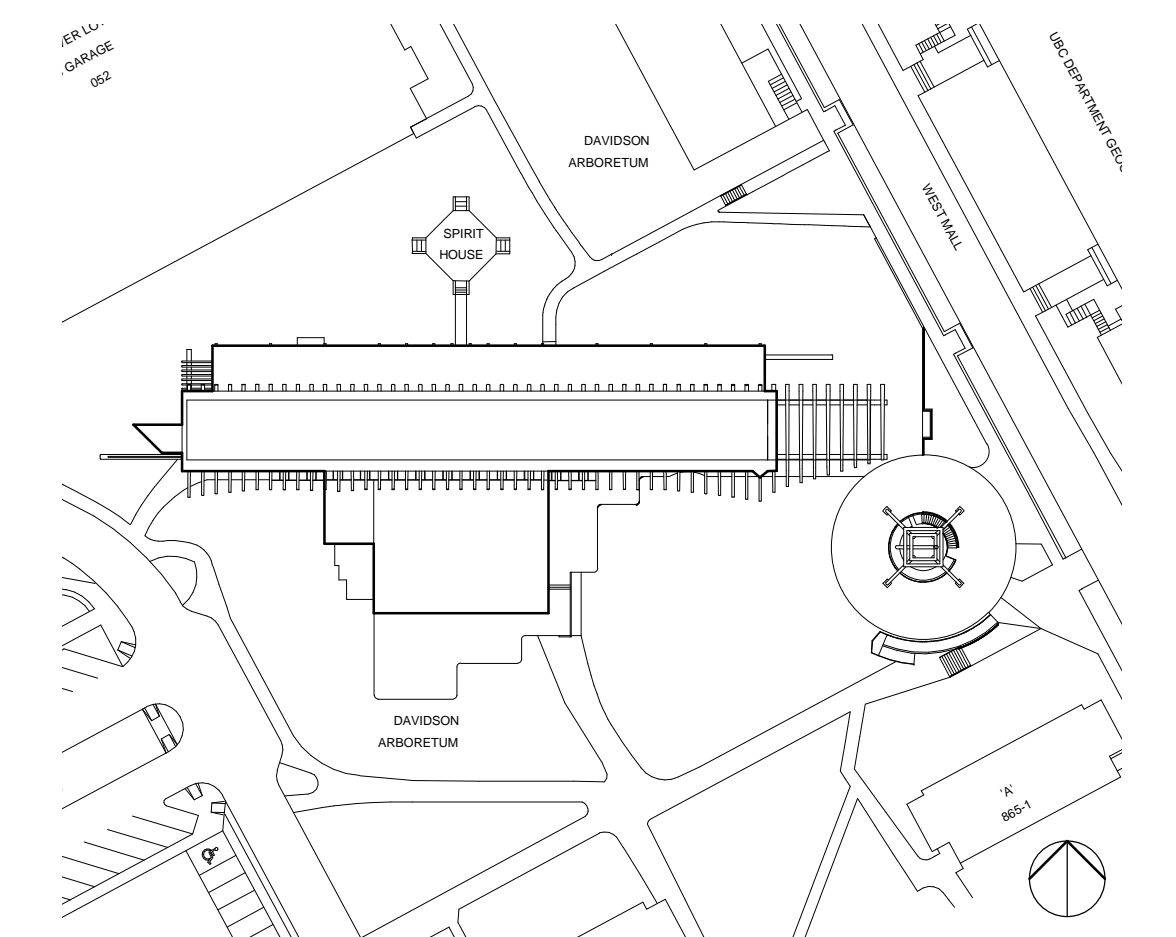
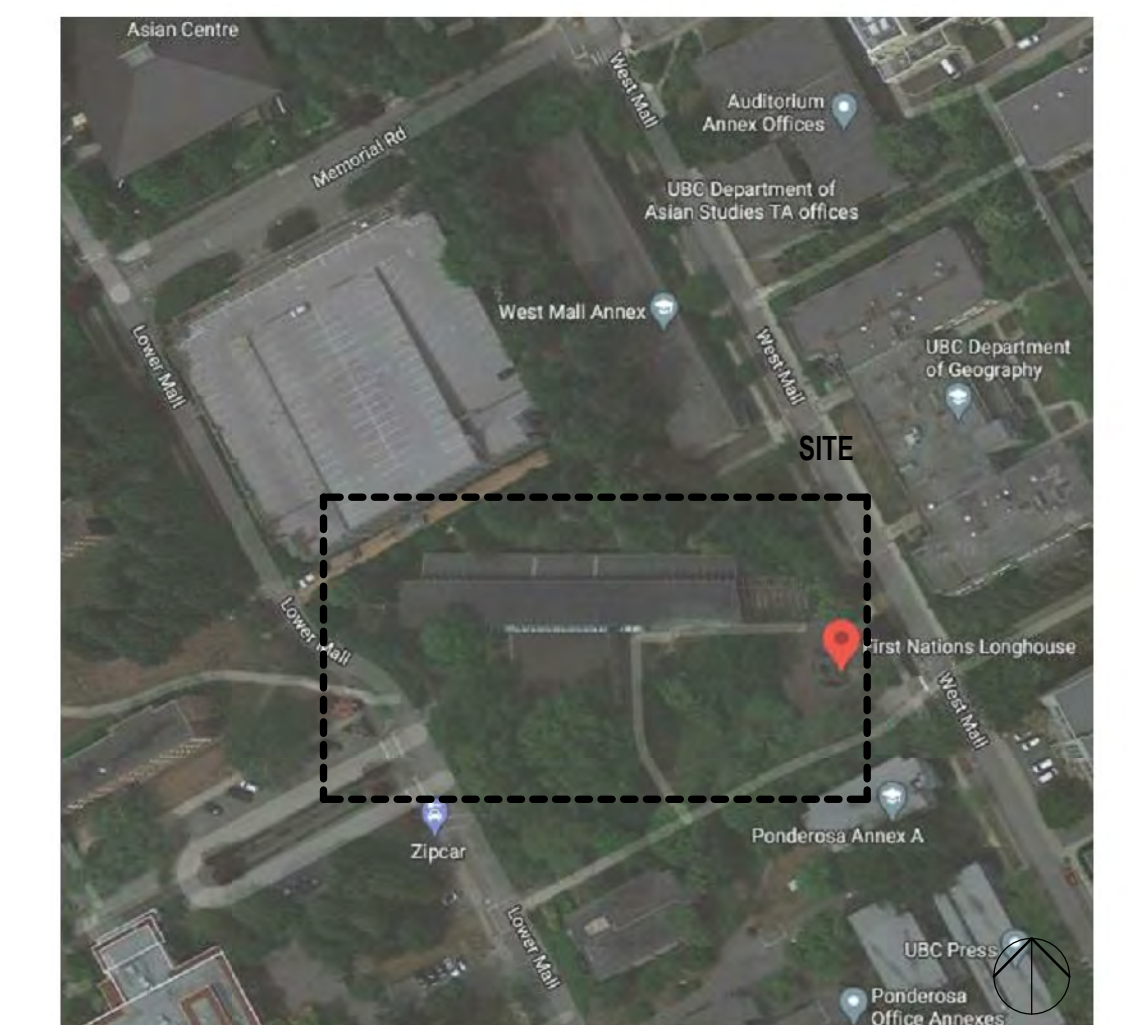


2 LOCATION PLAN
- NTS



3 EXISTING SITE PLAN
- NTS



4 KEY PLAN
- NTS

1 FIRST NATIONS LONGHOUSE EXPANSION 3D VIEW.

PROJECT DATA

BUILDING NAME:
FIRST NATIONS HOUSE OF LEARNING
EXPANSION PROJECT

CIVIC ADDRESS:
1985 WEST MALL, VANCOUVER, BC
V6T 1Z2

PROJECT TEAM

UBC PROJECT MANAGER:
CONTACT: KAREN KOYAMA
TEL: 604-341-3370

MECHANICAL CONSULTANT:

ROCKY POINT ENGINEERING LTD
302-2425 QUEBEC ST
VANCOUVER, BC
V5T 4L6
CONTACT: MARK YEUNG
TEL: 604-685-8807

ELECTRICAL CONSULTANT:

WSP CANADA INC.
#1000 - 840 HOWE ST.
VANCOUVER, BC
V6Z 2M1
CONTACT: ANDY TASHIRO
TEL: 604-685-9381
andy.tashiro@wsp.com

LIST OF DRAWINGS

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- A001 COVER SHEET
- A011 EXISTING SITE PLAN
- A012 SITE PLAN
- A013 OVERALL SITE 3D
- A014 PLAN
- A014.2 PLAN-OPEN DOOR
- A015 OVERHEAD CUT-AWAY VIEW
- A016 OVERALL ELEVATIONS
- A016.2 ELEVATIONS & MATERIALS
- A017 BIRD'S EYE DETAIL VIEWS
- A018 EYE LEVEL VIGNETTES
- A019 INTERIOR VIEWS
- A020 LIBRARY RAILING
- A1.00 EXISTING SITE PLAN
- A1.10 EXISTING OVERALL FLOOR PLAN & ROOF PLAN
- A1.20 EXISTING PARTIAL PLANE/DEMOLITION
- A1.30 EXISTING PARTIAL ROOF PLAN
- A1.40 EXISTING ELEVATIONS/SECTIONS 1
- A1.41 EXISTING ELEVATIONS/SECTIONS 2
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- A3.10 OVERALL FLOOR PLAN & ROOF PLAN
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- A3.40 FLOOR PLAN - FFE
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- A4.01 PROPOSED ELEVATIONS/SECTIONS CROSS SECTIONS
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- A4.20 ELEVATIONS 1-50
- A5.01 WALL SECTIONS
- A5.02 WALL SECTIONS
- A5.03 WALL SECTIONS
- A6.01 INTERIOR ELEVATIONS 1
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- L2.0 LANDSCAPE CONCEPT PLAN
- L3.0 LANDSCAPE PLANTING DETAILS
- L3.1 LANDSCAPE PAVING DETAILS

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- M1.00 FOUNDATION MECHANICAL DEMOLITION PLAN
- M2.00 NEW FOUNDATION MECHANICAL PLAN
- M3.00 ABOVE GRADE PLUMBING FLOOR PLAN
- M3.01 FIRE PROTECTION FLOOR PLAN
- M3.02 HVAC FLOOR PLAN
- M4.00 DETAILS, SCHEMATICS, & SCHEDULES

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- E-11 OVERALL PLAN - DEMOLITION ELECTRICAL
- E-12 OVERALL PLAN - PROPOSED ELECTRICAL
- E-21A PROPOSED FLOOR PLAN - LIGHTING
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- E-31 SINGLE LINE DIAGRAM, SCHEDULES & ELECTRICAL DETAILS

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02	APR 22, 2021	ISSUED FOR DP
01	MAR 12, 2021	ISSUED FOR 50%
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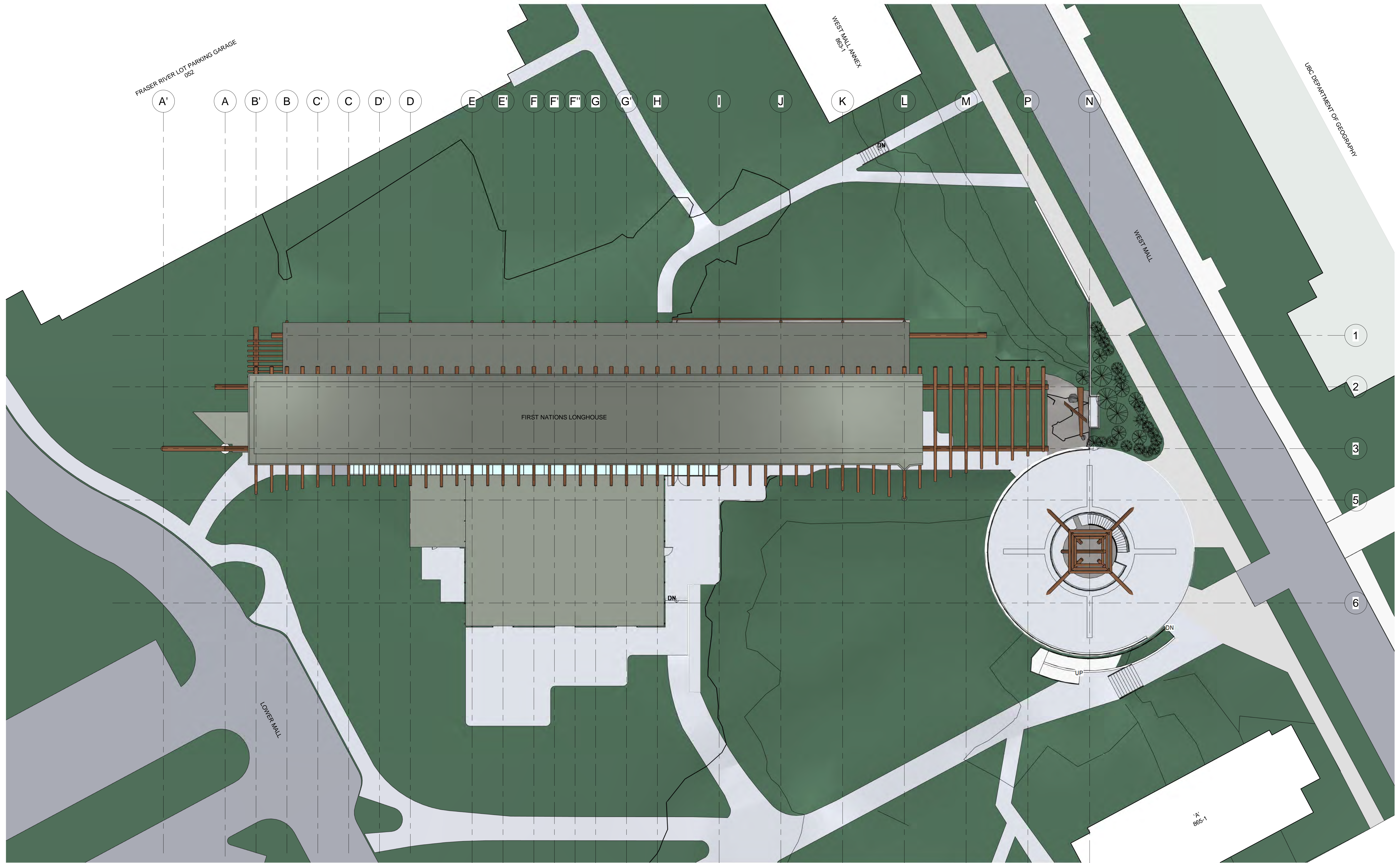
**UNIVERSITY OF BRITISH COLUMBIA
FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

COVER SHEET

A001

DRAWN	SCALE	PROJECT	DATE
RJ	NTS	20UBC12	APR 22, 2021

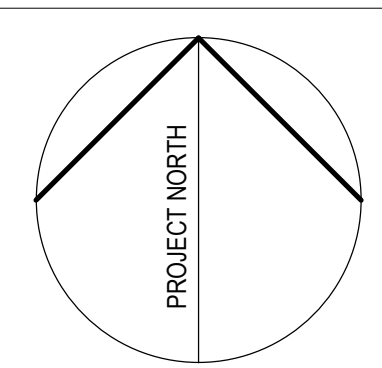


1 SITE PLAN - EXISTING
1 : 200

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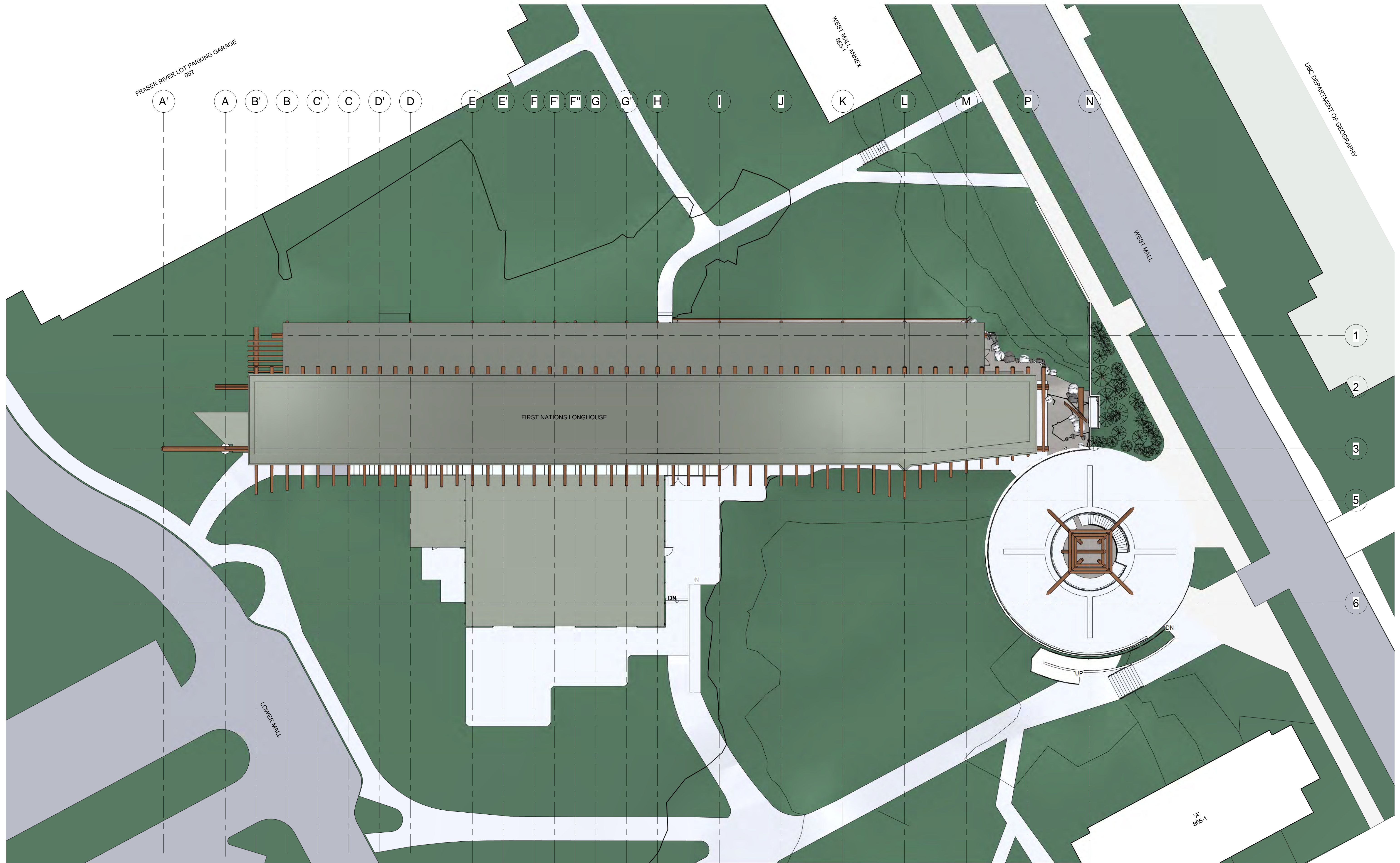
**UNIVERSITY OF BRITISH COLUMBIA
 FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

EXISTING SITE PLAN

A011

DRAWN	SCALE	PROJECT	DATE
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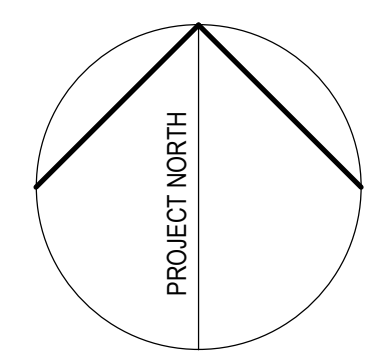


1 SITE PLAN
1 : 200

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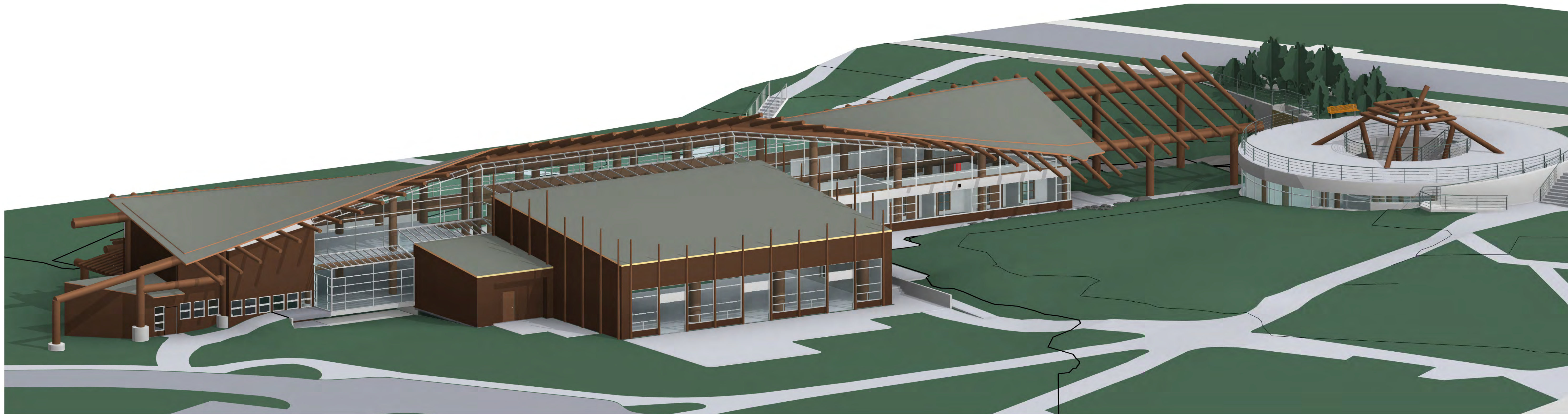
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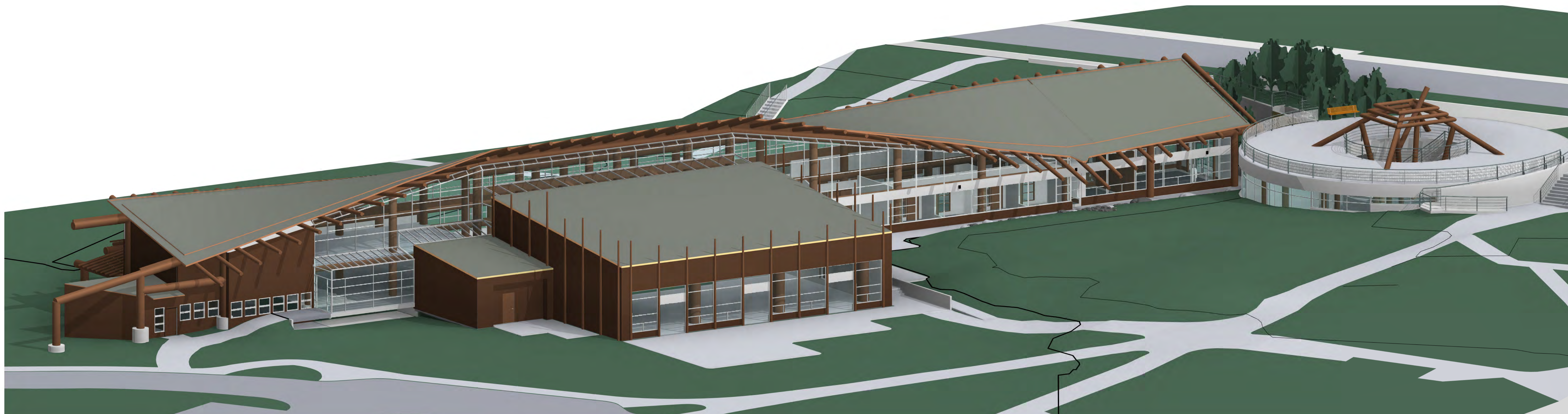
**UNIVERSITY OF BRITISH COLUMBIA
 FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

SITE PLAN			
A012			
DRAWN	SCALE	PROJECT	DATE
RJ	1:200	20UBC12	APR 22, 2021



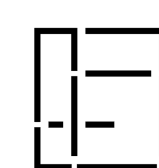
1 OVERALL VIEW OF EXISTING BUILDING.



