









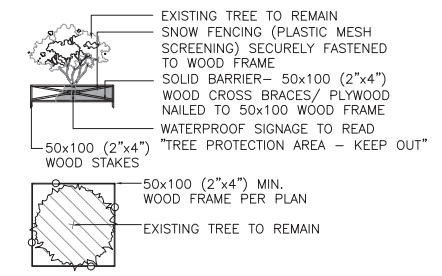
**SITE DEMOLITION LEGEND & NOTES**

-  HARDSCAPE TO BE REMOVED
-  WALL OR STAIRS TO BE REMOVED
-  SOFTSCAPE TO BE REMOVED
-  FEATURE TO BE REMOVED

1. PLAN BASED ON SURVEY CONDUCTED BY MURRAY & ASSOCIATES, SURREY, BC AND SUPPLIED BY UBC.
2. LOCATION OF AT-GRADE SERVICES SHOWN ON DRAWINGS ARE INDICATIVE ONLY. CONTRACTOR TO VERIFY LOCATION AND PROTECT ALL SITE SERVICES WITHIN SCOPE OF WORK PRIOR TO COMMENCEMENT OF EXCAVATION. REFER TO CIVIL FOR SUB-SURFACE UTILITY LOCATIONS.
3. REFER TO CIVIL FOR UTILITY DEMOLITION AND PROTECTION MEASURES.
4. REFER TO CIVIL FOR EROSION CONTROL MEASURES.
5. CONTRACTOR TO MAKE GOOD ANY DAMAGE DONE DURING THE CONSTRUCTION PERIOD TO EXISTING FEATURES TO BE RETAINED.
6. CONTRACTOR IS TO BECOME FAMILIAR WITH THE SITE AND REMOVE ANY AND ALL DEBRIS ASSOCIATED WITH CONSTRUCTION OF THE AMS BUILDING AND THE EXISTING SUB-IMPROVEMENTS.
7. REMOVE AND STOCKPILE ALL EXISTING SITE FURNISHINGS WITHIN HATCHED AREAS. COORDINATE STORAGE WITH UBC.
8. REMOVE AND RETAIN ANY MEMORIAL OR HISTORIC LANDSCAPE ITEMS, PLAQUES, BENCHES ETC AND RETURN TO OWNER.
9. REMOVE AND STORE "GODDESS OF DEMOCRACY" MONUMENT TO A TEMPORARY AND PROTECTED LOCATION DURING CONSTRUCTION ACTIVITIES. COORDINATE APPROVED LOCATION WITH UBC PROPERTIES TRUST PROJECT MANAGER.
10. REFER TO AMS ARCHITECTURAL PACKAGE FOR SUBSURFACE EXCAVATION AND SHORING REQUIREMENTS.

**TREE PROTECTION LEGEND**

-  DECIDUOUS TREE TO BE REMOVED
-  CONIFEROUS TREE TO BE REMOVED
-  TREE PROTECTION FENCE
-  EXISTING TREE TO REMAIN



**TREE PROTECTION FENCE**  
 LG001 SCALE: 1:20

**TREE PROTECTION NOTES**

1. NO STORAGE OF BUILDING /CONSTRUCTION MATERIALS WITHIN PROTECTED AREAS OR AGAINST PROTECTION BARRIER.
2. ANY PRUNING OF BRANCHES OR ROOTS MUST BE DONE BY THE PROJECT ARBORIST.
3. CONTRACTOR TO UNDERTAKE TREE PROTECTION MEASURES TO UNIVERSITY OF BRITISH COLUMBIA STANDARDS.
4. HAND EXCAVATE ONLY WITHIN DRIPLINE OF TREES TO BE RETAINED. SEVER ROOTS CLEANLY. CONTACT PROJECT ARBORIST FOR APPROVAL PRIOR TO SEVERING ROOTS IN EXCESS OF 100mm DIA.
5. TREE 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.
6. LOCATION OF TREE PROTECTION FENCING AND LIMIT OF ACCESS FENCING TO BE VERIFIED WITH CONSULTANT PRIOR TO INSTALLATION. TREE PROTECTION FENCING TO BE MOVED ONLY UNDER THE DIRECTION OF THE CONSULTANT DURING FINAL GRADING OF KNOLL.
7. BASED ON CONTRACTOR'S STAGING AND ACCESS REQUIREMENTS, ADDITIONAL TREE PROTECTION FENCING MAY BE REQUIRED.

**TREE REMOVAL SCHEDULE**

1. 590mm, deciduous tree (#2860)	16. 800mm, deciduous tree	32. 380mm, coniferous tree	46. 450mm, snakebark maple (#2885)	61. 380mm, deciduous tree (#2637)
2. no data, coniferous tree	17. 130mm, deciduous tree	33. 180mm, coniferous tree	47. 390mm, snakebark maple (#2886)	62. 370mm, deciduous tree
3. 330mm, coniferous tree (#2432)	18. 70mm, deciduous tree	34. 550mm, deciduous tree (#2600)	48. 340mm, deciduous tree	63. 340mm, deciduous tree (#2641)
4. 260mm, coniferous tree (#2431)	19. 70mm, deciduous tree	35. 560mm, deciduous tree (#2599)	49. 310mm, deciduous tree	
5. 300mm, coniferous tree (#2430)	20. 260mm, deciduous tree	36. 600mm, deciduous tree (#2598)	50. 260mm, deciduous tree	
6. 350mm, deciduous tree	21. 330mm, deciduous tree	37. 600mm, deciduous tree (#2591)	51. 310mm, deciduous tree	
7. 100mm, deciduous tree	22. 380mm, coniferous tree	38. 700mm, deciduous tree	52. 290mm, deciduous tree	
8. 370mm, deciduous tree	23. 300mm, deciduous tree	39. 240mm, deciduous tree	53. 410mm, deciduous tree	
9. 180mm, deciduous tree	24. 560mm, deciduous tree	40. 540mm, deciduous tree (#2878)	54. 170mm, coniferous tree	
10. 120mm, deciduous tree	25. 200mm, deciduous tree	41. 670mm, deciduous tree (#2879)	55. 110mm, coniferous tree	
11. 100mm, deciduous tree	26. 470mm, coniferous tree	42. 770mm, deciduous tree (#2881)	56. 470mm, deciduous tree (#2639)	
12. 200mm, deciduous tree	27. 220mm, deciduous tree	43. 100mm, deciduous tree (#2882)	57. 280mm, deciduous tree	
13. 100mm, deciduous tree	28. 220mm, deciduous tree	44. 500mm, Japanese cherry (#2883)	58. 310mm, deciduous tree	
14. 500mm, deciduous tree	29. 190mm, deciduous tree	45. 310/290/120mm, Japanese cherry (#2884)	59. 250mm, deciduous tree	
15. 500mm, deciduous tree	30. 80mm, deciduous tree		60. 260mm, deciduous tree	
	31. 140mm, coniferous tree			

NOTE: # DENOTES THE TAG AFFIXED TO THE TREE FOR IDENTIFICATION PURPOSES

no	date	revision

**PROJECT**  
 New SUB Project  
 University of British Columbia  
 Vancouver, B.C.

**DRAWING**  
**Tree Protection & Site Demolition Plan**

**DIALOG**

Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.

