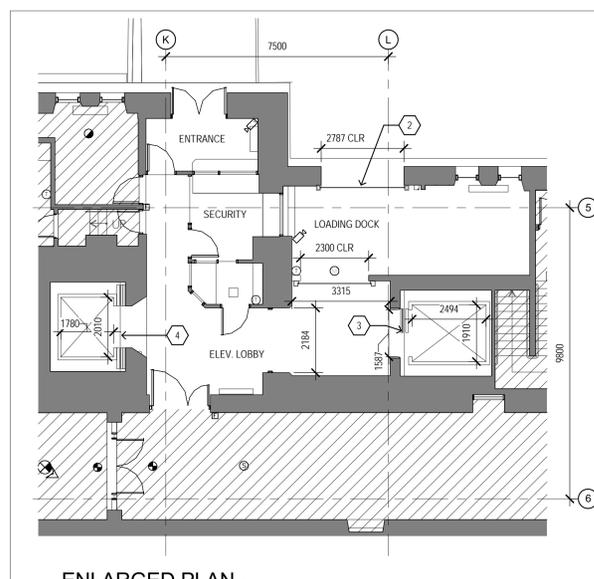
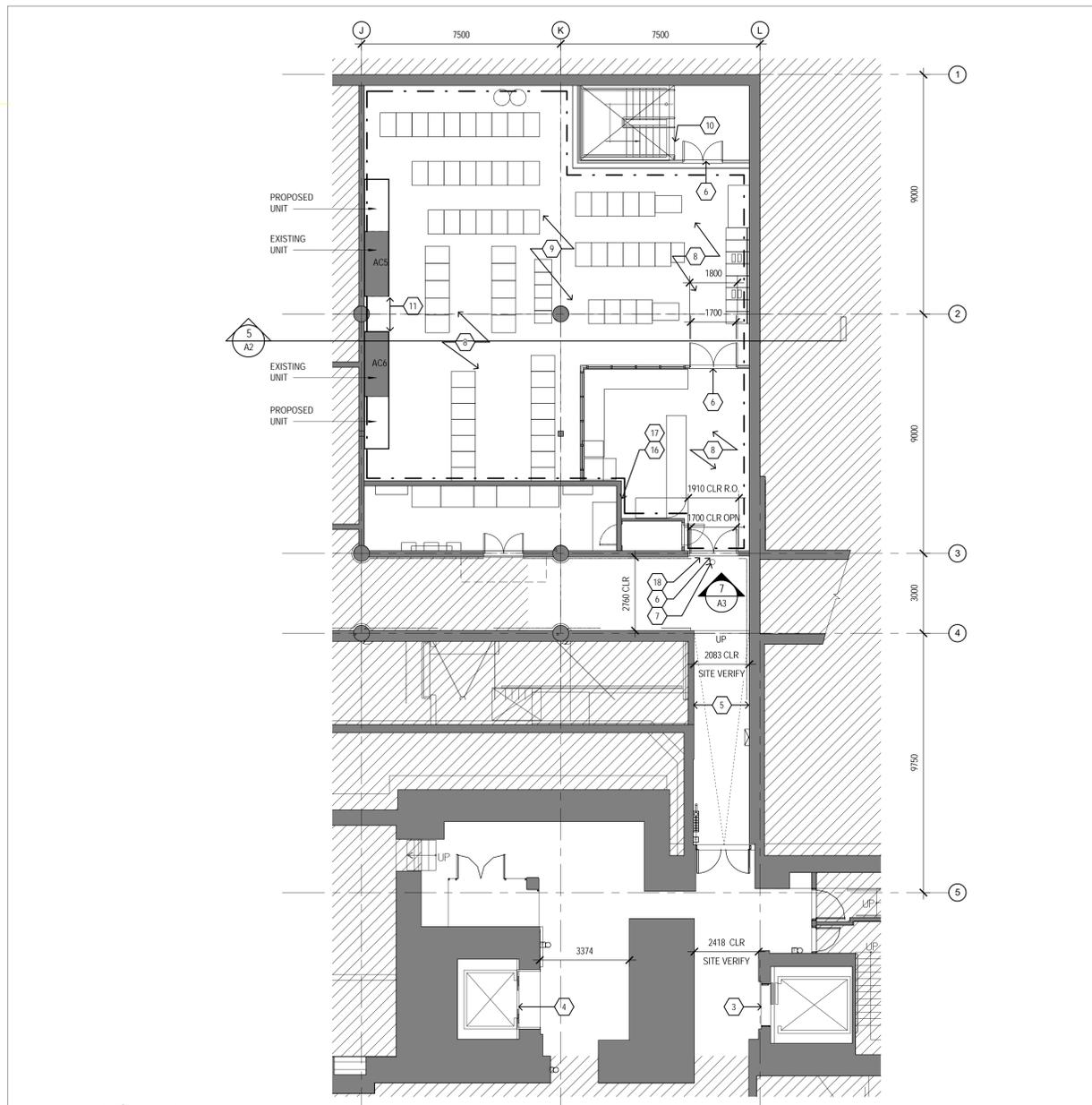