2 OVERALL VIEW WITH PROPOSED EXPANSION.

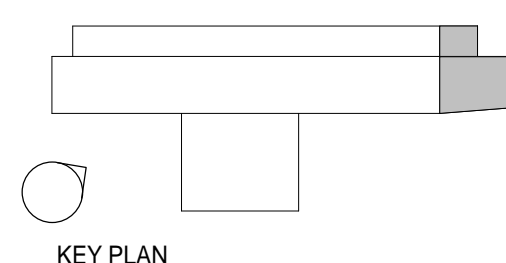
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KEY PLAN



**UNIVERSITY OF BRITISH COLUMBIA
FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

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OVERALL SITE 3D

A013

DRAWN	SCALE	PROJECT	DATE
RJ	NTS	20UBC12	APR 22, 2021

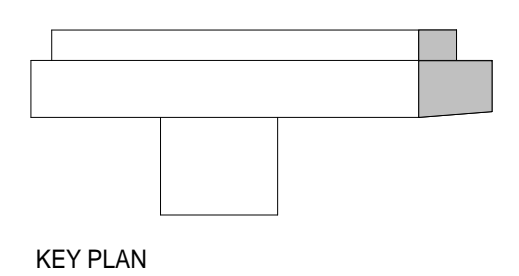
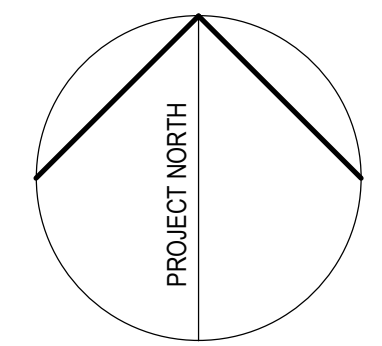


1 PLAN
1:50

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**UNIVERSITY OF BRITISH COLUMBIA
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PLAN			
A014			
DRAWN	SCALE	PROJECT	DATE
RJ	1:50	20UBC12	APR 22, 2021

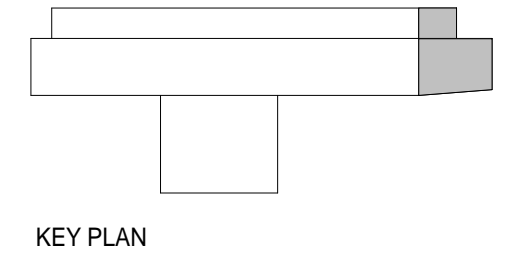
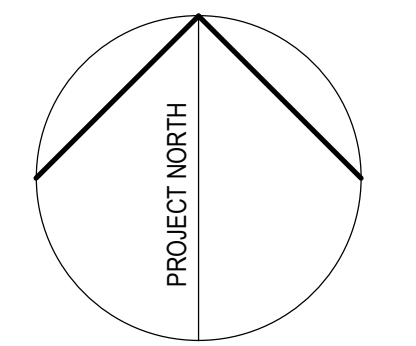


1 PLAN - OPEN DOOR
1:50

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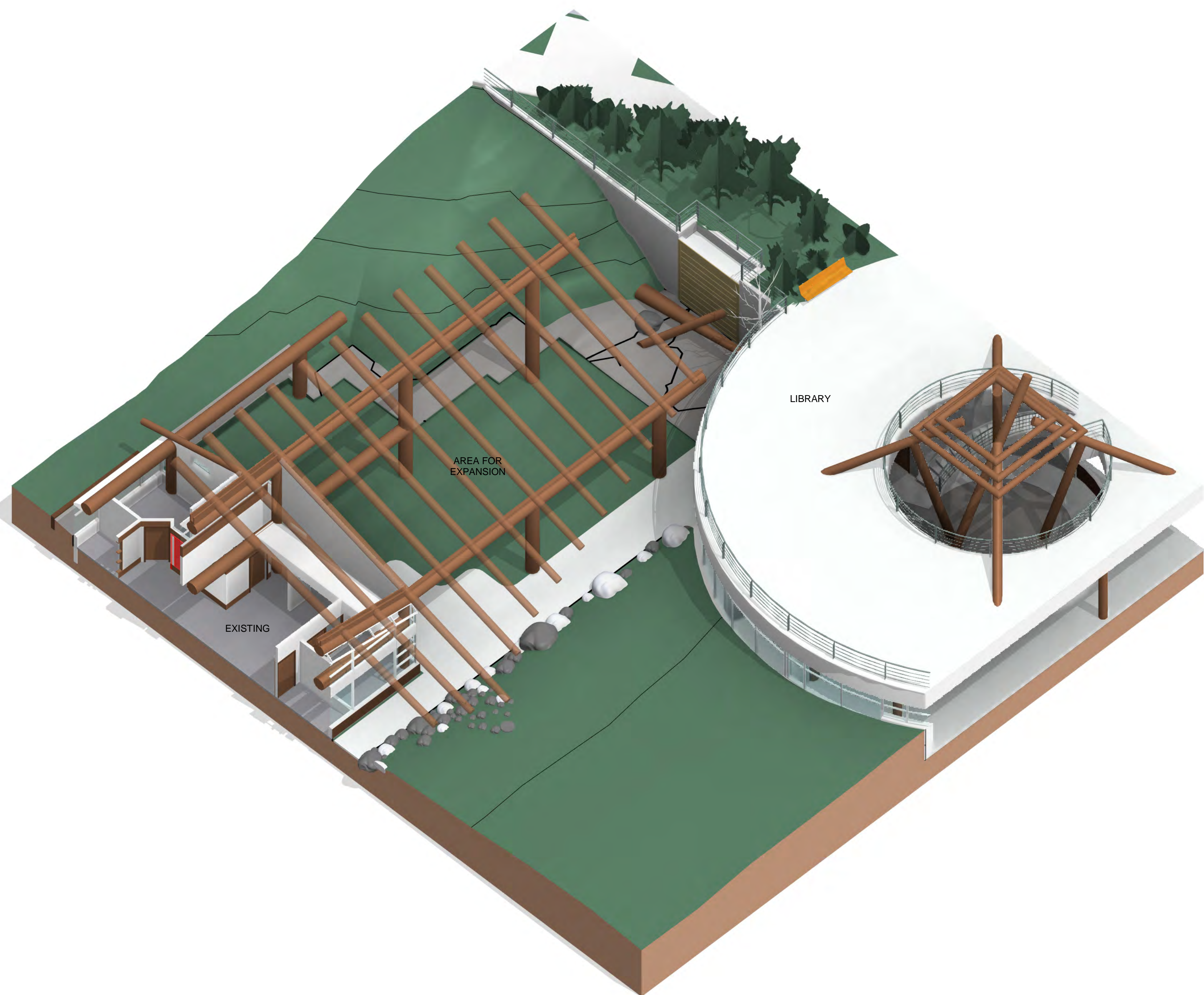
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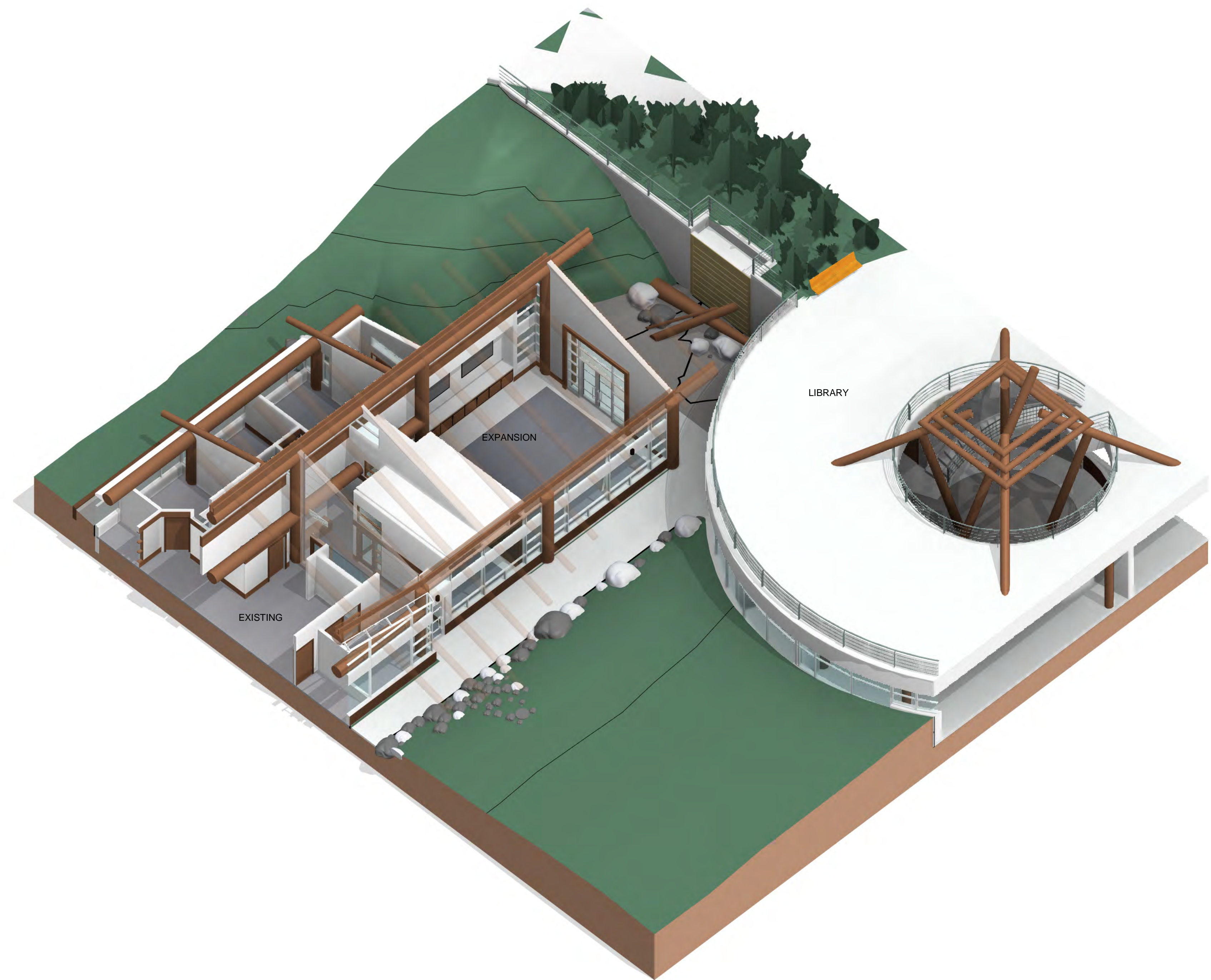
**UNIVERSITY OF BRITISH COLUMBIA
 FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

PLAN - OPEN DOOR			
A014.2			
DRAWN	SCALE	PROJECT	DATE
RJ	1:50	20UBC12	APR 22, 2021



1 OVERHEAD CUT-AWAY VIEW OF EXPANSION AREA (EXISTING).



2 OVERHEAD CUT-AWAY VIEW OF EXPANSION AREA (PROPOSED).

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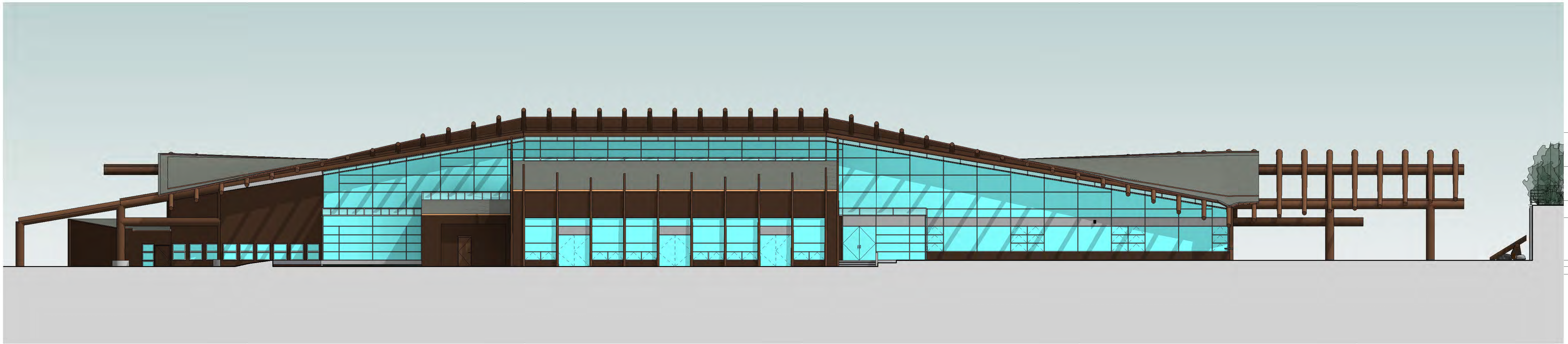
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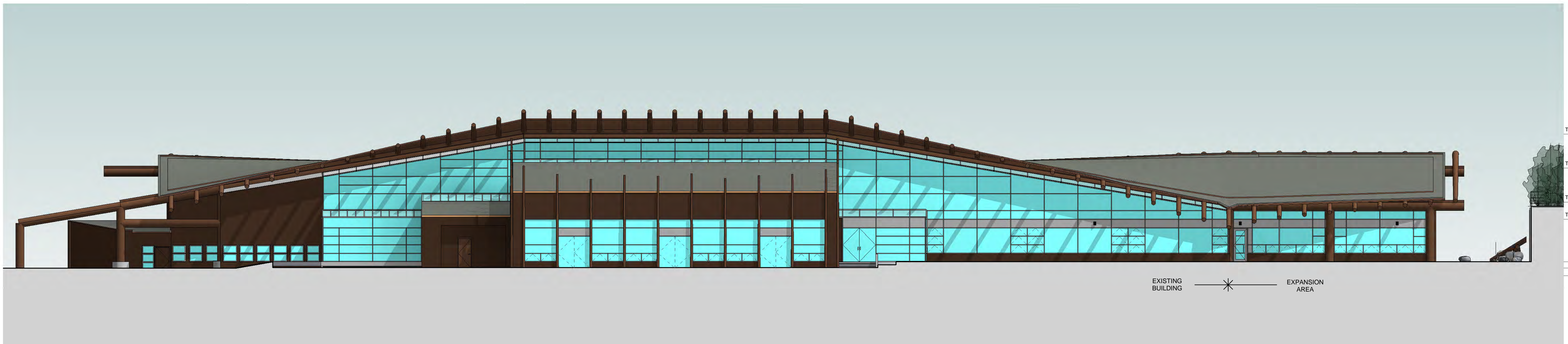
1985 West Mall, Vancouver, BC V6T 1Z2

OVERHEAD CUT-AWAY VIEW			
A015			
DRAWN RJ	SCALE NTS	PROJECT 20UBC12	DATE APR 22, 2021



- T/O WDBM 4 9135
- T/O WDBM 3 6705
- T/O WDBM 2 4265
- T/O WDBM 1 3045
- Level 1 0
- Level 1 B -450
- Level 1 C -1000

1 SOUTH ELEVATION - EXISTING VIEW.
1:130



- T/O WDBM 4 9135
- T/O WDBM 3 6705
- T/O WDBM 2 4265
- T/O WDBM 1 3045
- Level 1 0
- Level 1 B -450
- Level 1 C -1000

EXISTING BUILDING * EXPANSION AREA

2 SOUTH ELEVATION - PROPOSED VIEW.
1:130

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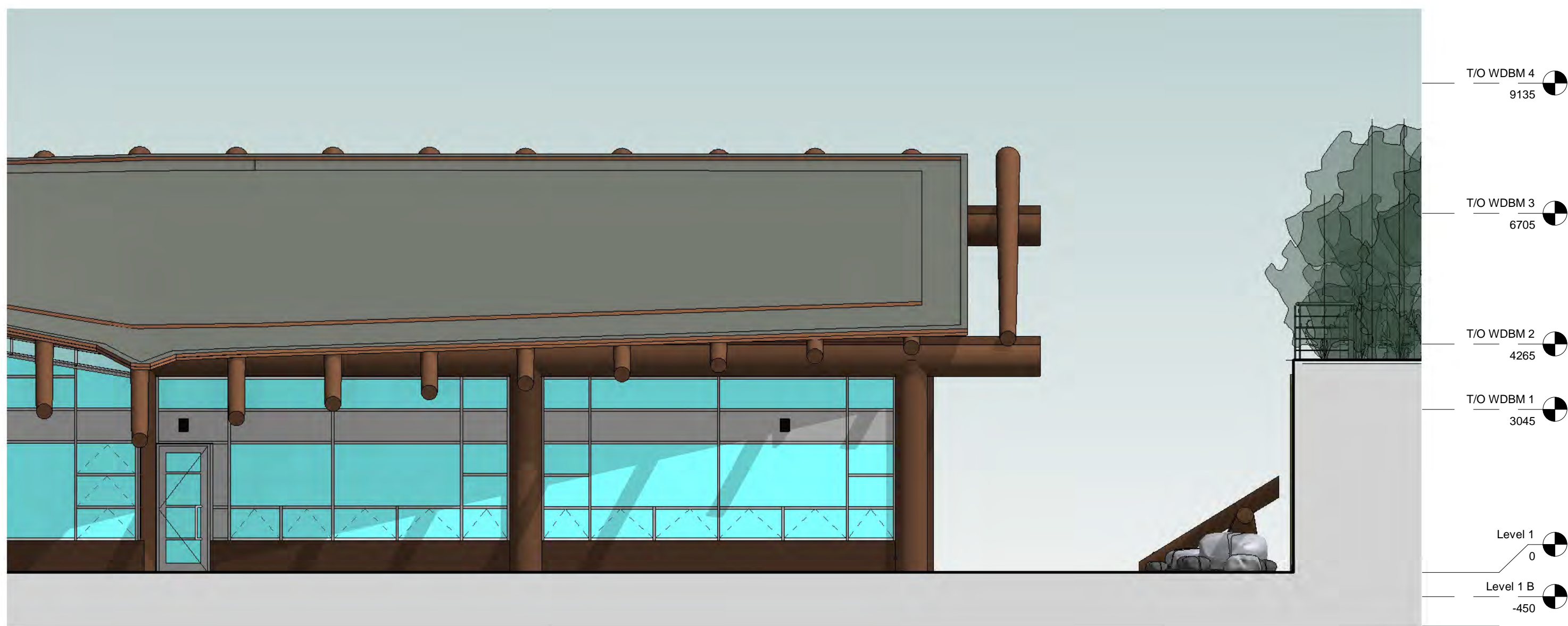
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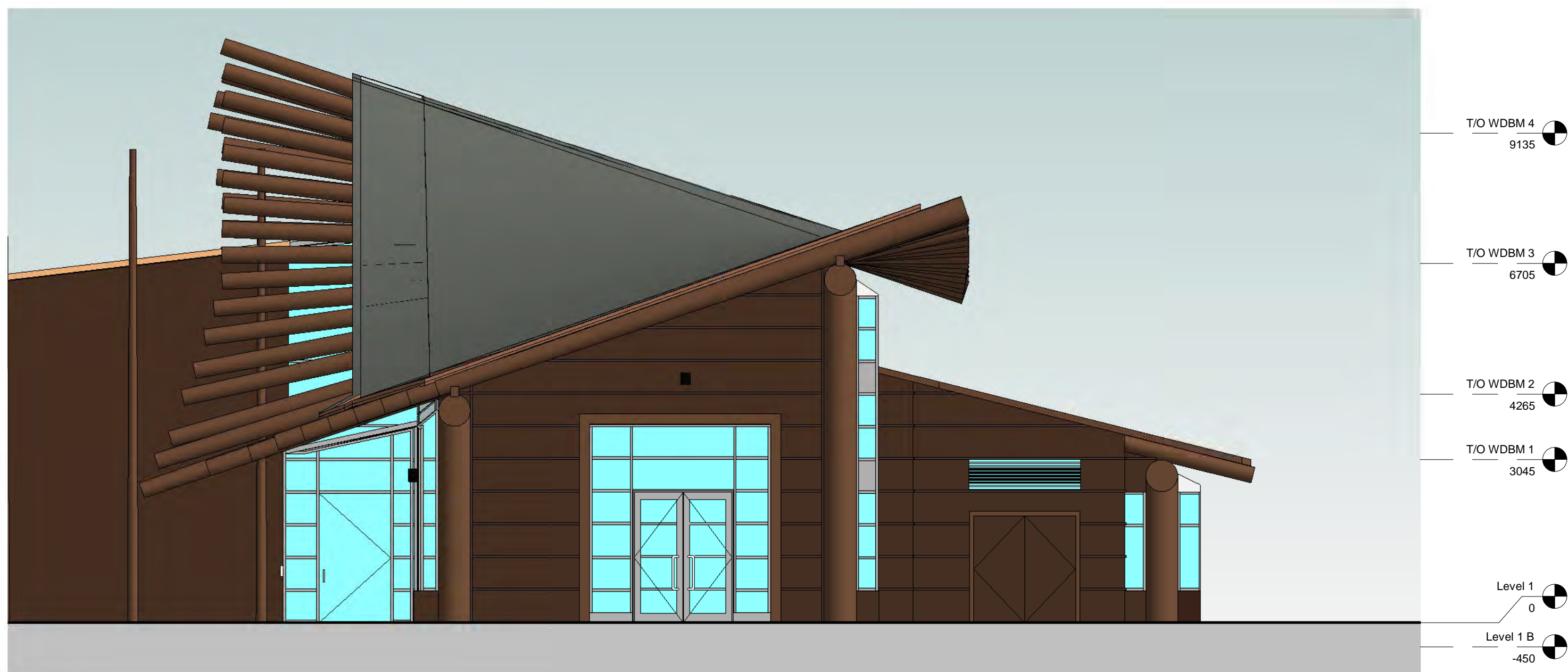
OVERALL ELEVATIONS

