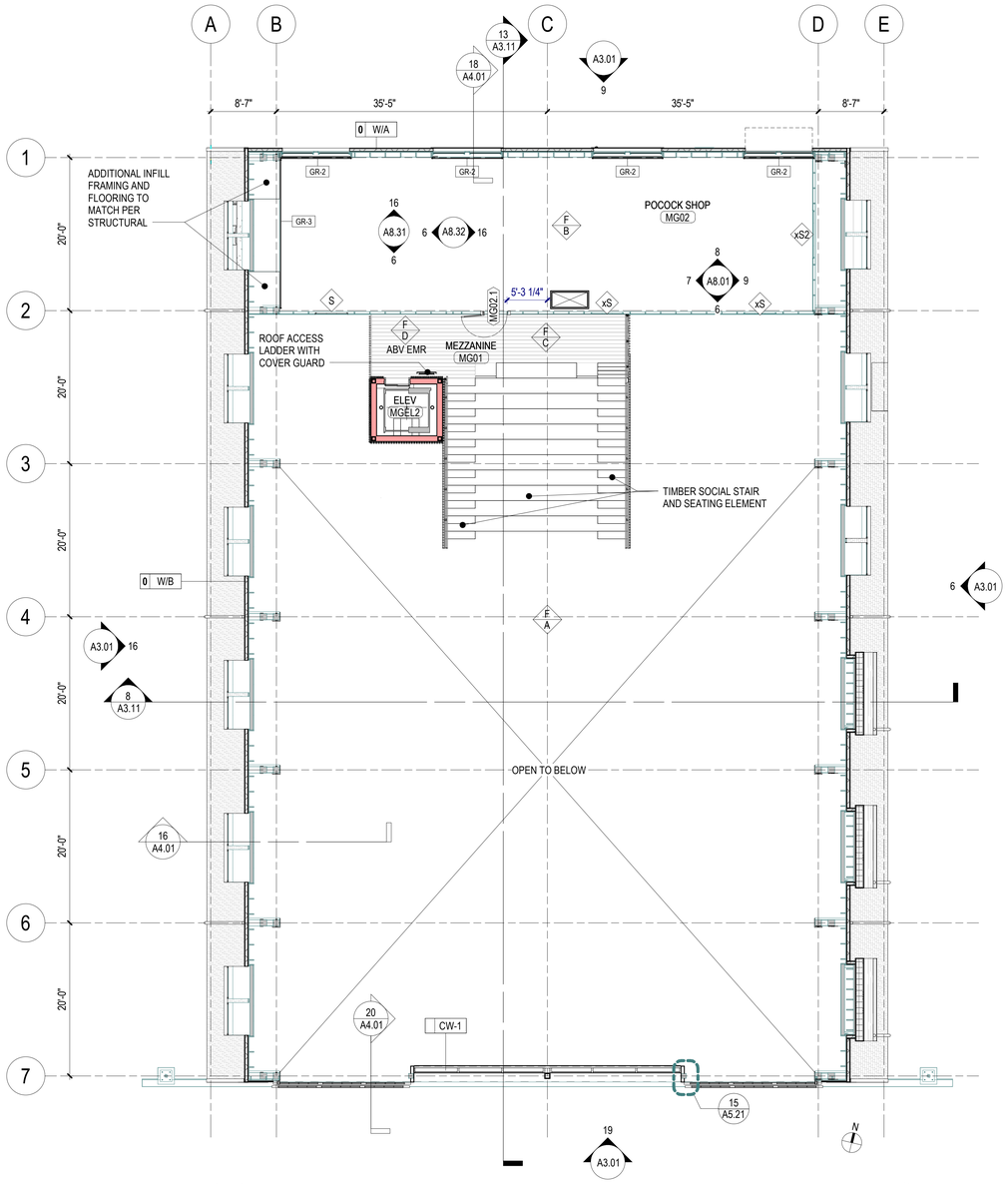
EXISTING CUT OBJECT

NEW SURFACE

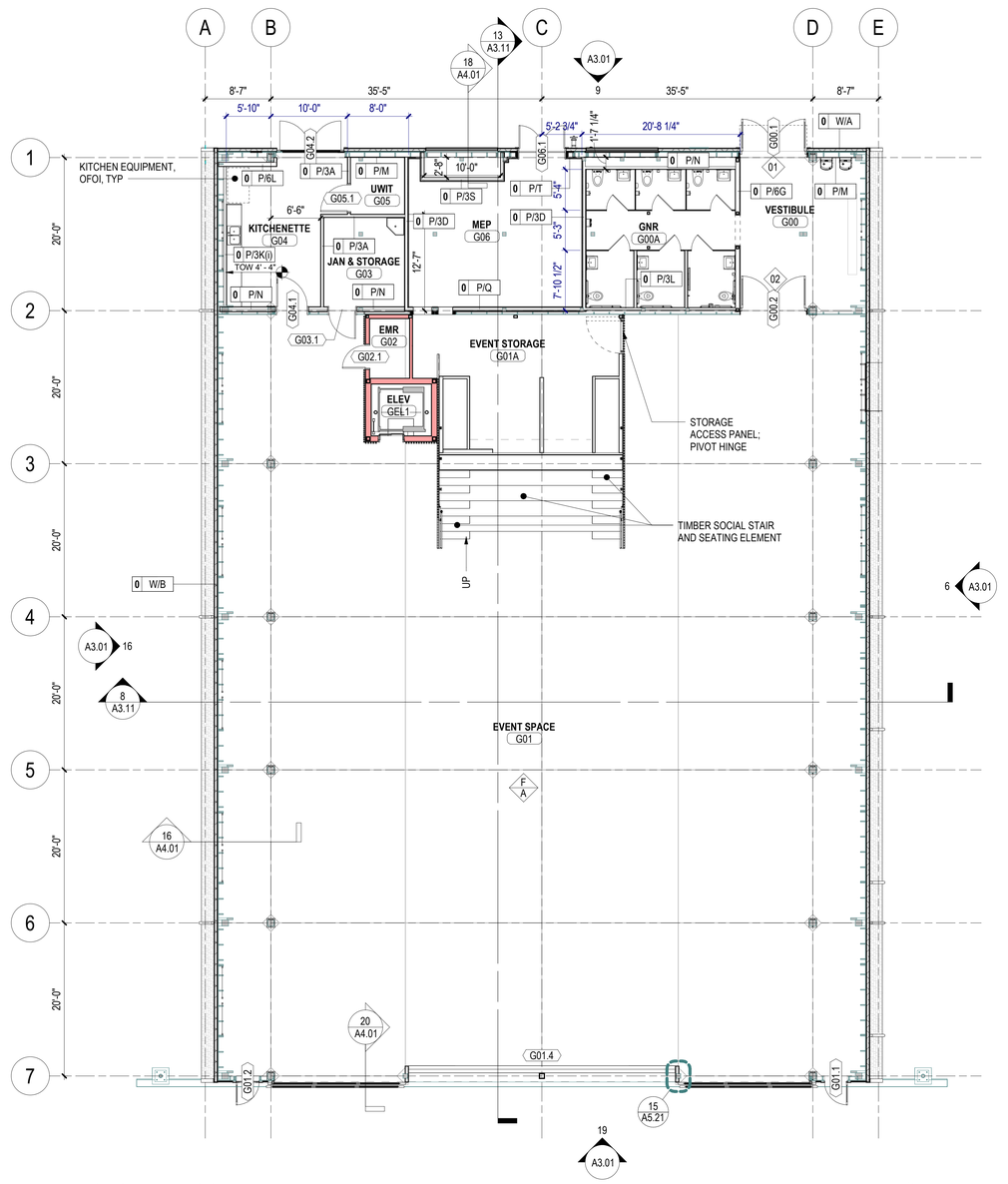
NEW CUT OBJECT

PLAN NOTES

1. SEE SHEET G1.02 FOR ABBREVIATION LIST AND DEFINITION.
2. SEE SHEET A5.01 FOR EXTERIOR WALL ASSEMBLIES.
3. SEE SHEET A9.01 FOR INTERIOR PARTITION ASSEMBLIES.
4. SEE SHEET A10.01 FOR DOOR TYPES & SCHEDULE.
5. SEE SHEET A10.01 FOR WINDOW / STOREFRONT / CURTAINWALL TYPES.
6. DOORS AND WINDOWS WITH THE PREFIX "x" ARE EXISTING.
7. CRITICAL CLEARANCES ARE DESIGNATED "CLEAR", "CLR" AND ARE TO FINISH FACE OF PARTITION.
8. DIFFERING PARTITION TYPES SHALL ALIGN SO WALL PLANES CONTINUE UNBROKEN WITHIN ROOMS, U.O.N.
9. PROVIDE/VERIFY A 4" CLEAR MIN DIMENSION BETWEEN R.O. AND NEAREST PERPENDICULAR WALL AT ALL INTERIOR DOORS, UNLESS NOTED OTHERWISE, OR WHERE DOOR IS INTENDED TO BE CENTERED.
10. MECHANICAL, ELECTRICAL AND PLUMBING SUBCONTRACTORS TO COMPLY WITH FIREBLOCKING AND FIRE STOPPING REQUIREMENTS AT ALL PENTRATIONS OF RATED WALLS.
11. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS
12. WHERE A PARTITION TYPE CONTAINS AN ASYMETRICAL # OF SHEATHING / GYP LAYERS, THE GREATER # OF LAYERS SHALL OCCUR ON THE SIDE OF THE PARTITION WHICH THE TAG IS ON.



16 SHOP LEVEL
1/8" = 1'-0" | 6/A3.01



1 GROUND FLOOR
1/8" = 1'-0" | 6/A3.01

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NO.	DATE	REVISION
1	04/02/2025	SSDP CORR #1
2	5/23/2025	ADDENDUM #1
3	06/06/2025	BLDG CORR #1

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PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
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CHECK
KB

TITLE
FLOOR PLANS

PROJECT NO
2327300 / UW 206756
DATE
10/31/2024

SHEET NUMBER
A2.01
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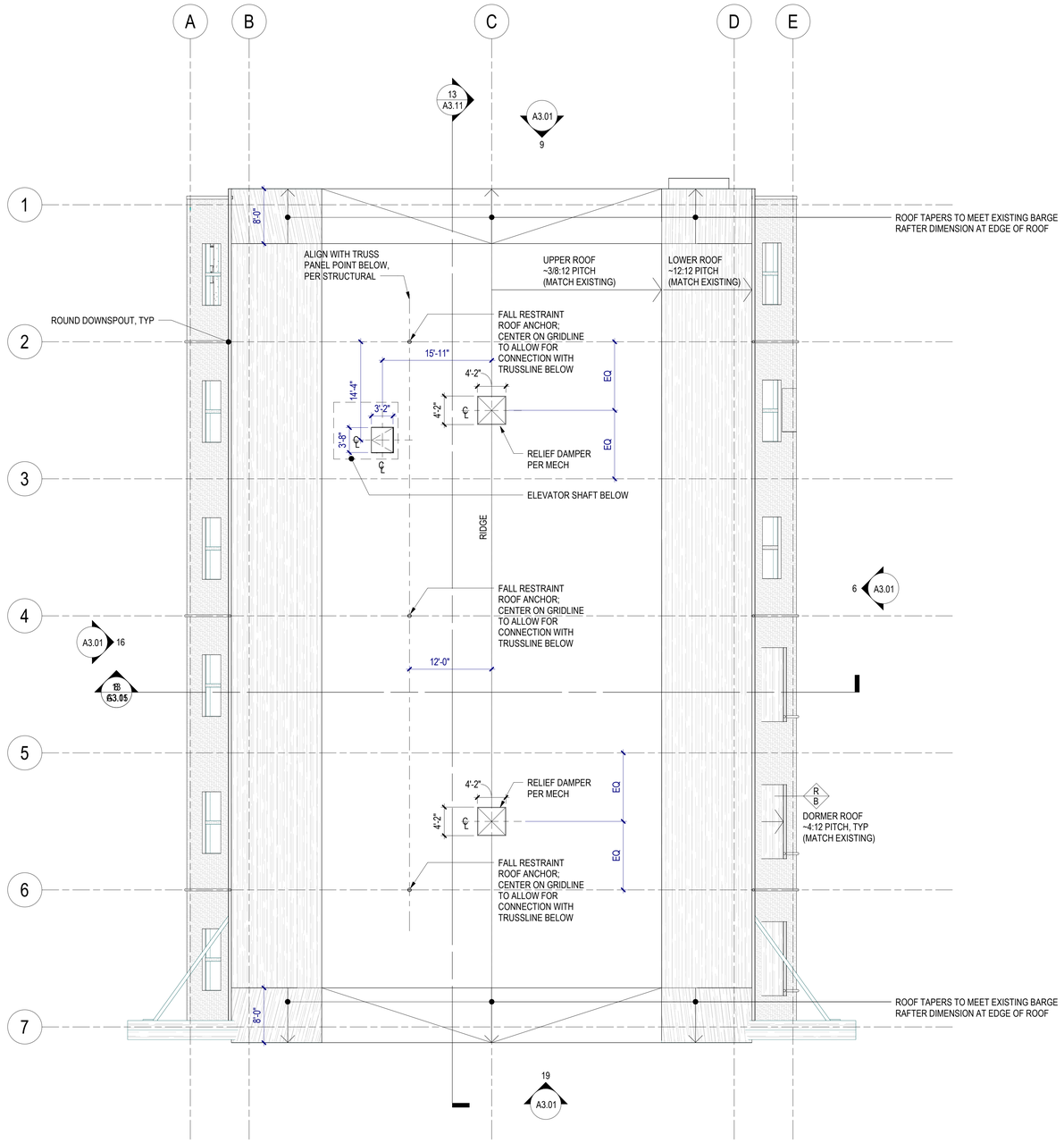

16 ROOF PLAN
1/8" = 1'-0" | 6/A3.01

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ROOF PLAN

PROJECT NO
2327300 / UW 206756
DATE
10/31/2024

SHEET NUMBER
A2.09
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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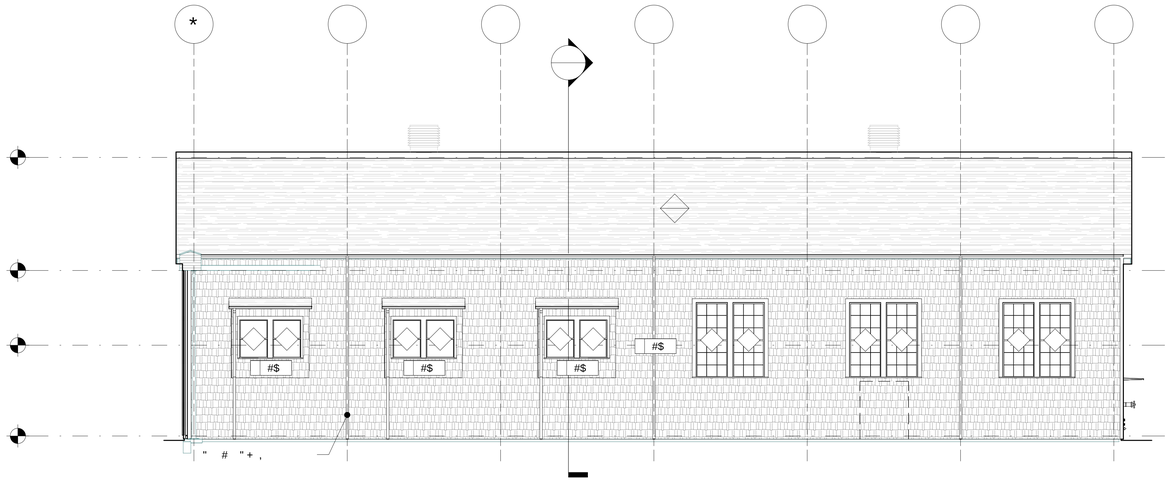

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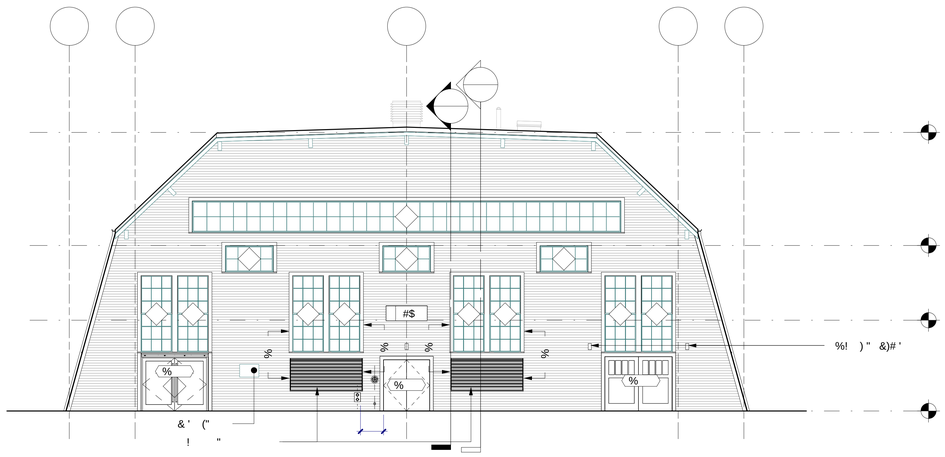

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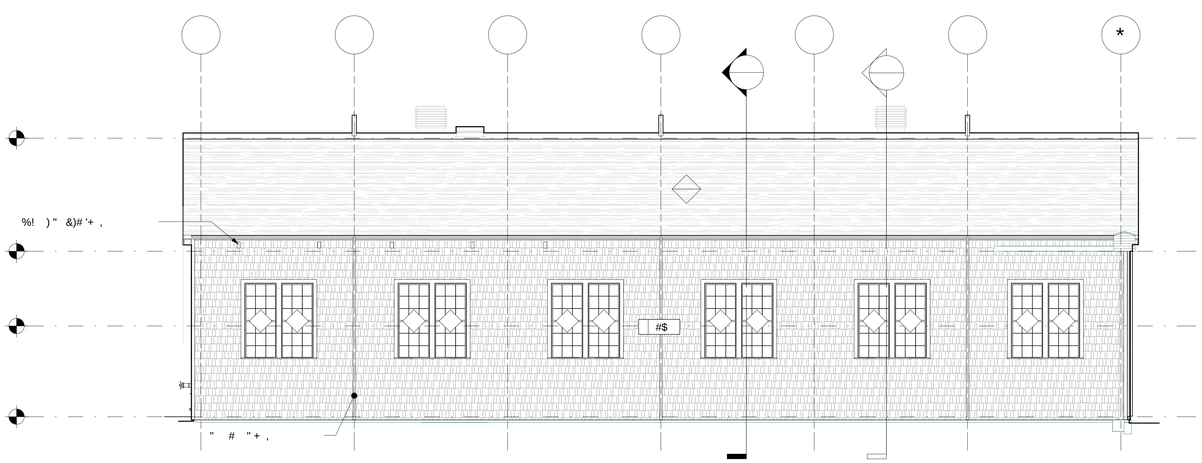

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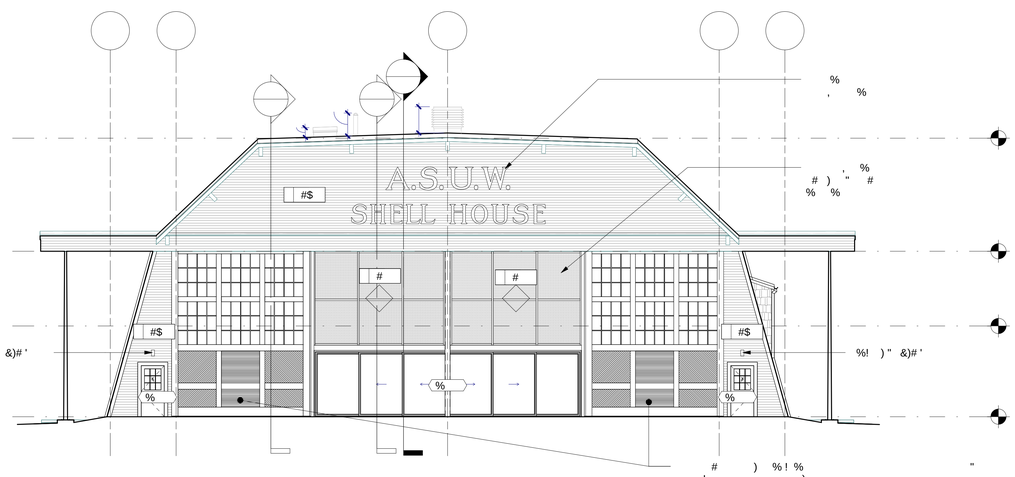

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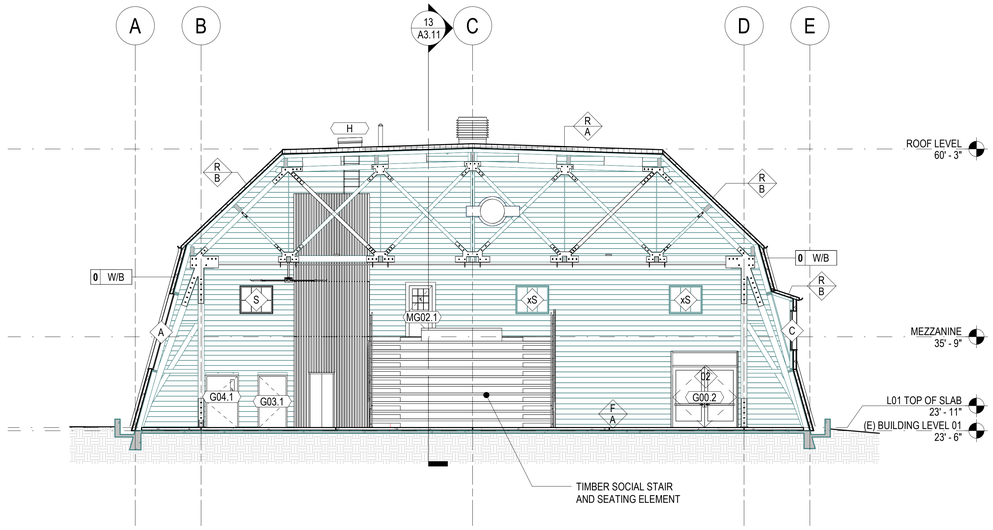
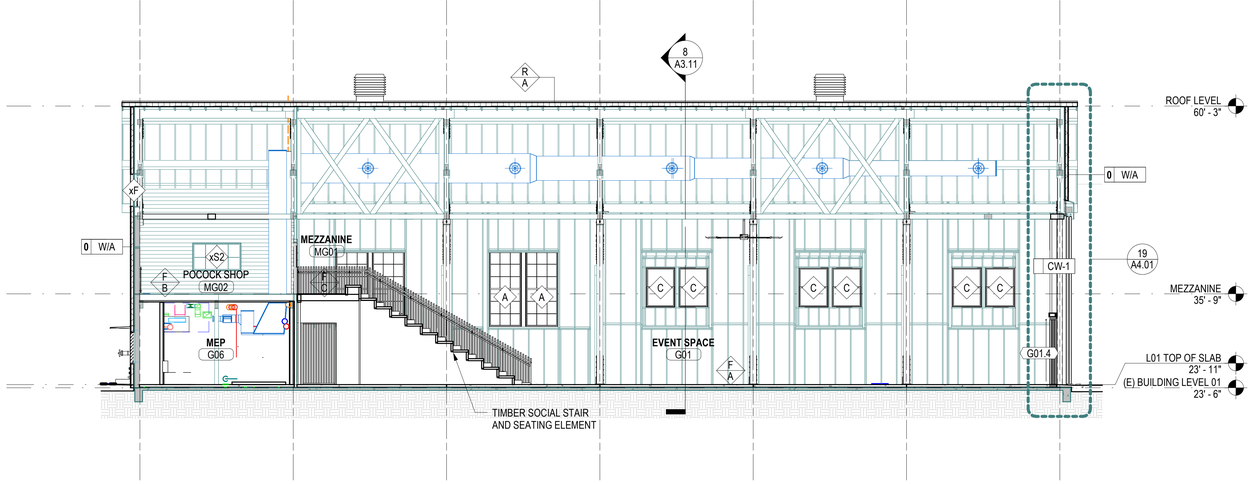
INTERIOR SHEATHING NOTES

EXISTING INTERIOR SHEATHING IS A COMBINATION OF PATCHING AND THE ORIGINAL 1X SOFTWOOD SHIPLAP. USE SALVAGED SHEATHING FROM DEMOLITION TO REPLACE MISSING OR COMPROMISED SHEATHING AS INDICATED ON INTERIOR ELEVATION SHEETS. RECLAIMED MATERIAL WILL BE PRIORITIZED TO THE LOWEST PARTS OF THE WALL PER PRIORITY ZONES NOTED ON INTERIOR ELEVATION SHEETS. NEW AND EXISTING PLYWOOD TO BE STAINED TO MATCH EXISTING SHIPLAP.



8 TRANSVERSE BUILDING SECTION
1/8" = 1'-0" | 1/A2.01



13 LONGITUDINAL BUILDING SECTION
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PREPARED FOR
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UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION
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3	06/06/2025	BLDG CORR #1

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PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
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CHECK
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TITLE
BUILDING SECTION

PROJECT NO.
2327300 / UW 206756
DATE
10/31/2024

SHEET NUMBER
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GMP SET

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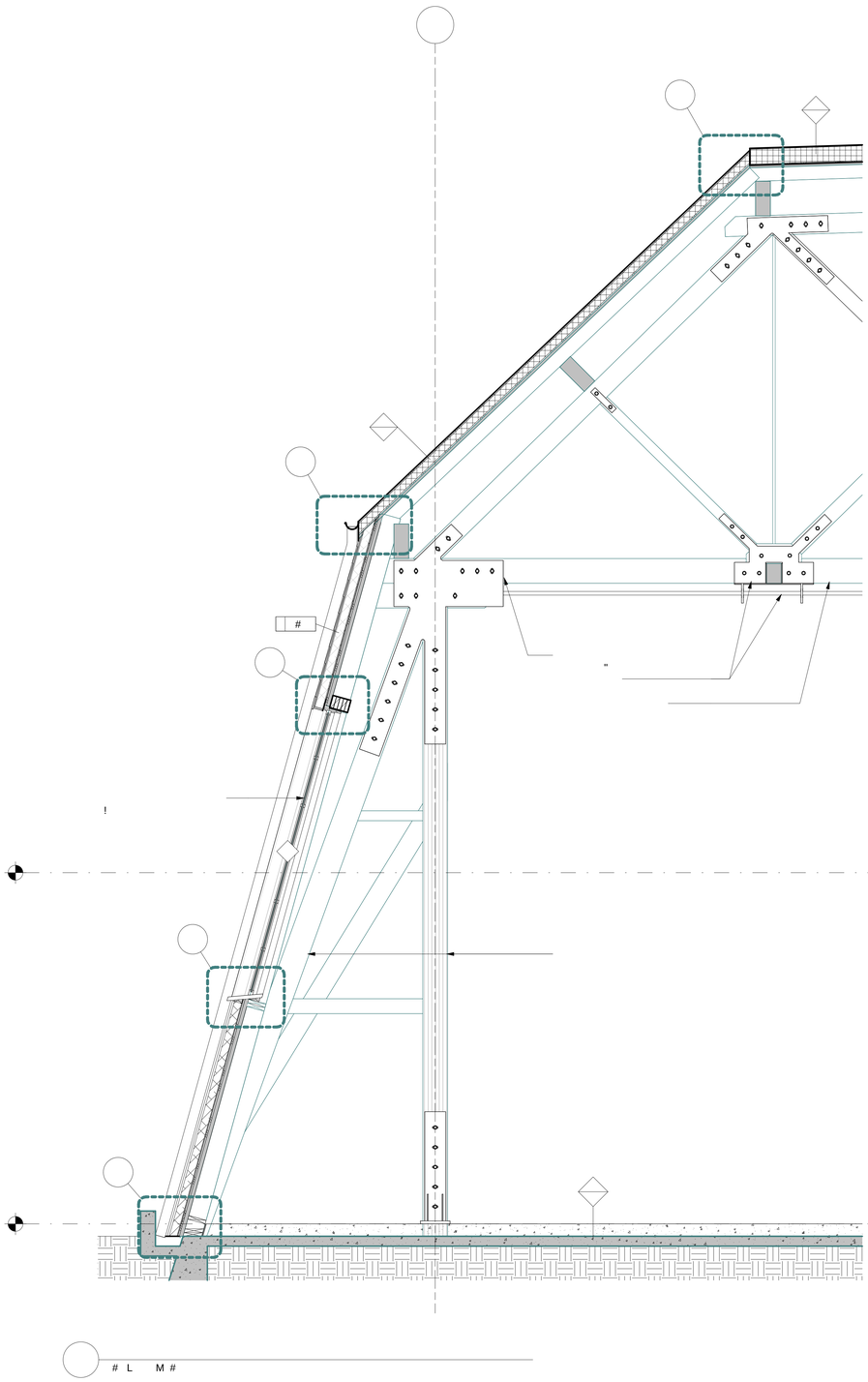

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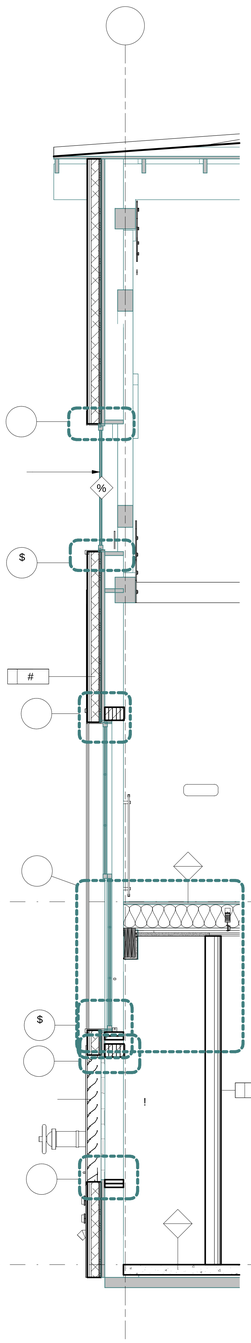

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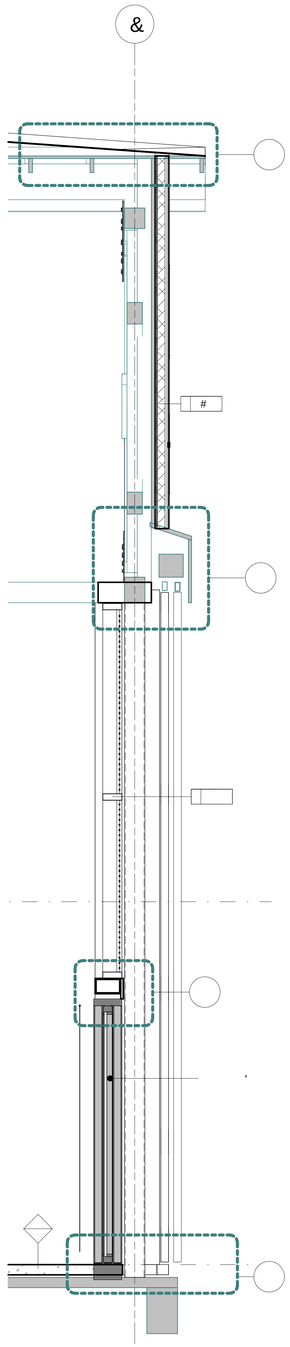

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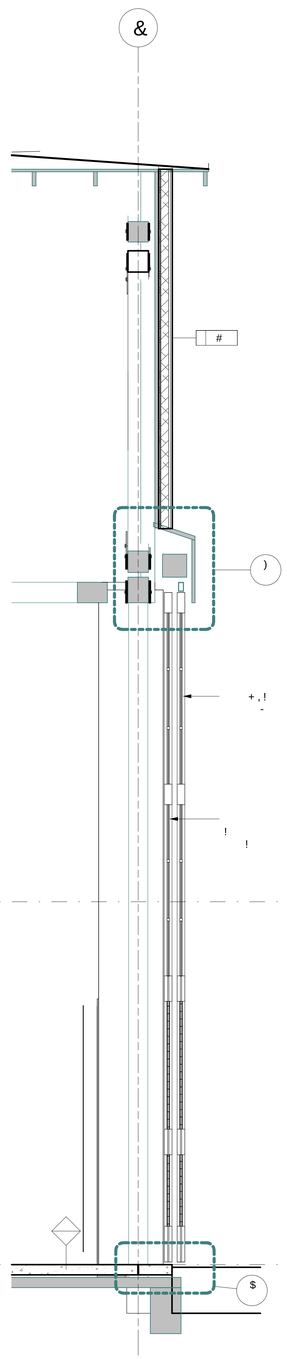

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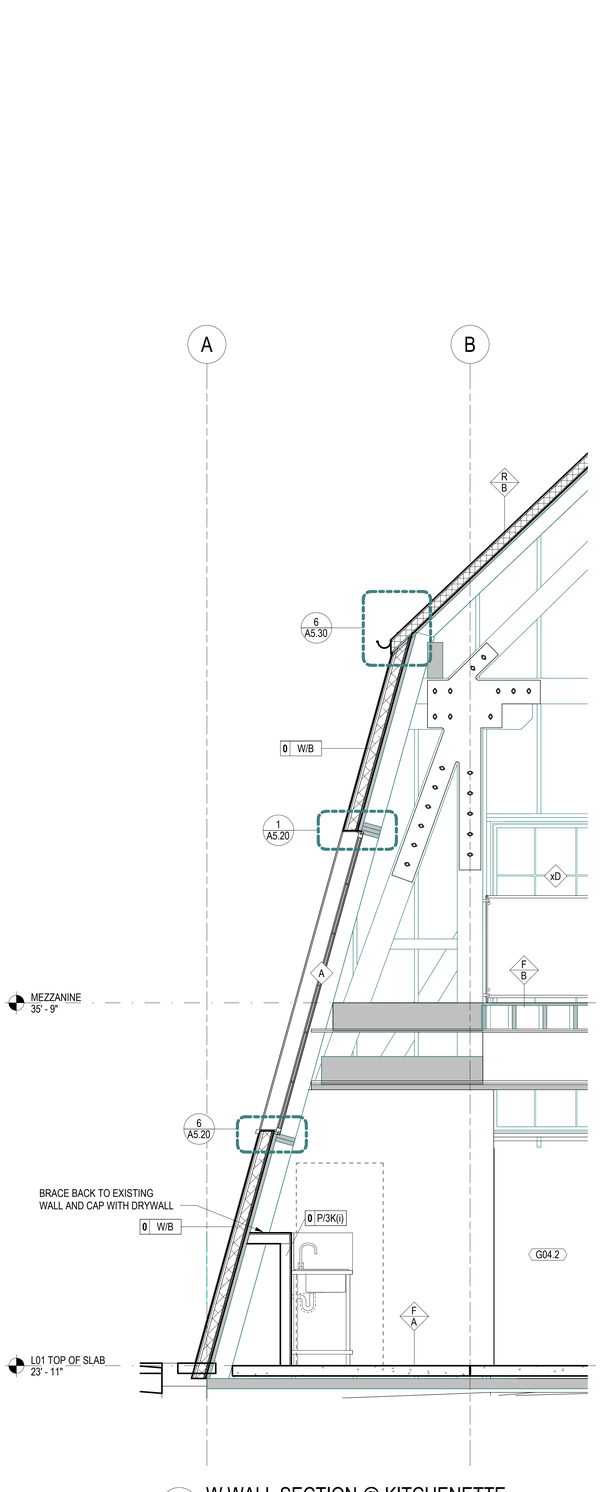
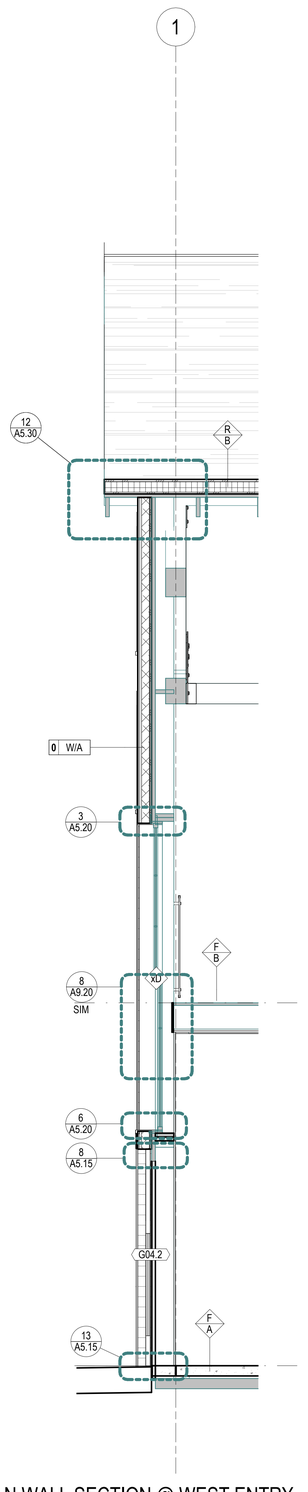
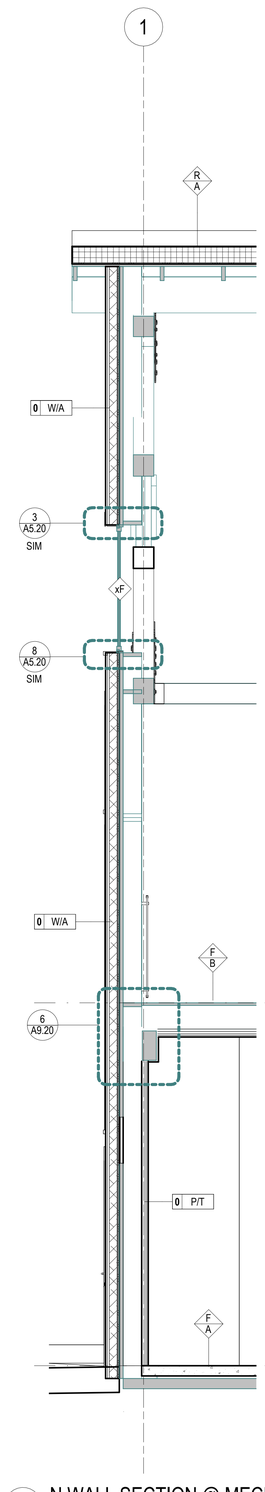


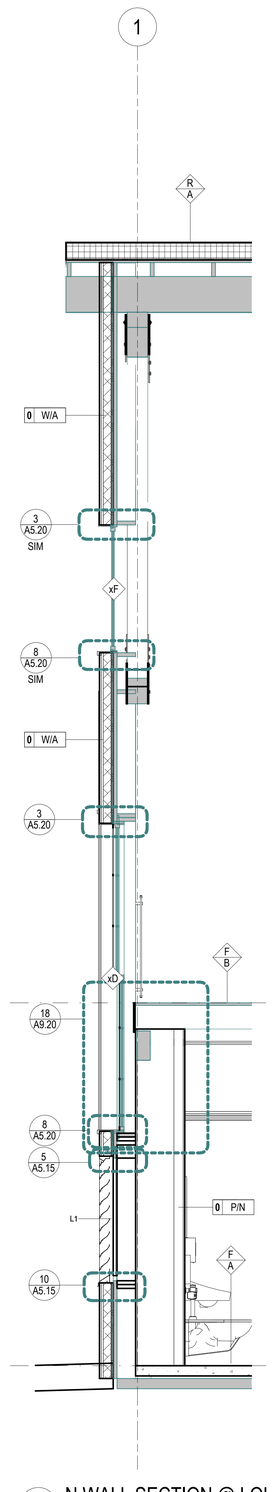
16 W WALL SECTION @ KITCHENETTE
1/2" = 1'-0" | 16/A2.01



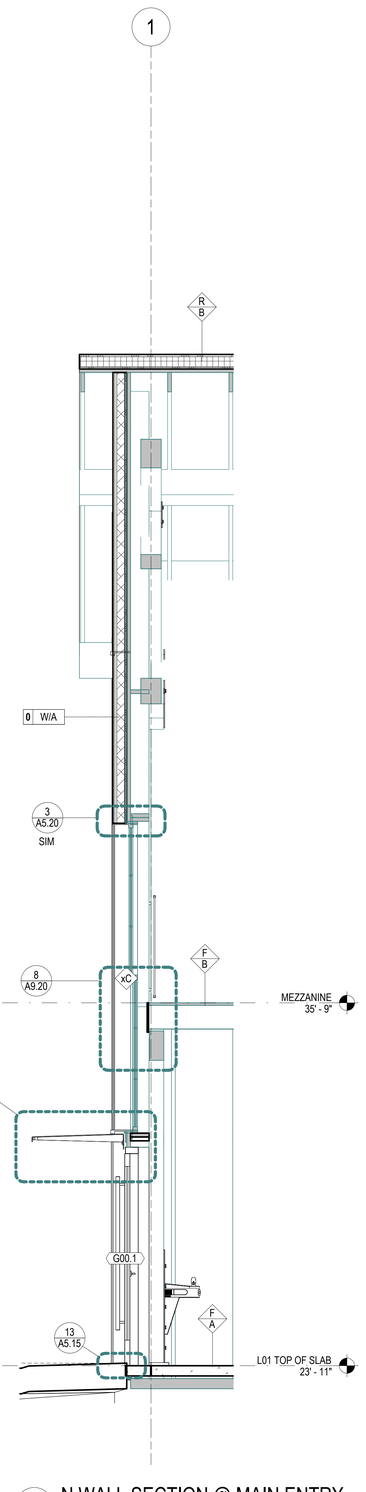
17 N WALL SECTION @ WEST ENTRY
1/2" = 1'-0" | 16/A2.01



18 N WALL SECTION @ MECH WALL
1/2" = 1'-0" | 16/A2.01



19 N WALL SECTION @ LOUVER
1/2" = 1'-0" | 16/A2.01



20 N WALL SECTION @ MAIN ENTRY
1/2" = 1'-0" | 16/A2.01

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640 REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
WALL SECTIONS

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A4.02
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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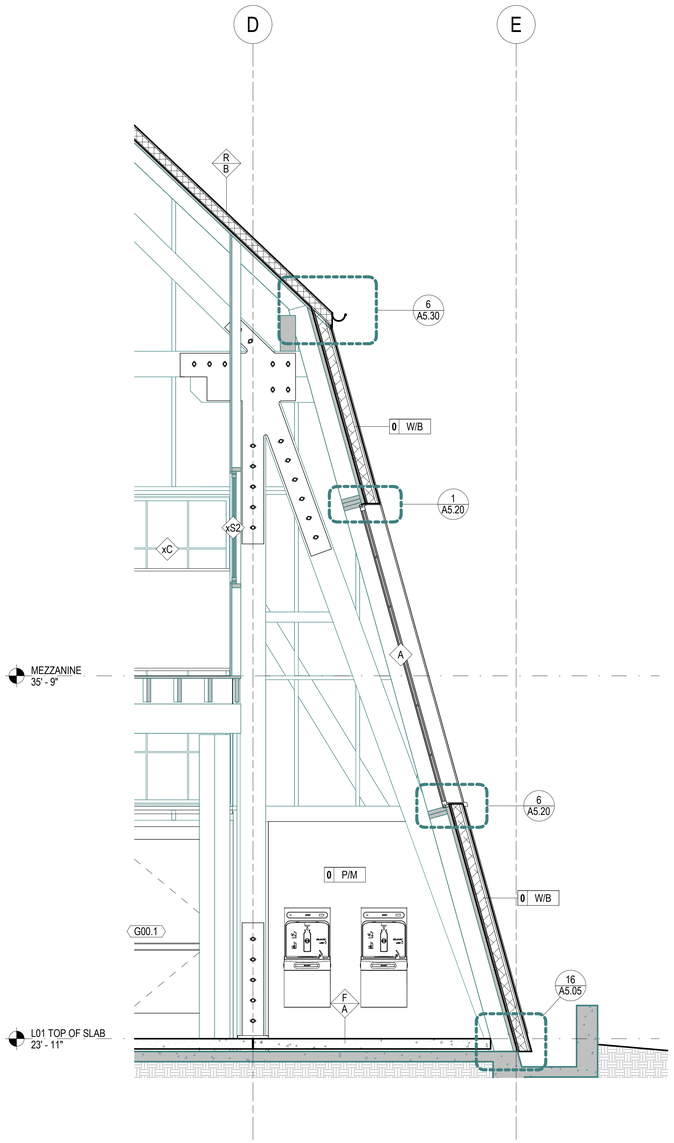
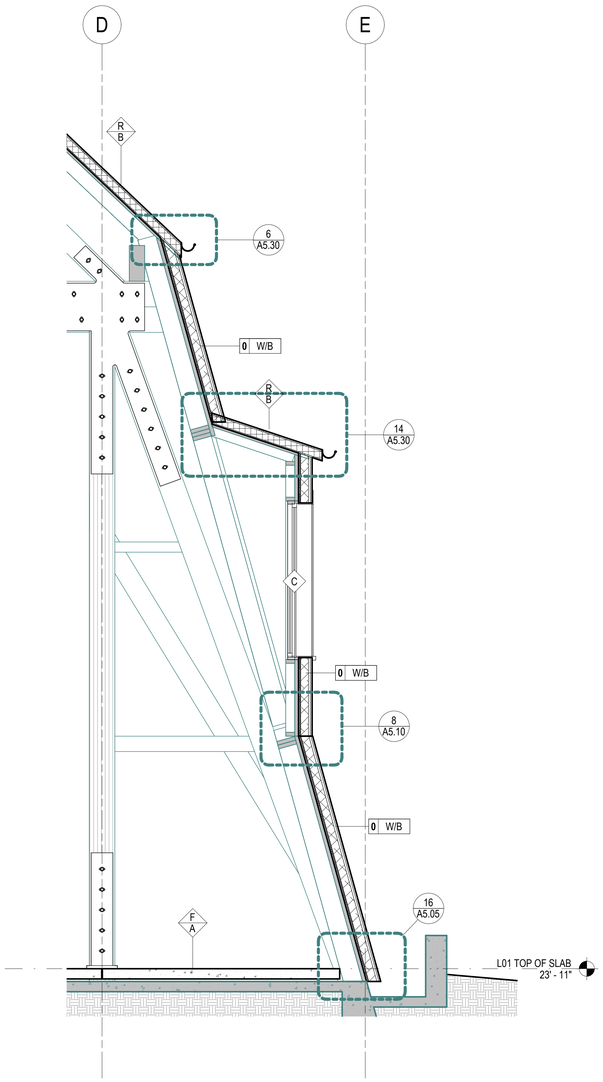
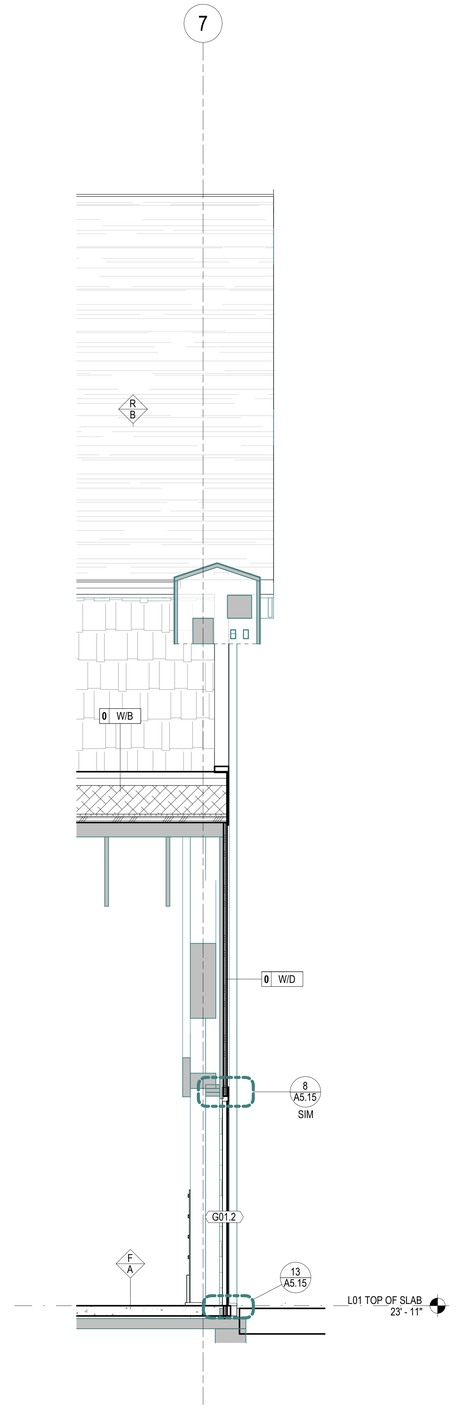


16 EAST WALL SECTION @ VESTIBULE
1/2" = 1'-0" | 16/A2.01



17 WALL SECTION - EAST WALL @ DORMER
1/2" = 1'-0" | 16/A2.01



20 S WALL SECTION @ EXIT DOOR
1/2" = 1'-0" | 16/A2.01

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9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
WALL SECTIONS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A4.03
GMP SET

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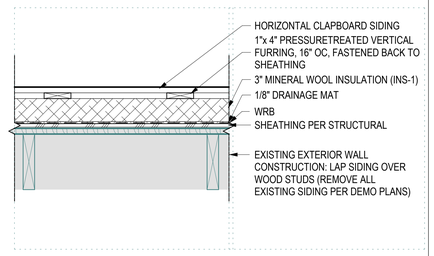
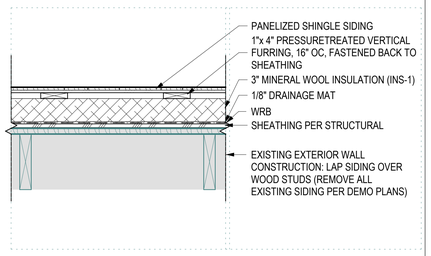
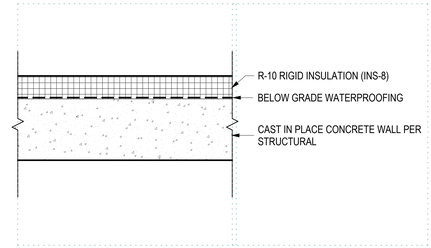
EXTERIOR WALL ASSEMBLY TYPES



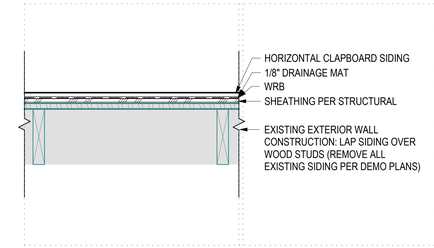
HORIZONTAL CLAPBOARD SIDING	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
W/A (0 W/A)	R-12+		NR	NA



PANELIZED SHAKE SIDING	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
W/B (0 W/B)	R-12+		NR	NA

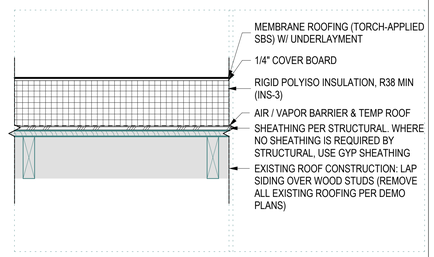


BELOW GRADE CONCRETE WALL	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
W/C (0 W/C)	R-10+		NR	NA

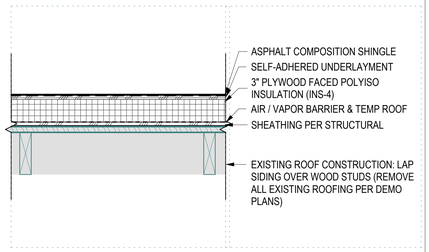


HORIZONTAL CLAPBOARD SIDING	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
W/D (0 W/D)	NR		NR	NA

ROOF ASSEMBLY TYPES

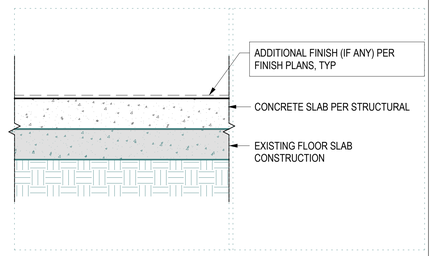


TORCH-APPLIED SBS UPPER ROOF	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
R/A (R A)	R-38+		NR	NA

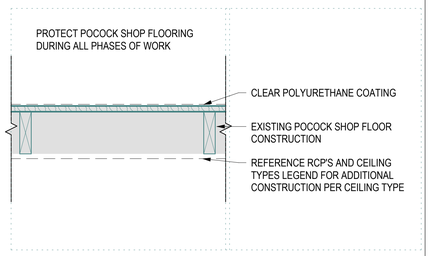


ASPHALT COMPOSITION SHINGLE LOWER ROOF	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
R/B (R B)	R-19+		NR	NA

FLOOR ASSEMBLY TYPES



CONCRETE TOPPING SLAB	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
F/A (F A)	N/A	N/A	NR	N/A



POCOCK SHOP FLOOR CONSTRUCTION	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
F/B (F B)	N/A	N/A	NR	N/A

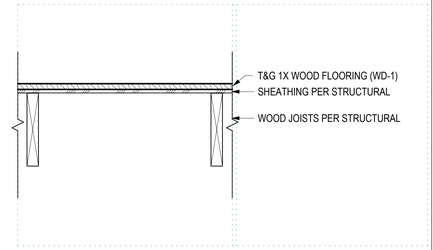
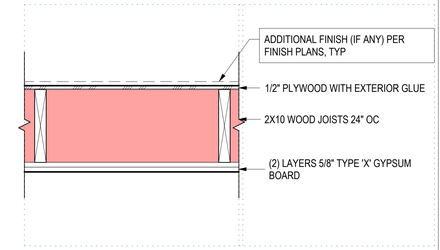
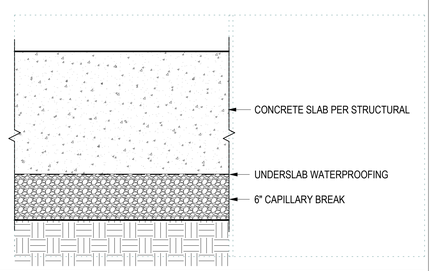


EXHIBIT MEZZANINE PLATFORM	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
F/C (F C)	N/A	N/A	NR	N/A



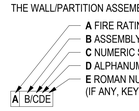
ELEVATOR PLATFORM - 1 HR	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
F/D (F C)	N/A	N/A	1 HR	GA FC 5529



ELEVATOR PIT SLAB	THERMAL		FIRE	
	R-V	U-V	RATING	TEST
F/E (F E)	N/A	N/A	NR	N/A

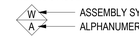
BUILDING ASSEMBLIES SCHEDULE NOTES

THE WALL/PARTITION ASSEMBLY SYMBOL - TYPE KEYED TO THE ADJACENT SCHEDULE.



A FIRE RATING
B ASSEMBLY TYPE (P=PARTITION, W=EXTERIOR WALL)
C NUMERIC STUD SIZE MODIFIER (KEY BELOW)
D ALPHANUMERIC PARTITION TYPE
E ROMAN NUMERAL PARTITION CONFIGURATION TYPE MODIFIER (IF ANY, KEY BELOW)

THE BLDG ASSEMBLY SYMBOL- TYPE KEYED TO THE ADJACENT SCHEDULE.



ASSEMBLY SYSTEM: R = ROOF / W = EXTERIOR WALL / F = FLOOR
ALPHANUMERIC ASSEMBLY TYPE

1. FIRE RATED ASSEMBLIES ARE BASED ON IBC, UL, OR US GYPSUM ASSOCIATION (GA) TEST DATA AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TESTING AGENCIES. REFER TO SPECIFIC TEST REPORTS INDICATED FOR REQUIRED COMPONENTS AND ASSEMBLY. CONTRACTOR SHALL PROVIDE (2) COPIES OF EACH REFERENCED MANUAL TO THE JOBSITE TO COORDINATE FIRE RESISTIVE ATTACHMENT WITH SHEAR CONNECTORS AND SOUND RATED ASSEMBLIES. GA 600 MANUAL IS ACCEPTED BY 2021 SBC TABLE 721.1(2) NOTE O FOR NON-PROPRIETARY ASSEMBLIES.

2. EXTENTS OF ASSEMBLIES ARE SHOWN ON THE PLANS AND SECTIONS. FIRE RATED WALL ASSEMBLIES FORM A SEPARATION THAT SHALL BE CONTINUOUS FROM FLOOR TO STRUCTURE ABOVE WITH NO BREAKS AT COLUMNS, WALL TRANSITIONS, OR OTHER OBSTRUCTIONS.

3. ALL PENETRATIONS IN FIRE RATED ASSEMBLIES REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE FIRESTOPPED OR PROVIDED WITH APPROVED SMOKE AND/OR FIRE DAMPERS PER CODE REQUIREMENTS.

4. PROVIDE THRU-PENETRATION FIRESTOP SYSTEMS FOR RATED ROOFS, WALLS, AND FLOORS THAT ARE PRODUCED AND INSTALLED TO RESIST THE SPREAD OF FIRE ACCORDING TO REQUIREMENTS INDICATED, RESIST PASSAGE OF SMOKE AND OTHER GASES, AND MAINTAIN ORIGINAL FIRE-RESISTANCE RATING OF THE ASSEMBLY PENETRATED.

5. FIRE RATED WALLS MAY HAVE OPENINGS FOR STEEL ELECTRICAL BOXES NOT TO EXCEED 16 SQUARE INCHES PROVIDED THE AGGREGATE AREA OF ALL BOXES DOES NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF PARTITION.

6. ALL GYPSUM BOARD SHALL BE TYPE "X" UNLESS NOTED OTHERWISE.

7. SUBSTITUTE TYPE "X" MOLD AND WATER RESISTANT GYPSUM BOARD AT TOILET, SHOWER, JANITOR, AND KITCHEN ROOMS, KITCHENETTE, AND SIMILAR "WET" USES.

8. PROVIDE TILE BACKER BOARD AT TILE FINISHES. DO NOT REDUCE REQUIRED FIRE-RESISTANCE RATING OF WALL ASSEMBLY.

9. PROVIDE BLOCKING AT THE FOLLOWING LOCATIONS: CASEWORK, SHELVING, AND PANELING; ACCESSORIES AND EQUIPMENT; DOOR HARDWARE; TOILET PARTITIONS AND ACCESSORIES; ACOUSTICAL PANELS; AND OTHER LOCATIONS WHERE REQUIRED PER MANUFACTURER'S RECOMMENDATIONS OR INDUSTRY STANDARDS.

10. FIREBLOCK IN ACCORDANCE WITH 2021 SBC SECTION 718 AT THE FOLLOWING CONCEALED DRAFT LOCATIONS: (A) IN CONCEALED WALL SPACES AT 10' O.C. EACH WAY AND AT CEILING / FLOOR LEVELS. (B) AT INTERCONNECTIONS OF CONCEALED SOFFITS, DROPPED CEILINGS AND COVES. (C) IN OPENINGS AROUND VENTS, PIPES, DUCTS AT CEILING / FLOOR LEVELS. (D) AT OPENINGS BETWEEN ATTIC SPACES AND MANUFACTURED CHIMNEY CHASES.

12. FOR PROPERTIES OF COOLER OR WALLBOARD NAILS, SEE ASTM C 514, ASTM C 547 OR ASTM F 1667.

13. THESE DETAILS REPRESENT MINIMUM ARCHITECTURAL REQUIREMENTS. IN SOME CASES THE STRUCTURAL DRAWINGS WILL DETERMINE THE ACTUAL DIMENSIONS AND CONNECTION METHODS, AND IN THOSE CASES WILL GOVERN. COORDINATE BETWEEN SCOPE SHOWN BY THE STRUCTURAL DRAWINGS AND INDICATED MINIMUM ARCHITECTURAL ASSEMBLIES.

14. DRAFTSTOPPING IS NOT REQUIRED IN FLOOR/CEILING SPACES PER 2021 SBC SECTION 718.3, EXCEPTION 1. THE BUILDING WILL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 (NFPA 13).

