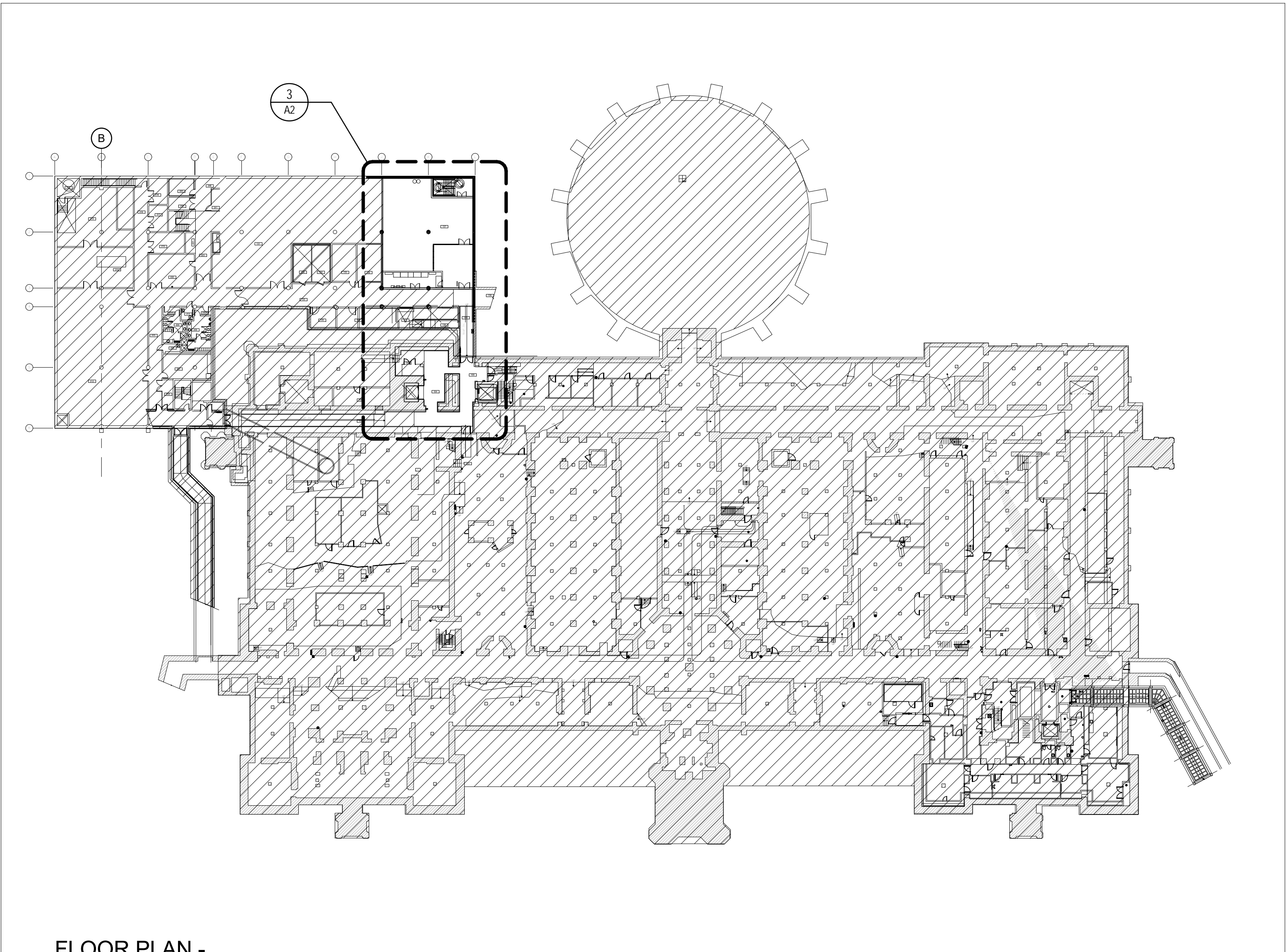


FLOOR PLAN - GROUND LEVEL
SCALE: 1 : 500



FLOOR PLAN - BASEMENT LEVEL
SCALE: 1 : 500

GENERAL NOTES

1. READ IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND DRAWINGS.
2. COVER & PROTECT EXISTING EQUIPMENT AND FINISHES TO REMAIN.
3. DATA CENTRE TO REMAIN OPERATIONAL THROUGH COURSE OF WORK.
4. ADVISE DEPARTMENTAL REPRESENTATIVE OF DISCREPANCIES WITH THE DIMENSIONED PLANS OR CONFLICTS WITH OTHER PARTS OF THE WORK, ADJUST LOCATIONS AS REQUIRED BASED ON REVIEW.
5. THE CONTRACTOR IS RESPONSIBLE TO COORDINATE THE EXTENT OF THIS WORK AND THAT IS REQUIRED TO ACCOMMODATE THE NEW CONSTRUCTION.
6. READ IN CONJUNCTION WITH THE SPECIFICATIONS AND ENGINEER'S DRAWINGS. REFER TO MECHANICAL AND ELECTRICAL FOR MORE INFORMATION.
7. REFER TO MECHANICAL AND ELECTRICAL DOCUMENTS FOR REQUIREMENTS FOR REMOVAL OF EXISTING EQUIPMENT, SERVICES, DEVICES, FIXTURES, ETC. PATCH REPAIR AND MAKE GOOD ALL WALLS, FLOORS AND CEILINGS DAMAGED FROM THE REMOVAL OF MECH AND ELEC ITEMS.
8. IMMEDIATELY REPORT ANY UNEXPECTED DISCOVERY OF MATERIAL THAT MAY CONTAIN ASBESTOS TO DEPARTMENTAL REPRESENTATIVE. STOP WORK IN THE AREA UNTIL DEPARTMENTAL REPRESENTATIVE AUTHORIZES CONTINUATION OF WORK. ALL CLEAN UP, REMOVAL AND DISPOSAL OF ASBESTOS SHALL STRICTLY CONFORM TO ONTARIO MINISTRY OF LABOUR REGULATION 654-95. REFER TO DESIGNATED SUBSTANCE SURVEY FOR REPORT AND REMOVAL PROCEDURE.