A016

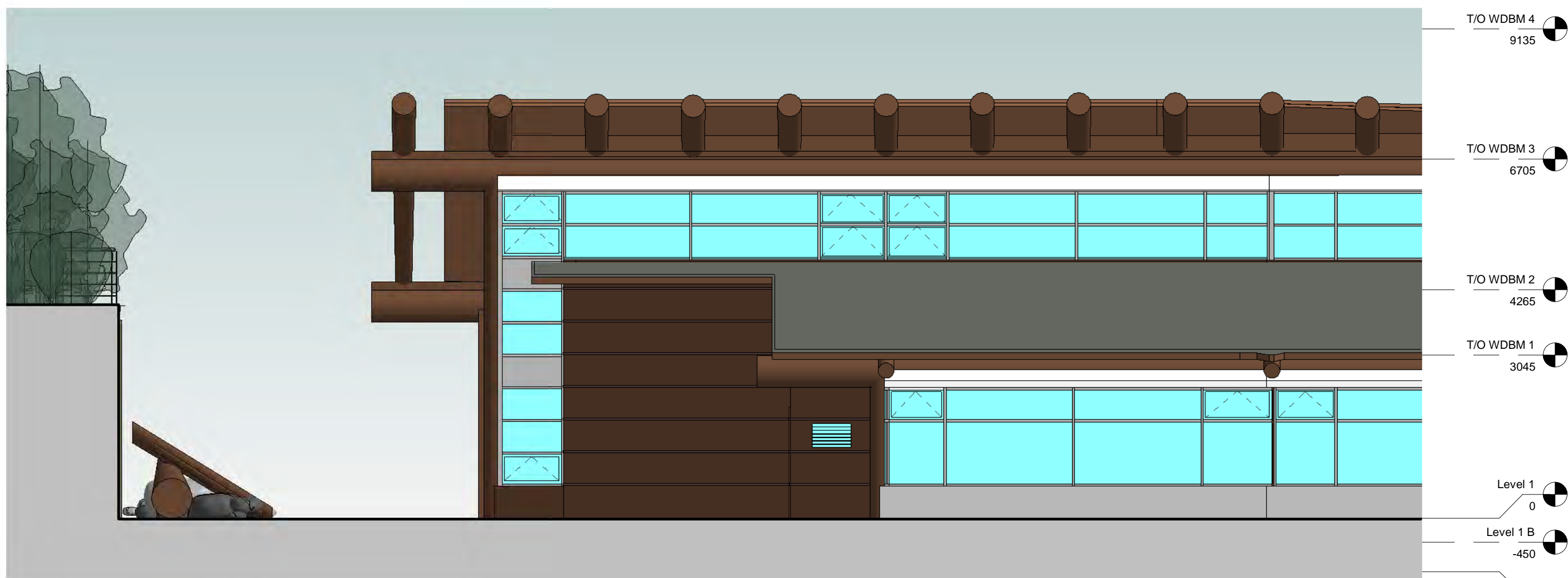
DRAWN	SCALE	PROJECT	DATE
RJ	1:130	20UBC12	APR 22, 2021



1 SOUTH ELEVATION - RENDER VIEW 1.50
1 : 75



2 EAST ELEVATION - RENDER VIEW 1.50
1 : 75



3 NORTH ELEVATION - RENDER VIEW 1.50
1 : 75



P1 ROOF



P2 GLAZING SYSTEM



P3 GLAZING CORNER



P4 WOOD SIDING



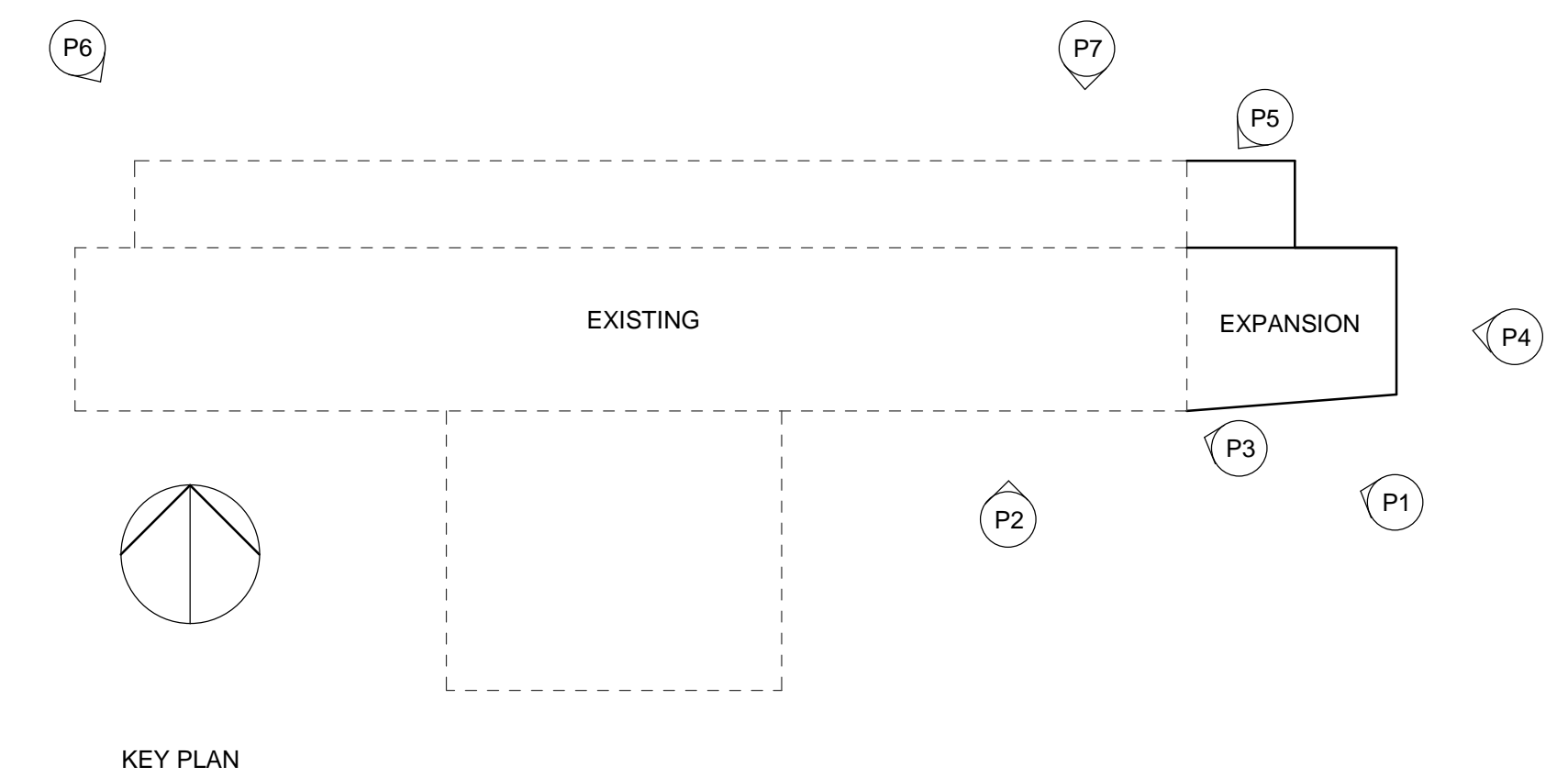
P5 EXPOSED TIMBER



P6 LOWER ROOF



P7 CLERESTORY



KEY PLAN

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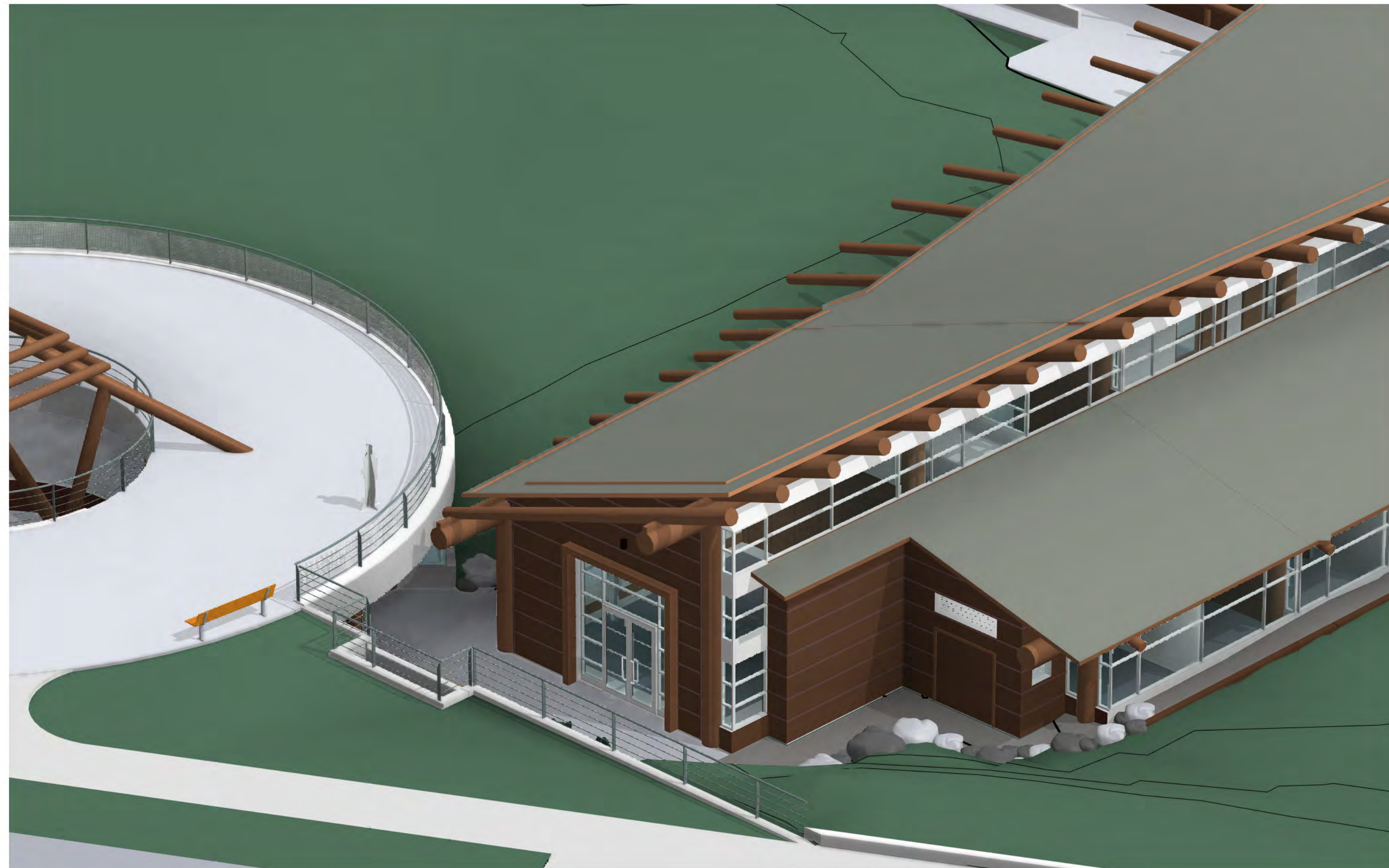
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FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

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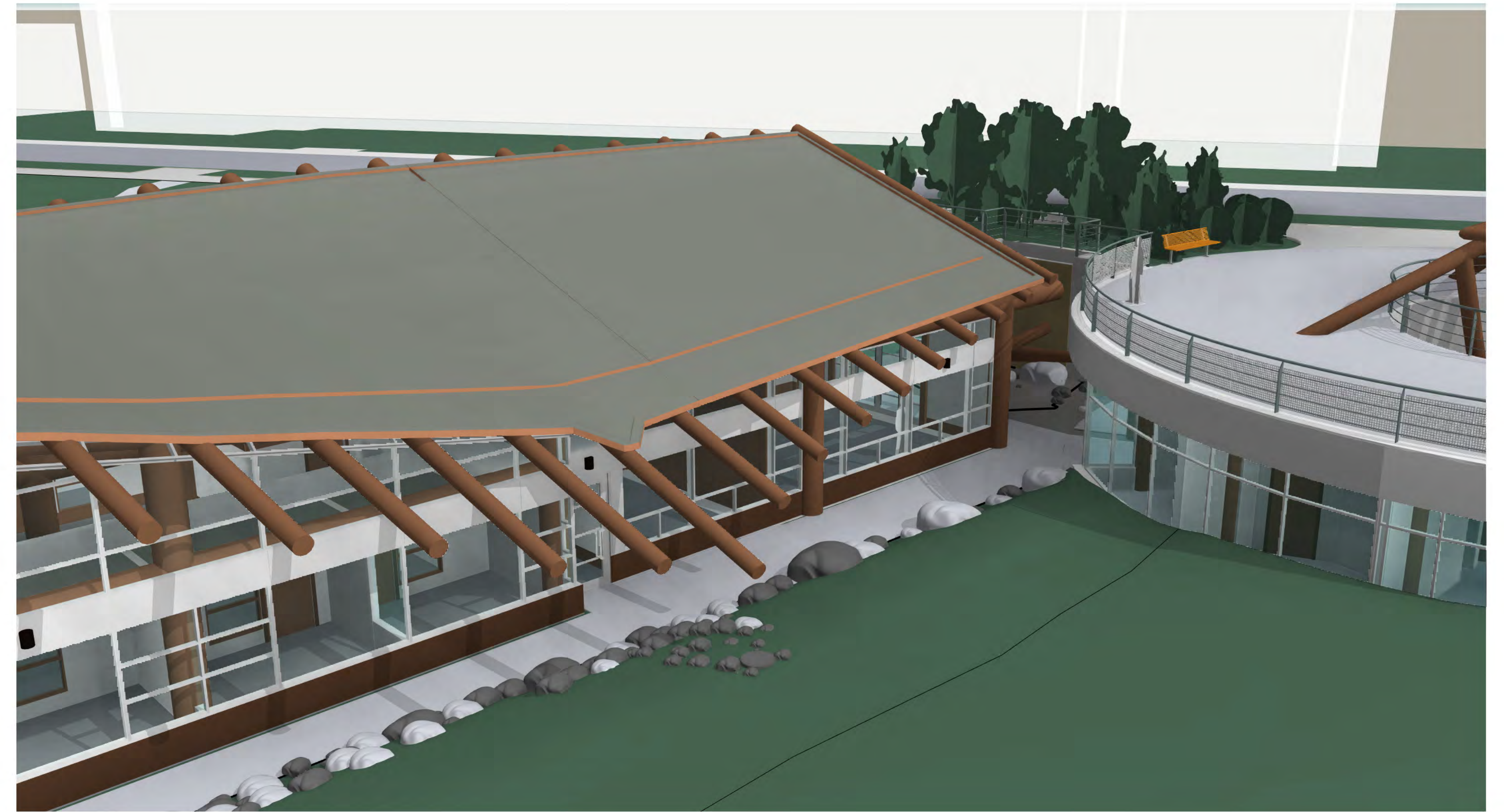
ELEVATIONS & MATERIALS

A016.2

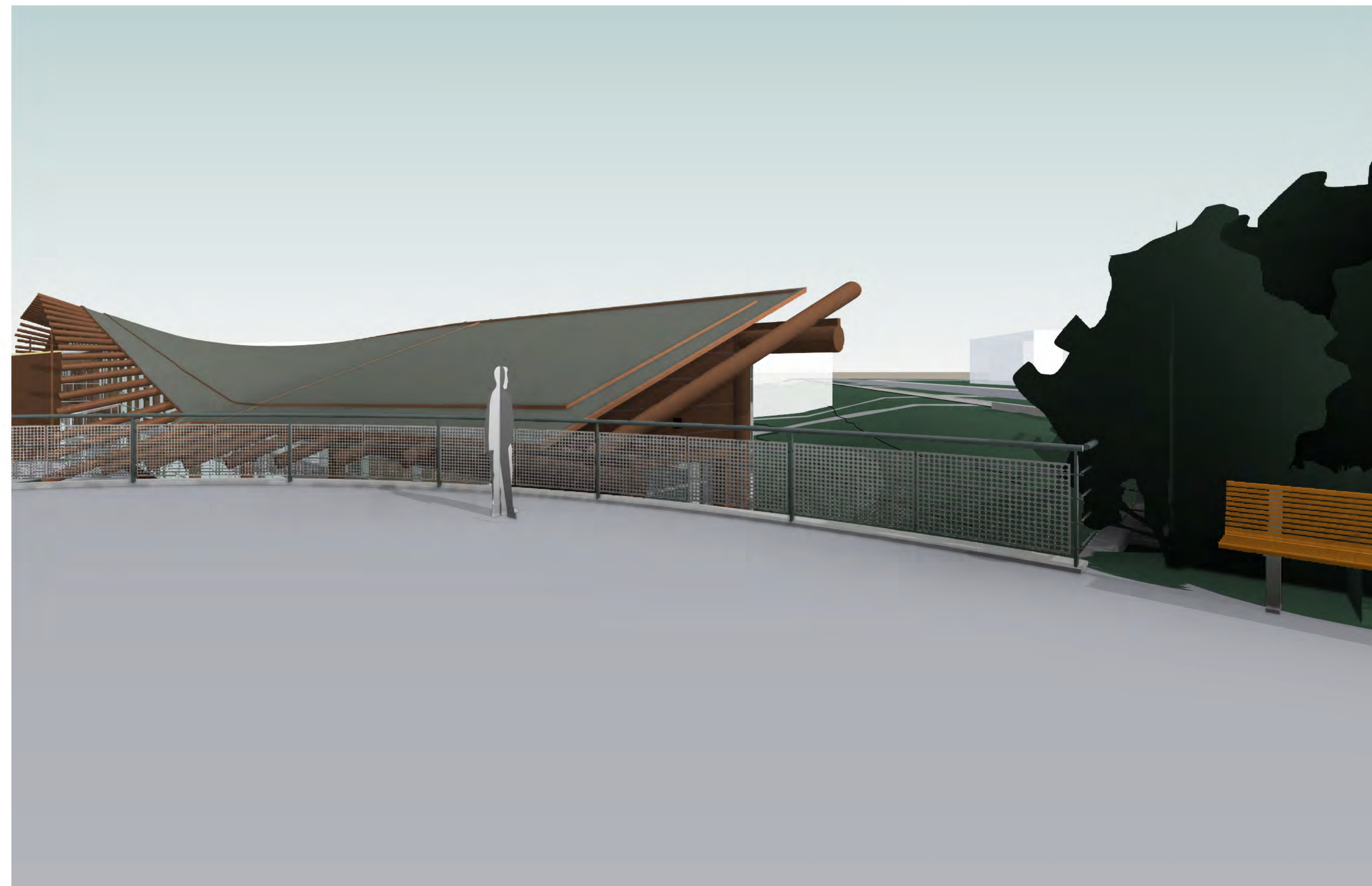
DRAWN	SCALE	PROJECT	DATE
RJ	NTS	20UBC12	APR 22, 2021



1 NORTH EAST VIEW.



3 SOUTH ELEVATION VIEW.



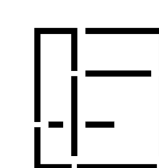
2 SOUTH EAST CORNER FROM LIBRARY ROOF.



4 VIEW TOWARDS LIBRARY ALONG SOUTH WALL.

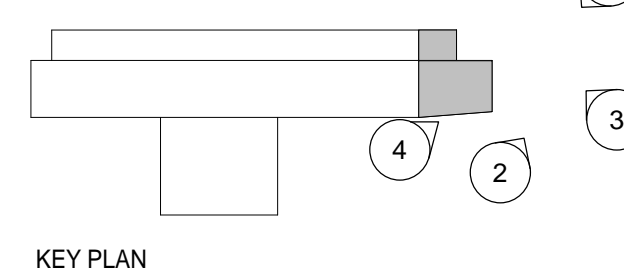
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KEY PLAN



**UNIVERSITY OF BRITISH COLUMBIA
FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

BIRD'S EYE DETAIL VIEWS

A017

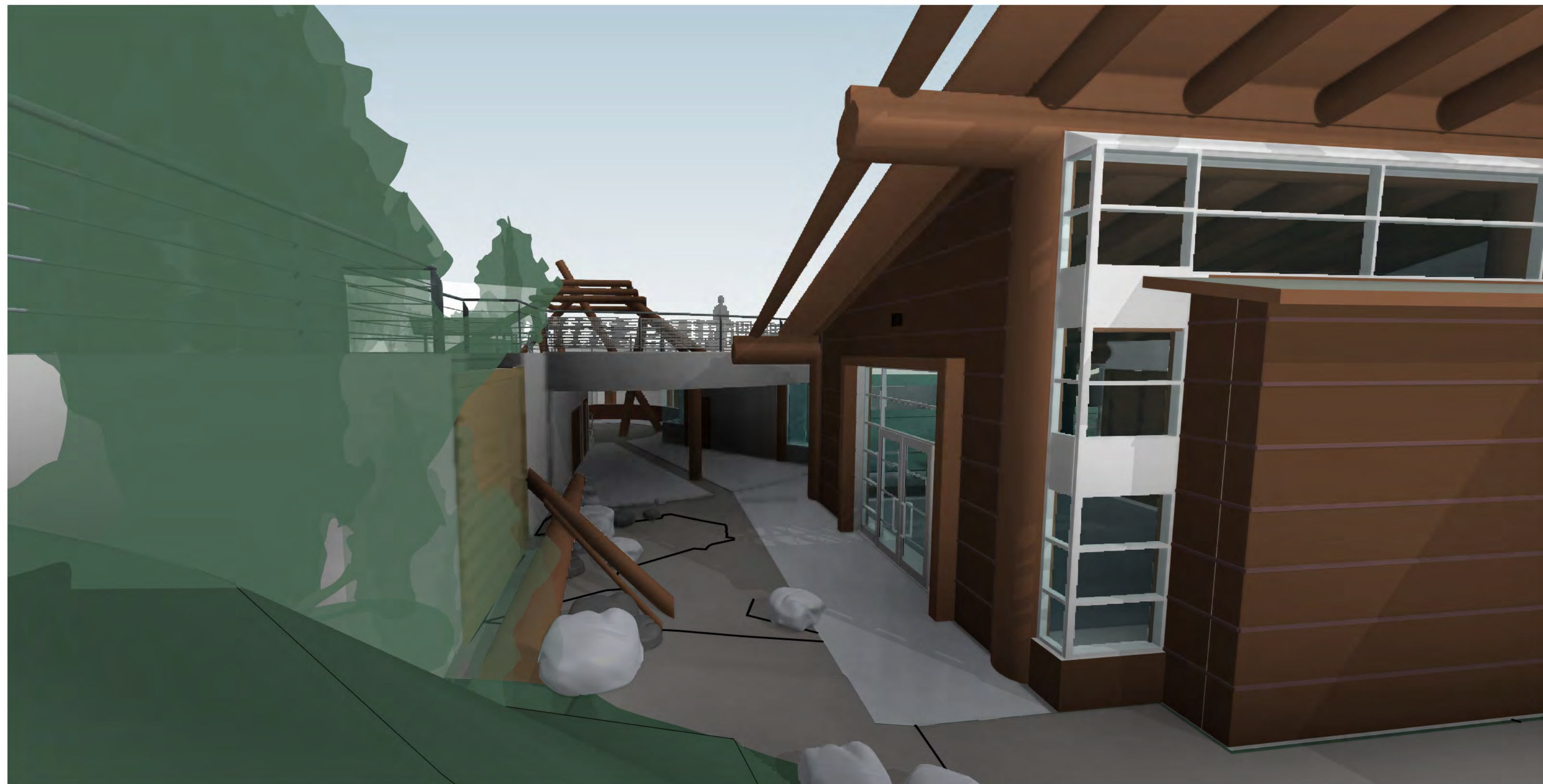
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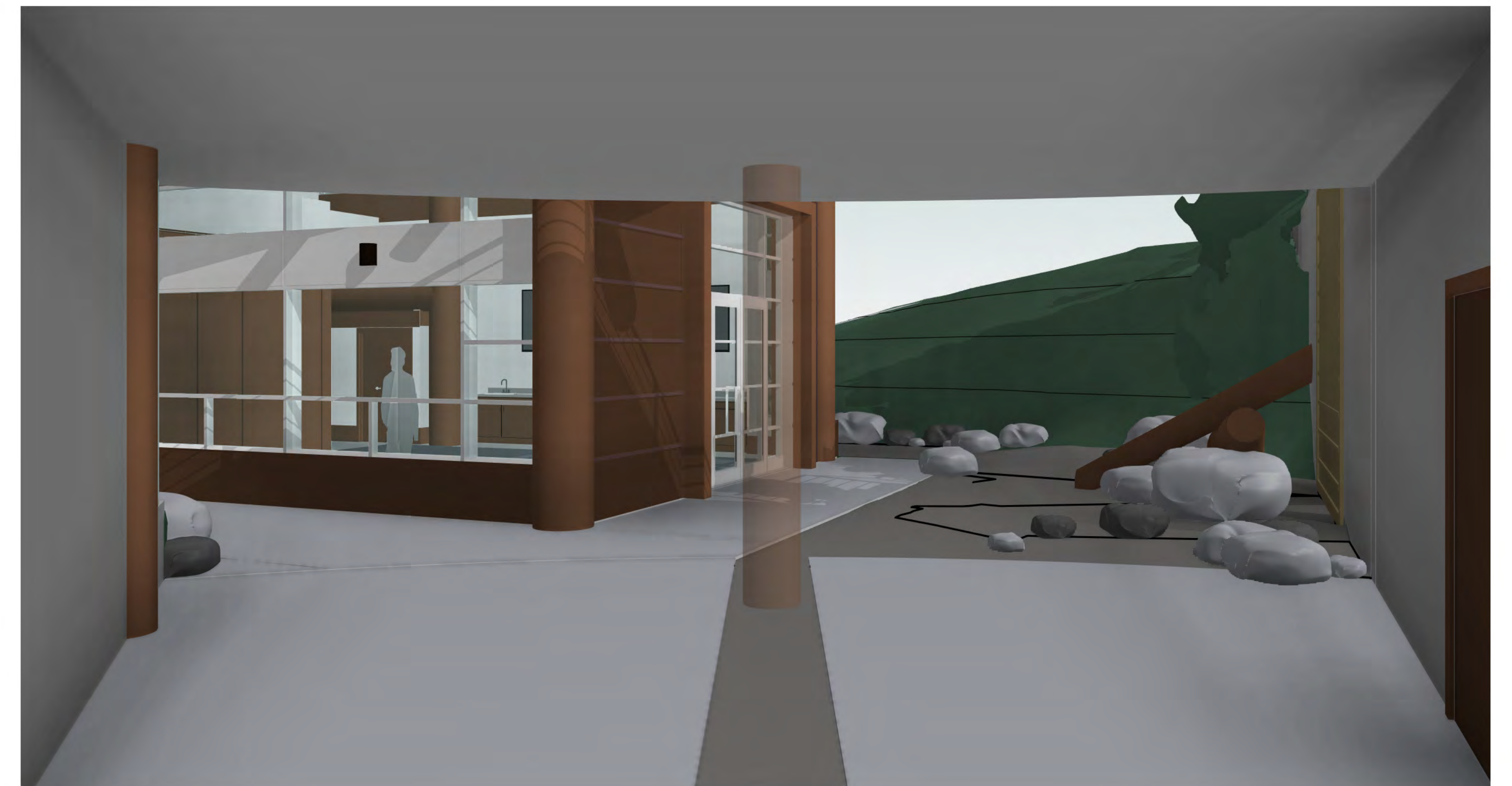
1 SOUTHSIDE VIEW



2 EAST ELEVATION.



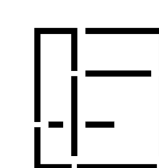
3 VIEW OF COURTYARD AREA 1.