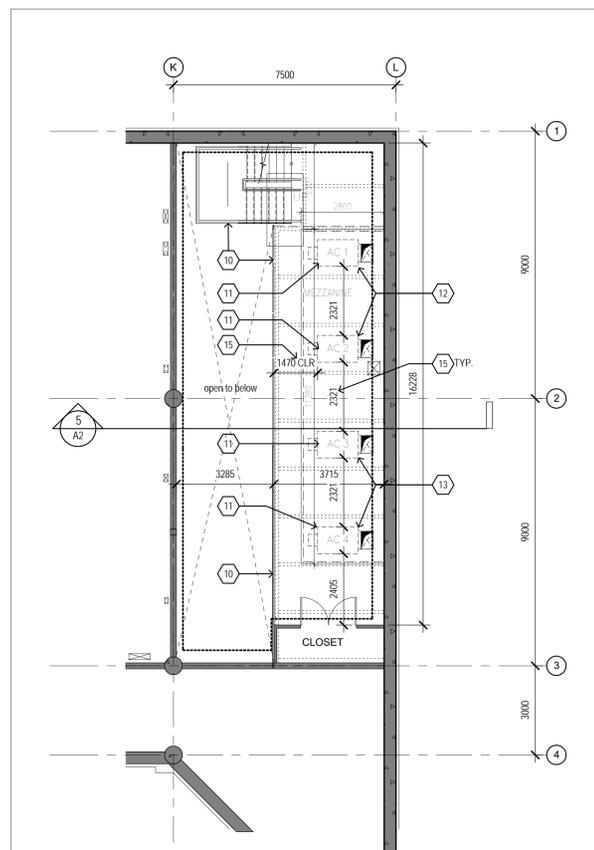
**5 Section**  
SCALE: 1 : 100



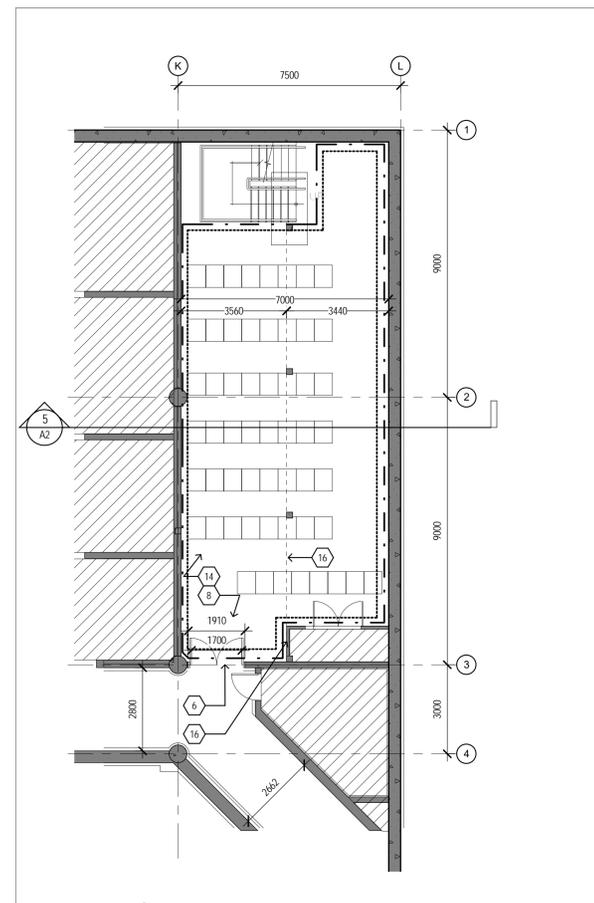
**4 ENLARGED PLAN - GROUND FLOOR**  
SCALE: 1 : 100