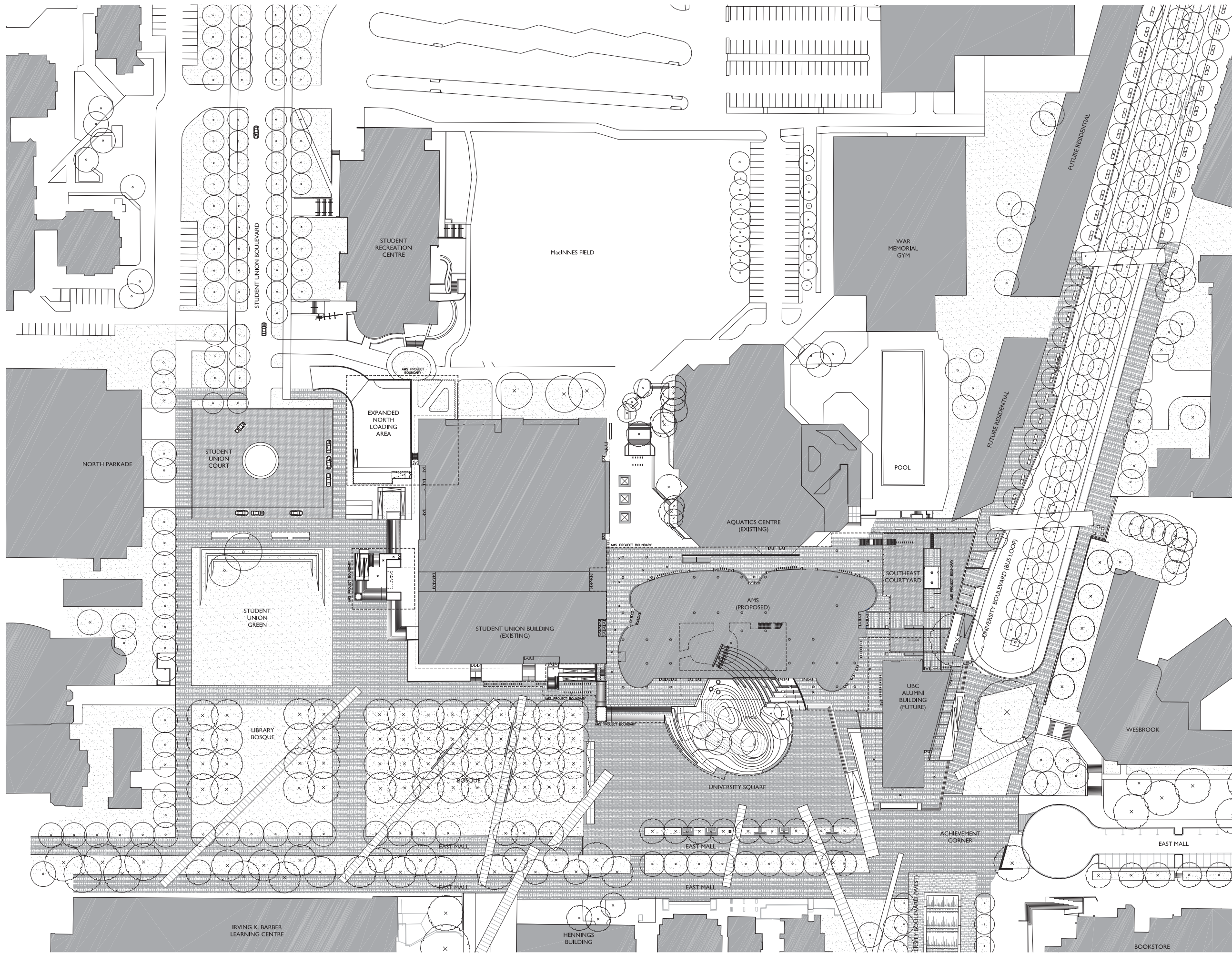
This drawing is not to be used for construction until issued for that purpose by the Architect.

Upon the commencement of the work the contractor shall verify all dimensions, contours and levels to verify any errors and coordinate with any discrepancies between the drawing and the field control documents and, set-up from them to the attention of the Architect for a drawdown.

DRAWN	DATE
NST / CH	January, 2012
SCALE	REVIEWED
1:300	RD
10039(PFS)PROJECT NO	

**LG001**

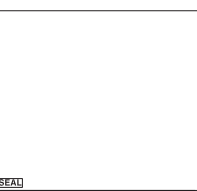




**DIALOG**

408 - 611 Alexander Street  
 Vancouver, BC Canada V6A 1E1

T 604.255.1189  
 F 604.255.1790  
 E design@dialogbc.ca



LANDSCAPE ARCHITECT:  
**PHILLIPS FAREVAAG SMALLENBERG**

no.	date	revision
22	Jan 12	Based for Tender/BP
21	Dec 11	Based for 90% Construction Documents
20	Nov 11	Based for 90% Construction Documents
19	Oct 11	Based for 90% Construction Documents
18	Jul 11	Based for 90% Design Development
17	Mar 11	Based for 90% Design Development
16	Mar 11	Based for 90% Design Development
date	issue	

**PROJECT**

New SUB Project  
 University of British Columbia  
 Vancouver, B.C.

**DRAWING**

Context\_Full Build-Out  
**FOR REFERENCE ONLY**

**DIALOG**

Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.

This drawing is not to be used for construction until based for that purpose by the Architect.