4 VIEW OF COURTYARD AREA 2.

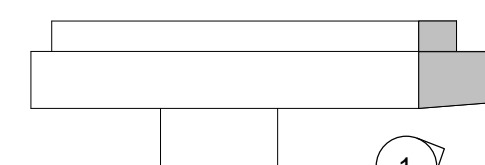
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KEY PLAN



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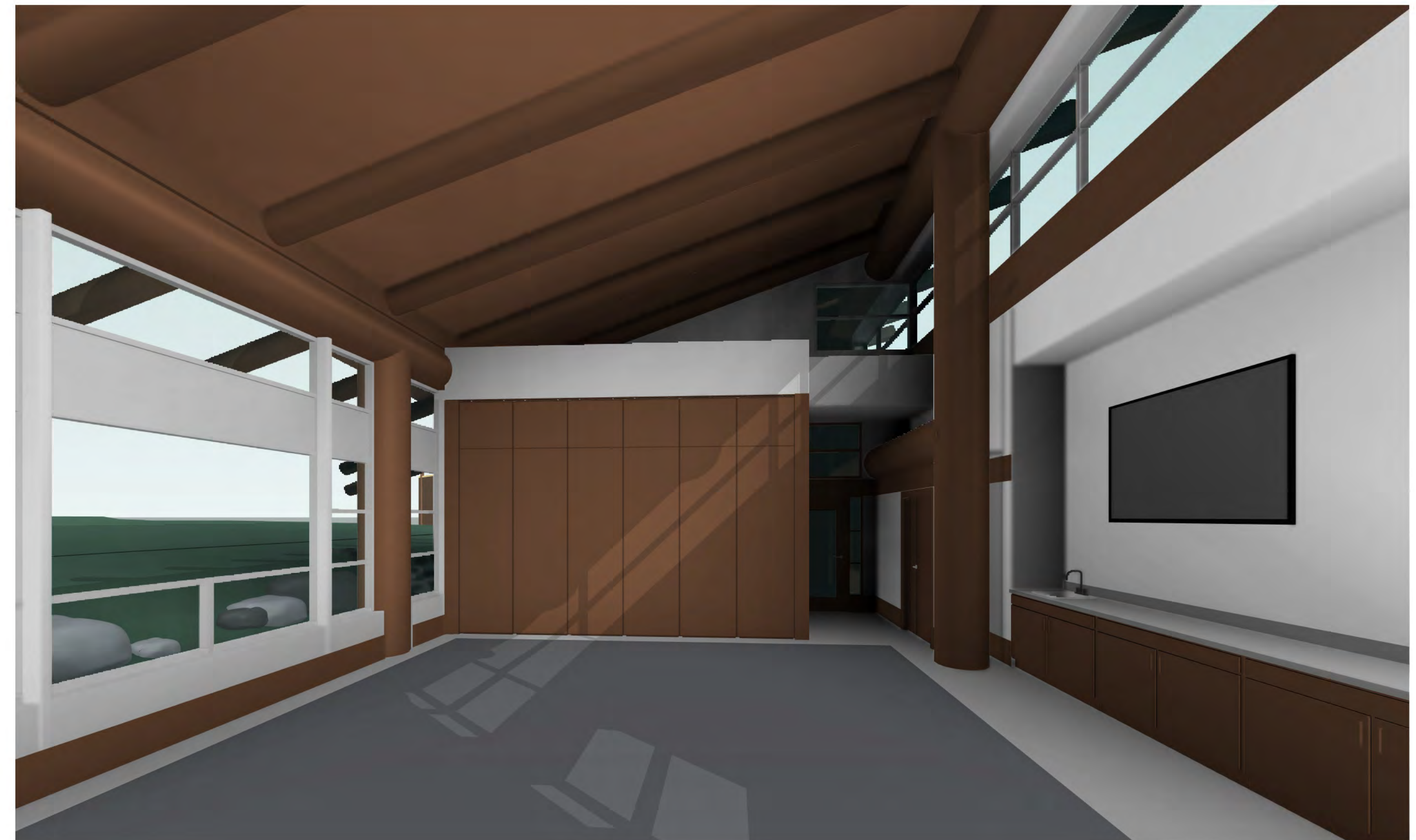
EYE LEVEL VIGNETTES

A018

DRAWN	SCALE	PROJECT	DATE
RJ	NTS	20UBC12	APR 22, 2021



1 INTERIOR OF MULTI-PURPOSE ROOM - EAST WALL



3 MULTI-PURPOSE ROOM - EAST WALL
(MEETING ROOM WALL CLOSED)



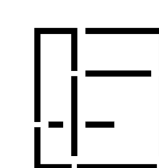
2 MULTI-PURPOSE ROOM - NORTH WALL
(MEETING ROOM WALL OPEN)



4 MULTI-PURPOSE ROOM - EAST WALL
(MEETING ROOM WALL OPEN)

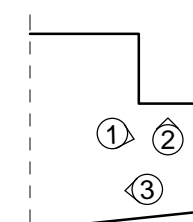
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NO	DATE	REVISIONS
02	APR 22, 2021	ISSUED FOR DP
01	MAR 12, 2021	ISSUED FOR 50%



**Art Cader
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212-1807 Maritime Mews
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Tel (604) 558-2782 ; Fax (604) 351-8167
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KEY PLAN



**UNIVERSITY OF BRITISH COLUMBIA
FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

INTERIOR VIEWS

A019

DRAWN	SCALE	PROJECT	DATE
RJ	NTS	20UBC12	APR 22, 2021



P1



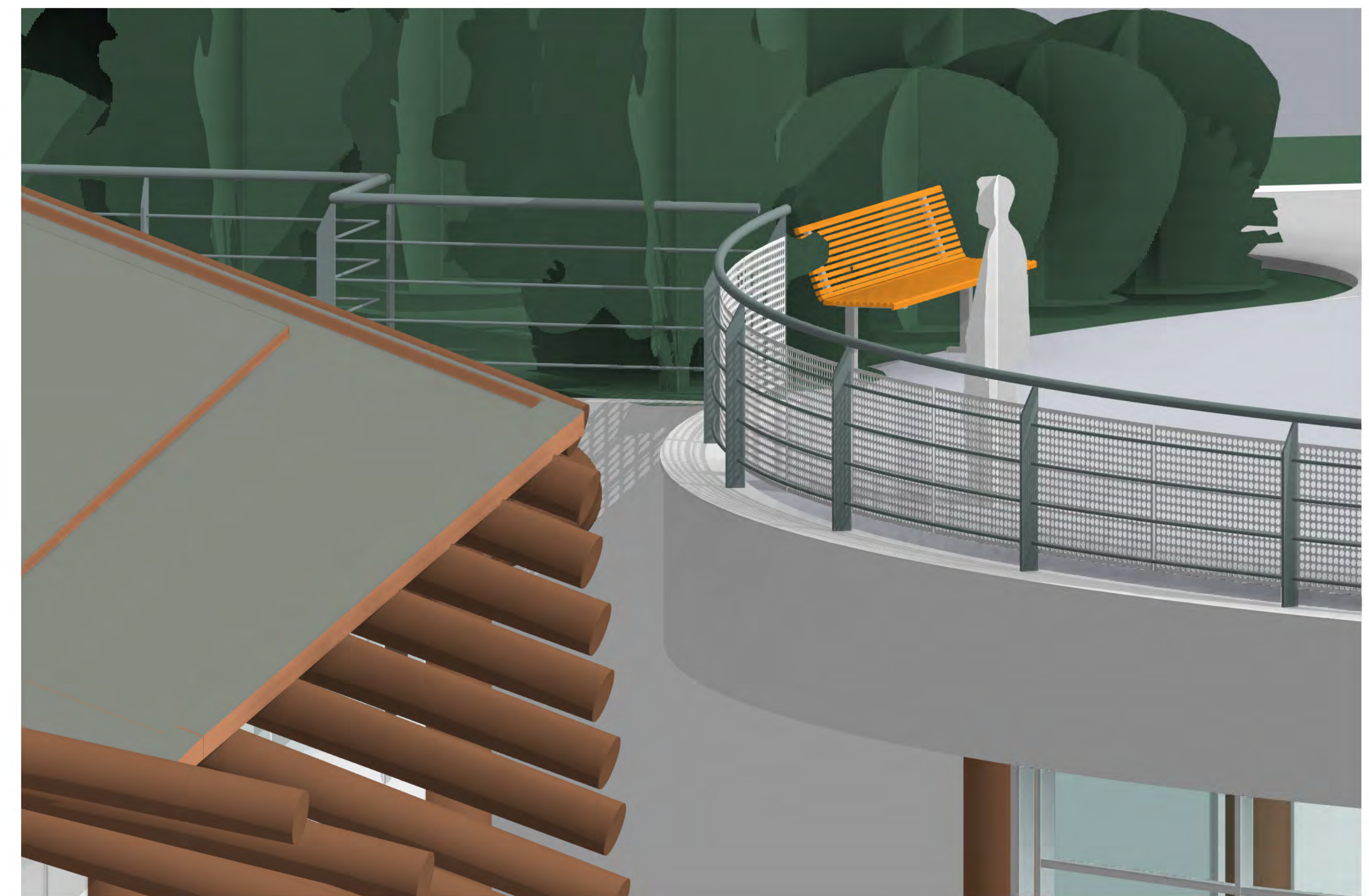
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P3



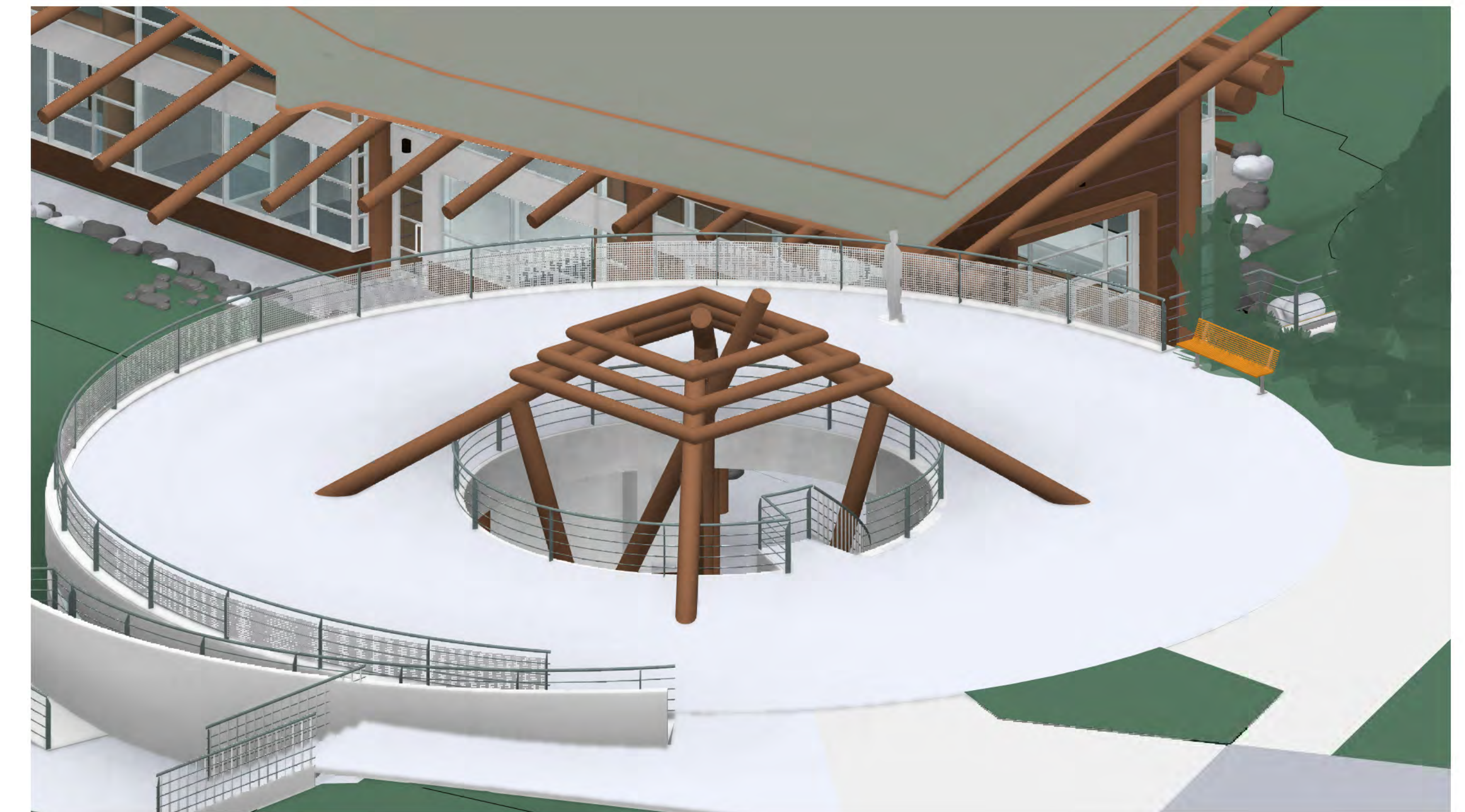
P4



2 LIBRARY RAILING VIEW 1



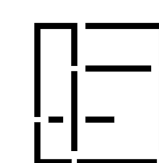
1 LIBRARY RAILING ELEVATION



3 LIBRARY RAILING VIEW 2

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NO	DATE	REVISIONS
01	APR 22, 2021	ISSUED FOR DP



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**UNIVERSITY OF BRITISH COLUMBIA
FIRST NATIONS HOUSE OF LEARNING EXPANSION PROJECT**

1985 West Mall, Vancouver, BC V6T 1Z2

LIBRARY RAILING

A020

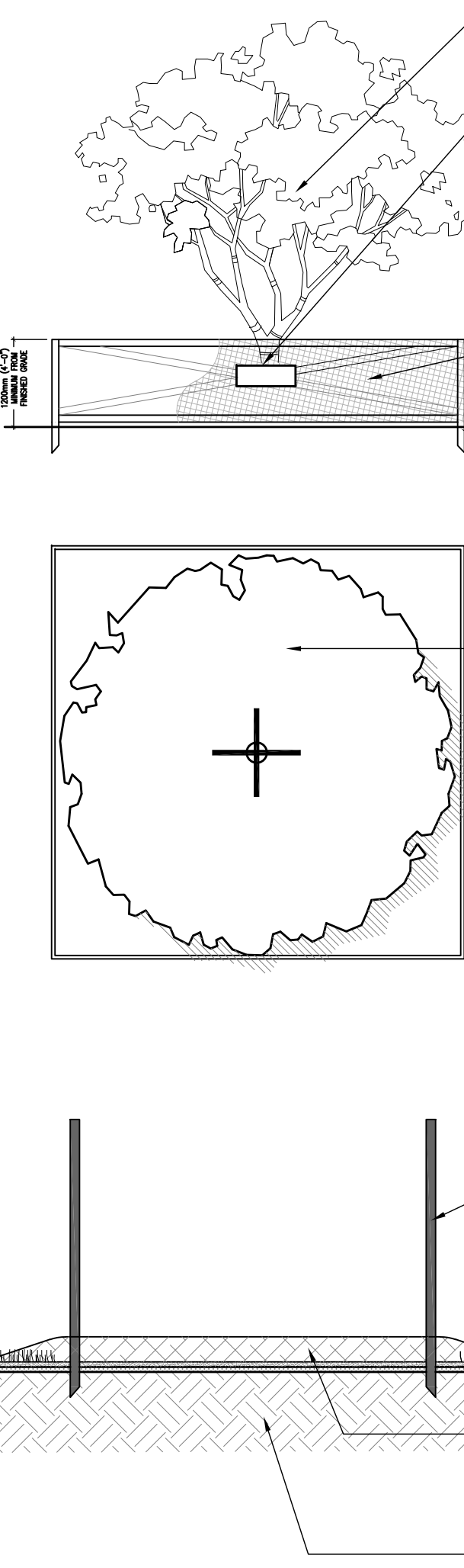
DRAWN	SCALE	PROJECT	DATE
RJ	1:50	20UBC12	APR 22, 2021

NOTES

- ALL CONSTRUCTION WORK CLOSE TO EXISTING TREES TO BE RETAINED SHALL BE DONE UNDER THE SUPERVISION OF A CERTIFIED ARBORIST AND IN CONSULTATION WITH THE UBC ARBORIST. SUCH WORK SHALL INCLUDE BUT NOT BE LIMITED TO, ANY EXCAVATION NEAR OR WITHIN THE TREE PROTECTION ZONES, ALL MODIFICATIONS TO SITE GRADING NEAR THE TREE PROTECTION AREAS, ALL ROOT PRUNING, ANY REQUIRED BRANCH PRUNING AND ANY OTHERWISE NECESSARY ENCROACHMENT INTO THE TREE PROTECTION AREAS.
- STREET TREE PROTECTION TO BE CONSTRUCTED AS PER UBC GUIDELINES FOR PROTECTION OF TREES.
- ALL TREE RETENTION, PROTECTION AND REPLACEMENT SHALL BE IN ACCORDANCE WITH UBC GUIDELINES FOR PROTECTION OF TREES.
- AS PER UBC GUIDELINES FOR PROTECTION OF TREES, TREE PROTECTION BARRIERS MUST BE A MINIMUM HEIGHT OF 1.2m MEASURED FROM THE GROUND AND MUST MEET THE DISTANCE REQUIREMENT TO CALIPER.
- TREE PROTECTION BARRIERS IN STREET BOULEVARDS ADJACENT TO THE SITE SHALL BE INSTALLED 0.6m MIN. FROM BACK OF CURB AND 0.3m MIN. FROM EDGE OF ANY SIDEWALK LOCATED WITHIN A GRASS BOULEVARD OR AREA.
- NO STORAGE OF BUILDING /CONSTRUCTION MATERIALS WITHIN OR AGAINST PROTECTION BARRIER.
- PROTECTION FENCE IS NOT TO BE LIFTED OR REMOVED AT ANY TIME FOR VEHICULAR ACCESS. VEHICLES AND HEAVY EQUIPMENT CAN CAUSE SOIL COMPACTION IN THE ROOT ZONE DEPLETING THE AIR SPACE THAT IS ESSENTIAL TO THE TREE'S HEALTH.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO LANDSCAPE FEATURES REMOVAL AND /OR RELOCATION.
- TRENCHING FOR UTILITY CONNECTIONS TO BE COORDINATED WITH ENGINEERING DEPARTMENT TO ENSURE SAFE ROOT ZONES OF RETAINED TREES. METHODS OF TREE PROTECTION FOR STREET TREES TO BE APPROVED BY UBC.
- REQUEST UBC TO PRUNE ANY STREET TREE CLEARANCE FOR SIDEWALK, PARKING, HOARDING AND SCAFFOLDING.
- WATER RETAINED TREES AND SHRUBS TO FIELD CAPACITY, ONCE WEEKLY, DURING THE GROWING SEASON.
- TREES IDENTIFIED FOR REMOVAL ARE AN ESTIMATE ONLY. ALL FINAL TREE QUANTITIES FOR REMOVAL SHALL BE CONFIRMED ON SITE.