**3 ENLARGED PLAN - BASEMENT LEVEL**  
SCALE: 1 : 100



**2 ENLARGED PLAN - SUB-BASEMENT MEZZANINE**  
SCALE: 1 : 100



**1 ENLARGED PLAN - SUB-BASEMENT LEVEL**  
SCALE: 1 : 100

**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 654-85. 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 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 AND 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. 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 OF THE UNITS. 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 (35 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.
23. CONSTRUCTION GOODS MUST BE SCANNED AT DEPARTMENTAL REPRESENTATIVE'S FACILITY PRIOR TO DELIVERY OR USE ON SITE. REFER TO SPECIFICATION SECTION 01 35 16 FOR DETAILS.

**PLAN LEGEND**

- AREA NOT IN CONTRACT (N.I.C)
- EXISTING PARTITION
- EXISTING CONCRETE STRUCTURE
- APPROXIMATE LOCATION OF EXISTING AC 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)

**KEY NOTE LEGEND**

1. SITE ACCESS, PARKING AND LOADING. PARKING WILL NOT BE PROVIDED ON SITE. ACCESS TO LOADING DOCK WILL BE LIMITED TO 30 MINUTE PERIODS.
2. MATERIAL, EQUIPMENT AND PERSON ACCESS THROUGH EXISTING SECURE LOADING DOCK.
3. EXISTING FREIGHT ELEVATOR NO. 1 FOR ACCESS TO BASEMENT AND SUB-BASEMENT LEVELS. SITE VERIFY ELEVATOR CAB DIMENSIONS.
4. USE OF EXISTING FREIGHT ELEVATOR NO. 2 NOT PERMITTED.
5. EXISTING RAMP.
6. EXISTING DOOR. SITE VERIFY CLR WIDTH AND HEIGHT.
7. EXISTING BOLLARD. IF NECESSARY FOR EQUIPMENT AND MATERIAL DELIVERY. REMOVE, STORE AND PROTECT BOLLARD IN A SAFE AREA AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE.
8. PROTECT EXISTING ACCESS FLOORING DURING REMOVAL OF EXISTING AC UNITS AND INSTALLATION OF NEW AC UNITS. SEE GENERAL NOTE #22) FOR DETAILS OF PROTECTION REQUIREMENTS.
9. PROTECT EXISTING DATA RACKS DURING REMOVAL OF EXISTING AC UNITS AND INSTALLATION OF NEW AC UNITS IN ACCORDANCE WITH DATA CENTRE PROTECTION PLAN. DATA CENTRE CLEANLINESS TO ISO STANDARD 14644 (CLASS 8).
10. EXISTING PAINTED METAL HANDRAIL AND GUARD. IF NECESSARY FOR EQUIPMENT AND MATERIAL DELIVERY. REMOVE, STORE AND PROTECT EXISTING HANDRAIL IN A SAFE AREA AS DIRECTED BY DEPARTMENTAL REPRESENTATIVE. PROVIDE FALL PROTECTION STRATEGY AND/OR EQUIPMENT WHILE HANDRAIL/GUARD REMOVED.
11. APPROXIMATE LOCATION OF EXISTING AC UNIT TO BE REMOVED AND NEW REPLACEMENT AC UNIT TO BE INSTALLED. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR DETAILS.