16. AIR BARRIER: SEAL PLYWOOD AND GYPSUM SHEATHING JOINTS AND PENETRATIONS.

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9640 REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
EXTERIOR ASSEMBLIES & FLOOR ASSEMBLIES

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
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<RXU XVH RI WKH DWWDFKHG HQFORVHG PHLO RU WUDQVPLWWDO ILOHV VKRXOG PRPHQWDULO\ DOORZ WKDW PDWHULDO WR EH GHOLYHUHG WR WKH LQWHQGHG UHFLSLHQW RQO\ $1< GLVFORVXUH GLVWULEXWLRQ RU FRS\LQJ RI WKLV PDWHULDO LV VWULFWO\ SURKLELWHG ,I \RX KDYH UHFHLYHG WKLV PDWHULDO LQ HUURU SOHDVH QRWLI\ XV LPPHGLDWHO\ DQG GHOHWH DOO FRSLHV RI WKH PDWHULDO IURP \RXU FRPSXWHU DQG QHWZRUN V\VWHPV 7KDQN \RX

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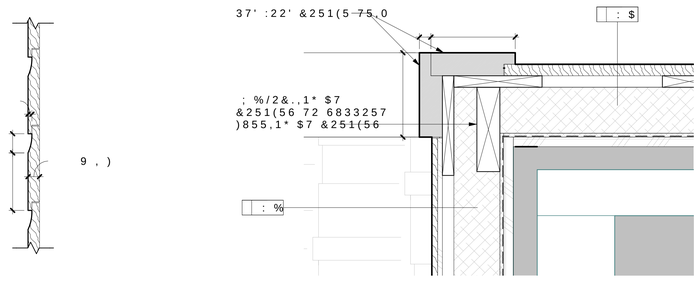

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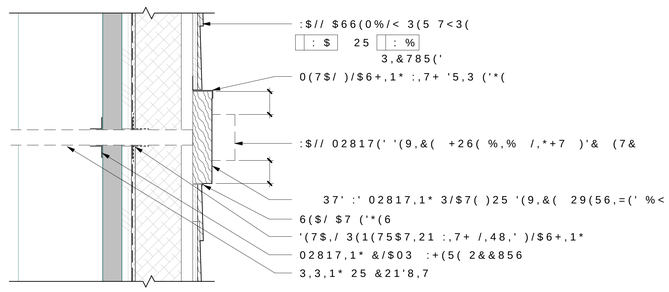

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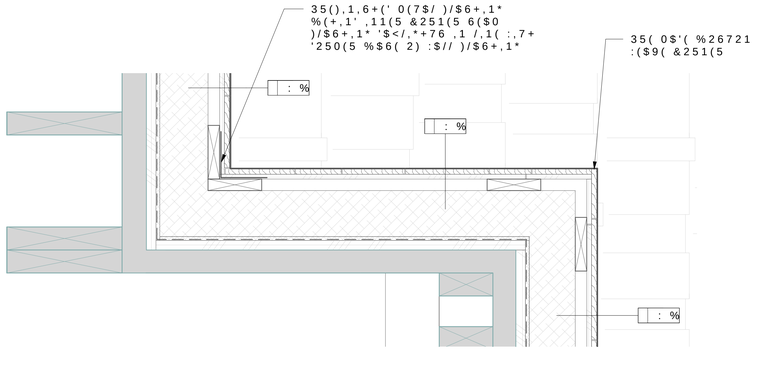

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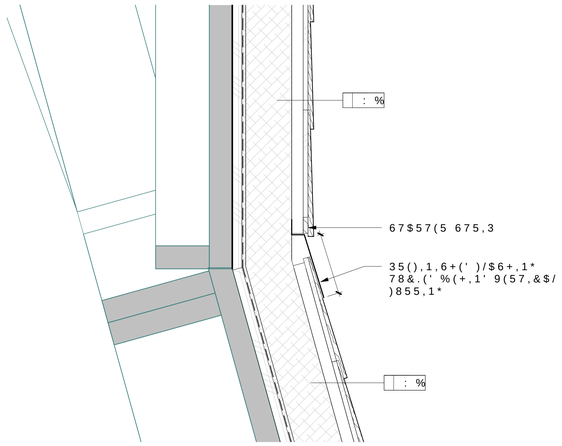

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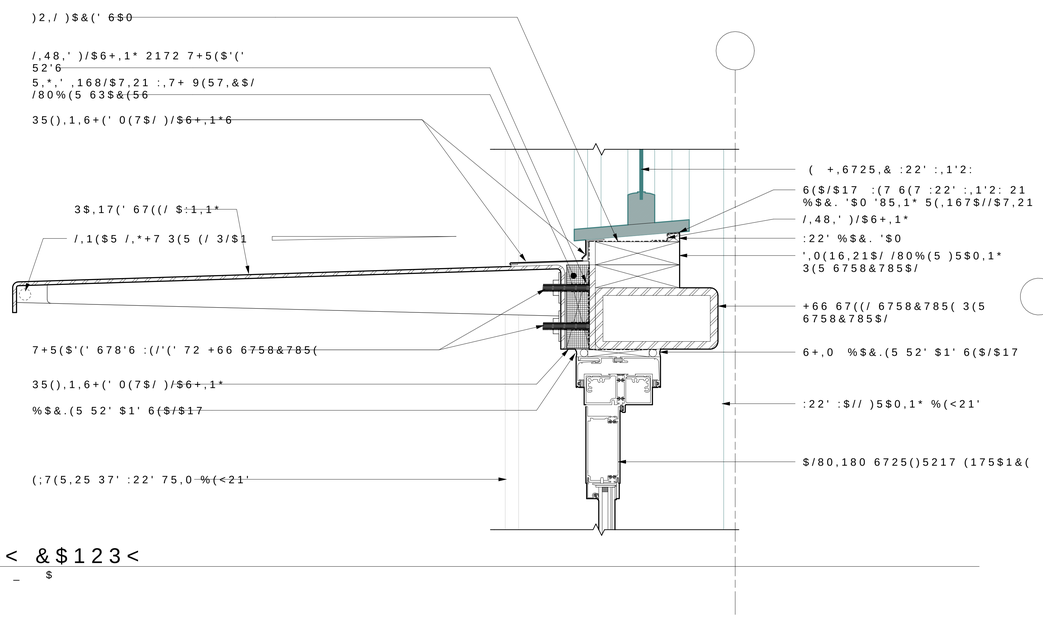

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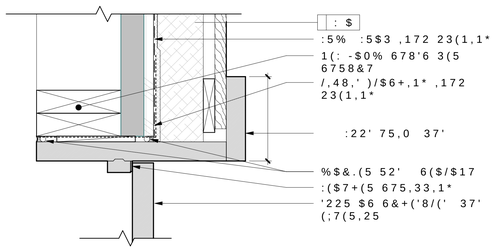

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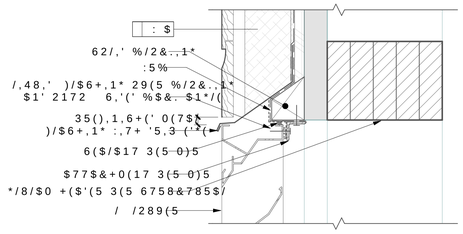

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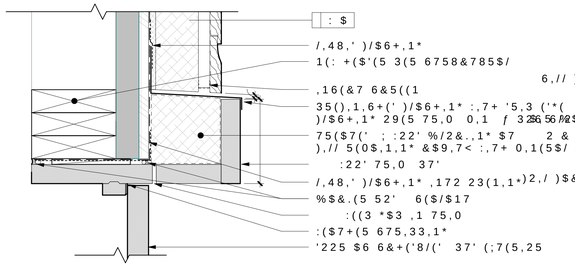

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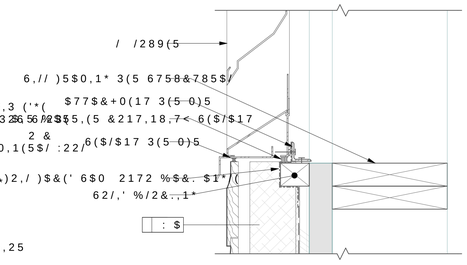

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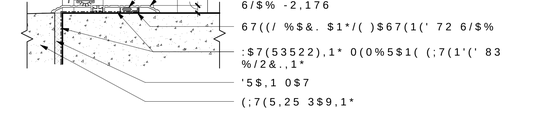

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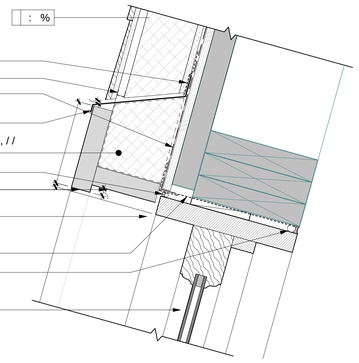

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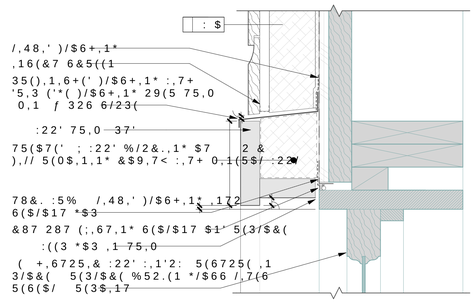

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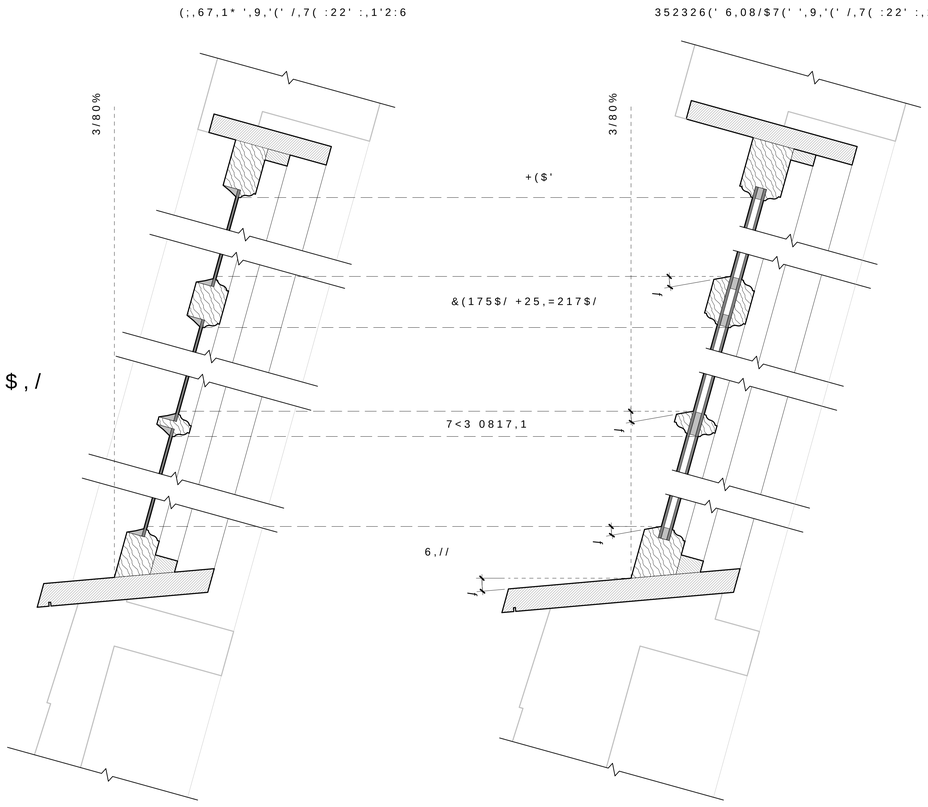

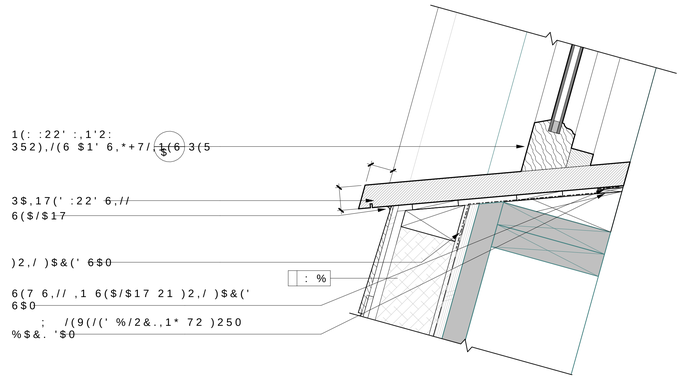

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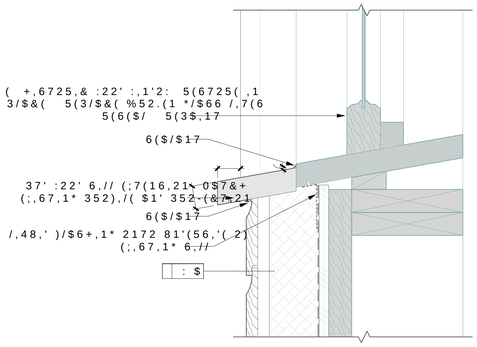

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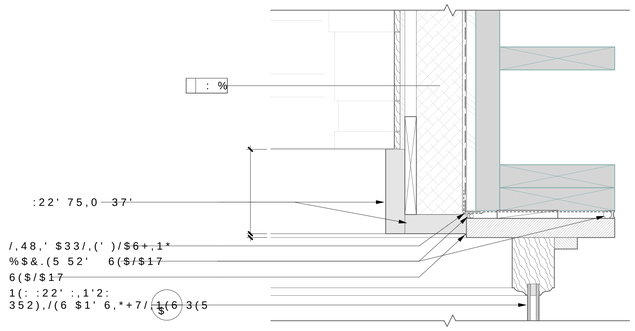

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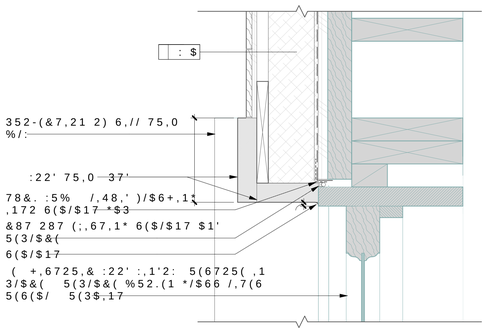

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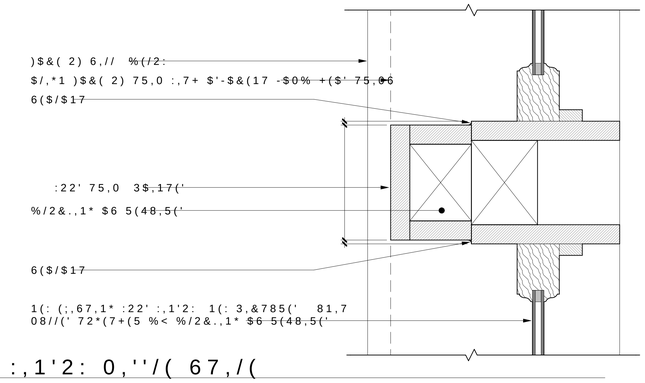

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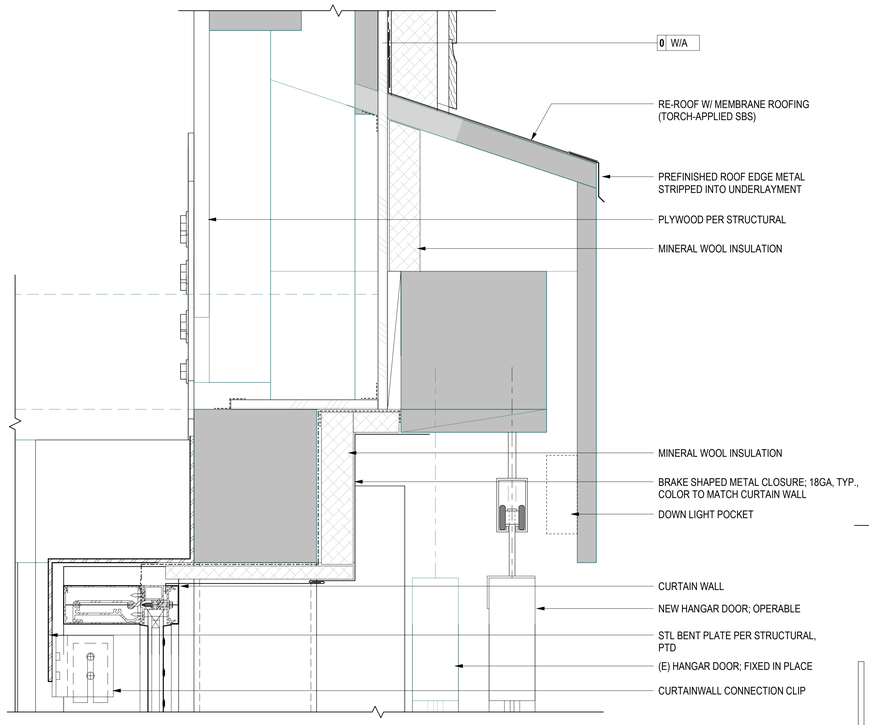
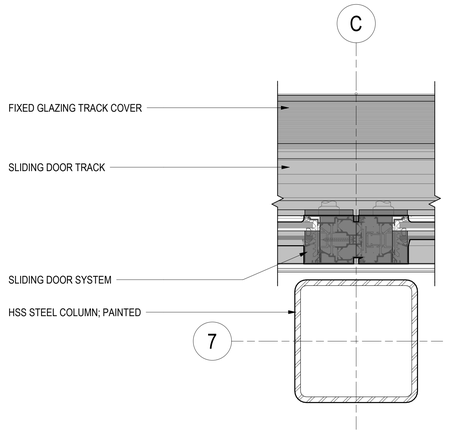


6 CURTAINWALL HEAD DETAIL
3" = 1'-0" | 19/A4.01



4 SLIDING DOOR PLAN DETAIL
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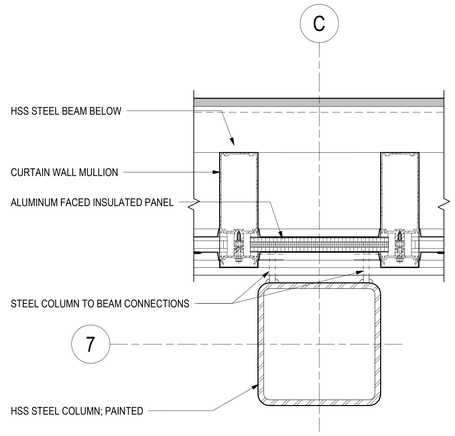

5 CURTAIN WALL SPANDREL DETAIL
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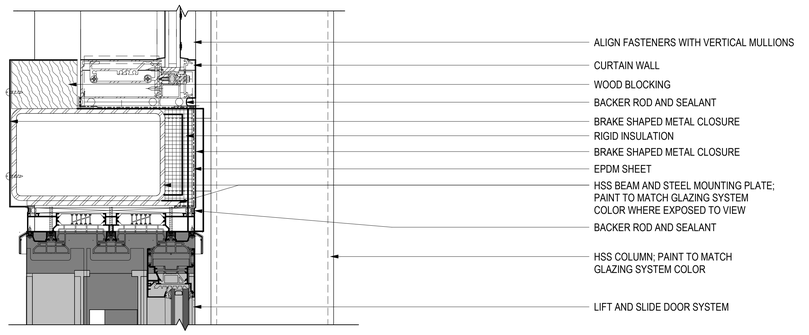
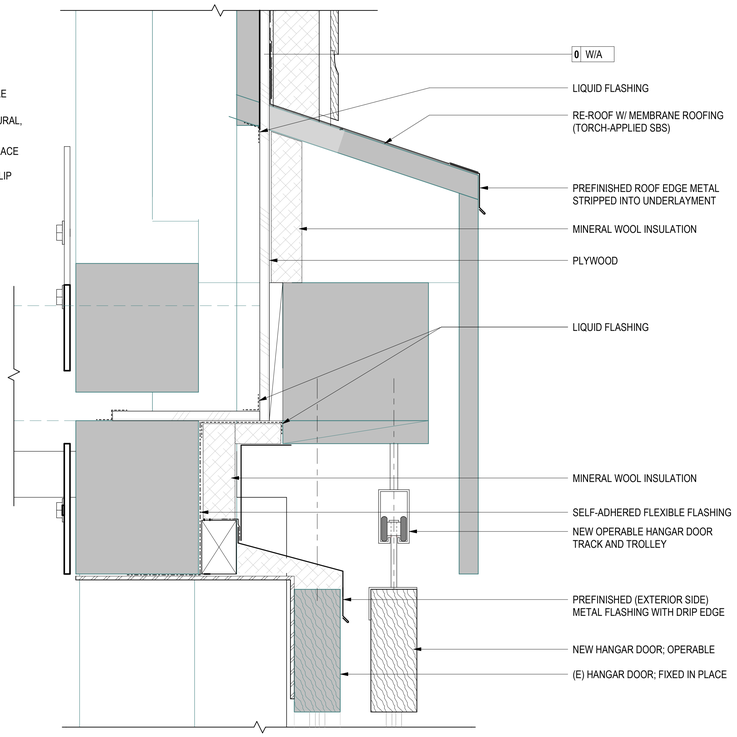
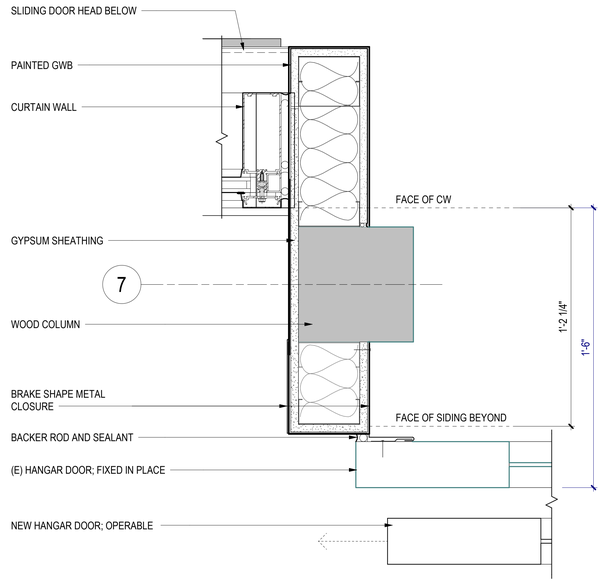


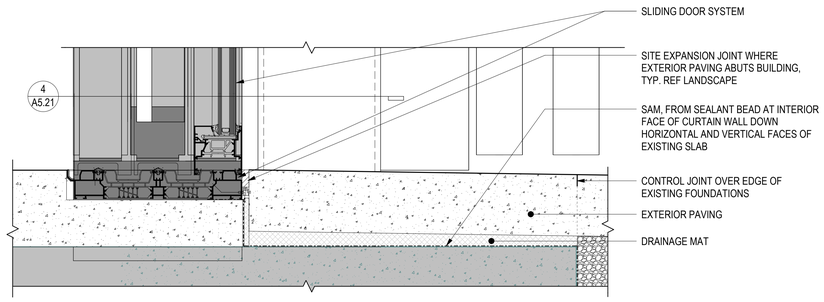
11 SLIDING DOOR HEAD DETAIL
3" = 1'-0" | 19/A4.01



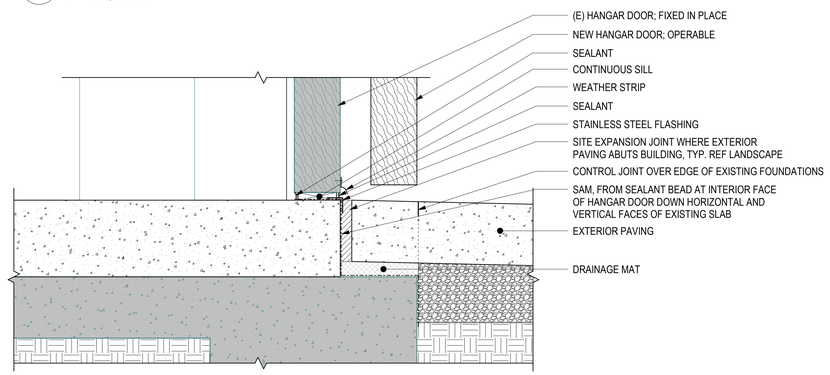
14 HANGAR DOOR HEAD DETAIL
3" = 1'-0" | 20/A4.01



15 CURTAIN WALL JAMB
3" = 1'-0" | 1/A2.01



16 SLIDING DOOR SILL DETAIL
3" = 1'-0" | 19/A4.01



18 HANGAR DOOR SILL DETAIL
3" = 1'-0" | 20/A4.01

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mithun.com

Sellen

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION
5	09/05/2025	BLDG CORR #2

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

TITLE
EXTERIOR DETAILS - HANGAR DOORS

PROJECT NO
2327300 / UW 206756
DATE
10/31/2024

SHEET NUMBER
A5.21
GMP SET

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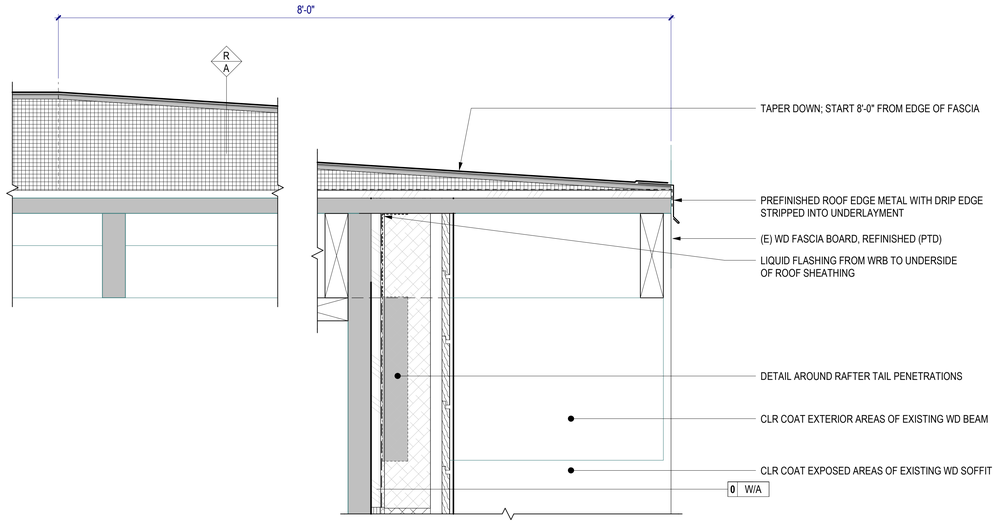
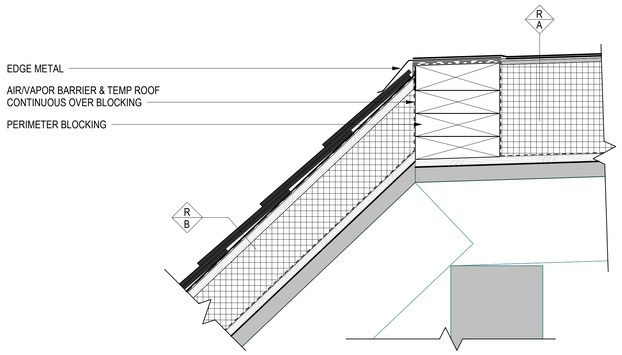
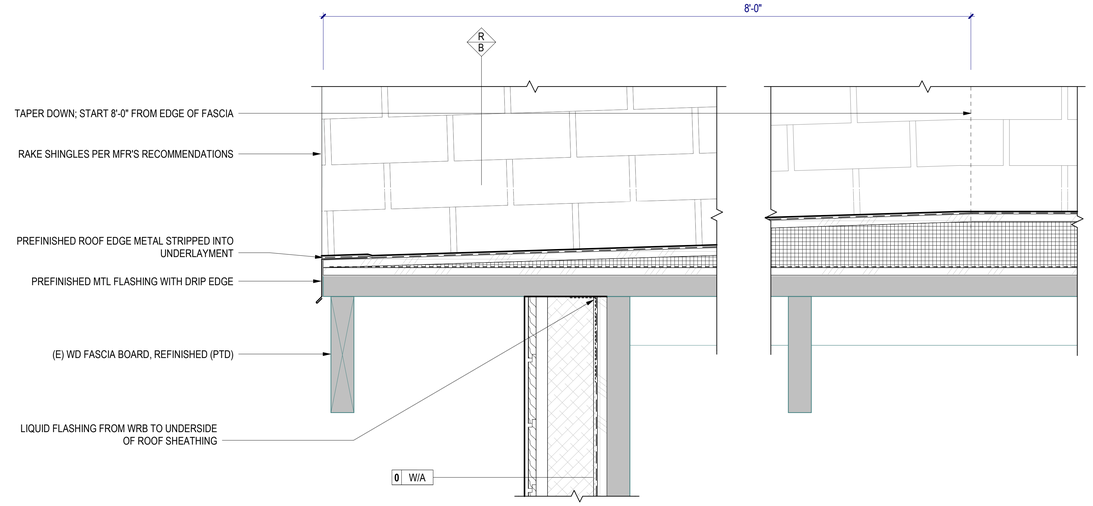


2 N/S ROOF OVERHANG DETAIL_LONG TAPER
3" = 1'-0" | 19/A4.01



1 EXTERIOR ROOF TO ROOF TRANSITION
3" = 1'-0" | 16/A4.01



3 N/S SLOPED ROOF OVERHANG DETAIL_LONG TAPER
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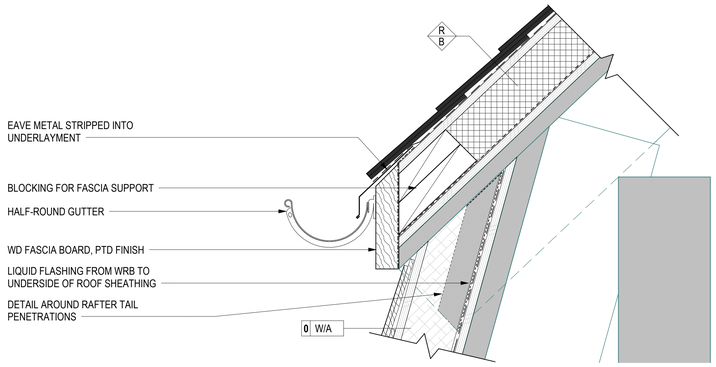

6 EXTERIOR SLOPED WALL TO ROOF TRANSITION
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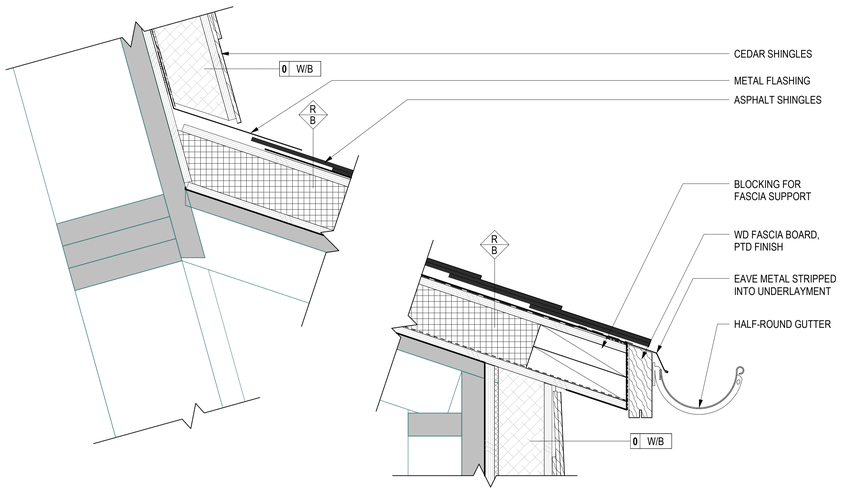
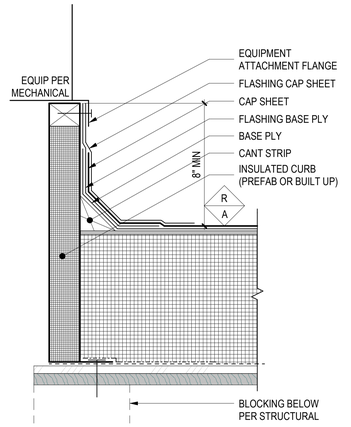
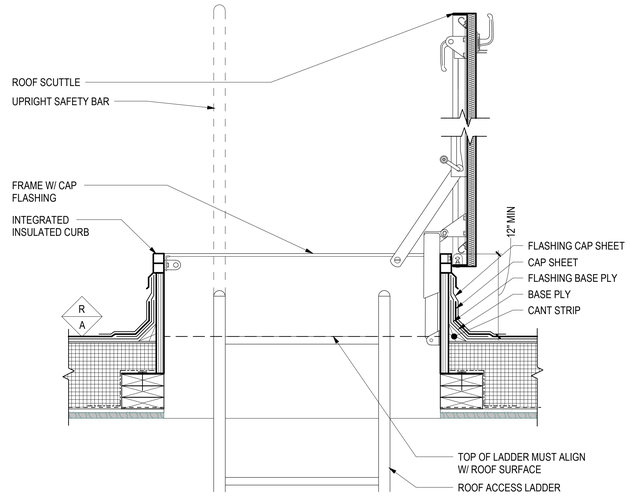


14 DORMER HEAD OF WALL
3" = 1'-0" | 17/A4.03



8 MECH. EQUIP. SUPPORT CURB
3" = 1'-0"



9 SECTION @ ROOF HATCH
1 1/2" = 1'-0"

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
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PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

TITLE
EXTERIOR DETAILS - ROOFS

PROJECT NO.
2327300 / UW 206756
DATE
10/31/2024

SHEET NUMBER
A5.30
GMP SET

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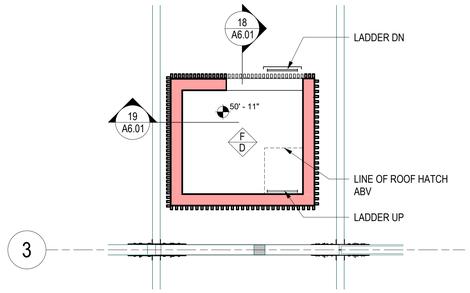
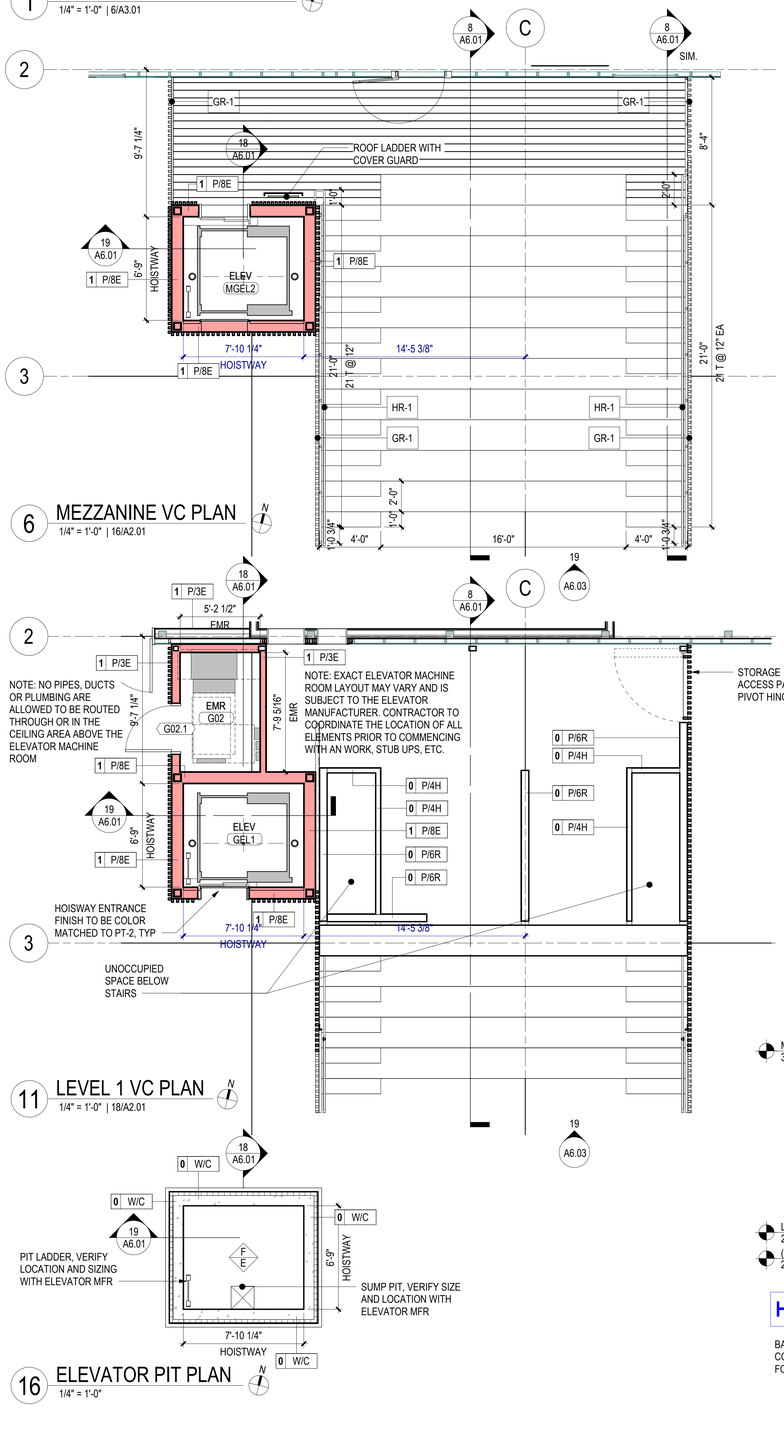


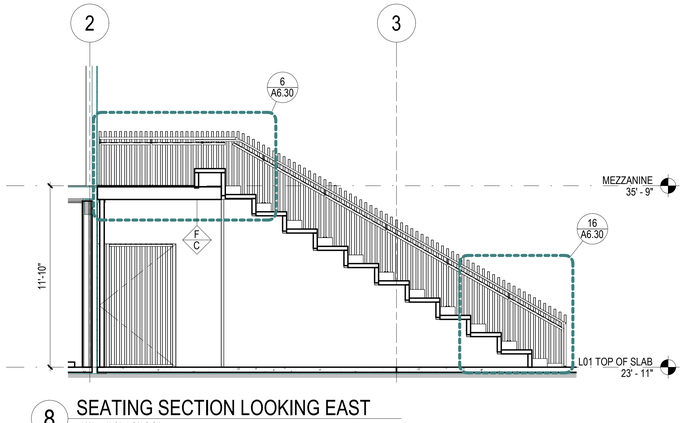
1 STAGING PLATFORM PLAN
1/4" = 1'-0" | 6/A3.01



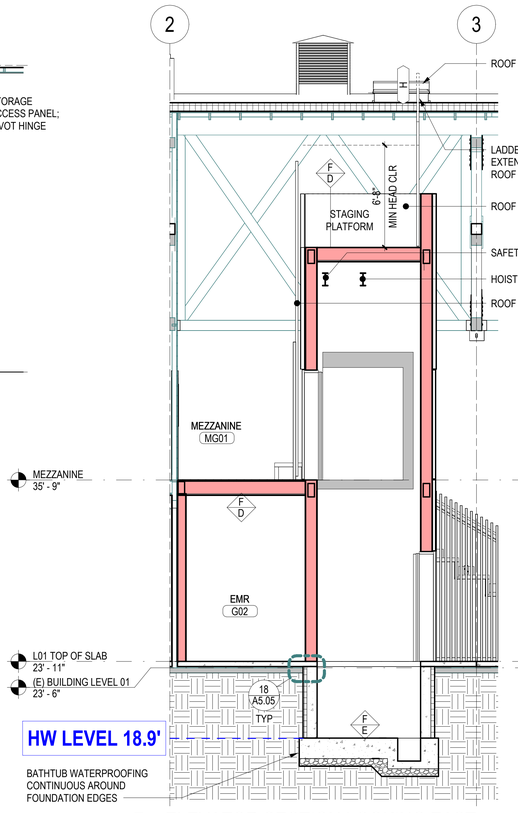
6 MEZZANINE VC PLAN
1/4" = 1'-0" | 16/A2.01

11 LEVEL 1 VC PLAN
1/4" = 1'-0" | 18/A2.01

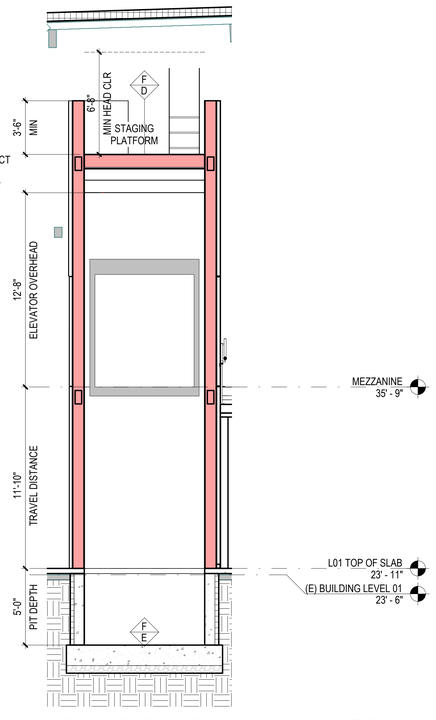
16 ELEVATOR PIT PLAN
1/4" = 1'-0"



8 SEATING SECTION LOOKING EAST
1/4" = 1'-0" | 6/A6.01



18 ELEVATOR SECTION LOOKING EAST
1/4" = 1'-0" | 1/A6.01



19 ELEVATOR SECTION LOOKING NORTH
1/4" = 1'-0" | 1/A6.01

ELEVATOR NOTES

1. SBC SECTION 3022 AND ASME SECTIONS 2.7 AND 2.8 PIPES, CONDUITS, DUCTS AND EQUIPMENT NOT USED FOR THE OPERATION OF THE ELEVATORS ARE PROHIBITED IN MACHINE ROOM AND HOISTWAYS
2. SBC 3020.4 MAINTAIN ALL REQUIRED WORKING CLEARANCES IN MACHINE ROOM
3. ASME RULE 2.2.2 WATERPROOF PIT PER SPECIFICATIONS TO PREVENT THE ENTRY OF GROUND WATER. SUMP PUMPS MAY BE INSTALLED FOR FLOOD CONTROL, BUT NOT APPROVED TO MAINTAIN A DRY PIT
4. SBC 3023, ASME RULE 2.2.4 PROVIDE PIT LADDER.
5. ASME RULE 2.7.5.2 PROVIDE MACHINE ROOM VENTILATION
6. SBC 3016.5 PROVIDE HOISTWAY VENTILATION. PROVIDE MOTORIZED DAMPERS AS REQUIRED BY SEATTLE ENERGY CODE 1412.4.1 FOR ALL HOISTWAY VENTS.
7. ASME RULE 2.7.4 PROVIDE 7' MIN HEADROOM IN MACHINE ROOM
8. SBC 3016.4 AND CHAPTER 11: ACCOMMODATE PEOPLE WITH DISABILITIES.
9. ASME SECTION 2.4 AND 3.4 PROVIDE PROPER TOP CAR RUNBYS, CLEARANCES, AND REFUGE SPACE
10. ASME RULE 2.1.1.2 AND 2.11.14 PROVIDE LABELED ENTRANCE ASSEMBLIES INSTALLED AS TESTED.
11. FIRESTOP ALL HOIST WAY THROUGH WALL PENETRATIONS AS REQUIRED FOR THE FIRE RATING OF THE ENCLOSURE
12. SBC 3016.5 ELEVATOR HOISTWAYS SHALL NOT BE VENTED OR PRESSURIZED THROUGH ELEVATOR MACHINE ROOMS
13. ASME RULES 2.1.1.2 AND 2.14.1.8 GLASS USED IN OR ON ELEVATOR HOISTWAYS AND CARS MUST BE LAMINATED AND MEET THE REQUIREMENTS OF ASME 297.1
14. PROVIDE CALCULATIONS AND DRAWINGS FOR APPROVAL OF THE STRESSES NOTED IN THE APPLICABLE RULES OF ASME SECTION 2.9.
15. ASME 2.27.1 PROVIDE MEANS OF 2-WAY CONVERSATION BETWEEN ELEVATORS AND A READILY ACCESSIBLE POINT (BUILDING ENTRANCE LOBBY) OUTSIDE THE HOISTWAY.
16. ASME 2.27.1.1.2 THE STRUCTURE IS CONSIDERED AS UNATTENDED AND PHONE TO ANSWERING SERVICE SHALL BE PROVIDED.
17. ASME 2.27.1.1.5 PROVIDE EMERGENCY POWER SUPPLY FOR THE DEVICES REQUIRED BY 2.27.1. THE SUPPLY SHALL BE CAPABLE OF OPERATING THE AUDIBLE DEVICE FOR AT LEAST ONE HOUR AND THE MEANS OF TWO-WAY CONVERSATION FOR AT LEAST FOUR HOURS.
18. SBC 3016.9 INSTALL APPROVED KEY RETAINER BOX, KEYED TO CITY STANDARD. SBC 3016.10 KEYS REQUIRED FOR THE OPERATION OF ELEVATOR, FIRE EMERGENCY SERVICE, THE MACHINE ROOM AND THE MECHANICAL HOIST WAY ACCESS SHALL BE TAGGED AND KEPT IN THE KEY BOX.
19. SBC 3016.3 COMPLY WITH SEISMIC REQUIREMENTS.
20. ASME SECTION 2.6 PROVIDE CALCULATIONS TO DPD FOR APPROVAL OF THE ABILITY OF THE PIT FLOOR AND STRUCTURE TO WITHSTAND THE ELEVATOR BUFFER ENGAGEMENT REACTIONS.
21. COMPLY WITH APPLICABLE ASME CODES, SEATTLE BUILDING CODES, SEATTLE ELECTRICAL CODES & ELEVATOR CODES ADOPTED. EACH CONVEYANCE REQUIRES A SEPARATE PERMIT WITH DETAILED INSTALLATION PLANS AND SHALL BE INSTALLED BY A WASHINGTON STATE LICENSED ELEVATOR CONTRACTOR.
22. THIS ELEVATOR IS FOR ACCESSIBILITY AND CONVENIENCE PURPOSES ONLY AND NOT A PART OF THE EGRESS PATH.

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
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PROJECT MANAGER
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PROJECT DESIGNER
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PROJECT TEAM MEMBERS
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CHECK
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9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
STAIR & ELEVATOR PLANS & SECTIONS

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A6.01
GMP SET

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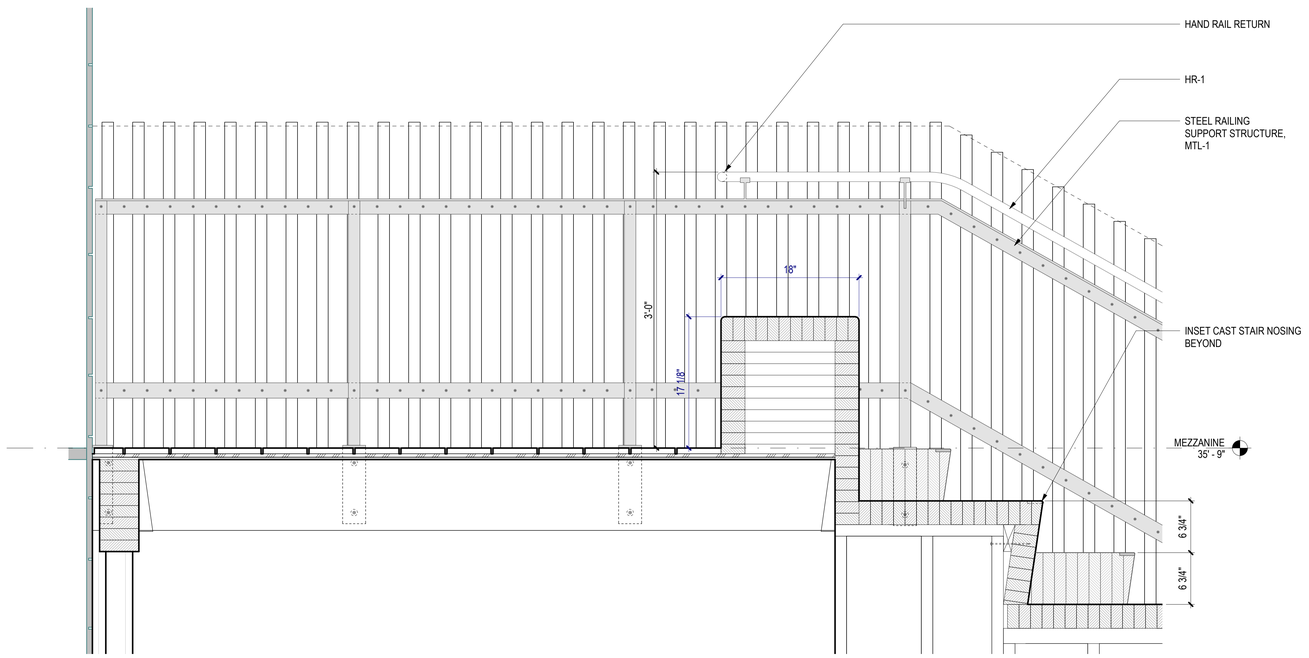
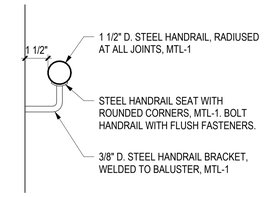
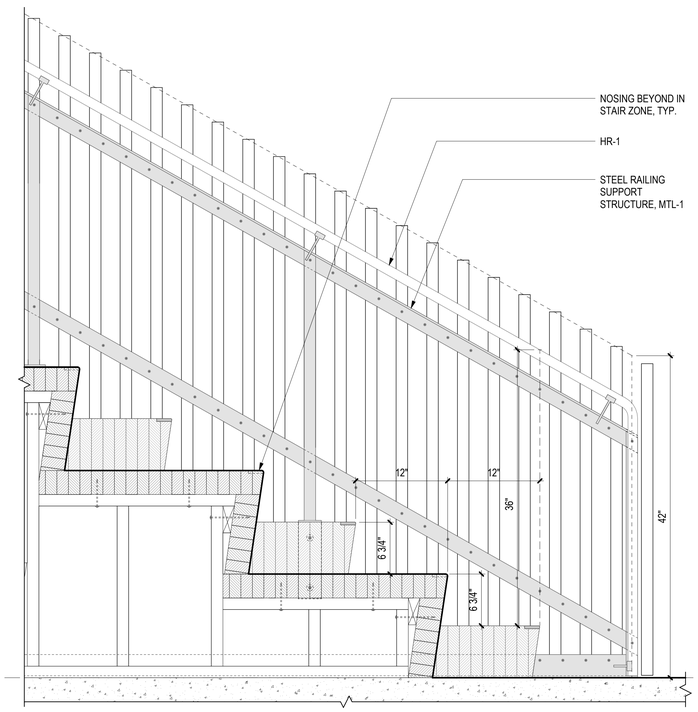


6 MEZZANINE & GR-1 DETAIL SECTION
1 1/2" = 1'-0" | 8/A6.01

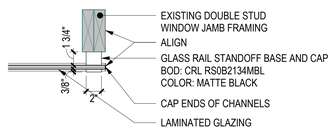


1 HR-1 DETAILS
3" = 1'-0"



16 SEATING, STAIR AND GR-1 DETAIL SECTION
1 1/2" = 1'-0" | 8/A6.01

TYP PLAN END DETAIL



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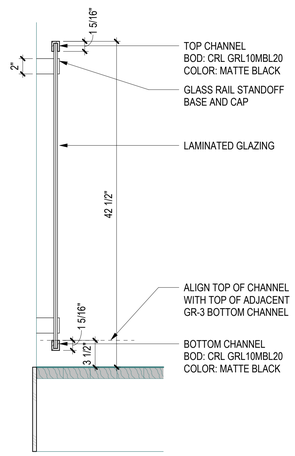
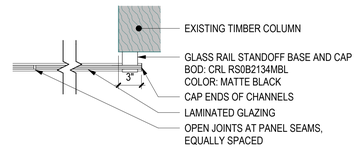


2 GR-2 DETAILS
1 1/2" = 1'-0"

TYP PLAN END DETAIL



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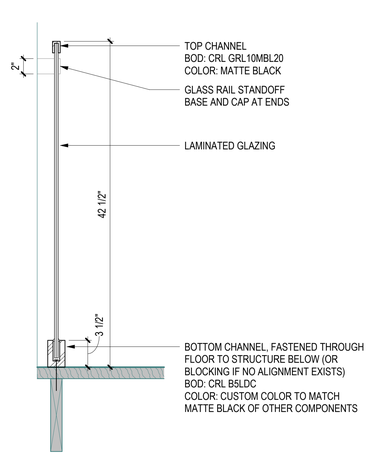

3 GR-3 DETAILS
1 1/2" = 1'-0"

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LOCATION
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PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

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9640 REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
VERTICAL CIRCULATION DETAILS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

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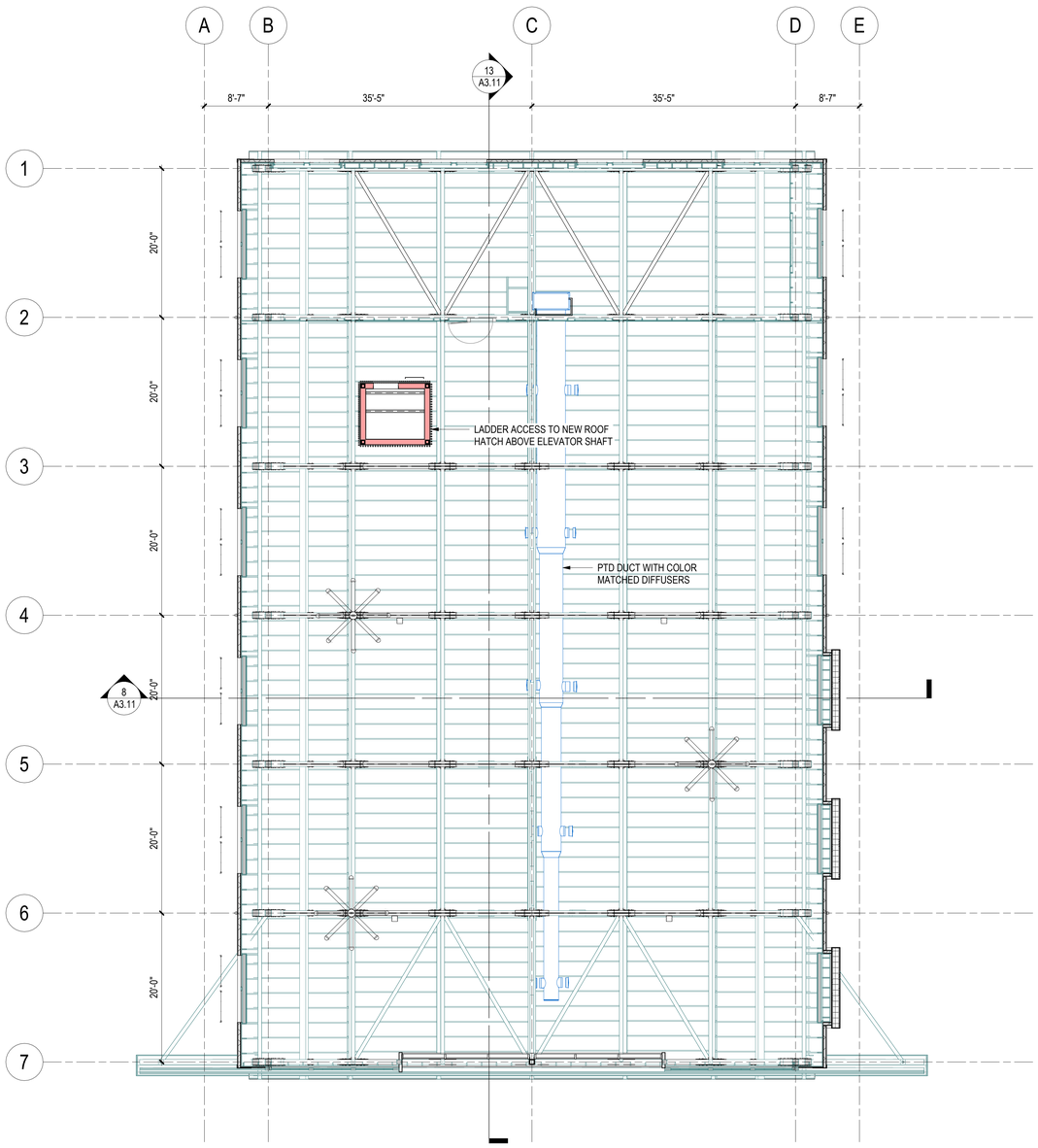

16 MEZZANINE RCP
1/8" = 1'-0" | 6/A3.01

19 L01 TOP OF SLAB
1/8" = 1'-0" | 6/A3.01

INTERIOR SHEATHING NOTES

EXISTING INTERIOR SHEATHING IS A COMBINATION OF PATCHING AND THE ORIGINAL 1X8 SOFTWOOD SHIPLAP. REMOVE ALL PLYWOOD OR NON-SHIPLAP PATCHING AND REPLACE WITH 1X8 SHIPLAP. UTILIZE ANY RECLAIMED SHIPLAP FROM OTHER AREAS OF THE BUILDING FIRST, THEN USE NEW MATERIAL TO MATCH IN DIMENSION AND PROFILE. RECLAIMED MATERIAL WILL BE PRIORITIZED TO THE LOWEST PARTS OF THE WALL PER PRIORITY ZONES NOTED ON INTERIOR ELEVATION SHEETS. NEW MATERIAL WILL BE STAINED TO MATCH WITH A LOW VOC, LOW SHEEN WATERBASED STAIN AND SEALER.

CEILING PLAN NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND EMERGENCY EXIT LIGHT LOCATION.
2. ALL EXPOSED SYSTEMS AND DEVICES (MECH, ELEC, PLUMB, TELECOM, AV) TO BE PAINTED OR COLOR MATCHED PER ARCHITECTURAL DIRECTION INCLUSIVE OF BUT NOT LIMITED TO: CONDUIT, DUCTWORK, DIFFUSERS, LIGHTS, WAPS, SPEAKERS, PIPES, ETC
3. COORDINATE ROUTING WITH ARCH PRIOR TO INSTALL TO MINIMIZE VISUAL IMPACT ON HISTORIC STRUCTURE.
4. LIGHT FIXTURES AND ALL OTHER DEVICES (EVEN IF NOT SHOWN ON PLANS) SHALL BE CENTERED BETWEEN STRUCTURAL MEMBERS, U.N.O.

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
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UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO. DATE REVISION

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9640
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RICHARD FRANKO
STATE OF WASHINGTON

TITLE
REFLECTED CEILING PLAN

PROJECT NO.
2327300 / UW 206756
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04/30/2025

SHEET NUMBER
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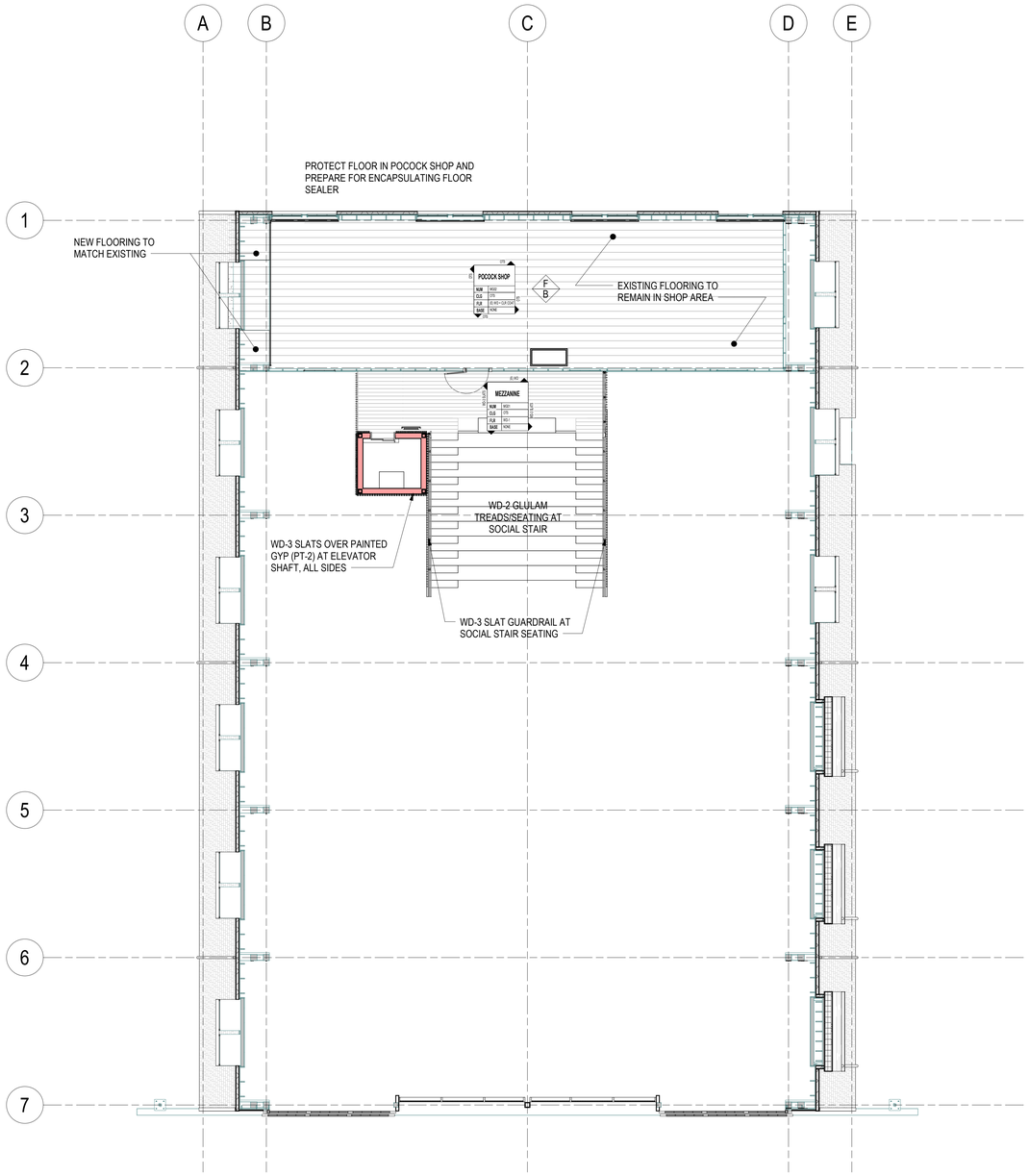
FINISH PLAN LEGEND

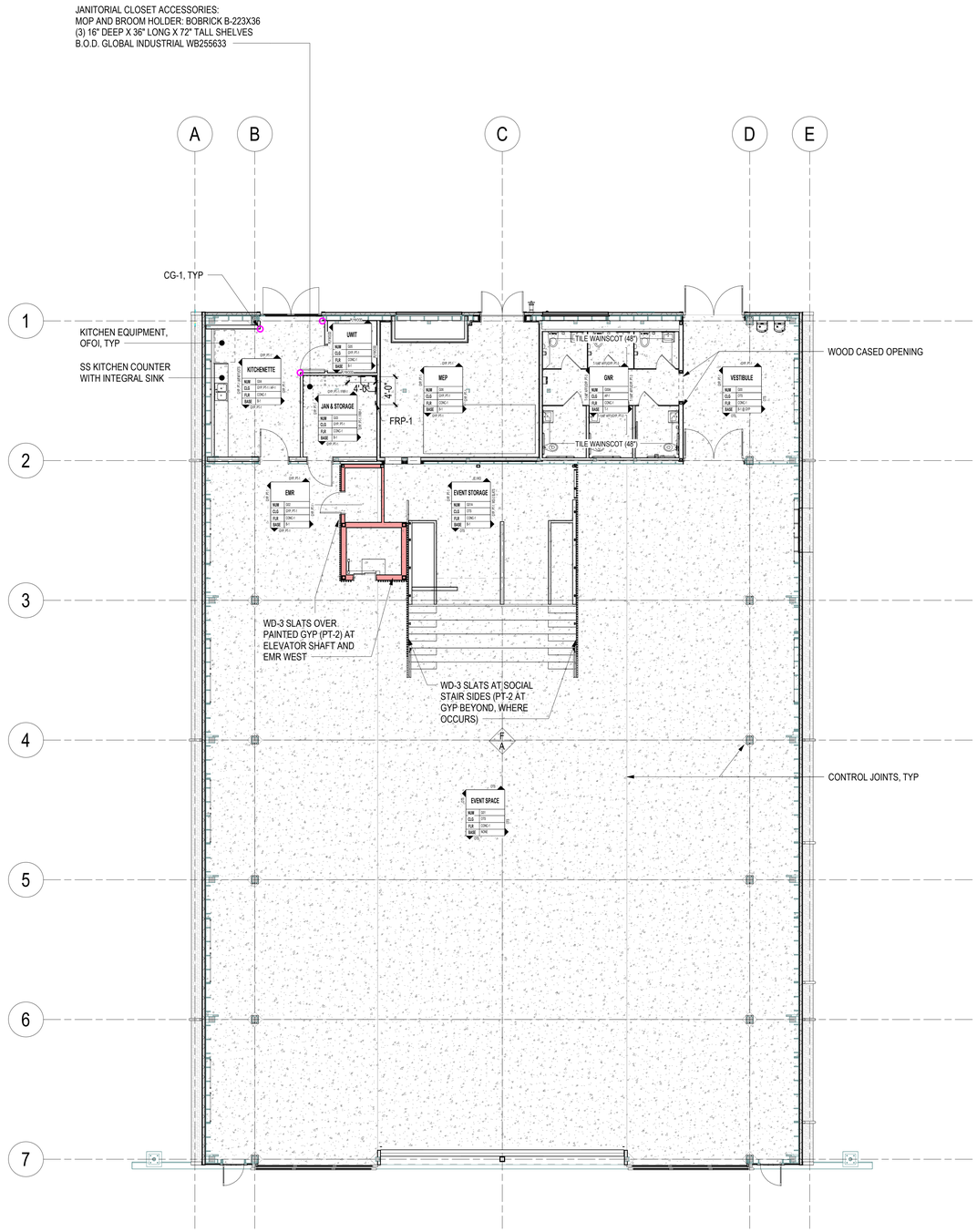
- CONC-1: CONCRETE - HARD TROWELED AND SEALED
- WOOD FLOORING
- CPT-1: WALK-OFF MAT (1/2" SLAB DEPRESSION REQ'D)
- CG-1: CORNER GUARD

*MTL-1 FINISH AT HANDRAILS AND HANDRAIL SUPPORTING STEEL

WALL FINISH
WALL FINISH | ROOM NAME | WALL FINISH
ROOM NAME
NUM ROOM NUMBER
FLR FLOOR FINISH
BASE BASE FINISH
WALL FINISH



2 MEZZANINE FINISH PLAN
1/8" = 1'-0" | 6/A3.01



1 GROUND FLOOR FINISH PLAN
1/8" = 1'-0" | 8/A3.11

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2	5/23/2025	ADDENDUM #1

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TITLE
FINISH PLAN

PROJECT NO.
2327300 / UW 206756
DATE
10/31/2024

SHEET NUMBER
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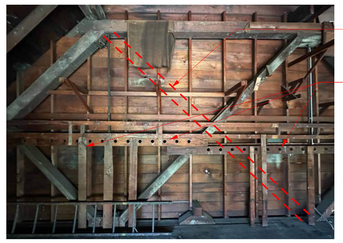

ADDED TIMBER MEMBER

REMOVE AND REPLACE WALL ELEMENTS TO ALLOW FOR STRUCTURAL TRUSS REPAIR AND STRENGTHENING, TYP.

EXAMPLES OF POCOCK LOFT ITEMS FOR SALVAGE AND REINSTALLATION

INTERIOR REVIEW NOTES

PRIOR TO DEMOLITION OR CONSTRUCTION WORK THE CONTRACTOR, ARCHITECT AND UW TEAM SHALL MEET ON SITE AND REVIEW AND MARK ELEMENTS TO BE RETAINED WITH BLUE TAPE OR NON MARKING EQUIVALENT.

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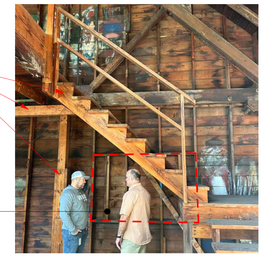
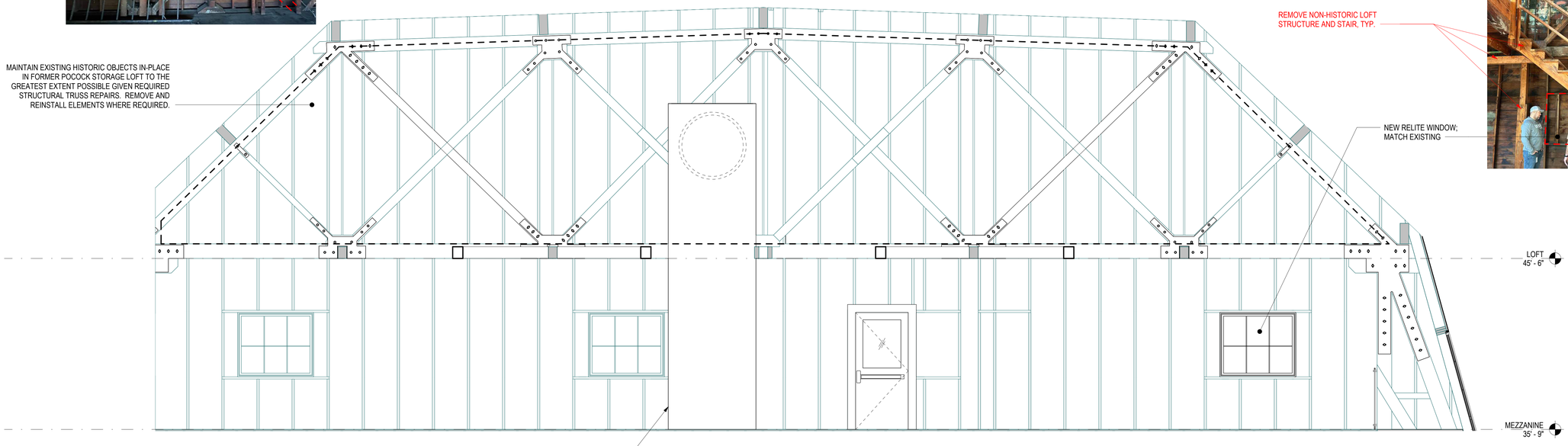
MAINTAIN EXISTING HISTORIC OBJECTS IN-PLACE IN FORMER POCOCK STORAGE LOFT TO THE GREATEST EXTENT POSSIBLE GIVEN REQUIRED STRUCTURAL TRUSS REPAIRS. REMOVE AND REINSTALL ELEMENTS WHERE REQUIRED.

REMOVE NON-HISTORIC LOFT STRUCTURE AND STAIR, TYP.



NEW RELITE WINDOW; MATCH EXISTING



NEW SUPPLY DUCT

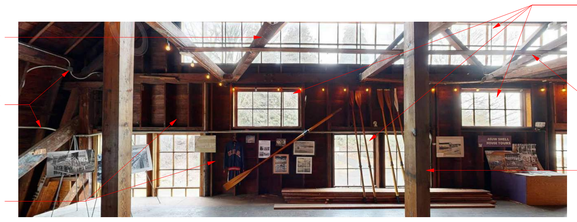
6 POCOCK SHOP SOUTH

3/8" = 1'-0" | 16/A2.01

REMOVE EXISTING CUT BRACE AND REPLACE TO RESTORE TO ORIGINAL CONDITION

REMOVE EXISTING METAL CONDUITS AND J-BOXES, TYP.

MAINTAIN PATINAED WOOD SURFACES, TYP.



EXISTING NORTH FACADE WINDOWS RESTORED IN-PLACE, TYP.

REMOVE EXISTING 1X BOARD WITH KNOB AND TUBE WIRING AND HISTORIC LIGHTING AND STORE WHILE TRUSS IS RESTORED THEN REINSTALL.

REMOVE NON-HISTORIC LOFT STRUCTURE, TYP.

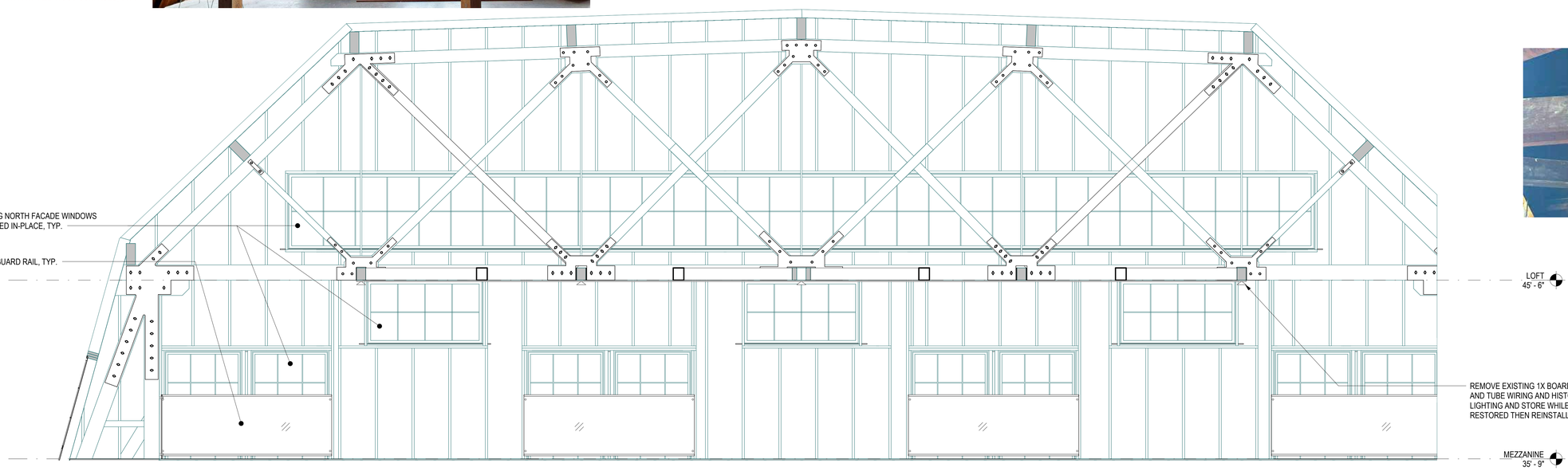
MAINTAIN PATINAED WOOD SURFACES, TYP.

REMOVE EXISTING METAL CONDUITS AND J-BOXES, TYP.

REMOVE NON-HISTORIC LOFT STRUCTURE AND STAIR, TYP.

EXISTING NORTH FACADE WINDOWS RESTORED IN-PLACE, TYP.

GLASS GUARD RAIL, TYP.



REMOVE EXISTING 1X BOARD WITH KNOB AND TUBE WIRING AND HISTORICAL LIGHTING AND STORE WHILE TRUSS IS RESTORED THEN REINSTALL.