TREE MANAGEMENT LEGEND

- TREE PROTECTION FENCING
- EXISTING TREE TO BE REMOVED OR RELOCATED
- EXISTING TREES TO BE PRESERVED
- 3.5m TEMPORARY CONSTRUCTION ACCESS
- EXISTING PEDESTRIAN ACCESS

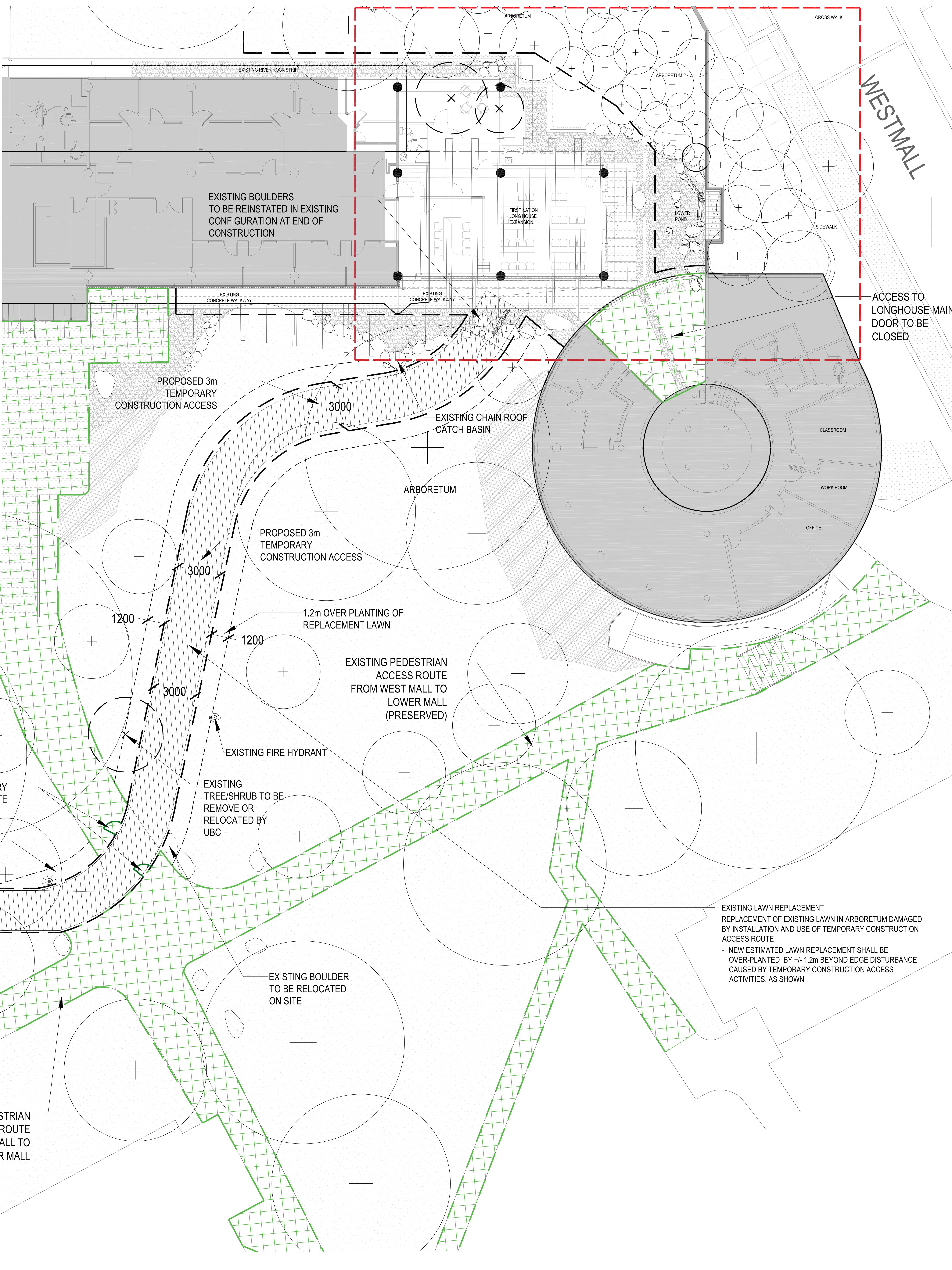


RETENTION TREE - EXISTING TREE TO BE PROTECTED
WATERPROOF SIGNAGE - IN ACCORDANCE WITH UBC PROTECTION OF TREES GUIDELINES
"TREE PROTECTION AREA - NO ENTRY"
 AND SHALL ALSO READ: NO DUMPING, NO FILLING, NO DIGGING OR EXCAVATING, NO LUMBER OR SUPPLY STORAGE
SNOW FENCING - (PLASTIC MESH SCREENING) SECURELY FASTENED TO WOOD FRAME
SOLID BARRIER
 50x100 (2"x4") WOOD POSTS
 50x100 (2"x4") WOOD CROSS BRACE
 RAILS NAIL TO:
 50x100 (2"x4") TOP AND BOTTOM WOOD RAILS
RETENTION TREE
 - EXISTING TREE TO BE PROTECTED
 - 50x100 (2"x4") MIN. WOOD FRAME
 - FOR DIMENSIONS REFER TO TREE PROTECTION FENCING DISTANCE CHART.
 - TO DRILL LINE OF TREE (MIN. OUTSIDE OF BRANCHES)
NOTES
 REFER TO ARBORIST REPORT

TEMPORARY ACCESS SECTION
 50x100 (2"x4") MIN. WOOD FRAME
 - FOR DIMENSIONS REFER TO TREE PROTECTION FENCING DISTANCE CHART.
 - TO DRILL LINE OF TREE (MIN. OUTSIDE OF BRANCHES)
 10" MULCH PER SPECS
 RESILIENT SURFACE FOR PROTECTION OF TREE ROOTS ZONE OR OTHER PER UBC ARBORIST RECOMMENDATIONS
 COMPACTED SUBGRADE

TRUNK DIAMETER	MINIMUM PROTECTION REQUIRED AROUND TREE
Trunk diameter	Distance from trunk
20 cm	1.2 m
25	1.5
30	1.8
35	2.1
40	2.4
45	2.7
50	3.0
55	3.3
60	3.6
75	4.5
90	5.0
100	6.0

- INSTALLATION OF TEMPORARY CONSTRUCTION ACCESS ROUTE**
- PROPOSED TEMPORARY CONSTRUCTION ACCESS ROUTE FROM LOWER MALL ROADWAY, OVER CURB + GUTTER, ACROSS SIDEWALK AND ALONG EXISTING PAVED WALKWAY, ACROSS ARBORETUM LAWN AREA TO LONGHOUSE EXPANSION CONSTRUCTION SITE, AS SHOWN;
 - PROVIDE TEMPORARY CONSTRUCTION ACCESS ROUTE 'RESILIENT' SURFACING TO PROTECT TREE ROOT ZONES COVERED BY ROUTE;
 - PROVIDE CONSTRUCTION HOARDING WITH ALL NECESSARY ACCESS CONTROL (LOCKABLE GATE), AS REQUIRED;
 - PROPOSED ACCESS THROUGH EXISTING ARBORETUM AREA, DOWN SHORT SLOPE AT EDGE OF EXISTING LONGHOUSE SIDEWALK PAVING (ESTIMATED 4:1 SLOPE), PROVIDE ALL NECESSARY SLOPE STABILIZATION MEASURES, ACCESS ROUTE SURFACING AMOUNT;
 - INSTALLATION OF TEMPORARY CONSTRUCTION ACCESS ROUTE PER UBC ARBORIST RECOMMENDATIONS, REVIEW AND APPROVAL
 - INSTALLATION OF TEMPORARY CONSTRUCTION ACCESS ROUTE PER CIVIL AND GEOTECHNICAL ENGINEERING DESIGN AND SPECIFICATIONS



NORTH ARROW:
 PROJECT NORTH TRUE NORTH

CROSS WALK
WEST MALL
ACCESS TO LONGHOUSE MAIN DOOR TO BE CLOSED

REVISIONS:

No.	Date	Detail	By
1	2020.12.23	ISSUED FOR FEASIBILITY STAGE COSTING	CML
2	2021.02.15	ISSUED FOR 50% PROGRESS COSTING	CML
3	2021.04.08	ISSUED FOR DRAFT 90% COORDINATION	CML
4	2021.04.26	ISSUED FOR DEVELOPMENT PERMIT	CML

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 PLANNING • URBAN DESIGN • LANDSCAPE ARCHITECTURE
 STAMP:

PROJECT NAME:
 UBC, FIRST NATIONS LONG HOUSE EXPANSION

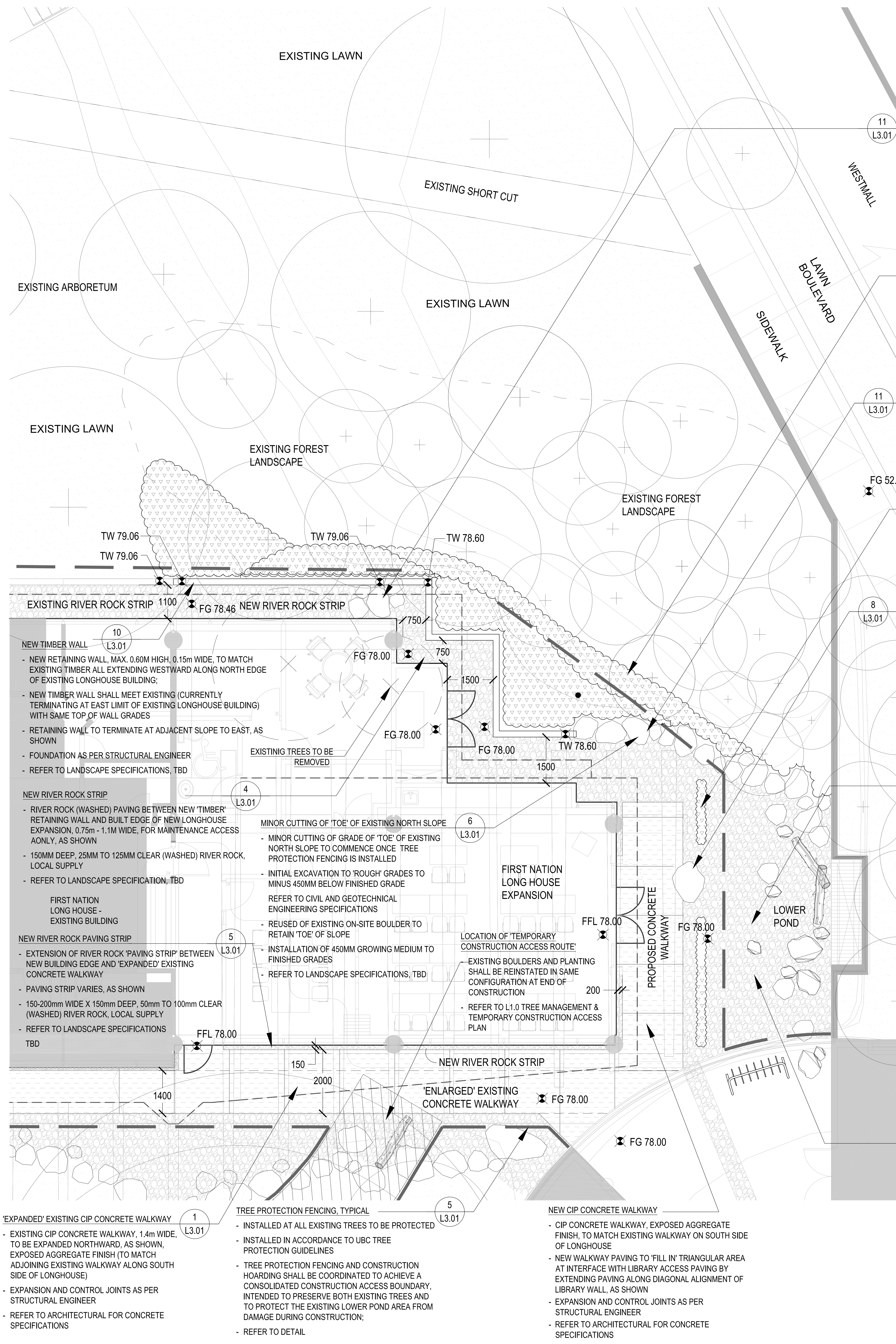
DRAWING TITLE:
 TREE MANAGEMENT AND TEMPORARY CONSTRUCTION ACCESS PLAN

PFS PROJECT NUMBER: 20040 **DATE:** 12/23/2020

DRAWN BY: JL **CHECKED BY:** CM/CP

SCALE:
 AS SHOWN

DWG. NO.:
 L1.0



- TREE REMOVALS**
- REMOVALS OF EXISTING TREES WITHIN THE EXCAVATION 'FOOTPRINT' OF PROPOSED BUILDING ONLY. NO OTHER TREE REMOVALS ARE PERMITTED.
 - REFER TO LANDSCAPE DRAWING L1.0 - TREE MANAGEMENT AND TEMPORARY CONSTRUCTION ACCESS PLAN
 - FINAL QUANTITIES OF TREE REMOVALS SHALL BE DETERMINED ON SITE
- STEP IN GRADE OF RIVER ROCK STRIPS**
- THE STEP IN GRADE BETWEEN RIVER ROCK STRIPS (EXISTING AND NEW) AT ELEVATION 78.46 TO NEW RIVER ROCK STRIP AT ELEVATION 78.00, SHALL STEP DOWN (RETAIN) THE DIFFERENCE IN ELEVATION OF 0.46m THROUGH THE REUSE OF BOULDERS AT THE TERMINAL END OF THE NEW TIMBER WALL, AS SHOWN;
 - BOULDERS SHALL ALSO BE REUSED TO RETAIN TOE OF EXISTING NORTH FORESTED SLOPE, AS SHOWN;
 - ALL BOULDERS SHALL BE SALVAGED FROM SITE CLEARING + EXCAVATION, NO BOULDERS SHALL BE IMPORTED OR REMOVED FROM SITE;
 - REFER TO STRUCTURAL ENGINEER FOR FOUNDATION

- PROPOSED INSTALLATION OF NEW NATIVE 'SHRUB MASSES'**
- ESTIMATED GROUND COVERING SHRUBS MASSES ARE OVER-PLANTED BY +/- 1.2m BEYOND EDGE DISTURBANCE CAUSED BY CONSTRUCTION ACTIVITIES, AS SHOWN
 - FINAL TOTAL AREA FOR INSTALLATION OF SHRUB MASSES SHALL BE DETERMINED ON SITE
 - REFER PLANT LIST ESTIMATED QUANTITIES OF PLANT MATERIAL

- REUSE OF EXISTING BOULDERS**
- EXISTING BOULDERS SHALL BE RELOCATED TO TERMINAL END OF TIMBER RETAINING WALL, AND ALONG TOE OF NORTH FORESTED SLOPE INTENDED TO RETAIN GRADE AT LOCATION WHERE TIMBER RETAINING WALL MEETS ADJACENT TO FOREST SHRUB MASSES AND TO HIDE TERMINAL END OF TIMBER RETAINING WALL. ALL BOULDERS SHALL BE SALVAGED FROM SITE CLEARING + EXCAVATION, NO BOULDERS SHALL BE IMPORTED OR REMOVED FROM SITE;

- NEW WATER EDGE 'IRIS' STRIP PLANTING**
- 2 ROWS OF SEASONAL NATIVE 'PURPLE' IRIS PLANTING ALONG EDGE OF NEW CONCRETE WALKWAY
 - NEW IRIS ROWS COMPLIMENT EXISTING WATER EDGE PLANTING OF WATER FEATURE AREA
 - PROVIDE SEASONAL INTEREST AND DEFINITION OF WATER FEATURE PAVING EDGE

- FEATURE 'REUSED' BOULDER FOR SEATING**
- LARGE FEATURE BOULDER REUSED FOR SEATING (SALVAGED FROM SITE CLEARING + EXCAVATION) LOCATED AT EDGE AND 'NOTCHED' INTO PROPOSED CONCRETE WALKWAY, AS SHOWN

- PRESERVATION OF EXISTING POND LINER AND POND EDGE LANDSCAPE**
- SPECIAL ATTENTION REQUIRED TO ENSURE NO DISTURBANCE TO EXISTING POND LINER
 - ADJACENT TO WALKWAY OCCURS DURING CONSTRUCTION OF WALKWAY OR LONGHOUSE EXPANSION

- INSTALLATION OF NEW PLANT MATERIAL**
- INSTALLATION OF NEW PLANT MATERIAL INCLUDING SHRUB MASSES AND GROUND COVER FOR ALL AREAS OF EXISTING SITE LANDSCAPE DAMAGED OR DISTURBED BY CONSTRUCTION ACTIVITIES

- ESTIMATED AREAS INCLUDE:**
- MINOR 'CUTTING' OF EXISTING NORTH SLOPE;
 - EXISTING LANDSCAPE ADJACENT TO RIVER ROCK PAVING STRIP ALONG NORTH SIDE OF LONGHOUSE EXPANSION
 - RE-INSTATEMENT FOR RIVER ROCK, BOULDERS AND WATER EDGE PLANTING ADJACENT TO WATER FEATURE POND, WHERE DISTURBED OR DAMAGE DURING CONSTRUCTION OF LONGHOUSE EXPANSION
 - FINAL TOTAL AREA FOR INSTALLATION OF SHRUB MASSES SHALL BE DETERMINED ON SITE
 - REFER PLANT LIST ESTIMATED QUANTITIES OF PLANT MATERIAL

- REPAIR TO LANDSCAPE ADJACENT TO WATER FEATURE POND**
- RE-INSTATEMENT OF RIVER ROCK, BOULDERS AND WATER EDGE PLANTING ADJACENT TO WATER FEATURE POND, WHERE DISTURBED OR DAMAGE DURING CONSTRUCTION OF LONGHOUSE EXPANSION

- SPECIAL ATTENTION REQUIRED TO ENSURE NO DISTURBANCE TO EXISTING POND LINER ADJACENT TO WALKWAY OCCURS DURING CONSTRUCTION OF WALKWAY OR LONGHOUSE EXPANSION;
- TREE PROTECTION FENCING IS TO PRESERVE BOTH EXISTING TREES, TO BE PRESERVED AND TO PROTECT THE EXISTING LOWER POND AREA FROM DAMAGE DURING CONSTRUCTION;

LANDSCAPE CONCEPT

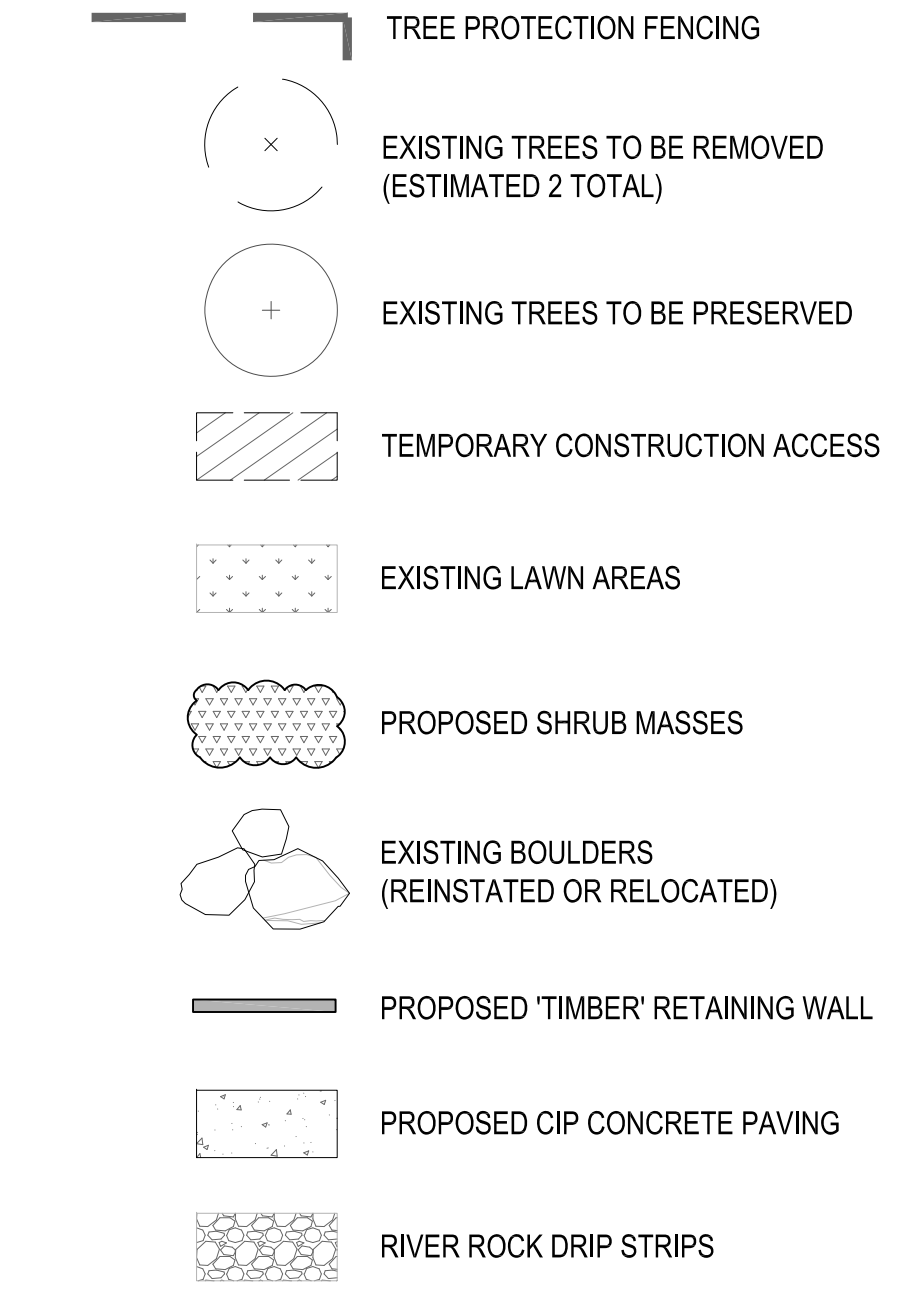
THE PROPOSED NEW LANDSCAPE IMPROVEMENTS ASSOCIATED WITH THE FIRST NATIONS LONGHOUSE EXPANSION ADDRESS A 'BASE SCOPE' OF SITE WORK PRIMARILY REQUIRED TO 'MAKE GOOD' OR REPAIR ALL DAMAGE TO EXISTING SITE LANDSCAPE AS A RESULT OF THE CONSTRUCTION ACTIVITIES REQUIRED TO COMPLETE THE EXPANSION PROJECT.

THE INTENT IS THAT THE COMPLETED LONGHOUSE EXPANSION WILL 'NESTLE' QUIETLY INTO THE EXISTING LANDSCAPE, AND APPEAR TO HAVE ALWAYS BEEN THERE, WITH A NATIVE FOREST HAVING GROWN NATURALLY TO ENCLOSE IT OVER TIME. SPECIAL CARE WILL BE TAKEN TO PRESERVE EXISTING TREES WITHIN THE 'FOREST LANDSCAPE' CURRENTLY SURROUNDING THE LONGHOUSE AND ADJACENT WATER FEATURE, AS WELL AS WITHIN THE EXISTING 'DAVIDSON ARBORETUM' IN WHICH THE ORIGINAL LONGHOUSE IS LOCATED. TO PREPARE SPACE FOR THE LONGHOUSE EXPANSION ITSELF, ONLY 2 TOTAL EXISTING 'SMALLER' FOREST TREES WILL NEED TO BE REMOVED, DUE TO EXCAVATION FOR FOOTPRINT OF LONGHOUSE EXPANSION. MINOR 'CUTTING' OF A PORTION OF THE 'TOE' OF THE EXISTING FORESTED SLOPE IMMEDIATELY NORTH OF THE EXPANSION IS ALSO REQUIRED TO PROVIDE SPACE FOR LONGHOUSE EXPANSION. ALL NEW PLANT MATERIAL PROPOSED WILL BE NATIVE SHRUBS AND GROUND COVER, TO ENHANCE THE EXISTING NATIVE FOREST LANDSCAPE THAT HAS BECOME AN IDENTIFYING COMPONENT OF THIS EXISTING LONGHOUSE FACILITY.