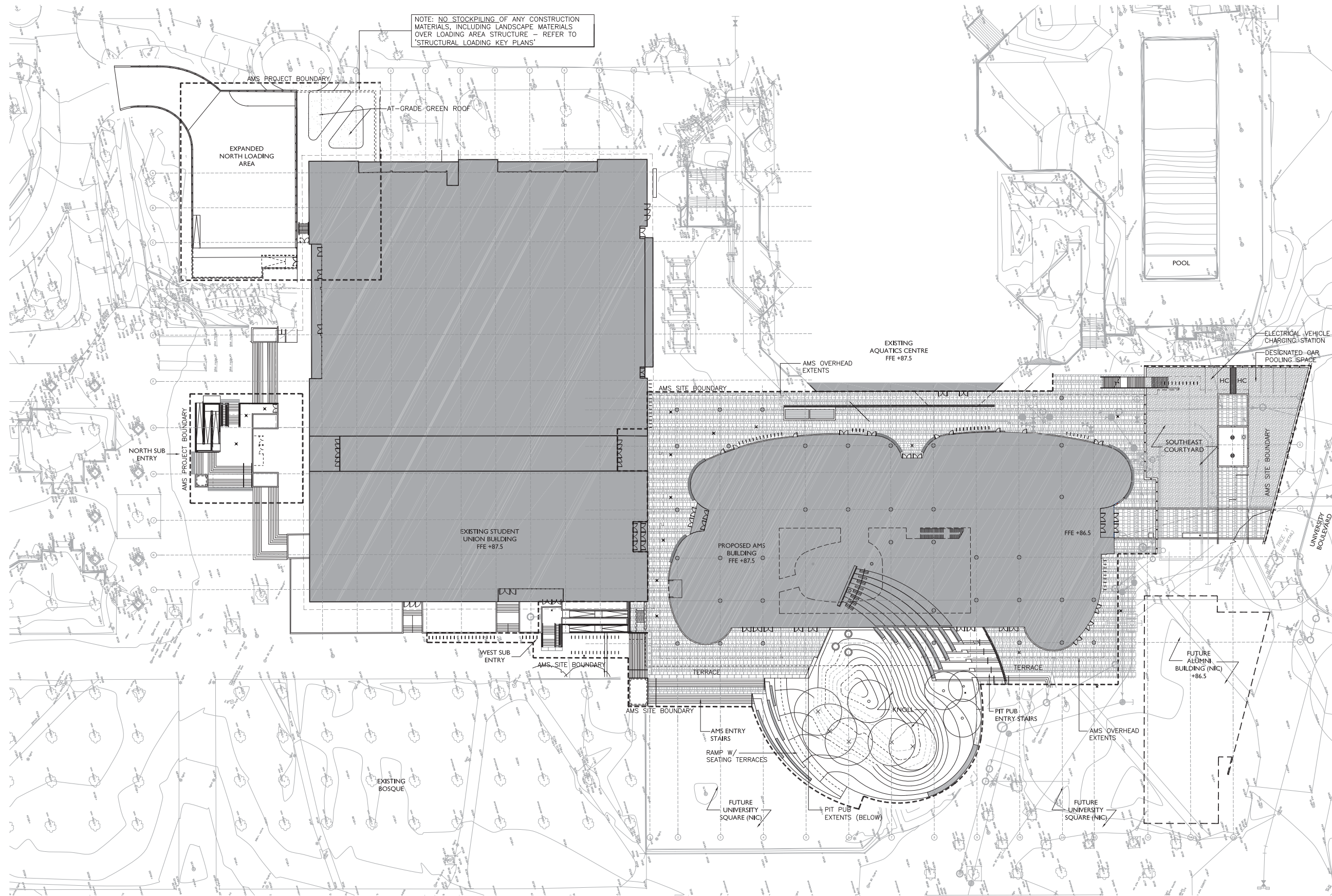
Prior to commencement of the work the contractor shall verify all dimensions, contours and levels to identify any errors and omissions, and shall notify any discrepancies between the drawing and the field conditions immediately and in writing to the attention of the Architect for clarification.

<b>DRAWN</b>	INST	<b>DATE</b>	January, 2012
<b>SCALE</b>	1:500	<b>REVIEWED</b>	RD

10039(PFS)PROJECT NO

**LG002**





**DIALOG**

408 - 611 Alexander Street  
Vancouver, BC Canada V6A 1E1

T 604.255.1169  
F 604.255.1790  
E design@dialogbc.ca

LANDSCAPE ARCHITECT:  
PHILLIPS FAREVAAG SMALLBERG

no.	date	revision
21	2011	Issue for Tender/RFI
22	2011	Issue for 90% Construction Documents
23	2011	Issue for 90% Construction Documents
24	2011	Issue for 90% Construction Documents
25	2011	Issue for 100% Design/Construction Documents
26	2011	Issue for 100% Design/Construction Documents
date	issue	

**PROJECT**

New SUB Project  
University of British Columbia  
Vancouver, B.C.

**DRAWING**

Site Plan

**DIALOG**

Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.

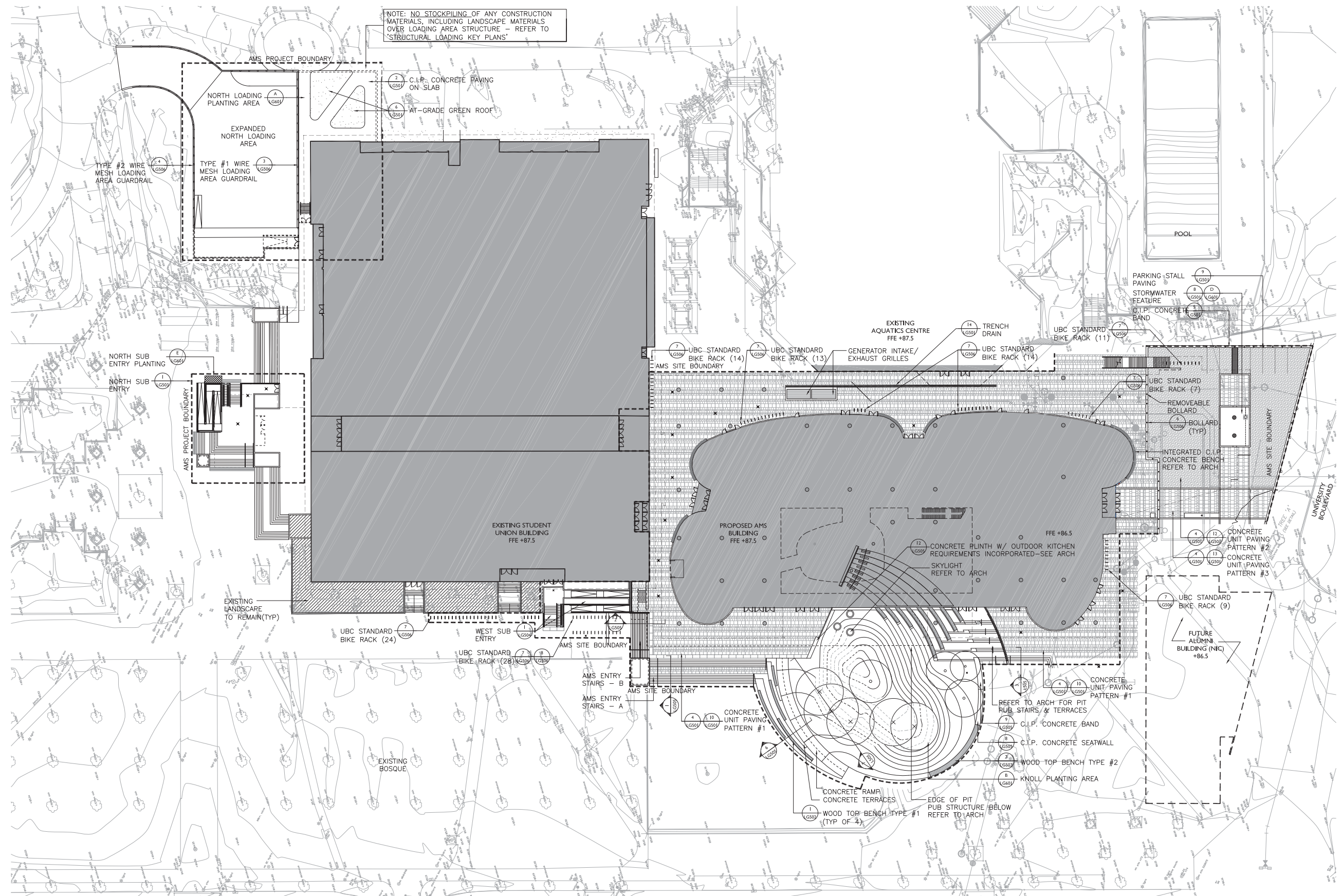
This drawing is not to be used for construction until issued for that purpose by the Architect.