9. MINIMIZE, TO THE GREATEST EXTENT POSSIBLE, DAMAGE TO ADJACENT SURFACES DURING ALL PHASES OF WORK.
10. ALL CUTTING AND PATCHING WORK SHALL BE DONE IN A MANNER TO RECEIVE NEW WORK AND FINISHES.
11. PROTECT OWN WORK, THE WORK OF OTHERS, AND ADJACENT STRUCTURES FROM DAMAGE DURING DEMOLITION AND NEW WORK.
12. EXISTING MATERIALS THAT REMAIN THE PROPERTY OF THE DEPARTMENTAL REPRESENTATIVE AND THAT ARE TO BE REUSED IN THE WORK SHALL BE CAREFULLY REMOVED AND STORED BY THE CONTRACTOR AND PROTECTED IN AN APPROPRIATE MANNER.
13. PATCH AND REPAIR ALL FIREPROOFING DAMAGED OR REMOVED IN THE PERFORMANCE OF THE WORK. FIRE RESISTANCE RATING SHALL MATCH EXISTING.
14. NO CUTTING, CORING, DRILLING OR OTHERWISE TO COLUMNS, FLOORS, WALLS OR ROOF OF THE STRUCTURE WILL BE PERMITTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE DEPARTMENTAL REPRESENTATIVE AND MAY REQUIRE THE REVIEW OF THE BASE BUILDING STRUCTURAL ENGINEER. CUTTING AND CORING MAY NOT PROCEED WITHOUT CONCRETE SCANNING BY A QUALIFIED CONTRACTOR.
15. MAINTAIN OPERATIONS OF BUILDING SERVICES, DATA, TELEPHONE AND ALARM. ENSURE NO INTERRUPTIONS OF THESE SERVICES DURING EXECUTION OF THE WORK.
16. CONTRACTOR TO PATCH, REPAIR & MAKE GOOD ALL SURFACES DAMAGED DUE TO DEMOLITION WORK AND THOSE WITH EXISTING DAMAGES.
17. FIRESTOP ALL PENETRATIONS AT RATED PARTITIONS AND FLOOR SLABS PER APPLICABLE ULC ASSEMBLY. REFER TO ELECTRICAL FOR DETAILS OF NEW CONDUIT SIZES AND PROVIDE FIRESTOPPING TO 2HR RATING AT EXISTING WALLS.