LANDSCAPE 'SCOPE OF WORK'

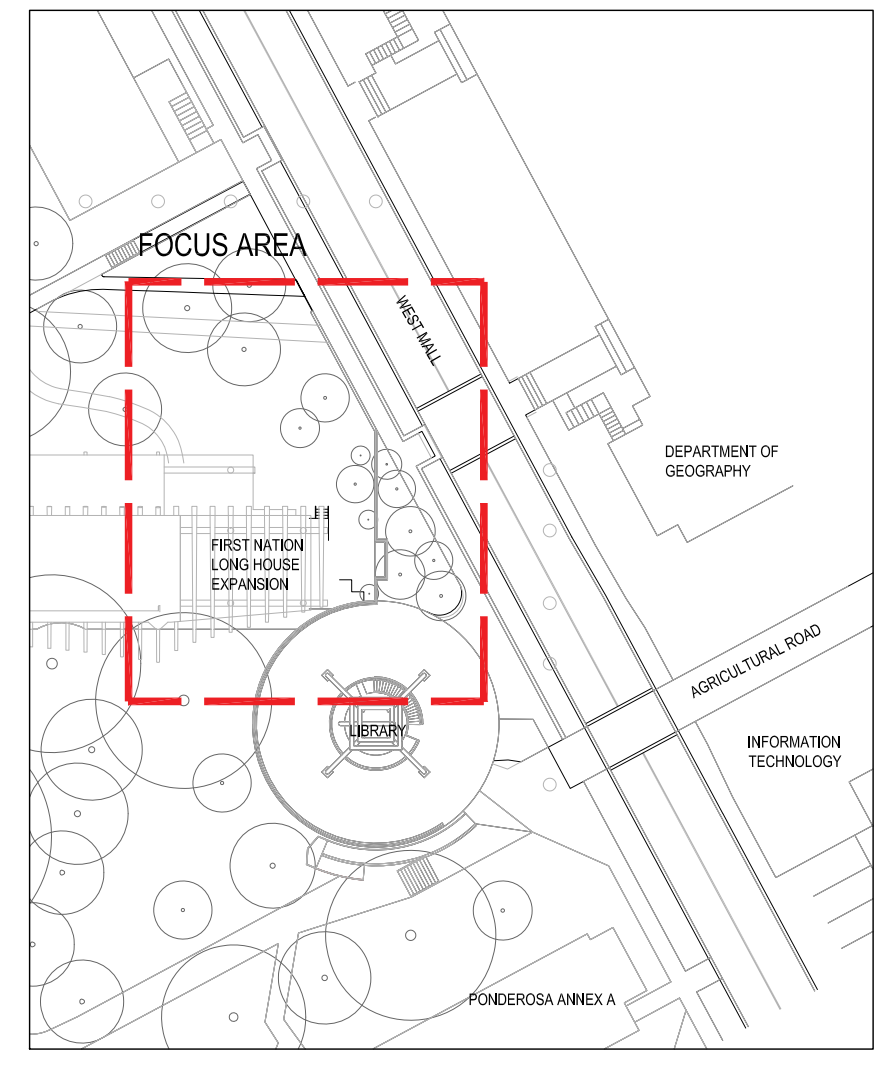
- TREE PRESERVATION MEASURES;
- INSTALLATION OF 'TEMPORARY CONSTRUCTION ACCESS ROUTE' FROM LOWER MALL (REFER TO DRAWING L1.0 TREE MANAGEMENT & TEMPORARY CONSTRUCTION ACCESS PLAN);
- MINOR CUTTING AND RETENTION OF A PORTION OF THE 'TOE' OF EXISTING NORTH SLOPE AS NEEDED TO CONSTRUCT LONGHOUSE EXPANSION AND FOR MAINTENANCE SPACE AROUND EDGE OF NEW BUILDING ONLY;
- INSTALLATION OF NEW TIMBER RETAINING WALL TO MATCH EXISTING ALONG NORTH SIDE OF LONGHOUSE EXPANSION. NEW TIMBER WALL SHALL MEET EXISTING (CURRENTLY TERMINATING AT EAST LIMIT OF EXISTING LONGHOUSE BUILDING) WITH SAME TOP OF WALL GRADES. NEW WALL TO EXTEND EASTWARD ALONG NORTH ELEVATION OF LONGHOUSE EXPANSION AND TERMINATE AT EDGE OF ADJACENT TOE OF EXISTING NORTH SLOPE, AS SHOWN;
- INSTALLATION OF CIP CONCRETE WALKWAY ACROSS EAST ELEVATION OF LONGHOUSE EXPANSION, AS SHOWN. SPECIAL ATTENTION REQUIRED TO ENSURE NO DISTURBANCE TO EXISTING POND LINER ADJACENT TO WALKWAY OCCURS DURING CONSTRUCTION OF WALKWAY OR LONGHOUSE EXPANSION
- PRESERVATION OF EXISTING POND LINER AND POND EDGE LANDSCAPE
- INSTALLATION OF RIVER ROCK PAVING BETWEEN NEW 'TIMBER' RETAINING WALL AND BUILT EDGE OF NEW LONGHOUSE EXPANSION;
- REUSE OF LANDSCAPE BOULDERS, SALVAGED FROM EXISTING SITE ONLY, AS NEEDED FOR RETENTION OF EXISTING GRADES ALONG 'TOE' OF EXISTING NORTH FORESTED SLOPE AND AS A LANDSCAPE FEATURE AT EDGE OF PAVING
- INSTALLATION OF NEW 'SHRUB MASSING PLANT MATERIAL, FOR ALL AREAS OF EXISTING SITE LANDSCAPE DISTURBED BY CONSTRUCTION ACTIVITIES;
- MINIMUM 1 YEAR MAINTENANCE OF ALL INSTALLED PLANT MATERIAL FOR WARRANTY.

LANDSCAPE LEGEND



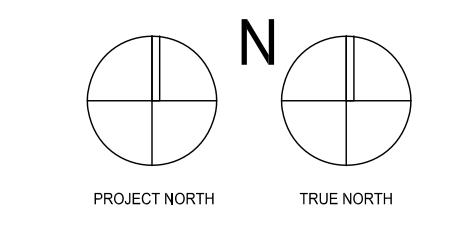
SCHEMATIC PLANT LIST

KEY	QTY	BOTANICAL/ COMMON NAME	SIZE/CONDITION
SHRUBS			
Rs	7	RUBUS SPECTABILIS/ SALMONBERRY	#3 POT, FULL
Vp	9	VACCINIUM PARVIFOLIUM / RED HUCKLEBERRY	#3 POT, FULL
GROUND COVER			
gs	195	GAULTHERIA SHALLON / SALAL	#2 POT, FULL, @ 0.38M O.C.
cc	153	CORNUS CANADENSIS / BUNCHBERRY DOGWOOD	#2 POT, FULL, @ 0.30M O.C.
PERENNIALS			
id	48	IRIS DOUGLASIANA / DOUGLAS IRIS	#3 POT, FULL, @ 0.30M O.C.
FERNS			
Pmn	25	POLYSTICHUM MUNIUM / WESTERN SWORD FERN	#3 POT, FULL, @ 0.45M O.C.
Bs	35	BLECHNUM SPICANT / DEER FERN	#3 POT, FULL, @ 0.45M O.C.



CONTEXT PLAN

NORTH ARROW:



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REVISION:

No.	Date	Details	By
1	2020.12.23	ISSUED FOR FEASIBILITY STAGE COSTING	CM/L
2	2021.02.15	ISSUED FOR 50% PROGRESS COSTING	CM/L
3	2021.04.08	ISSUED FOR DRAFT 90% COORDINATION	CM/L
4	2021.04.26	ISSUED FOR DEVELOPMENT PERMIT	CM/L



STAMP:

PROJECT NAME:
UBC, FIRST NATIONS LONGHOUSE EXPANSION

DRAWING TITLE:
LANDSCAPE CONCEPT PLAN

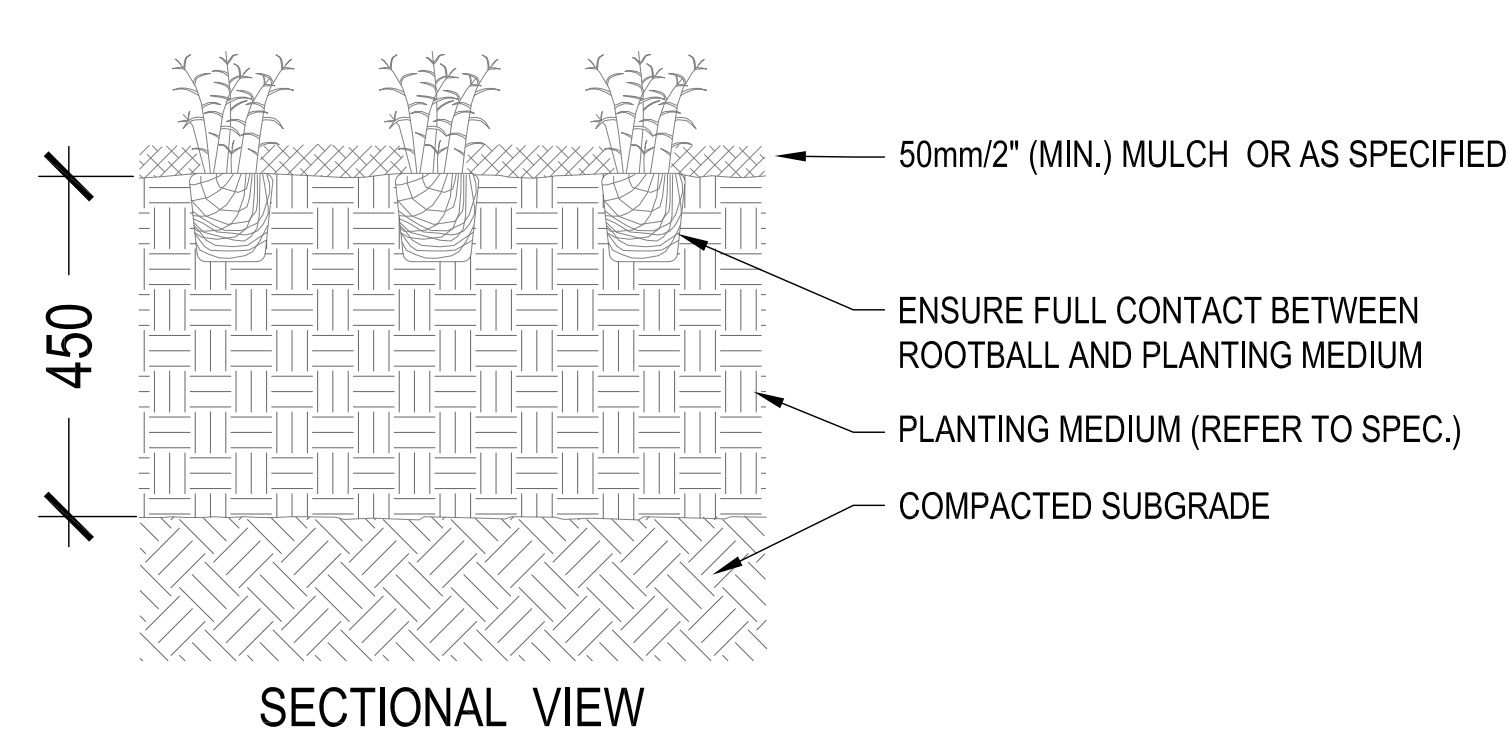
PFS PROJECT NUMBER: 20040 DATE: 12/23/2020

DRAWN BY: JL CHECKED BY: CM/CP

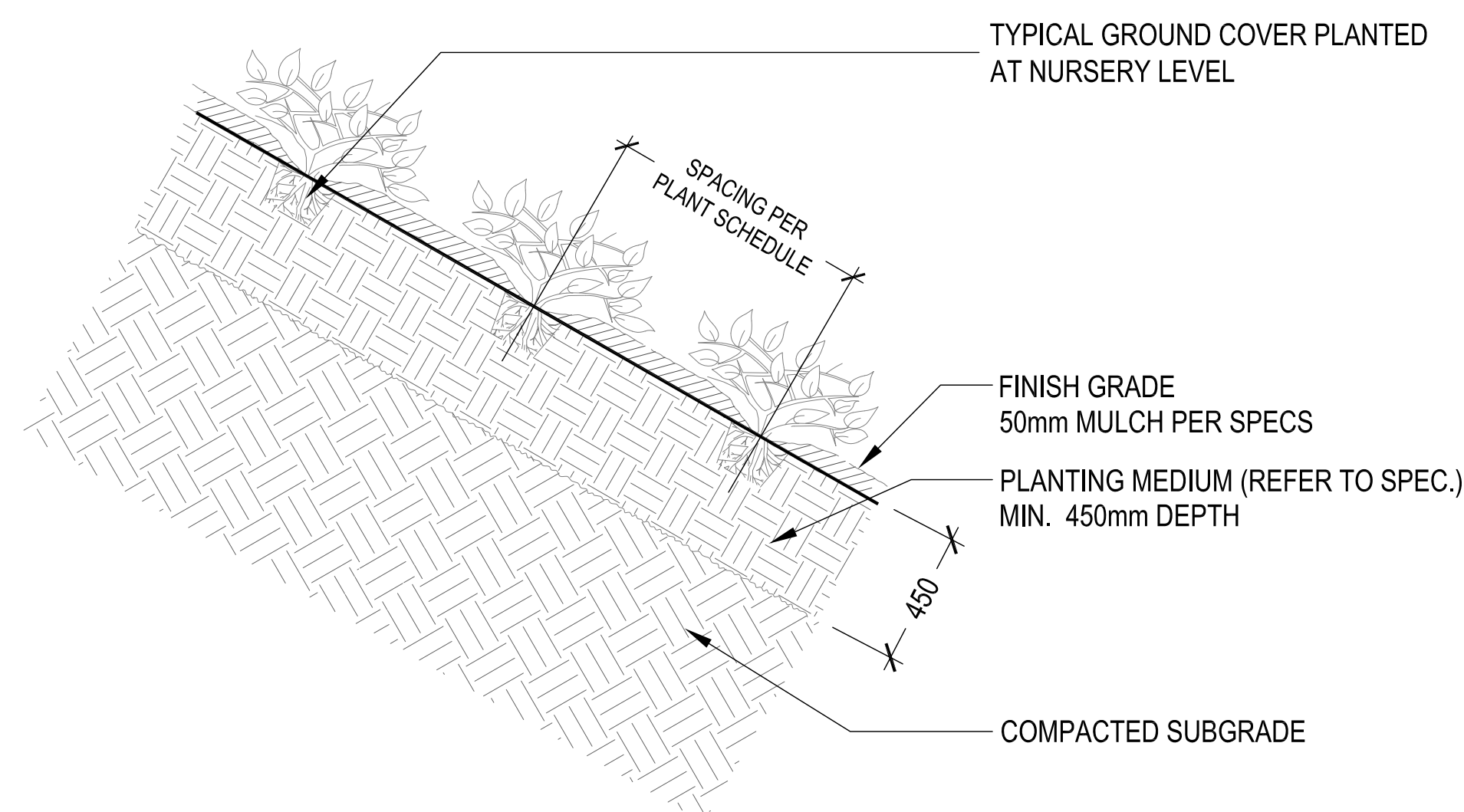
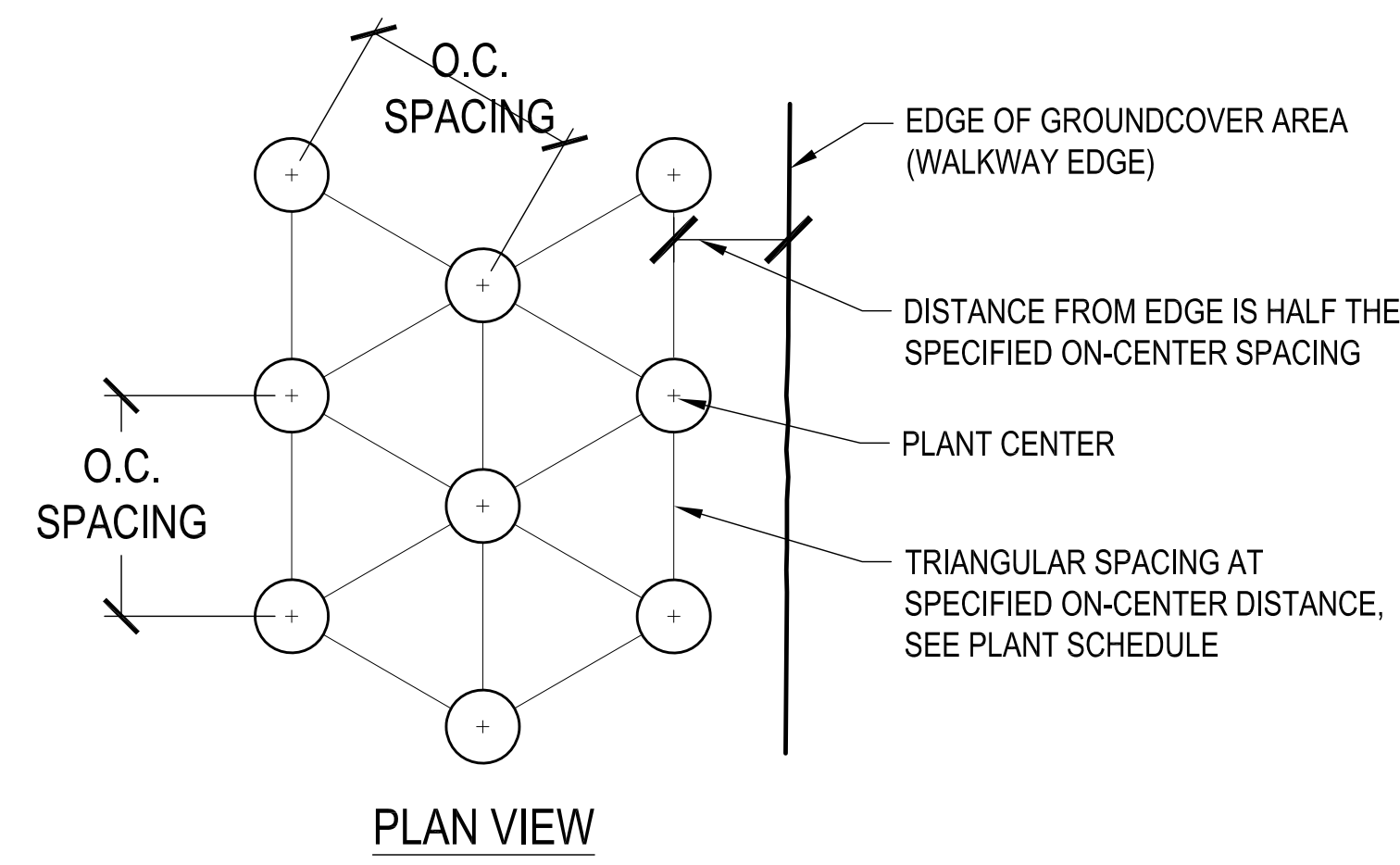
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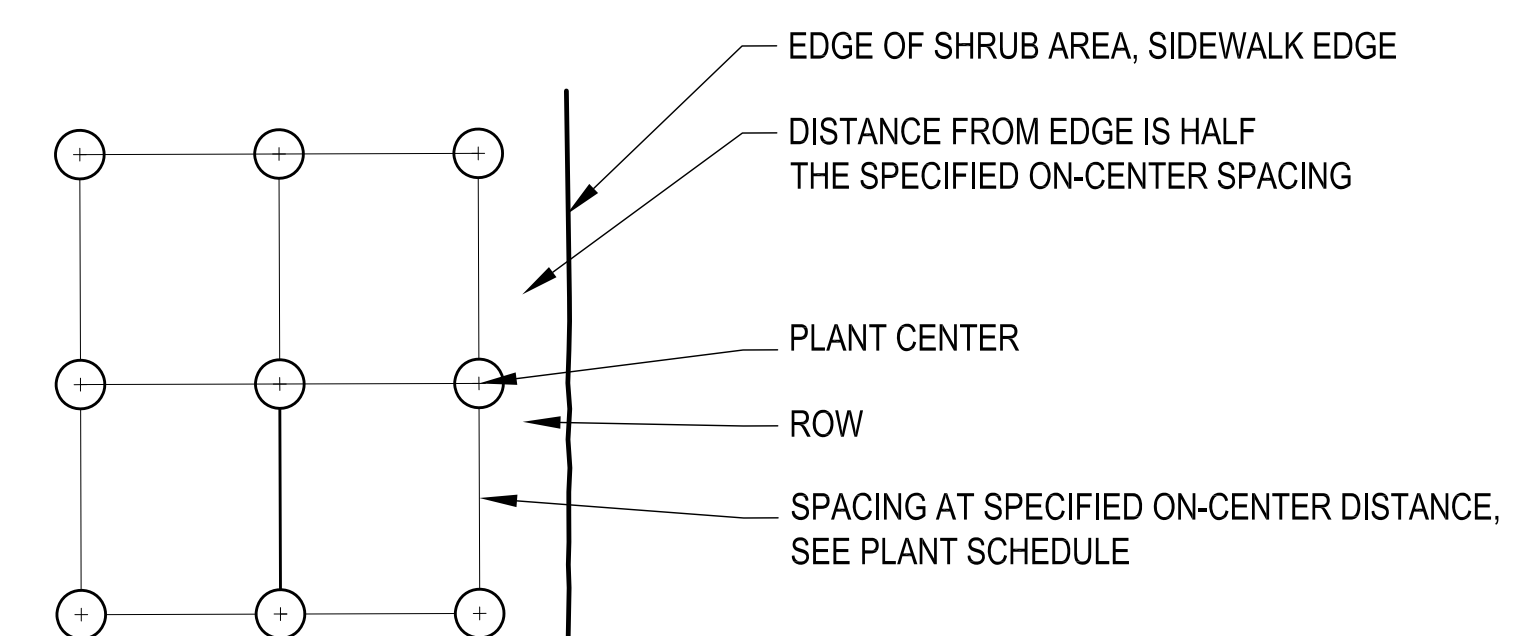
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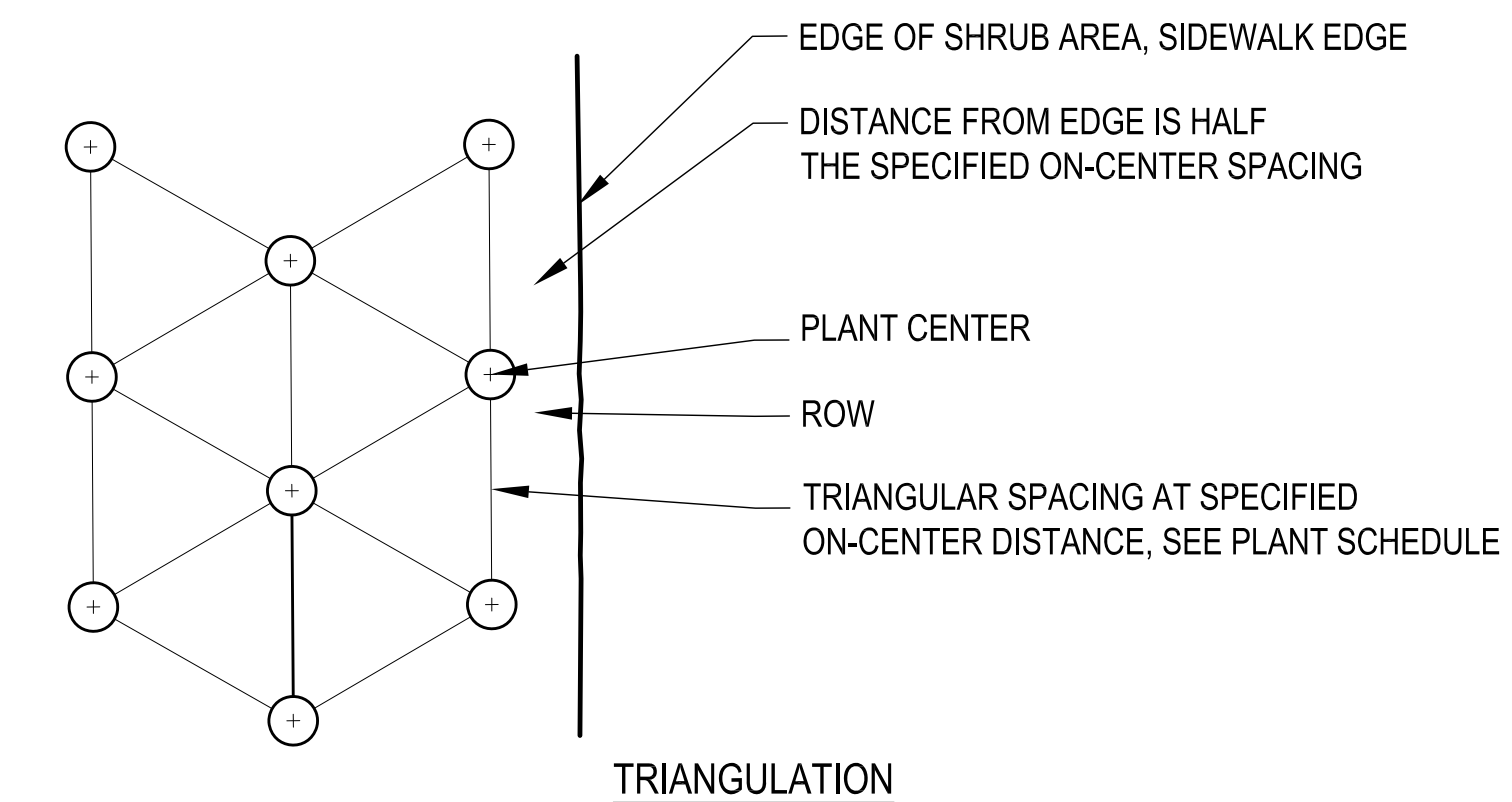
1 GROUNDCOVER PLANTING ON GRADE
SCALE: 1:10