Plan to measurement of the work the contractor shall verify all dimensions, columns and levels to verify any errors and omissions, including any discrepancies between the drawing and the full contract documents and, being bound to the attention of the Architect for clarification.

DRAWN	DATE	DATE
INST	January, 2012	
SCALE	REVIEWED	RD
1:300		
10039(PFS)PROJECT NO		

LG101





- LEGEND**
- REMOVEABLE BOLLARD
  - STANDARD BOLLARD
  - WIRE MESH GUARDRAIL (SERVICE AREA ONLY)
  - GLASS GUARDRAIL
  - ✕ AREA DRAIN

no	date	revision
21	Jan 12	Issue for Tender/BP
22	Jan 12	Issue for 90% Construction Documents
23	Jan 12	Issue for 100% Construction Documents
24	Jan 12	Issue for 100% Design/Construct
25	Jan 12	Issue for 100% Design/Construct
26	Jan 12	Issue for 100% Design/Construct
27	Jan 12	Issue for 100% Design/Construct
28	Jan 12	Issue for 100% Design/Construct
29	Jan 12	Issue for 100% Design/Construct
30	Jan 12	Issue for 100% Design/Construct

**PROJECT**

New SUB Project  
University of British Columbia  
Vancouver, B.C.

**DRAWING**

Materials Plan

**DIALOG**

Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.

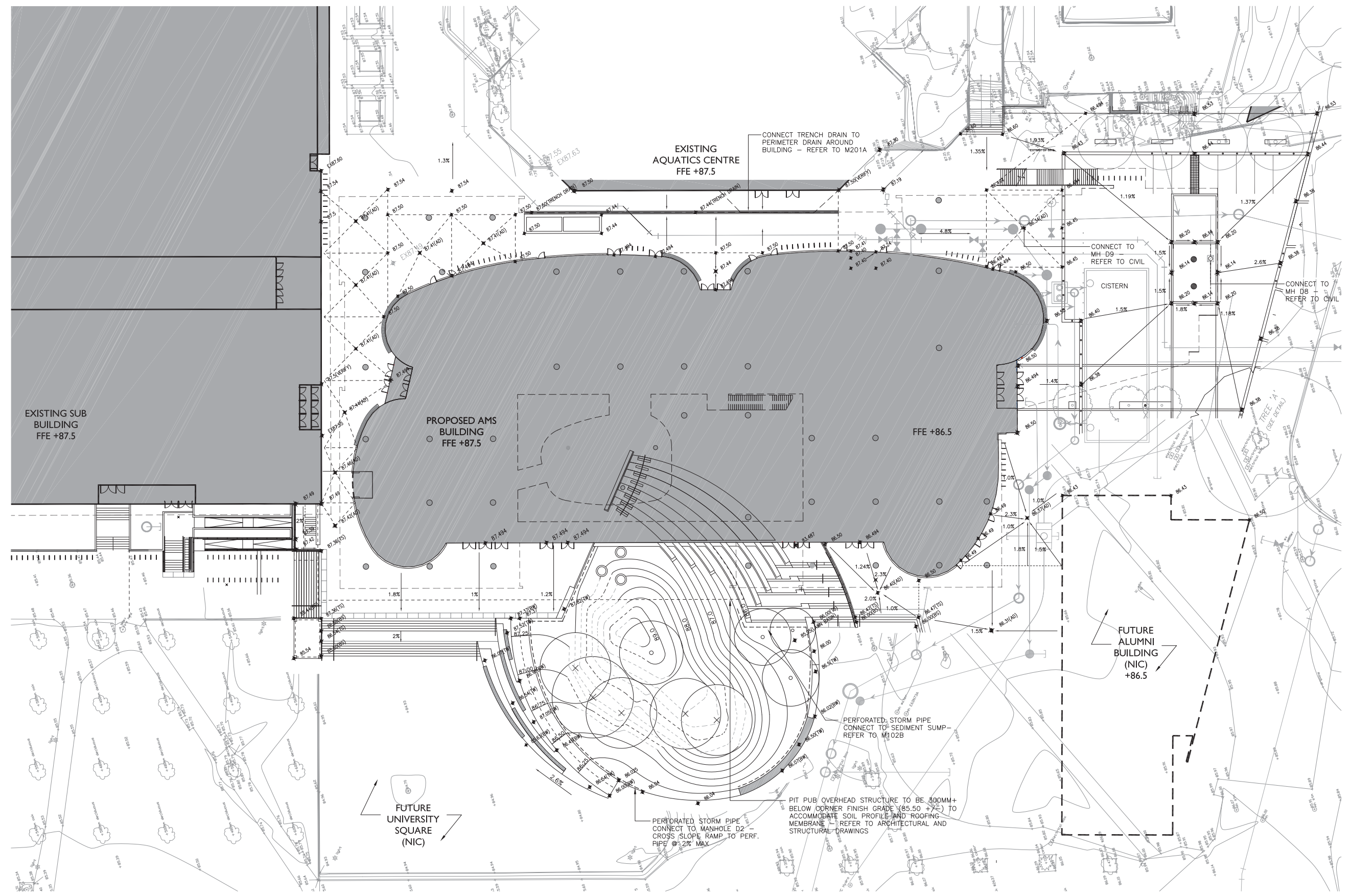
This drawing is not to be used for construction until issued for that purpose by the Architect.