16 POCOCK SHOP NORTH

3/8" = 1'-0" | 16/A2.01

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LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO. DATE REVISION

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PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
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PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
INTERIOR ELEVATIONS - POCOCK SHOP

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A8.31
GMP SET

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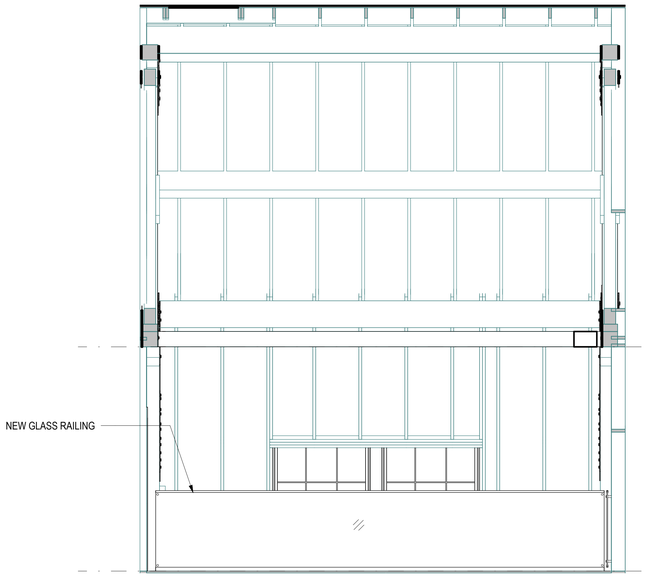
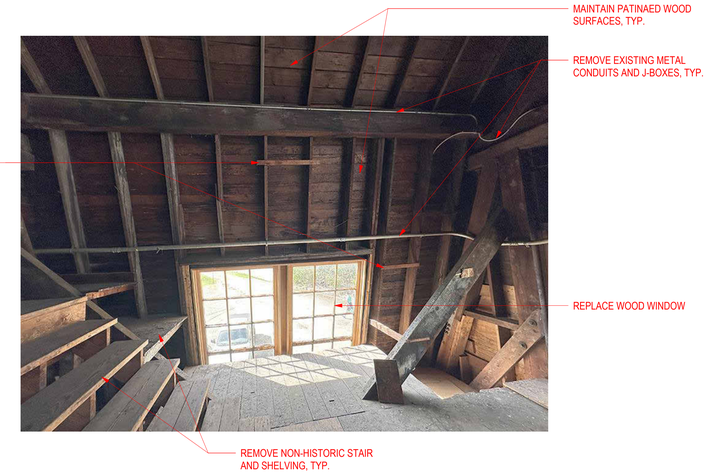


6 POCOCK SHOP WEST
3/8" = 1'-0" | 16/A2.01



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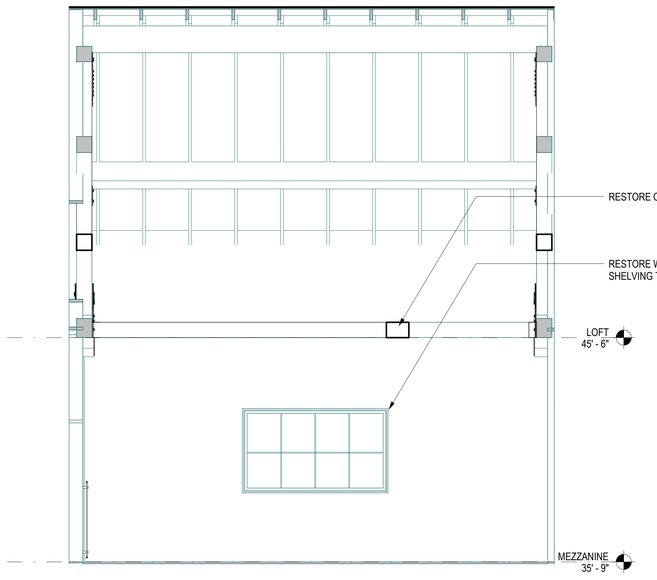

16 POCOCK SHOP EAST
3/8" = 1'-0" | 16/A2.01

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REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
INTERIOR ELEVATIONS - POCOCK SHOP

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
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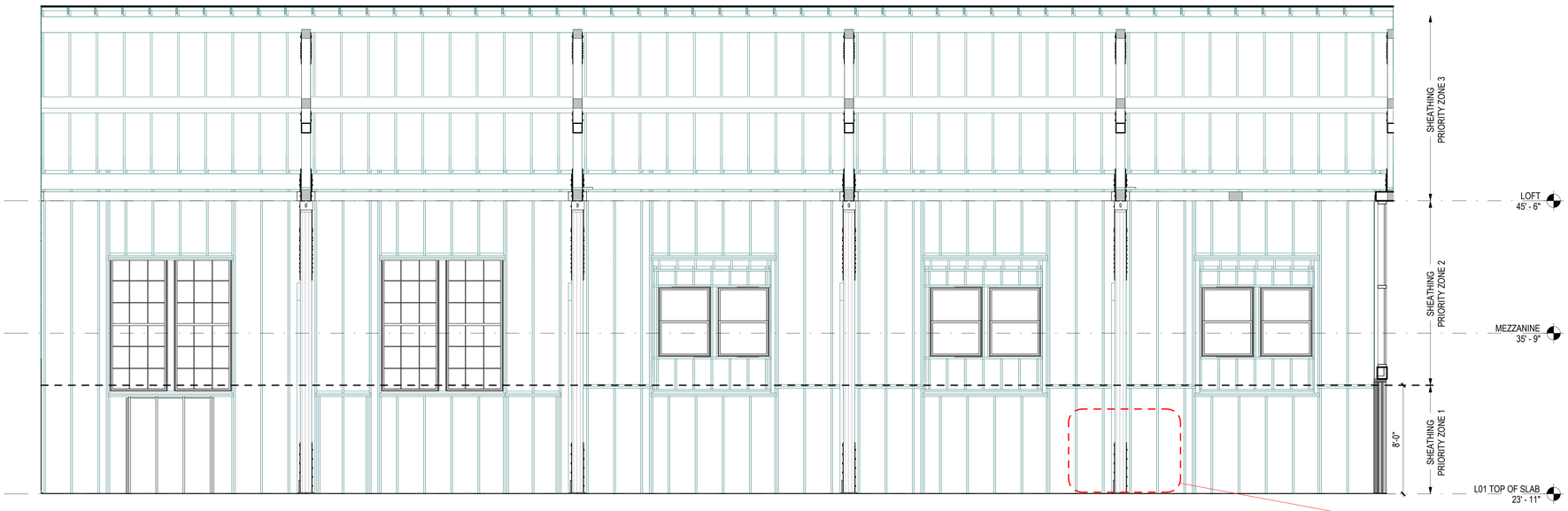
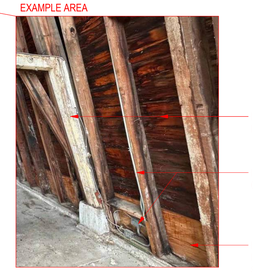


6 EVENT SPACE EAST
1/4" = 1'-0" | 18/A2.01

BEND NAILS AND STAPLES OVER WHERE PUBLIC MIGHT COME INTO CONTACT WITH THEM, TYP.

EXAMPLE AREA

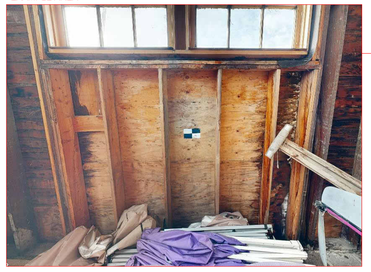


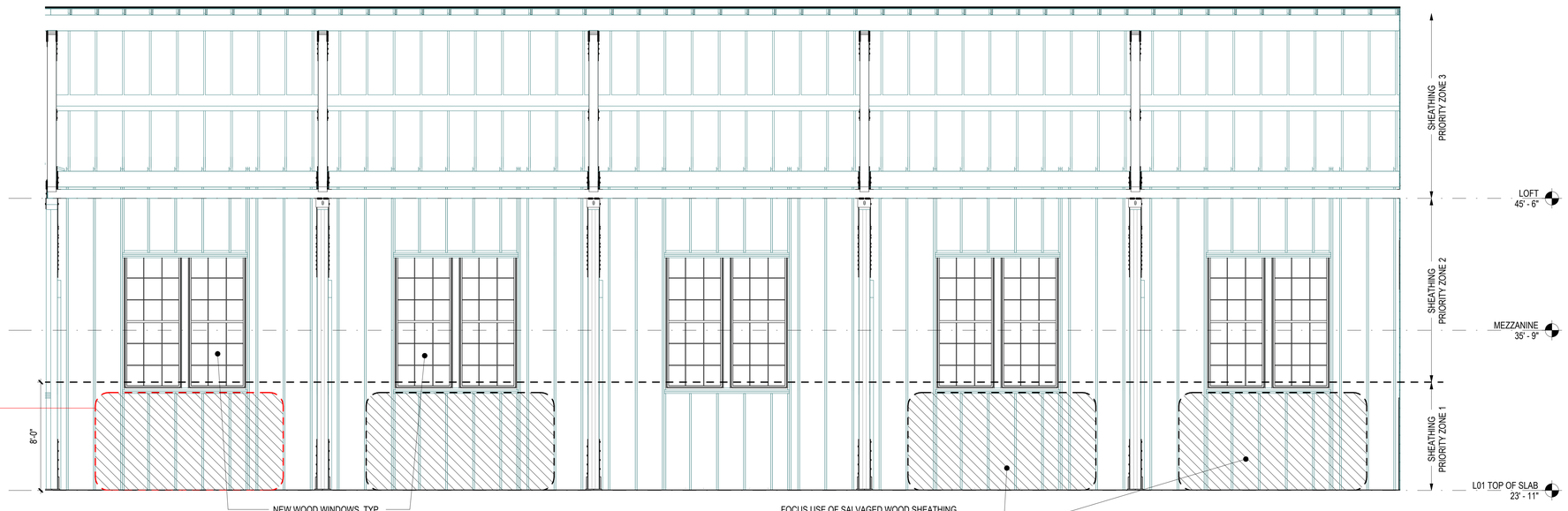
MAINTAIN WALL PATINA AND PAINTED WOOD SURFACES, TYP.

REMOVE EXISTING METAL CONDUITS AND J-BOXES, TYP.

FOCUS REPLACEMENT OF PLYWOOD SHEATHING WITH SALVAGED WOOD SHEATHING PER PRIORTIY ZONES

EXAMPLE AREA





NEW WOOD WINDOWS, TYP.

FOCUS USE OF SALVAGED WOOD SHEATHING UNDER WEST FACADE WINDOWS SECOND WITHIN SHEATHING PRIORITY ZONE 1

17 EVENT SPACE WEST
1/4" = 1'-0" | 18/A2.01

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REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
INTERIOR ELEVATIONS - EVENT SPACE

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A8.33
GMP SET

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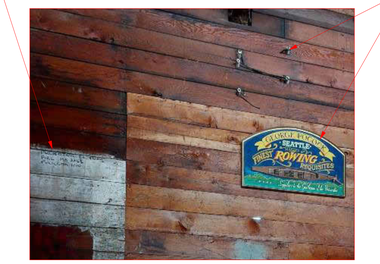
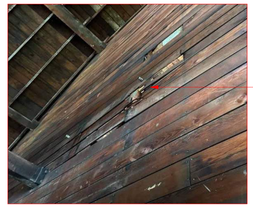
RETAIN HISTORIC SIGNS, PATINAED/PAINTED WOOD WITH HISTORIC GRAFFITI AND EXISTING KNOB AND TUBE ELECTRICAL REMNANTS, TYP.



PROTECT HISTORIC SIGNAGE DURING CONSTRUCTION, TYP.



ON GL 2 WHERE EXISTING DAMAGE OCCURS LEAVE IN PLACE; DESIGN/BUILD TEAM AND OWNER CAN REVIEW NEEDED REPAIRS ON A CASE BY CASE BASIS.

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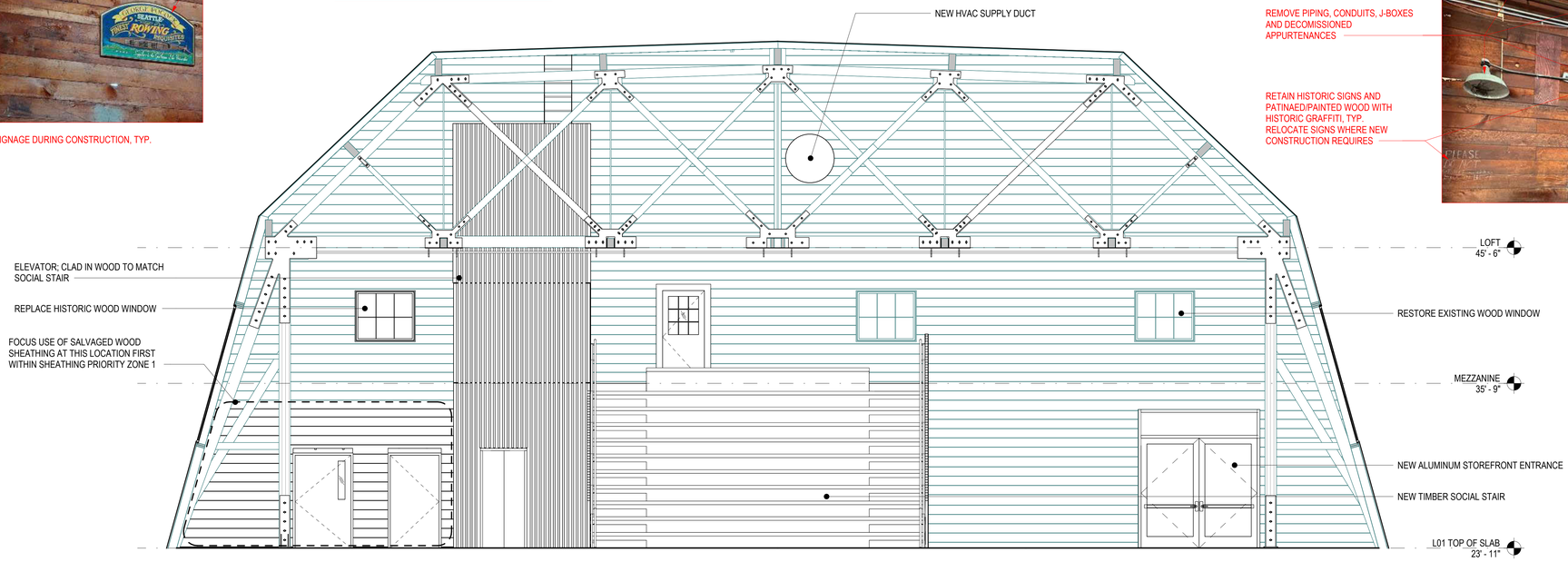
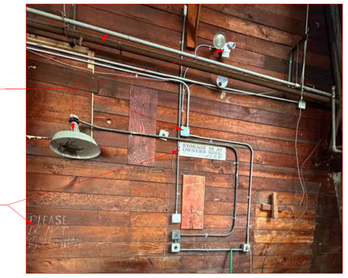


REMOVE PIPING, CONDUITS, J-BOXES AND DECOMISSIONED APPURTENANCES

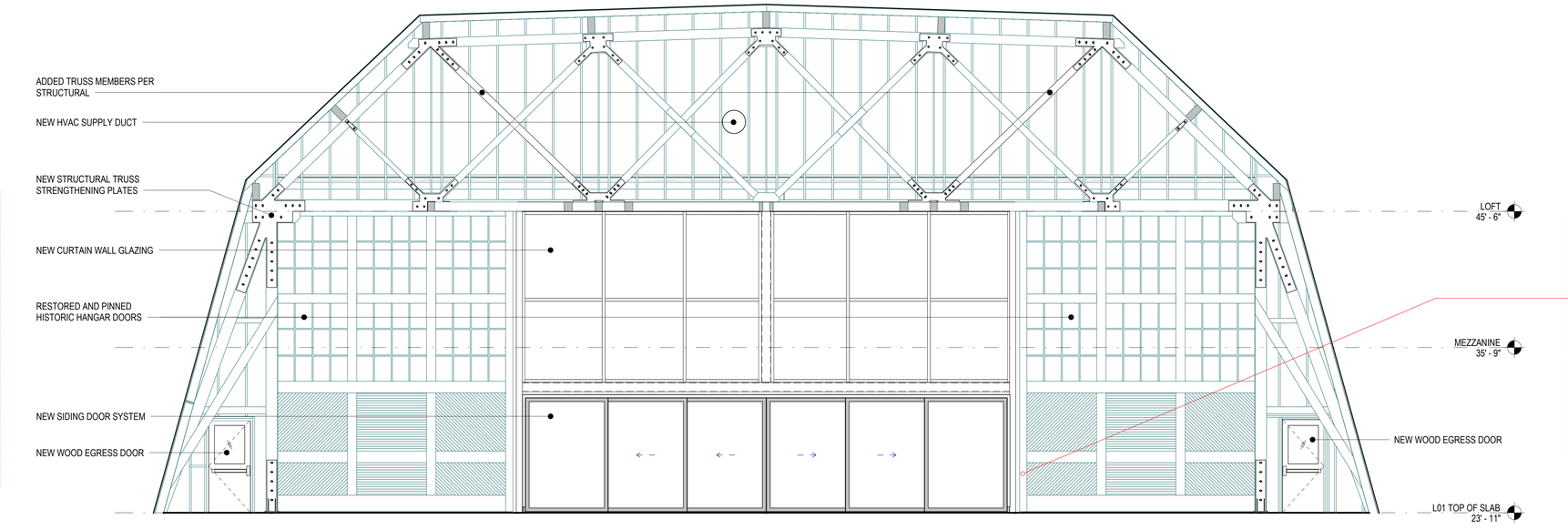
RETAIN HISTORIC SIGNS AND PATINAED/PAINTED WOOD WITH HISTORIC GRAFFITI, TYP. RELOCATE SIGNS WHERE NEW CONSTRUCTION REQUIRES



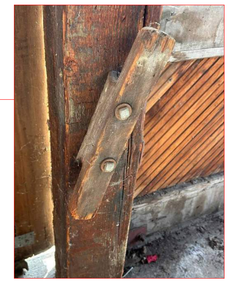
7 EVENT SPACE NORTH

1/4" = 1'-0" | 18/A2.01

REMOVE GWB REMNANTS IN FORMER APARTMENT AREAS. RETAIN PATINAED AND PAINTED WOOD SURFACES, TYP.



RETAIN HISTORIC ELEMENTS, TYP. WOOD CLEAT EXAMPLE AT SOUTH INTERIOR



17 EVENT SPACE SOUTH

1/4" = 1'-0" | 18/A2.01

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RICHARD FRANKO
STATE OF WASHINGTON

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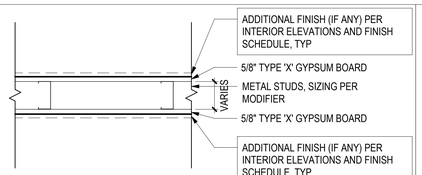
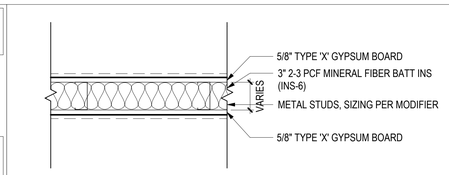
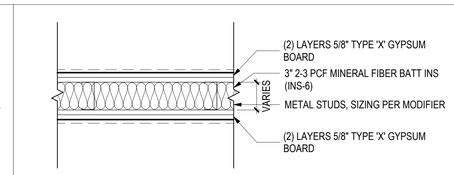


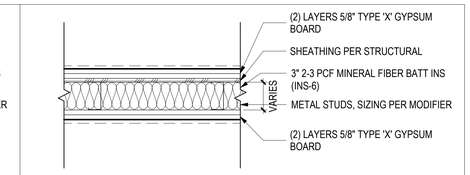
NR PARTITION - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/A 0 P/#A	NR	NA	NR	NA



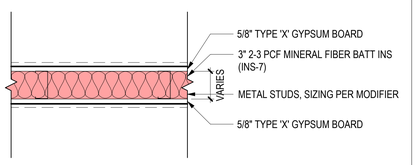
STC 45 PARTITION - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/B 0 P/#B	45	ESTIMATED	NR	NA



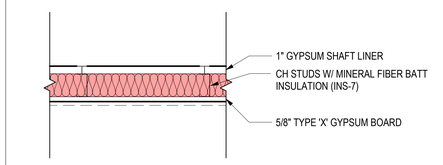
STC 55 PARTITION - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/C 0 P/#C	55	ESTIMATED	NR	NA



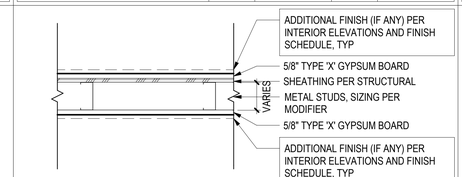
STC 55PARTITION w/ SHEAR - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/D 0 P/#D	55	ESTIMATED	NR	NA



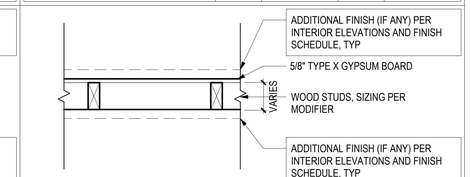
1HR PARTITION - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/E 1 P/#E	45-49	NRCC 816-NV, 2-3-81	1HR	GA WP1072 (MTL) / UL U305 (WD)



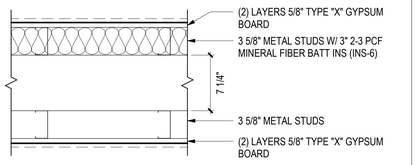
1HR SHAFT WALL - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/F 1 P/#F	44	Estimated	1HR	UL U469



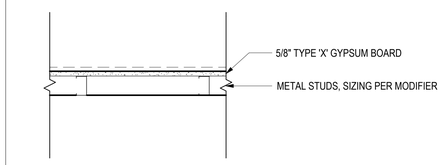
NR PARTITION - METAL STUD w/ SHEAR	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/G 0 P/#G	NR	NA	NR	NA



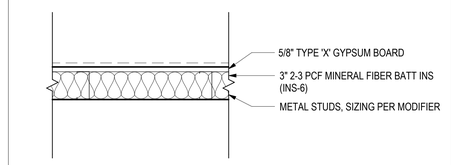
NR PARTITION - WOOD STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/H 0 P/#G	NR	NA	NR	NA



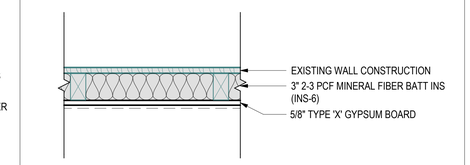
PARTITION - METAL STUD PLUMBING CHASE	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/J 0 P/J	55+		NR	NA



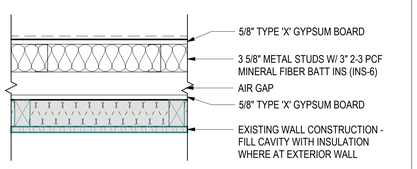
FURRING - METAL STUD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/K 0 P/#K	NA	NA	NR	NA



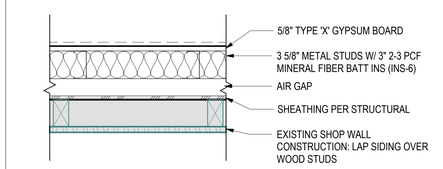
FURRING - METAL STUD WITH BATT	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/L 0 P/#L	NA	NA	NR	NA



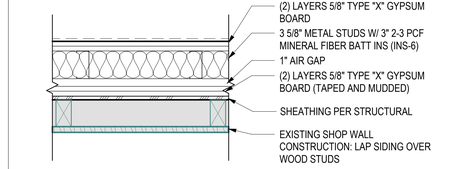
APPLIED GYP LAYER	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/M 0 P/M	NA	NA	NR	NA



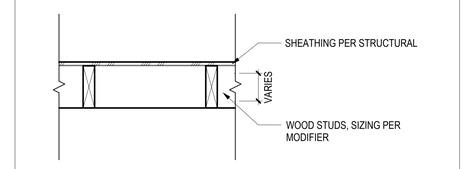
STC 45 PARTITION - ONE-SIDED	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/N 0 P/N	45+		NR	NA



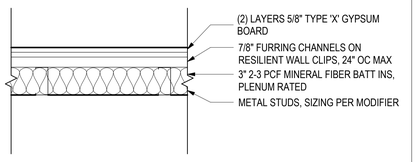
STC 45 PARTITION w/ SHEAR - ONE-SIDED	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/P 0 P/P	45+		NR	NA



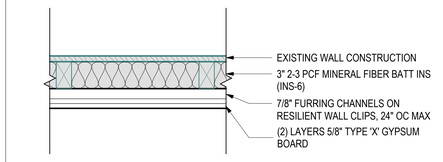
STC 60 PARTITION w/ SHEAR - ONE-SIDED	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/Q 0 P/Q	60+		NR	NA



NR PARTITION - WOOD STUD W/ PLYWOOD	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/R	NR	NA	NR	NA



FURRING - METAL STUD WITH BATT	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/S 0 P/#S	57	ESTIMATED	NR	NA

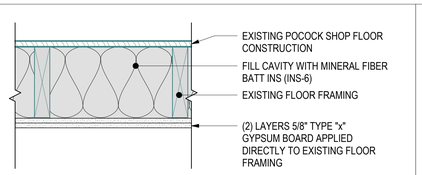


APPLIED GYP LAYERS ON RESILIENT CLIPS	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
P/T 0 P/T	57	ESTIMATED	NR	NA

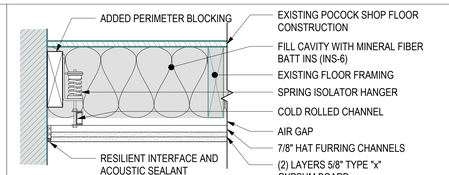
WHEREVER METAL STUDS ARE CALLED FOR, AN EQUIVALENT SIZED WOOD STUD CAN BE SUBSTITUTED AT CONTRACTOR'S OPTION. STUD EQUIVALENCY AS FOLLOWS:
2 1/2" METAL = 2 1/2" WOOD (3" NOMINAL)
3 5/8" METAL = 3 1/2" WOOD (4" NOMINAL)
6" METAL = 5 1/2" WOOD (6" NOMINAL)
8" METAL = 7 1/2" WOOD (8" NOMINAL)
10" METAL = 9 1/2" WOOD (10" NOMINAL)

ALL NOTED FIRE RATINGS MUST REMAIN.

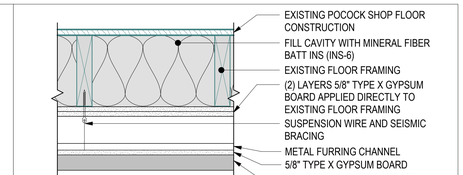
CEILING ASSEMBLY TYPES



APPLIED GWB (2 LAYERS)	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
C/A	45+		NR	NA



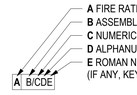
ACOUSTICALLY ISOLATED CEILING	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
C/B	59		NR	NA



GWB W/ ACOUSTIC CEILING PANELS	STC / ICC		FIRE/ SMOKE	
	RATING	TEST	RATING	TEST
C/C	45+		NR	NA

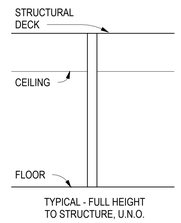
BUILDING ASSEMBLIES SCHEDULE NOTES

THE WALL/PARTITION ASSEMBLY SYMBOL - TYPE KEYED TO THE ADJACENT SCHEDULE.

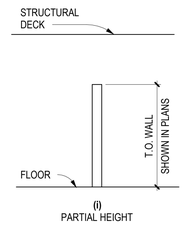


1. FIRE RATED ASSEMBLIES ARE BASED ON IBC, UL, OR US GYPSUM ASSOCIATION (GA) TEST DATA AND ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE TESTING AGENCIES. REFER TO SPECIFIC TEST REPORTS INDICATED FOR REQUIRED COMPONENTS AND ASSEMBLY. CONTRACTOR SHALL PROVIDE (2) COPIES OF EACH REFERENCED MANUAL TO THE JOBSITE TO COORDINATE FIRE RESISTIVE ATTACHMENT WITH SHEAR CONNECTORS AND SOUND RATED ASSEMBLIES. GA 600 MANUAL IS ACCEPTED BY 2021 SBC TABLE 721.1(2) NOTE O FOR NON-PROPRIETARY ASSEMBLIES.
2. EXTENTS OF ASSEMBLIES ARE SHOWN ON THE PLANS AND SECTIONS. FIRE RATED WALL ASSEMBLIES FORM A SEPARATION THAT SHALL BE CONTINUOUS FROM FLOOR TO STRUCTURE ABOVE WITH NO BREAKS AT COLUMNS, WALL TRANSITIONS, OR OTHER OBSTRUCTIONS.
3. ALL PENETRATIONS IN FIRE RATED ASSEMBLIES REQUIRED TO HAVE PROTECTED OPENINGS SHALL BE FIRESTOPPED OR PROVIDED WITH APPROVED SMOKE AND/OR FIRE DAMPERS PER CODE REQUIREMENTS.
4. PROVIDE THRU-PENETRATION FIRESTOP SYSTEMS FOR RATED ROOFS, WALLS, AND FLOORS THAT ARE PRODUCED AND INSTALLED TO RESIST THE SPREAD OF FIRE ACCORDING TO REQUIREMENTS INDICATED, RESIST PASSAGE OF SMOKE AND OTHER GASES, AND MAINTAIN ORIGINAL FIRE-RESISTANCE RATING OF THE ASSEMBLY PENETRATED.
5. FIRE RATED WALLS MAY HAVE OPENINGS FOR STEEL ELECTRICAL BOXES NOT TO EXCEED 16 SQUARE INCHES PROVIDED THE AGGREGATE AREA OF ALL BOXES DOES NOT EXCEED 100 SQUARE INCHES FOR ANY 100 SQUARE FEET OF PARTITION.
6. ALL GYPSUM BOARD SHALL BE TYPE "X" UNLESS NOTED OTHERWISE.
7. SUBSTITUTE TYPE "X" MOLD AND WATER RESISTANT GYPSUM BOARD AT TOILET, SHOWER, JANITOR, AND KITCHEN ROOMS, KITCHENETTE, AND SIMILAR "WET" USES.
8. PROVIDE TILE BACKER BOARD AT TILE FINISHES. DO NOT REDUCE REQUIRED FIRE-RESISTANCE RATING OF WALL ASSEMBLY.
9. PROVIDE BLOCKING AT THE FOLLOWING LOCATIONS: CASEWORK, SHELVING, AND PANELING; ACCESSORIES AND EQUIPMENT; DOOR HARDWARE; TOILET PARTITIONS AND ACCESSORIES; ACOUSTICAL PANELS; AND OTHER LOCATIONS WHERE REQUIRED PER MANUFACTURER'S RECOMMENDATIONS OR INDUSTRY STANDARDS.
10. FIREBLOCK IN ACCORDANCE WITH 2021 SBC SECTION 718 AT THE FOLLOWING CONCEALED DRAFT LOCATIONS: (A) IN CONCEALED WALL SPACES AT 10' O.C. EACH WAY AND AT CEILING / FLOOR LEVELS. (B) AT INTERCONNECTIONS OF CONCEALED SOFFITS, DROPPED CEILINGS AND COVES. (C) IN OPENINGS AROUND VENTS, PIPES, DUCTS AT CEILING / FLOOR LEVELS. (D) AT OPENINGS BETWEEN ATTIC SPACES AND MANUFACTURED CHIMNEY CHASES.
11. FOR PROPERTIES OF COOLER OR WALLBOARD NAILS, SEE ASTM C 514, ASTM C 547 OR ASTM F 1667.
12. THESE DETAILS REPRESENT MINIMUM ARCHITECTURAL REQUIREMENTS. IN SOME CASES THE STRUCTURAL DRAWINGS WILL DETERMINE THE ACTUAL DIMENSIONS AND CONNECTION METHODS, AND IN THOSE CASES WILL GOVERN. COORDINATE BETWEEN SCOPE SHOWN BY THE STRUCTURAL DRAWINGS AND INDICATED MINIMUM ARCHITECTURAL ASSEMBLIES.
13. DRAFTSTOPPING IS NOT REQUIRED IN FLOOR/CEILING SPACES PER 2021 SBC SECTION 718.3, EXCEPTION 1. THE BUILDING WILL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 (NFPA 13).
14. AIR BARRIER: SEAL PLYWOOD AND GYPSUM SHEATHING JOINTS AND PENETRATIONS.
15. PROVIDE ACOUSTICAL SEALANT AT ALL WALL PENETRATIONS THROUGH PARTITION TYPES THAT CARRY AN ACOUSTICAL RATING.
16. ALL STC RATINGS INDICATED ARE FOR FULL HEIGHT WALL CONDITIONS (SLAB TO DECK).
17. ALL EXISTING CONDITIONS AND ASSEMBLIES ARE SUBJECT TO FIELD VERIFICATION BY CONTRACTOR. NOTIFY ARCHITECT OF ANY DIFFERENCES.
18. WHERE MULTIPLE LAYERS OF DRYWALL ARE APPLIED TO ONE SIDE OF A PARTITION, STAGGER SEAMS.
19. WHERE A PARTITION TYPE CONTAINS AN ASYMETRICAL # OF SHEATHING / GYP LAYERS, THE GREATER # OF LAYERS SHALL OCCUR ON THE SIDE OF THE PARTITION WHICH THE TAG IS ON.

PARTITION CONFIGURATION TYPE



TYPICAL - FULL HEIGHT TO STRUCTURE, U.N.O.

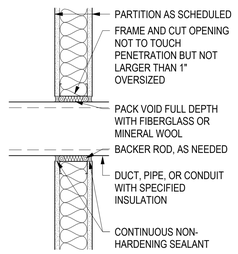


(i) PARTIAL HEIGHT

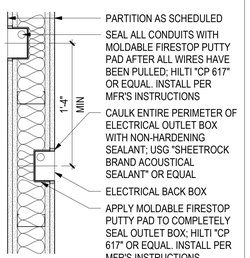
STUD SIZE NUMERIC MODIFIER KEY

3 - 3 5/8" STUD CAVITY
6 - 6" STUD CAVITY
8 - 8" STUD CAVITY
10 - 10" STUD CAVITY

ACOUSTIC PENETRATION SEALING DETAILS



*REQ'D AT ALL PARTITIONS STC 45 AND HIGHER



*REQ'D AT ALL PARTITIONS STC 50 AND HIGHER

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Culver City, CA 90232 / 323.937.2150

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
RF
PROJECT MANAGER
EB
PROJECT ARCHITECT
DJ
PROJECT DESIGNER
RF
PROJECT TEAM MEMBERS
ME
CHECK
KB

9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
PARTITION & CEILING TYPES

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A9.01
GMP SET

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ORIGINAL SHEET SIZE: 36" x 42"

5/1/2025 3:39:30 PM

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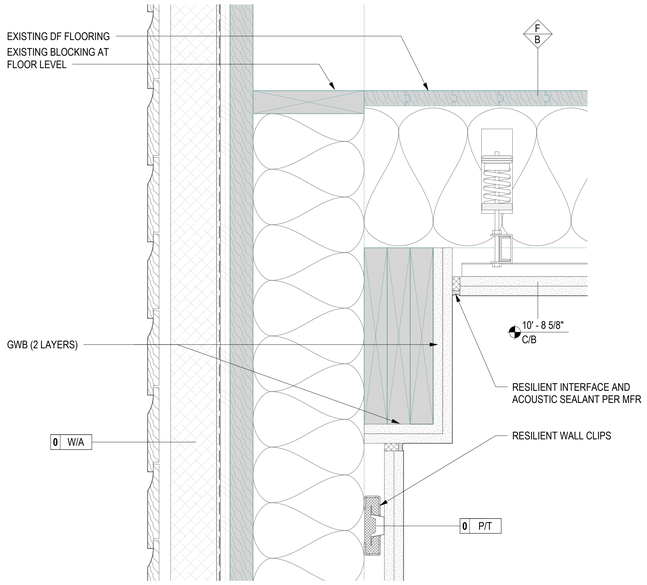
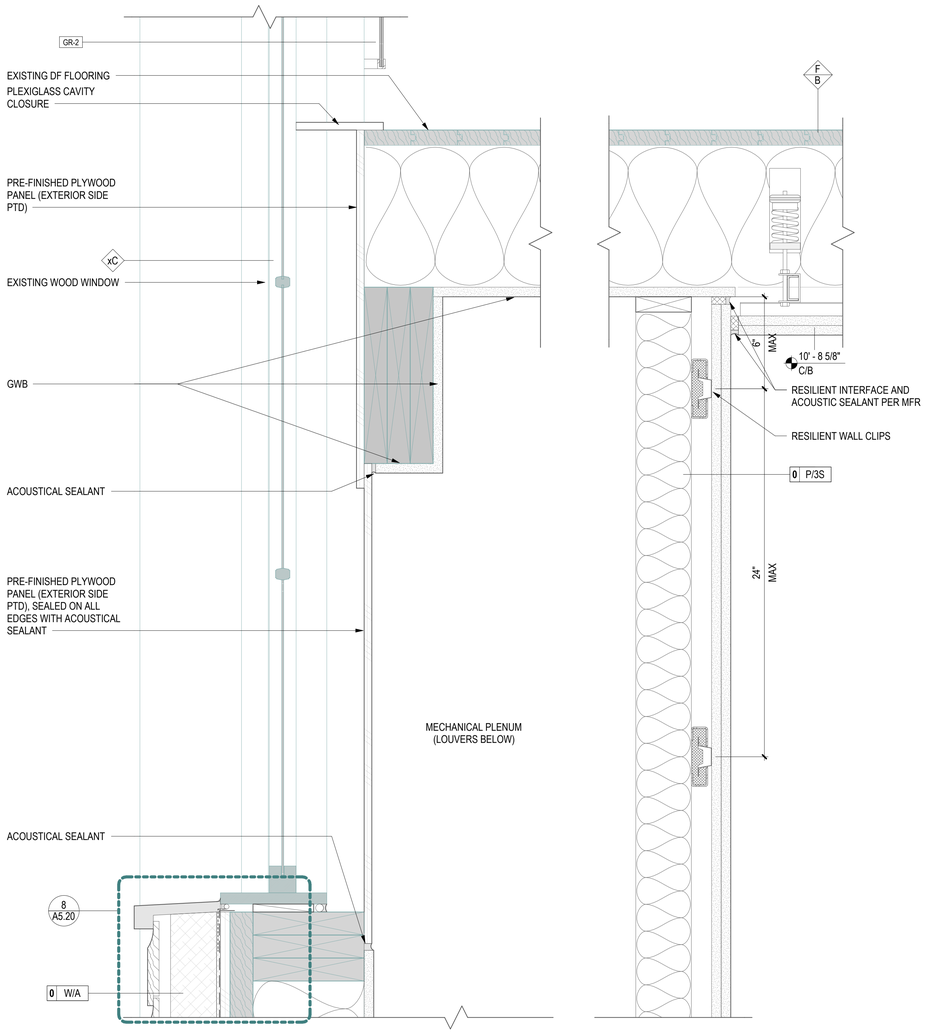
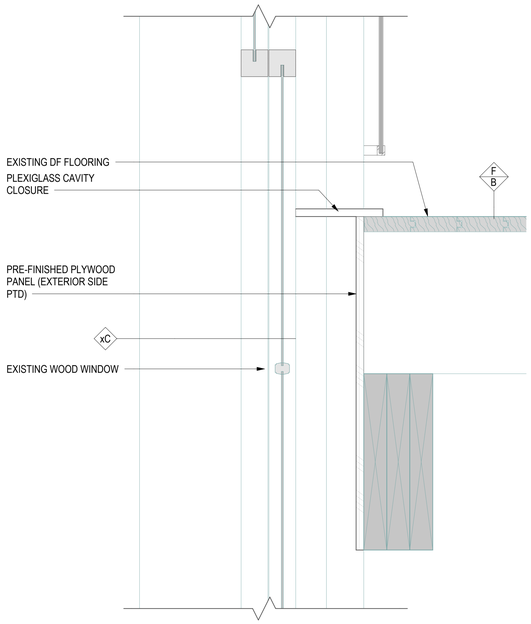


6 MEZZANINE AT MECH RM WALL
3" = 1'-0" | 18/A4.02



16 MEZZANINE AT MECH RM WINDOW
3" = 1'-0" | 18/A4.01



8 MEZZANINE AT MAIN ENTRY
3" = 1'-0" | 17/A4.02

18 MEZZANINE AT GNR
3" = 1'-0" | 19/A4.02

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UNIVERSITY OF WASHINGTON

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9640
REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
INTERIOR DETAILS - MEZZANINE

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A9.20
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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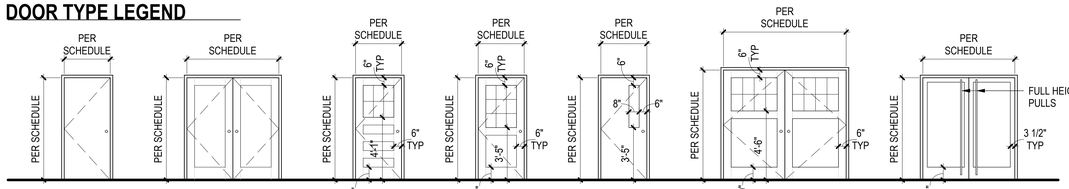
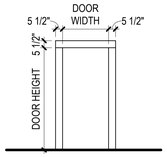
Door Schedule

DOOR NO.	ROOM NAME	WIDTH	HEIGHT	TYPE	DOOR FUNCTION	PANEL MATERIAL	PANEL FINISH	GLAZING TYPE	FRAME MATERIAL	FRAME FINISH	THRESHOLD	FIRE RATING	CLOSER	PANIC PUSH BAR	DOOR SCHEDULE NOTES
L01 TOP OF SLAB															
G00.1	VESTIBULE	8' - 4"	6' - 11"	SF	EXTERIOR	SF		FG, GL-1	SF		YES	-	YES	YES	
G00.2	VESTIBULE	8' - 4"	7' - 10 3/4"	SF	INTERIOR	SF		FG, GL-2	SF		NO	-	YES	YES	SR-1-NL
G01.1	EVENT SPACE	3' - 0"	6' - 8"	B	EXTERIOR	WD	STAIN / PT	HG, GL-1	WD	STAIN / PT	YES	-	YES	YES	
G01.2	EVENT SPACE	3' - 0"	6' - 8"	B	EXTERIOR	WD	STAIN / PT	HG, GL-1	WD	STAIN / PT	YES	-	YES	YES	
G01.4	EVENT SPACE	34' - 11"	8' - 6"	SLIDER	EXTERIOR	SYSTEM		FG, GL-1	SYSTEM		SYSTEM	-			SCHUCO ASE 80
G02.1	EMR	3' - 0"	6' - 8"	A	INTERIOR	WD	STAIN	-	WD	STAIN	NO	45 MIN			
G03.1	JAN & STORAGE	3' - 6"	6' - 8"	A	INTERIOR	WD	STAIN	-	WD	STAIN	NO	-			SR-2
G04.1	KITCHENETTE	4' - 0"	6' - 8"	D	INTERIOR	WD	STAIN	NL, GL-2	WD	STAIN	NO	-	YES	YES	
G04.2	KITCHENETTE	8' - 0"	7' - 2"	E	EXTERIOR	WD	STAIN / PT	GL-1	WD	STAIN / PT	YES	-	YES	YES	DOOR TYPE TO BE SIM TO x1, 24" H MTL-1 KICK PLATE PUSH SIDE
G05.1	UWIT	3' - 6"	6' - 8"	A	INTERIOR	WD	PT	-	WD	PT	NO	-			24" H MTL-1 KICK PLATE PUSH SIDE
G06.1	MEP	6' - 0"	6' - 8"	AA	EXTERIOR	WD	STAIN / PT	-	WD	STAIN / PT	YES	-	YES		
MEZZANINE															
MG02.1	POCOCK SHOP	3' - 0"	6' - 8"	C	INTERIOR	WD	STAIN	HG, GL-2	WD	PT	NO	-			SR-1 (OR SR-2 IF FEASIBLE)

DOOR TYPE LEGEND



DOOR TRIM LEGEND



Window Schedule

WINDOW TYPE	MANUFACTURER - BASIS OF DESIGN	PRODUCT / OPERATION TYPE	WIDTH	HEIGHT	COUNT	U VALUE	FRAME MATERIAL	FRAME FINISH	FRAME FINISH COLOR	GLAZING TYPE	DESCRIPTION	WINDOW NOTES
A	WD	DIVIDED LITE, FIXED, SDL	4' - 3"	10' - 3"	18	0.34 MAX	WD	EPOXY PAINT		GL-1	SIM TO EXISTING TYPE xA, MULLED TOGETHER PER ELEVATIONS	
C	WD	SINGLE HUNG	3' - 10"	5' - 2"	6	0.36 MAX	WD	EPOXY PAINT		GL-1	SIM TO EXISTING TYPE xC, MULLED TOGETHER PER ELEVATIONS	
S	WD, MATCH EXISTING	INTERIOR RELITE, DIVIDED LITE	4' - 4"	3' - 8"	1	N/A	WD	STAIN	TO MATCH	GL-2	MATCH EXISTING TYPE xS	
xC	EXISTING		4' - 3"	10' - 2"	4		WD	NEW EPOXY PAINT		GL-1	1918 ORIGINAL DIVIDED LITE, DOUBLE HUNG, MULLED TOGETHER PER ELEVATIONS	ETR
xD	EXISTING		4' - 3"	10' - 2"	4		WD	NEW EPOXY PAINT		GL-1	1980'S, DIVIDED LITE, SINGLE HUNG, MULLED TOGETHER PER ELEVATIONS	ETR
xE	EXISTING		6' - 4"	3' - 6"	3		WD	NEW EPOXY PAINT		GL-1	1920'S DIVIDED LITE, FIXED	ETR
xF	EXISTING		56' - 0"	4' - 2"	1		WD	NEW EPOXY PAINT		GL-1	1920'S DIVIDED LITE, FIXED	ETR
xS	EXISTING		4' - 4"	3' - 8"	2		WD	NEW EPOXY PAINT		GL-1	1920'S SHOP RELITE, DIVIDED, FIXED	ETR
xS2	EXISTING		6' - 4"	3' - 8"	1		WD	NEW EPOXY PAINT		GL-1	1920'S SHOP RELITE, DIVIDED, FIXED	ETR

Curtainwall / Storefront Schedule

TAG	SYSTEM TYPE	MANUFACTURER - BASIS OF DESIGN	MODEL - BASIS OF DESIGN	PRODUCT / OPERATION TYPE	Length	Unconnected Height	Count	U VALUE	FRAME MATERIAL	FRAME FINISH COLOR	GLAZING TYPE	NOTES
01	SF-1	KAWNEER	TRIFAB 451UT	EXTERIOR	8' - 9"	7' - 1 1/2"	1	0.34 MAX	SF		GL-1	
02	SF-2	KAWNEER	TRIFAB 451	INTERIOR	8' - 9"	9' - 11 1/2"	1	-	SF		GL-2	
03	CW-1	KAWNEER	1600UT	EXTERIOR	17' - 2"	12' - 2 3/4"	1	0.34 MAX	CW		GL-3	BIRD SAFE GLAZING FRIT PER UW FSDG STANDARDS
04	CW-1	KAWNEER	1600UT	EXTERIOR	17' - 2"	12' - 2 3/4"	1	0.34 MAX	CW		GL-3	BIRD SAFE GLAZING FRIT PER UW FSDG STANDARDS

Hatch Schedule

TAG	WIDTH	HEIGHT	FUNCTION	PANEL MATERIAL	PANEL FINISH	NOTES
H	3' - 0"	2' - 6"	EXTERIOR HATCH	SYSTEM	POWDERCOATED, CUSTOM COLOR	THERMALLY BROKEN, WITH LADDER EXTENSION SAFETY POST AND INTEGRATED RAILING SYSTEM

Louver Schedule

TAG	COUNT	MFR	MODEL	WIDTH	HEIGHT	SILL HEIGHT	NOTES
L1	2	Ruskin	ELF375DX	9' - 8 1/2"	4' - 1 1/2"	3' - 0"	VIF WIDTH WITH WINDOW AND FRAME ABV, MIN 21 SF FREE AREA, BIRDSCREEN, KYNAR FINISH (CUSTOM COLOR TO MATCH EXTERIOR PAINT)

DOOR SCHEDULE NOTES

1. DOOR HANDLES, PULLS, LATCHES LOCKS & OTHER OPERATING DEVICES ON DOORS REQUIRED TO BE ACCESSIBLE BY SBC CHAPTER 11 SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE
2. CONTROLS, OPERATING MECHANISM AND HARDWARE INTENDED FOR OPERATION BY THE OCCUPANT IN ACCESSIBLE SPACES, ALONG ACCESSIBLE ROUTES OR AS PART OF ACCESSIBLE ELEMENTS SHALL BE ACCESSIBLE
3. ACCESSIBLE DOORS SHALL COMPLY WITH ANSI 117.1-2003

GLAZING TYPE SCHEDULE:

GL-1: TEMPERED/ INSULATED
GL-2: TEMPERED
GL-3: GL-1 WITH BIRD SAFE GLAZING FRIT PER UW FDG STANDARDS

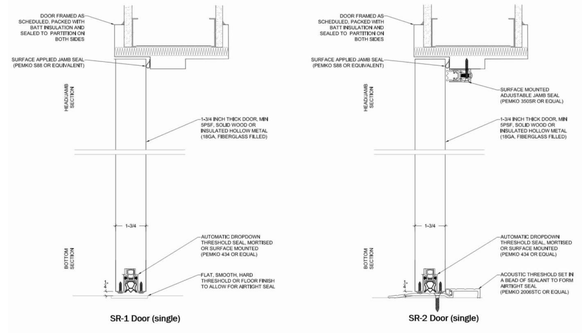
DOOR FRAME / PANEL TYPE SCHEDULE:

HM: HOLLOW METAL
TP: TOILET PARTITION MATERIAL
WD: WOOD
FG: FULL-GLASS
HG: HALF-GLASS
NL: NARROW-LITE
SF: STOREFRONT, FULL-GLASS

ACOUSTIC DOOR SEALING DETAILS

Recommended Door Types

Door Type	Door Leaf and Frame	Door Hardware	Double Door Condition
SR-1 (Wood or Steel)	• Solid-core timber or 18-gauge steel fiberglass-filled leaf • 1-3/4 inch thick (min) • Surface mass ≥ 5psf • Vision Panel ≤ 1/6th of door area • Lites 1/2-inch laminated glass • Fully caulked solid wood or steel frame (16-gauge, grout or fiberglass filled).	• Continuous head and jamb bulb-type seals required. • No door hardware (latching, close-assist, etc.) can interrupt the acoustic seals • Undercut in door limited to no more than 1/4inch • Mortised or surface-mounted threshold drop seal, 1/4in max undercut. *Alternate options may be considered.* • Flat, smooth threshold with continuous caulking/adhesive underneath.	• Single active leaf to support overlapping astragal seals • **OR** (removable) center stile with bulb-type seals • **OR** fully mortised adjustable astragal seals • *Alternate astragal seal options may be considered*
SR-1-NL (Wood or Steel)	*Same as SR-1*	*Same as SR-1* ***with non-latching door hardware.***	*Same as SR-1*
SR-2 (Wood or Steel)	*Same as SR-1*	*Same as SR-2 with additional:* • Adjustable frame-mounted heavy-duty jamb seals • Acoustic Threshold with continuous caulking/adhesive underneath. *Option to omit acoustic threshold in favor of a hard-flat threshold where high-traffic and/or rolling carts may damage acoustic threshold.*	*Same as SR-1 or rebated double-seal if possible*
SR-2-NL (Wood or Steel)	*Same as SR-1*	*Same as SR-2* ***with non-latching door hardware.***	*Same as SR-1*
SC-##	• Specialty manufactured acoustic door set • Door, frame and latching hardware supplied together, assembled • Designed to meet high STC rating (tbc based on location, e.g. STC50) • Additional non-standard hardware may be required. • See details herein for detailing of surrounding constructions to avoid sound flanking paths.	• Full perimeter seals per manufacturer's details • Floor track per manufacturer's details	• Per manufacturer's details



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Sellen

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

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9640 REGISTERED ARCHITECT
RICHARD FRANKO
STATE OF WASHINGTON

TITLE
SCHEDULES

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
A10.01
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

PLAN NOTES:

1. TOPPING SLAB ELEVATION SHALL BE AS SHOWN IN PLAN. TOPPING SLAB SHALL BE 3 1/2" MINIMUM AND 4 1/2" MAXIMUM THICK WITH #4 @ 24"oc EA. WAY AT CENTER, U.O.N. SEE SPECIFICATIONS FOR FLOOR FLATNESS AND LEVELNESS REQUIREMENTS. SEE ARCHITECTURAL DRAWINGS FOR SLAB DEPRESSION AND SLOPE REQUIREMENTS.

   ADD SHRINKAGE REDUCING ADMIXTURES PER SPECIFICATIONS.

   SEE ARCHITECTURAL DRAWINGS FOR SLAB DEPRESSION AND SLOPE REQUIREMENTS.

2. SLAB DEMO EXTENTS TO BE DETERMINED BY CONTRACTOR. DO NOT DEMO EX. WALL AND COLUMN FOOTINGS, U.O.N. SEE 2/S3.01 FOR TRENCHES. LOCATIONS NOT SHOWN ON STRUCTURAL.

3. PROVIDE CONSTRUCTION/CONTROL JOINTS IN TOPPING SLAB TO DIVIDE SLAB INTO RECTANGULAR AREAS 225 SQUARE FEET OR LESS. AREAS SHALL BE APPROXIMATELY SQUARE AND HAVE NO ACUTE ANGLES. SEE SPECIFICATIONS AND ARCHITECTURAL DRAWINGS FOR ADDITIONAL REQUIREMENTS. JOINT LOCATIONS MUST BE APPROVED BY THE ARCHITECT. SEE 6/S3.01 .

4. TOPS OF ALL FOOTINGS SHALL BE AS SHOWN ON PLAN, U.O.N. CONTRACTOR SHALL COORDINATE WITH FINAL SITE GRADES AND MAINTAIN MINIMUM DEPTH OF FOOTINGS SHOWN ON THE DRAWINGS.

5. STUD WALLS SHALL BE 2x4 STUDS AT 16 "oc, U.O.N. SEE ARCHITECTURAL FOR WALL TYPES. SEE 18/S6.01 FOR SPECIAL STUD REQUIREMENTS AT HEAVILY NAILED SHEAR WALL PANEL EDGES. SEE 9/S6.01, 3/S6.01, AND 2/S6.01 FOR HOLES AND NOTCHES IN STUDS AND PLATES.

6. SEE ARCHITECTURAL/MECHANICAL/CIVIL/UTILITIES DRAWINGS FOR UNDERSLAB PIPING. COORDINATE FOUNDATION DEPTHS AND PIPING IN ACCORDANCE WITH 16/S3.01 .

7. FLOOR SYSTEM SHALL CONSIST OF 5/8" PLYWOOD SHEATHING (PANEL SPAN RATING 48/24) OVER JOISTS PER PLAN. NAIL SHEATHING AT ALL FRAMED PANEL EDGES, DIAPHRAGM BOUNDARIES, BLOCKING, STRUTS, AND SHEAR WALLS BELOW W/ 10d @ 6"oc. NAIL SHEATHING AT ALL INTERMEDIATE SUPPORTS W/ 10d @ 12"oc. GLUE SHEATHING AT ALL SUPPORTS PER GENERAL STRUCTURAL NOTES. FIELD VERIFY ADJACENT FLOOR ELEVATIONS AND VERIFY NEW FLOOR ELEVATION WITH FLOOR FINISHES MATCHES EXISTING.

8. FLOOR INFILLS SHALL CONSIST OF 5/8" PLYWOOD SHEATHING (PANEL SPAN RATING 48/24) OVER 2x8 JOISTS @ 16 "oc. NAIL SHEATHING AT ALL FRAMED PANEL EDGES, DIAPHRAGM BOUNDARIES, BLOCKING, STRUTS, AND SHEAR WALLS BELOW W/ 10d @ 6"oc. NAIL SHEATHING AT ALL INTERMEDIATE SUPPORTS W/ 10d @ 12"oc. GLUE SHEATHING AT ALL SUPPORTS PER GENERAL STRUCTURAL NOTES.

9. TOP OF BEAM ELEVATION SHALL BE SET AT BOTTOM OF PLYWOOD, U.O.N.

10. THE GENERAL CONTRACTOR SHALL REINFORCE ALL OPENINGS AT EXISTING FLOORS AND ROOFS PER 6/S6.03, U.O.N. ALL OPENINGS MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS NOT SHOWN. CONTRACTOR SHALL COORDINATE OPENING DIMENSIONS AMONGST ALL TRADES.

11. INFILL EX. FLOOR/ROOF OPENINGS LESS THAN 2 '-0" PER 12/S6.03 WHERE NO LONGER USED, TYP., U.O.N. LOCATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

12. UNDERPIN EX. WALL IN MAX. 4'-0" LENGTHS PER DETAILS AT 6x6 POST WITH NEW FOOTING EA. SIDE OF EX. WALL. SEGMENTS TO REACH 85% OF f'_C PRIOR TO EXCAVATING FOR NEXT SEGMENT.

LEGEND:

- X'-X" — TOP OF SLAB OR SHEATHING ELEVATION
- X'-X"± — TOP OF EX. SLAB OR SHEATHING ELEVATION
- X'-X" — TOP OF FOOTING ELEVATION
- X'-X"± — BOTTOM OF EX. FOOTING ELEVATION
- HD — HOLDOWN THIS LEVEL PER 27/S6.01
- SPAN DIRECTION OF FLOOR JOISTS
- * — TEMPORARILY SHORE EX. POST, INSTALL NEW FOUNDATION PER 30/S3.02
- MICROPILE PER GENERAL STRUCTURAL NOTE 20
- BATTERED MICROPILE PER GENERAL STRUCTURAL NOTE 20 - BATTER AT 15° MINIMUM, 25° MAXIMUM
- Px — PILE CAPACITY PER SCHEDULE THIS SHEET
- X — NUMBER OF STUDS IN MULTI-STUD POST THIS LEVEL - NAIL TOGETHER PER GENERAL STRUCTURAL NOTES
- TRUSS X — TRUSS ELEVATION PER SHEETS S6.10 TO S6.13
- EL-X — WALL ELEVATION PER SHEET S6.14

SEISMIC FORCE RESISTING SYSTEM LEGEND:

(SEE GENERAL STRUCTURAL NOTE 18)

- Wx-N — SHEAR WALL THIS LEVEL - "N" INDICATES WALL IS NEW W/ 2x4 @ 16"oc AND SHEATHING PER 18/S6.01
- Wx-E — SHEAR WALL THIS LEVEL - "E" INDICATES WALL IS EX. STUD WALL W/ NEW SHEATHING PER ELEVATION
- DIAPHRAGM — DIAPHRAGM AT THIS LEVEL CONSISTS OF THE FLOOR SLAB AT FOUNDATION & WOOD SHEATHING AT MEZZANINE
- STRUT — DRAG STRUT OR CHORD COMPONENT OF THE SEISMIC FORCE RESISTING SYSTEM

BAR LEGEND:

(6) 5 B 15 x 10'-0" — QUANTITY (WHERE SPECIFIED) BAR SIZE "T" TOP, "M" MIDDLE, or "B" BOTTOM or "TB" TOP & BOTTOM; @ SPACING oc (EQ. SPACE IF NOT SPECIFIED); LENGTH OF BAR, PER DETAILS IF NOT SPECIFIED

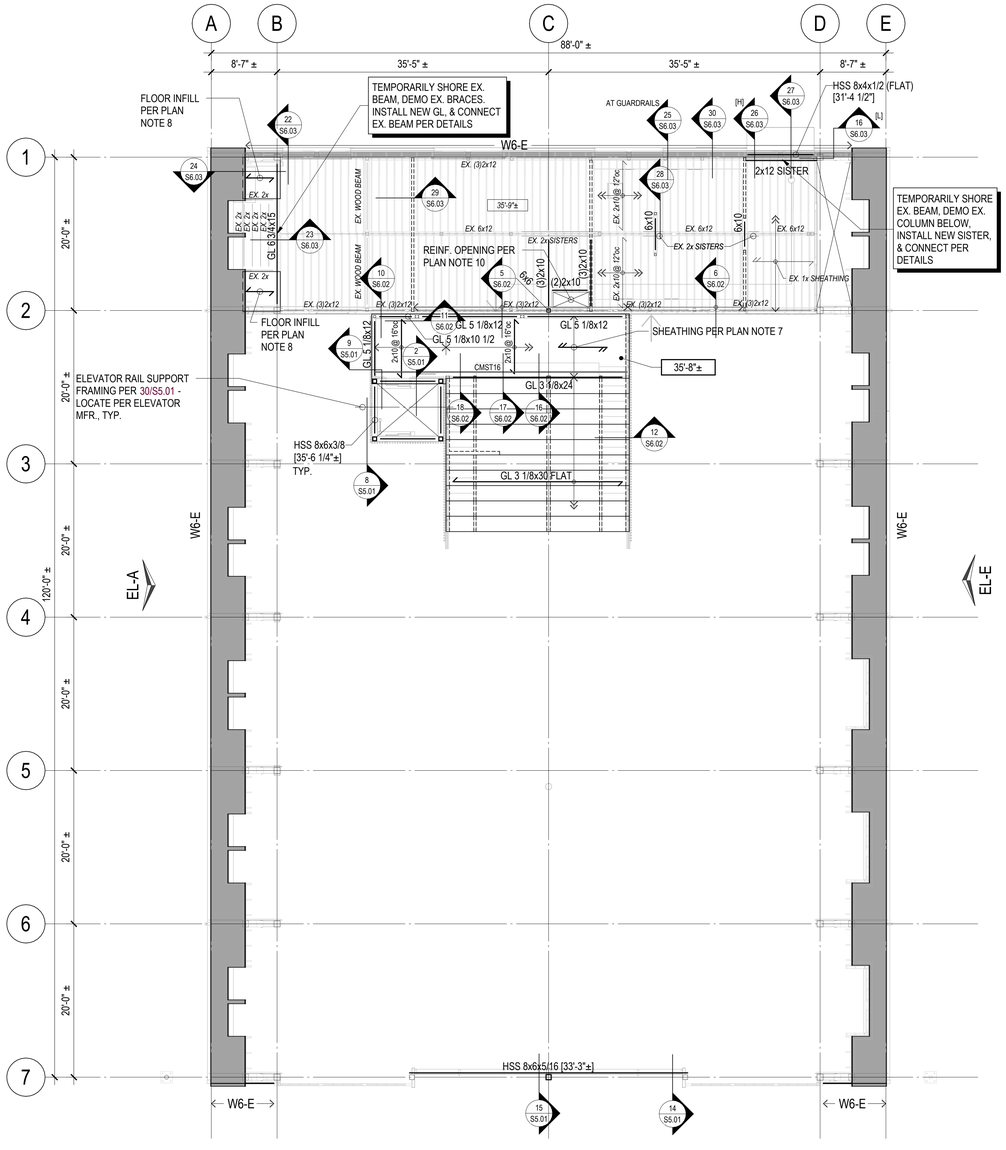
5B15 CONT. — BARS CONTINUOUS TO EA. END OF SLAB, LAP AS REQUIRED

SITE RETAINING WALL PER 30/S3.05 (DIMENSIONS AND LOCATION PER CIVIL/LANDSCAPE) - MECH'L EQUIPMENT PADS PER 4/S3.01, SIM. (DIMENSIONS AND LOCATION PER MECH'L)

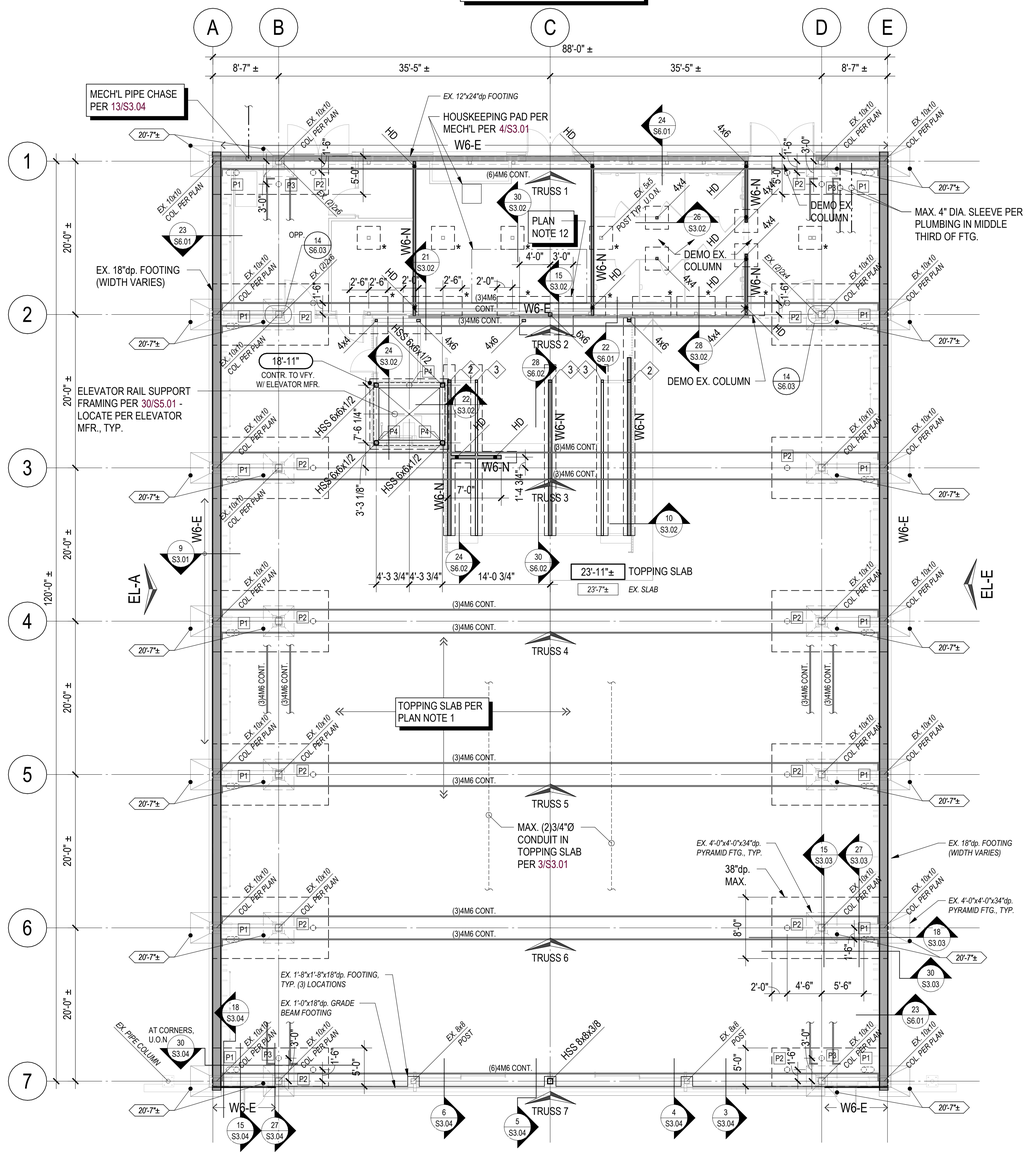
NOTE: ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.