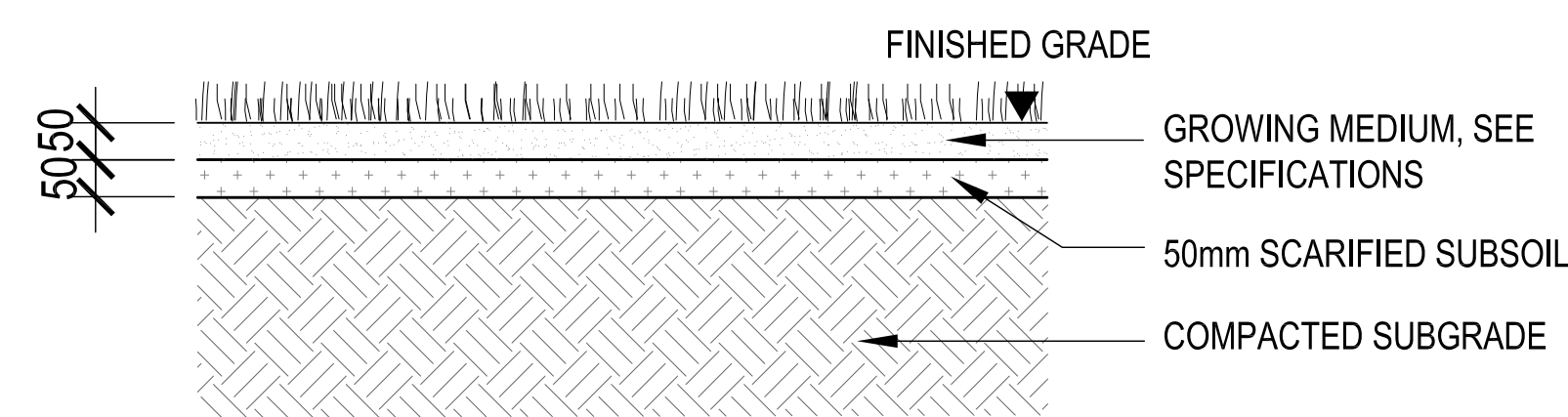
2 SHRUB PLANTING ON SLOPE
SCALE: 1:20



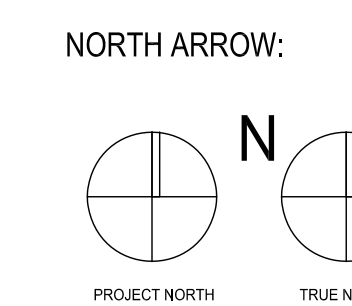
FORMAL



TRIANGULATION



5 SODDED LAWN SURFACE
SCALE: 1:10



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REVISION:

No.	Date	Details	By
1	2020.12.23	ISSUED FOR FEASIBILITY STAGE COSTING	GM/L
2	2021.03.15	ISSUED FOR 50% PROGRESS COSTING	GM/L
3	2021.04.08	ISSUED FOR DRAFT 90% COORDINATION	GM/L
4	2021.04.26	ISSUED FOR DEVELOPMENT PERMIT	GM/L

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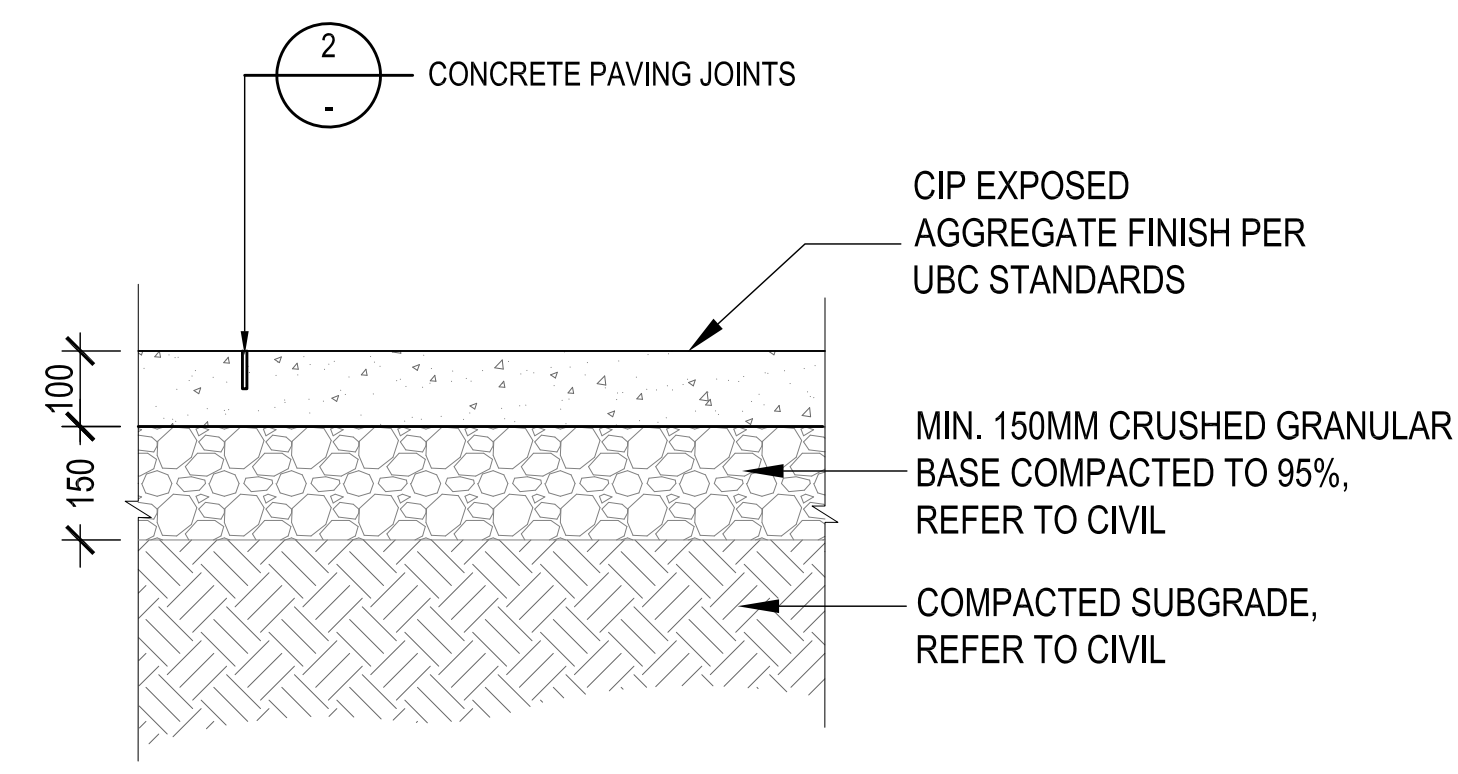
STAMP:

PROJECT NAME:
UBC, FIRST NATIONS HOUSE OF LEARNING EXPANSION

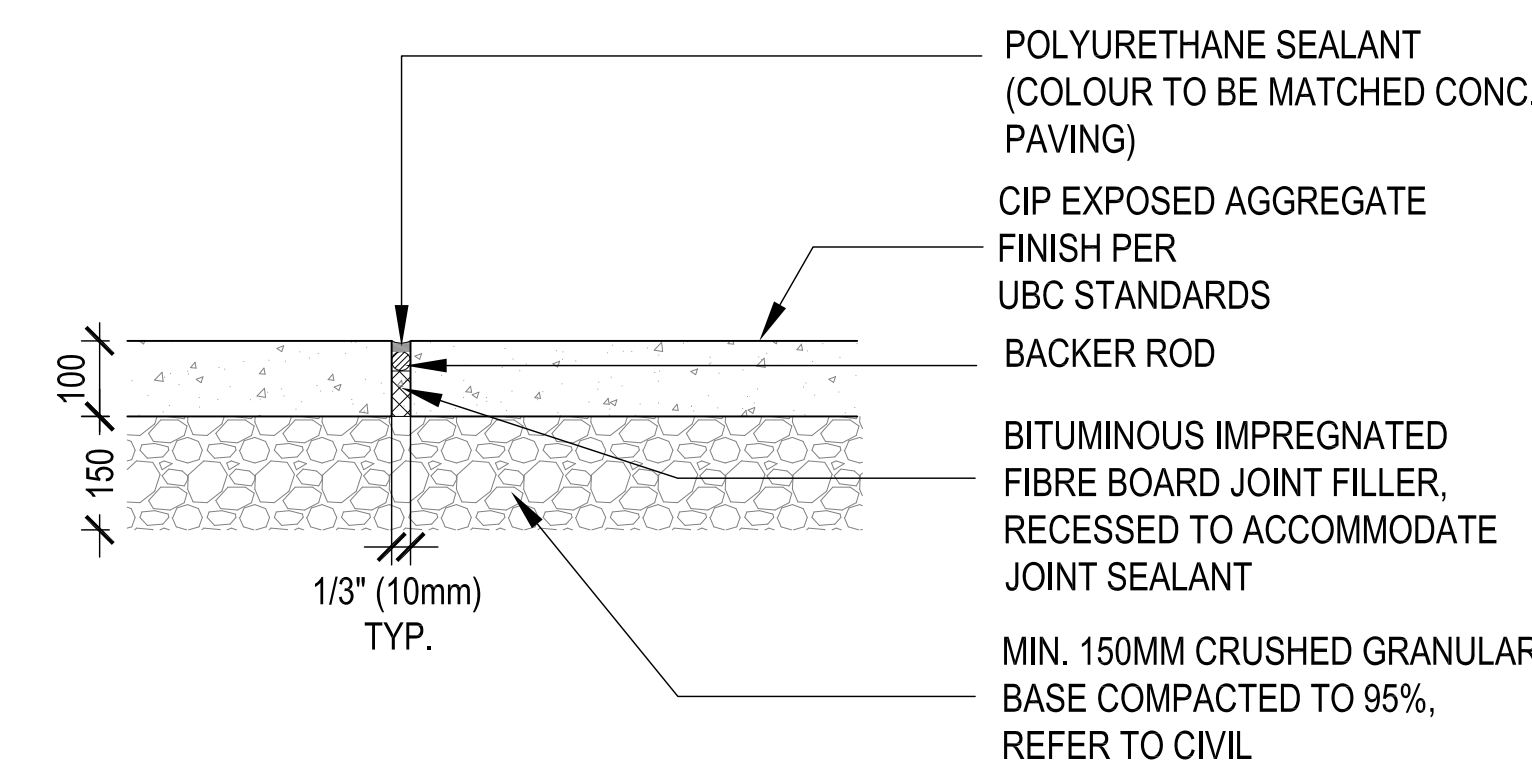
DRAWING TITLE:
LANDSCAPE PLANTING DETAILS

PFS PROJECT NUMBER: 20040 DATE: 12/23/2020
DRAWN BY: JL CHECKED BY: CM/CP

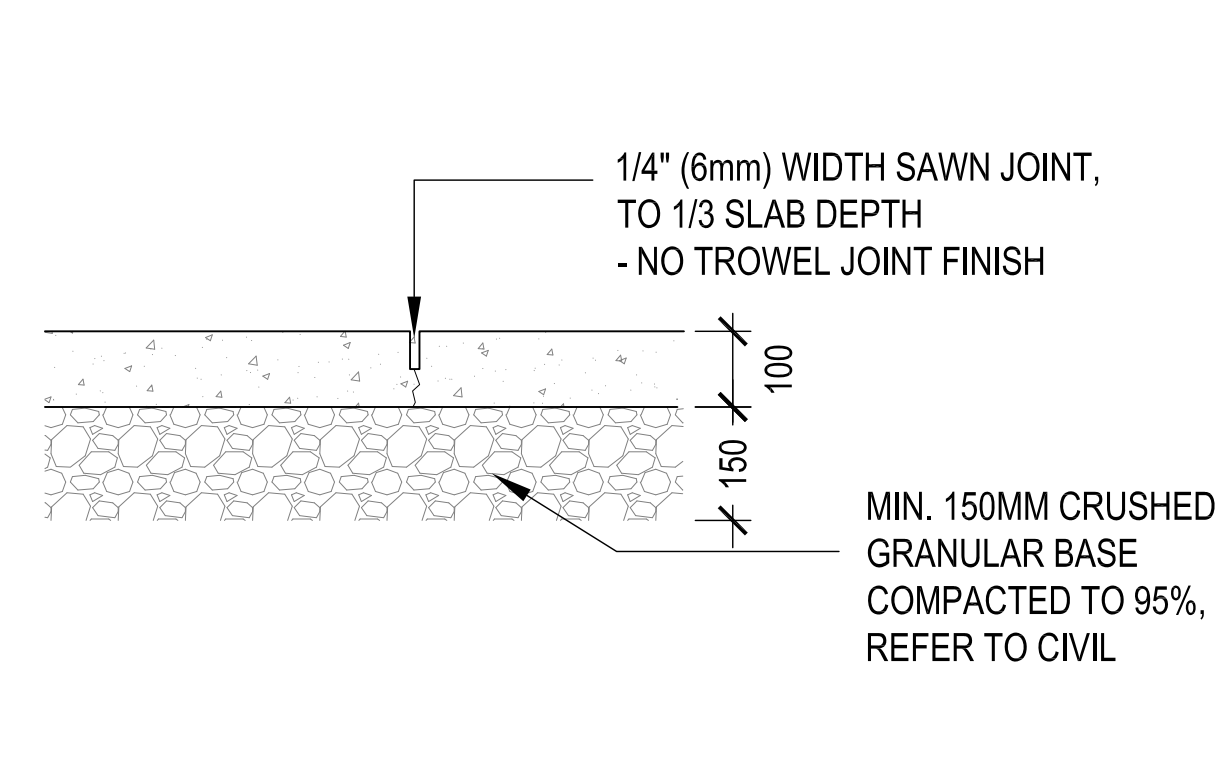
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DWG. NO.: **L3.0**



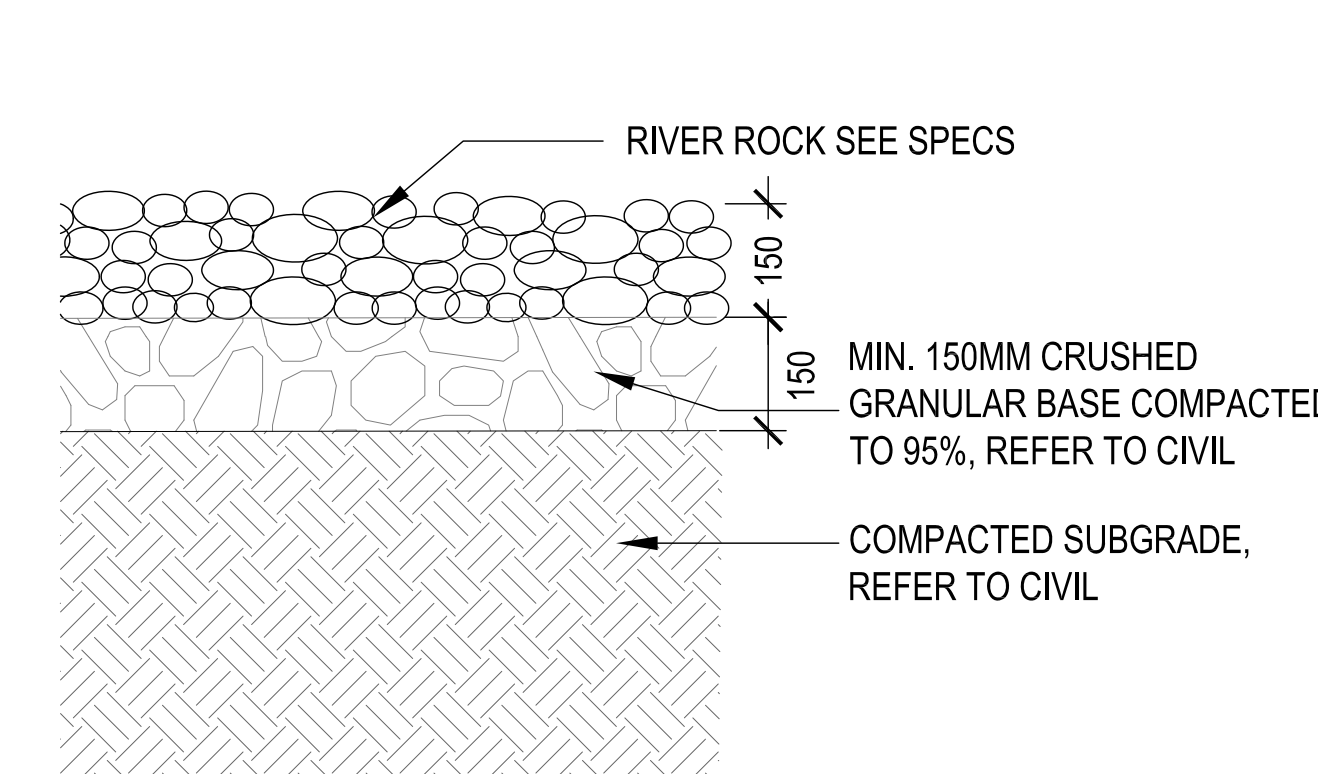
1 EXPOSED AGGREGATE C.I.P CONCRETE
SCALE: 1:10



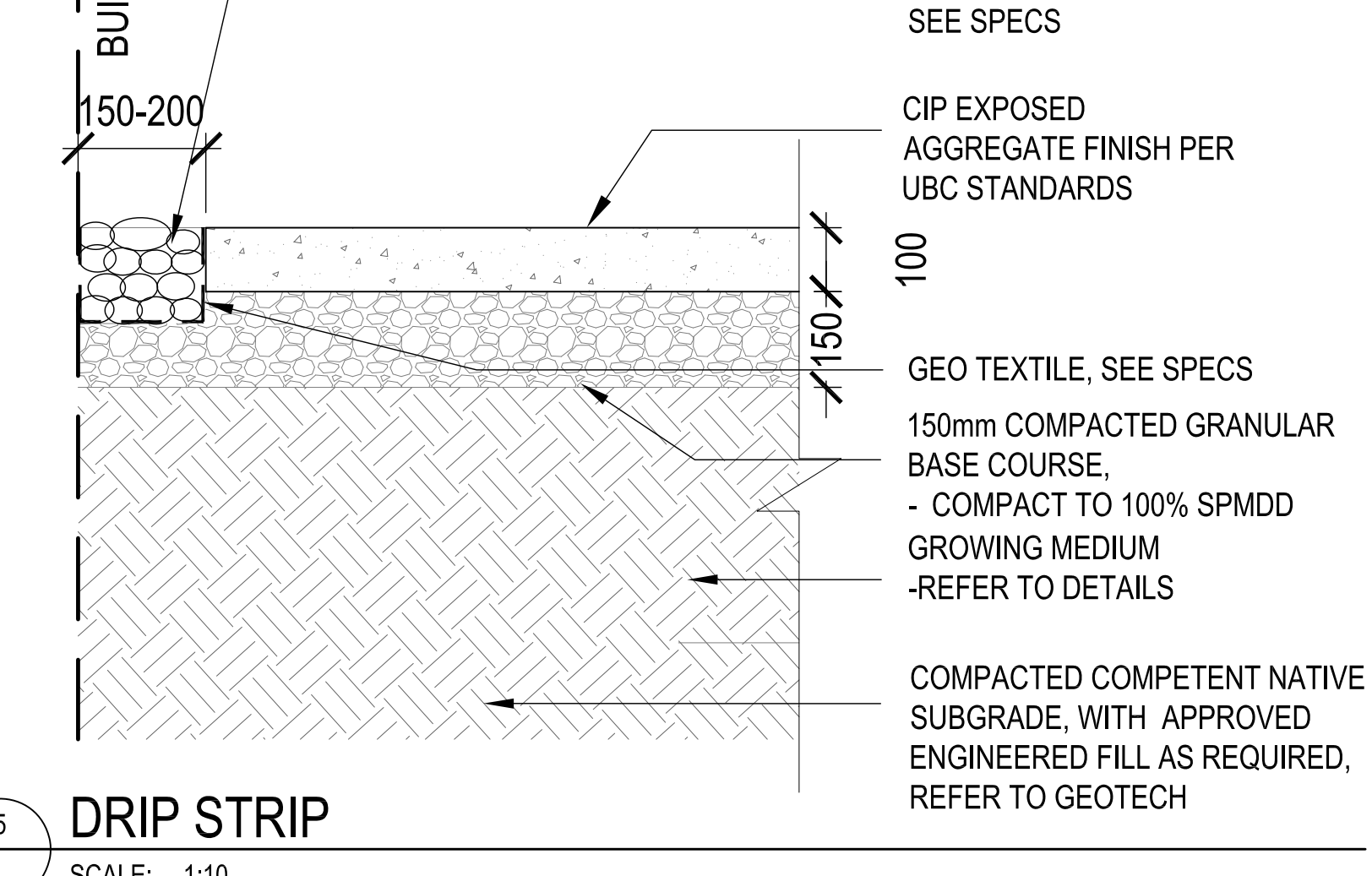
2 EXPANSION JOINTS DETAIL
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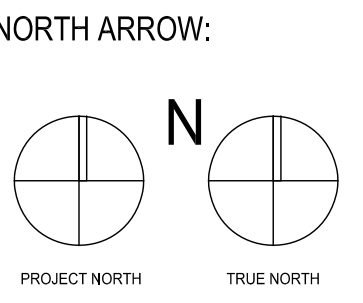
3 CONTROL JOINT
SCALE: 1:10