Plan to measurement of the work the contractor shall verify all dimensions, columns and levels to identify any errors and indicate on the drawing any discrepancies between the drawing and the field control documents and, after these items to the attention of the Architect for clarification.

DRAWN	DATE	REVIEWED	DATE
NS	January, 2012	RD	
SCALE	1:300		

10039(PFS)PROJECT NO





- NOTES:
- REFER TO SHEET LG302 FOR AREA ENLARGEMENTS FOR NORTH LOADING AREA, NORTH SUB ENTRY, WEST SUB ENTRY, AND KNOLL TERRACES
  - REFER TO ARCHITECTURAL DRAWINGS FOR SOUTH SIDE KNOLL STAIR AND TERRACE GRADING & DRAINAGE

no	date	revision

PROJECT

**New SUB Project  
University of British Columbia  
Vancouver, B.C.**

DRAWING

**Grading Plan**

DIALOG

Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.

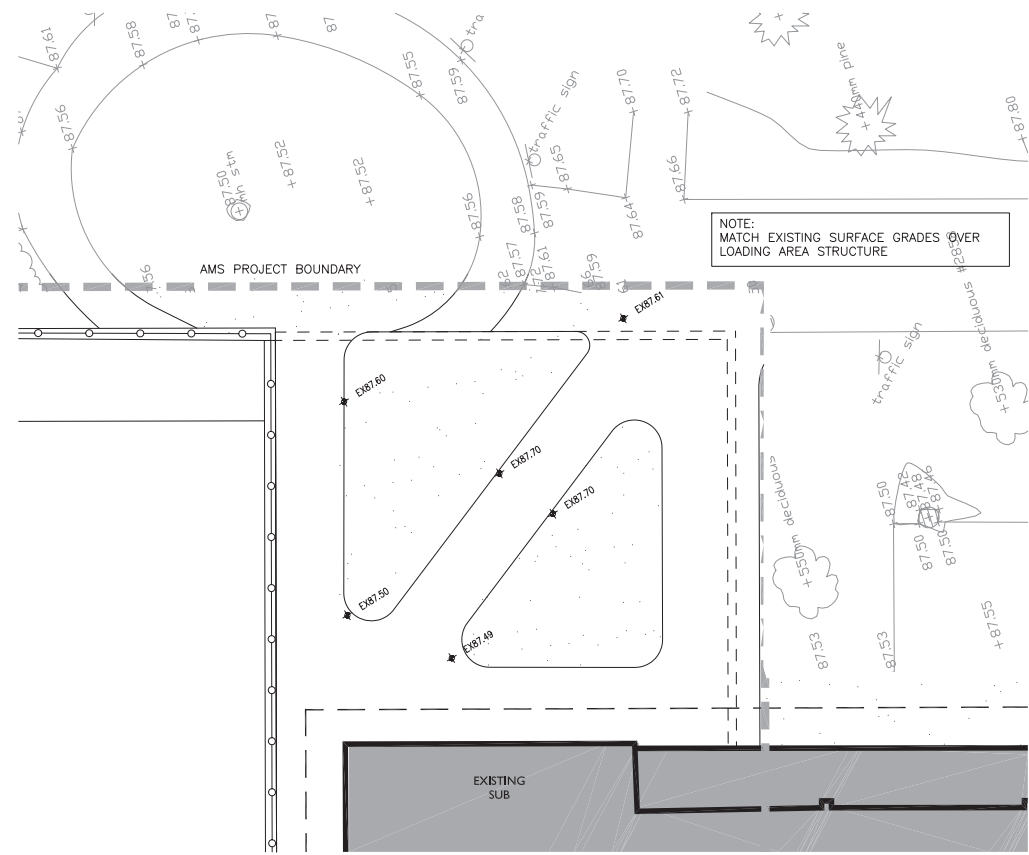
This drawing is not to be used for construction until issued for that purpose by the Architect.

Plan to accommodate the work the contractor shall verify all dimensions, columns and levels to identify any errors and indicate on drawings any discrepancies between the drawing and the field control documents and refer these items to the attention of the Architect for clarification.

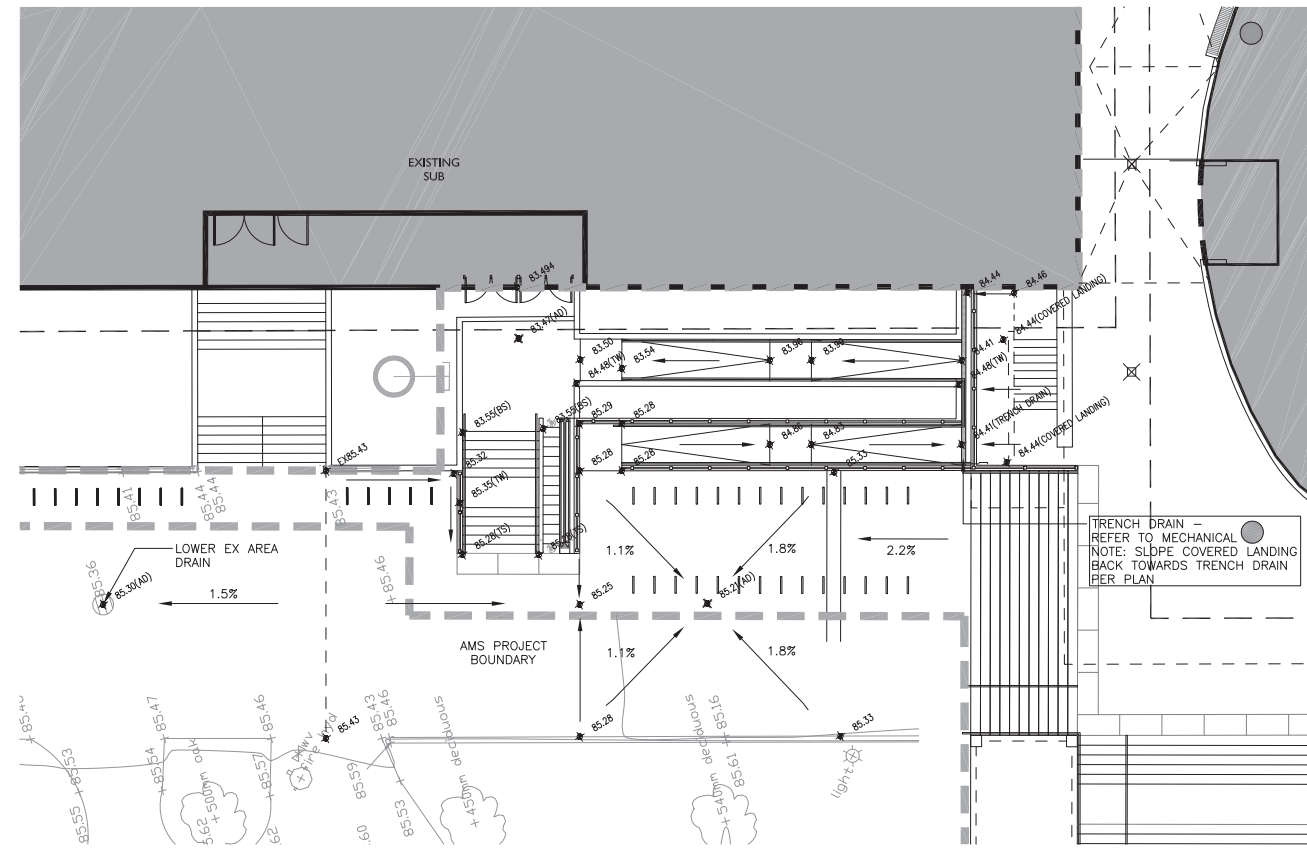
DRAWN	DATE	REVIEWED
NS	January, 2012	RD
SCALE	1:200	PROJECT NO