PILE SCHEDULE

mark	COMPRESSION CAPACITY (ALLOWABLE / ULTIMATE)	TENSION CAPACITY (ALLOWABLE / ULTIMATE)	DETAIL REFERENCE
P1	45/90 TONS	25/50 TONS	PER 18/S3.03
P2	20/40 TONS	15/30 TONS	PER 18/S3.03
P3	5/10 TONS	5/10 TONS	PER 27/S3.04
P4	18/26 TONS	2/4 TONS	PER 11/S3.02



2 MEZZANINE FRAMING PLAN
1/8" = 1'-0"



1 FOUNDATION PLAN
1/8" = 1'-0"

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ASUW SHELL HOUSE RENOVATION

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PREPARED FOR
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THE NEXT 100 YEARS

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KLM
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ENGINEER SEAL

BRYAN R. ZACKS — STATE OF WASHINGTON — 23409 — PROFESSIONAL ENGINEER
04/30/25

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TITLE
FOUNDATION AND MEZZANINE FRAMING PLANS

PROJECT NO.
S23219 / UW 206756

DATE
APRIL 30, 2025

SHEET NUMBER
S2.01

GMP SET

ORIGINAL SHEET SIZE 30" x 42"

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PLAN NOTES:

1. TOP OF FLOOR SHEATHING ELEVATION = 50'-6" (VERIFY W/ ARCHITECTURAL)
2. FLOOR FRAMING SHALL CONSIST OF ½" PLYWOOD SHEATHING (PANEL SPAN RATING 48/24) OVER 2x10 JOISTS @ 24 "oc. NAIL SHEATHING AT ALL FRAMED PANEL EDGES, DIAPHRAGM BOUNDARIES, BLOCKING, STRUTS, AND SHEAR WALLS BELOW W/ 10d @ 6"oc. NAIL SHEATHING AT ALL INTERMEDIATE SUPPORTS W/ 10d @ 12"oc.
3. INSTALL NEW ½" PLYWOOD SHEATHING (PANEL SPAN RATING 32/16) OVER EX. SHEATHING. NAILING & LAYOUT PER 30/S6.01.
4. STRUCTURAL DRAWINGS DO NOT SHOW LOCATIONS OF ALL HUNG MECHANICAL UNITS, PIPING, OR OTHER EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF EQUIPMENT AND HUNG MECHANICAL SYSTEMS. ALL ITEMS MUST BE SUPPORTED FROM THE TRUSS OR THE TRUSS BOTTOM CHORD BRACING; DO NOT HANG FROM 6x14 PURLINS OR 2x ROOF JOISTS. HANGERS AND SEISMIC BRACING FOR MECHANICAL SYSTEMS SHALL BE DESIGNED, SUPPLIED, AND INSTALLED BY THE MECHANICAL CONTRACTOR (ALSO SEE GENERAL STRUCTURAL NOTE 14 AND MECHANICAL SPECIFICATIONS).
5. THE GENERAL CONTRACTOR SHALL REINFORCE ALL NEW OPENINGS AT EXISTING FLOORS AND ROOFS PER 6/S6.03, U.O.N. ALL OPENINGS MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. SEE ARCHITECTURAL, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ADDITIONAL OPENINGS NOT SHOWN. CONTRACTOR SHALL COORDINATE OPENING DIMENSIONS AMONGST ALL TRADES.
6. INFILL EX. FLOOR/ROOF OPENINGS LESS THAN 2 '-0" PER 12/S6.03 WHERE NO LONGER USED, TYP., U.O.N. LOCATIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
7. ALL STAIRS/LADDERS AND LANDINGS NOT SPECIFICALLY SHOWN ON THE STRUCTURAL DRAWINGS ARE DESIGN BUILD COMPONENTS. ALL DESIGN BUILD STEEL COMPONENTS SHALL BE DESIGNED, DETAILED, AND SUPPLIED BY THE STEEL FABRICATOR - SEE GENERAL STRUCTURAL NOTE 16. SUPPLY AND INSTALL COMPLETE STAIR SYSTEMS INCLUDING TREADS, RISERS, AND INTERMEDIATE LANDINGS. ANY NON-STEEL COMPONENTS SHALL BE DESIGNED PER GENERAL STRUCTURAL NOTE 13 AND SHALL BE SUPPLIED AND INSTALLED BY SUPPLIERS AND SUBCONTRACTORS AS DIRECTED BY THE GENERAL CONTRACTOR.

LEGEND:

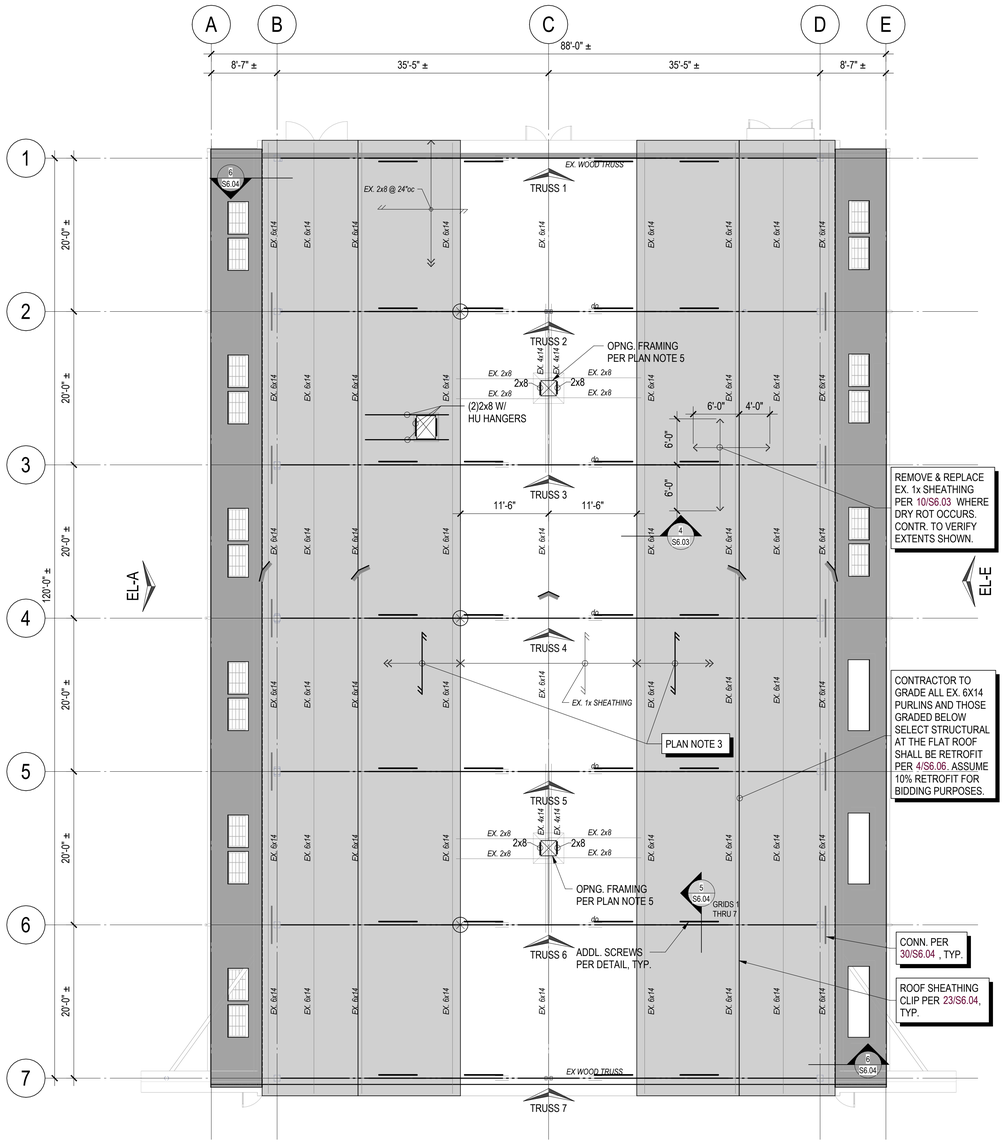
x'-x"	TOP OF SHEATHING ELEVATION (VERIFY W/ ARCH'L)
	SPAN DIRECTION OF JOISTS
	STEP IN TOP OF ROOF FRAMING
	FALL ARREST ANCHOR PER SPECIFICATIONS - SEE 18/S6.03
TRUSS X	TRUSS ELEVATION PER SHEETS S6.10 TO S6.13
EL-X	WALL ELEVATION PER SHEET S6.14

SEISMIC FORCE RESISTING SYSTEM LEGEND:

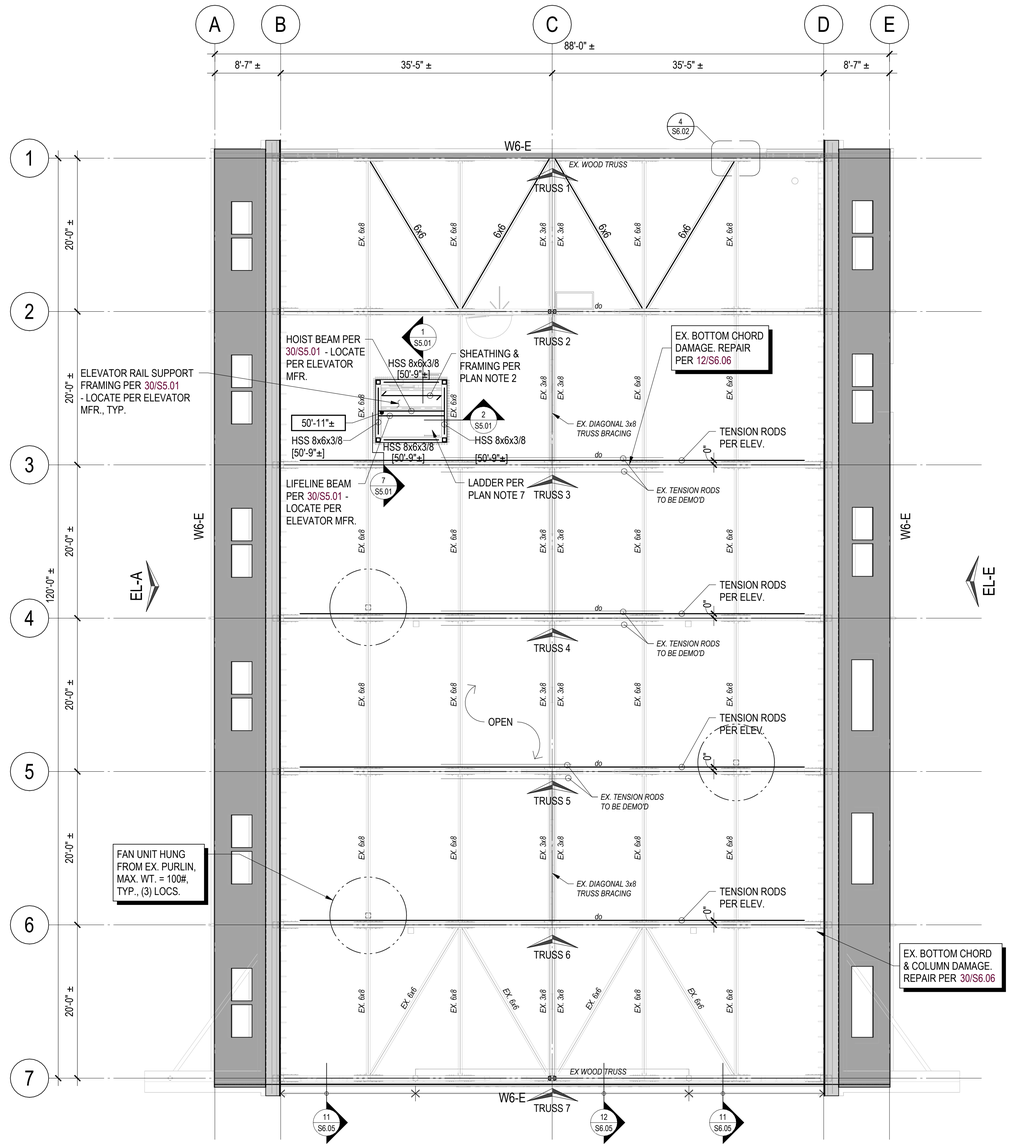
(SEE GENERAL STRUCTURAL NOTE 18)

Wx-E	SHEAR WALL THIS LEVEL PER 29/S6.01
DIAPHRAGM	DIAPHRAGM AT THIS LEVEL CONSISTS OF THE ROOF FRAMING.
X	STRAP PER SCHEDULE THIS SHEET
STRUT	DRAG STRUT OR CHORD COMPONENT OF THE SEISMIC FORCE RESISTING SYSTEM
	SHEATHING PER 30/S6.01 (ROOF) OR ELEVATIONS (WALL)

NOTE: ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING STRUCTURAL COMPONENTS ARE BASED ON INFORMATION GATHERED FROM ORIGINAL DRAWINGS OR CURSORY FIELD MEASUREMENTS AND ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL CONDITIONS PRIOR TO COMMENCING ANY WORK. NOTIFY ENGINEER WHERE CONDITIONS VARY FROM THOSE SHOWN.



2 ROOF FRAMING PLAN
1/8" = 1'-0"



1 LOFT/TRUSS BOTTOM CHORD FRAMING PLAN
1/8" = 1'-0"

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON
THE NEXT 100 YEARS

NO. DATE REVISION

PARTNER IN CHARGE
BRZ
PROJECT MANAGER
RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL
BRYAN R. ZIMMERMAN — STATE OF WASHINGTON — 43409 — REGISTERED PROFESSIONAL ENGINEER
04/30/25

SEATTLE DCI / OPCD APPROVAL STAMP

TITLE
LOFT/TRUSS BOTTOM CHORD AND ROOF FRAMING PLANS

PROJECT NO.
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S2.02
GMP SET

ORIGINAL SHEET SIZE 36" x 42"

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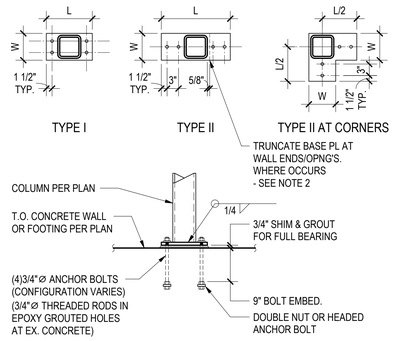


COLUMN SIZE	TYPE I		TYPE II		THICKNESS
	L	W	L	W	
HSS 6x6	12"	7"	18"	7"	5/16"
HSS 8x8	14"	9"	N/A	N/A	1/2"

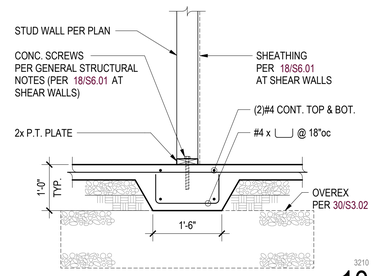
NOTES:
1. INSTALL OFFSET BASE PLATE AT WALL ENDS AND CORNER BASE PLATE AT WALL CORNERS WHERE REQUIRED.
2. WHERE OFFSET TYPE II BASE PLATE IS REQUIRED, TRUNCATE (1) SIDE AND INSTALL (2) BOLT CONNECTION AT OPPOSITE SIDE AS SHOWN.

5005
Base Plate - HSS or Pipe Column 6

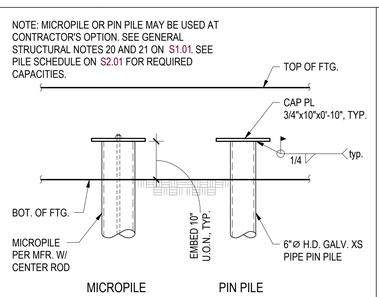
7

8

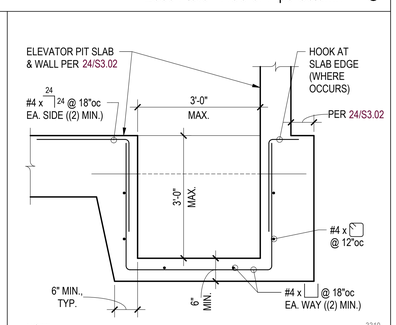
9



3210
Slab-On-Grade w/ Interior Footing 10



3002
11



NOTE:
SIZE SUMP PIT PER ELEVATOR MANUFACTURER.

3310
Sump Pit 12

13

* TEMPORARY SHORING BY GENERAL CONTRACTOR AS REQD.
NOTE: GEOTECHNICAL SPECIAL INSPECTOR TO VERIFY ALLOWABLE BEARING PRESSURE OF 1,500 PSF.

FOR CALL-OUTS IN COMMON SEE DETAIL 30/S3.02

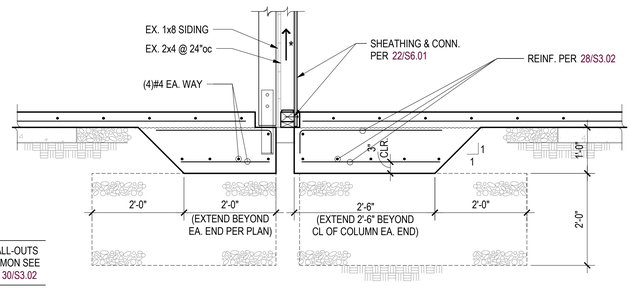
3328
15

NOTES:
1. PROVIDE MISCELLANEOUS METALS AS REQUIRED BY ELEVATOR MANUFACTURER.
2. SEE 12/S3.02 FOR SUMP PIT REINFORCEMENT.

3308
Elevator Pit 24

19

* TEMPORARY SHORING BY GENERAL CONTRACTOR AS REQD.
NOTE: GEOTECHNICAL SPECIAL INSPECTOR TO VERIFY ALLOWABLE BEARING PRESSURE OF 1,500 PSF.



FOR CALL-OUTS IN COMMON SEE DETAIL 30/S3.02

3327
21

FOR CALL-OUTS IN COMMON SEE DETAIL 24/S3.02

3313
22

FOR CALL-OUTS IN COMMON SEE DETAIL 30/S3.02

3208
26

* TEMPORARY SHORING BY GENERAL CONTRACTOR AS REQD.
NOTE: GEOTECHNICAL SPECIAL INSPECTOR TO VERIFY ALLOWABLE BEARING PRESSURE OF 1,500 PSF.

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3203
28

* TEMPORARY SHORING BY GENERAL CONTRACTOR AS REQD.
NOTE: GEOTECHNICAL SPECIAL INSPECTOR TO VERIFY ALLOWABLE BEARING PRESSURE OF 1,500 PSF.

3202
30

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KLM
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S23219 / UW 206756
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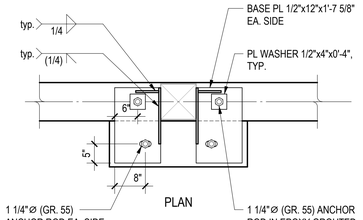

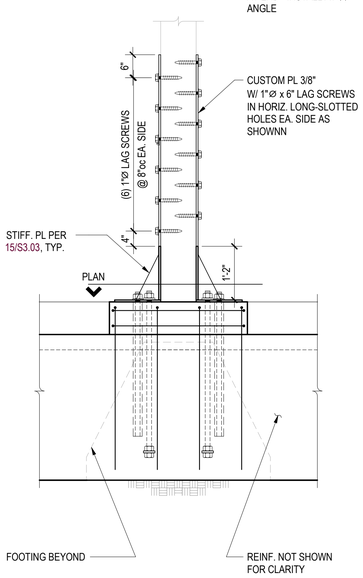

FOR CALL-OUTS IN COMMON SEE DETAIL 18/S3.03

3305
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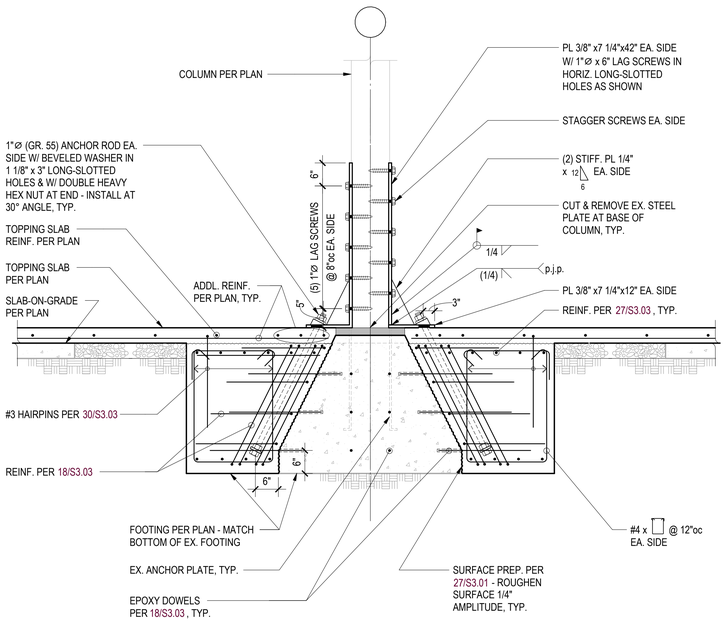
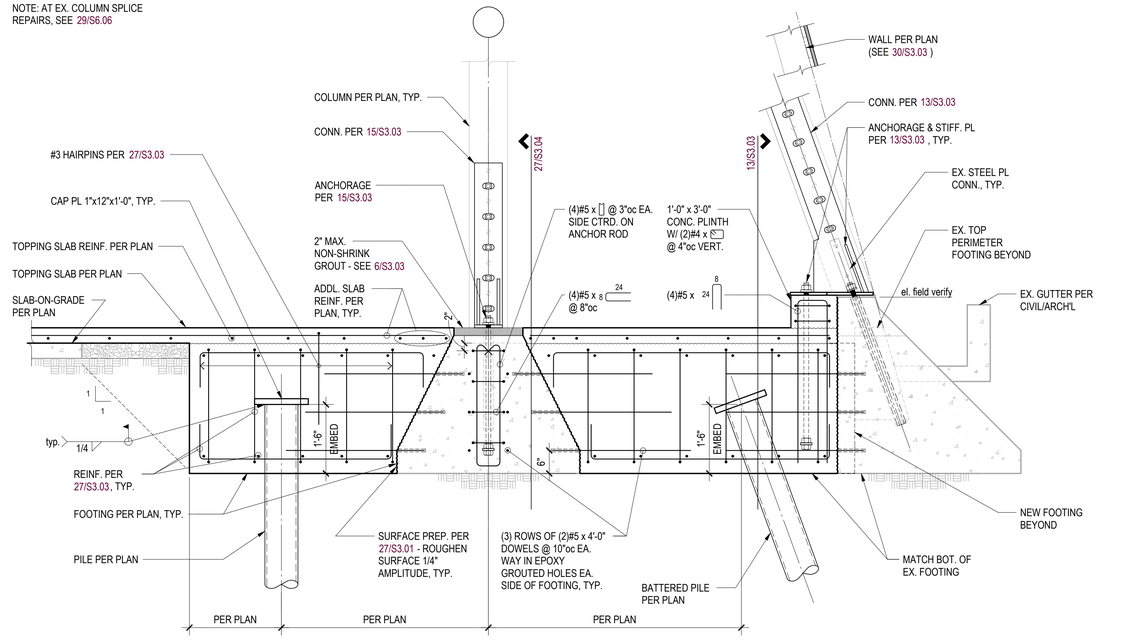


3304
Buttress Section thru Ex. Ftg. 15



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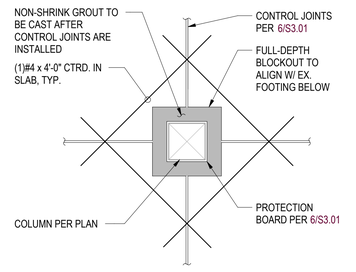
Buttress Footing thru Ex. Ftg. 18

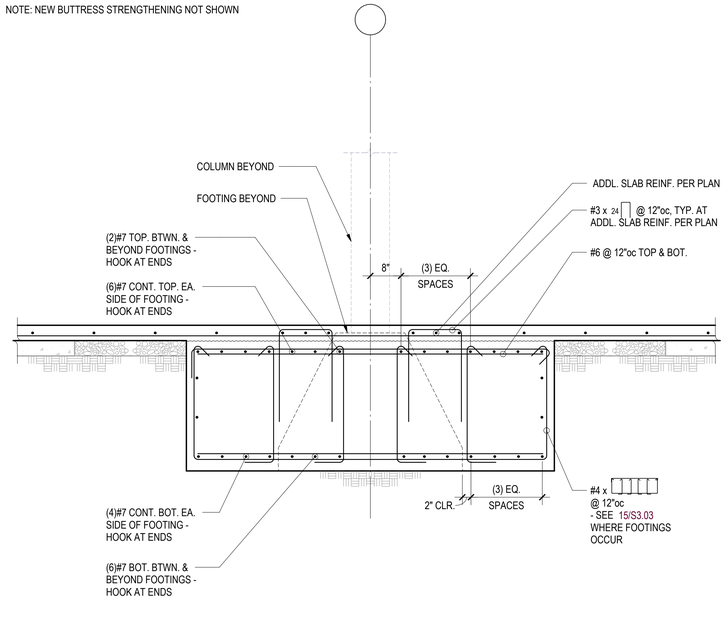


3329
Control Joint at Ex. 10x10 Wood Column 6

19

25

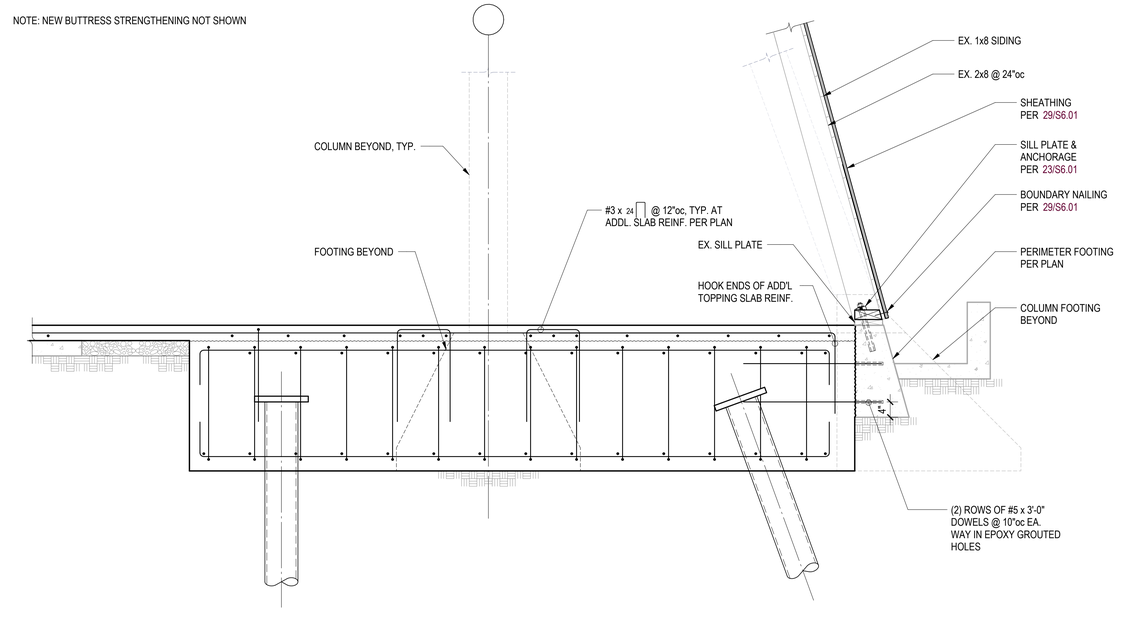
NOTE: NEW BUTTRESS STRENGTHENING NOT SHOWN



FOR CALL-OUTS IN COMMON SEE DETAIL 15/S3.03

3302
Buttress Section 27

NOTE: NEW BUTTRESS STRENGTHENING NOT SHOWN



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3301
Buttress Footing 30

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PROJECT DESIGNER
KLM
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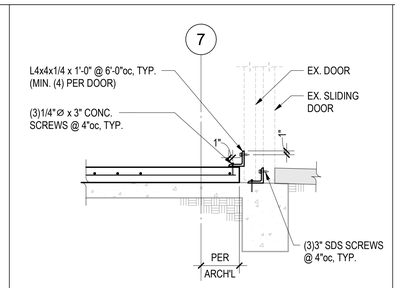

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3323

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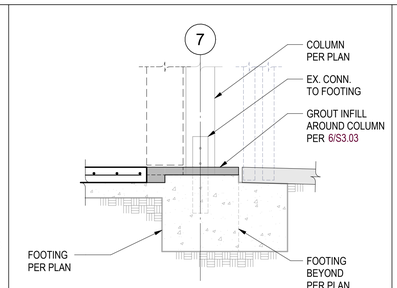

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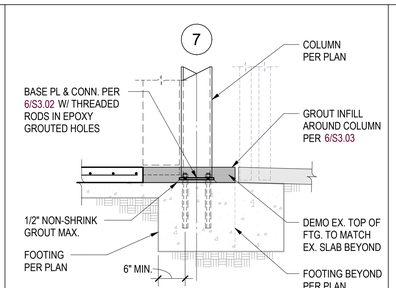

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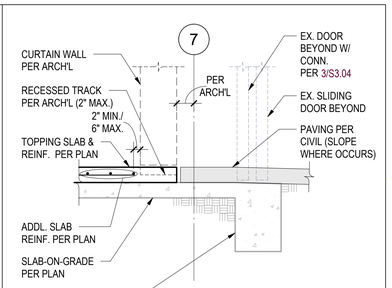
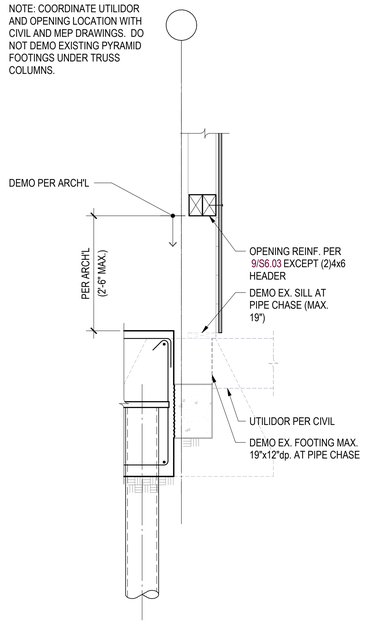


3316

6

NOTE: COORDINATE UTILIDOR AND OPENING LOCATION WITH CIVIL AND MEP DRAWINGS. DO NOT DEMO EXISTING PYRAMID FOOTINGS UNDER TRUSS COLUMNS.



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3305

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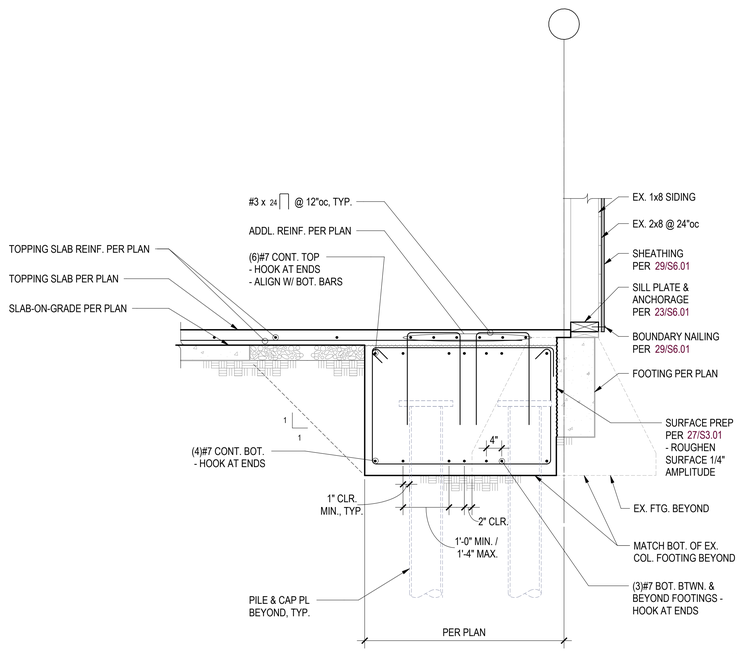

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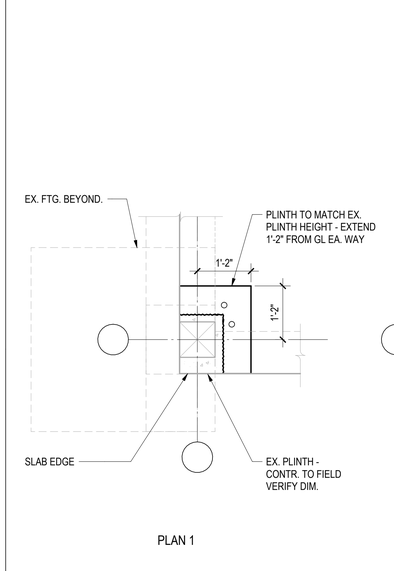
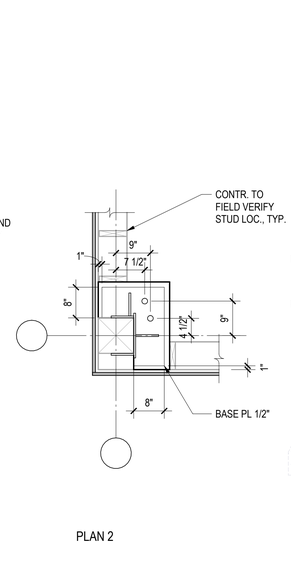


PLAN 1

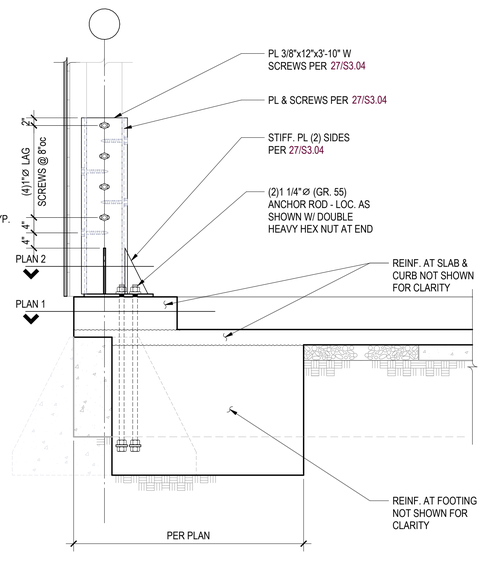


PLAN 2

FOR CALL-OUTS IN COMMON SEE DETAIL 27/S3.04

3321

18



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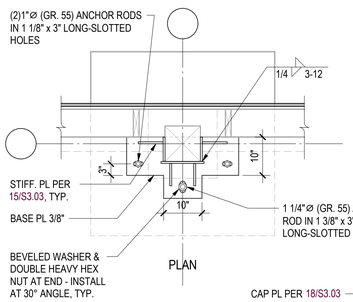
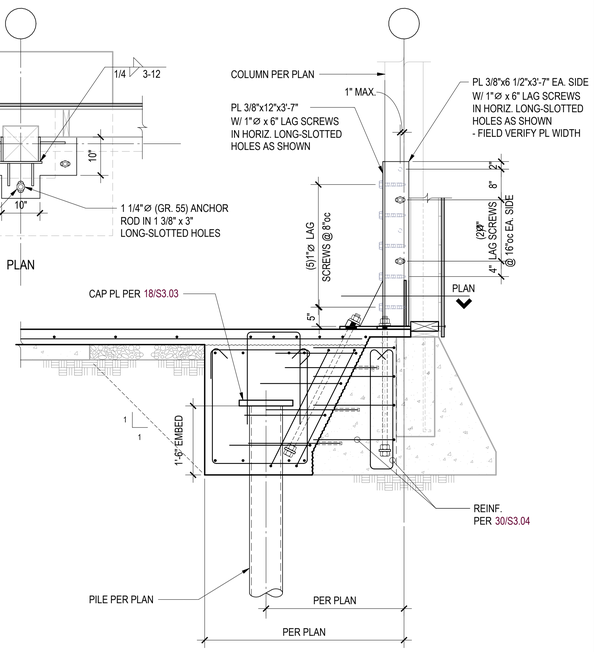
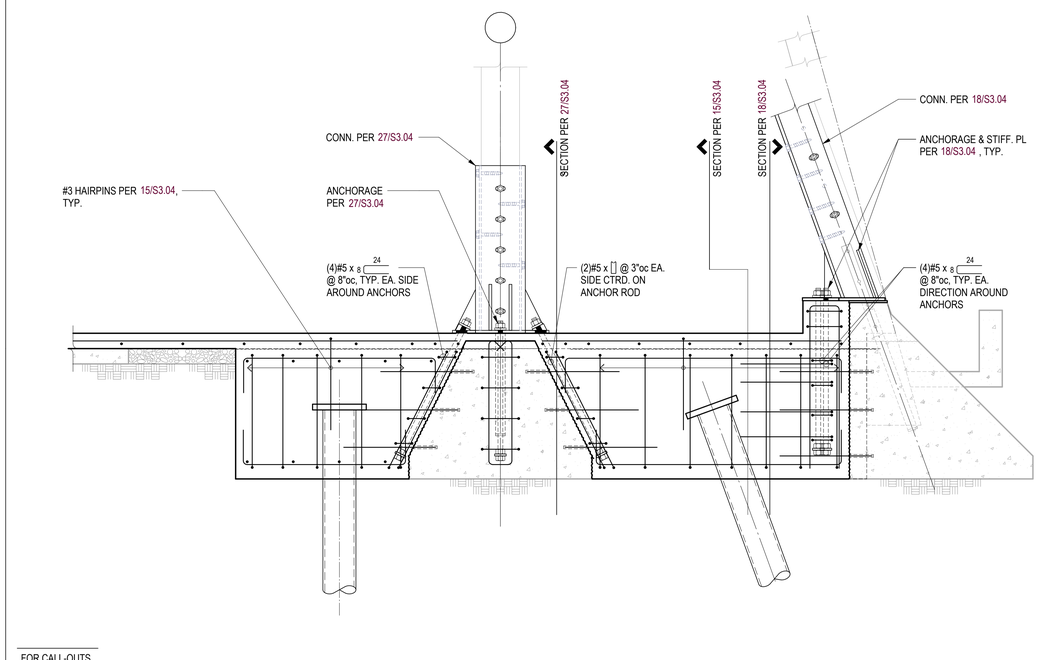




FOR CALL-OUTS IN COMMON SEE DETAIL 15/S3.04

3320

27



Buttress Footing at Building Corners

3319

30

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801 SECOND AVENUE, SUITE 900 SEATTLE, WA 98104

(206) 343-0460 www.cplinc.com

PROJECT

ASUW SHELL HOUSE RENOVATION

LOCATION

3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR

UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
BRZ
PROJECT MANAGER
RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL

BRIAN R. ZACKEY — STATE OF WASHINGTON — 53469 — REGISTERED PROFESSIONAL ENGINEER — 04/30/25

SEATTLE DCI / OPCD APPROVAL STAMP

TITLE
FOOTING DETAILS

PROJECT NO.
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S3.04
GMP SET

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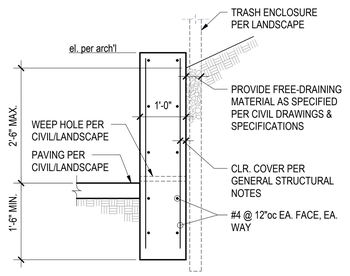
J:\Active Docs (CDP)\00 - SEATTLE\ASUW Shell House Renovation\Docs\ASUW Shell House_Bldg_R24.rvt

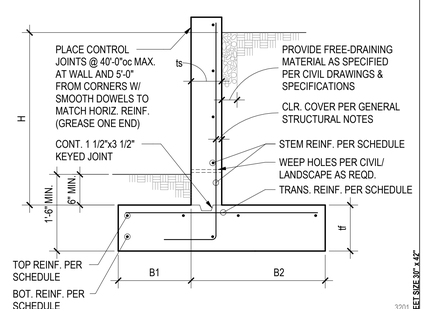
1	2	3	4	5	6	
7	8	9	10	11	12	
13	14	15	16	17	18	Thickened Slab Edge at South Sidewalk 6224
19	20	21	22	23	24	Short Wall at Trash Enclosure 3209
25	26	27			30	Retaining Wall (Site) 3201



					STEM REINFORCEMENT		FOOTING REINFORCEMENT		
H	B1	B2	ts	tf	VERT.	HORIZ.	TRANS.	TOP	BOT.
UP TO 2'-6"*	1'-0"	1'-9"	6"	12"	#4 @ 12"	#4 @ 12"	#5 @ 12"	(3)#4	(2)#4
5'	1'-6"	2'-6"	8"	12"	#4 @ 12"	#4 @ 12"	#5 @ 12"	(4)#5	(2)#5

* SEE 24/S3.05 FOR H UP TO 2.5' AND NO FOOTING

NOTE:
MAXIMUM HORIZ. DESIGN PRESSURE = 35 PCF
MAXIMUM SEISMIC DESIGN PRESSURE = 7H PSF
MINIMUM ALLOWABLE BEARING = 1,500 PSF
COEFFICIENT OF FRICTION = 0.35 (INCLUDING FACTOR OF SAFETY)
PASSIVE RESISTANCE = 300 PCF



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CHECK
BRZ

ENGINEER SEAL

BRIAN R. ZACHERY — STATE OF WASHINGTON — 23469 — REGISTERED PROFESSIONAL ENGINEER
04/30/25

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TITLE
SITE DETAILS

PROJECT NO.
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S3.05
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Adobe Docs:236726 - ASUW Shell House Renovation/S Add Shell House_Rev_R24.rvt

3" DRIVE PIN W/ WASHER @ 24"oc
JOISTS PER PLAN
3x BLKG. W/ A35 EA. END @ HSS POST

FOR CALL-OUTS IN COMMON SEE DETAIL 2/S5.01

5206 **1**

HSS PER 4/S5.01 AT GUARDRAIL WALL
SHEATHING PER PLAN
2x RIPPED TO FIT W/ 3" DRIVE PIN W/ WASHER @ 16"oc
FRAMING BOTH SIDES, WHERE OCCURS
JOIST PER PLAN
BA HANGER
BEAM PER PLAN

5204 **2**

NOTE: OMIT HSS WHERE PARAPET HEIGHT IS LESS THAN 12" ABOVE TOP OF BEAM.
CAP PL 1/4"
CL BEAM & HSS
4" MAX. FROM T.O. HSS TO T.O. PARAPET
HSS 3x3x3/16 AT FREE ENDS OF WALLS & @ 5'-0"oc MAX.
1/4
BEAM PER PLAN

SECTION

SPLICE TRACK AT CL OF HSS WHERE REQD.
STUD EA. SIDE OF HSS W/ DRIVE PINS OR #10 SELF-TAPPING SCREWS @ 6"oc TO HSS
el. per arch'l
8" TRACK (16GA. MIN.)
800S162-43 @ 16"oc
2" FROM TOP
3'-9" MAX.
1/2" TYP.
2" TYP.

ELEVATION

HSS Parapet Supports 5205 **4**

typ. 3/16
HOIST BEAM PER 12/S5.01 (WHERE OCCURS)
3/16
2
1" DEFLECTION ALLOWANCE
L 6x4x3/8 x 0'-4" (LLV)
2 1/2"
3/4" BOLT IN 13/16" x 2 1/2" VERT. SLOTTED HOLE. PLACE BOLT AT CENTER OF HOLE & TIGHTEN TO FINGER-TIGHT CONDITION ONLY
HSS PER 12/S5.01 W/ RAIL SUPPORT PLATE PER 6/S5.01
1/4
1 1/2"
PL 3/8" x SPREADER BEAM WIDTH W/ (2)3/4" CPL STUDS @ 7"oc
BEAM PER PLAN

Guide Rail Support at Beam 5310 **5**

ELEVATOR RAIL BY MFR.
HSS PER 12/S5.01
1", TYP. ABOVE & BELOW
CONN. PER ELEVATOR MFR.
1/4
PL 1/2"x12"x18" - CONTR. TO COORD. FINAL GEOMETRY AND ELEV. W/ ELEVATOR MFR.
1" SHIM PL TO EXTEND 1" BEYOND HSS GUIDE RAIL SUPPORT AT EA. SIDE WHERE REQD. - CONTR. TO COORD.

Rail Support Plate 5308 **6**

CAP PL 1/2"
(3/8)

FOR CALL-OUTS IN COMMON SEE DETAIL 8/S5.01

5320 **7**

(3/8)
1" GAP MAX.
COLUMN PER PLAN
PL 1/2"x6"x0'-6" TOP & BOT.
typ.
(1/4)
HSS PER PLAN
5/16

5301 **8**

CONN. PER 8/S5.01
1/16
1" eq. spaced lap joint to outside edge of flanges
SHEATHING PER PLAN
HSS PER PLAN
BEAM PER PLAN
HUC HANGER
COLUMN PER PLAN

Beam to HSS Column 5018 **9**

HOIST BEAM PER 12/S5.01
SECTION
(1/4)
1/2" MIN. TYP.
5/16
el. per mfr.
2 1/2"
3"
PL 1/2"x4"x0'-6" W/ (2)3/4"Ø BOLTS
1 1/2"
1/2" MIN.
HSS PER PLAN OR ELEVATOR SUPPORT SCHEDULE

SECTION

Hoist/Lifeline Beam Support Framing 5312 **10**

ELEVATOR SUPPORT MEMBER SCHEDULE

ELEVATOR COMPONENT	ALLOWABLE MEMBER WIDTH	FLOOR TO FLOOR HEIGHT		
		0' < H ≤ 10'	10' < H ≤ 14'	14' < H ≤ 16'
COUNTERWEIGHT (CWT) COLUMN	4"	HSS 10x4x1/4	HSS 14x4 1/2	(2)HSS 10x4x3/8
	6"	HSS 6x6x1/4	HSS 8x6x5/16	HSS 10x6x3/8
CART (CAR) COLUMN	4"	HSS 10x4x1/4	HSS 14x4x1/2	(2)HSS 10x4x3/8
	6"	HSS 6x6x1/4	HSS 8x6x5/16	HSS 10x6x3/8
SPREADER BEAM	4"	« HSS 8x4x5/16 »		
	6"	« HSS 8x6x5/16 »		
HOIST BEAM & LIFELINE BEAM	-	« W10x17 »		

NOTES:
1. COLUMNS AND SPREADER BEAM HAVE BEEN DESIGNED FOR 2.3 KIP SEISMIC LOAD WITH 1/4" MAX DEFLECTION, AND 0.6 KIP SERVICE LOAD WITH 1/8" MAX DEFLECTION. LOAD HAS BEEN ASSUMED TO OCCUR AT MID-SPAN (H/2) OF COLUMNS. AT CONTRACTORS OPTION, ELEVATOR SHOP DRAWINGS SHOWING LOAD VALUE(S), DEFLECTION REQUIREMENTS, AND LOAD LOCATION(S) SHALL BE SUBMITTED TO DESIGN TEAM FOR CONFIRMATION OF ELEVATOR SUPPORT MEMBERS.
2. PROVIDE RAIL SUPPORT PLATE PER 6/S5.01 AT ALL COLUMNS; COORDINATE ELEVATION OF PLATE(S) WITH ELEVATOR MANUFACTURER.

Partial Support Schedule 5307 **12**

FOR CALL-OUTS IN COMMON SEE DETAIL 15/S5.01

5319 **13**

7
PLAN
(2)3/4"Ø THRU-BOLTS, TYP.
PLAN
2"
1'-0"
PL 1/4"x8"x1'-4". TYP.

5319 **14**

(5/16) typ.
7
1/4
typ.
COLUMN PER PLAN
2" TYP.
PL 1/2"x8", TYP.
MAX. ALLOW. LOAD = 70 #/FT
PLAN
3"
4"
MAX. ALLOW. LOAD = 50 #/FT
PLAN
1"
BEAM PER PLAN
1/2" DEFLECTION GAP BETWEEN PL & TOP OF CURTAIN WALL
(3/16)
3-12
CONT. PL 1/2"x11"
CURTAIN WALL ATTACHMENT PER MFR., TYP.
CURTAIN WALL PER ARCH'L, TYP.
EX. DOOR BEYOND

5318 **15**

ADDL. SPREADER AS BETWEEN HSS CWT COL.
HOIST BEAM PER 12/S5.01
ELEVATOR PENTHOUSE
"H" PER 12/S5.01
LIFELINE BEAM PER 12/S5.01
TOP OF MEZZ. FRAMING
BEAM PER PLAN
28/S5.01
"H" PER 12/S5.01
SLAB PER PLAN
TOP OF SLAB
CONC. WALL PER PLAN WHERE OCCURS
"H" PER 12/S5.01
TOP OF PIT SLAB

SECTION 1

HOIST BEAM PER 12/S5.01 W/ CONN. PER 10/S5.01
PARAPET WHERE OCCURS
HSS CWT COLUMN WHERE REQD.
COLUMN CONN. PER 5/S5.01
STUD WALL PER PLAN
COLUMN CONN. PER 22/S5.01
SEE NOTE 3 WHERE ADD'L HSS COLUMN IS REQD.
CONC. WALL PER PLAN WHERE OCCURS

SECTION 2
(WIDTH VARIES)

16

19

20

21

(3) sides
1/4
5/8"Ø x 2'-0" D2L'S @ 6"oc (MIN. (2) PER EMBED)
HSS PER 12/S5.01 W/ RAIL SUPPORT PL PER 6/S5.01
1 1/2" CLR.
SLAB PER PLAN
el. per plan
(1/4)
EMBED PL 1/2"x6" x (HSS LENGTH + 4")
typ. ea. d2l
1/4
3" min.
WALL PER 24/S3.02

Rail Support Connection at Concrete 5313 **22**

SECTION 1
FRONT OF ELEVATOR BELOW
JOISTS PER FRAMING PLANS (ORIENTATION VARIES) - NOT SHOWN FOR CLARITY
HOIST BEAM PER SECTION 1 - CONTR. TO COORD. FINAL ELEVATION W/ ELEVATOR MFR.
SECTION 2
10/S5.01
LIFELINE BEAM SAME AS HOIST BEAM - CONTR. TO COORD. FINAL ELEVATION W/ ELEVATOR MFR.

PENTHOUSE ROOF PLAN

SECTION 1
HSS CAR
FRONT OF ELEVATOR
HSS CWT
SECTION 2
HSS CAR
HSS CWT

ATYPICAL PLAN
(WHERE RAIL ATTACHMENT DOES NOT ALIGN W/ FLOOR)

25

26

27

EMBED L 8x4x5/16 (LLV) W/ 1/2"Ø x 5" STUDS @ 18"oc (MIN. (3))
SLAB PER PLAN
CONT. BENT PL PER ELEVATOR MFR. (ASSUME CONT. PL 1/2" FOR BIDDING PURPOSES)
WALL BELOW PER 24/S3.02 (REINF. NOT SHOWN FOR CLARITY)

Elevator Door Sill at Concrete Slab 5311 **28**

SECTION 1
GUIDE RAIL SUPPORT PER 6/S5.01, TYP.
FRONT OF ELEVATOR
BEAM PER PLAN WHERE OCCURS
SECTION 2

TYPICAL FLOOR PLAN
(WHERE RAIL ATTACHMENT ALIGNS W/ FLOOR)

NOTES:
1. CONTRACTOR TO COORDINATE THE FINAL HSS CWT AND HSS CAR GUIDE RAIL COLUMN LOCATIONS AND QUANTITY WITH THE ELEVATOR MANUFACTURER.
2. ADDITIONAL HSS CWT AND HSS CAR COLUMNS WILL BE REQUIRED WHERE FLOOR-TO-FLOOR HEIGHT(S) EXCEED THE MAX. RAIL BRACKET SPACING PER ELEVATOR MANUFACTURER (12'-0" ASSUMED) - SEE 5/S5.01 WHERE THIS CONDITION IS APPLICABLE.
3. PROVIDE RAIL SUPPORT PLATE PER 6/S5.01 AT ALL HSS CWT AND CAR COLUMNS - COORDINATE ELEVATION OF PLATE(S) WITH ELEVATOR MANUFACTURER.

LEGEND:

HSS CWT	COUNTERWEIGHT GUIDE RAIL COLUMN PER SCHEDULE 12/S5.01 (SEE NOTES 1-3)
HSS CAR	CART GUIDE RAIL COLUMN PER SCHEDULE 12/S5.01 (SEE NOTES 1-3)

1/8" = 1'-0"
5306
Partial Elevator Framing Plan **30**

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ENGINEER SEAL
BRIAN R. ZAGERS — STATE OF WASHINGTON — 53489 — REGISTERED PROFESSIONAL ENGINEER — 04/30/25

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TITLE
STEEL & ELEVATOR DETAILS

PROJECT NO.
S23219 / UW 206756
DATE
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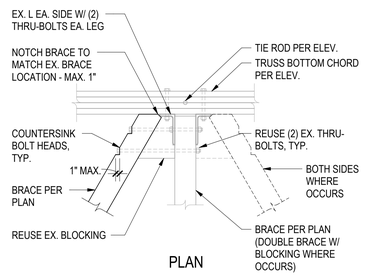

PLAN

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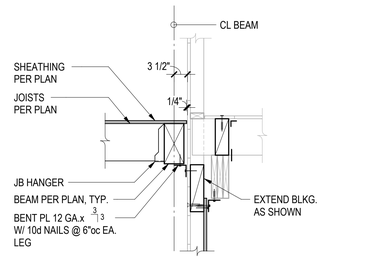

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5202

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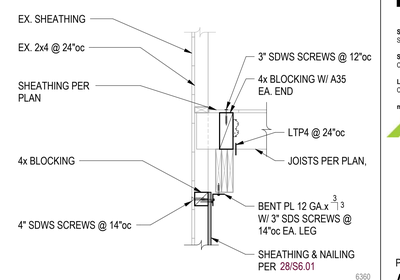

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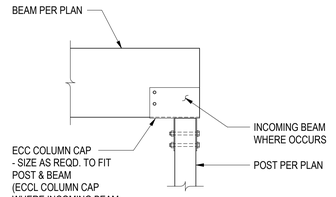

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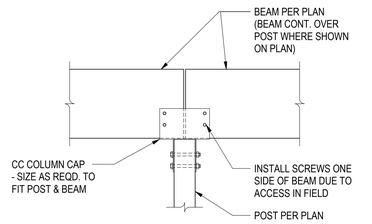
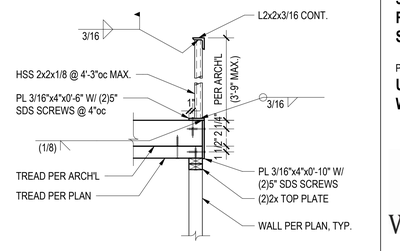


6362

11

NOTE: SEE ARCH'L FOR CONFIGURATION AND DIMENSIONS.



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14

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FOR CALL-OUTS IN COMMON SEE DETAIL 18/S6.02

6357

16

FOR CALL-OUTS IN COMMON SEE DETAIL 18/S6.02

5321

17

NOTES:
1. SEE ARCH'L FOR RISE/RUN CONFIGURATION/SLOPE/DIMENSIONS.
2. GLULAM MEMBERS THAT ARE CUT TO FIT SHALL HAVE 1/2" MIN. THICKNESS AT END LAMINATIONS

6364

18

19

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FOR CALL-OUTS IN COMMON SEE DETAIL 30/S6.02

6365

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FOR CALL-OUTS IN COMMON SEE DETAIL 30/S6.02

6359

28

NOTES:
1. SEE ARCH'L FOR RISE/RUN CONFIGURATION/SLOPE/DIMENSIONS.
2. GLULAM MEMBERS THAT ARE CUT TO FIT SHALL HAVE 1/2" MIN. THICKNESS AT END LAMINATIONS

6358

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COUGHLIN PORTER LUNDEEN

801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104

(206) 343-0460 www.cplinc.com

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
BRZ
PROJECT MANAGER
RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL

BRYAN R. ZIKMUND
STATE OF WASHINGTON
63409
REGISTERED PROFESSIONAL ENGINEER
04/30/25

SEATTLE DCI / DPCD APPROVAL STAMP

TITLE
NEW MEZZANINE DETAILS

PROJECT NO
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S6.02
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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Autodesk Docs://2021/21 - ASUW Shell House Renovation/ASUW Shell House_Struc_R24.rvt

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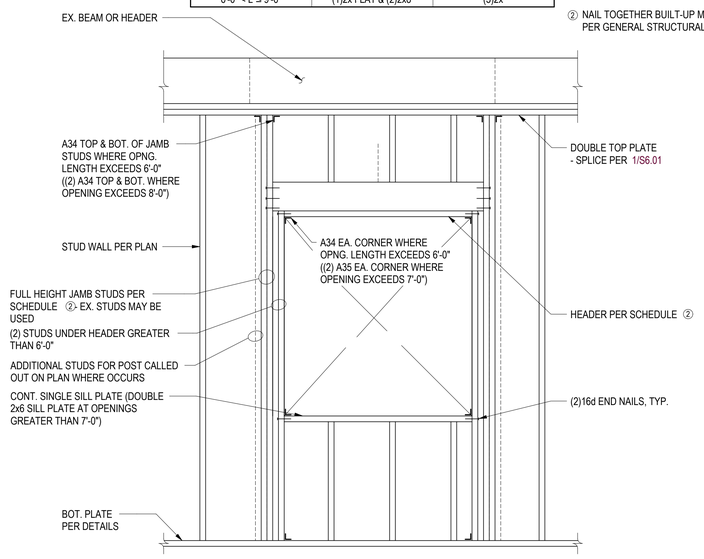
7

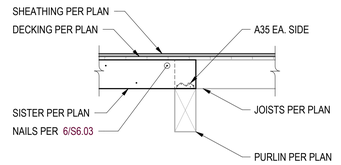
HEADER & JAMB STUD SCHEDULE		
OPENING LENGTH 'L'	HEADER SIZE ① ②	JAMB STUD SIZE ① ②
L ≤ 6'-0"	(3)2x	(2)2x
6'-0" < L ≤ 9'-0"	(1)2x FLAT & (2)2x8	(3)2x

NOTES:
① AT EX. WALLS, MATCH EX. STUD SIZES (2x4 AT GRID 2, 2x8 AT GRIDS 1 AND 7). AT NEW WALLS, 2x4 MIN.
② NAIL TOGETHER BUILT-UP MEMBERS PER GENERAL STRUCTURAL NOTES.



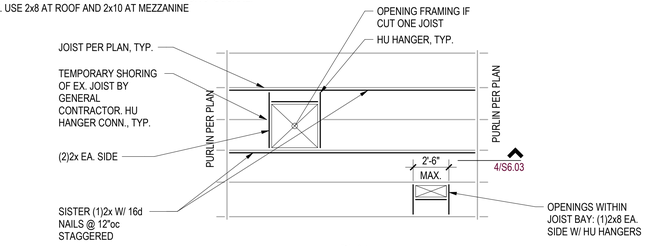
New Opening in Ex. Wall Framing 6220 **9**

NOTE: EX. FRAMING SLOPES WHERE OCCURS



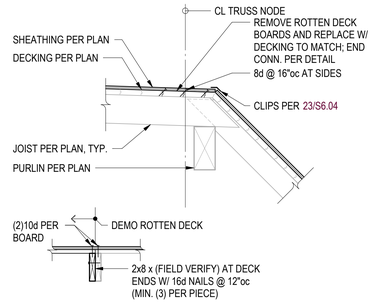
6211 **4**

NOTES:
1. NO REINF. REQD. FOR OPENINGS < 5" DIA. OR 5" SQUARE.
2. USE 2x8 AT ROOF AND 2x10 AT MEZZANINE



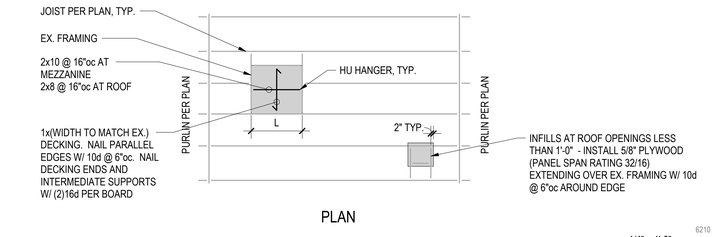
PLAN

1/4" = 1'-0" 6209
New Opening thru Ex. Wood Framing **6**



DETAIL AT NEW DECK ENDS

6212 Rotten Deck Replacement **10**



PLAN

1/4" = 1'-0" 6210
Infill of Ex. Opening in Wood Framing **12**

PLAN

6219 **14**

PLAN

SECTION

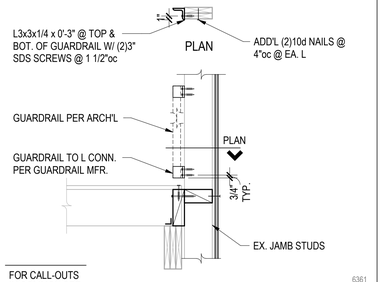
6355 **16**

AT TRUSS CL
(SEE OFFSET CONDITION FOR CALLOUTS-IN-COMMON)

OFFSET FROM TRUSS CL

6336 Fall Arrest Anchors **18**

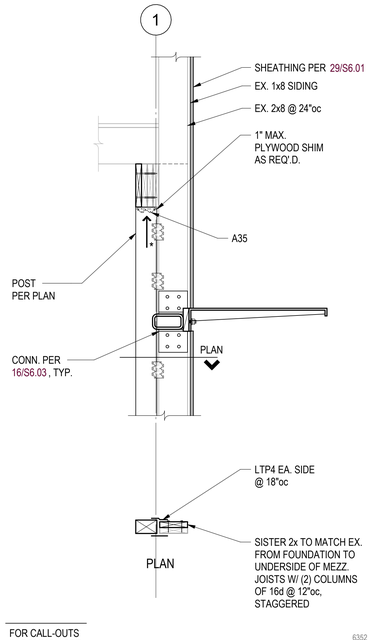
19



FOR CALL-OUTS IN COMMON SEE DETAIL 30/S6.03

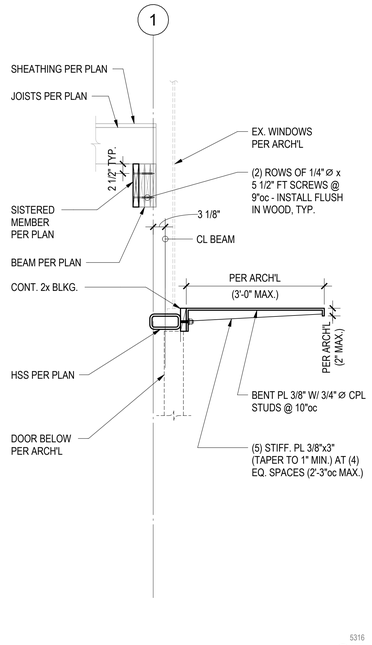
6361 Pocock Mezzanine Guardrail Conn. **25**

* TEMPORARY SHORING BY GENERAL CONTR. AS REQ'D.

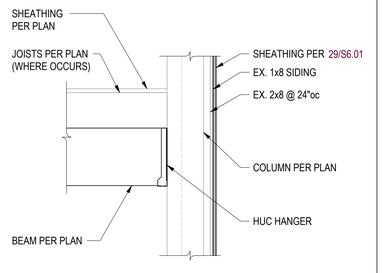


FOR CALL-OUTS IN COMMON SEE DETAIL 27/S6.03

6352 **26**



5316 **27**



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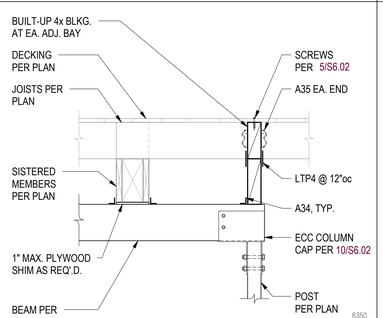
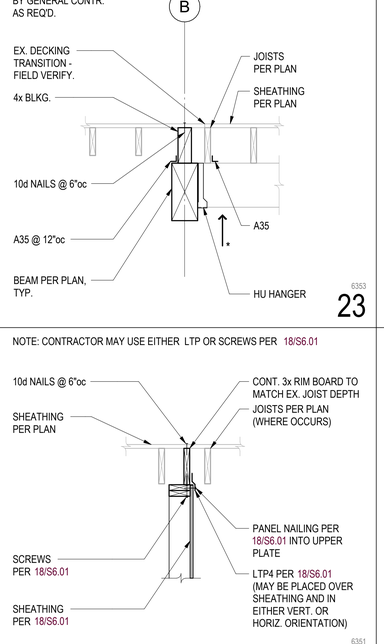


NOTE: DETAIL IS MIRRORED FOR OPPOSITE SIDE

6350 **28**

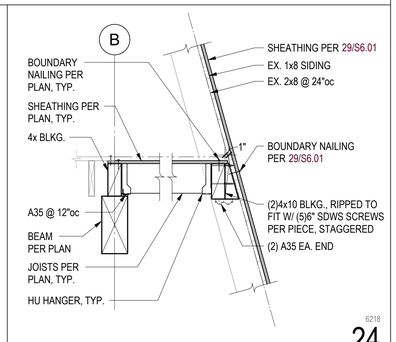
* TEMPORARY SHORING BY GENERAL CONTR. AS REQ'D.



6353 **23**

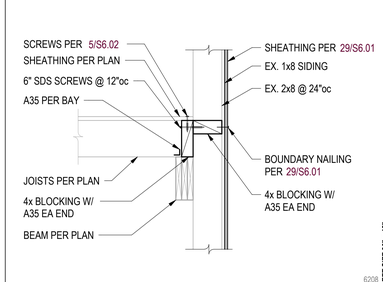
NOTE: CONTRACTOR MAY USE EITHER LTP OR SCREWS PER 18/S6.01

6351 **29**



6218 **24**

NOTE: OMIT BLOCKING AT WINDOWS



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CHECK
BRZ

ENGINEER SEAL

BRYAN R. ZIMMERMAN — STATE OF WASHINGTON — 23409 — REGISTERED PROFESSIONAL ENGINEER
04/30/25

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Autodesk Docs://2412SC_ASUW Shell House Renovation/S6.04 Shell House_Struc_S6.rvt

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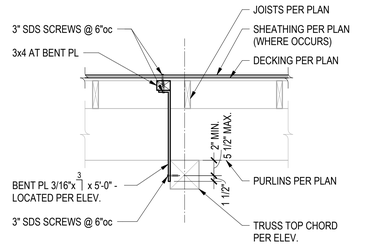

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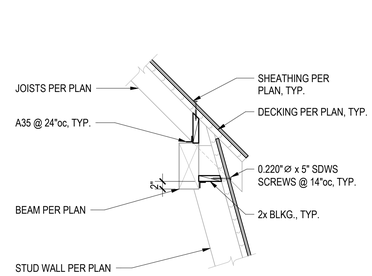

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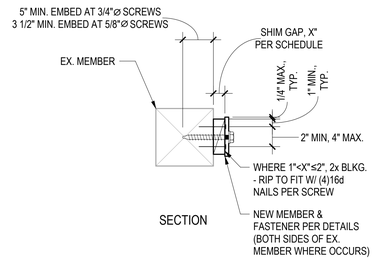

SECTION

SHIM GAP (X")	SHIM TYPE
X" ≤ 1/2"	PLYWOOD OR STEEL PL
1/2" < X" ≤ 1"	STEEL PL STACK (1/8" MIN. THICKNESS)
1" < X" ≤ 2"	SEE SECTION

6356

Shim PL Table 12

13

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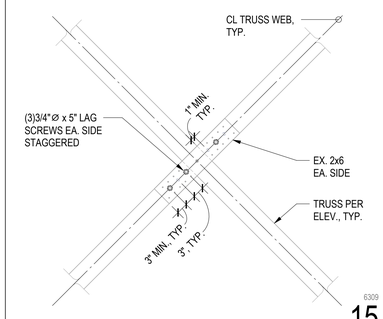

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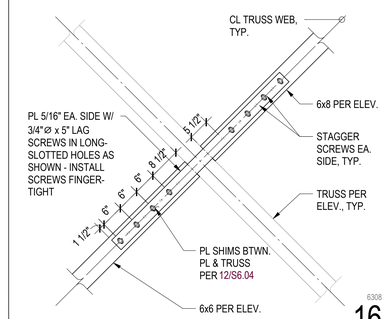

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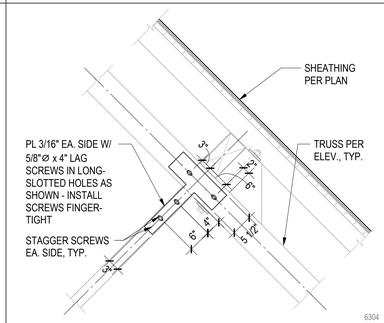

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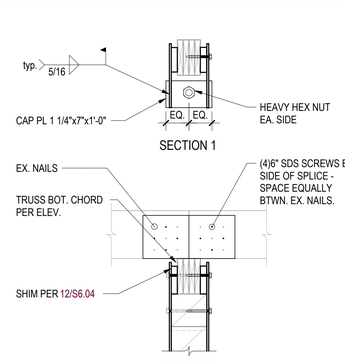

SECTION 1

SECTION 2

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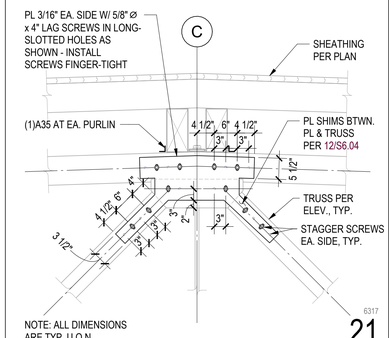

NOTE: ALL DIMENSIONS ARE TYP. U.O.N.