18. ALL INTERIOR PARTITION PENETRATIONS OR OTHER OPENINGS IN THE BUILDING SHELL SHALL BE SEALED, GASKETED, OR WEATHER STRIPPED.
19. PATCH AND REPAIR EXISTING WALLS IN PREPARATION FOR NEW WALL FINISHES.
20. ALL PARTITIONS ARE DIMENSIONED FROM FACE OF FINISH TO FACE OF FINISH UNLESS OTHERWISE NOTED. ALL DIMENSIONS MARKED "CLEAR" OR "CLR" SHALL BE MAINTAINED AND SHALL ALLOW FOR THICKNESS OF ALL WALL FINISHES. DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE ACCURATELY MAINTAINED AND SHALL NOT VARY MORE THAN +/- 3mm WITHOUT WRITTEN CONSENT FROM THE ARCHITECT.
21. MAINTAIN DATA CENTRE CLEANLINESS TO ISO STANDARD 14644 (CLASS 8). PROVIDE PROTECTION AND CLEANING PLAN TO ACHIEVE STANDARD.
22. a) IT IS STRUCTURALLY ACCEPTABLE TO USE THE RAISED ACCESS FLOOR FOR MOVING THE AC UNITS INTO PLACE. 19 MM THICK PLYWOOD SHOULD BE PLACED ALONG THE PATH OF THE AC UNITS (1.22 M OR 4 FEET WIDE) IN ORDER TO PROTECT THE FLOORING AND DISTRIBUTE THE WEIGHT EVENLY. NUMEROUS ROLLERS (MOVING CARTS) SHOULD BE USED ALONG THE LENGTH OF THE UNITS IN ORDER TO DISTRIBUTE THE WEIGHT OF THE UNITS. RECOMMEND THAT MINIMUM OF 900MM X 900MM CARTS (5 ALONG THE LENGTH) BE USED FOR THE LARGER AC (65 TON) UNIT IN TIGHT CONTACT WITH ONE ANOTHER. THIS WILL ENSURE THE LOAD IS DISTRIBUTED EVENLY ALONG THE LENGTH OF THE UNIT OVER THE ACCESS FLOORING.
- b) THE EXISTING STEEL STRUCTURE IS ACCEPTABLE TO HOIST THE SMALLER UNITS UP TO THE MEZZANINE.