10039(PFS)PROJECT NO

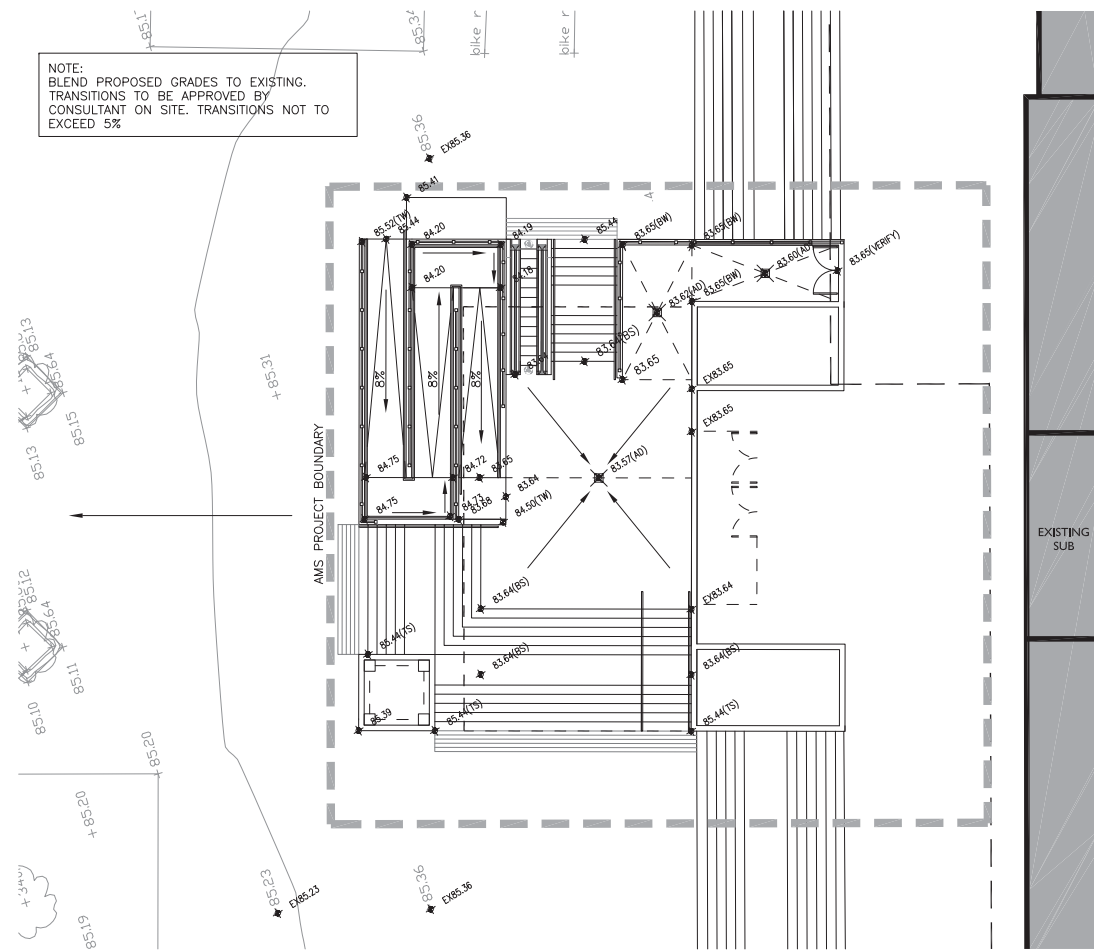




**A** NORTH LOADING AREA  
 L402 SCALE: 1:100



**C** WEST SUB ENTRY  
 L402 SCALE: 1:100



**B** NORTH SUB ENTRY  
 L402 SCALE: 1:100

no.	date	revision
22	Jan 12	Revised for Tender
21	Dec 11	Revised for 90% Construction Documents
20	Nov 11	Revised for 90% Construction Documents
19	Oct 11	Revised for 90% Construction Documents
18	Aug 11	Revised for 90% Construction Documents
17	Jun 11	Revised for 100% Design Development
16	Mar 11	Revised for 90% Design Development
date	issue	