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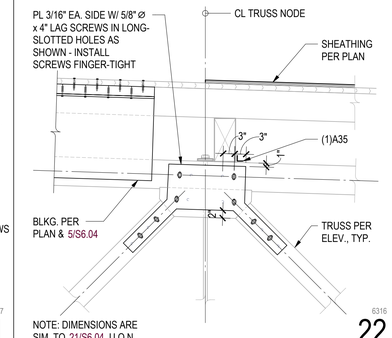

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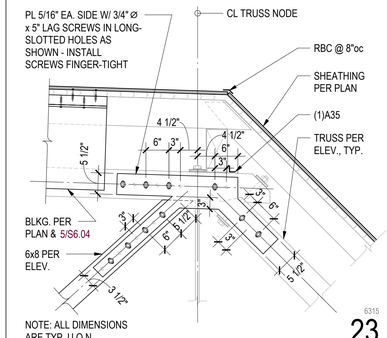

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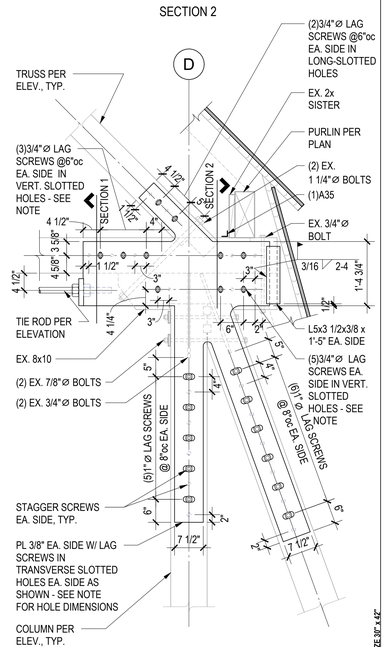

NOTE: HOLE DIMENSIONS IN THIS DETAIL U.O.N., FOR 3/4" Ø LAG SCREWS, 13/16" x 2 3/4" SLOTTED HOLES FOR 1"Ø LAG SCREWS, 1 1/16" x 3 1/2" SLOTTED HOLES

6310

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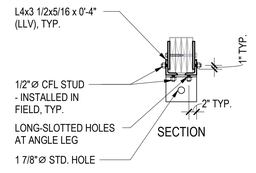

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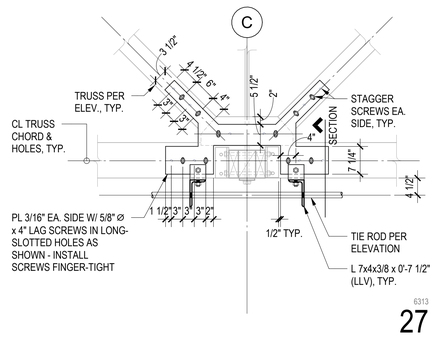

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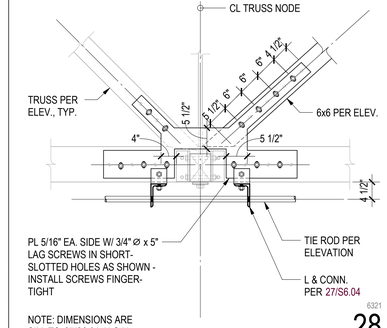

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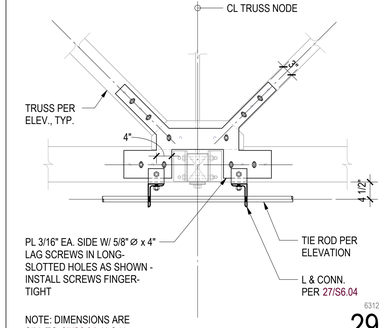

NOTE: DIMENSIONS ARE SIM. TO 27/S6.04 U.O.N.

6312

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(206) 343-0460 www.cplinc.com

PROJECT
ASUW SHELL HOUSE RENOVATION

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PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

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PROJECT MANAGER
RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL

BRYAN R. ZIEGLER
STATE OF WASHINGTON
23459
REGISTERED PROFESSIONAL ENGINEER
04/30/25

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TITLE
EX. TRUSS DETAILS

PROJECT NO.
S23219 / UW 206756
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APRIL 30, 2025

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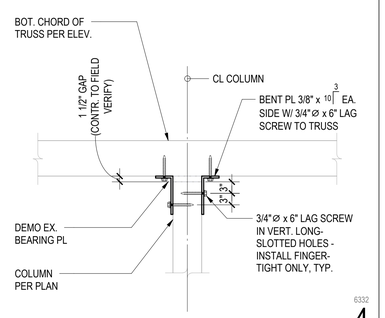

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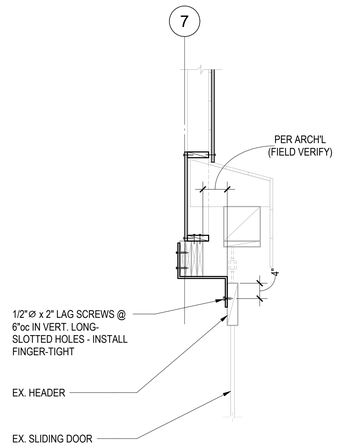
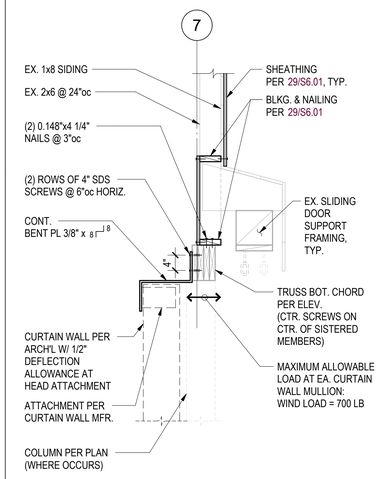


FOR CALL-OUTS IN COMMON SEE DETAIL 12/S6.05

6337

Ex. Sliding Door Attachment 11

NOTE: NOTCH SHEATHING AROUND TRUSS DIAGONALS.



6333

Curtain Wall Head Attachment 12

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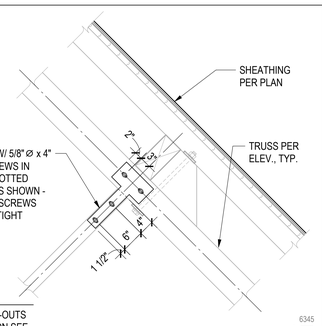


FOR CALL-OUTS IN COMMON SEE DETAIL 17/S6.04

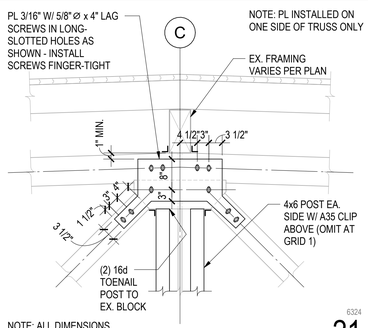
6345

17

18

19

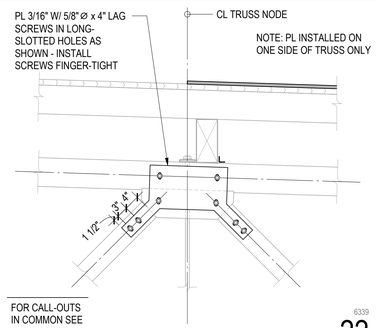
20



NOTE: ALL DIMENSIONS ARE TYP. U.O.N.

6324

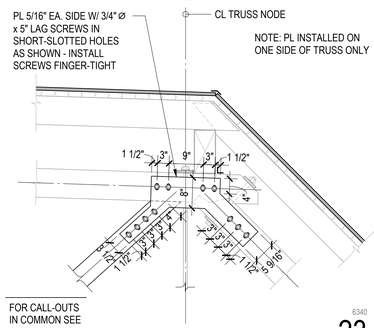
Grid 1, 2 & 7 - Truss Center Node (Top) 21



FOR CALL-OUTS IN COMMON SEE DETAIL 22/S6.04

6339

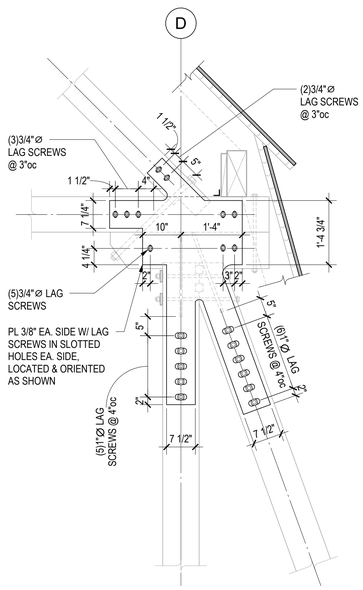
22



FOR CALL-OUTS IN COMMON SEE DETAIL 23/S6.04

6340

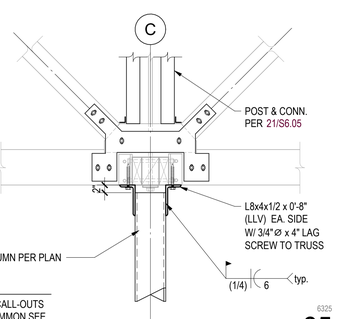
23



FOR CALL-OUTS IN COMMON SEE DETAIL 30/S6.04

6344

30



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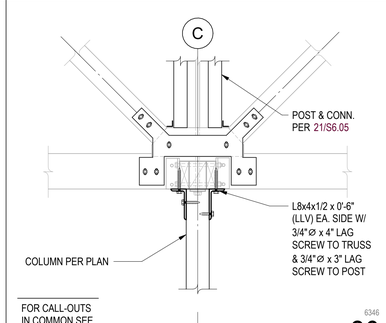
6328

Grid 7 - Truss Center Node (Bot.) 25



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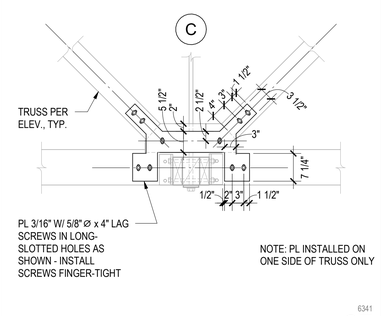
6346

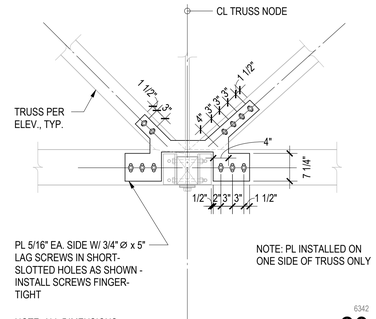
Grid 2 - Truss Center Node (Bot.) 26



NOTE: ALL DIMENSIONS ARE TYP. U.O.N.

6341

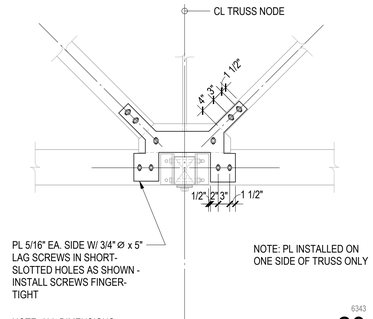
Grid 1 - Truss Center Node (Bot.) 27



NOTE: ALL DIMENSIONS ARE TYP. U.O.N.

6342

28



NOTE: ALL DIMENSIONS ARE TYP. U.O.N.

6343

29

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LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
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UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO. DATE REVISION

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RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

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ENGINEER SEAL

BRIAN R. ZACKEY — STATE OF WASHINGTON — 53469 — REGISTERED PROFESSIONAL ENGINEER
04/30/25

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S23219 / UW 206756
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S6.05
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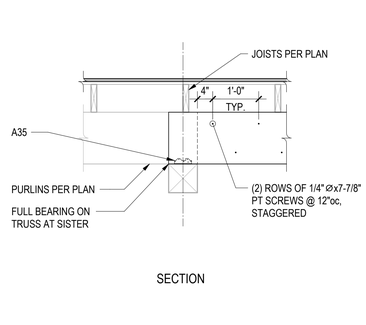

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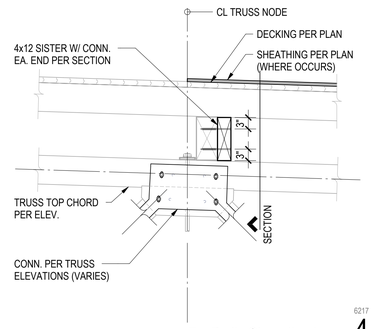
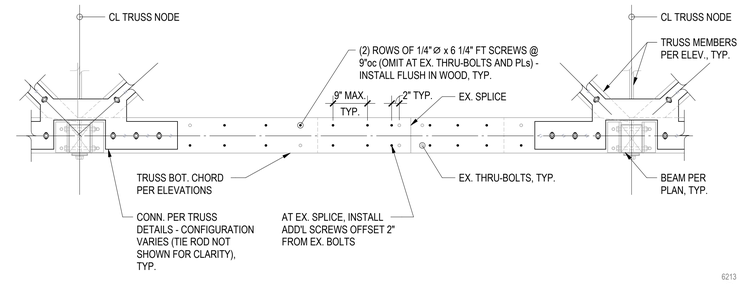


Ex. Purlin Strengthening 4

6217

NOTE: TYPICAL EA. BAY OF TRUSS BOTTOM CHORD. INSTALL SCREWS ON EITHER SIDE OF TRUSS - CONSULT W/ ARCHITECT IF PREFERRED SIDE.



Truss Bottom Chord Splice Strengthening 6

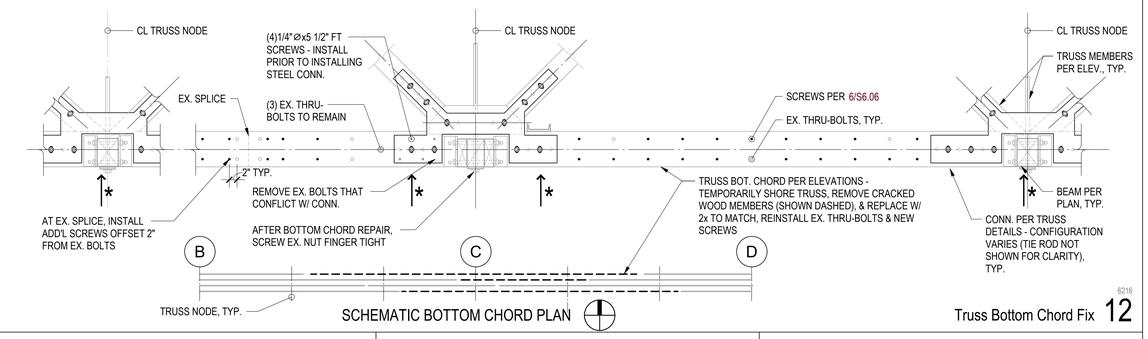
6213

7

8

9

✱ TEMPORARY SHORING BY GENERAL CONTRACTOR AS REQD.



SCHEMATIC BOTTOM CHORD PLAN

Truss Bottom Chord Fix 12

6216

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NOTE: POTENTIAL REPAIR SEQUENCING,

1. GENERAL CONTRACTOR TO DESIGN AND INSTALL TEMPORARY SHORING AT EX. TRUSS, INCLUDING END OF BOTTOM CHORD.
2. LOOSEN BOLTS FROM EX. STEEL PL TO EX. DIAGONAL.
3. PULL EX. BOTTOM CHORD GAP CLOSED. STRUCTURAL ENGINEER AND GENERAL CONTRACTOR'S PROJECT MANAGER TO BE PRESENT. STOP IF DISTRESS OR EXCESSIVE SOUND IS NOTED. GOAL IS TO REDUCE OUTWARD BUILDING BULGE AT TRUSS NODE SHOWN AND REDUCE GAPS BETWEEN EX. TRUSS MEMBERS.
4. INSTALL NEW CONNECTIONS, INCLUDING TENSION ROD, AND TIGHTEN EX. BOLTS THAT ARE LOOSE.
5. INSTALL EPOXY REPAIR AFTER REMOVING ROTTEN WOOD. COORDINATE EPOXY REPAIR PRODUCTS WITH ENGINEER.
6. REMOVE TEMPORARY SHORING.
7. TIGHTEN NEW TENSION ROD PER TRUSS ELEVATION.

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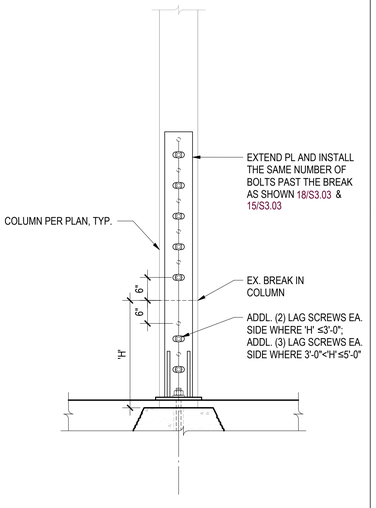
NOTE: REMOVE EX. 2x FRAMING ON COLUMN SIDES AT EX. BREAK INSTALL CONNECTION SHOWN BELOW. AT THE EX. ANGLED BUTTRESS COLUMN WITH EX. BREAK, INSTALL THE COLUMN FOOTING CONNECTION IN A SIMILAR MANNER.



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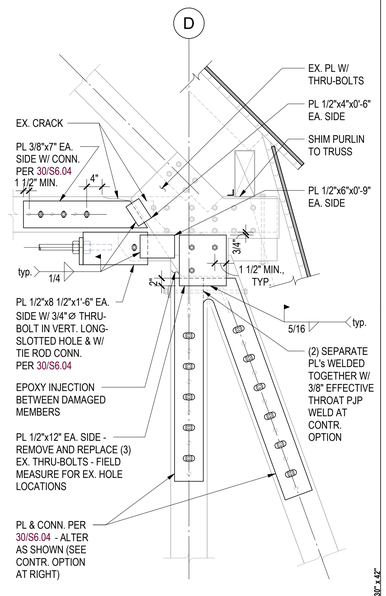
Ex. Column Splice Fix 29

6215



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Truss Broken End Fix 30

6214

25

26

27

28

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PREPARED FOR
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UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

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RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL

BRIAN R. ZAGERS
STATE OF WASHINGTON
24859
REGISTERED PROFESSIONAL ENGINEER
STRUCTURAL
04/30/25

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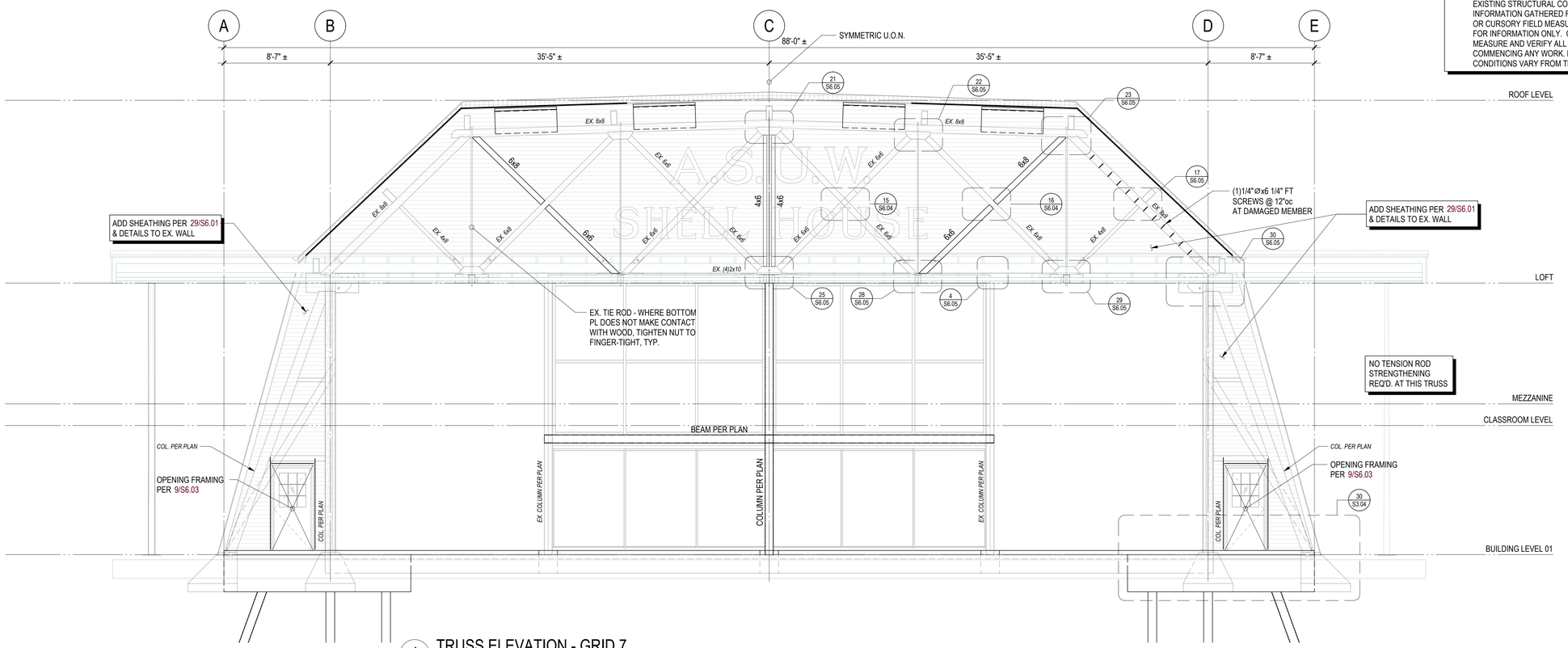
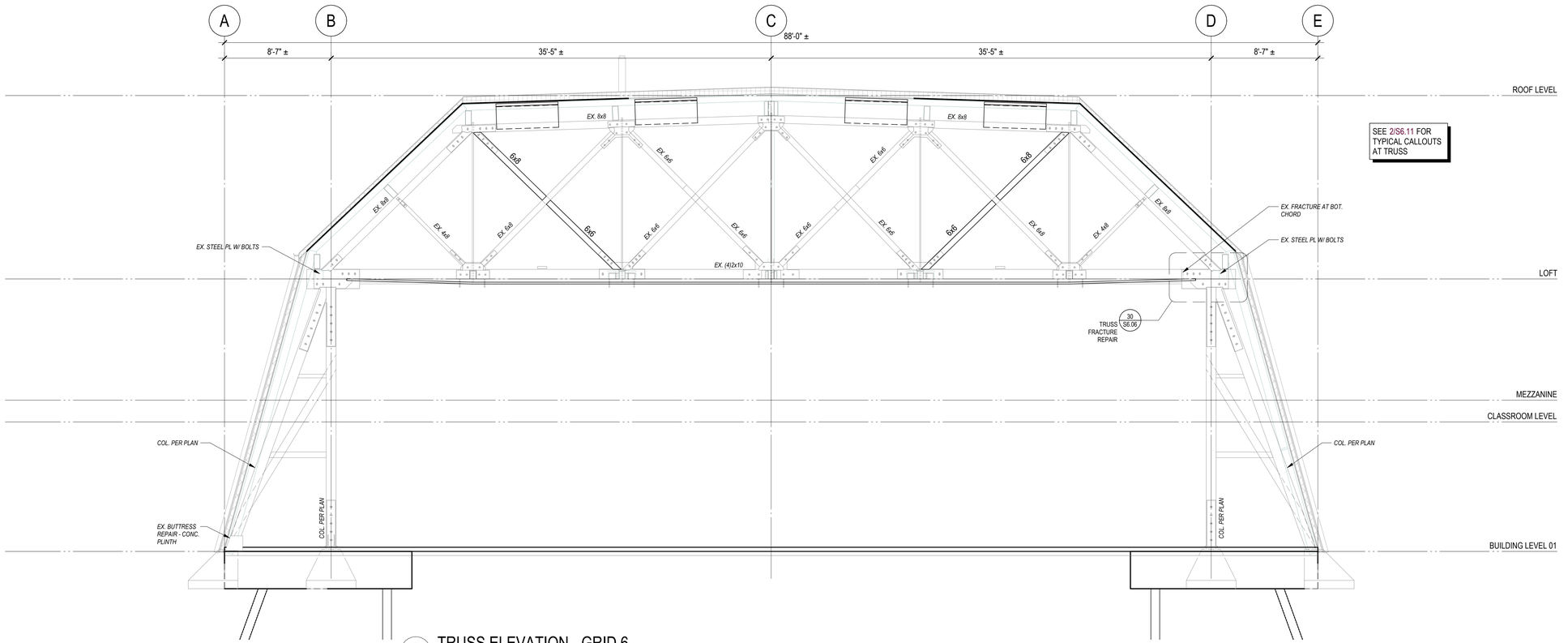


1 TRUSS ELEVATION - GRID 7
1/4" = 1'-0"



2 TRUSS ELEVATION - GRID 6
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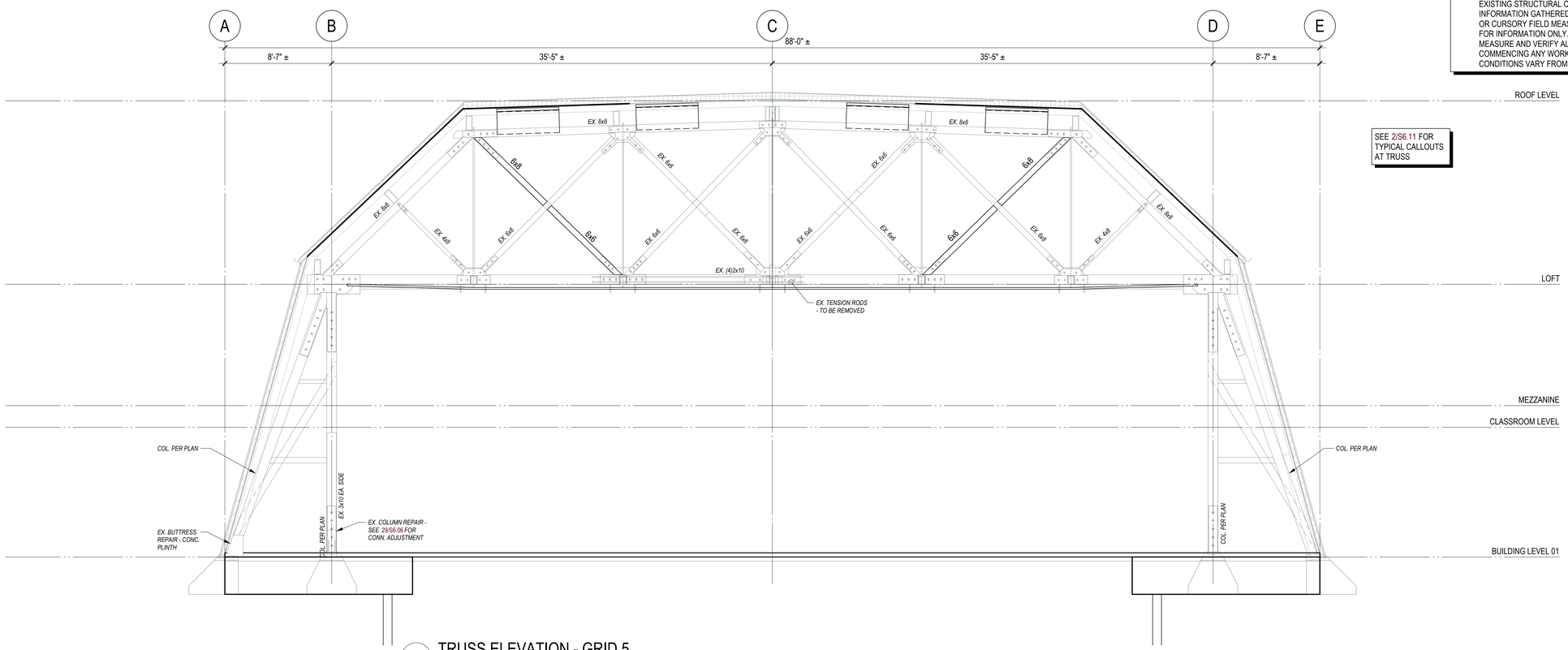

1 TRUSS ELEVATION - GRID 5
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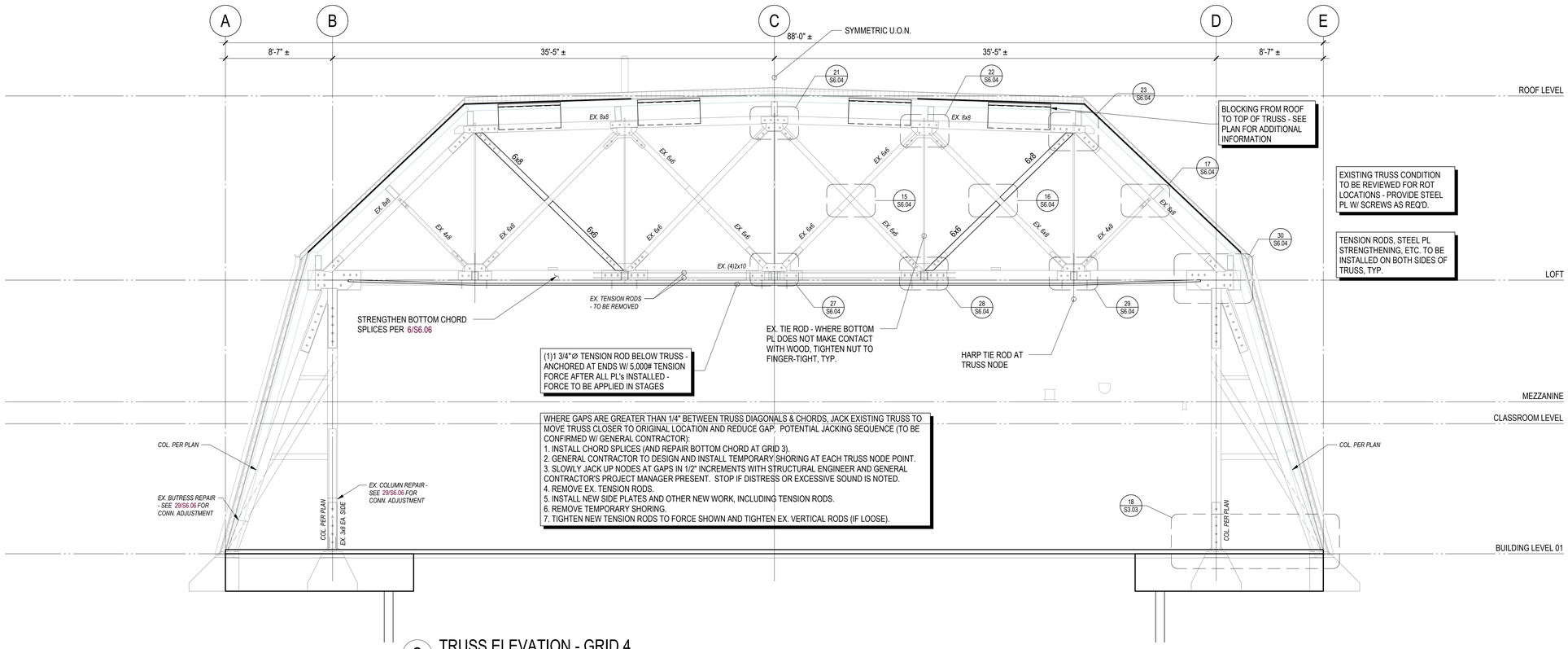

2 TRUSS ELEVATION - GRID 4
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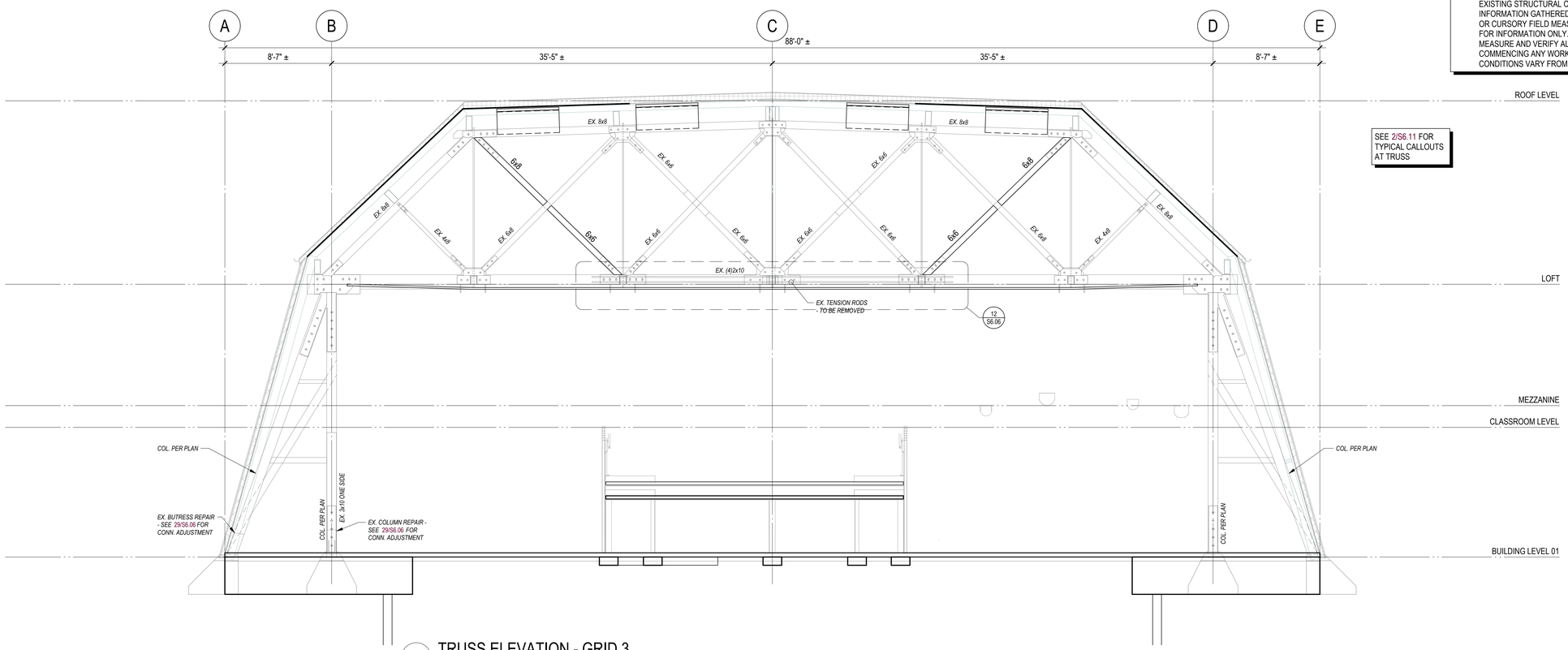

1 TRUSS ELEVATION - GRID 3
1/4" = 1'-0"

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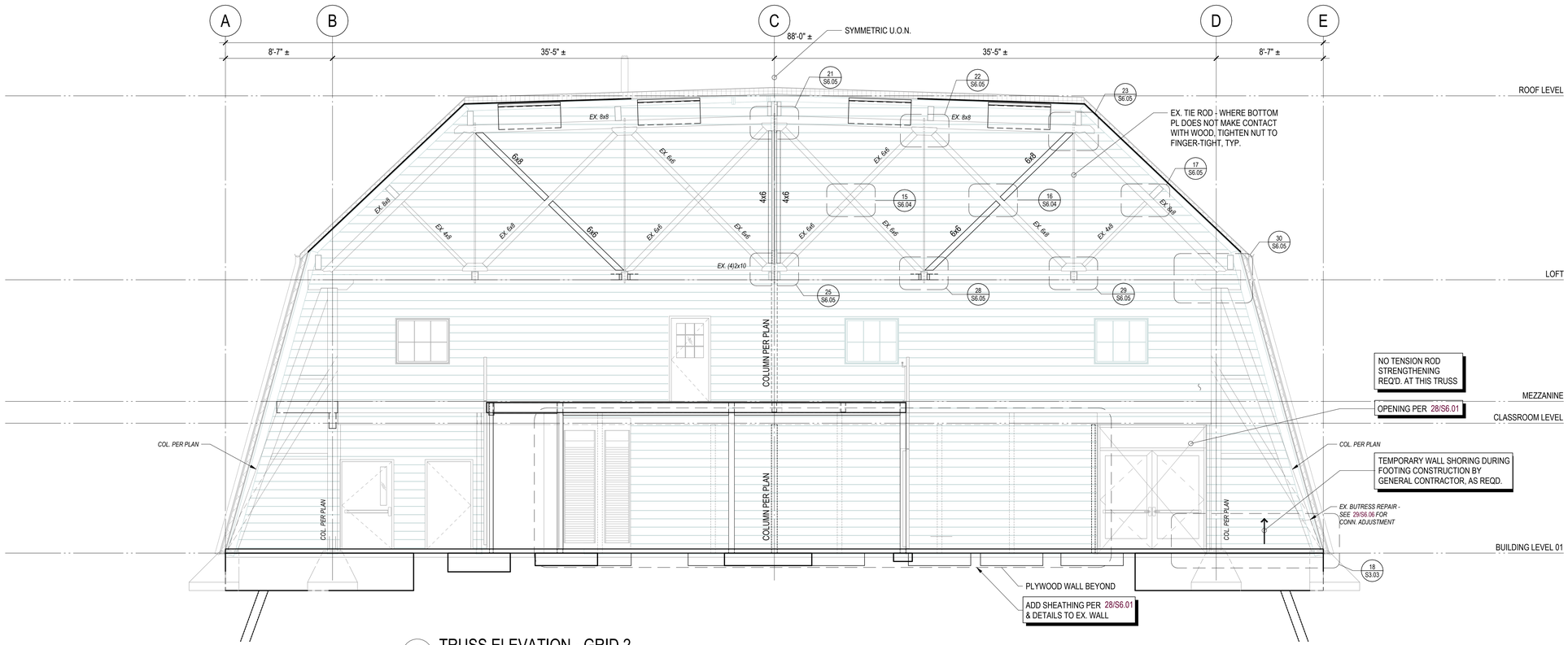
SEE 2/S6.11 FOR TYPICAL CALLOUTS AT TRUSS



2 TRUSS ELEVATION - GRID 2
1/4" = 1'-0"

MITHUN

SEATTLE / Pier 56, 1201 Alaskan Way, #200
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Sellen
COUGHLIN PORTER LUNDEEN

801 SECOND AVENUE, SUITE 900
SEATTLE, WA 98104

(206) 343-0460 www.cplinc.com

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA ROAD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

THE NEXT 100 YEARS

NO.	DATE	REVISION

PARTNER IN CHARGE
BRZ
PROJECT MANAGER
RHC
PROJECT ENGINEER
SEU, JOK
PROJECT DESIGNER
KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL

BRIAN R. ZACHER — STATE OF WASHINGTON — 15409 — PROFESSIONAL ENGINEER — 04/30/25

SEATTLE DCI / OPCD APPROVAL STAMP

TITLE
TRUSS ELEVATIONS

PROJECT NO.
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S6.12
GMP SET

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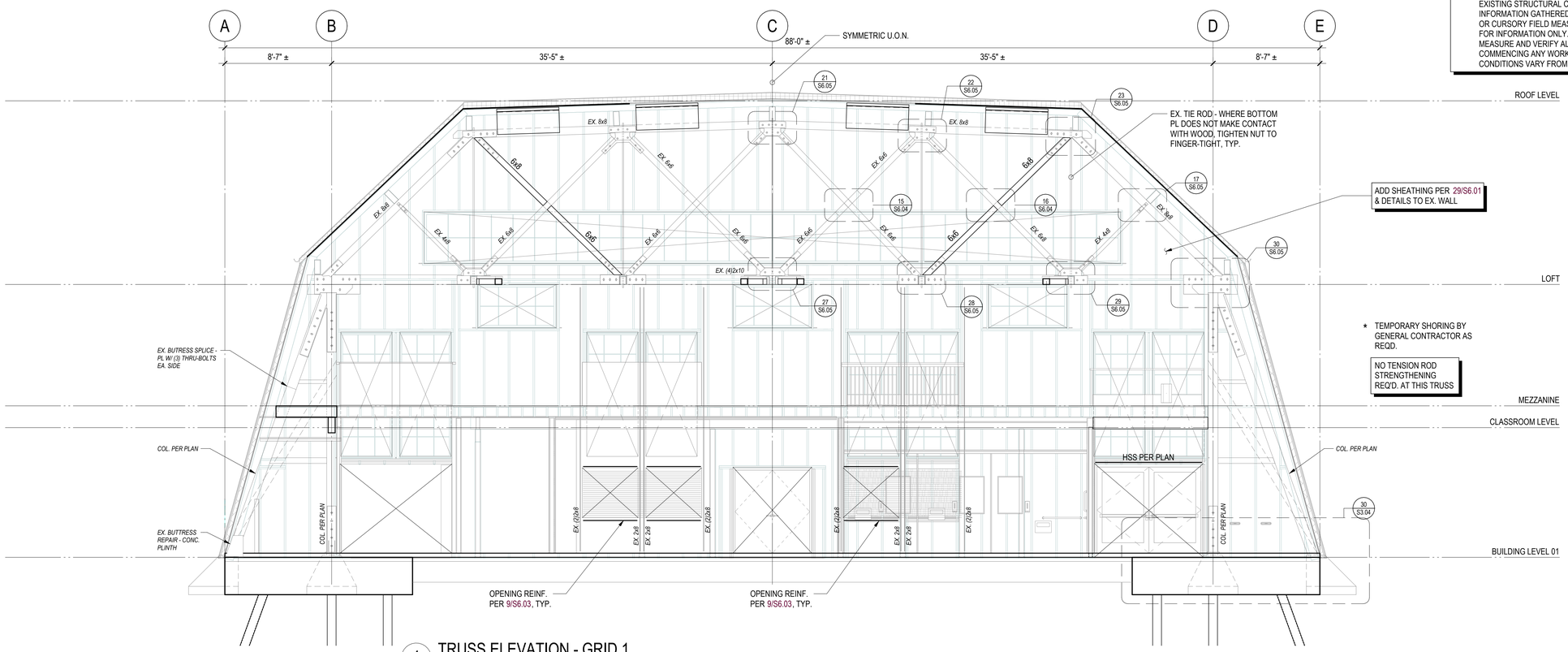
ORIGINAL SHEET SIZE 30" x 42"



1 TRUSS ELEVATION - GRID 1
1/4" = 1'-0"

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CHECK
BRZ

ENGINEER SEAL

BRIAN R. ZACHER — STATE OF WASHINGTON — 23409 — PROFESSIONAL ENGINEER — 04/30/25

SEATTLE DCI / OPCD APPROVAL STAMP

TITLE
TRUSS ELEVATIONS

PROJECT NO.
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S6.13
GMP SET

ORIGINAL SHEET SIZE 30" x 42"

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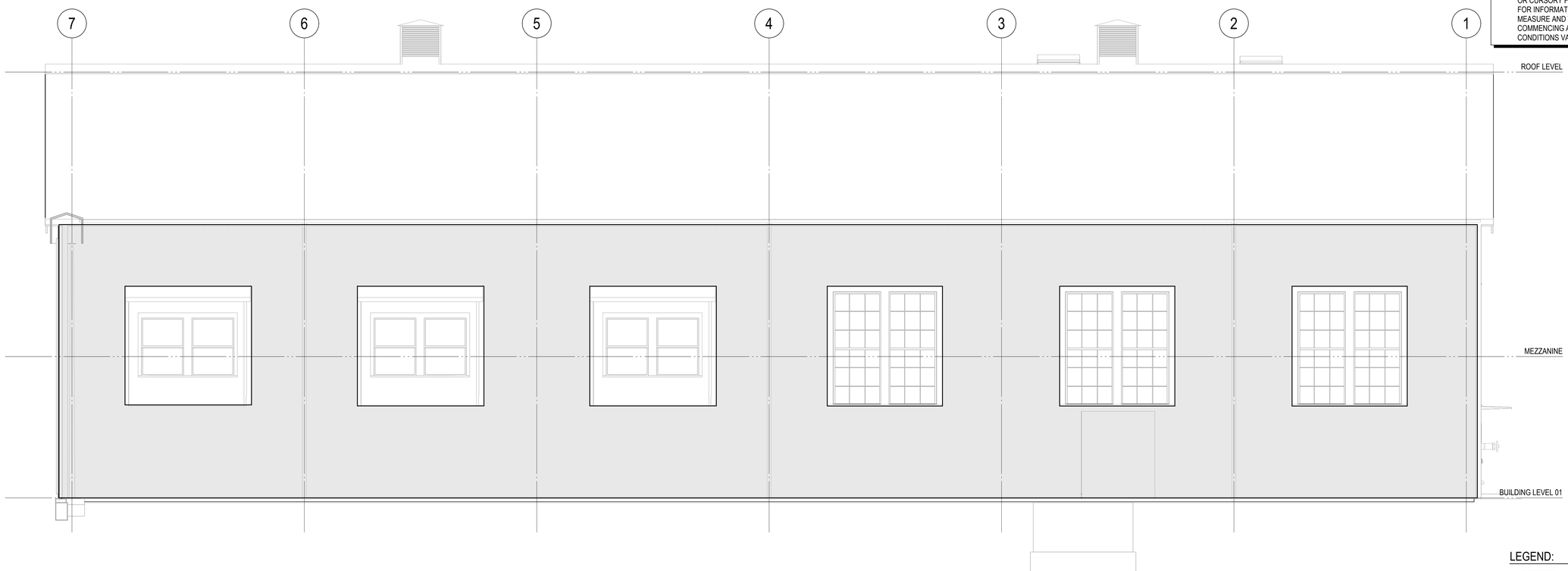
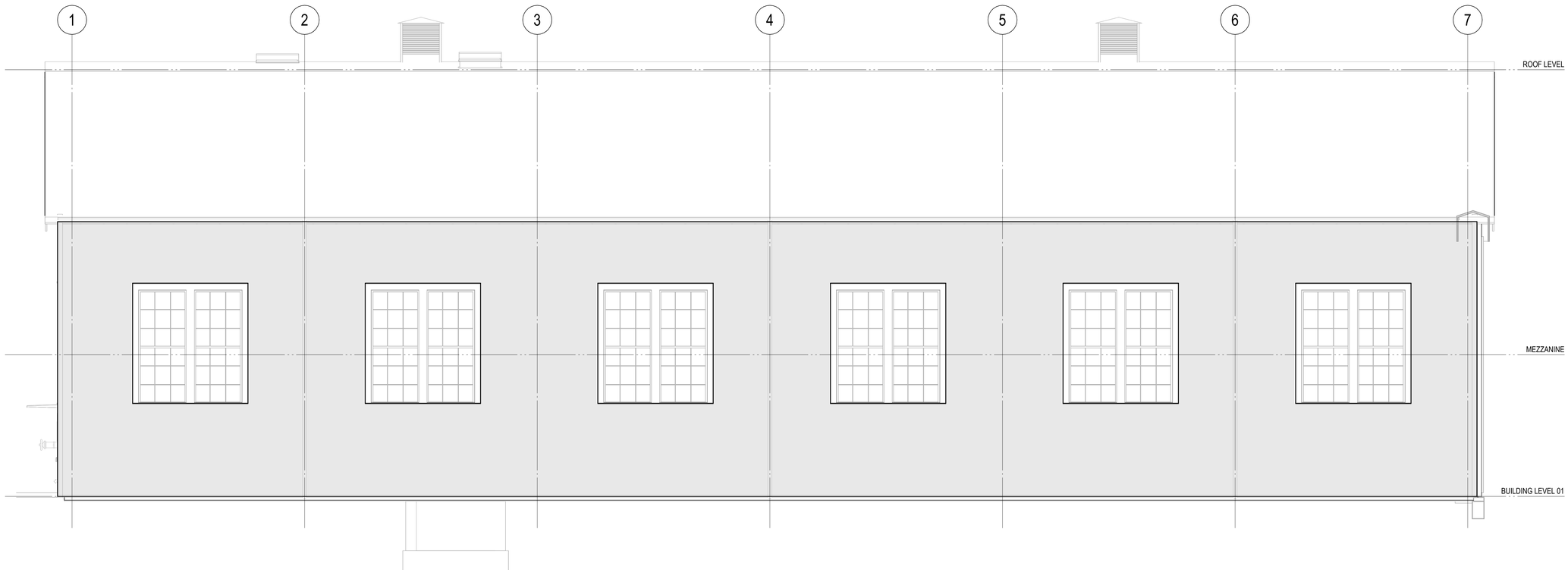


1 EL-E
1/4" = 1'-0"

LEGEND:

PLYWOOD SHEATHING & CONN. PER 29/S6.01



2 EL-A
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KLM
PROJECT TEAM MEMBERS

CHECK
BRZ

ENGINEER SEAL

BRIAN R. ZACKEY
STATE OF WASHINGTON
53469
REGISTERED PROFESSIONAL ENGINEER
04/30/25

SEATTLE DCI / OPCD APPROVAL STAMP

TITLE
EXTERIOR ELEVATIONS

PROJECT NO.
S23219 / UW 206756
DATE
APRIL 30, 2025

SHEET NUMBER
S6.14
GMP SET

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Adobe Docs (707218) - AUW Shell House Renovation/SD/M Shell House_MD1.rvt

GENERAL LEGEND

SYMBOL	DESCRIPTION
1	NOTE CALLOUT
M1.01 / 1	DETAIL CALLOUT - NUMBER ON TOP DENOTES DETAIL NUMBER - NUMBER ON BOTTOM DENOTES SHEET DETAIL IS SHOWN
M1.01 / 1	MECHANICAL EQUIPMENT CALLOUT, SEE MECHANICAL PLANS FOR EXACT LOCATION AND REQUIREMENTS
M1.01 / 1	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	NEW LINEWORK
	EXISTING LINEWORK
	DEMOLITION LINEWORK
	DIRECTION OF FLOW
10'Ø CD-1 100 CFM	DIFFUSER LABEL - NECK SIZE AND DIFFUSER TYPE - CUBIC FEET PER MINUTE

DUCTWORK LEGEND

SYMBOL	DESCRIPTION
16"x12"	SHEET METAL DUCT
16"x12"	HIDDEN SHEET METAL DUCT
16"x12" (1"L)	INTERNALLY INSULATED SHEET METAL DUCT CLEAR INSIDE DIMENSION SHOWN, LINER THICKNESS IN PARENTHESIS
	STANDARD BRANCH FOR SUPPLY AND RETURN
	ROUND ELBOW DOWN
	ROUND ELBOW UP
8"	RECTANGULAR TO ROUND TRANSITION
	FLEXIBLE DUCT
FC	FLEX CONNECTION
BDD	BACK DRAFT DAMPER
FD	FIRE DAMPER
FSD	COMBINATION FIRE AND SMOKE DAMPER
M	MOTORIZED DAMPER
	BALANCING DAMPER
	SUPPLY DIFFUSER: 2-WAY/3-WAY/4-WAY
	GRILLE: RETURN/EXHAUST
UP DN	SUPPLY AIR DUCT SECTION
UP DN	RETURN AIR DUCT SECTION
UP DN	EXHAUST AIR DUCT SECTION
UC	UNDERCUT DOOR
TG	TRANSFER GRILLE OR LOUVER
DG	DOOR GRILLE OR LOUVER
	SINGLE DUCT VAV BOX WITH REHEAT COIL
	SINGLE DUCT VAV BOX WITHOUT REHEAT COIL
	FILTER
	HUMIDIFIER DISPERSION GRID
	LOUVER
AD	ACCESS DOOR OR ACCESS PANEL (AP) IN DUCTWORK
1" 2"	STATIC PRESSURE CHANGE TAG
	TURNING VANES (RECTANGULAR)

PIPING LEGEND

SYMBOL	DESCRIPTION
4" CHWR	NEW PIPING (SIZE-SERVICE)
(E) 4" CHWR	EXISTING PIPING (SIZE-SERVICE)
	ELBOW FACING AWAY FROM VIEWER
	ELBOW FACING TOWARD VIEWER
	TEE FACING AWAY FROM VIEWER
	TEE FACING TOWARD VIEWER
	PIPE CAP
	TRANSITION, ASYMMETRIC
	TRANSITION, SYMMETRIC
	EXPANSION JOINT (COMPENSATOR)
	PIPE GUIDE
	PIPE ANCHOR
	UNION, SCREWED
	DRAIN, FUNNEL
	PUMP
	BALL VALVE
	BALL VALVE W/ ACTUATOR
	BUTTERFLY VALVE
	BUTTERFLY VALVE W/ ACTUATOR
	GATE VALVE
	GATE VALVE W/ ACTUATOR
	GLOBE VALVE
	GLOBE VALVE W/ ACTUATOR
	THREE-WAY VALVE
	THREE-WAY VALVE W/ ACTUATOR
	CHECK VALVE, SWING
	CHECK VALVE, SPRING LOADED
	MULTI-PURPOSE VALVE
	FLOW MEASURING AND BALANCING VALVE
	HOSE BIBB VALVE
	LOCK SHIELD MANUAL VALVE
	PLUG VALVE
	PRESSURE REGULATOR
	STRAINER, Y-TYPE
	STRAINER WITH HOSE CONNECTION
	PRESSURE GAUGE WITH SHUTOFF COCK
	PRESSURE GAUGE WITH SNUBBER AND SHUTOFF COCK
	SELF-SEALING PRESSURE AND TEMPERATURE TAP
	THERMOMETER
	THERMOWELL
FM	FLOW METER
FL	FLOW REGULATOR AND FLOW LIMITING VALVE
PSD	PUMP SUCTION DIFFUSER
VB	VACUUM BREAKER
	AIR VENT, AUTOMATIC
	FLEXIBLE CONNECTION
	COMBINATION FLEX-VANE STRAIGHTENER
	SAFETY OR RELIEF VALVE
T	STEAM TRAP
S	AIR SEPARATOR

CONTROL LEGEND

SYMBOLS	DESCRIPTION
XX	DDC PHYSICAL POINT
XX	SENSOR
XX	SWITCH
COMM	COMMUNICATION GATEWAY CONNECTION TO DDC
ECM	ELECTRONICALLY COMMUTATED MOTOR
VFD	VARIABLE FREQUENCY DRIVE
	ELECTRONIC 3-WAY VALVE
	ELECTRONIC 2-WAY VALVE
	ELECTRONIC BUTTERFLY VALVE
	DAMPER WITH ACTUATOR, OPPOSED BLADE
	DAMPER WITH ACTUATOR, PARALLEL BLADE
C C	COOLING COIL
H C	HEATING COIL
	AIR FILTER BANK
TS	AVERAGING AIR TEMPERATURE SENSOR
	FIELD CONTROL WIRING
	FIELD POWER WIRING

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
(E)	EXISTING
AAV	AUTOMATIC AIR VENT
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
BD	BLOWDOWN
BDD	BACK DRAFT DAMPER
BFC	BELOW FINISHED CEILING
BFP	BACK FLOW PREVENTER
BHP	BREAK HORSEPOWER
BLDG	BUILDING
BOB	BOTTOM OF BEAM
BOP	BOTTOM OF PIPE
BTU	BRITISH THERMAL UNIT
C02	CARBON DIOXIDE
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CI	CAST IRON
CL	CENTER LINE
CP	CONDENSATE PUMP
CT	COOLING TOWER
CU	CONDENSING UNIT
CV	CONSTANT VOLUME BOX
CWFR	CONDENSER WATER FILTER RETURN
CWFS	CONDENSER WATER FILTER SUPPLY
CWR	CONDENSER WATER RETURN
CWS	CONDENSER WATER SUPPLY
DB	DRY BULB
DEG	DEGREES
DIA	DIAMETER
DL	DOOR LOUVER
DN	DOWN
DX	DIRECT EXPANSION
EA	EACH
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EFF	EFFICIENCY
EL	ELEVATION
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FD	FIRE DAMPER
FG	FILTER GRILLE
FLA	FULL LOAD AMPS
FLR	FLOOR
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FSD	FIRE SMOKE DAMPER
FT	FEET OR FOOT
FX	FLEXIBLE CONNECTION
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
HB	HOSE BIBB
HD	HEAD
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HP	HORSEPOWER
HT	HEIGHT
HZ	HERTZ
ID	INSIDE DIAMETER
IN	INCHES
KW	KILOWATTS
LAT	LEAVING AIR TEMPERATURE
LBS	POUNDS
LF	LINEAR FEET
LWT	LEAVING WATER TEMPERATURE
MAX	MAXIMUM
MBH	THOUSAND BTU PER HOUR
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPS
MH	MANHOLE
MIN	MINIMUM
MOCP	MAXIMUM OVERLOAD CIRCUIT PROTECTION
NFA	NET FREE AREA
NIC	NOT IN CONTRACT
NPSHR	NET POSITIVE SUCTION HEAD REQUIRED
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OBD	OPPOSED BLADE DAMPER
OC	ON CENTER
OCC	OCCUPANCY
OD	OUTSIDE DIAMETER
PD	PRESSURE DROP
PERF	PERFORATED
PH	PHASE
POD	POINT OF DISCONNECT
PR	PRESSURE RELIEF
PRV	PRESSURE REDUCING VALVE
PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLYVINYL CHLORIDE
RA	RETURN AIR
RF	RETURN FAN
RLA	RATED LOAD AMPS
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SF	SUPPLY FAN
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STD	STANDARD
TAD	TRANSFER AIR DUCT
TDH	TOTAL DYNAMIC HEAD
TEFC	TOTALLY ENCLOSED FAN COOLED
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UC	UNDERCUT
V	VOLTS
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
VTR	VENT THRU ROOF
W/	WITH
W/O	WITHOUT
WB	WET BULB
WC	WATER COLUMN
WG	WATER GAUGE
WPD	WATER PRESSURE DROP
WT	WEIGHT
°F	DEGREES FAHRENHEIT

IN THE EVENT ABBREVIATIONS NOT MENTIONED HEREIN ARE USED, REFERENCE WILL BE MADE TO ANSI Y1.1, MILITARY STANDARD ABBREVIATIONS AND OTHER STANDARD INDUSTRY CONVENTIONS.

CONTROL ABBREVIATIONS

ABBREVIATION	DESCRIPTION
A	ALARM
AFMS	AIRFLOW MONITORING STATIONS
AI	ANALOG INPUT
AO	ANALOG OUTPUT
CS	CURRENT SWITCH
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
DP	DIFFERENTIAL PRESSURE
FM	FLOW METER
FS	FLOW SWITCH
HOA	HANDS-OFF-AUTO
KW	KILOWATTS
LA	LEVEL ALARM
MOD	MOTOR OPERATED DAMPER
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
PS	PRESSURE SWITCH
PT	PRESSURE TRANSMITTER
RH	RELATIVE HUMIDITY
S	STATUS
SC	SPEED CONTROL
SI	SPEED INDICATOR
SP	SETPOINT
SS	START/STOP
T	TEMPERATURE
TI	TEMPERATURE INDICATOR
VA	DAMPER/VALVE ACTUATOR
VP	VELOCITY PRESSURE
VSH	VIBRATION SWITCH
ZC	CLOSED END SWITCH
ZI	POSITION INDICATOR
ZO	OPEN END SWITCH

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GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH UW FACILITIES MECHANICAL DESIGN STANDARDS (JULY 2021 EDITION), THE 2021 EDITIONS OF THE SEATTLE BUILDING CODE, SEATTLE MECHANICAL CODE, SEATTLE PLUMBING CODE, SEATTLE ENERGY CODE, AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN, YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
3. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DRAWINGS AND SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
4. CARE SHALL BE EXERCISED TO MINIMIZE ANY INCONVENIENCE OR DISTURBANCE TO OTHER AREAS OF THE BUILDING WHICH ARE TO REMAIN IN OPERATION. ISOLATE WORK AREAS TO KEEP DUST AND DIRT WITHIN THE CONSTRUCTION AREA.
5. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE OWNER TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE OWNER INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
6. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS. THIS CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE SITE MAKING FIELD MEASUREMENTS AND SHOP DRAWINGS NECESSARY FOR FABRICATION OR ERECTION OF HVAC SYSTEMS. MAKE ALLOWANCE FOR BEAMS, PIPES AND OTHER OBSTRUCTIONS IN BUILDING CONSTRUCTION. CHECK DRAWINGS SHOWING WORK OF OTHER TRADES AND CONSULT WITH THE OWNER'S REPRESENTATIVE IN THE EVENT OF POTENTIAL INTERFERENCE. SHOP DRAWINGS SHALL BE MINIMUM 1/4" = 1'-0" SCALE, INDICATING FITTINGS, SIZES, WELDS AND CONFIGURATIONS AND SUBMITTED TO ENGINEER FOR REVIEW.
7. THIS CONTRACTOR SHALL COORDINATE THEIR WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
8. EXISTING MATERIALS THAT ARE REMOVED SHALL NOT BE REUSED IN NEW SYSTEMS, EXCEPT WHERE INDICATED AS BEING RELOCATED.
9. ALL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURERS WRITTEN INSTRUCTIONS.
10. THIS CONTRACTOR SHALL NOT BORE, NOTCH, CUT, OR PENETRATE INTO A STRUCTURAL MEMBER WITHOUT WRITTEN APPROVAL FROM A DESIGNATED STRUCTURAL ENGINEER AND THE OWNER. THE CONTRACTOR SHALL NOT DRILL INTO TRUSSES. THE SIZE AND LOCATION REQUIREMENTS OF DRILLING STUDS IS PER STRUCTURAL. ANY VARIANCE FROM THE DRAWINGS SHALL BE REVIEWED WITH STRUCTURAL PRIOR TO ON SITE DRILLING.
11. ALL PIPE ELBOWS SHALL BE LONG RADIUS UNLESS OTHERWISE SPECIFICALLY NOTED ON THE DRAWINGS.
12. INSTALL MANUAL VOLUME DAMPERS WITHIN DUCT BRANCHES TO BALANCE AIRFLOW CFM. ON INSULATED DUCTS, MOUNT DAMPER REGULATOR ON 2" STAND-OFF BRACKET TO CLEAR INSULATION.
13. MATERIALS EXPOSED WITHIN DUCTS OR PLENUMS SHALL NONCOMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX NOT TO EXCEED 25 AND A SMOKE-DEVELOPED INDEX NOT TO EXCEED 50, WHERE TESTED AS AS A COMPOSITE PRODUCT IN ACCORDANCE WITH ASTM E84 OR UL 723. PLASTIC PIPING INSTALLED IN PLENUMS SHALL BE TESTED IN ACCORDANCE WITH ALL REQUIREMENTS OF ASTM E84 OR UL 723. MOUNTING METHODS, SUPPORTS AND SAMPLE SIZES OF MATERIALS FOR TESTING THAT ARE NOT SPECIFIED IN ASTM E84 OR UL 723 SHALL BE PROHIBITED.
14. COORDINATE ACCESS TO EQUIPMENT WITH WORK OF OTHER TRADES. PROVIDE DUCT ACCESS DOORS AND CEILING ACCESS DOORS TO ALLOW ACCESS FOR FILTER CHANGEOUT, CONTROLS ACCESS AND ACCESS TO SERVICE/REMOVE COMPONENTS INCLUDING, BUT NOT LIMITED TO, FANS, PULLEYS, SHEAVES, BELTS, ETC.
15. PROJECT SCOPE OF WORK: THIS PROJECT INVOLVES THE RENOVATION OF AN EXISTING SINGLE STORY, ASSEMBLY OCCUPANCY BUILDING. REVISIONS INCLUDE ADDING HEATING, COOLING AND VENTILATION TO THE BUILDING.

SHEET INDEX

SHEET	DESCRIPTION
M0.01	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
M0.02	MECHANICAL NOTES
M0.03	ACOUSTIC REPORT
M2.21	MECHANICAL PLANS- LEVEL 01
M2.22	MECHANICAL PLANS- MEZZANINE
M2.23	MECHANICAL PLANS- ROOF
M3.11	MECHANICAL SECTIONS & ISOMETRICS
M3.12	MECHANICAL SECTIONS & ISOMETRICS
M3.13	MECHANICAL SECTIONS & ISOMETRICS
M4.11	ENLARGED MECHANICAL PLAN
M5.01	MECHANICAL DETAILS
M5.02	MECHANICAL DETAILS
M6.01	MECHANICAL SCHEDULES
M8.01	MECHANICAL CONTROLS
M8.02	MECHANICAL CONTROLS

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P2S INC
Address: 1201 3rd Ave #3000, Seattle WA 98101
Phone: 206.448.1611
Project Manager: Peter Soane, PE
P2S Project # 21.0

Auburn Mechanical
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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROGER PETER QUALE — STATE OF WASHINGTON — 48200 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS

PROJECT ARCHITECT

PROJECT DESIGNER
PS

PROJECT TEAM MEMBERS
KK

CHECK
DS

TITLE
GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX

PROJECT NO
23J27300 / UW 206756

DATE
4/30/2025

SHEET NUMBER
M0.01

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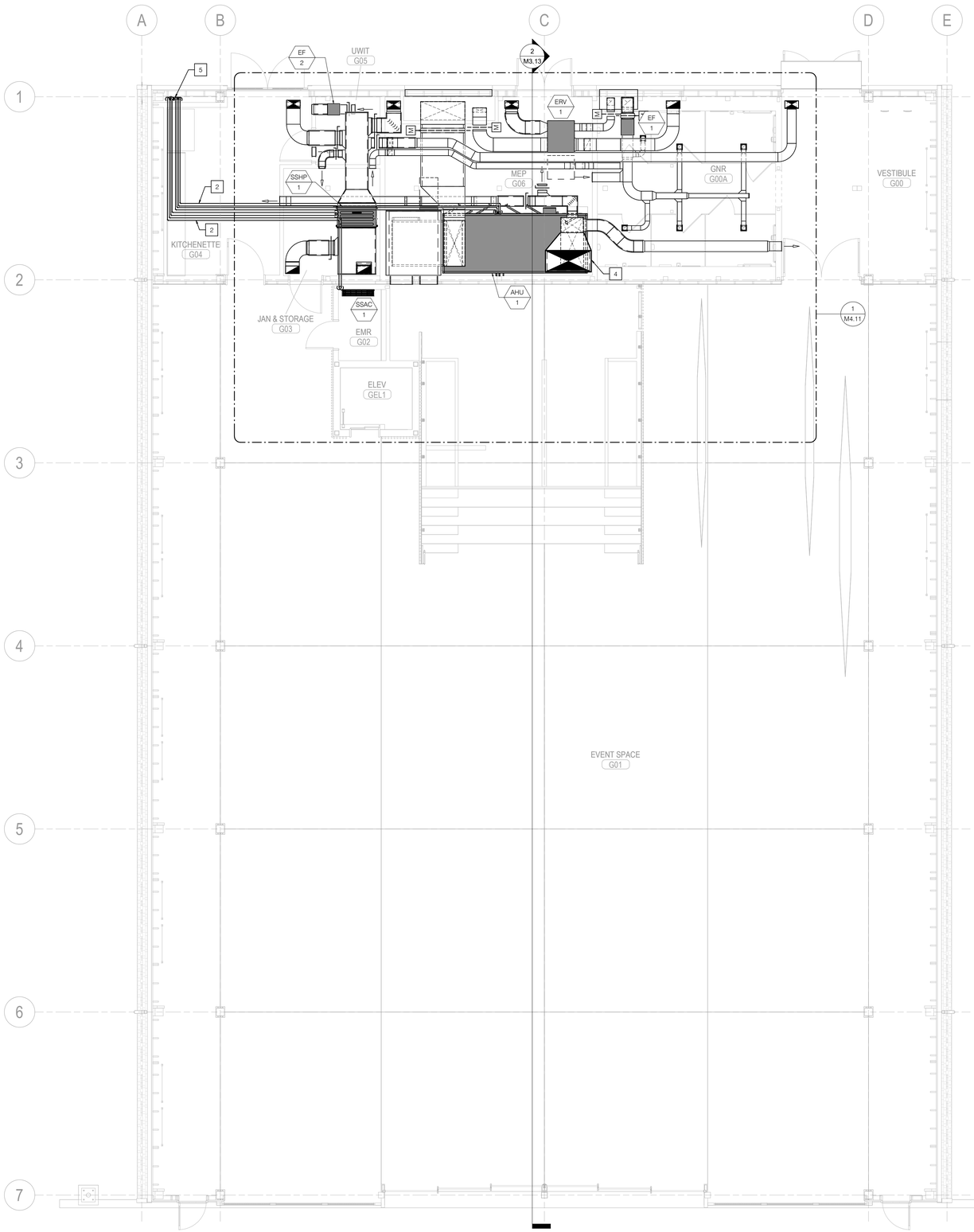


2 MECHANICAL GROUND FLOOR

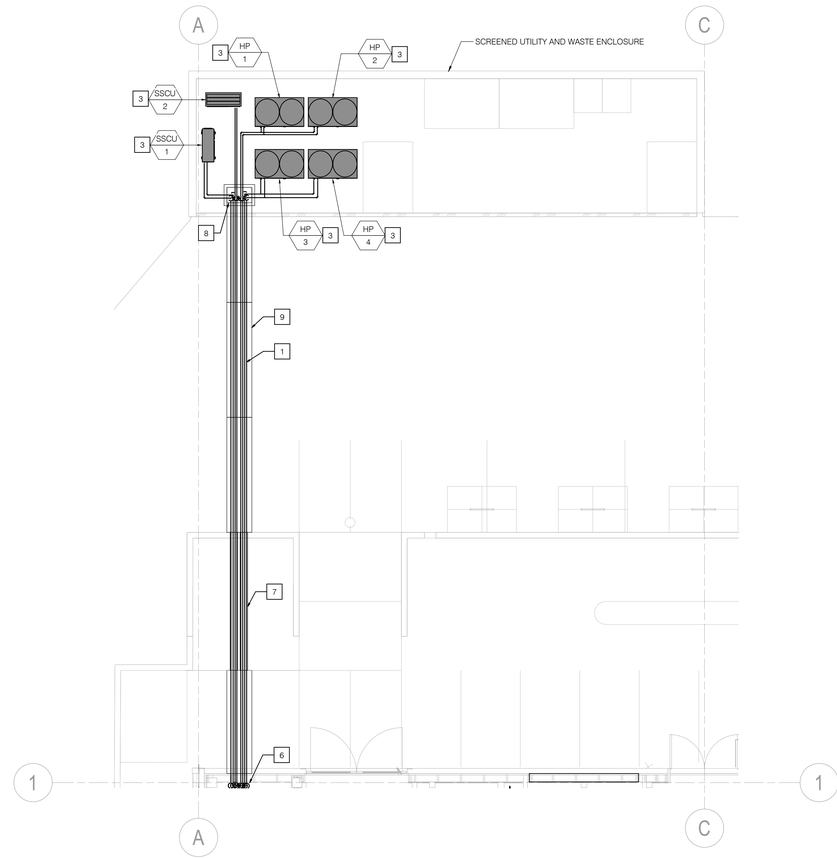
SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. PROVIDE FLEXIBLE CONNECTIONS (PIPING, CONDUIT, ETC.) TO OUTDOOR HEAT PUMPS "HP-X" AND CONDENSING UNITS "SSCU-X".