PLAN LEGEND

AREA NOT IN CONTRACT (N.I.C)

EXISTING PARTITION

EXISTING CONCRETE STRUCTURE

#

APPROXIMATE LOCATION OF EXISTING A/C UNIT TO BE REMOVED/NEW UNIT TO BE INSTALLED. REFER TO MECH & ELEC DRAWINGS FOR DETAILS. PATCH AND REPAIR ABANDONED SERVICE PENETRATIONS. FIRESTOP PENETRATIONS THROUGH FIRE SEPARATIONS. NOT SHOWN TO SCALE

EXTENT OF ACCESS FLOOR. PROTECT DURING CONSTRUCTION. COORDINATE EXTENT OF ACTUAL PROTECTION WITH SIZE OF UNITS AND ACCESS ROUTE TO FINAL LOCATION OF INSTALLED UNIT.

EXTENT OF DATA CENTRE TO BE MAINTAINED AT ISO STANDARD 14644 (CLASS 8)

PROPOSED ORDER OF A/C UNIT REPLACEMENT

THE DATA CENTRE IS TO BE OPERATIONAL THROUGHOUT COURSE OF WORK.

THE INTENT IS TO REPLACE AND COMMISSION EACH UNIT IN THE ORDER DESCRIBED BELOW.

CONTRACTOR TO ADVISE DEPARTMENTAL REPRESENTATIVE SHOULD THE ORDER DESCRIBED. NOT BE ACHIEVABLE OR IF A DIFFERENT ORDER IS ADVANTAGEOUS.

START OF A/C UNIT REPLACEMENT

STEP 1
AC UNIT #5 - ACCESS FROM BASEMENT LEVEL
1.i) Existing Unit #5 decommissioned and removed (refer to mechanical and electrical for details).
1.ii) New unit #5 installed. (refer to mechanical and electrical for details).
1. iii) New unit #5 commissioned and operation. (refer to mechanical and electrical for details).

STEP 2
AC UNIT #6 - ACCESS FROM BASEMENT LEVEL
2.i) Existing Unit #6 decommissioned and removed (refer to mechanical and electrical for details).
2.ii) New unit #6 Installed. (refer to mechanical and electrical for details).
2.iii) New unit #6 commissioned and operation. (refer to mechanical and electrical for details).

STEP 3
AC UNIT #1 AND AC UNIT #2 - PROPOSED ACCESS IS DOWN TO MEZZANINE FROM BASEMENT LEVEL @ STAIRS @ NORTH END OF MEZZANINE NEAR GRID LINE "2"
3.i) Existing Unit #1 and #2 decommissioned and removed (refer to mechanical and electrical for details).
3.ii) New Unit #1 and #2 Installed. (refer to mechanical and electrical for details).
3.iii) New Unit #1 and #2 commissioned and operational. (refer to mechanical and electrical for details).

STEP 4
AC UNIT #3 AC UNIT #4 - PROPOSED ACCESS IS FROM SUB-BASEMENT LEVEL @ SOUTH END OF ROOM NEAR GRID LINE 3.
3.i) Existing Unit #3 and #4 decommissioned and removed (refer to mechanical and electrical for details).
3.ii) New Unit #3 and #4 Installed. (refer to mechanical and electrical for details).
3.iii) New Unit #3 and #4 commissioned and operational. (refer to mechanical and electrical for details).

END OF A/C UNIT REPLACEMENT

HOK ARCHITECTS
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GOODKEY WEEDMARK
1688 Woodward Drive
Ottawa, ON, Canada K2C 3R8
www.gwl.com

This drawing shall not be used for construction purposes until the seal appearing hereon is signed and dated by the Architect or Engineer.



Contractor to verify all dimensions & conditions on site and immediately notify the Departmental Representative of all discrepancies.

1	Issued for 25% Review	2017/04/08
2	Issued for 50% Review	2017/04/28
3	Re-issued for 50% Review	2017/05/11
4	Issued for 90% Review	2017/06/13
5	Issued for Coordination	2017/07/10
6	Issued for Tender	2017/07/14
7	Issued for Tender	2017/07/28
8	Issued for Tender	2017/08/01

A detail no. no. du detail	A	A
B location drawing sur dessin no.	B	B
C drawing no. dessin no.	C	C

project projet

CBUS A/C UNIT & LEAK DETECTION SYSTEM REPLACEMENT

OTTAWA, ONTARIO

drawing dessin

SITE PLAN & BASEMENT PLAN

Designed By	CK	Conçu par
Date	2017/09/01	(yyyy/mm/dd)
Drawn By	CK	Dessiné par
Date	2017/09/01	(yyyy/mm/dd)
Reviewed By	JDS	Examiné par
Date	2017/09/01	(yyyy/mm/dd)
Approved By		Approuvé par
Date		(yyyy/mm/dd)
Tender		Soumission
Project Manager	Administrateur de projets	
Project no.	No. du projet	
	R.010219.020	
Drawing no.	No. du dessin	

A1