**PROJECT**  
 New Sub Project  
 University of British Columbia  
 Vancouver, B.C.

**DRAWING**  
 Grading Plan

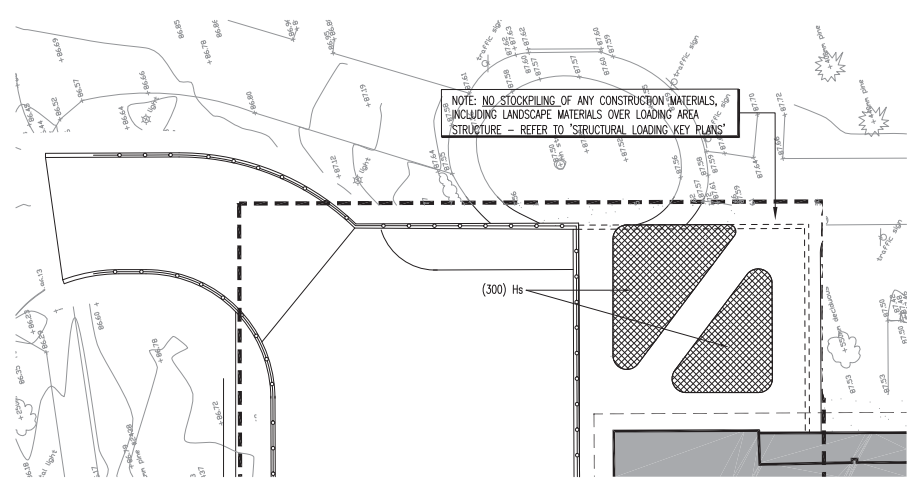
**DIALOG**  
 Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.  
 This drawing is not to be used for construction until issued for that purpose by the Architect.  
 Prior to commencement of the work the contractor shall verify all dimensions, columns and levels to verify any errors and omissions, and shall notify any discrepancies between the drawing and the field conditions immediately to the Architect for clarification and approval. The contractor shall be responsible for any errors and omissions in the field conditions and shall be held liable for any errors and omissions in the field conditions.

**DRAWN** NST      **DATE** January, 2012  
**SCALE** 1:200      **REVIEWED** RD  
 10039(PFS)PROJECT NO

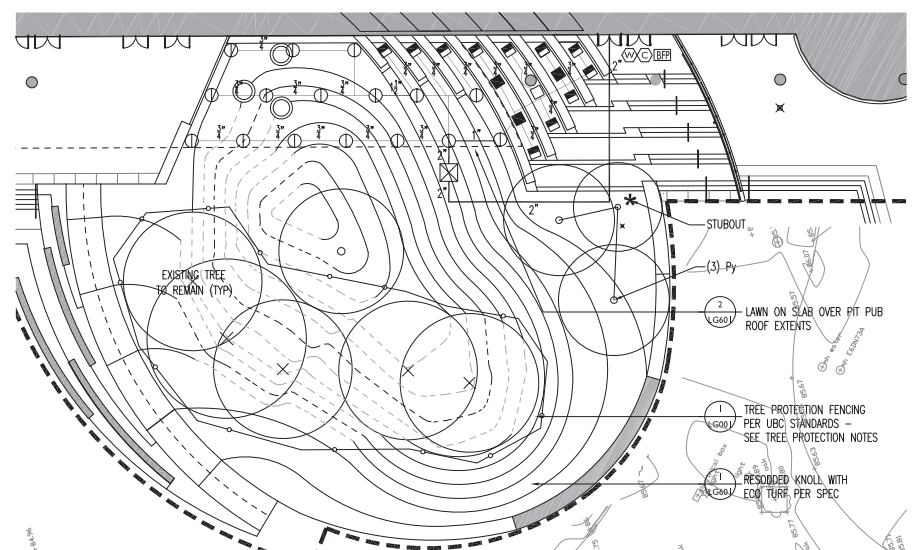




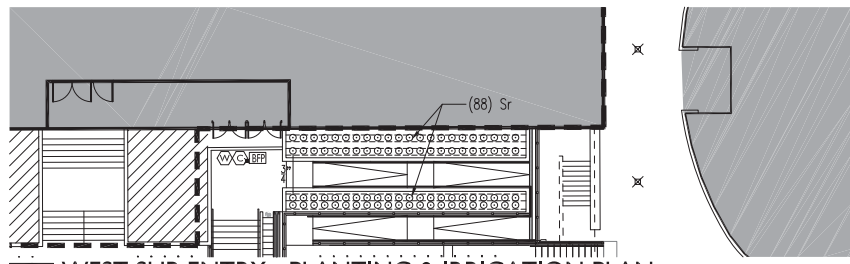




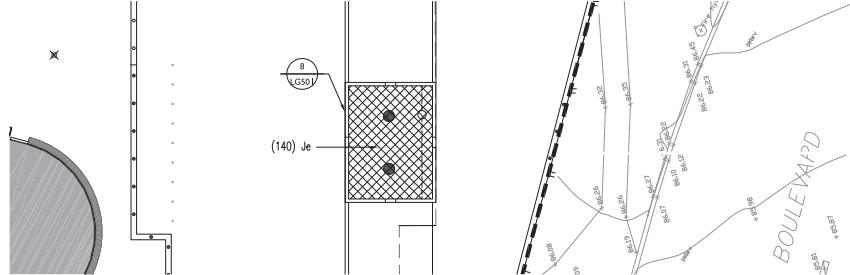
**A NORTH LOADING AREA PLANTING PLAN - AT GRADE GREEN ROOF**  
LG601 SCALE: 1:200



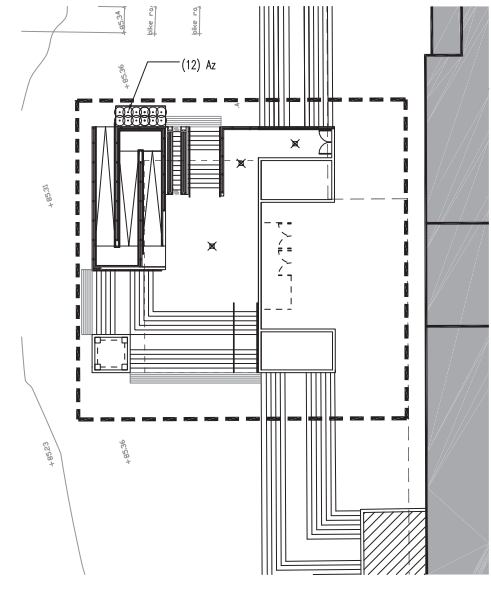
**B "THE KNOLL" PLANTING & IRRIGATION PLAN**  
LG601 SCALE: 1:200



**C WEST SUB ENTRY - PLANTING & IRRIGATION PLAN**  
LG601 SCALE: 1:200



**D SE COURTYARD PLANTER**  
LG601 SCALE: 1:200



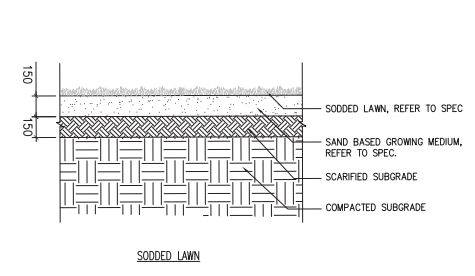
**E NORTH ENTRY PLANTING PLAN**  
LG601 SCALE: 1:200