SHEET KEYNOTES:

1. FURNISH AND INSTALL REFRIGERANT LIQUID AND SUCTION PIPING IN UTILIDOR. PROVIDE METAL JACKET OR PVC JACKET OVER PIPE INSULATION. FOR PIPE SIZES, REFER TO EQUIPMENT SCHEDULE. FOR PIPE INSULATION, REFER TO TABLE ON SHEET M0.02.
2. REFRIGERANT PIPING. FOR PIPE SIZES, REFER TO EQUIPMENT SCHEDULES.
3. REFERENCE DETAIL 6/M5.01 FOR MOUNTING. MOUNT OUTDOOR UNIT ON NEOPRENE VIBRATION ISOLATION PADS. SUPPORT UNIT MINIMUM 8" ABOVE GRADE.
4. REFERENCE SHEET M2.22 FOR CONTINUATION.
5. REFERENCE 1/M2.21 FOR CONTINUATION.
6. REFERENCE 2/M2.21 FOR CONTINUATION.
7. ROUTE REFRIGERANT PIPING IN TWO 8" DIAMETER SLEEVES THROUGH PLANTER.
8. ROUTE REFRIGERANT PIPING UP IN PIPE CHASE HOUSING. REFERENCE DETAIL 1/M5.02.
9. PROVIDE MECHANICAL UTILIDOR ("OLDCASTLE PRECAST 2110 TRENCH 2x1'). CUT SECTIONS TO FIT AS NEEDED.



1 MECHANICAL OUTDOOR ENCLOSURE

SCALE: 3/16" = 1'-0"

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P2S Project # 24-0001

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ASUW SHELL HOUSE RENOVATION

LOCATION
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PREPARED FOR
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PHSKC STAMP

ROBERT PETER SOANE — STATE OF WASHINGTON — 48200 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

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PROJECT ARCHITECT

PROJECT DESIGNER
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PROJECT TEAM MEMBERS
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TITLE
MECHANICAL PLANS- LEVEL 01

PROJECT NO.
2327300 / UW 206756
DATE
4/30/2025

SHEET NUMBER
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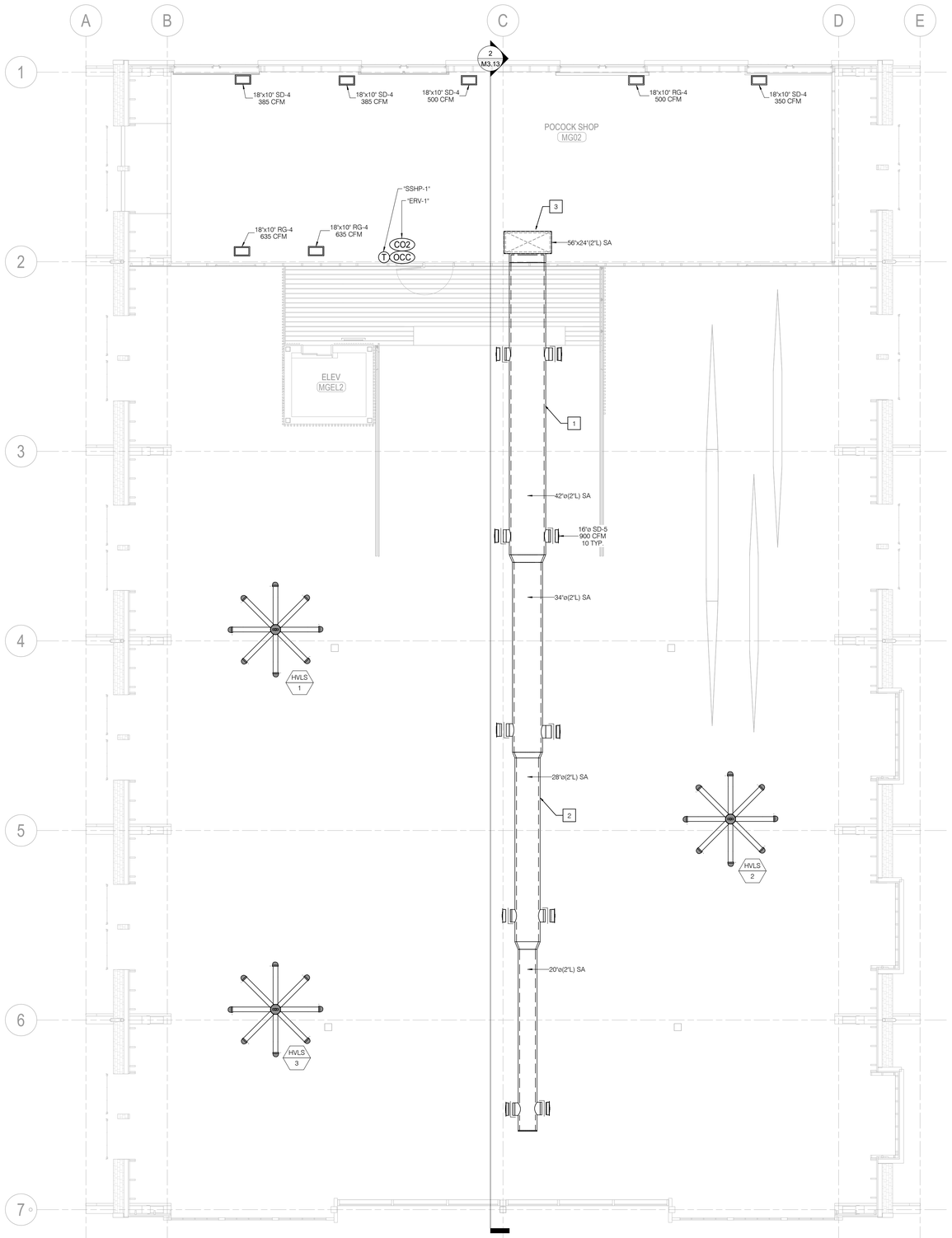

1 MECHANICAL MEZZANINE

SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. MOUNT SENSORS (THERMOSTATS, OCC SENSORS, CO2 SENSORS) WITH TOP OF BOX 4'-0"AFF. ADJACENT TO LIGHT SWITCH (COORDINATE EXACT LOCATION WITH ARCHITECTURAL).

SHEET KEYNOTES:

1 PROVIDE 2" THICK INTERNAL FIBERGLASS DUCT LINER AS INDICATED.

2 LOCATION OF DUCT STATIC PRESSURE SENSOR.

3 PROVIDE TURNING VANES AT TOP OF VERTICAL 56"x24" SA DUCT. REFERENCE SHEET 1/M4.11 FOR CONTINUATION.

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PROJECT DESIGNER
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TITLE
MECHANICAL PLANS-MEZZANINE

PROJECT NO
2327300 / UW 206756
DATE
4/30/2025

SHEET NUMBER
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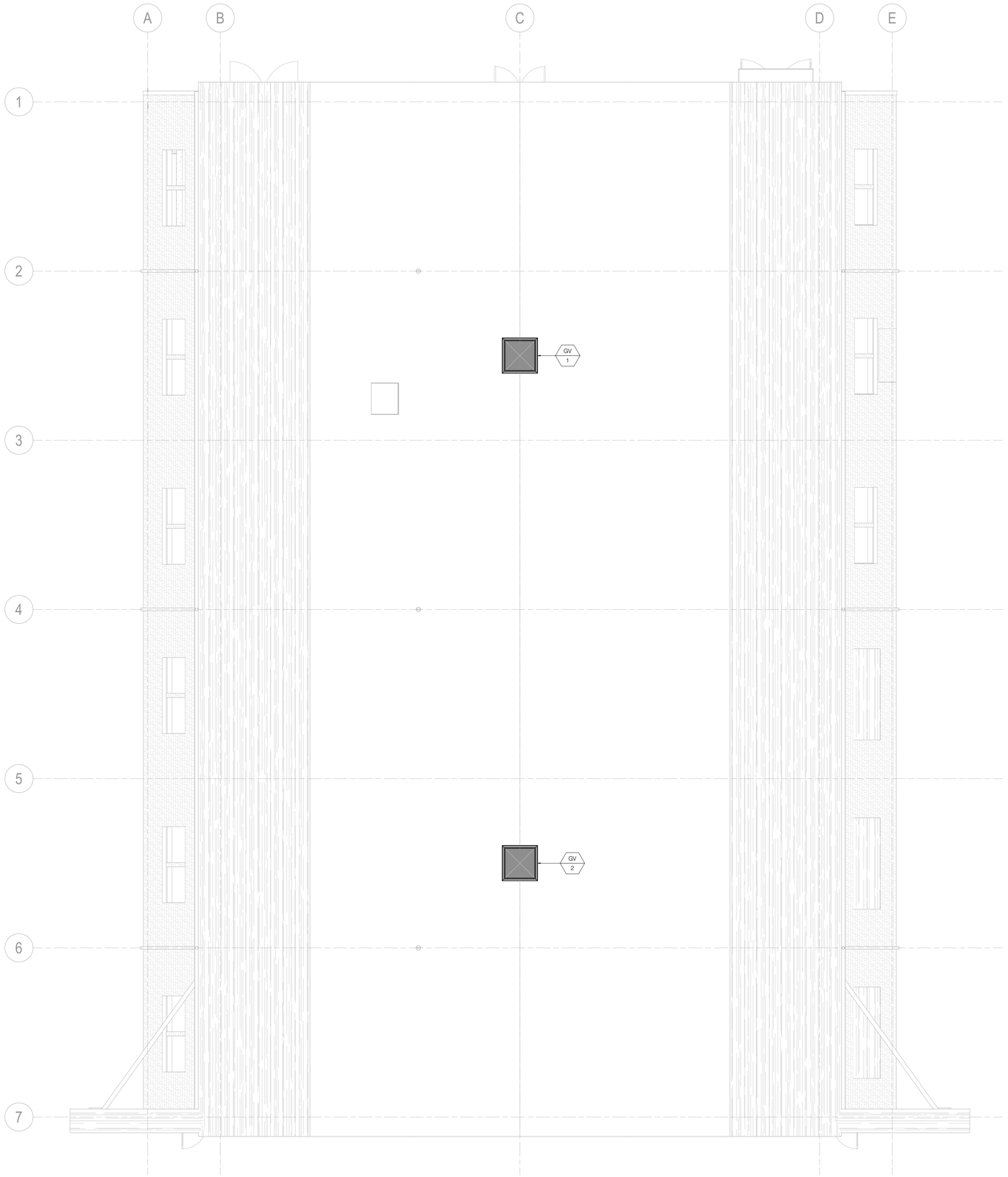

1 MECHANICAL ROOF
SCALE: 3/16" = 1'-0"

GENERAL NOTE

1. ROOF COVERAGE CALCULATION: 34.72 sq ft / 6184.77 sq ft * 100 = 0.56%

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P2S Project # 25-0

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ASUW SHELL HOUSE RENOVATION

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PREPARED FOR
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MECHANICAL PLANS-ROOF

PROJECT NO
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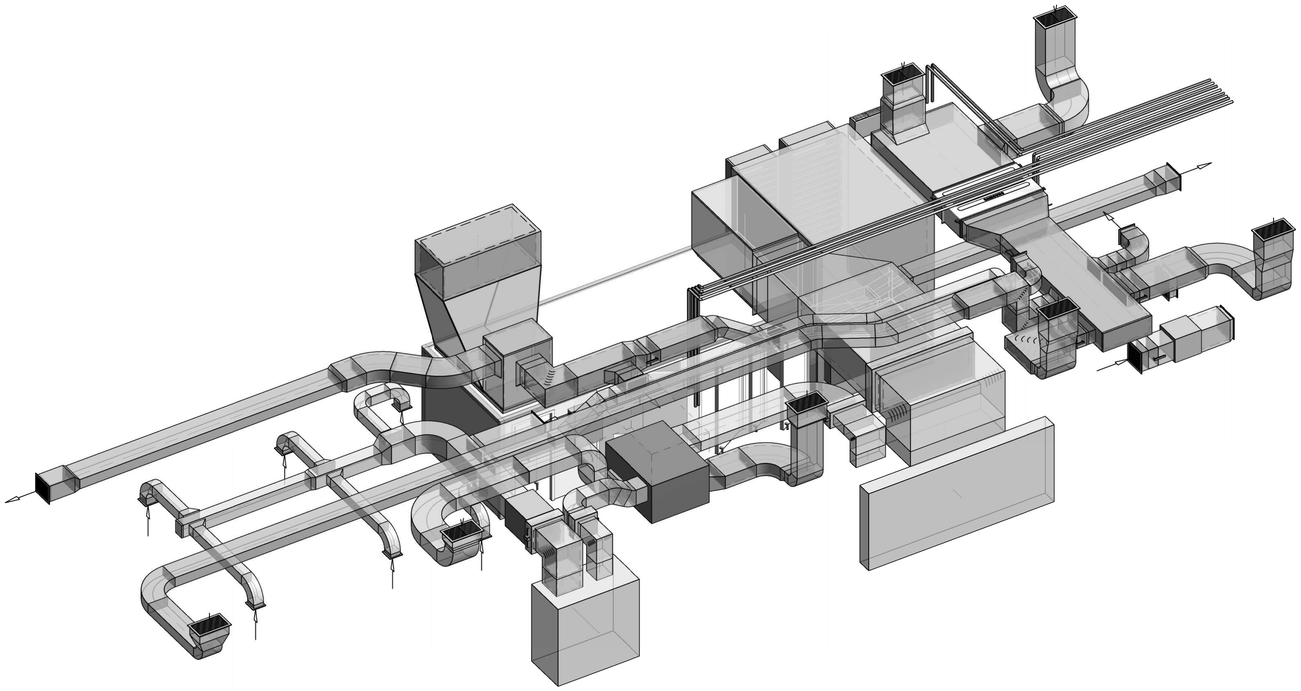
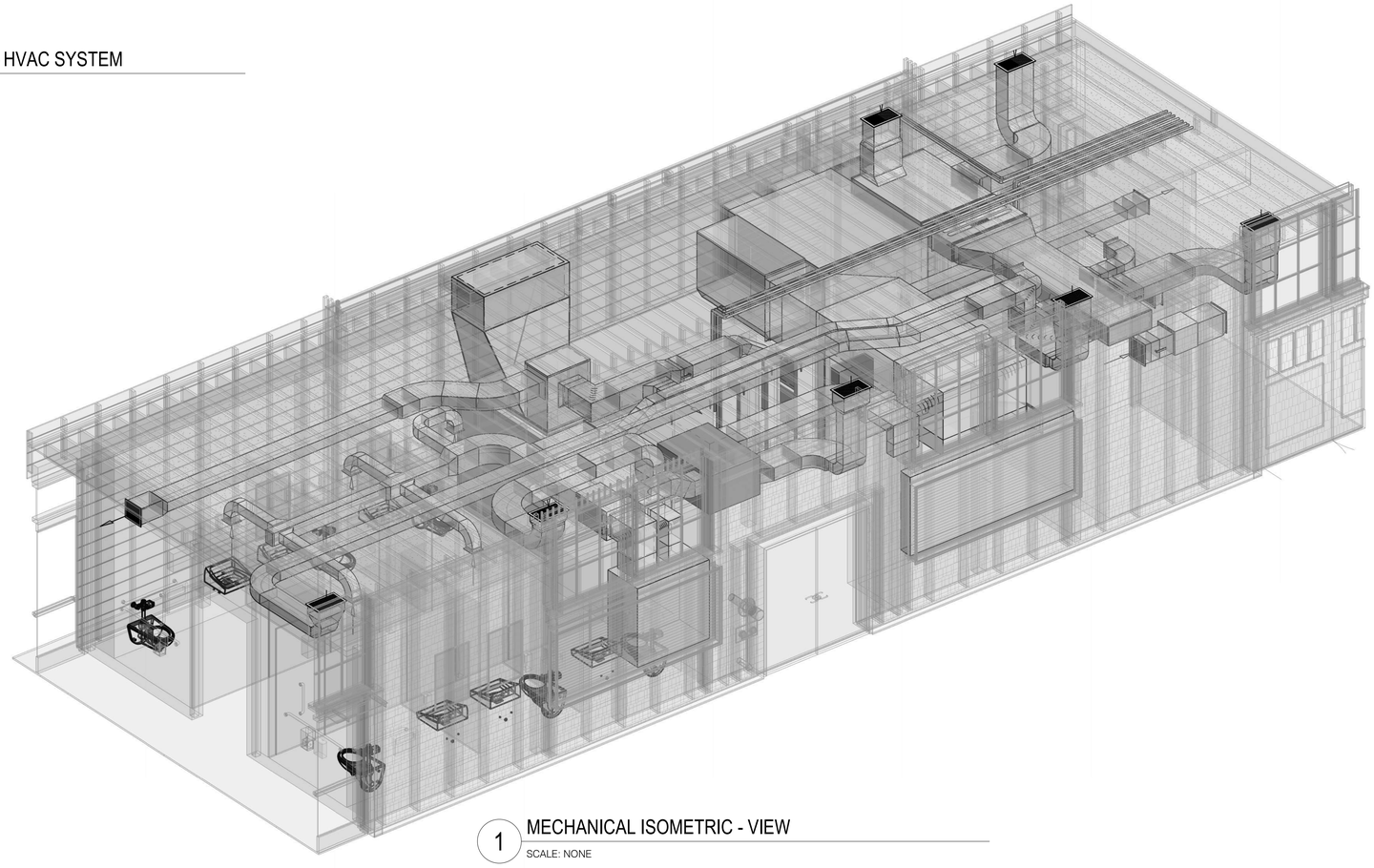


2 MECHANICAL ISOMETRIC - HVAC SYSTEM

SCALE: NONE



1 MECHANICAL ISOMETRIC - VIEW

SCALE: NONE

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ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

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ROBERT PETER SLOANE
STATE OF WASHINGTON
48309
REGISTERED PROFESSIONAL ENGINEER
4/30/2025

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PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
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DS

TITLE
MECHANICAL SECTIONS & ISOMETRICS

PROJECT NO
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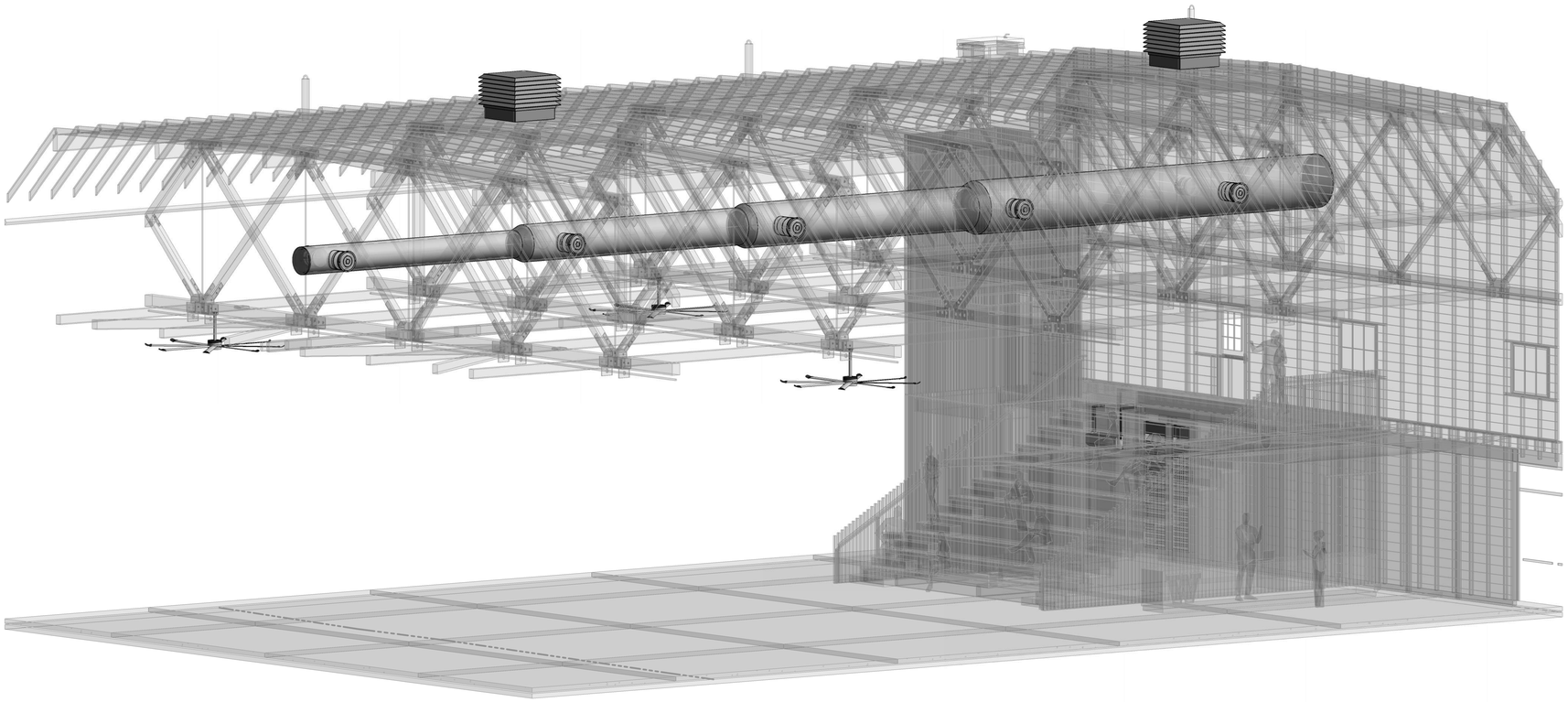

1 MECHANICAL ISOMETRIC - HANGAR SPACE

SCALE: NONE

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ROBERT PETER QUALE — STATE OF WASHINGTON — 48309 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

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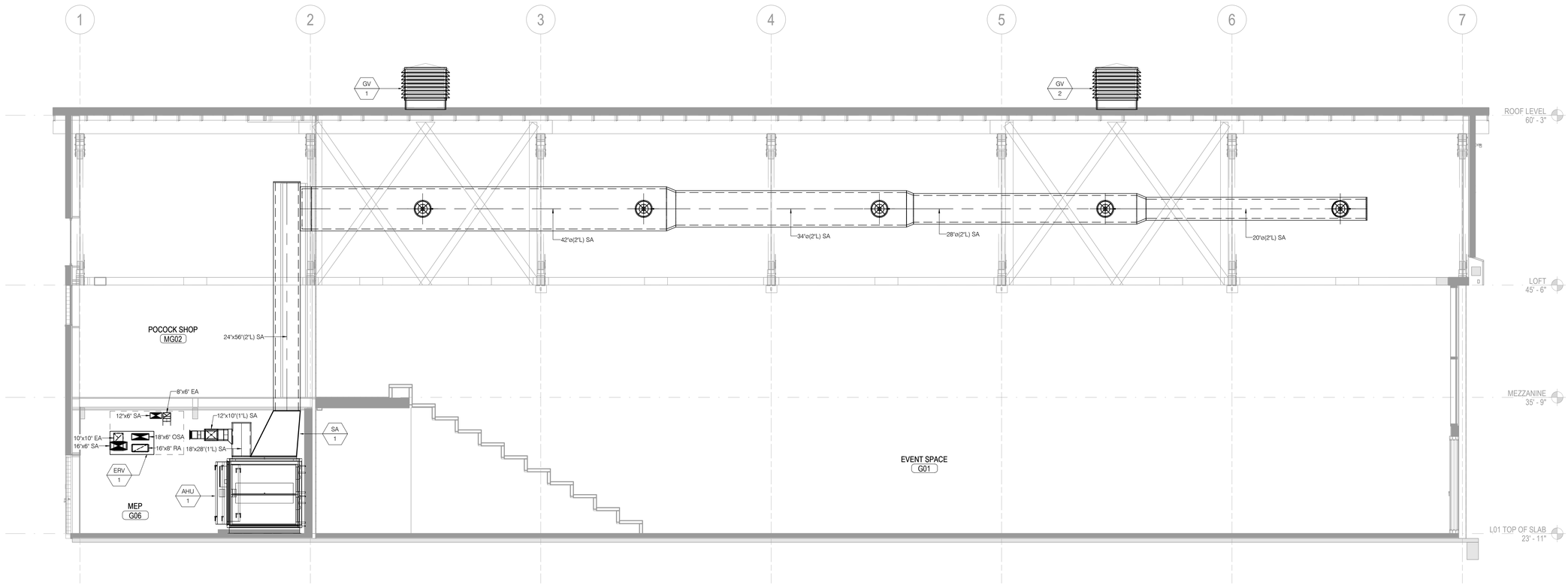
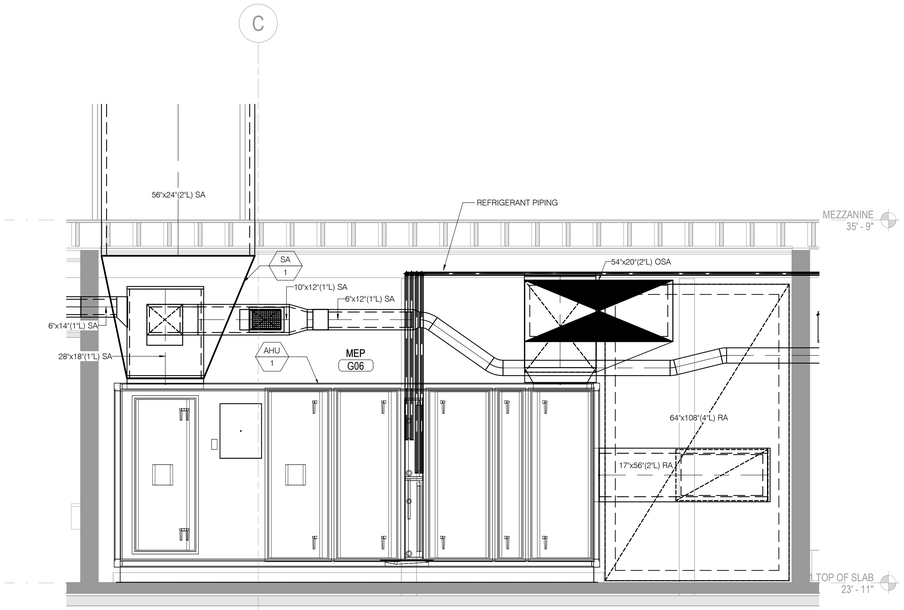


2 MECHANICAL SECTION - BUILDING NORTH-SOUTH

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



1 MECHANICAL SECTION - AHU

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

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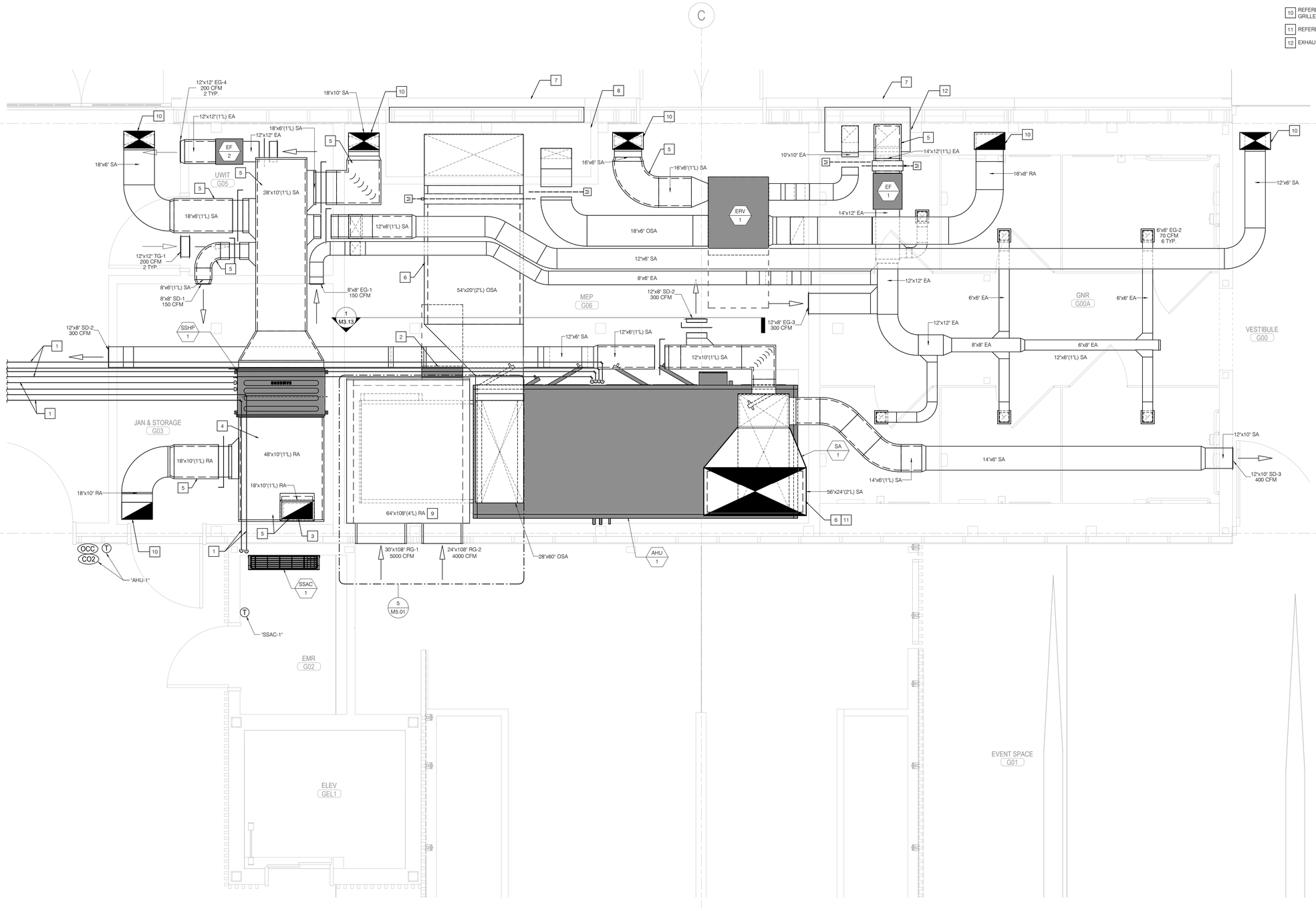
GENERAL NOTES:

1. MOUNT SENSORS (THERMOSTATS, OCC SENSORS, CO2 SENSORS) WITH TOP OF BOX 4'-0"AFF, ADJACENT TO LIGHT SWITCH (COORDINATE EXACT LOCATION WITH ARCHITECTURAL).
2. PROVIDE FLEXIBLE CONNECTIONS (PIPING, DUCTWORK, CONDUIT, ETC.) TO INDOOR AIR HANDLER "AHU-1". EXHAUST FAN "EF-1", DOAS UNIT "ERV-1", AND FAN COIL "SSHP-1".
3. MOUNT EXHAUST FAN "EF-1", DOAS UNIT "ERV-1", AND FAN COIL "SSHP-1" FROM STRUCTURE WITH NEOPRENE VIBRATION ISOLATORS. SEE DETAIL 1/M5.01.

SHEET KEYNOTES:

1. REFRIGERANT PIPING. FOR PIPE SIZES, REFER TO EQUIPMENT SCHEDULES.
2. PROVIDE DDC PANEL (120V/1PH POWER). MOUNT ON RETURN PLENUM BOX.
3. REFERENCE 1/M2.22 FOR CONTINUATION. DUCT UP TO GRILLE IN MEZZANINE FLOOR. PROVIDE OPPOSED BLADE DAMPER IN DUCT RISE.
4. FAN COIL RETURN AIR FILTER BOX.
5. PROVIDE 1" THICK INTERNAL FIBERGLASS DUCT LINER AS INDICATED.
6. PROVIDE 2" THICK INTERNAL FIBERGLASS DUCT LINER AS INDICATED.
7. REFER TO ARCHITECTURAL PLANS FOR LOUVER TYPES AND DETAILS.
8. OUTSIDE AIR PLENUM BOX. REFER TO ARCHITECTURAL PLANS FOR DETAILS.
9. 64"x108" RETURN AIR PLENUM BOX WITH 4" INTERNAL LINING. SEE DETAIL 6/M5.01.
10. REFERENCE 1/M2.22 FOR CONTINUATION. DUCT UP TO GRILLE IN MEZZANINE FLOOR.
11. REFERENCE 1/M2.22 FOR CONTINUATION.
12. EXHAUST AIR PLENUM BOX IN PLUMBING CHASE.



1 MECHANICAL ENLARGED PLAN- LEVEL 01

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

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Project Manager: Peter Soane, PE
P2S Project # 23-0001

Auburn Mechanical
When performance counts!

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER SOANE — STATE OF WASHINGTON — 48308 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
CHECK
DS

TITLE
ENLARGED MECHANICAL PLAN

PROJECT NO
2327300 / UW 206756
DATE
4/30/2025

SHEET NUMBER
M4.11
GMP SET

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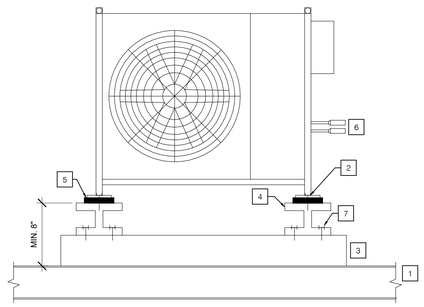
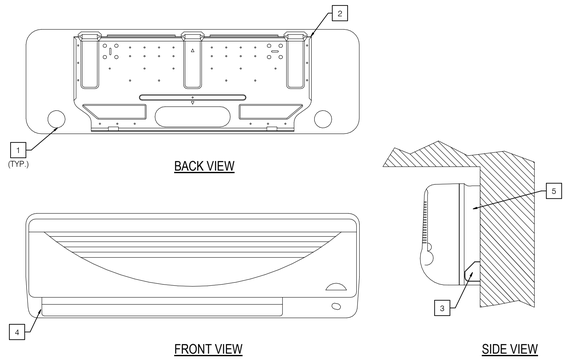


NOTES

1. 4" HIGH OUTDOOR ENCLOSURE CONCRETE PAD.
2. (2) 3/8" DIA HILTI KB-TZ2 BOLTS EACH SIDE (4 TOTAL) 2" MIN. EMBED (ICC ESR-4266).
3. 4" HIGH CONCRETE EQUIPMENT PAD. SEE STRUCTURAL PLANS FOR DETAIL.
4. STRUCTURAL H BEAM. FURNISHED AND INSTALLED BY MECHANICAL CONTRACTOR.
5. NEOPRENE PAD WITH STEEL BEARING PLATE. VIBREX ICPG-EQ OR ENGINEER APPROVED EQUAL
6. CONNECT REFRIGERANT LINES TO CONDENSING UNIT USING FLEXIBLE REFRIGERANT LINE CONNECTOR.
7. (4) 3/8" DIA HILTI KB-TZ2 BOLTS EACH SIDE (8 TOTAL) 2" MIN. EMBED (ICC ESR-4266).

6 CONDENSING UNIT MOUNTING

SCALE: NONE

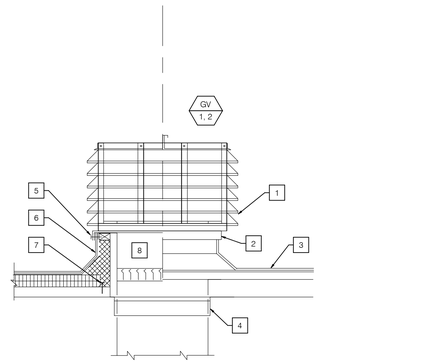


NOTES

1. 2-1/2" DIA. KNOCKOUT PANELS FOR REFRIGERANT, DRAIN, POWER AND SIGNAL LINES.
2. MOUNTING BRACKET. MOUNT TO WOOD STUDS.
3. WALL SLEEVE
4. AUTO AIRSWEEP LOUVER.
5. PROVIDE STUD BACKING FOR ANCHORAGE.

4 WALL MOUNTED FAN COIL

SCALE: NONE

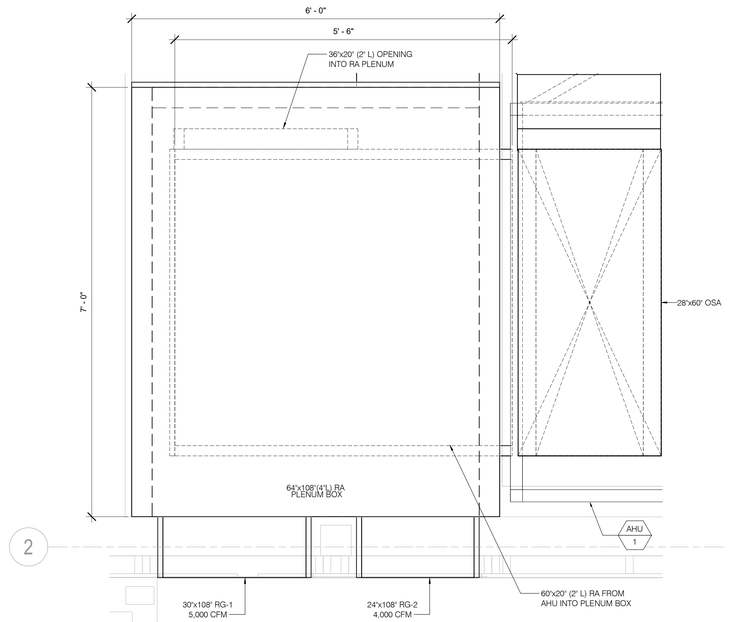


NOTES

1. 1/2" STAINLESS STEEL BIRD SCREEN
2. MIN. 18 GAGE PRE-FAB CURB WITH NAILER AND INSULATION
3. ROOF, SEE ARCHITECTURAL DRAWINGS.
4. 36"x36" ROOF OPENING.
5. SECURE VENT TO CURB WITH (2) #10 SHEET METAL FASTENERS.
6. RUN FLASHING UP UNDER VENT BASE.
7. ANCHOR CURB TO ROOF DECK WITH #10 SHEET METAL SCREWS AT 12" ON CENTER.
8. CLASS 1 MOTORIZED DAMPER

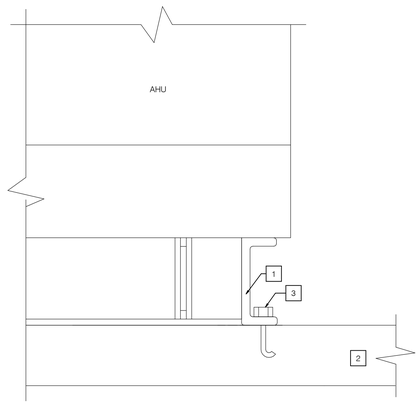
2 GRAVITY VENT MOUNTING - PENTHOUSE TYPE

SCALE: NONE



5 AHU RETURN PLENUM BOX

SCALE: 1" = 1'-0"

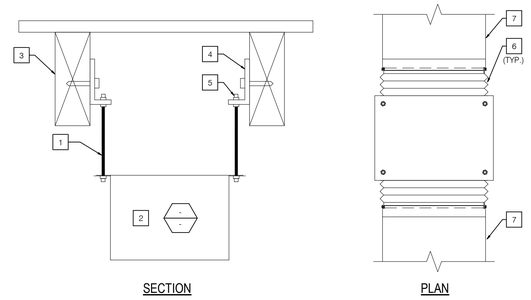


NOTES

1. UNIT BASE CHANNEL PROVIDE BY MANUFACTURER AS PART OF THE AHU.
2. 4" HIGH EQUIPMENT PAD. SEE STRUCTURAL DRAWINGS FOR DETAIL.
3. ANCHOR BOLT

3 AHU MOUNTING

SCALE: NONE



NOTES

1. (4) 3/8" DIA THREADED ROD HANGERS WITH NEOPRENE ISOLATORS.
2. PROVIDE FACTORY CONDENSATE PUMP WITH BUILT-IN CHECK VALVE. SEE PLUMBING FLOOR PLANS FOR CONDENSATE DRAIN PIPING (ONLY APPLIES TO SSHP-1)
3. WOOD BEAM
4. TOLCO FIG. 58 THREADER SIDE BEAM BRACKET
5. 3/8" DIA. MIN. LAG SCREW
6. FLEXIBLE CONNECTION
7. DUCTWORK. SEE FLOOR PLANS FOR SIZE.

1 SUSPENDED EQUIPMENT SUPPORT

SCALE: NONE

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P2S Project # 24-0111

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
CHECK
DS

TITLE
MECHANICAL DETAILS

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2327300 / UW 206756
DATE
4/30/2025

SHEET NUMBER
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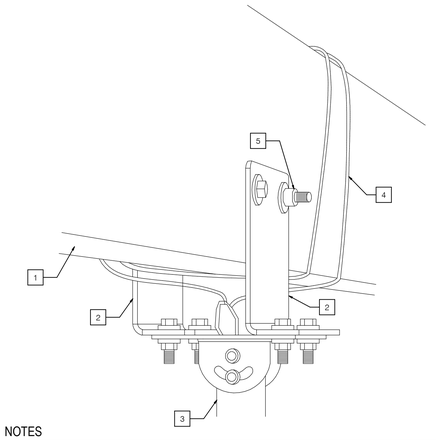
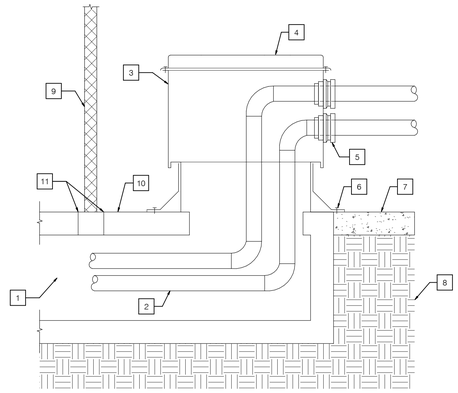


NOTES

1. WOOD BEAM
2. L BRACKET
3. EXTENSION TUBE. ALLOW EXTENSION TUBE TO HANG FREELY AND BALANCE ITSELF, AND THEN TIGHTEN.
4. SAFETY CABLE
5. 1/2-13 OR M12 GR 8 BOLT, WASHER AND NYLOCK NUT.

2 HVLS FAN MOUNTING DETAIL

SCALE: NONE



NOTES

1. UTILIDOR
2. REFRIGERANT PIPING
3. ALUMINUM PIPE CHASE HOUSING
4. REMOVABLE ALUMINUM LID
5. PIPE SEAL
6. FLANGE, FASTEN TO CONCRETE SLAB
7. UTILITY ENCLOSURE CONCRETE PAD
8. UNDISTURBED SOIL OR COMPACTED FILL.
9. UTILITY AND WASTE ENCLOSURE FENCE
10. UTILIDOR TRENCH LID
11. CUT UTILIDOR TRENCH LID TO ENABLE LIFTING OF TRENCH LID PIECES OUTSIDE AND INSIDE OF ENCLOSURE.

1 UTILIDOR PIPE CHASE HOUSING DETAIL

SCALE: NONE

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ROBERT PETER SLOANE — STATE OF WASHINGTON — 48300 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

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PARTNER IN CHARGE

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PROJECT ARCHITECT

PROJECT DESIGNER
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PROJECT TEAM MEMBERS
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LEGEND

SYMBOL	DESCRIPTION
-	NOTE CALLOUT
-	PLUMBING FIXTURE CALLOUT, SEE PLUMBING PLANS FOR EXACT LOCATION AND REQUIREMENTS
- -	EQUIPMENT CALLOUT, SEE PLUMBING PLANS FOR EXACT LOCATION AND REQUIREMENTS
- -	SECTION CALLOUT
	POINT OF CONNECTION
	POINT OF DISCONNECTION
4" CHWR	NEW PIPE (SIZE-SERVICE)
	EXISTING PIPE/EQUIPMENT
	DEMOLISHED PIPE/EQUIPMENT
	SANITARY VENT
	DOMESTIC HOT WATER RETURN
	DOMESTIC HOT WATER SUPPLY
	DOMESTIC COLD WATER
	VALVE AT DROP
	VALVE AT RISE
	ELBOW DOWN
	PIPE TEE UP & DOWN OR ELBOW UP
	PIPE TEE DOWN
	PIPE TEE UP
	BALL VALVE
	BALANCING VALVE
	PRESSURE REDUCING VALVE
	CHECK VALVE, SWING
	STRAINER, Y-TYPE
FM	FLOW METER
	BACKFLOW PREVENTER
	HOSE BIBB
	FLOOR DRAIN
	FLOOR SINK, 1/2 GRATE
	AREA DRAIN / INDUSTRIAL RECEPTOR
	SHUT-OFF VALVE IN YARDBOX
	FLOOR CLEANOUT
	CLEANOUT TO GRADE
	WALL CLEANOUT
	WATER HAMMER ARRESTOR
	TRAP PRIMER

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
@	AT
A/C	ABOVE CEILING
ABV	ABOVE
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFSR	AUTOMATIC FIRE SPRINKLER RISER
B/F	BELOW FLOOR
B/G	BELOW GRADE
BEL	BELOW
BFP	BACKFLOW PREVENTER
BTM	BOTTOM
BV	BALL VALVE
CI	CAST IRON
CIP	CAST IRON PIPE
CLG	CEILING
COTG	CLEAN-OUT TO GRADE
CU	CUBIC
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
DS	DOWNSPOUT
DWG	DRAWING(S)
EQUIP	EQUIPMENT
EWC	ELECTRICAL WATER COOLER
EXIST / (E)	EXISTING
F/A	FROM ABOVE
F/B	FROM BELOW
FCO	FLOOR CLEAN-OUT
FD	FLOOR DRAIN
FF	FINISHED FLOOR
FM	FORCE MAIN
FS	FLOOR SINK
FT	FEET
GPM	GALLONS PER MINUTE
GPR	GAS PRESSURE REGULATOR
H&CW	HOT AND COLD WATER
H/L	HIGH LEVEL
HDR	HEADER
IN	INCHES
L or LAV	LAVATORY
MAX	MAXIMUM
MIN	MINIMUM
MTD	MOUNTED
NTS	NOT TO SCALE
OS & Y	OPEN SCREW AND YOKE
POC	POINT OF CONNECTION
POD	POINT OF DISCONNECTION
PSI	POUNDS PER SQUARE INCH
RD	ROOF DRAIN
RI & C	ROUGH-IN AND CONNECT
SOV	SHUT-OFF VALVE
SQ	SQUARE
SS	SERVICE SINK
T/A	TO ABOVE
T/B	TO BELOW
TP	TRAP PRIMER
TYP	TYPICAL
U	URINAL
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
VTR	VENT THRU ROOF
W/	WITH
WC	WATER CLOSET
WCO	WALL CLEAN-OUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR

PIPE SYSTEM ABBREVIATIONS

ABBREVIATION	DESCRIPTION
CD	CONDENSATE DRAIN
CW	DOMESTIC COLD WATER
F	FIRE PROTECTION WATER SUPPLY
HW	DOMESTIC HOT WATER
HWR	DOMESTIC HOT WATER RETURN
S	SANITARY
PS	SANITARY (PUMPED)
SD	STORM DRAIN
V	VENT

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH UW FACILITIES MECHANICAL DESIGN STANDARDS (JULY 2021 EDITION), THE 2021 SEATTLE CODES (BUILDING, PLUMBING ,ENERGY), AND OTHER APPLICABLE FEDERAL, STATE, OR LOCAL CODES AS ADOPTED AND ENFORCED BY THE LOCAL JURISDICTION. IN CASE THE PLANS SHOW MORE STRINGENT REQUIREMENTS, THE PLANS SHALL GOVERN THE DESIGN. YET NOTHING ON THE DESIGN DOCUMENTS SHALL BE INTERPRETED AS AUTHORITY TO VIOLATE CODE(S) OR REGULATION(S).
2. SUBMISSION OF BID IN CONNECTION WITH THIS WORK SHALL IMPLY THAT THE BIDDER HAS EXAMINED THE JOB SITE UNDER WHICH THE CONTRACTOR WILL BE OBLIGATED TO OPERATE UNDER THIS CONTRACT. NO EXTRA CHARGE WILL BE ALLOWED FOR FAILURE OF ANY BIDDER TO EXAMINE THE SITE PRIOR TO BID.
3. WHERE USED, THE TERM "PROVIDE" SHALL MEAN "FURNISH AND INSTALL".
4. IN THE EVENT OF A CONFLICT OR INCONSISTENCY BETWEEN ITEMS INDICATED ON DESIGN PLANS / SPECIFICATIONS WITH CODE REQUIREMENTS, THE MORE STRINGENT STANDARD SHALL PREVAIL.
5. CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES PRIOR TO FABRICATION, PURCHASE AND/OR INSTALLATION OF ALL WORK.
6. CONTRACTOR SHALL FURNISH LABOR, MATERIALS, EQUIPMENT, AND TRANSPORTATION AS REQUIRED TO PROPERLY INSTALL ALL PLUMBING SYSTEMS OR RELATED COMPONENTS AS INDICATED ON PLANS AND SPECIFIED HEREIN.
7. CONTRACTOR SHALL DOCUMENT AND RELAY ANY MAJOR DEVIATIONS FROM THE DESIGN DOCUMENTS, AND ATTAIN APPROVAL FROM THE MECHANICAL ENGINEER BEFORE PROCEEDING. AS-BUILT COPIES SHALL BE PROVIDED INDICATING ALL CHANGES / DEVIATIONS MADE DURING CONSTRUCTION. CONTRACTOR SHALL PROVIDE COMPLETED AS-BUILT DRAWINGS IN THE LATEST VERSION OF AUTOCAD OR REVIT.
8. NO PIPING, EQUIPMENT, ETC. SHALL BE REMOVED, DISCONNECTED OR SHUT DOWN WITHOUT PRIOR REVIEW WITH THE FACILITY TO CONFIRM THAT AREAS TO REMAIN IN OPERATION WILL NOT BE AFFECTED. IF ANY AREAS NOT WITHIN THE SCOPE OF WORK ARE AFFECTED BY ANY SHUTDOWN, REMOVAL OR DISCONNECTION, SUFFICIENT ADVANCE NOTICE MUST BE GIVEN TO THE FACILITY INDICATING WHICH AREAS WILL BE AFFECTED, WHEN THE PROPOSED SHUTDOWN WILL OCCUR, AND FOR HOW LONG A PERIOD OF TIME.
9. THE ARRANGEMENT OF EQUIPMENT AND PIPING SHOWN ON THE DRAWINGS IS BASED UPON INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF DESIGN AND IS NOT INTENDED TO SHOW EXACT DIMENSIONS PECULIAR TO A SPECIFIC MANUFACTURER. THE DRAWINGS ARE, IN PART, DIAGRAMMATIC AND SOME FEATURES OF THE ILLUSTRATED EQUIPMENT INSTALLATION MAY REQUIRE REVISION TO MEET ACTUAL EQUIPMENT INSTALLATION REQUIREMENTS. STRUCTURAL SUPPORTS, FOUNDATIONS, CONNECTED PIPING, VALVES, PIPE SUPPORTS AND ELECTRICAL CONDUIT SPECIFIED MAY HAVE TO BE ALTERED OR ADDITIONAL ITEMS REQUIRED TO ACCOMMODATE THE EQUIPMENT PROVIDED. NO ADDITIONAL PAYMENT WILL BE MADE FOR SUCH REVISIONS, ALTERATIONS AND / OR ADDITIONS.
10. PIPING THROUGH FIRE RATED WALLS SHALL BE PER U.L. FIRE RESISTANCE SYSTEM NO. W1001. SEE ARCHITECTURAL PLANS FOR ALL WALL LOCATIONS.
11. ALL VALVES, TRAP PRIMERS, WATER HAMMER ARRESTERS OR OTHER EQUIPMENT SHOWN IN WALLS OR ABOVE NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED BEHIND AN ACCESS PANEL.
12. ALL CONNECTIONS TO EXISTING SERVICES SHALL BE MADE SUCH THAT INTERRUPTION TIME WILL BE AS SHORT AS POSSIBLE. THE CONTRACTOR SHALL GIVE THE OWNER'S REPRESENTATIVE SUFFICIENT NOTICE OF SUCH INTERRUPTION AND THE ACTUAL SHUT DOWN TIME SHALL BE AT A TIME DESIGNATED BY THE OWNER'S REPRESENTATIVE.
13. ALL VALVES, UNIONS, ETC. TO BE SAME SIZE AS LINE SIZE UNLESS OTHERWISE INDICATED ON DRAWINGS.
14. UNIONS SHALL BE PROVIDED AND INSTALLED AFTER EACH SCREW-TYPE VALVE AND PRIOR TO EQUIPMENT CONNECTIONS.
15. ALL SOIL, WASTE, STORM DRAIN, AND VENT PIPING SHALL SLOPE AT 2% UNLESS OTHERWISE INDICATED.
16. BEFORE FABRICATION OR INSTALLATION, THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL EQUIPMENT AND FIXTURES. EXACT ROUGH-IN LOCATIONS AND REQUIREMENTS SHALL BE COORDINATED IN FIELD.
17. VERIFY WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF ALL FLOOR DRAINS AND FLOOR SINKS.
18. PROVIDE AND INSTALL WATER HAMMER ARRESTORS IN THE FOLLOWING LOCATIONS (ONLY NON-FERROUS ARRESTORS MAY BE INSTALLED IN ANY WATER SYSTEM):
    A. WATER LINES TO LAVATORY HEADERS, WATER CLOSET AND URINAL HEADERS, SERVICE SINKS, KITCHEN SINKS, WASH FOUNTAINS, DRINKING FOUNTAINS, LABORATORIES WITH MEDICAL TYPE FAUCETS AND ON WASH SINKS HAVING 3 OR MORE STATIONS AND ALL OTHER QUICK CLOSING FIXTURE SUCH AS CLOTHES WASHERS, AS CLOSE TO FIXTURE AS POSSIBLE.
    B. BETWEEN LAST 2 FIXTURES WHEN 3 OR MORE FIXTURES, OTHER THAN THOSE LISTED IN "A" ABOVE, ARE SERVED BY A COMMON HEADER.
    C. WHEN ARRESTOR SHALL BE INSTALLED IN WALL OR FURRING, FURNISH WITH AN ACCESS PLATE LARGE ENOUGH TO PERMIT REMOVAL OF ARRESTOR. ACCESS PLATE SHALL BE A MINIMUM OF 2 INCHES LARGER IN EACH DIRECTION THAN ARRESTOR AND MINIMUM 12" X 12".
19. CLEANOUTS SHALL BE PROVIDED PER 2021 SPC SECTION 707.0 AND TO THE FOLLOWING LOCATIONS:
    A. AT EACH BASE OF ROOF DRAIN DOWNSPOUTS.
    B. AT EACH BASE OF WASTE STACK.
    C. AT EVERY 100 FT OF STRAIGHT RUN OF HORIZONTAL PIPING.
    D. AT EACH AGGREGATE HORIZONTAL CHANGE IN DIRECTION EXCEEDING ONE HUNDRED THIRTY-FIVE (135) DEGREES.
    E. AT EACH HORIZONTAL DRAINAGE PIPE UPPER TERMINAL.
    F. ABOVE EACH URINAL.
    G. BELOW EACH SINK.
20. UNLESS SPECIFIED ON STRUCTURAL DRAWINGS, ANY ALTERATION OR MODIFICATIONS TO STRUCTURAL ELEMENTS BY CUTTING, DRILLING, BORING, BRACING, WELDING ETC. SHALL HAVE WRITTEN APPROVAL BY THE STRUCTURAL ENGINEER PRIOR TO START WORK. THE CONTRACTOR SHALL NOT DRILL INTO TRUSSES. THE SIZE AND LOCATION REQUIREMENTS OF DRILLING STUDS IS PER STRUCTURAL. ANY VARIANCE FROM THE DRAWINGS SHALL BE REVIEWED WITH STRUCTURAL PRIOR TO ON SITE DRILLING.

SHEET INDEX

SHEET	DESCRIPTION
P0.01	GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX
P0.02	PLUMBING NOTES AND CODE INFO
P2.20	PLUMBING PLANS- FOUNDATION
P2.21	PLUMBING PLANS- LEVEL 01
P2.22	PLUMBING PLANS- MEZZANINE
P3.11	PLUMBING ENLARGED PLANS
P3.12	PLUMBING ENLARGED PLANS
P4.11	PLUMBING ISOMETRICS
P5.01	PLUMBING DETAILS
P6.01	PLUMBING SCHEDULES
P7.01	PLUMBING DIAGRAMS
P7.02	PLUMBING DIAGRAMS
P7.03	PLUMBING DIAGRAMS

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Phone: 206.448.1611
Project Manager, Peter Soane, PE
P2S Project # 24-0001

Auburn Mechanical
When performance counts!

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER SOANE — STATE OF WASHINGTON — 45030 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
CHECK
DS

TITLE
GENERAL NOTES, LEGEND, ABBREVIATIONS AND SHEET INDEX

PROJECT NO
2327300 / UW 206756

DATE
4/30/2025

SHEET NUMBER
P0.01

GMP SET

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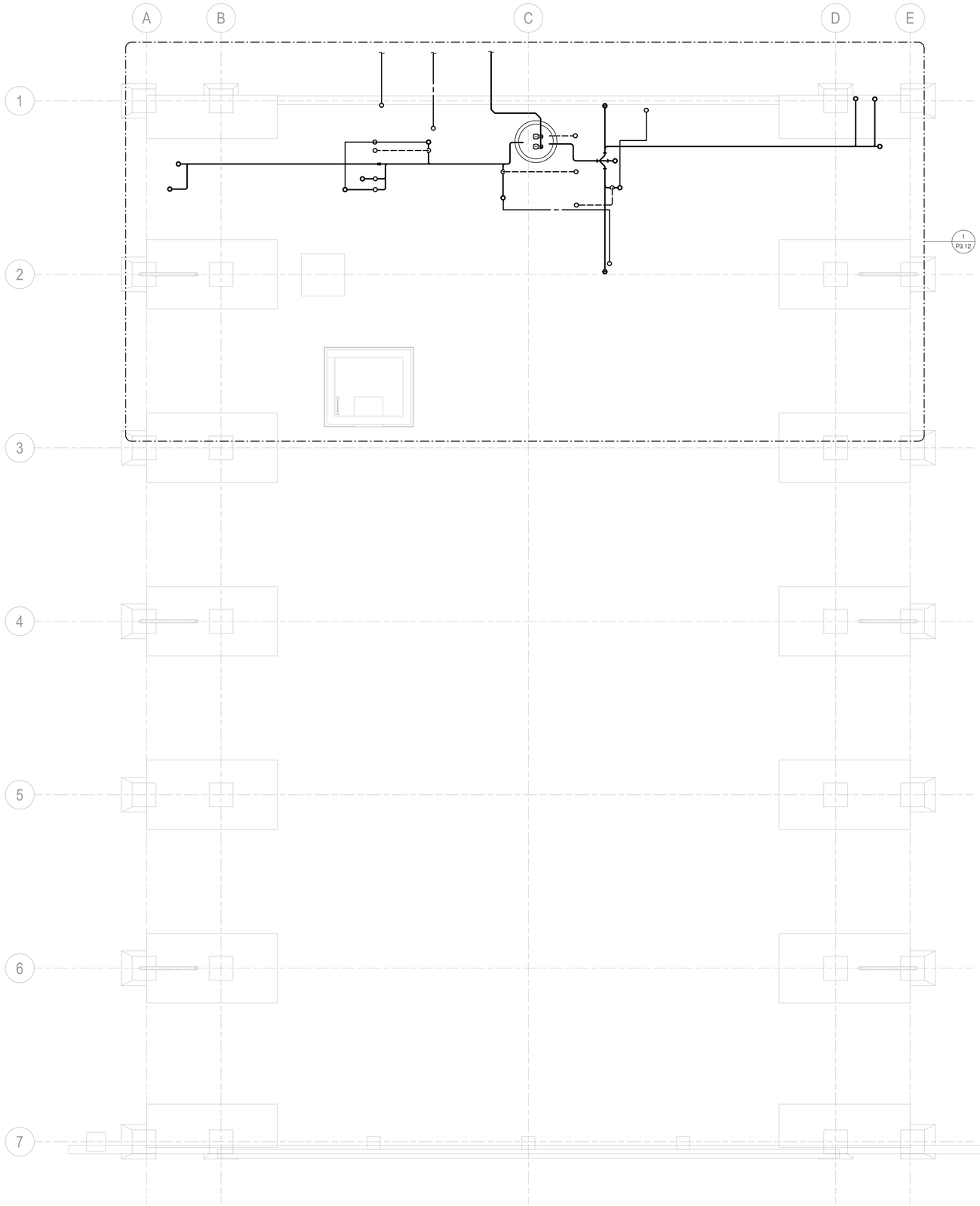

GENERAL NOTES:

1. SLOPE ALL SANITARY SEWER AT 2% SLOPE UNLESS INDICATED OTHERWISE.
2. SLOPE ALL CONDENSATE PIPING AT 1% UNLESS INDICATED OTHERWISE.
3. REFER TO P7.0X SHEETS FOR PLUMBING DIAGRAMS.
4. SLOPE UNDERGROUND SANITARY VENT PIPING AT 2% SLOPE UNLESS INDICATED OTHERWISE.
5. PER JULY 2021 UW FACILITIES MECHANICAL DESIGN STANDARDS (SECTION M "WASTE AND DRAINS"- DESIGN CRITERIA # 10 (PAGE 39)), AND INPUT FROM GEOTECHNICAL ENGINEER, BURIED GRAVITY FLOW PIPE (SANITARY WASTE AND VENT, TRAP PRIMER, METHANE VENT) LOCATED BELOW THE STRUCTURAL SLAB SHALL BE HUNG FROM THE SLAB.

1 PLUMBING FOUNDATION PLAN
SCALE: 3/16" = 1'-0"

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PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER SOANE — STATE OF WASHINGTON — 46200 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
CHECK
DS

TITLE
PLUMBING PLANS-FOUNDATION

PROJECT NO.
2327300 / UW 206756
DATE
4/30/2025

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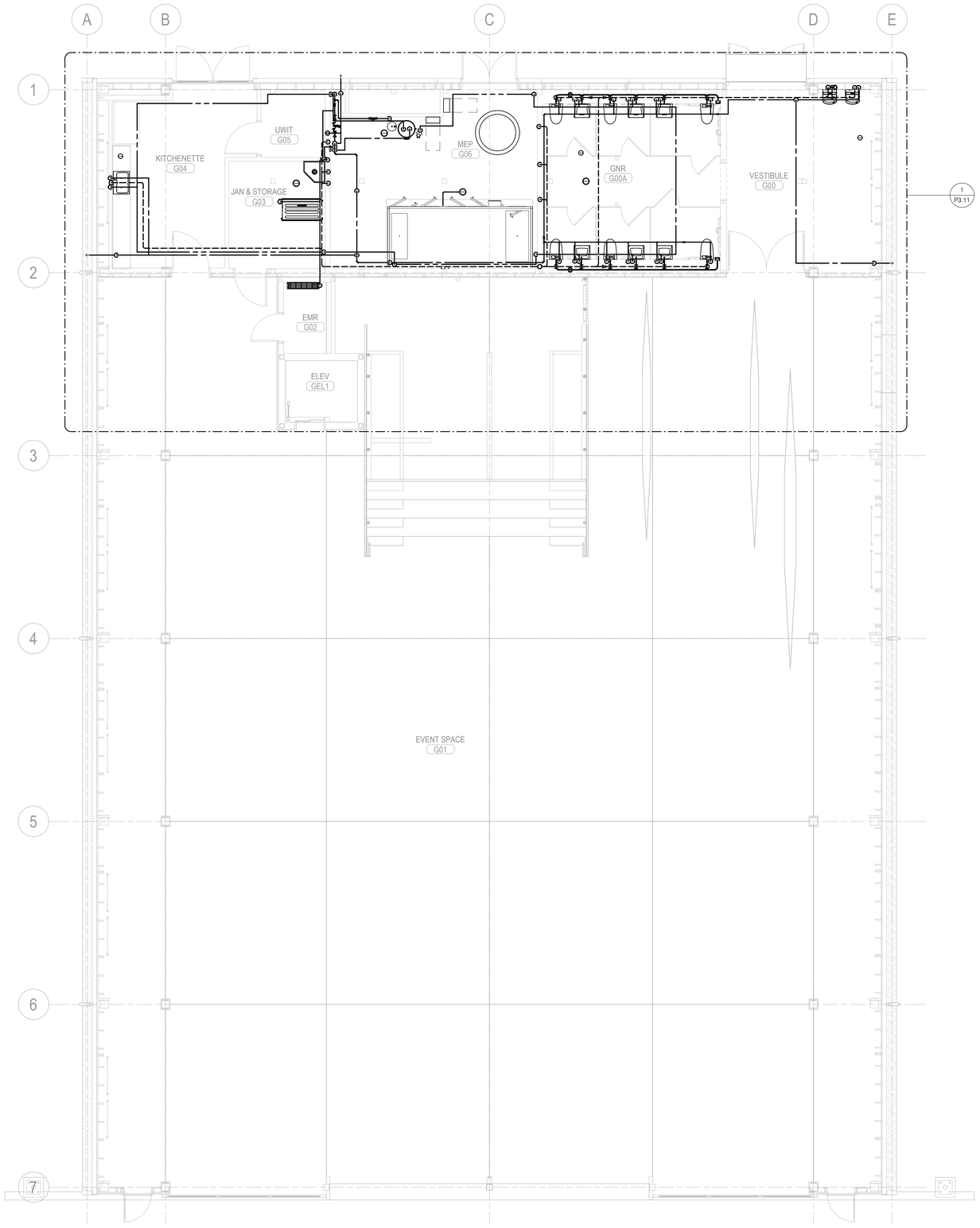

1 PLUMBING GROUND PLAN

SCALE: 3/16" = 1'-0"

GENERAL NOTES:

1. SLOPE ALL SANITARY SEWER AT 2% SLOPE UNLESS INDICATED OTHERWISE.
2. SLOPE ALL CONDENSATE PIPING AT 1% UNLESS INDICATED OTHERWISE.
3. REFER TO P7.0X SHEETS FOR PLUMBING DIAGRAMS.