  - i) PATCH AND REPAIR WATERPROOFING/TRAFFIC TOPPING AND CONTINUOUS FLOORING AT LOCATION OF REMOVED MECHANICAL, ELECTRICAL AND SUPPORT FRAMES. MATCH FINISH COLOUR TO EXISTING. REFER TO DETAILS ON SHEET A3 FOR CURBS, PENETRATIONS, AND ACCESS FLOORING PEDESTAL DETAILS.
  - ii) REMOVE, CUT AND/OR MOODY ACCESS FLOORING TILES TO SUIT EXTENT OF NEW UNITS. APPROXIMATELY SIXTEEN (16) 610x610 TILES IMPACTED BY NEW UNITS. REFER TO SHEET A3 FOR DETAILS.
  - iii) PATCH AND REPAIR FLUID - APPLIED WATERPROOFING TRAFFIC TOPPING. REFER TO SHEET A3 FOR DETAILS.
12. RECOMMENDED REPLACEMENT OF AC UNITS 1 AND 2 TO BE FROM EXISTING STAIRS LEADING UP TO BASEMENT LEVEL.
13. RECOMMENDED REPLACEMENT OF AC UNITS 3 AND 4 TO BE FROM SUB-BASEMENT LEVEL BELOW.
14. APPROXIMATE EXTENT OF STAGING/HOISTING AREA FOR LIFTS TO SUB-BASEMENT MEZZANINE ABOVE.
15. MAINTAIN EXISTING CLEARANCES FOR ACCESS AND MAINTENANCE OF NEW AND EXISTING EQUIPMENT. COORDINATE WITH NEW MECHANICAL EQUIPMENT SERVICING LOCATIONS AND REQUIREMENTS.
16. EXISTING LEAK DETECTION PANEL. REFER TO ELECTRICAL DRAWINGS FOR DETAIL OF REMOVAL. PATCH REPAIR EXISTING TO REMAIN AND MAKE GOOD TO ACCEPT NEW WORK.
17. NEW LEAK DETECTION SYSTEM PANEL BY ELECTRICAL. REFER TO ELECTRICAL FOR DETAILS.
18. 1000X500 OPENING IN EXISTING BLOCK WALL. REFER TO MECHANICAL FOR DETAILS.
  - CUT OPENING IN BLOCK WALL ABOVE DOOR AND CEILING TO ACCOMMODATE NEW MECHANICAL DUCTWORK AND DAMPERS. REFER TO ELEVATION AND SECTION ON SHEET A2. SITE VERIFY Lintel AND CEILING HEIGHT AND PROTECT BLOCK WALL DURING COURSE OF WORK. DOOR TO REMAIN ACCESSIBLE AND USEABLE DURING COURSE OF WORK. COORDINATE FIRE WATCH AS NEEDED. REFER TO DETAIL 7/A3.

**HOK ARCHITECTS**  
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www.hok.com

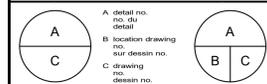
**GOODKEY WEEDMARK**  
1688 Woodward Drive  
Ottawa, ON, Canada K2C 3R8  
www.gwd.com

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    | 2017/04/06 |
| 2 | Issued for 50% Review    | 2017/04/26 |
| 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        | 2017/07/26 |
| 8 | Issued for Tender        | 2017/09/01 |



**CBUS A/C UNIT & LEAK DETECTION SYSTEM REPLACEMENT**

OTTAWA, ONTARIO

**ENLARGED PLANS AND SECTION**

|                 |                           |               |
|-----------------|---------------------------|---------------|
| 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          |                           | Submission    |
| Project Manager | Administrateur de projets |               |
| Project no.     | R.010219.020              | No. du projet |
| Drawing no.     | <b>A2</b>                 | No. du dessin |