**PLANTING SCHEDULE**

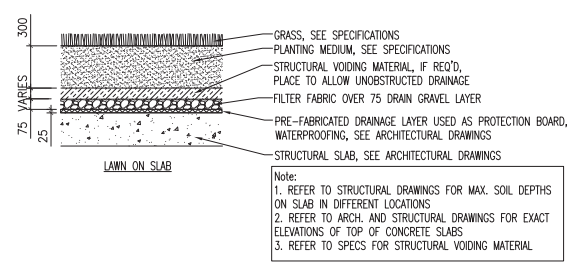
TREES					
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
(1)	Po	Platanus occidentalis	American Sycamore	7cm cal.	Evenly branched
(3)	Py	Prunus x yedoensis	Yoshino Cherry	6cm cal.	Matched/Evenly branched
SHRUBS					
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
(12)	Az	Azalea japonica 'Hino White'	Hino White Azalea	#2 pot/600mm O.C.	Full/matched
(88)	Sr	Sarcococca ruscifolia	Fragrant Sweet Box	#5 pot/600mm O.C.	Full/matched
GRASSES					
QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
(300)	Hs	Helictotrichon sempervirens	Blue Oat Grass	#1 POT	450MM O.C.
(140)	Je	Juncus effusus	Common Rush/Soft Rush	#1 POT	300MM O.C.

**PLANTING NOTES**

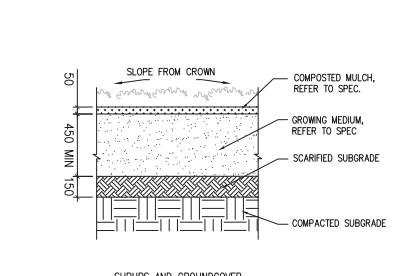
- EXISTING TREES ON KNOLL TO BE PROTECTED BY TREE PROTECTION FENCING PER UBC STANDARDS
- KNOLL TO BE RESOURED WITH ECOTURF PRODUCT AS APPROVED BY CONSULTANT
- PLANTERS ASSOCIATED WITH BIKE KITCHEN RAMP TO RECEIVE DRIP IRRIGATION
- ANY LAWN AREAS DISTURBED BY CONSTRUCTION ACTIVITIES TO BE RAKED AND RE-SEEDED POST CONSTRUCTION ACTIVITIES



**1 LAWN SECTION ON GRADE (TYP)**  
LG601 SCALE: 1:20



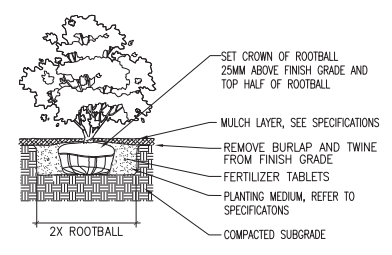
**2 LAWN SECTION ON SLAB (TYP)**  
LG601 SCALE: 1:20



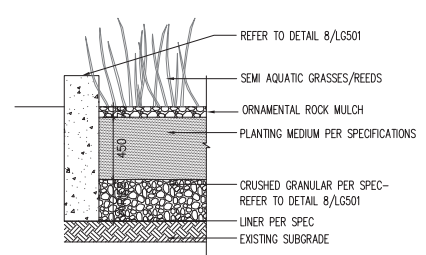
**3 SHRUB PLANTING ON GRADE (TYP)**  
LG601 SCALE: 1:20

**IRRIGATION SCHEDULE**

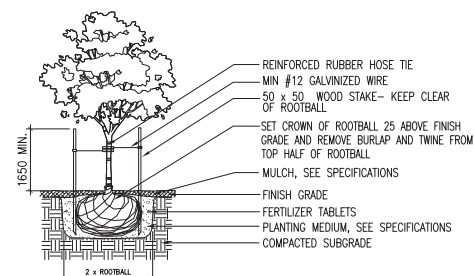
- MAIN CONNECTION [44.0 USGPM @60 PSI, 2" DOUBLE CHECK VALVE ASSEMBLY & RAINBIRD #3 QUICK COUPLER]
- TIME CLOCK [RAINBIRD ESP-SMT4]
- AUTO VALVE [RAINBIRD 150 PEB VALVE]
- RAINBIRD 1804-PRS SPRINKLER C/W U15' NOZZLE
- RAINBIRD 1804-PRS SPRINKLER C/W 15SST NOZZLE
- RAINBIRD 1804-PRS SPRINKLER C/W 15SST NOZZLE + 0.6 PCS
- RAINBIRD 1804-PRS SPRINKLER C/W 15RCS OR LCS NOZZLE
- DRIP IRRIGATION LINES \* 2" COPPER STUBOUT-REFER TO MECHANICAL



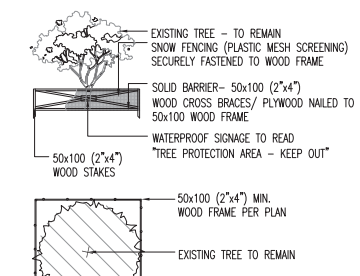
**4 SHRUB PLANTING (TYP)**  
LG601 SCALE: 1:20



**5 STORMWATER PLANTER SOIL PROFILE**  
LG601 SCALE: 1:20



**6 TREE PLANTING ON GRADE (TYP)**  
LG601 SCALE: 1:20



**7 TREE PROTECTION FENCE**  
LG601 SCALE: 1:20

**IRRIGATION NOTES**

- FLOW THRU ALL PIPING NOT TO EXCEED 5FT/SEC
- ALLOW FOR 25% OF RAINBIRD 1800 SPRINKLER TO BE 1800-SAM
- RUN 4 EXTRA CONTROL WIRES TO VALVE LOCATION FOR FUTURE EXPANSION
- ALL DRIP LINES TO BE PLACED 6" OFF HARD EDGE @ 15"-18" APART
- DRIP IRRIGATION TO RECEIVE A 7" WATER SUPPLY
- SLEEVE ANY IRRIGATION LINES UNDER PAVING

no	date	revision

PROJECT  
New SUB Project  
University of British Columbia  
Vancouver, B.C.

DRAWING  
Planting & Irrigation Plan

DIALOG  
Copyright reserved. This design and drawing is the exclusive property of DIALOG and cannot be used for any purpose without the written consent of the Architect.  
This drawing is not to be used for construction until issued for that purpose by the Architect.  
Prior to commencement of the work the contractor shall verify all dimensions, elevations and levels to identify any errors and omissions, and shall advise the Architect immediately in writing of any such errors and omissions. The contractor shall be responsible for the accuracy of the information provided to the Architect for the design of this drawing.

DRAWN DATE  
NST January, 2012  
SCALE REVIEWED  
AS NOTED RD  
10039(PFS) PROJECT NO