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P2S Project # 2327300

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PROJECT
ASUW SHELL HOUSE RENOVATION

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PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER SOANE — STATE OF WASHINGTON — 48300 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO. DATE REVISION

PARTNER IN CHARGE

PROJECT MANAGER
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PROJECT ARCHITECT

PROJECT DESIGNER
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PROJECT TEAM MEMBERS
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TITLE
PLUMBING PLANS-LEVEL 01

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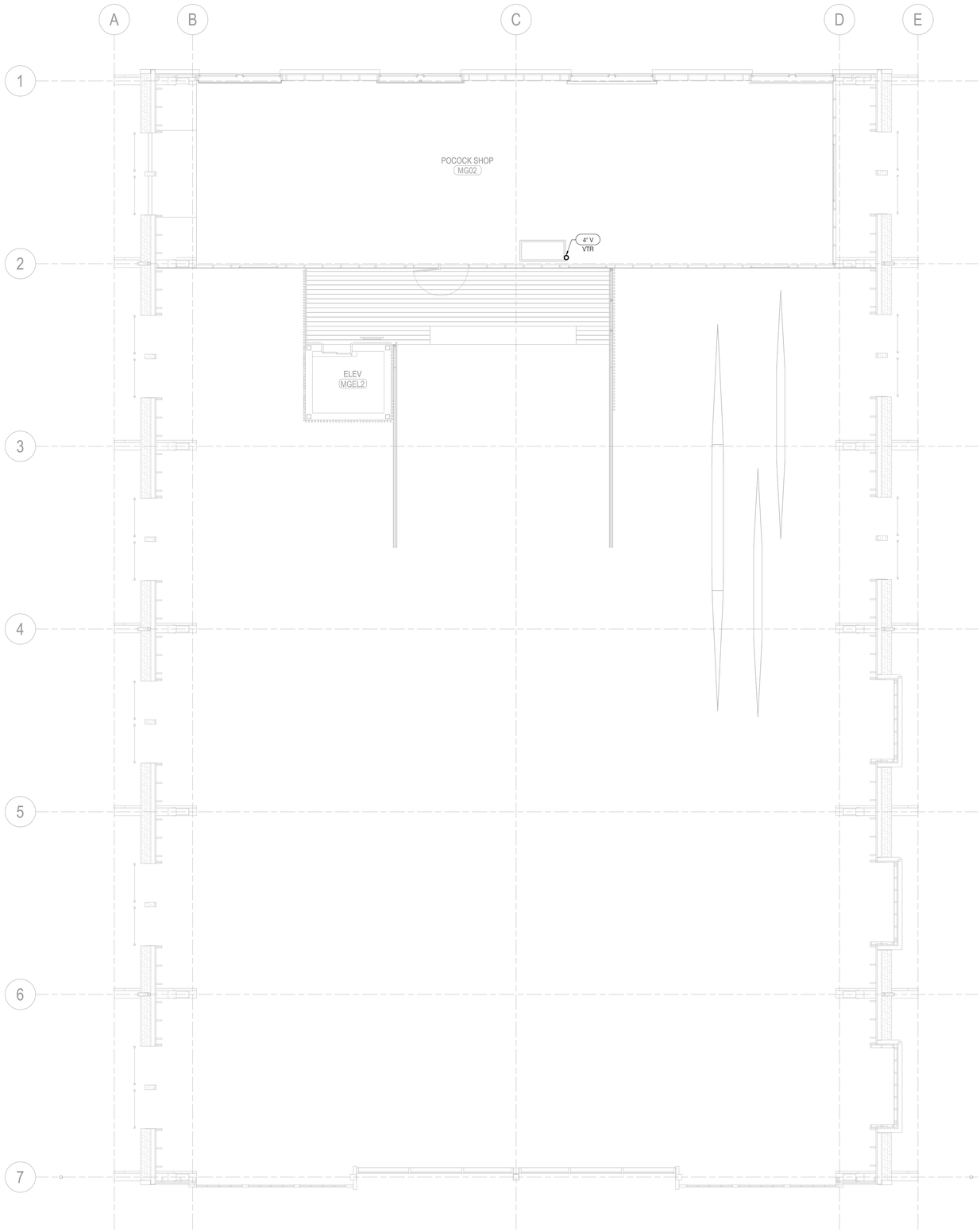
GENERAL NOTES:

1. REFER TO P7.0X SHEETS FOR PLUMBING DIAGRAMS.
2. VENTS SHALL TERMINATE A MINIMUM OF 10' ABOVE ROOFLINE (PER 2021 SPC SECTION 906.1 & 906.7), AND A MINIMUM OF 10FT FROM OUTSIDE AIR INTAKES (PER 2021 SPC SECTION 906.2).



1 PLUMBING MEZZANINE
SCALE: 3/16" = 1'-0"

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LOCATION
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PREPARED FOR
UNIVERSITY OF WASHINGTON

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ROBERT PETER SOANE — STATE OF WASHINGTON — 46000 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

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PROJECT ARCHITECT

PROJECT DESIGNER
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PROJECT TEAM MEMBERS
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TITLE
PLUMBING PLANS-MEZZANINE

PROJECT NO.
2327300 / UW 206756
DATE
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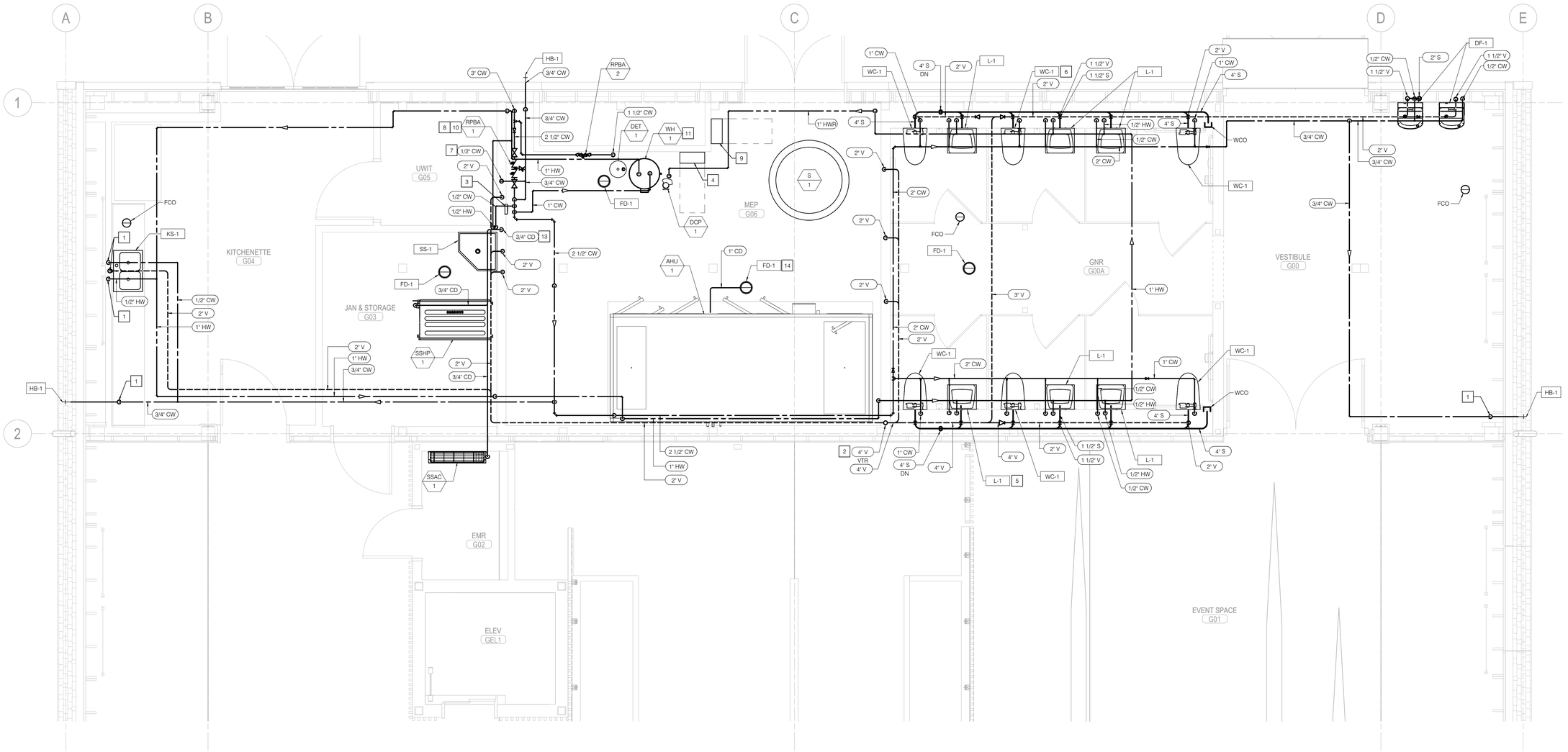
2. SLOPE ALL CONDENSATE PIPING AT 1% UNLESS INDICATED OTHERWISE.
3. REFER TO P7.0X SHEETS FOR PLUMBING DIAGRAMS. SEE PLUMBING DIAGRAMS FOR PIPING VALVES AND ACCESSORIES.
4. VENTS SHALL TERMINATE A MINIMUM OF 10' ABOVE ROOFLINE (PER 2021 SPC SECTION 906.1 & 906.7), AND A MINIMUM OF 10FT FROM OUTSIDE AIR INTAKES (PER 2021 SPC SECTION 906.2).
5. STORMWATER IS BY GUTTERS (BY ARCHITECTURAL).

SHEET KEYNOTES:

1. SLOPE PIPING ALONG ANGLED EXTERIOR WALL.
2. 4"V PER 2021 SPC SECTION 904.1 (REQUIRED CROSS SECTIONAL AREA).
3. SUMP PUMP SP-1 CONTROL PANEL WITH AUDIBLE AND VISUAL ALARM. PUMP IS POWERED FROM CONTROL PANEL.
4. DOMESTIC WATER METER FLOW DISPLAY (120V/1PH POWER). MOUNT APPROXIMATELY 2'-0"AFF. FOR ADDITIONAL INFORMATION, REFER TO "DOMESTIC WATER METER SCHEDULE" ON SHEET P6.01 AND DIAGRAM 1/P7.01.
5. PROVIDE TRAP PRIMER FITTING ON LAVATORY WASTE OUTLET ("SIOUX CHIEF TRAP PRIMER TAILPIECE", OR EQUAL).
6. PROVIDE 1/2" TRAP PRIMER LINE OFF FLUSH VALVE ("PPP FVP-1VB FLUSH VALVE PRIMER", OR EQUAL). SEE FLOOR BELOW FOR TRAP PRIMER PIPE ROUTING.
7. PROVIDE 1/2" AUTOMATIC TRAP PRIMER VALVE ("PPP P2-500 TRAP PRIMER VALVE", OR EQUAL). SEE FLOOR BELOW FOR TRAP PRIMER PIPE ROUTING.
8. ROUTE DRAIN PIPING TO JANITOR'S FLOOR SINK AND DISCHARGE VIA AIR GAP.
9. IRRIGATION CONTROL PANEL (BY LANDSCAPE).
10. REFER TO BUILDING DOMESTIC WATER SERVICE DIAGRAM 1/P7.01.
11. REFER TO DOMESTIC HOT WATER DIAGRAM 2/P7.01.
12. IRRIGATION VALVING ASSEMBLY. REFER TO DIAGRAM 3/P7.01.
13. ROUTE CONDENSATE DRAIN PIPING TO JANITOR'S FLOOR SINK AND DISCHARGE VIA AIR GAP. CONDENSATE DRAIN PIPING SIZED PER THE 2021 SPC TABLE 814.3 "MINIMUM CONDENSATE PIPE SIZE." 3/4" CONDENSATE PIPE CAN SERVE UP TO 20 TONS OF COOLING CAPACITY. CONDENSATE DRAIN PIPING SERVES 5.5 TONS OF COOLING CAPACITY.
14. ROUTE AHU DX COIL CONDENSATE DRAIN PIPING TO FLOOR DRAIN. CONDENSATE DRAIN PIPING SIZED PER THE 2021 SPC TABLE 814.3 "MINIMUM CONDENSATE PIPE SIZE." 1" CONDENSATE PIPE CAN SERVE 21-40 TONS OF COOLING CAPACITY. CONDENSATE DRAIN PIPING SERVES 28 TONS OF COOLING CAPACITY.



1 PLUMBING ENLARGED PLAN- LEVEL 01

SCALE: 3/8" = 1'-0"

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Project Manager: Peter Soane, PE
P2S Project # 21-0001

Auburn Mechanical
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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER SOANE — STATE OF WASHINGTON — 48309 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
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DS

TITLE
PLUMBING ENLARGED PLANS

PROJECT NO.
2327300 / UW 206756
DATE
4/30/2025

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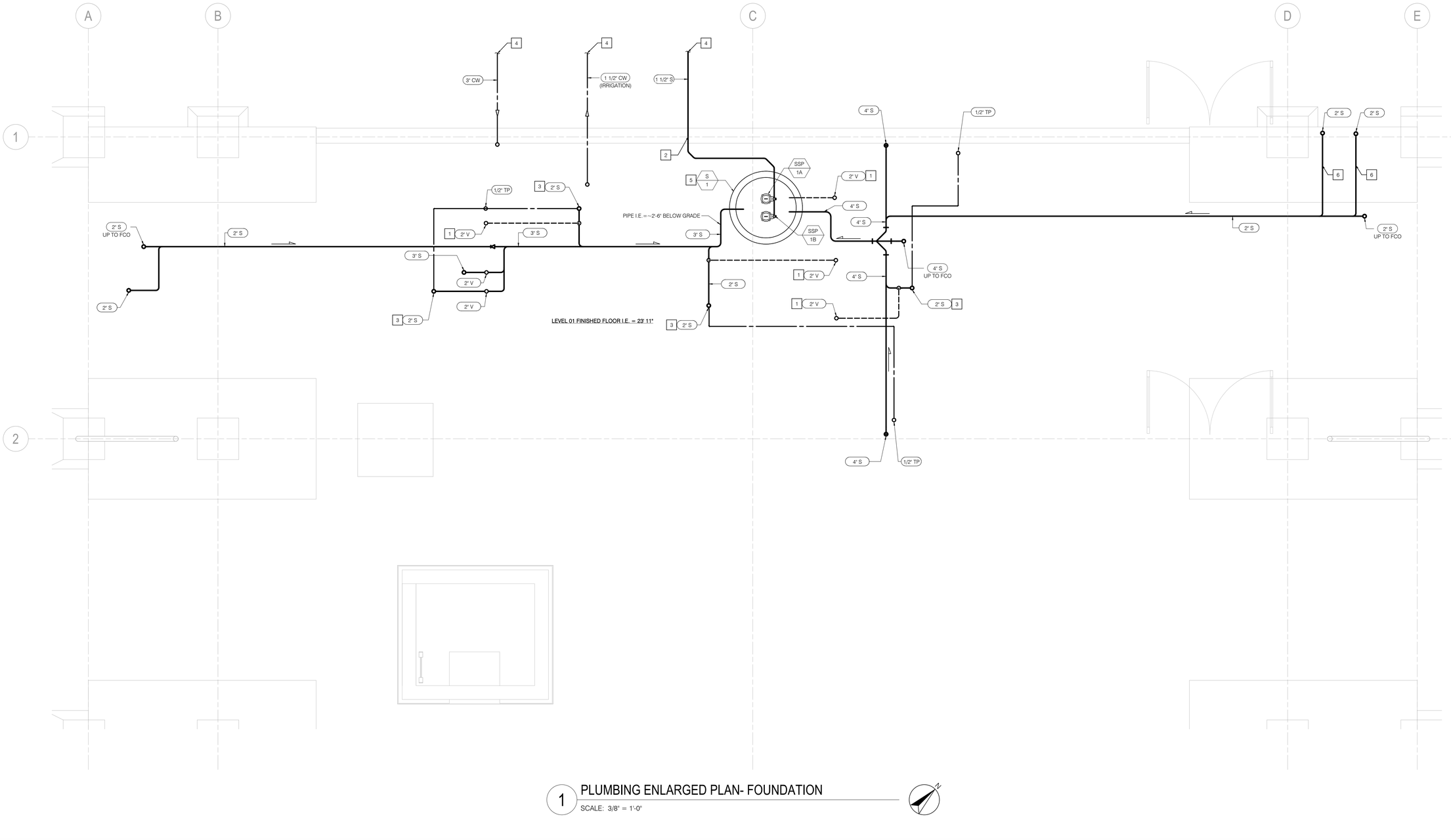
2. SLOPE ALL CONDENSATE PIPING AT 1% UNLESS INDICATED OTHERWISE.
3. REFER TO P7.0X SHEETS FOR PLUMBING DIAGRAMS.
4. SLOPE UNDERGROUND SANITARY VENT PIPING AT 2% SLOPE UNLESS INDICATED OTHERWISE.
5. PER JULY 2021 UW FACILITIES MECHANICAL DESIGN STANDARDS (SECTION M "WASTE AND DRAINS"- DESIGN CRITERIA #10 (PAGE 39)), AND INPUT FROM GEOTECHNICAL ENGINEER, BURIED GRAVITY FLOW PIPE (SANITARY WASTE AND VENT, TRAP PRIMER, METHANE VENT) LOCATED BELOW THE STRUCTURAL SLAB SHALL BE HUNG FROM THE SLAB. REFERENCE DETAIL 5/P5.01.

SHEET KEYNOTES:

1. VENT REQUIRES HORIONTAL OFFSET BELOW GRADE. THIS IS DUE TO: (#1) THE LOCATION OF THE PLUMBING FIXTURE (LOCATED PER COORDINATION BETWEEN PLUMBING ENGINEER AND ARCHITECT), (#2) LOCATION OF CLOSEST WALLS (LOCATED BY ARCHITECT), (#3) ROUTING OF WASTE MAIN PIPING TO AVOID STRUCTURAL FOOTING/PILECAP/COMPONENT PENETRATIONS (LOCATED BY STRUCTURAL), AND (#4) EFFICIENT ROUTING OF SANTARY SEWER MAIN PIPING TO MINIMIZE PIPE DEPTH FROM SLOPING AND TO CONNECT TO SEWER MAIN IN STREET (AS COORDINATED WITH CIVIL ENGINEER). THIS IS COMPLIANT WITH THE "UNLESS PROHIBITED BY STRUCTURAL CONDITIONS" PORTION OF THE 2021 SPC SECTION "905.3 VENT PIPE RISE".
2. PER INPUT FROM GEOTECHNICAL ENGINEER, SOIL LIQUEFACTION-INDUCED SETTLEMENT IS ESTIMATED TO RANGE UP TO 8 INCHES ACROSS THE SITE FOR THE DESIGN-LEVEL EARTHQUAKE. CONTRACTOR SHALL PROVIDE SEGMENT (MIN. 1FT) OF FLEXIBLE PIPE BETWEEN SLAB SUPPORTED WASTE PIPING AND DIRECT BURIED WASTE PIPING (OUTSIDE OF BUILDING FOOTPRINT).
3. FLOOR DRAIN SERVED BY TRAP PRIMER LINE, AS INDICATED.
4. SEE CIVIL FOR CONTINUATION.
5. REFER TO DETAIL 1/P5.01.
6. ROUTE SANITARY PIPING 1' 6" BELOW GRADE THROUGH STRUCTURAL FOOTING.



1 PLUMBING ENLARGED PLAN- FOUNDATION

SCALE: 3/8" = 1'-0"

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Culver City, CA 90232 / 323.937.2150

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Sellen P2S ENG

P2S INC.
Address: 1201 3rd Ave #3000, Seattle WA 98101
Phone: 206.448.1611
Project Manager: Peter Soane, PE
P2S Project # 23-0001

Auburn Mechanical
When performance counts!

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER QUALE — STATE OF WASHINGTON — 48200 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
CHECK
DS

TITLE
PLUMBING ENLARGED PLANS

PROJECT NO.
2327300 / UW 206756
DATE
4/30/2025

SHEET NUMBER
P3.12
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

4/30/2025 11:58:01 AM

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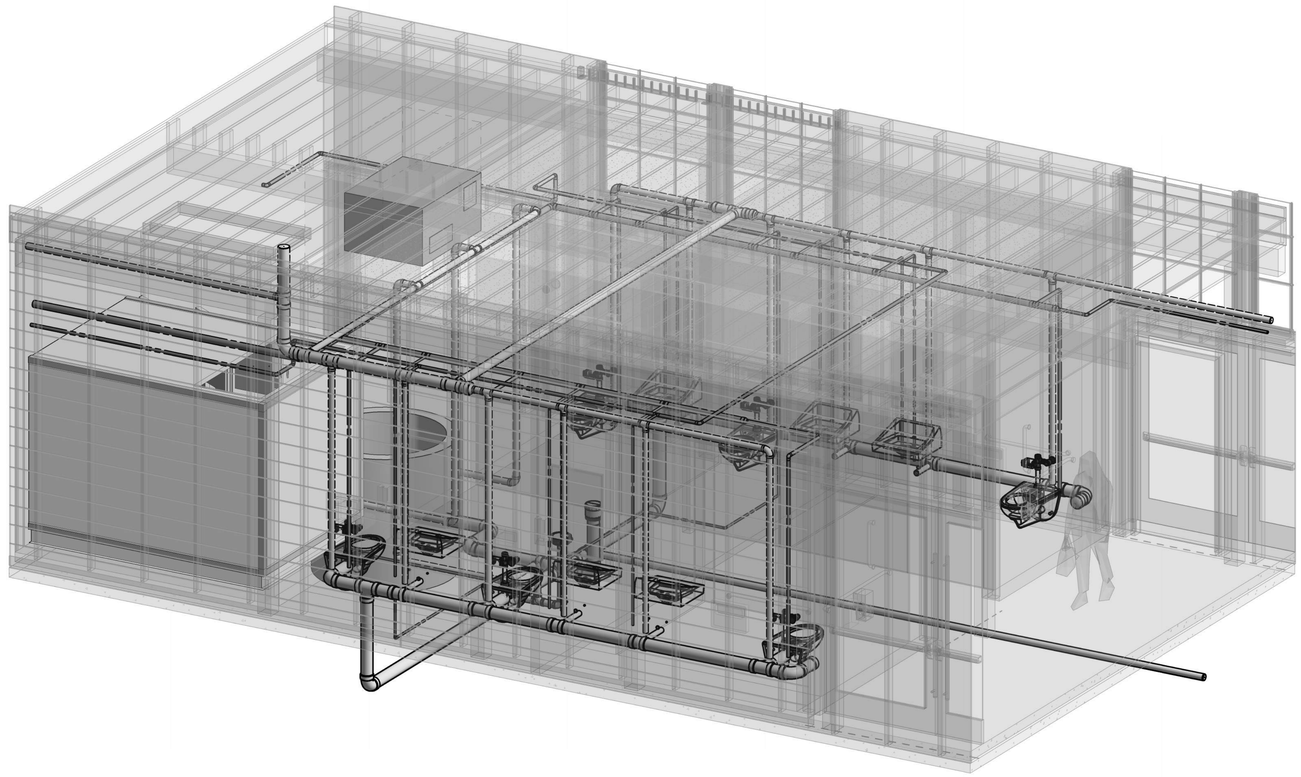
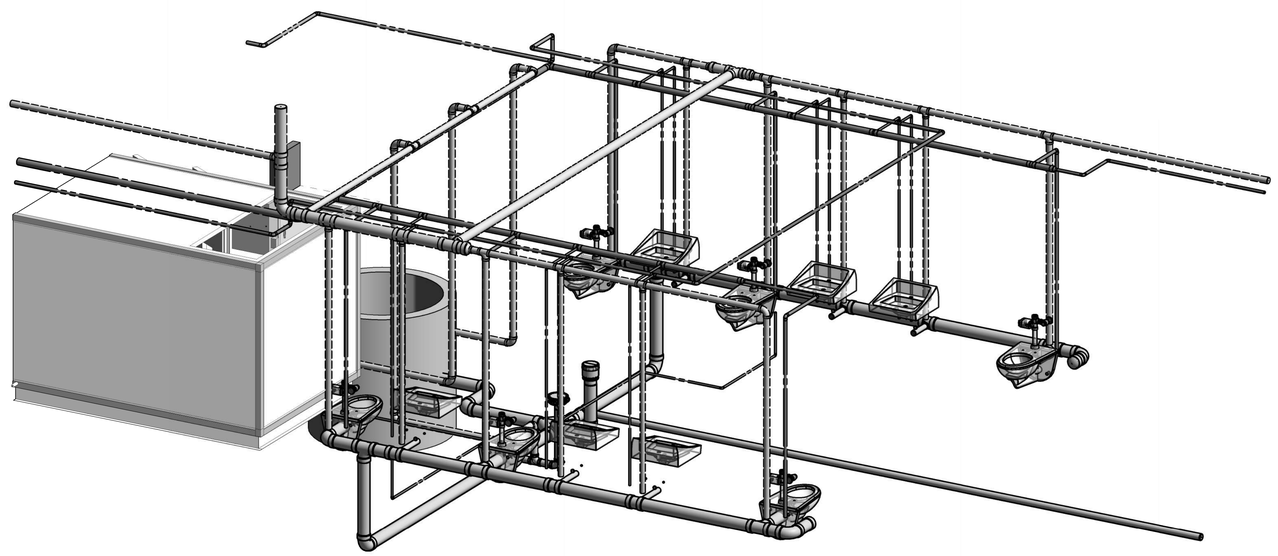


2 PLUMBING ISOMETRIC- RESTROOM

SCALE: NONE



1 PLUMBING ISOMETRIC- PLUMBING SYSTEM

SCALE: NONE

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Sellen P2S ENG

P2S INC.
Address: 1201 3rd Ave #3000, Seattle WA 98101
Phone: 206.448.1811
Project Manager: Peter Sloane, PE
P2S Project # 23-0

Auburn Mechanical
When performance counts!

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

PHSKC STAMP

ROBERT PETER SLOANE — STATE OF WASHINGTON — 48309 — REGISTERED PROFESSIONAL ENGINEER — 4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
PS
PROJECT ARCHITECT

PROJECT DESIGNER
PS
PROJECT TEAM MEMBERS
KK
CHECK
DS

TITLE
PLUMBING ISOMETRICS

PROJECT NO.
2327300 / UW 206756
DATE
4/30/2025

SHEET NUMBER
P4.11
GMP SET

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ORIGINAL SHEET SIZE: 30" x 42"

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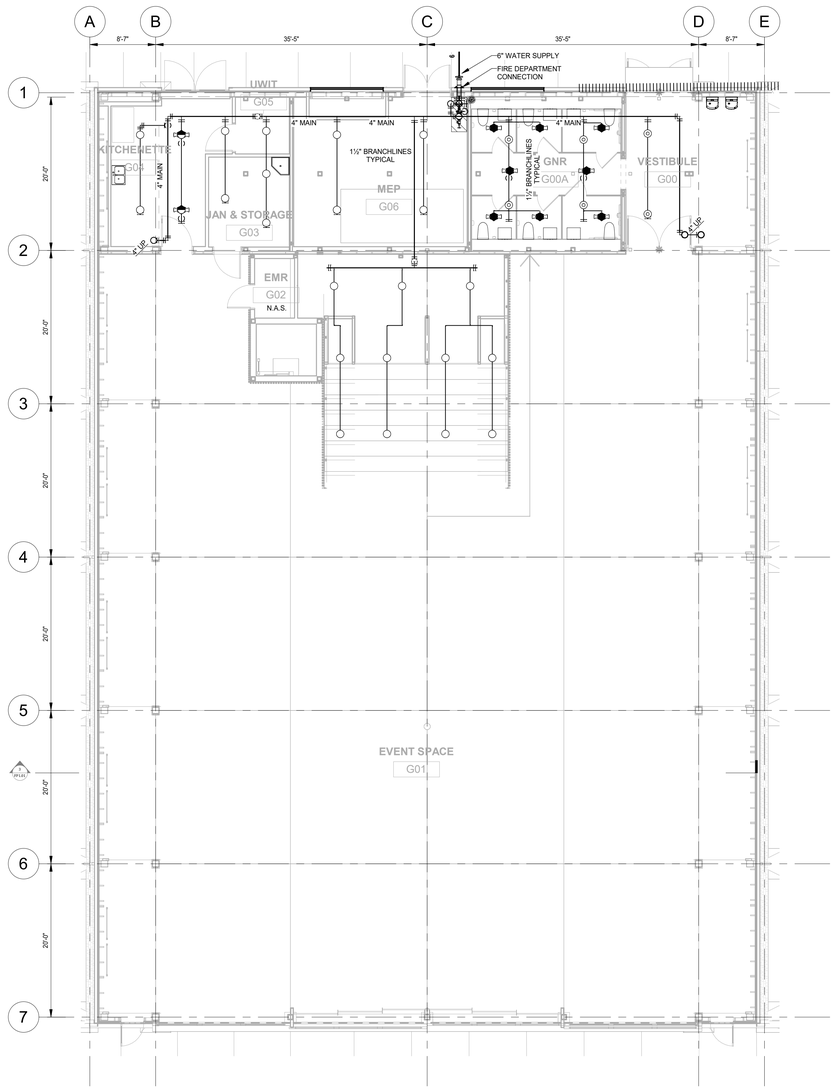
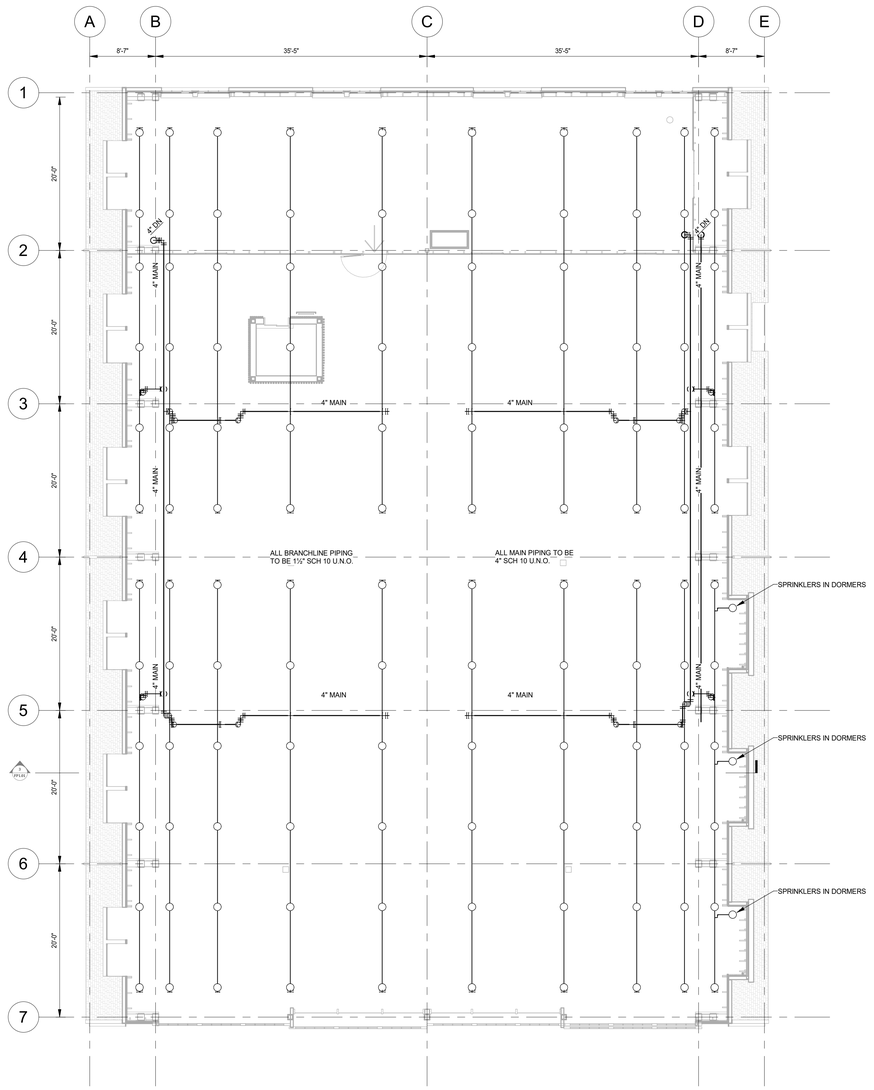
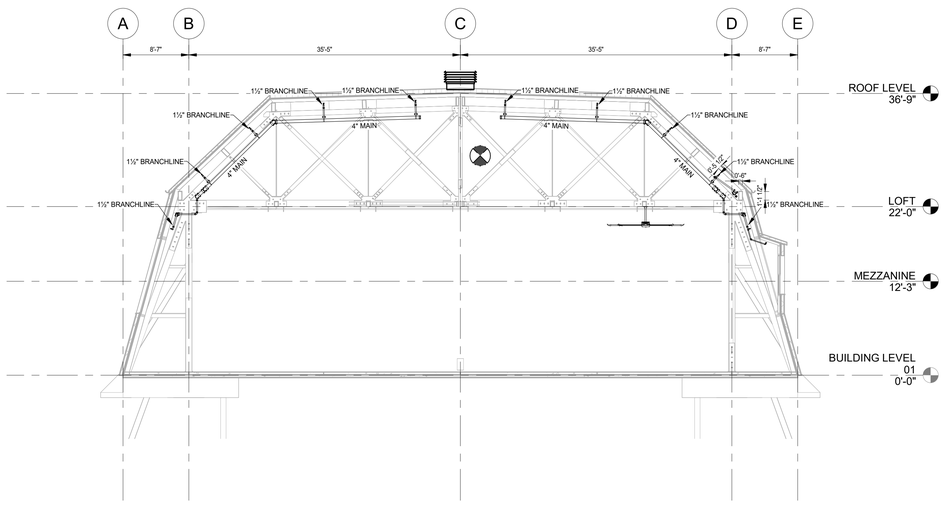


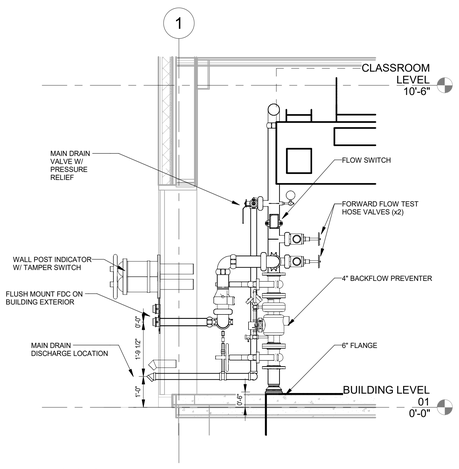
1 FIRST FLOOR - FIRE SPRINKLER PLAN
1/8" = 1'-0"



4 ROOF - FIRE SPRINKLER PLAN
1/8" = 1'-0"



3 SHELL HOUSE BUILDING SECTION
1/8" = 1'-0"



2 RISER SECTION
1/2" = 1'-0"

GENERAL NOTES

1. ALL MATERIAL AND EQUIPMENT IS TO BE NEW UL AND / OR FM APPROVED.
2. PIPING DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS AND DIMENSIONS SHOWN THUSLY (X-X) WHICH ARE END OF PIPE TO END OF PIPE.
3. EARTHQUAKE BRACING SHALL BE PROVIDED IN ACCORDANCE WITH NFPA PANPHLET NO. 13 2016 EDITION. SEE DETAILS ON CORRESPONDING SHEETS.
4. PIPE HANGERS AND METHODS OF HANGING IS TO BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2016 EDITION.
5. PIPING SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13, 2016 EDITION. SCHEDULE 10 & 40 BLACK PIPE AT WET SYSTEMS.
6. JOINING OF PIPE & FITTINGS, THREADED, WELDED, AND GROOVED, SHALL BE IN ACCORDANCE WITH NFPA PAMPHLET NO. 13 2016 EDITION.
7. OWNER IS TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
8. ALL WIRING OF ELECTRICAL DEVICES IS TO BE PROVIDED BY OTHERS.
9. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) IS TO BE BY OTHERS.
10. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) IS TO BE BY OTHERS.
11. SPRINKLER SYSTEM SHALL OPERATE INSIDE BUILDING ALARM SYSTEM THROUGHOUT PREMISES; COORDINATED WITH FIRE ALARM CONTRACTOR.

SPRINKLER HEAD SCHEDULE

	MANUF.	MODEL	HEAD WRENCH	SPRINKLER SIN#	TYPE	THREAD SIZE	K FACTOR	ESCH. FINISH	TEMP.
	RELIABLE	F1FR56	W2	RA1425	Q.R. UPRIGHT				155 °F
◐	RELIABLE	G5-56	W3	RA3411	CONCEALED PENDENT	1/2"	5.6	T.B.D.*	165 °F
○	RELIABLE	F1FR56	W2	RA1425	Q.R. UPRIGHT	1/2"	5.6	BRONZE	155 °F
◎	RELIABLE	F1FR56	W2	RA1425	Q.R. SPRIG UP	1/2"	5.6	BRONZE	155 °F

* FINISH COLOR TO BE COORDINATED WITH DESIGN TEAM

PATRIOT FIRE PROTECTION INC.
2707 70TH AVENUE EAST
TACOMA, WA 98424
WWW.PATRIOTFIRE.COM
MAIN:(253) 926-2290
FAX:(253)922-6150

Lic no. PATRIFP099CF

GENERAL NOTES

1. ALL MATERIAL AND EQUIPMENT TO BE NEW AND UL LISTED OR FM APPROVED.
2. PIPE DIMENSIONS ARE CENTER TO CENTER EXCEPT RISERS & DIMENSIONS SHOWN THUSLY (X-X) WHICH ARE END TO END.
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7. OWNER TO PROVIDE ADEQUATE HEAT IN AREAS PROTECTED BY A WET PIPE SPRINKLER SYSTEM TO PREVENT WATER IN PIPES FROM FREEZING.
8. ALL WIRING OF ELECTRICAL DEVICES (IF REQUIRED) TO BE PROVIDED BY OTHERS.
9. PAINTING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.
10. FURRING OF PIPE & EQUIPMENT (IF REQUIRED) TO BE PROVIDED BY OTHERS.

ASUW SHELL HOUSE
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

STATE CERTIFICATION

SPRINKLER TEMP. RATING

	HEAT RANGE	CLASSIFICATION
○	135°-170°F	Ordinary
⊖	175°-225°F	Intermediate
⊜	250°-300°F	High
◍	325°-375°F	Extra High
◉	500°+F	Ultra High

DESIGNER	DANIEL PRICE-ORTIZ
EMAIL	DANIEL.PRICE-ORTIZ@PATRIOTFIRE.COM
JOB NO.	11-2441
CONTRACTOR	PATRIOT FIRE PROTECTION INC.
	2707 70TH AVE E. TACOMA, WA 98424
SITE CONTACT	STETSON CALE

Revision Schedule

Revision	Date	Issued by	Description
	6/7/24		30% DESIGN DOCUMENTS
	9/27/24		60% DESIGN DOCUMENTS
	3/24/25		PERMIT SET
	4/30/25		GMP SET

SHEET NUMBER
FP1.01
SHEET NAME
FIRE SPRINKLER PLAN

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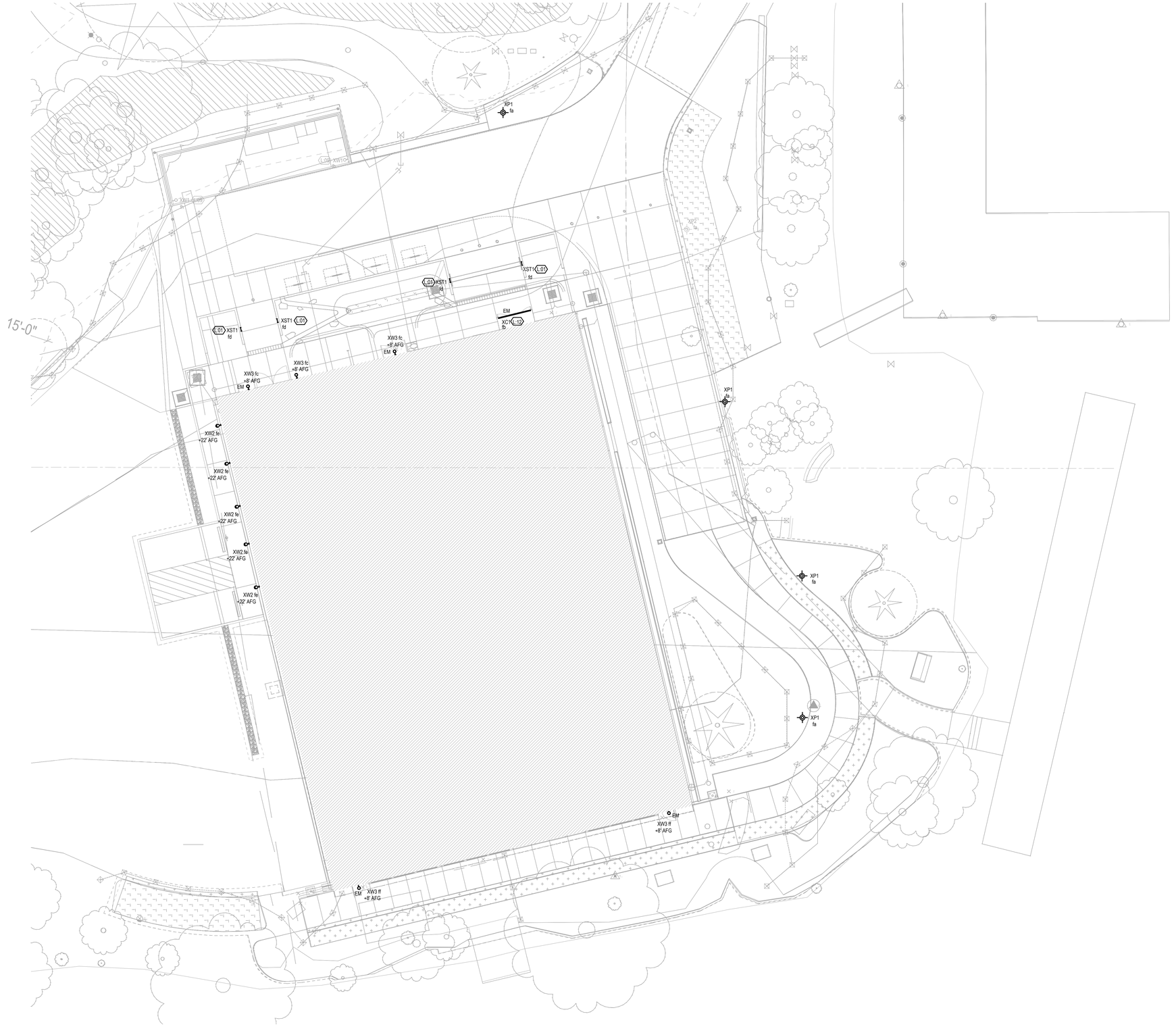

E1.02 /,*+7,1* 6,7(3/$1
SCALE: 1" = 10'-0"

GENERAL NOTES

1. REFER TO LIGHTING PLANS FOR ADDITIONAL ALTERNATE LIGTHING.
2. REFER TO LIGHTING CONTROL SCHEDULE IN LIGHTING PLANS FOR LIGHTING CONTROL FOR ALL EXTERIOR FIXTURES.
3. ALL NORMAL EXTERIOR FIXTURES ARE CIRCUITED TO PCD-N1-N01-26. ALL EM EXTERIOR FIXTURES ARE CIRCUITED TO INV-1-1.

KEY NOTES

.01 XST1 INSTALLED AT 15" ABOVE FINISHED GRADE TO CENTER OF LUMINAIRE.

.09 MOUNTING FOR UTILITY AND WASTE ENCLOSURE TO BE COORDINATED WITH THE DESIGN OF THE ENCLOSURE. INSTALL AT 6'-0" AFG. COORDINATE LOCATION ON SITE WITH LANDSCAPE ARCHITECT.

.12 INSTALL ON UNDERSIDE OF CANOPY IN STRAIGHT DOWN POSITION. REMOTE DRIVER REQUIRED. LOCATE ON INTERIOR OF BUILDING IN ACCESSIBLE, VENTILATED LOCATION. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN.

EXTERIOR LIGHTING CONTROL INTENT

ALL EXTERIOR LIGHTING SHALL BE CONTROLLED PER 2021 SEATTLE ENERGY CODE REQUIREMENTS.

1. DAYLIGHT SHUTOFF.
2. FAÇADE/LANDSCAPE LIGHTING SHUTOFF (N/A).
3. LIGHTING SETBACK THAT REDUCES WATTAGE BY MINIMUM 50% DURING ANY PERIOD WHEN NO ACTIVITY HAS BEEN DETECTED FOR 15 MINUTES OR MORE.
4. EXTERIOR TIME-SWITCH.

1"=10'-0" 0 5 10 20 30

ORIGINAL SHEET SIZE 30" x 42"

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COFFMAN ENGINEERS
1101 Second Ave, Suite 400
Seattle, WA 98101
ph 206.623.2717
www.coffman.com

PRIME ELECTRIC

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

REGISTERED PROFESSIONAL ENGINEER ROBERT M. MCCULLOUGH STATE OF WASHINGTON 40805
4/30/2025

NO.	DATE	REVISION

PARTNER IN CHARGE
BRM
PROJECT MANAGER
JM
PROJECT ARCHITECT
PROJECT DESIGNER
JM
PROJECT TEAM MEMBERS
RMF
CHECK
BRM

TITLE
LIGHTING SITE PLAN

PROJECT NO.
240256 / UW 206756
DATE
4/25/2025

SHEET NUMBER
E1.02

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GENERAL NOTES

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Keynote Legend	
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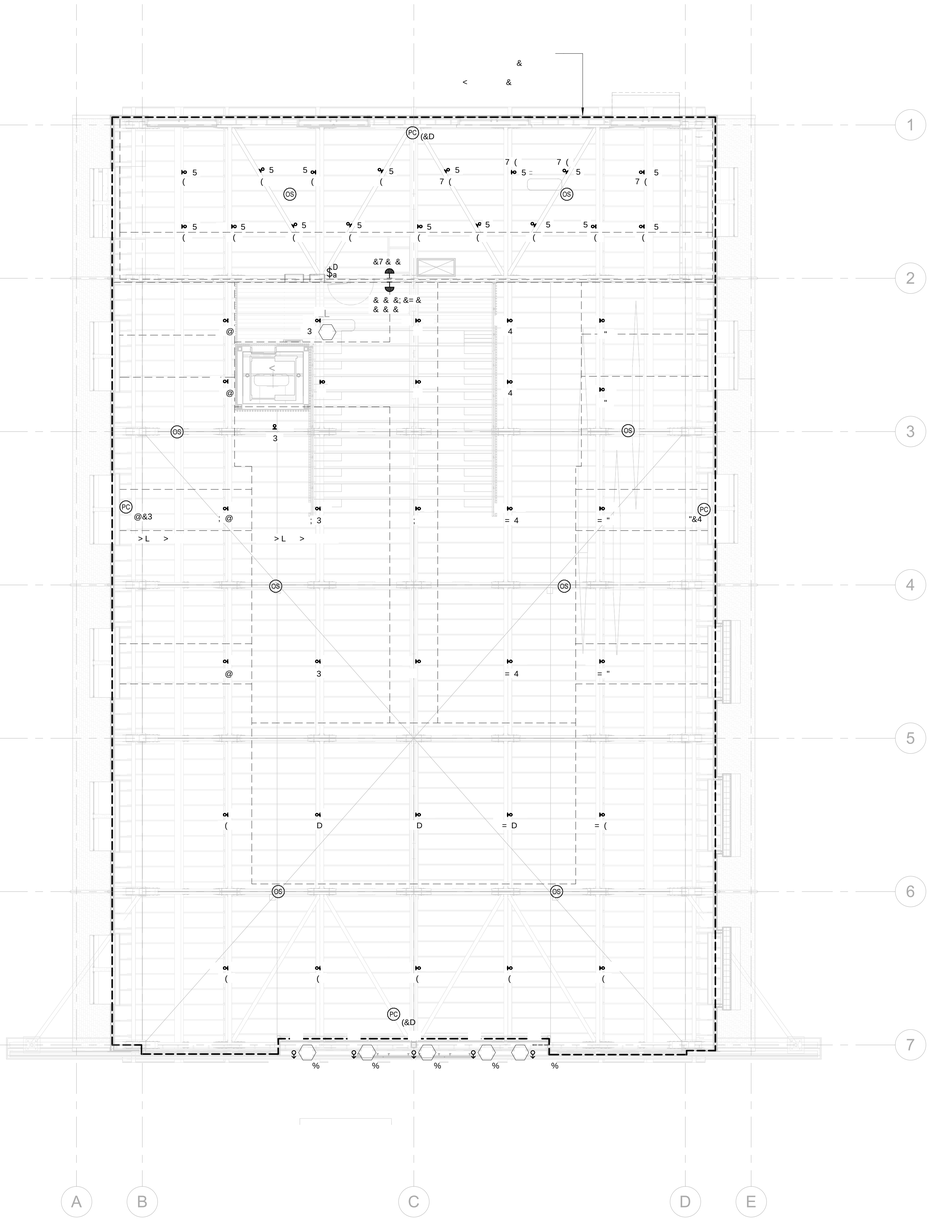
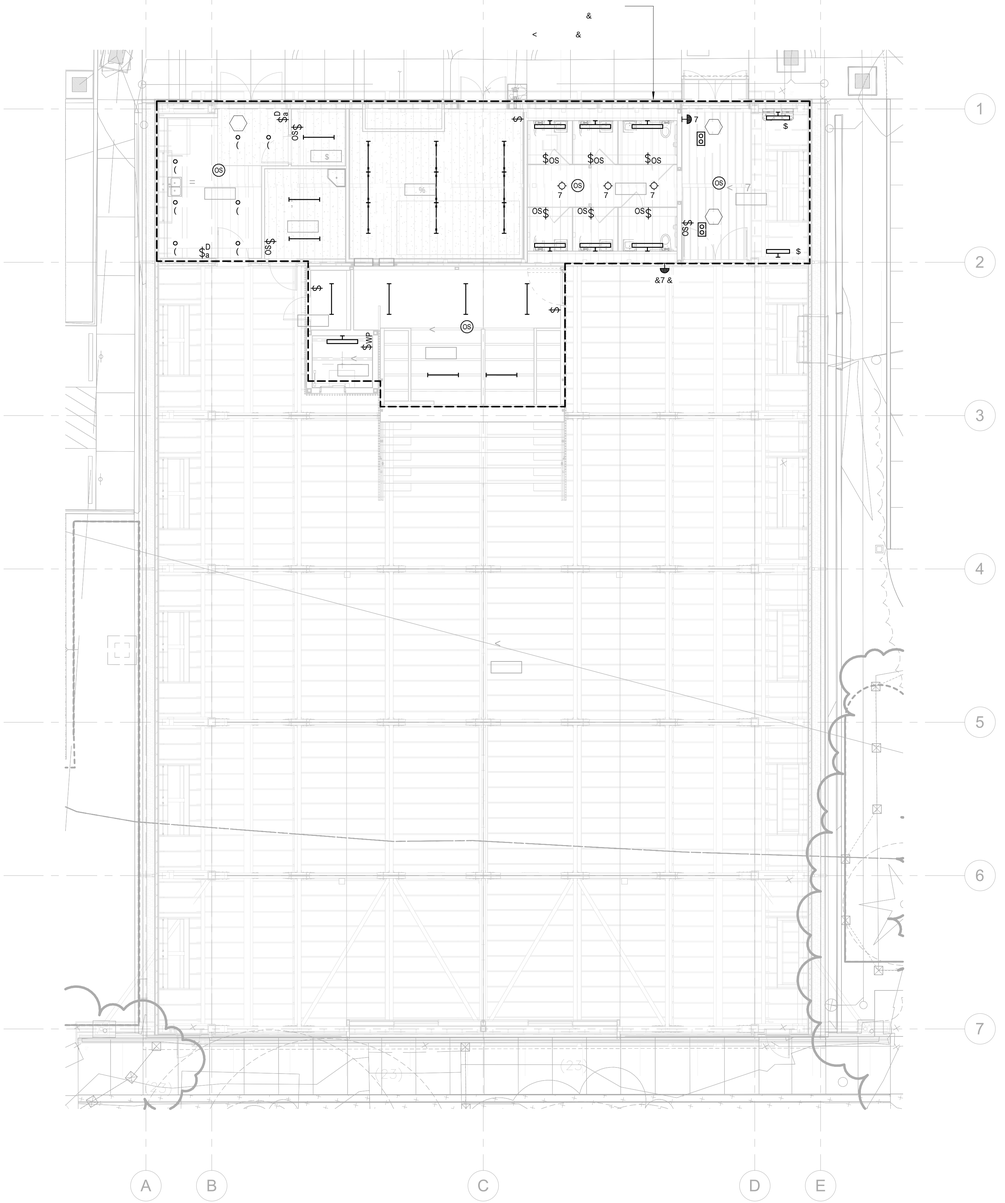


4 SHOP LEVEL LIGHTING PLAN
1/8" = 1'-0"



3 GROUND FLOOR LIGHTING PLAN
1/8" = 1'-0"

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Autodesk Docs://2023/0_ASUW Shell House Renovation/ASUW Shell House_E10C_R24.rvt

GENERAL NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR FINAL DEVICE MOUNTING HEIGHTS AND LOCATIONS.

2. AV LOCATIONS SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR TO PROVIDE PATHWAY, LV SYSTEM GROUNDING AND ROUGH-IN FOR LOW VOLTAGE SYSTEMS. REFER TO AV AND TELECOM DRAWINGS FOR REQUIREMENTS. CONTRACTOR TO COORDINATE THE FINAL LOCATION OF ALL LV SYSTEM DEVICES WITH AV AND ARCHITECTURAL DRAWINGS PRIOR TO DEVICE OR PATHWAY ROUGH-IN.

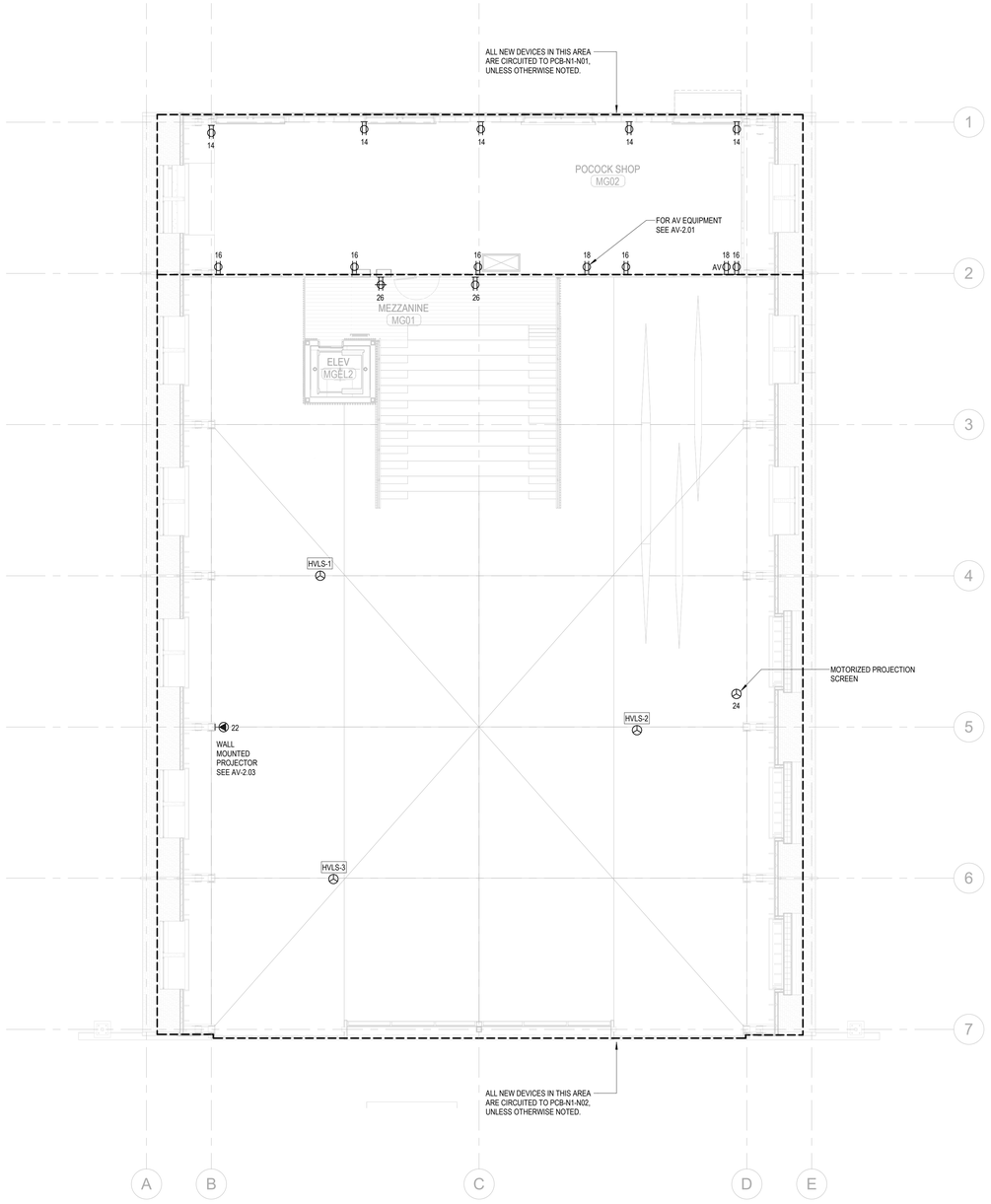
3. REFER TO SHEET E6.01 FOR MECHANICAL EQUIPMENT CONNECTION SCHEDULE. CIRCUITING OF MECHANICAL EQUIPMENT IS PROVIDED IN THE SCHEDULE.

4. REFER TO AV DRAWINGS FOR ALL CONTROLS WIRING AND DEVICES FOR AV EQUIPMENT.

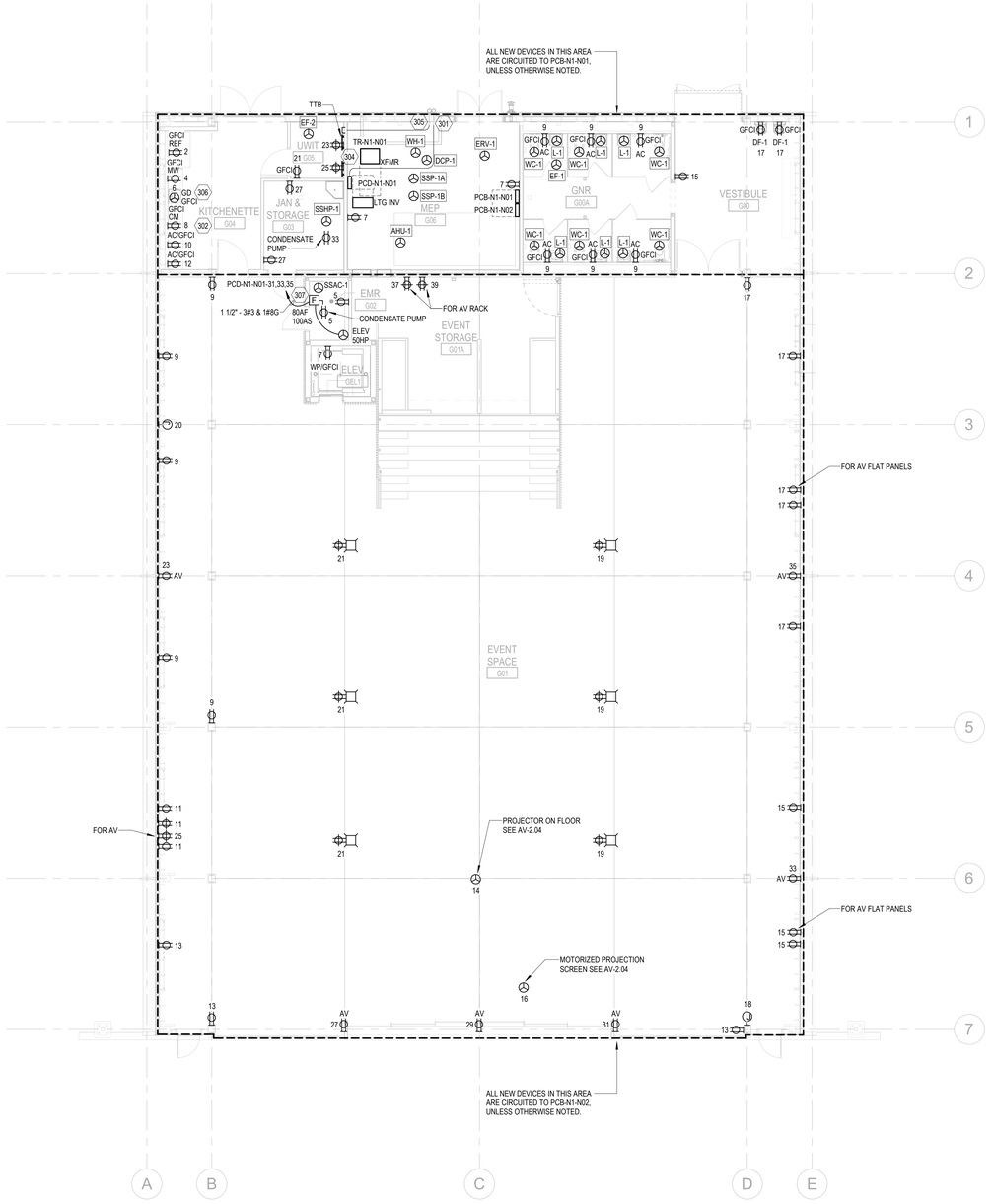
5. REFER TO 1/E701 FOR DETAIL ON PENETRATIONS THROUGH ACOUSTIC PARTITIONS.

Keynote Legend

Key Value	Keynote Text
301	EXTEND EXISTING SERVICE PATHWAY TO NEW MAIN SERVICE PANEL. REFER TO ONE-LINE.
302	PROVIDE ROUGH-IN FOR FUTURE KITCHEN UNDER BASE BID. PROVIDE DEVICES AND WIRING UNDER ALTERNATE BID.
304	TRANSFORMER TO BE LOCATED A MINIMUM OF 12" FROM COMBUSTIBLE SURFACES. PROVIDE WITH MINIMUM CLASS 155 INSULATION.
305	EXTEND EXISTING TELECOM PATHWAY TO NEW UWIT ROOM.
306	PROVIDE ABOVE COUNTER SWITCH AND WIRING FOR CONTROL OF GARBAGE DISPOSAL
307	PROVIDE BUSSMAN POWER MODULE SWITCH (PMS).