4 STANDARD RIVER ROCK DETAILS
SCALE: 1:10



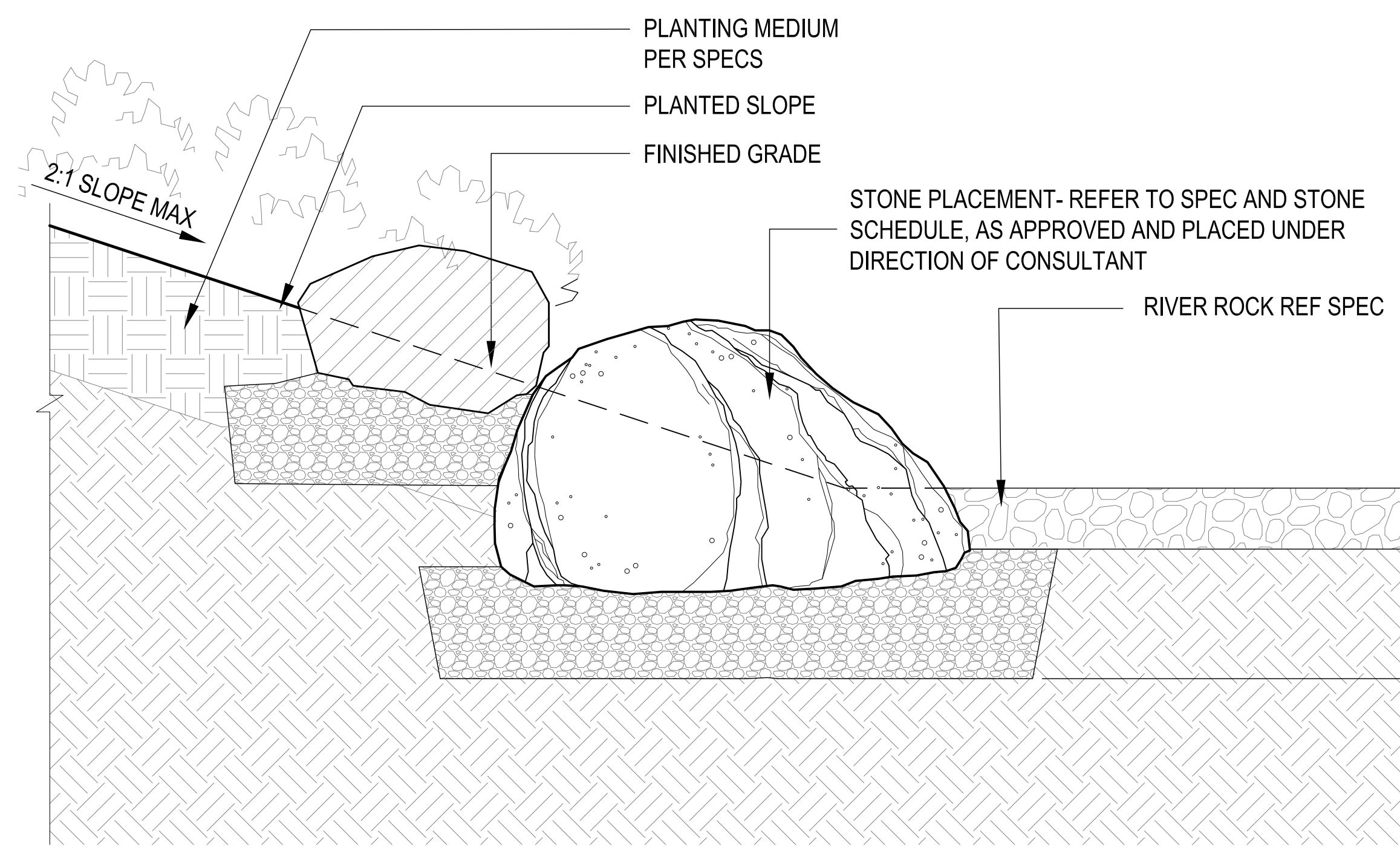
5 DRIP STRIP
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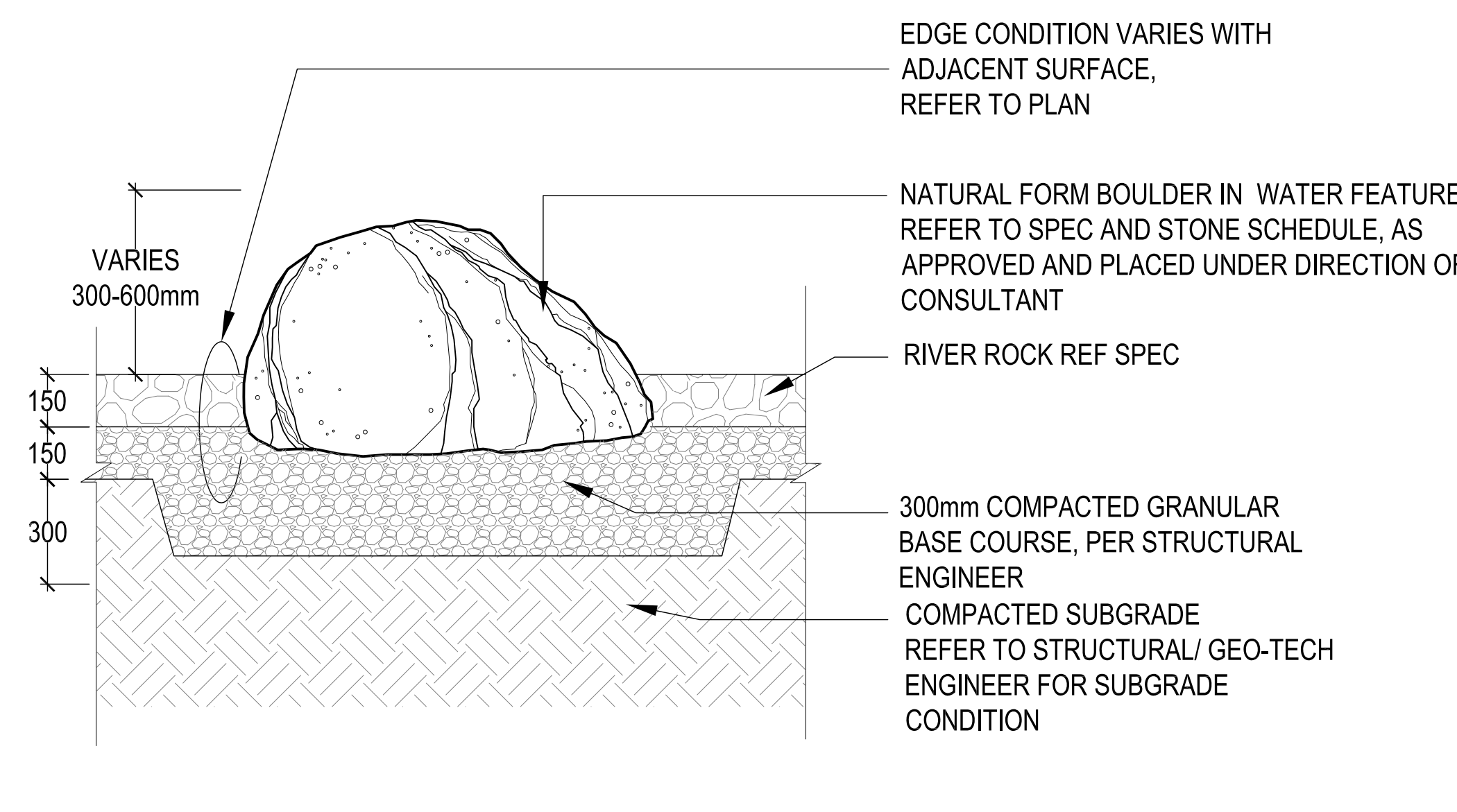
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REVISION:

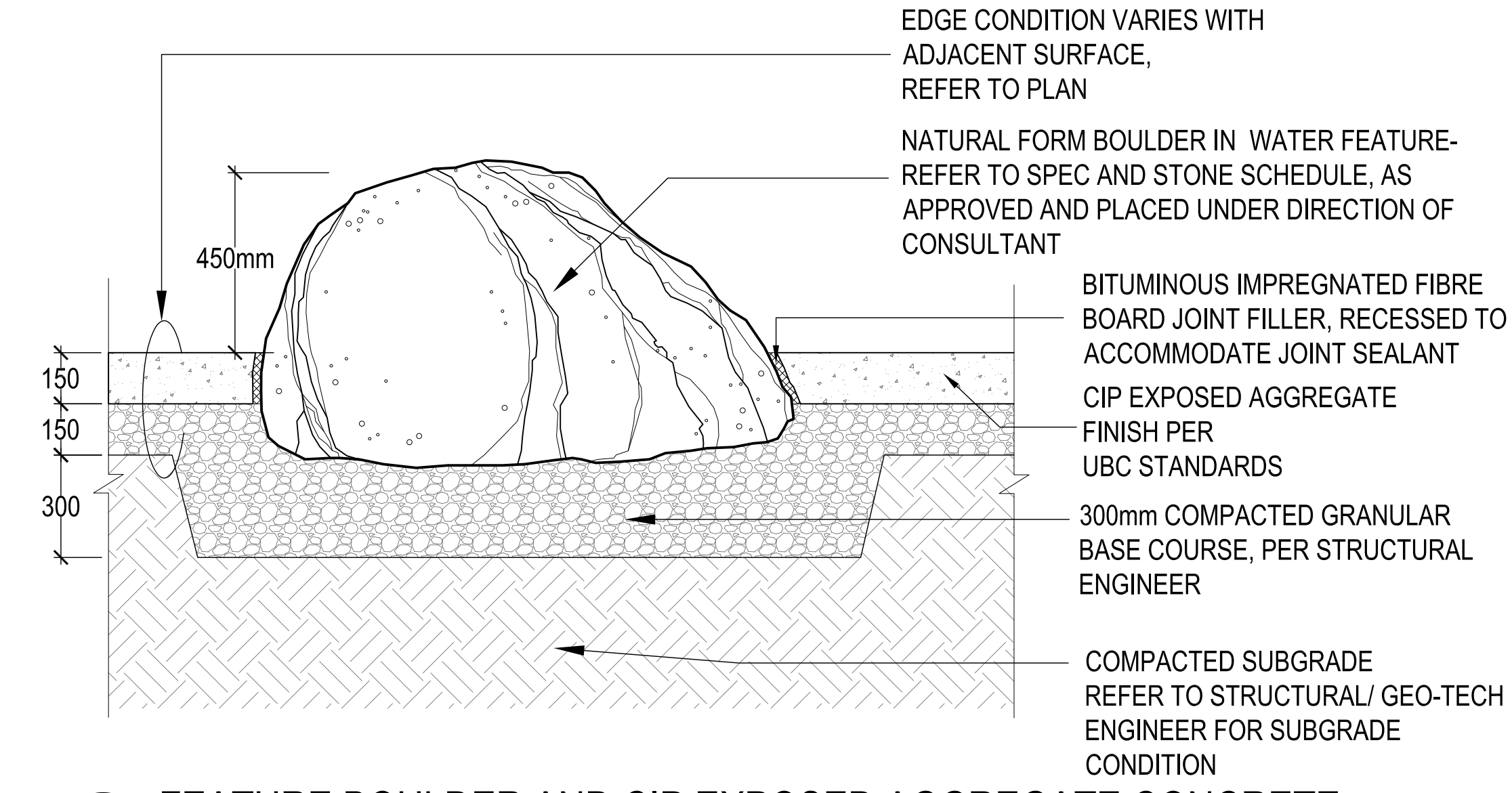
No.	Date	Details	By
1	2020.12.23	ISSUED FOR FEASIBILITY STAGE COSTING	CM/L
2	2021.03.15	ISSUED FOR 50% PROGRESS COSTING	CM/L
3	2021.04.08	ISSUED FOR DRAFT 90% COORDINATION	CM/L
4	2021.04.28	ISSUED FOR DEVELOPMENT PERMIT	CM/L



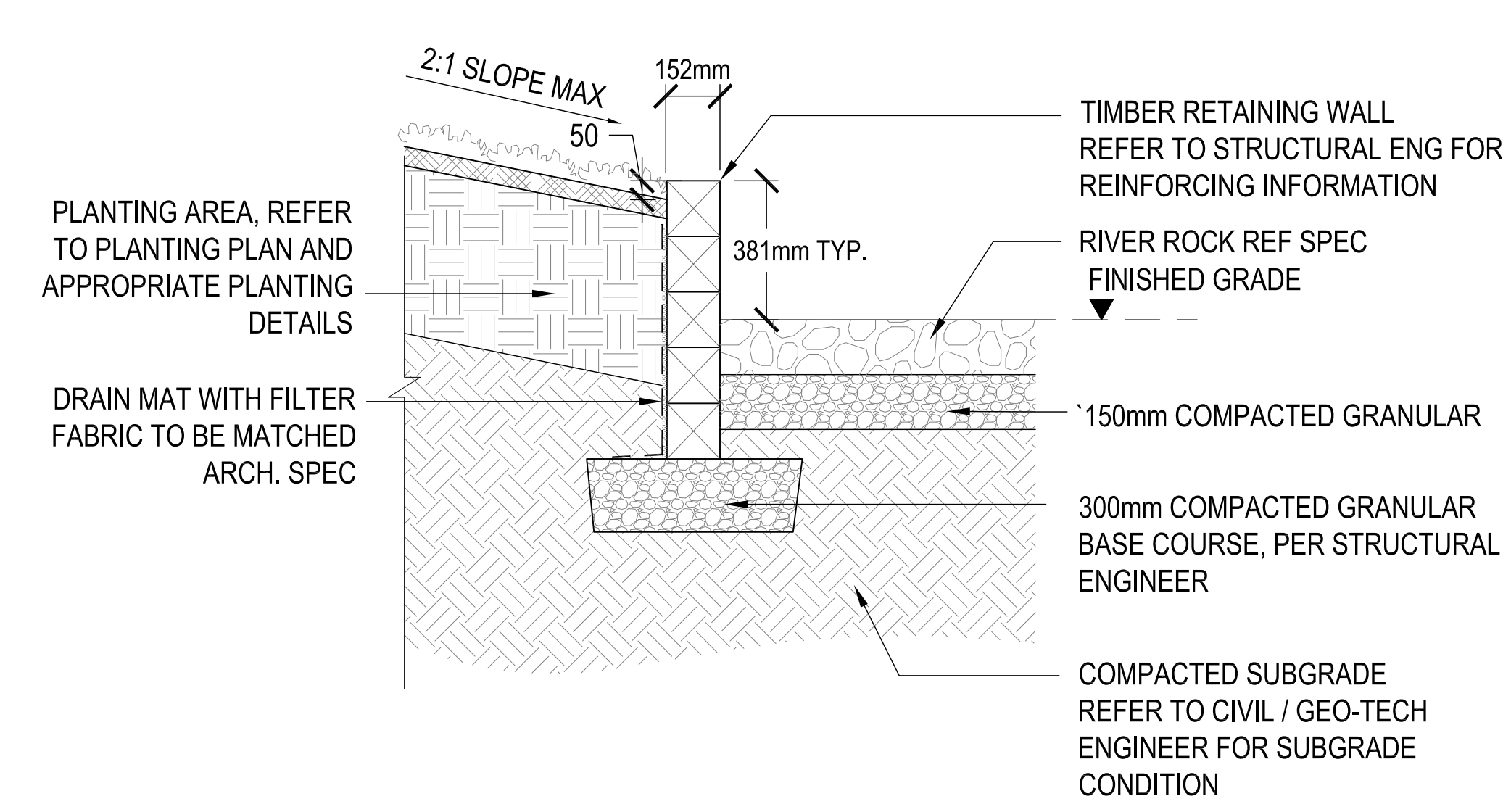
6 FEATURE BOULDER SLOPE STABILIZATION
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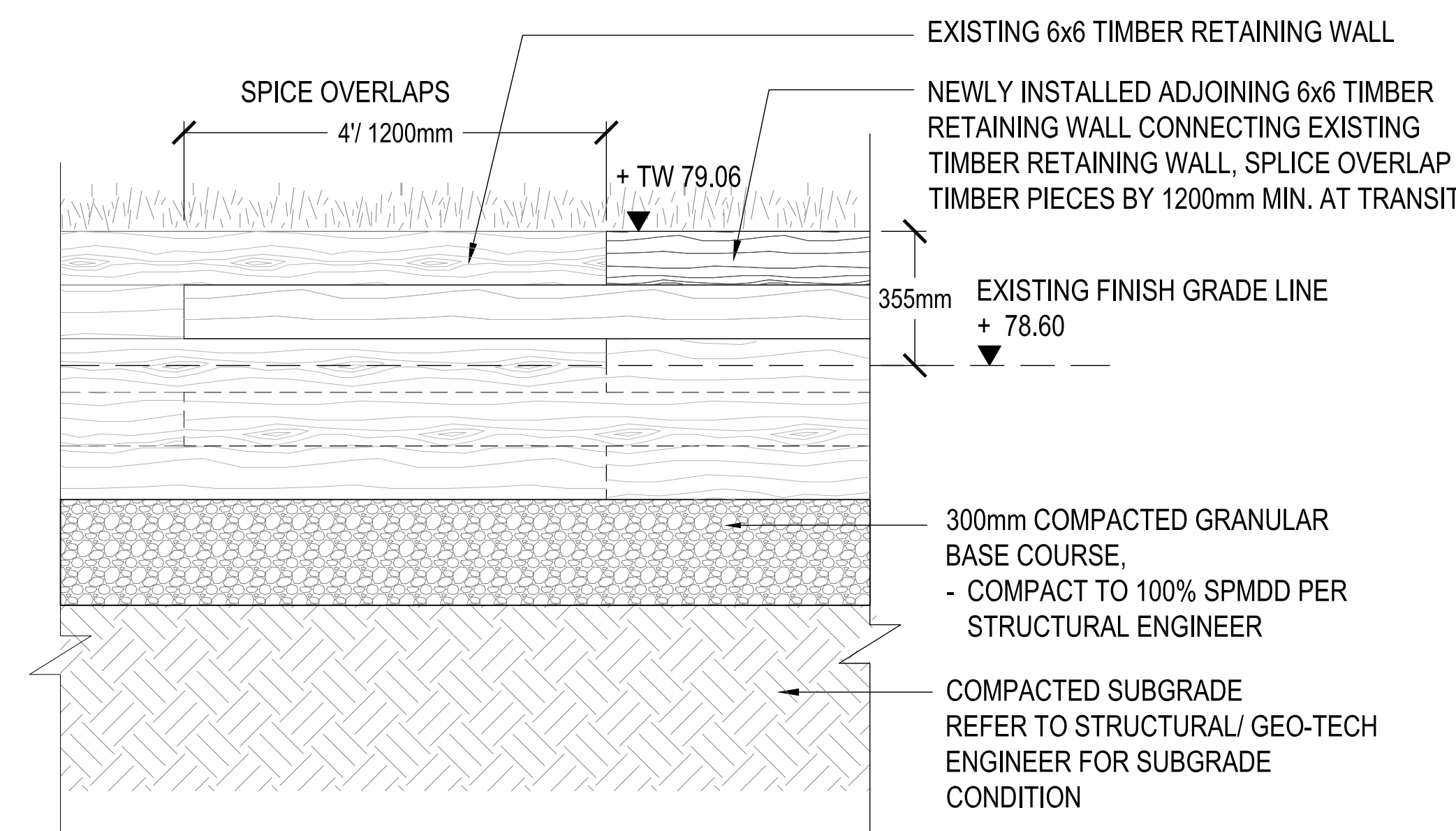
7 NATURAL FORM BOULDER AND RIVER ROCKS
SCALE: NTS



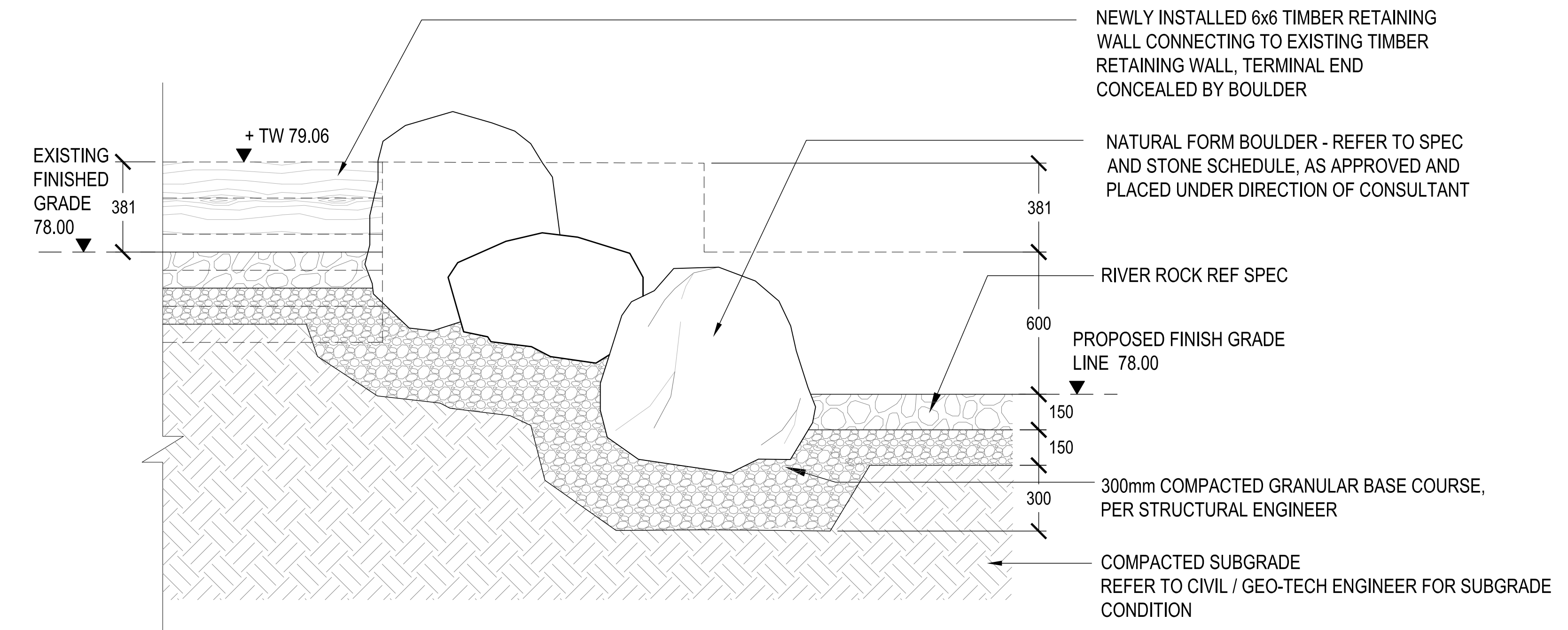
8 FEATURE BOULDER AND CIP EXPOSED AGGREGATE CONCRETE
SCALE: NTS



9 TIMBER RETAINING WALL SECTION
SCALE: NTS



10 EXISTING TIMBER WALL AND NEW TIMBER WALL TRANSITION
SCALE: NTS



12 BOULDER STEPPED TRANSITION
SCALE: NTS