2 SHOP LEVEL POWER PLAN
1/8" = 1'-0"



1 GROUND FLOOR POWER PLAN
1/8" = 1'-0"

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Sellen

COFFMAN ENGINEERS
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Seattle, WA 98101
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PRIME ELECTRIC

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

ROBERT M. JEWELL LICENSED ARCHITECT STATE OF WASHINGTON 4/30/25 REGISTERED PROFESSIONAL ARCHITECT

4/30/2025 12:46:39 PM

NO.	DATE	REVISION

PARTNER IN CHARGE
BRM
PROJECT MANAGER
JM
PROJECT ARCHITECT

PROJECT DESIGNER
JM
PROJECT TEAM MEMBERS
RMF
CHECK
BRM

TITLE
POWER PLANS

PROJECT NO.
240256 / UW 206756
DATE
4/25/2025

SHEET NUMBER
E3.01
GMP SET

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ORIGINAL SHEET SIZE 30" x 42"

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4/30/2025 1:21:19 PM

CIRCUITS
EMERGENCY NORMAL

LUMINAIRES

EMERGENCY	NORMAL	
N/A		LUMINAIRE IDENTIFICATION, SEE LUMINAIRES SCHEDULE
N/A		LOWER-CASE LETTER(S) NEAR LUMINAIRE DENOTE SWITCH LEG(S)
		RECESSED RECTANGULAR LUMINAIRE, DRAWN TO SCALE
		SURFACE MOUNTED RECTANGULAR LUMINAIRE, DRAWN TO SCALE
		RECESSED VOLUMETRIC LUMINAIRE, DRAWN TO SCALE
		STRIP LUMINAIRE, LENGTH TO SCALE
		WALL MOUNTED RECTANGULAR LUMINAIRE, LENGTH TO SCALE (NUMBER OF MOUNTING POINTS WILL VARY WITH THE LUMINAIRE LENGTH AND ARE NOT INDICATED.)
		RECESSED DOWNLIGHT LUMINAIRE
		SURFACE MOUNTED CEILING LUMINAIRE
		PENDANT MOUNTED LUMINAIRE
		LINEAR PENDANT MOUNTED LUMINAIRE, LENGTH TO SCALE (NUMBER OF MOUNTING POINTS WILL VARY WITH THE LUMINAIRE LENGTH AND ARE NOT INDICATED.)
		WALL MOUNTED LUMINAIRE
		WALL MOUNTED VERTICALLY ORIENTED LUMINAIRE
		WALL MOUNTED RECESSED LINEAR LUMINAIRE, LENGTH TO SCALE
	N/A	EXIT SIGN, FILLED SIDES INDICATE ILLUMINATED ANNOTATION, ARROWS INDICATE DIRECTIONAL GRAPHICS
	N/A	WALL MOUNTED EXIT SIGN, FILLED SIDES INDICATE ILLUMINATED ANNOTATION, ARROWS INDICATE DIRECTIONAL GRAPHICS
	N/A	EXIT SIGN WITH EMERGENCY BATTERY PACK
	N/A	WALL MOUNTED EXIT SIGN WITH EMERGENCY BATTERY PACK
	N/A	EMERGENCY BATTERY PACK, NUMBER OF LAMPS NOT INDICATED
	N/A	WALL MOUNTED EMERGENCY BATTERY PACK, NUMBER OF LAMPS NOT INDICATED
	N/A	EMERGENCY WITH REMOTE BATTERY PACK, NUMBER OF LAMPS NOT INDICATED
	N/A	WALL MOUNTED EMERGENCY WITH REMOTE BATTERY PACK, NUMBER OF LAMPS NOT INDICATED
		RECESSED LINEAR WALL WASH LUMINAIRE, LENGTH TO SCALE
		LINEAR PENDANT MOUNTED WALL WASH LUMINAIRE, LENGTH TO SCALE
		RECESSED WALL WASH LUMINAIRE
		SURFACE MOUNTED WALL WASH LUMINAIRE
		PENDANT MOUNTED WALL WASH LUMINAIRE
		RECESSED ACCENT LUMINAIRE
		SURFACE MOUNTED ACCENT LUMINAIRE
		PENDANT MOUNTED ACCENT LUMINAIRE
		MONOPOINT LUMINAIRE
N/A		TRACK LIGHTING
N/A		CONTINUOUS SOURCE LUMINAIRE, PATH AS INDICATED
		MULTI-LAMP ACCENT LUMINAIRE, NUMBER OF LAMPS NOT INDICATED
		WALL MOUNTED MULTI-LAMP ACCENT LUMINAIRE, NUMBER OF LAMPS NOT INDICATED
		OVERCOUNTER TASK LUMINAIRE
		UNDERCABINET TASK LUMINAIRE
		FIBER OPTIC REMOTE SOURCE
		STEP LUMINAIRE
		ILLUMINATED SIGN
		WALL MOUNTED ILLUMINATED SIGN
		NIGHT LIGHT
		WALL MOUNTED STROBE LIGHT

WORK DEFINITION

- NEW WORK
- EXISTING
- REMOVE EXISTING
- REMOVE EXISTING ELECTRICAL EQUIPMENT
- FUTURE
- TEMPORARY, AS NOTED
- KEY NOTE
- EQUIPMENT IDENTIFICATION

LIGHTING CONTROLS

- SINGLE POLE SWITCH
- INDICATES WIRELESS CONTROL
- INDICATES BATTERY POWER
- LOWER-CASE LETTER(S) NEAR SWITCH DENOTE SWITCH LEG(S)
- DOUBLE POLE SWITCH
- THREE-WAY SWITCH
- FOUR-WAY SWITCH
- DIMMER SWITCH
- KEY OPERATED SWITCH
- MOMENTARY CONTACT LOW VOLTAGE SWITCH
- OCCUPANCY SENSOR SWITCH
- SWITCH WITH PILOT LIGHT
- PHOTOCELL SWITCH
- TIMER SWITCH
  - COMBINATIONS OF THE ABOVE DESIGNATIONS MAY BE USED
- LOW VOLTAGE CONTROL STATION, # INDICATES STATION IDENTIFICATION
- DIMMING SYSTEM CONTROL PANEL
- EMERGENCY LIGHTING CONTROL UNIT
- LIGHTING CONTROL PANEL
  COMBINATION OCCUPANCY/PHOTO SENSOR SWITCH, CEILING MOUNTED
- OCCUPANCY SENSOR SWITCH, CEILING MOUNTED
- PARTITION SENSOR CONTROL
- PHOTO SENSOR CONTROL
- PHOTO SENSOR CONTROL, CEILING MOUNTED
- RELAY
- LOW VOLTAGE TRANSFORMER

SITE/LANDSCAPE/GARAGE LUMINAIRES

LIGHTING STANDARD: LUMINAIRE, POLE, AND BASE

CIRCUITS
EMERGENCY NORMAL

- POST TOP LUMINAIRE
- ILLUMINATED BOLLARD
- IN-GROUND LUMINAIRE
- ADJUSTABLE IN-GROUND LUMINAIRE
- PENDANT MOUNTED GARAGE LUMINAIRE
- PENDANT MOUNTED SHIELDED GARAGE LUMINAIRE, LINES INDICATE NUMBER AND POSITION OF SHIELD(S)
- SURFACE MOUNTED GARAGE LUMINAIRE
- SURFACE MOUNTED SHIELDED GARAGE LUMINAIRE, LINES INDICATE NUMBER AND POSITION OF SHIELD(S)
- WALL PACK

ABBREVIATIONS

#/C	MULTI-CONDUCTOR, # INDICTATES QUANTITY
(D)	DEMOLISH
(E)	EXISTING
(N)	NEW
(R)	EXISTING TO BE RELOCATED
1/C	SINGLE CONDUCTOR
A	AMPS
A/C	AIR CONDITIONING UNIT
AC	ALTERNATING CURRENT
ACH	ABOVE COUNTER HEIGHT
ACT	ACOUSTICAL CEILING TILE
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJUSTABLE
AF	AMP FRAME
AFC	ABOVE FINISHED CEILING
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALD	ASSISTED LISTENING DEVICE
ALT	ALTERNATE
ARCH	ARCHITECTURAL
AS	AMP SWITCH
AT	AMP TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AV	AUDIO VISUAL
AVG	AVERAGE
AWG	AMERICAN WIRE GAUGE
BC	BONDING CONDUCTOR
BCU	BARE COPPER
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BKR	BREAKER
BLDG	BUILDING
BOF	BOTTOM OF FIXTURE
BOH	BACK OF HOUSE
BTM	BOTTOM
C	CONDUIT
C/W	COMPLETE WITH
CAP	CAPACITY
CATV	COMMUNITY ANTENNA TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CEC	CANADIAN ELECTRIC CODE
CFOI	CONTRACTOR FURNISHED, OWNER INSTALLED
CIRC	CIRCULATING
CKT	CIRCUIT
CL	CENTERLINE
CLG	CEILING
CM	CEILING MOUNTED
CMU	CONCRETE MASONRY UNIT
CO	CONDUIT ONLY
COMM	COMMUNICATIONS
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
CONTR	CONTRACTOR
CPT	CONTROL POWER TRANSFORMER
CPU	CENTRAL PROCESSING UNIT
CR	CRITICAL BRANCH
CT	CURRENT TRANSFORMERS
CTR	CENTER
CU	COPPER
CUH	CABINET UNIT HEATER
D	DEDICATED
DALI	DIGITAL ADDRESSABLE LIGHTING INTERFACE
DC	DIRECT CURRENT
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DISC	DISCONNECT
DIV	DIVISION
DL	DAMP LOCATION
DMX	DIGITAL MULTIPLEX
DMX-RDM	DIGITAL MULTIPLEX REMOTE DEVICE MANAGEMENT
DN	DOWN
DP	DISTRIBUTION PANEL
DPDT	DOUBLE POLE, DOUBLE THROW
DPR	DAMPER
DPST	DOUBLE POLE, SINGLE THROW
DWG	DRAWING
DWH	DOMESTIC WATER HEATER
EA	EACH
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ELEC	ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EM GEN	EMERGENCY GENERATOR
EMT	ELECTRICAL METALLIC TUBING
ENCL	ENCLOSURE
EP	ELECTRIC-PNEUMATIC
EPO	EMERGENCY POWER OFF
EQ	EQUIPMENT BRANCH
EQUIP	EQUIPMENT

ABBREVIATIONS

ETD	EMERGENCY TRANSFER DEVICE
EWC	ELECTRIC WATER COOLER
EXH	EXHAUST
EXP	EXPLOSION PROOF
EXTER	EXTERIOR
F&I	FURNISHED AND INSTALLED
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FB	FLOOR BOX
FCU	FAN COIL UNIT
FLR	FLOOR
FLUOR	FLUORESCENT
FO	FIBER (FIBRE) OPTIC
FOH	FRONT OF HOUSE
FP	FIRE PROTECTION
FPC	FORWARD PHASE CONTROL
FS	FUSIBLE SWITCH
FSCS	FIRE FIGHTER SMOKE CONTROL STATION
FU	FUSE
FVNR	FULL VOLTAGE NON REVERSING
FVR	FULL VOLTAGE REVERSING
G, GND	GROUND
G/Y	GREEN YELLOW
GA	GAUGE
GAL	GALLONS
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI, GFCI	GROUND FAULT (CIRCUIT) INTERRUPTER
H	HOT CONDUCTOR
HC	HORIZONTAL CROSS CONNECT
HD	HAND DRYER
HFF	HANDS FREE FIXTURE
HH	HANDHOLE
HID	HIGH INTENSITY DISCHARGE
HK	HOUSE KEEPING PAD
HM	HORIZONTALLY MOUNTED
HOA	HAND-OFF-AUTO
HOR	HORIZONTAL
HP	HORSEPOWER
HT	HEIGHT
HTG	HEATING
HV	HIGH VOLTAGE
HVCB	HIGH VOLTAGE CIRCUIT BREAKER
HW	HOT WATER
HZ	HERTZ
IC	INTERMEDIATE CROSS CONNECT
ID	INSIDE DIAMETER
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INST	INSTANTANEOUS
IP	INTERNET PROTOCOL
JB	JUNCTION BOX
K	KIRK KEY INTERLOCK
KAIC	KILO-AMPS INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LR	LEGALLY REQUIRED
LS	LIFE SAFETY BRANCH
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND FAULT
LTG	LIGHTING
LV	LOW VOLTAGE
MAU	MAKE UP AIR UNIT
MAX	MAXIMUM
MC	METAL CLAD CABLE
MCA	MINIMUM CIRCUIT AMPS
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCCB	MOLDED CASE CIRCUIT BREAKER
MCP	MOTOR CIRCUIT PROTECTOR
MCT	MAIN CROSS CONNECT
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MET	MAIN EARTHING TERMINAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUG ONLY
MM	MULTIMODE FIBER (FIBRE) OPTIC STRAND
MSB	MAIN SWITCHBOARD
MTD	MOUNTED
MTG	MOUNTING
MTS	MAIN TERMINAL SPACE
MV	MEDIUM VOLTAGE
MVCB	MEDIUM VOLTAGE CIRCUIT BREAKER
MW	MICROWAVE OVEN
N	NEUTRAL
NAC	NOTIFICATION APPLIANCE CIRCUIT
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION

ABBREVIATIONS

NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFE	OWNER FURNISHED EQUIPMENT
OH	OVERHEAD
OL	OVERLOAD
OS	OCCUPANCY SENSOR, OPTIONAL STANDBY
OSP	OUTSIDE PLANT
P	POLE
PA	PUBLIC ADDRESS
PB	PULL BOX
PD	PUNCHDOWN
PF	POWER FACTOR
PNL	PANEL
POE	POINT OF ENTRANCE
POS	POINT OF SERVICE
PR	PAIR
PT	POTENTIAL TRANSFORMERS
PTS	PNEUMATIC TUBE STATION
PTZ	PAN/TILT/ZOOM
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE
PWR	POWER
RA	RETURN AIR
REC	RECESSED
RECP	RECEPTACLE
REQD	REQUIRED
REX	REQUEST TO EXIT
RM	ROOM
RNC	RIGID NON-METALLIC CONDUIT
RO	RACEWAY ONLY
RPC	REVERSE PHASE CUT
RSC, RGS	RIGID STEEL CONDUIT
SCCR	SHORT CIRCUIT CURRENT RATING
SEC	SECURITY
SECT	SECTION
SIM	SIMILAR
SM	SINGLE MODE FIBER OPTIC STRAND
SMR	SURFACE MOUNTED RACEWAY
SPD	SURGE PROTECTED DEVICE
SPDT	SINGLE POLE DOUBLE THROW
SPECS	SPECIFICATIONS
SPST	SINGLE POLE SINGLE THROW
SS	STAINLESS STEEL
ST	SHUNT TRIP
STD	STANDARD
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYS	SYSTEM
TBB	TELECOMMUNICATIONS BACKBONE
TC	TEMPERATURE CONTROL OR TERMINAL CABINET
TE	TELECOMMUNICATIONS ENCLOSURE
TELE	TELEPHONE
TELECOM	TELECOMMUNICATIONS
TEMP	TEMPERATURE
TERM	TERMINAL
TGB	TELECOMMUNICATIONS GROUND BAR
TMGB	TELECOMMUNICATIONS MAIN GROUND BAR
TOF	TOP OF FIXTURE
TP	TAMPER RESISTANT
TR	TELECOMMUNICATIONS ROOM
TSP	TWISTED SHIELDED PAIR
TSTAT	THERMOSTAT
TTB	TELECOM TERMINAL BOARD
TV	TELEVISION
TYP	TYPICAL
UG	UNDERGROUND
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UNV	UNIVERSAL VOLTAGE
UPS	UNINTERRUPTIBLE POWER SUPPLY
USB	UNIVERSAL SERIAL BUS
UTP	UNSHIELDED TWISTED PAIR
UV	UNIT VENTILATOR
V	VOLTS
VA	VOLT-AMPS
VAV	VARIABLE AIR VOLUME
VC	VOLUME CONTROL
VDT	VISUAL DISPLAY TERMINAL
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VIF	VERIFY IN FIELD
VOL	VOLUME
VT	VAPOR TIGHT
W	WIRE, WATT
WAP	WIRELESS ACCESS POINT
WG	WIREGUARD
WL	WET LOCATION
WP	WEATHERPROOF
WT	WATERTIGHT
XFMR	TRANSFORMER
Ø, PH	PHASE

PROJECT NOTES

1. THE ELECTRICAL CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FROM AUTHORITIES HAVING JURISDICTION AND PAY ALL ASSOCIATED FEES.
2. LOCATE JUNCTION AND PULL BOXES AS REQUIRED TO ALLOW ACCESS AFTER EQUIPMENT AND APPURTENANCES ARE INSTALLED. COORDINATE EXACT LOCATIONS WITH THE OTHER TRADES. COORDINATE LOCATIONS AND ELEVATIONS OF ELECTRICAL DEVICES WITH DRAWINGS AND OTHER TRADES PRIOR TO INSTALLATION.
3. PROTECT PERMANENT BUILDING FINISHES FROM DAMAGE DURING CONSTRUCTION PERIOD. PROVIDE PLYWOOD OR SIMILAR MATERIAL UNDER EQUIPMENT OR MATERIALS STORED ON FLOORS, AND IN AREAS WHERE CONSTRUCTION MAY DAMAGE FINISHES. SURFACES OR FINISHES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE COST OF THE CONTRACTOR AT FAULT.
4. CONTRACTORS SHALL COORDINATE LOCATIONS OF FIXTURES AND ELECTRICAL DEVICES INSTALLED IN OR ON THE CEILING WITH ARCHITECTURAL REFLECTED CEILING PLAN. CEILING MOUNTED ELECTRICAL DEVICES SHALL BE MOUNTED IN THE CENTER OF THE CEILING TILES, UNLESS OTHERWISE NOTED.
5. WHERE DIRECTED TO USE OR RETAIN EXISTING CIRCUITS, AND THE CIRCUIT NUMBERS DIFFER FROM THE DRAWING, UPDATE DIRECTORIES AND RECORD DRAWINGS.
6. PROPERLY SUPPORT PER CODE LOW VOLTAGE CABLING NOT IN CONDUIT. IN AREAS SUCH AS CORRIDORS DESIGNATED FOR NEW CEILINGS AND FINISHES, SUPPORT EXISTING ELECTRICAL DEVICES AND EQUIPMENT IN AND ABOVE THE CEILING, INCLUDING CONDUIT AND CABLING. PROVIDE PROPER PERMANENT SUPPORT AS NEEDED TO COMPLY WITH CODE AND TAKE WEIGHT OFF CEILING SUPPORTS. REMOVE AND REINSTALL ELECTRICAL DEVICES AND EQUIPMENT AS NEEDED FOR PAINTING, WALL COVERINGS, CEILINGS, AND FINISH WORK. REFER TO ARCHITECTURAL DRAWINGS. LOW VOLTAGE CABLING LOCATED IN EXPOSED STRUCTURE (CEILING) AREAS SHALL BE INSTALLED IN CONDUIT (OR CABLE TRAY, IF APPLICABLE) AND ROUTED TIGHT TO DECK. INSTALLATIONS NOT IN COMPLIANCE WITH THIS REQUIREMENT SHALL BE REMOVED AND REINSTALLED AT CONTRACTOR'S EXPENSE.
7. WHERE PROJECT PHASING IS INDICATED IN ANY PART OF THE WORKING DOCUMENT PACKAGE, ELECTRICAL CONTRACTOR IS TO PLAN WORK SO AS TO FACILITATE SUCH PHASING.
8. FOR BRANCH CIRCUITS OVER 75' (25 METERS) IN LENGTH (TOTAL ONE WAY) FROM THE PANEL, THE ELECTRICAL CONTRACTOR SHALL CALCULATE THE VOLTAGE DROP AND PROVIDE AN APPROPRIATE CONDUCTOR SIZE TO ACHIEVE NO MORE THAN 3% MAXIMUM ALLOWABLE VOLTAGE DROP.
9. DO NOT SCALE THE DRAWINGS. BECAUSE OF THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS OR OTHER SIMILAR ITEMS WHICH MAY BE REQUIRED TO MAKE A COMPLETE OPERATING SYSTEM. CAREFULLY INVESTIGATE CONDITIONS AFFECTING WORK AND INSTALL WORK IN SUCH MANNER THAT INTERFERENCES BETWEEN PIPES, CONDUITS, DUCTS, EQUIPMENT, ARCHITECTURAL AND STRUCTURAL FEATURES SHALL BE AVOIDED.

DRAWING INDEX

NO.	DRAWING NAME
EL0.00	LEGEND AND ABBREVIATIONS
ELD1.01	LIGHTING DEMOLITION PLANS
EL0.01	LIGHTING SITE PLAN - BASE DESIGN
EL0.02	LIGHTING SITE PLAN - VALUE ADD
EL1.01	LIGHTING PLANS - BASE DESIGN
EL2.01	LIGHTING PLANS - VALUE ADD
EL3.00	LIGHTING SECTION VIEWS
EL5.01	SITE LIGHTING ILLUMINANCE CALCULATIONS
EL5.02	INTERIOR LIGHTING ILLUMINANCE CALCULATIONS
EL6.00	LIGHTING SCHEDULES

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PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

NO. DATE REVISION

PARTNER IN CHARGE

PROJECT MANAGER
SRG

PROJECT ARCHITECT

PROJECT DESIGNER
NT

PROJECT TEAM MEMBERS
IA

CHECK

TITLE
LEGEND AND ABBREVIATIONS

PROJECT NO.
2327300 / UW 206756

DATE
04/30/2025

SHEET NUMBER
EL0.00

GMP SET

ORIGINAL SHEET SIZE: 30" x 42"

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GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR CIRCUITING. LIGHTING DRAWINGS TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS FOR LAYOUT, LUMINAIRE SCHEDULE, AND MOUNTING NOTES. ALERT LIGHTING DESIGNER, ELECTRICAL ENGINEER, OR ARCHITECT WITH CONFLICTS OR QUESTIONS.
2. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTING.
3. WALL LIGHT MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF THE FIXTURE HOUSING. INSTALL JUNCTION BOXES ACCORDINGLY, TO MAINTAIN THE HEIGHT INDICATED.
4. LUMINAIRES SHOWN IN THE BASE DESIGN SHEETS ARE TO BE PROVIDED IN BOTH THE BASE DESIGN AND THE VALUE-ADD DESIGN. THE VALUE-ADD SHEETS SHOW THE BASE DESIGN LUMINAIRES IN A SCREENED LINEWEIGHT, WHILE THE VALUE-ADD LIGHTING IS SHOWN IN A BLACK LINEWEIGHT. BOTH THE BASE LIGHTING AND THE VALUE-ADD LIGHTING ARE INTENDED TO PROVIDE A COMPLETE LIGHTING DESIGN, ON THE VALUE-ADD SHEETS.
5. SEE SHEET E16.00 FOR LIGHTING ZONE CONTROL INTENT.
6. DRILLING OF TRUSSES IS NOT ALLOWED. SIZE AND LOCATION REQUIREMENTS OF DRILLING STUDS IS PER STRUCTURAL. ANY VARIANCE OTHER THAN WHAT IS NOTED ON THE DOCUMENTS MUST BE REVIEWED WITH STRUCTURAL PRIOR TO DRILLING.
7. MAXIMUM FOOTCANDLE TARGET AT WATER'S EDGE IS 0.2 FC.

(#) KEY NOTES

L:01 XST1 INSTALLED AT 15" ABOVE FINISHED GRADE TO CENTER OF LUMINAIRE.

L:09 MOUNTING FOR UTILITY AND WASTE ENCLOSURE TO BE COORDINATED WITH THE DESIGN OF THE ENCLOSURE. INSTALL AT 6'-0" AFG. COORDINATE LOCATION ON SITE WITH LANDSCAPE ARCHITECT.

L:12 INSTALL ON UNDERSIDE OF CANOPY IN STRAIGHT DOWN POSITION. REMOTE DRIVER REQUIRED. LOCATE ON INTERIOR OF BUILDING IN ACCESSIBLE, VENTILATED LOCATION. COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN.

L:20 WIRELESS ACCESS POINT PROVIDED BY UNIVERSITY OF WASHINGTON I.T. DEPARTMENT. PRE-DRILLED HOLE AT 12' AFG FOR ATTACHMENT. POLE BASE PLATE TO PROVIDE ADEQUATE SPACE FOR ADDITIONAL 1" PATHWAY FOR WAP CABLING FROM FOUNDATION UP THROUGH POLE.

EXTERIOR LIGHTING CONTROL INTENT

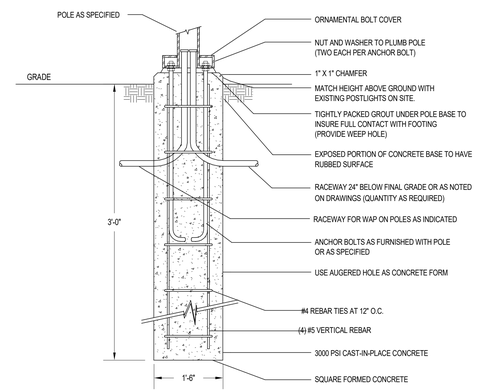
ALL EXTERIOR LIGHTING SHALL BE CONTROLLED PER 2021 SEATTLE ENERGY CODE REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING CONTROLS.

1. DAYLIGHT SHUTOFF.
2. FAÇADE/LANDSCAPE LIGHTING SHUTOFF (N/A).
3. LIGHTING SETBACK THAT REDUCES WATTAGE BY MINIMUM 50% DURING ANY PERIOD WHEN NO ACTIVITY HAS BEEN DETECTED FOR 15 MINUTES OR MORE.
4. EXTERIOR TIME-SWITCH.

1 LIGHTING SITE PLAN

EL0.01 1" = 10'-0"

0 5' 10' 20' 30'
1" = 10'



2 POLE BASE DETAIL

EL0.01 NTC

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PARTNER IN CHARGE

PROJECT MANAGER
SRG
PROJECT ARCHITECT

PROJECT DESIGNER
NT
PROJECT TEAM MEMBERS
IA
CHECK

TITLE
LIGHTING SITE PLAN - BASE DESIGN

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
EL0.01
GMP SET

ORIGINAL SHEET SIZE 30" x 42"

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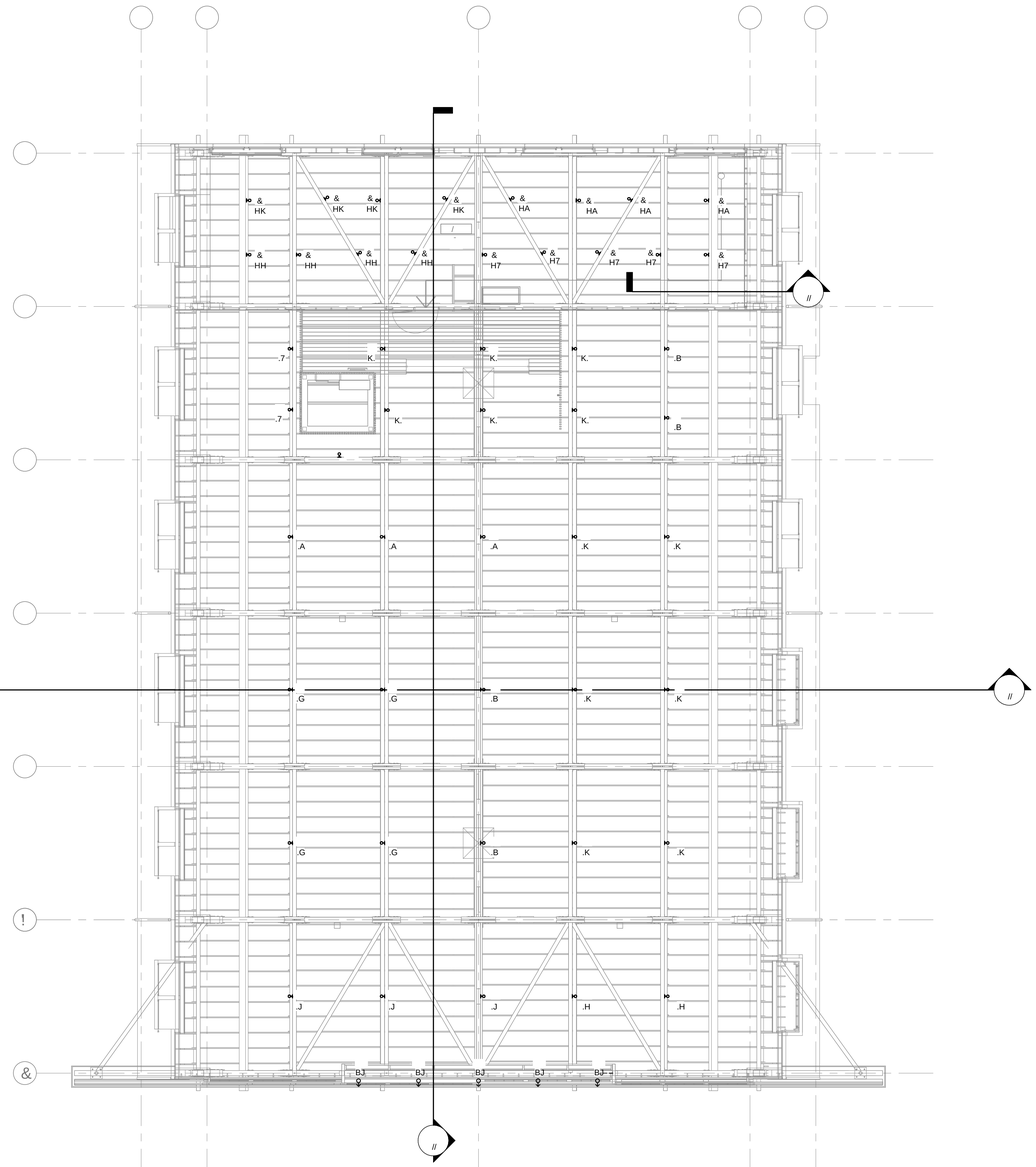

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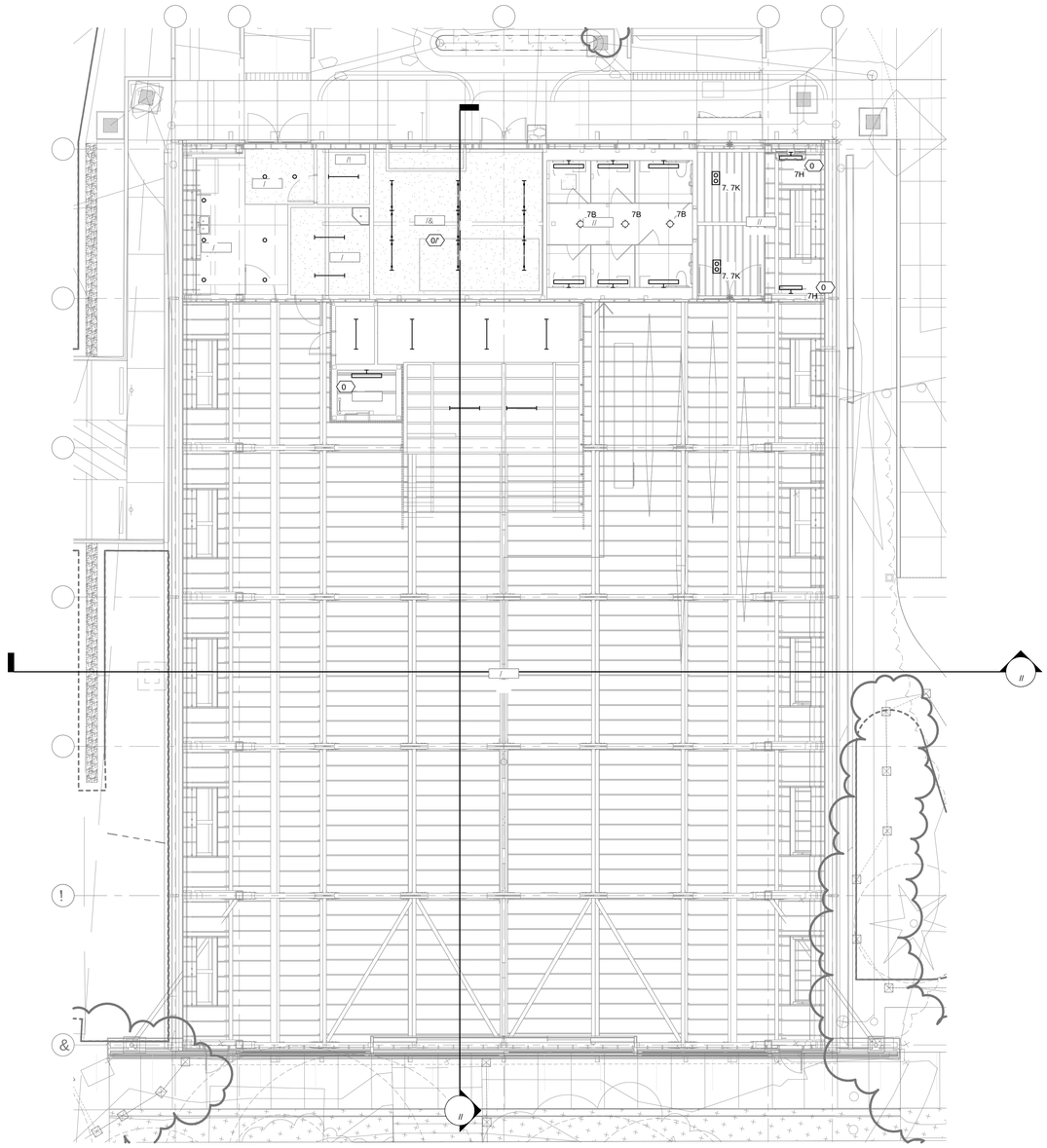

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1 EL5.01 **LIGHTING SITE PLAN**
1" = 10'-0"

0 5' 10' 20' 30'
1" = 10'

GENERAL NOTES

1. REFER TO ELECTRICAL DRAWINGS FOR CIRCUITING. LIGHTING DRAWINGS TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS FOR LAYOUT, LUMINAIRE SCHEDULE, AND MOUNTING NOTES. ALERT LIGHTING DESIGNER, ELECTRICAL ENGINEER, OR ARCHITECT WITH CONFLICTS OR QUESTIONS.
2. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTING.
3. WALL LIGHT MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF THE FIXTURE HOUSING. INSTALL JUNCTION BOXES ACCORDINGLY, TO MAINTAIN THE HEIGHT INDICATED.
4. LUMINAIRES SHOWN IN THE BASE DESIGN SHEETS ARE TO BE PROVIDED IN BOTH THE BASE DESIGN AND THE VALUE-ADD DESIGN. THE VALUE-ADD SHEETS SHOW THE BASE DESIGN LUMINAIRES IN A SCREENED LINEWEIGHT, WHILE THE VALUE-ADD LIGHTING IS SHOWN IN A BLACK LINEWEIGHT. BOTH THE BASE LIGHTING AND THE VALUE-ADD LIGHTING ARE INTENDED TO PROVIDE A COMPLETE LIGHTING DESIGN, ON THE VALUE-ADD SHEETS.
5. SEE SHEET E16.00 FOR LIGHTING ZONE CONTROL INTENT.
6. DRILLING OF TRUSSES IS NOT ALLOWED. SIZE AND LOCATION REQUIREMENTS OF DRILLING STUDS IS PER STRUCTURAL. ANY VARIANCE OTHER THAN WHAT IS NOTED ON THE DOCUMENTS MUST BE REVIEWED WITH STRUCTURAL PRIOR TO DRILLING.
7. MAXIMUM FOOTCANDLE TARGET AT WATER'S EDGE IS 0.2 FC.

KEY NOTES

EXTERIOR LIGHTING CONTROL INTENT

ALL EXTERIOR LIGHTING SHALL BE CONTROLLED PER 2021 SEATTLE ENERGY CODE REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING CONTROLS.

1. DAYLIGHT SHUTOFF:
2. FAÇADE/LANDSCAPE LIGHTING SHUTOFF (N/A).
3. LIGHTING SETBACK THAT REDUCES WATTAGE BY MINIMUM 50% DURING ANY PERIOD WHEN NO ACTIVITY HAS BEEN DETECTED FOR 15 MINUTES OR MORE.
4. EXTERIOR TIME-SWITCH.

MITHUN

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Stantec

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
SRG
PROJECT ARCHITECT

PROJECT DESIGNER
NT
PROJECT TEAM MEMBERS
IA
CHECK

TITLE
SITE LIGHTING ILLUMINANCE CALCULATIONS

PROJECT NO
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
EL5.01
GMP SET

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ORIGINAL SHEET SIZE 36" x 42"

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GENERAL NOTES

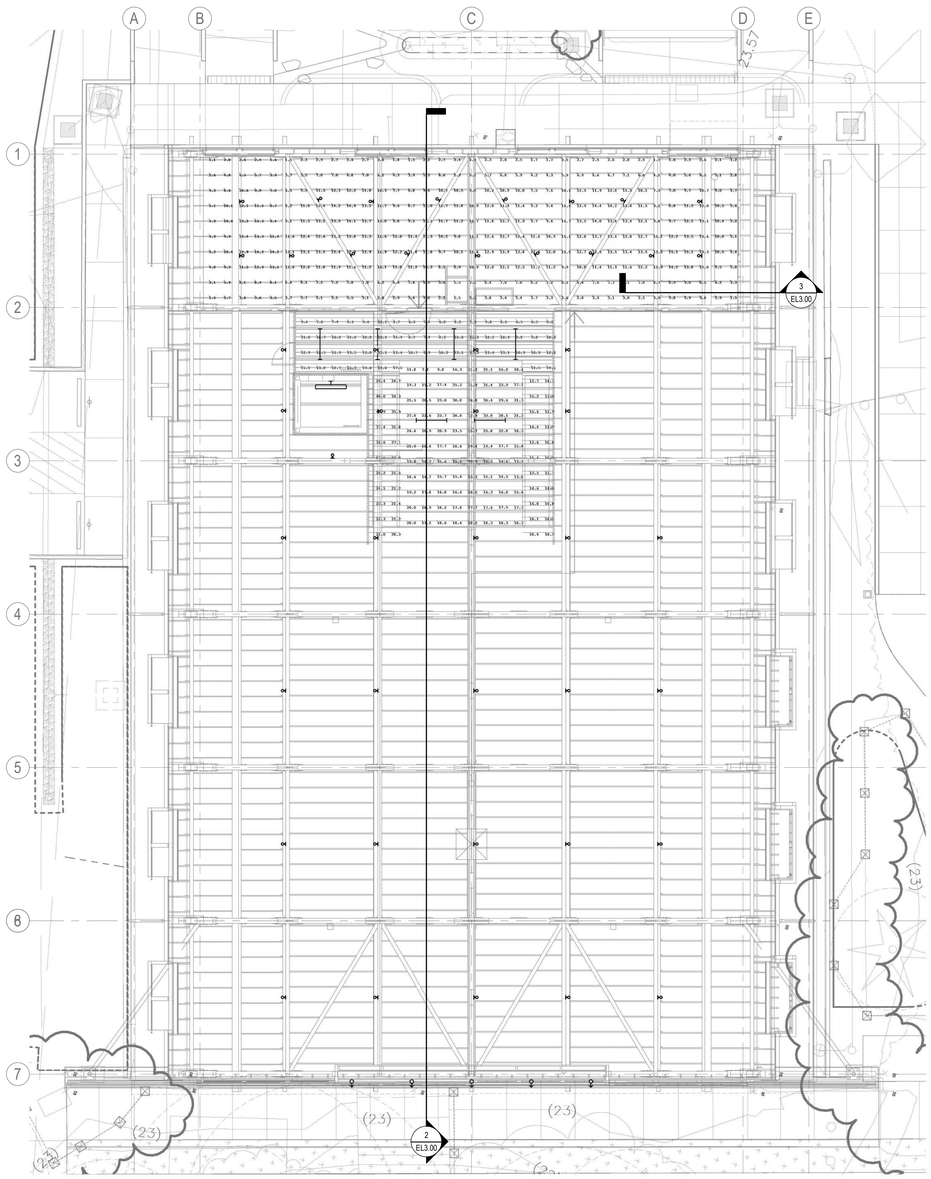
1. REFER TO ELECTRICAL DRAWINGS FOR CIRCUITING. LIGHTING DRAWINGS TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS FOR LAYOUT, LUMINAIRE SCHEDULE, AND MOUNTING NOTES. ALERT LIGHTING DESIGNER, ELECTRICAL ENGINEER, OR ARCHITECT WITH CONFLICTS OR QUESTIONS.
2. REFER TO ELECTRICAL DRAWINGS FOR EMERGENCY LIGHTING.
3. WALL LIGHT MOUNTING HEIGHTS INDICATED ARE TO BOTTOM OF THE FIXTURE HOUSING. INSTALL JUNCTION BOXES ACCORDINGLY, TO MAINTAIN THE HEIGHT INDICATED.
4. LUMINAIRES SHOWN IN THE BASE DESIGN SHEETS ARE TO BE PROVIDED IN BOTH THE BASE DESIGN AND THE VALUE-ADD DESIGN. THE VALUE-ADD SHEETS SHOW THE BASE DESIGN LUMINAIRES IN A SCREENED LINEWEIGHT, WHILE THE VALUE-ADD LIGHTING IS SHOWN IN A BLACK LINEWEIGHT. BOTH THE BASE LIGHTING AND THE VALUE-ADD LIGHTING ARE INTENDED TO PROVIDE A COMPLETE LIGHTING DESIGN, ON THE VALUE-ADD SHEETS.
5. SEE SHEET EL6.00 FOR LIGHTING ZONE CONTROL INTENT.
6. DRILLING OF TRUSSES IS NOT ALLOWED. SIZE AND LOCATION REQUIREMENTS OF DRILLING STUDS IS PER STRUCTURAL. ANY VARIANCE OTHER THAN WHAT IS NOTED ON THE DOCUMENTS MUST BE REVIEWED WITH STRUCTURAL PRIOR TO DRILLING.
7. MAXIMUM FOOTCANDLE TARGET AT WATER'S EDGE IS 0.2 FC.

KEY NOTES

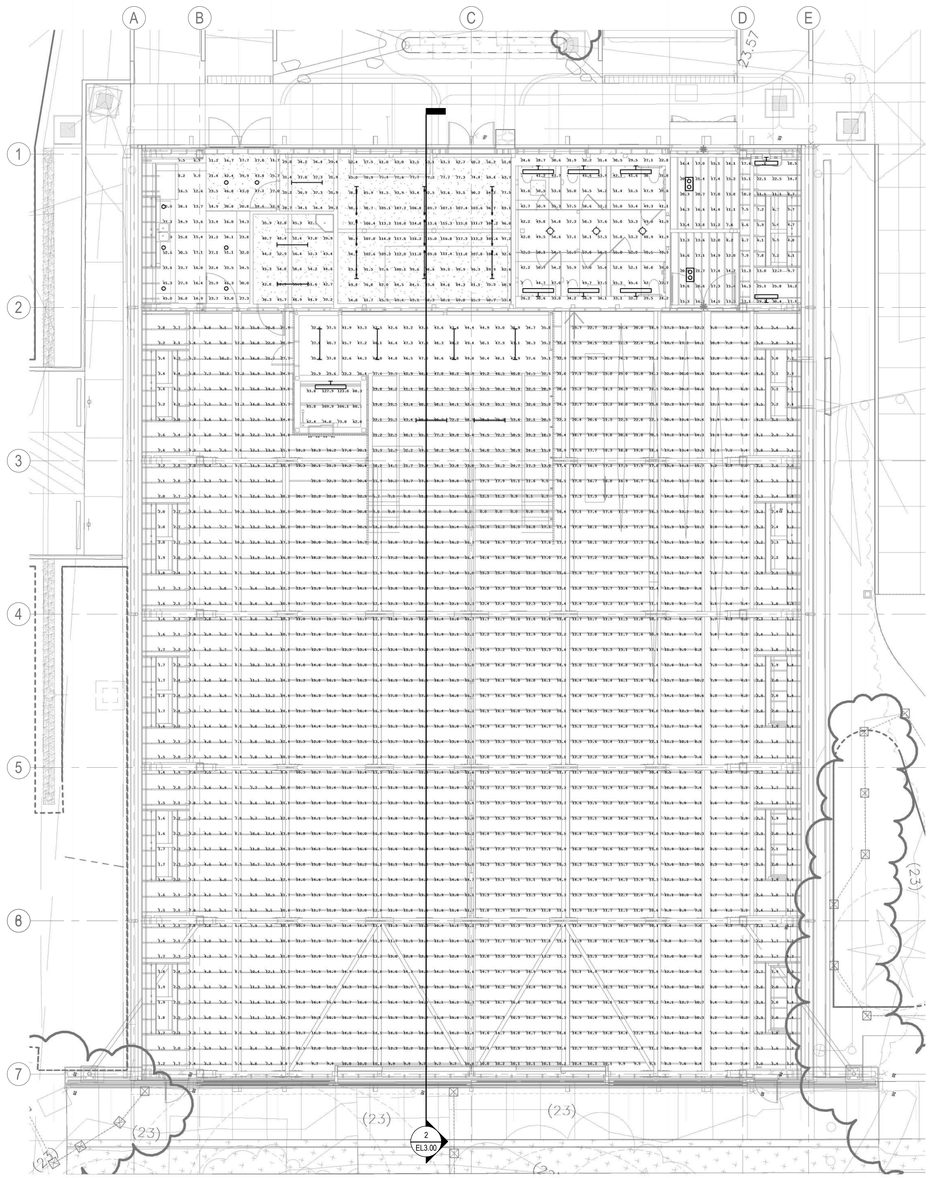
INTERIOR LIGHTING CONTROL INTENT

ALL INTERIOR LIGHTING SHALL BE CONTROLLED PER 2021 SEATTLE ENERGY CODE REQUIREMENTS. REFER TO ELECTRICAL DRAWINGS FOR LIGHTING CONTROLS.

1. OCCUPANCY SENSORS WHERE REQUIRED.
2. TIME SWITCH CONTROLS.
3. MANUAL CONTROLS.
4. DIMMING CONTROLS.
5. DAYLIGHT RESPONSIVE CONTROLS.
6. SEPARATE LIGHTING CONTROLS FOR DISPLAY AND ACCENT LIGHTING THAT IS IN ADDITION TO GENERAL LIGHTING.
7. AREA CONTROLS.



4 EL5.02 **LIGHTING - SHOP LEVEL**
1/8" = 1'-0"



2 EL5.02 **LIGHTING - GROUND FLOOR**
1/8" = 1'-0"

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NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
SRG
PROJECT ARCHITECT

PROJECT DESIGNER
NT
PROJECT TEAM MEMBERS
IA
CHECK

TITLE
INTERIOR LIGHTING ILLUMINANCE CALCULATIONS

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
EL5.02
GMP SET

ORIGINAL SHEET SIZE 36" x 42"

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LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MANUFACTURER	CATALOG/SERIES #	ALTERNATE MANUFACTURERS	LIGHT SOURCE				INPUT		CONTROL		COMMENTS/NOTES
					TYPE	LUMENS	CCT	CRI	WATTS	VOLTS	TYPE	RANGE	
D1	NOT USED.												
D2	SEMI-RECESSED LENSED DOWNLIGHT FOR SHALLOW CEILINGS, 8" DIAMETER X 0.6" PROJECTION FROM CEILING PLANE X 2-9/16" RECESS DEPTH. DIECAST ALUMINUM TRIM IN STANDARD WHITE FINISH.	DMF LIGHTING	S SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	1500	3000K	90+	17	UNV	0-10V	0.01	
D3	RECESSED DOWNLIGHT FOR SHALLOW CEILINGS, 4" APERTURE, 3-3/4" RECESS DEPTH. 60-DEGREE WIDE FLOOD DISTRIBUTION. STANDARD TRIM IN FINISH AS SELECTED BY ARCHITECT.	DMF LIGHTING	M SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	1500	3000K	90+	16.5	UNV	0-10V	0.01	
L1-20 (VALUE-ADD)	SURFACE MOUNTED LINEAR LED TAPELIGHT IN EXTRUDED ALUMINUM CHANNEL, WITH FROSTED LENS AND FIXED CLIP MOUNTING. NOMINAL 0.69" WIDE X 0.3" TALL X LENGTHS PER DRAWINGS. REMOTE DRIVERS.	LUMINII	KENDO S SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	288/FT	3000K	90+	1.9/FT	UNV	0-10V	0.01	SHOP DRAWINGS REQUIRED FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. REMOTE DRIVER IN ACCESSIBLE, VENTILATED LOCATION. PROVIDE ALL PARTS AND PIECES FOR FULLY FUNCTIONAL, CODE-COMPLIANT LED ASSEMBLY, INCLUDING BUT NOT LIMITED TO MOUNTING CLIPS, FEEDS, CONNECTORS, CABLES, AND DRIVERS AS NOTED.
M1A	SURFACE MOUNTED TWO-LAMP ADJUSTABLE DOWNLIGHT/ACCENT LIGHT WITH MEDIUM 30-DEGREE REFLECTOR, HEX CELL LOUVER AND ONE LINEAR SPREAD LENS ACCESSORY FOR ONE LAMP, AND VERY WIDE 70-DEGREE REFLECTOR, HEX CELL LOUVER AND DIFFUSION LENS FOR THE OTHER LAMP. TWO-CIRCUIT CONTROL FOR INDIVIDUAL CONTROL OF THE TWO LAMPS. SHEET METAL HOUSING NOMINAL 10.17" LONG X 5.12" WIDE X 7.92" DEEP. INTEGRAL DRIVER. FINISH AS SELECTED BY ARCHITECT.	LF ILLUMINATION	SNH-C SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	2163	3000K	90+	38	UNV	0-10V	0.01	SUITABLE FOR USE WITH SURFACE MOUNTED JUNCTION BOX AND SURFACE CONDUIT. LUMENS LISTED IS PER LAMP. WATTAGE LISTED IS FOR TWO LAMPS TOTAL (WATTAGE PER UNIT).
S1	SURFACE MOUNTED UTILITY STRIP LIGHT, 4' LONG, WITH FROSTED ACRYLIC LENS.	COLUMBIA	MPS SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	6800	3500K	90+	36.3	UNV	0-10V	0.01	
S1A	SAME AS TYPE S1, EXCEPT PENDANT MOUNTED.	COLUMBIA	MPS SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	6800	3500K	90+	36.3	UNV	0-10V	0.01	
T1 (VALUE-ADD)	SURFACE MOUNTED SINGLE CIRCUIT TRACK, LENGTHS AS SHOWN ON DRAWINGS. EXTRUDED ALUMINUM WITH COPPER BUS WIRES. FINISH AS SELECTED BY ARCHITECT.	WAC LIGHTING	HT2 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	N/A	N/A	N/A	N/A	120	REVERSE PHASE CUT	0.01	PROVIDE UNISTRUT SUPPORTS FOR TRACKS AS INDICATED ON DRAWINGS. PROVIDE ALL COMPONENTS NECESSARY FOR A FULLY FUNCTIONAL, CODE-COMPLIANT TRACK ASSEMBLY, INCLUDING BUT NOT LIMITED TO CONNECTORS, MOUNTING, FEEDS, AND ENDCAPS.
TH1 (VALUE-ADD)	TRACK HEAD NOMINAL 4-1/8" DIAMETER X 7-1/4" HIGH. DIE CAST ALUMINUM CONSTRUCTION, REMOVABLE FRONT CAP WITH CROSS LOUVER FOR GLARE CONTROL FOR EACH, AND ONE LENS ACCESSORY FOR QUANTITIES AS SPECIFIED IN COMMENTS. FOR STAGE AND EXHIBIT LIGHTING IN TWO-STORY SPACE. FINISH AS SELECTED BY ARCHITECT.	WAC LIGHTING	EXTERMINATOR II 1052 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	11780	3000K	90+	46	120	REVERSE PHASE CUT	0.01	FOR THE QUANTITY SHOWN ON THE DRAWINGS, PROVIDE (10) WITH 13-DEGREE REFLECTOR AND FROSTED LENS ACCESSORY. FOR THE REMAINING QUANTITY SHOWN ON THE DRAWINGS, PROVIDE ALL WITH 28-DEGREE REFLECTOR, AND HALF WITH SPREAD LENS, HALF WITH BEAM ELONGATING LENS.
TH2 (VALUE-ADD)	TRACK HEAD NOMINAL 2" DIAMETER X 4-1/2" HIGH. DIEC AST ALUMINUM CONSTRUCTION. REMOVABLE FRONT CAP WITH CROSS LOUVER FOR GLARE CONTROL FOR EACH, AND ONE LENS ACCESSORY FOR QUANTITIES AS SPECIFIED IN COMMENTS. PROVIDE ADDITIONAL LENSES (ABOVE THE TOTAL QUANTITY OF TRACK HEADS) AS INDICATED. FOR EXHIBIT LIGHTING IN SINGLE-STORY SPACE. FINISH AS SELECTED BY ARCHITECT.	WAC LIGHTING	EXTERMINATOR II 1014 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	3715	3000K	90+	13	120	REVERSE PHASE CUT	0.01	LUMENS LISTED IS FOR 23-DEGREE NARROW FLOOD. 37-DEGREE FLOOD HAS 895 LUMENS/1970 CBCP. FOR THE QUANTITY SHOWN ON THE DRAWINGS, PROVIDE 75% WITH 37-DEGREE REFLECTOR AND FROSTED LENS. PROVIDE 25% OF THE QUANTITY WITH 23-DEGREE REFLECTOR AND FROSTED LENS. PROVIDE ADDITIONAL SPREAD LENSES (QUANTITY 10) AND BEAM ELONGATING LENSES (QUANTITY 10) FOR USE DURING FOCUSING.
W1	SURFACE SIDE-MOUNTED CYLINDER DOWNLIGHT, 4" APERTURE, 5-1/2" DIAMETER, 9" HIGH. CLEAR, SEMI-SPECULAR ALZAK REFLECTOR. INTEGRAL DRIVER. WITH SURFACE MOUNTED JUNCTION BOX COVER FOR USE WITH SURFACE MOUNTED CONDUIT. 50-DEGREE BEAM ANGLE. FINISH AS SELECTED BY ARCHITECT.	GOTHAM LIGHTING	INCITO 4WC SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	4500	3000K	90+	46.2	UNV	0-10V	0.01	
W1A	SIMILAR TO TYPE W1, EXCEPT 65-DEGREE BEAM SPREAD.	GOTHAM LIGHTING	INCITO 4WC SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	4500	3000K	90+	46.2	UNV	0-10V	0.01	
W2 (VALUE-ADD)	SURFACE WALL-MOUNTED ASYMMETRIC INDIRECT UPLIGHT NOMINAL 24" WIDE x 8" HIGH X 13-7/8" PROJECTION FROM WALL SURFACE, WITH INTEGRAL DRIVER AND EXTERNAL VISOR FOR GLARE CONTROL. EXTERNAL YOKE WITH INTEGRAL SPLICE COMPARTMENT. MAX CANDELA EMITTED AT 120-DEGREES ABOVE NADIR. FINISH AS SELECTED BY ARCHITECT.	ELLIPTIPAR	S104 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	16756	3000K	90+	152	UNV	0-10V	0.01	CONTRACTOR TO CONFIRM MOUNTING REQUIREMENTS PRIOR TO ROUGH-IN.
W3	SURFACE SIDE-MOUNTED CYLINDER DOWNLIGHT, 4" APERTURE, 5-1/2" DIAMETER, 9" HIGH. CLEAR, SEMI-SPECULAR ALZAK REFLECTOR. INTEGRAL DRIVER. WITH SURFACE MOUNTED JUNCTION BOX COVER FOR USE WITH SURFACE MOUNTED CONDUIT. WIDE BEAM ANGLE (1.2 S/MH). FINISH AS SELECTED BY ARCHITECT.	GOTHAM LIGHTING	EVO 4WC SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	1500	3000K	90+	13.7	UNV	0-10V	0.01	
W4	SURFACE WALL MOUNTED LINEAR VANITY LIGHT WITH SQUARE FROSTED LENS, 3" HIGH X 4' LONG X 3.94" PROJECTION FROM WALL SURFACE. EXTRUDED ALUMINUM HOUSING WITH DIE CAST END CAPS AND FROSTED ACRYLIC LENS. FINISH AS SELECTED BY ARCHITECT.	LITECONTROL	67L-W-D SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	4000	3000K	90+	34	UNV	0-10V	0.01	
W5	SURFACE WALL MOUNTED LINEAR DIRECT DOWNLIGHT, LENSED, WITH LAMBERTIAN DISTRIBUTION. 4.5" HIGH X 3' LONG X 2.7" PROJECTION FROM WALL SURFACE. MOUNTING WILL BE VIA SURFACE JUNCTION BOX OR DIRECT CONDUIT ENTRY. FINISH AS SELECTED BY ARCHITECT.	LITECONTROL	2L-W-D SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	1500	3000K	90+	13.5	UNV	0-10V	0.01	
W6 (VALUE-ADD)	SURFACE WALL MOUNTED LINEAR ASYMMETRIC INDIRECT, ASYMMETRIC DIRECT, 4.5" HIGH X 4' LONG X 2.7" PROJECTION FROM WALL SURFACE. MOUNTING WILL BE VIA SURFACE JUNCTION BOX OR DIRECT CONDUIT ENTRY. FINISH AS SELECTED BY ARCHITECT.	LITECONTROL	2L-W-ID SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	3400	3000K	90+	34.4	UNV	0-10V	0.01	350 LUMENS/FT INDIRECT, 500 LUMENS/FT DIRECT
W7	SURFACE SIDE-MOUNTED CYLINDER DOWNLIGHT, 2" APERTURE, 3-1/8" DIAMETER, 5" HIGH. INTEGRAL DRIVER. WITH SURFACE MOUNTED JUNCTION BOX COVER FOR USE WITH SURFACE MOUNTED CONDUIT. WIDE BEAM ANGLE. FINISH AS SELECTED BY ARCHITECT.	GOTHAM LIGHTING	EVO 2WC SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	500	3000K	90+	6.3	UNV	0-10V	0.01	
XC1	LOW-PROFILE LINEAR LUMINAIRE SURFACE MOUNTED TO UNDERSIDE OF CANOPY. EXTRUDED ALUMINUM ALLOY HOUSING WITH HIGH-PURITY TEMPERED GLASS LENS, NOMINAL 1.3" WIDE X 2.31" HIGH X 8' LONG. PROVIDE WITH MOUNTING CLIP FOR ATTACHMENT TO STEEL CANOPY AND SNAP-ON BLACK CUBE-CELL LOUVER. LUMINAIRE AND ALL CABLES AND CONNECTORS IP66 RATED FOR USE IN WET LOCATIONS.	KELVIX	AC ZOLO 5 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	6400 (800/FT)	3000K	80+	64	UNV	0-10V	0.1	THIS LUMINAIRE IS NOT DLC OR ENERGY STAR LISTED. NO EQUAL AVAILABLE FROM DLC OR ENERGY STAR LISTS. REQUESTING VARIANCE FROM UW. LUMINAIRE REQUIRES REMOTE 24V DRIVER LOCATED IN INTERIOR OF BUILDING, TBD. DIMMING REQUIRED.
XD1	RECESSED ADJUSTABLE ROUND DOWNLIGHT, NOMINAL 2-7/8" DIAMETER X 4-11/16" DEEP. BLACK REFLECTOR. FLAT CUT TRIM TO ALLOW TILTING 0-40 DEGREES. CLEAR, SEMI-SPECULAR REFLECTOR FINISH. SOLITE PATTERN LENS. 15-DEGREE BEAM ANGLE.	GOTHAM	INCITO IC02ADJ SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	1000	3000K	80+	11.9	UNV	0-10V	0.1	
XP1	PEDESTRIAN SCALE LAMP POST, 22" DIAMETER X 4-3/8" DEEP, ON 18-3/4" TALL ANGLED CANTILEVER STEM. TYPE III DISTRIBUTION. DIECAST ALUMINUM CONSTRUCTION WITH PRISMATIC GLASS LENS. 12' TALL, 4" ROUND STRAIGHT ALUMINUM POLE WITH BOLT COVER. IP66/UL LISTED FOR WET LOCATIONS. FINISH AS SELECTED BY ARCHITECT. PROVIDE 1" DIAMETER HOLE FOR WAP CONNECTION BY OTHERS, WHERE INDICATED ON DRAWINGS. B0-U0-G1	AEC ILLUMINATION	LUMINAIRE: SOLED S SERIES POLE: PLF-H12TH4--TNT2H4-XX	OR EQUAL APPROVED PRIOR TO GMP	LED	4010	3000K	80+	40	UNV	0-10V	0.01	PROVIDE COMPLETE WITH CONCRETE FOUNDATION AND BOLT COVERS PER UNIVERSITY OF WASHINGTON STANDARDS.
XP2	SIMILAR TO XP1 EXCEPT TYPE IV DISTRIBUTION. PROVIDE 1" DIAMETER HOLE FOR WAP CONNECTION BY OTHERS, WHERE INDICATED ON DRAWINGS.	AEC ILLUMINATION	LUMINAIRE: SOLED S SERIES POLE: PLF-H12TH4--TNT2H4-XX	OR EQUAL APPROVED PRIOR TO GMP	LED	3590	3000K	80+	40	UNV	0-10V	0.01	PROVIDE COMPLETE WITH CONCRETE FOUNDATION AND BOLT COVERS PER UNIVERSITY OF WASHINGTON STANDARDS.
XST1	WALL-RECESSED STEPLIGHT NOMINAL 15" LONG X 5.5" TALL X 2.5" RECESS DEPTH. LONG DISTRIBUTION. DIECAST ALUMINUM HOUSING WITH REGRESSED LENS AND RIBBED BAFFLE, FINISH AS SELECTED BY ARCHITECT. UL LISTED FOR USE IN WET LOCATIONS.	HYDREL LIGHTING	STEP13 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	386	3000K	80+	11	UNV	0-10V	0.1	THIS LUMINAIRE IS NOT DLC OR ENERGY STAR LISTED. NO EQUAL AVAILABLE FROM DLC OR ENERGY STAR LISTS. REQUESTING VARIANCE FROM UW.
XW1	SURFACE WALL MOUNTED AREA LIGHT SUITABLE FOR DIRECT CONDUIT ENTRY. DIE-CAST ALUMINUM FACTORY-SEALED HOUSING WITH INTEGRAL DRIVER, NOMINAL 6-7/8" WIDE X 7-3/4" HIGH X 4" DEPTH. 20-DEGREE FORWARD-THROW DISTRIBUTION. IP66 RATED FOR USE IN WET LOCATIONS. MANUFACTURER'S STANDARD FINISH AS SELECTED BY ARCHITECT.	WAC LIGHTING	WP-LED119 SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	1030	3000K	80+	19	UNV	0-10V	0.3	THIS LUMINAIRE IS NOT DLC OR ENERGY STAR LISTED. NO EQUAL AVAILABLE FROM DLC OR ENERGY STAR LISTS. REQUESTING VARIANCE FROM UW. CONTRACTOR TO CONFIRM MOUNTING REQUIREMENTS PRIOR TO ROUGH-IN.
XW2	SURFACE WALL MOUNTED ADJUSTABLE TILT DOWNLIGHT, NOMINAL 9" HIGH X 5-1/2" DIAMETER X 8-1/2" DEPTH AND 4-6/16" APERTURE. CLEAR SEMI-SPECULAR SPUN ALZAK REFLECTOR. LOCKING KNUCKLE FOR AIMING ADJUSTMENT WITH TILT UP TO 40-DEGREES AND DOWN -20 DEGREES, WITH +/- 40-DEGREES LEFT/RIGHT ROTATION FROM VERTICAL. UL LISTED FOR USE IN WET LOCATIONS. MANUFACTURER'S STANDARD FINISH AS SELECTED BY ARCHITECT.	GOTHAM LIGHTING	INCITO 4WTRC SERIES	OR EQUAL APPROVED PRIOR TO GMP	LED	2000	3000K	80+	21.5	UNV	0-10V	0.01	CONTRACTOR TO CONFIRM MOUNTING REQUIREMENTS AND ORDER APPROPRIATE ACCESSORIES.
XW3	SURFACE SIDE-MOUNTED CYLINDER DOWNLIGHT, 4" APERTURE, 5-1/2" DIAMETER, 9" HIGH. INTEGRAL DRIVER. WITH SURFACE MOUNTED JUNCTION BOX COVER. WIDE BEAM ANGLE (1.2 S/MH). FINISH AS SELECTED BY ARCHITECT. UL LISTED FOR WET LOCATIONS.	GOTHAM LIGHTING	EVO4WC SERIES (WET)	OR EQUAL APPROVED PRIOR TO GMP	LED	600	3000K	80+	10	UNV	0-10V	0.01	CONTRACTOR TO CONFIRM MOUNTING REQUIREMENTS AND ORDER APPROPRIATE ACCESSORIES.
XW4 (VALUE-ADD)	SURFACE WALL MOUNTED LINEAR SIGN LIGHT, WALLWASH DISTRIBUTION (OR ASYMMETRIC 30X10, TBD). EXTENDED ARM MOUNT, 12" FROM WALL. PROVIDE VISOR ACCESSORY FOR GLARE CONTROL. 4' FIXTURES CONTINUOUS-MOUNTED. UL LISTED FOR WET LOCATIONS.	LUMENPULSE	LUMENFACADE PURE	OR EQUAL APPROVED PRIOR TO GMP	LED	1820	3000K	80+	15	UNV	0-10V	0.01	THIS LUMINAIRE IS NOT DLC OR ENERGY STAR LISTED. NO EQUAL AVAILABLE FROM DLC OR ENERGY STAR LISTS. REQUESTING VARIANCE FROM UW.

LIGHTING LUMINAIRE SCHEDULE NOTES

1 - ALL LIGHTING MUST BE ENERGY STAR OR DESIGN LIGHTS CONSORTIUM LISTED, PER UNIVERSITY OF WASHINGTON DESIGN STANDARDS. A VARIANCE WILL BE REQUESTED FOR CERTAIN TYPES AS NOTED ABOVE.
2 - ALL INTERIOR LIGHTING MUST BE 90+ CRI FOR LEED TARGETS.
3 - EMERGENCY LIGHTING IS VIA INVERTER.

GENERAL LUMINAIRE SCHEDULE NOTES

A. IF DISCREPANCY EXISTS BETWEEN FIXTURE CATALOG NUMBER AND FIXTURE DESCRIPTION, FIXTURE DESCRIPTION SHALL TAKE PRECEDENCE.

LIGHTING CONTROL SCHEDULE

ZONE ID	ZONE DESCRIPTION	SCENE CONTROL	TIMECLOCK	OCCUPANCY / VACANCY	PHOTOSENSOR	AFTER-HOURS SETBACK	SEQUENCE OF OPERATION
aa (VALUE-ADD)	MAIN SPACE UPLIGHTS	X	X				PHOTOSENSOR SETPOINT: CONTINUOUS DIMMING, 10 FC @ FLOOR
ab	MAIN SPACE DOWNLIGHTS - AREA 1	X	X		X		
ac	MAIN SPACE DOWNLIGHTS - AREA 2	X	X		X		
ad	MAIN SPACE DOWNLIGHTS - AREA 3	X	X		X		
ae	MAIN SPACE DOWNLIGHTS - AREA 4 (STAIR)	X	X		X		
af	MAIN SPACE DOWNLIGHTS - AREA 5	X	X		X		
ag	MAIN SPACE DOWNLIGHTS - AREA 6	X	X		X		
ah	MAIN SPACE DOWNLIGHTS - AREA 7	X	X		X		
ai (VALUE-ADD)	MAIN SPACE WEST EXHIBIT LIGHTING 1	X	X				
aj (VALUE-ADD)	MAIN SPACE WEST EXHIBIT LIGHTING 2	X	X				
ak (VALUE-ADD)	MAIN SPACE WEST EXHIBIT LIGHTING 3	X	X				
al (VALUE-ADD)	MAIN SPACE WEST EXHIBIT LIGHTING 4	X	X				
am (VALUE-ADD)	MAIN SPACE SOUTHEAST DOOR LIGHTING	X	X				
an (VALUE-ADD)	MAIN SPACE SOUTHWEST DOOR LIGHTING	X	X				
ao (VALUE-ADD)	MAIN SPACE EAST EXHIBIT LIGHTING 4	X	X				
ap (VALUE-ADD)	MAIN SPACE EAST EXHIBIT LIGHTING 3	X	X				
aq (VALUE-ADD)	MAIN SPACE EAST EXHIBIT LIGHTING 2	X	X				
ar (VALUE-ADD)	MAIN SPACE EAST EXHIBIT LIGHTING 1	X	X				
as (VALUE-ADD)	MAIN STAGE TRACK LIGHTS	X	X				
ba	MEZZANINE DOWNLIGHTS	X	X		X		PHOTOSENSOR SETPOINT: CONTINUOUS DIMMING, 10 FC @ FLOOR
ca (VALUE-ADD)	LOFT UPLIGHTS	X	X				
cb	LOFT DOWNLIGHTS - NORTHWEST	X	X	X	X		MANUAL ON/AUTOMATIC OFF AFTER 20 MINUTES WITH NO ACTIVITY PHOTOSENSOR SETPOINT:...
cc	LOFT DOWNLIGHTS - SOUTHWEST	X	X	X	X		
cd	LOFT DOWNLIGHTS - NORTHEAST	X	X	X	X		
ce	LOFT DOWNLIGHTS - SOUTHEAST	X	X	X	X		
cf (VALUE-ADD)	LOFT TRACK LIGHTS - WEST	X	X				
cg (VALUE-ADD)	LOFT TRACK LIGHTS - EAST	X	X				
da (VALUE-ADD)	MEZZANINE STEP/BENCH LIGHTS	X	X				
ea	VESTIBULE DOWNLIGHTS	X	X		X		PHOTOSENSOR SETPOINT: CONTINUOUS DIMMING, 10 FC @ FLOOR
eb	VESTIBULE ACCENT LIGHTS	X	X				
ec	VESTIBULE WALLWASHERS	X	X				
ed (VALUE-ADD)	VESTIBULE UPLIGHTS	X	X				
ef	RESTROOM CORRIDOR DOWNLIGHTS	X	X		X		PHOTOSENSOR SETPOINT: CONTINUOUS DIMMING, 10 FC @ FLOOR
GNR G00A (EXCEPT CORRIDOR)	LOCAL SWITCH CONTROL			X			MANUAL ON/AUTOMATIC OFF AFTER 20 MINUTES WITH NO ACTIVITY
VESTIBULE G03 / KITCHEN G04	LOCAL DIMMING CONTROLS			X	X		MANUAL ON/AUTOMATIC OFF AFTER 20 MINUTES WITH NO ACTIVITY PHOTOSENSOR SETPOINT: CONTINUOUS DIMMING, 20 FC @ COUNTERTOP
STORAGE G05	LOCAL SWITCH CONTROL			X			MANUAL ON/AUTOMATIC OFF AFTER 20 MINUTES WITH NO ACTIVITY
STORAGE UNDER MEZZ.	LOCAL SWITCH CONTROL			X			
JANITOR G06	LOCAL SWITCH CONTROL			X			
MEP G07	LOCAL SWITCH CONTROL			X			
ELEV. PIT	LOCAL SWITCH CONTROL			X			
fa	EXTERIOR LAMP POSTS		X		X	X	DIM TO 50% AFTER 15 MINUTES WITH NO ACTIVITY
fb	MAIN ENTRY DOWNLIGHT	X	X		X	X	
fc	SECONDARY ENTRY & ELEC. ROOM EXIT		X		X	X	
fd	STEP LIGHTS		X		X		
fe	ADA PARKING AND PATHWAY		X		X	X	
ff	SOUTH EXIT DOORS	X	X		X	X	
fg	DECK DOWNLIGHTS	X	X		X	X	
fh	TRASH ENCLOSURE LIGHTS		X	X	X	X	
fi (VALUE-ADD)	SIGN LIGHTS	X	X		X	X	AUTOMATIC SHUTOFF 1 HOUR AFTER CLOSING TO 1 HOUR BEFORE OPENING

NOTES:
1. ALL SEQUENCES OF OPERATION SHALL COMPLY WITH 2021 SEATTLE ENERGY CODE.
2. TIMECLOCK CONTROLS SHALL BE COMPLIANT WITH 2021 SEATTLE ENERGY CODE, SECTION C405.2.2

MITHUN

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Sellen
Stantec

PROJECT
ASUW SHELL HOUSE RENOVATION

LOCATION
3655 WALLA WALLA RD NE
SEATTLE, WA 98195

PREPARED FOR
UNIVERSITY OF WASHINGTON

UNIVERSITY of WASHINGTON

NO.	DATE	REVISION

PARTNER IN CHARGE

PROJECT MANAGER
SRG
PROJECT ARCHITECT

PROJECT DESIGNER
NT
PROJECT TEAM MEMBERS
IA
CHECK

TITLE
LIGHTING SCHEDULES

PROJECT NO.
2327300 / UW 206756
DATE
04/30/2025

SHEET NUMBER
EL6.00
GMP SET

ORIGINAL SHEET SIZE: 36" x 42"

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