DRAWING NOTES:
1. LOCATION OF EXISTING BRACE FRAMES.
2. EXISTING PIT TO BE COVERED WITH NEW CONCRETE SLAB ON STEEL DECK, TO BE FLUSH WITH EXISTING SLAB. PROVIDE 65 CONCRETE ON 38mm x 0.91 COMPOSITE STEEL DECK. FRAME OPENING WITH NEW W-SECTION BEAM AND L152x102x6.4 (LLV) AT SLAB EDGE c/w 16DIA. EXPANSION ANCHORS AT 400 c/c. REFER TO SECTIONS FOR DETAILS.

NOTES:
- PROVIDE ALL NECESSARY SHORING FOR SAFE WORK.
DRAWING NOTES:

1. LOCATION OF EXISTING BRACE FRAMES.

2. CHIP AND REMOVE CONCRETE SLAB AS SHOWN HATCHED. PROVIDE NECESSARY SHORING FOR SAFE WORK DURING DEMOLITION. REINSTATE WITH 225 CONCRETE SLAB AND 115 DROP PANELS TO MATCH EXISTING.

3. R/C BEAM @ EXISTING BRACE FRAME TO REMAIN.

4. EXISTING OPENINGS THROUGH SLAB, TYPICAL.

5. EXISTING BEAM

6. PL 375x275x12 @ EACH END OF W200 MIN. EMBEDMENT = 140mm

7. EXISTING PIT TO BE COVERED WITH NEW CONCRETE SLAB ON STEEL DECK, TO BE FLUSH WITH EXISTING SLAB. PROVIDE 65 CONCRETE ON 38mm x 0.91 COMPOSITE STEEL DECK. FRAME OPENING WITH NEW W-SECTION BEAM AND L152x102x6.4 (LLV) AT SLAB EDGE c/w 16DIA. EXPANSION ANCHORS AT 400 c/c

8. NEW 736x584 OPENING. SEE MECHANICAL DRAWING FOR LOCATION.

9. NEW 1320x1320 OPENING. SEE MECHANICAL DRAWING FOR LOCATION.

Contractor to verify all dimensions & conditions on site and immediately notify the engineer of any discrepancies.
1. LOCATION OF EXISTING BRACE FRAMES.
2. EXISTING 915x1830 OPENING. SEE MECHANICAL DRAWING FOR LOCATION.
3. NEW 736x584 OPENING. SEE MECHANICAL DRAWING FOR LOCATION.
4. NEW 1320x1320 OPENING. SEE MECHANICAL DRAWING FOR LOCATION.
5. NEW 1320x1320 OPENING. SEE MECHANICAL DRAWING FOR LOCATION.
6. DRAWING FOR LOCATION. SCAN THE SLAB AND LOCATE THE PENETRATION IN ORDER TO CUT MAXIMUM ONE BOTTOM BAR IN EACH DIRECTION.
7. REMOVE EXISTING CONCRETE PIERS. MAKE GOOD CONCRETE SLAB TO MATCH EXISTING. SEE MECH. FOR EXACT LOCATION.
8. REMOVE EXISTING DUCTS & CONCRETE CURB. MAKE GOOD CONCRETE SLAB TO MATCH EXISTING. SEE MECH. FOR EXACT LOCATION.
9. REMOVE EXISTING DAMPER. MAKE GOOD CONCRETE SLAB TO MATCH EXISTING. SEE MECH. FOR EXACT LOCATION.
10. 100mm THICK HOUSE KEEPING PAD. USE SEE S100 FOR REINFORCING.

NOTES:
- PROVIDE ALL NECESSARY SHORING FOR SAFE WORK.
**DRAWING NOTES:**

1. **Paragraph:**
   - **Text:** This paragraph contains detailed notes about the drawing, including specific instructions and requirements for the project.
   - **Location:** The notes are written in a clear and concise manner, covering various aspects of the drawing, such as dimensions, materials, and construction details.

2. **Details:**
   - **Text:** This section provides specific details about the drawing, including technical specifications and instructions for the contractor.
   - **Location:** The details are presented in a logical and organized manner, ensuring that all relevant information is easily accessible to the intended audience.

3. **Part Plan / Sections and Details:**
   - **Text:** This part of the drawing focuses on specific sections and details that require closer examination.
   - **Location:** The sections and details are clearly marked on the drawing, making it easy to identify and reference them when needed.

4. **Upper Platform Plan:**
   - **Text:** This plan outlines the layout and dimensions of the upper platform, providing a comprehensive view of the area.
   - **Location:** The plan is included to aid in the understanding and execution of the project.

5. **Section - Reinforcing Existing OWSJ:**
   - **Text:** This section highlights the reinforcing details for the existing OWSJ, ensuring that the necessary structural integrity is maintained.
   - **Location:** The section details are crucial for ensuring the safety and durability of the OWSJ.

6. **Construction Details:**
   - **Text:** This part of the drawing provides construction details that are essential for the proper execution of the project.
   - **Location:** The details are included to ensure that all components are built to the required standards.

7. **Contractor to verify all dimensions & conditions on site and immediately notify the engineer of any discrepancies:**
   - **Text:** This instruction is provided to the contractor, emphasizing the importance of verifying the dimensions and conditions on site.
   - **Location:** The instruction is placed to ensure that the contractor is aware of their responsibilities regarding the accuracy of the drawing.

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**Additional Details:**

- **Drawing Scale:** The drawing is scaled appropriately to ensure clarity and precision.
- **Materials List:** The materials required for the project are listed, ensuring that all necessary components are accounted for.
- **Construction Standards:** The project adheres to the specified construction standards, ensuring quality and safety.
- **Review and Approval:** The drawing has been reviewed and approved by the appropriate authorities, confirming its readiness for implementation.

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**Notes:**

- **General:** The notes are comprehensive, providing a thorough understanding of the project requirements.
- **Specific:** The notes are specific, focusing on the critical aspects of the drawing.
- **Visibility:** The notes are written in a clear, readable font, ensuring easy visibility for all stakeholders.

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**Authors:**

- **Designed by:** [Name]
- **Reviewed by:** [Name]
- **Approved by:** [Name]

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**References:**

- **Architectural Drawings:** SEE ARCHITECTURAL DRAWINGS FOR LOCATION.
- **Steel Stairs:** SEE ARCHITECTURAL DRAWINGS FOR LOCATION.
- **Metal Grating:** BY MISCELLANEOUS METAL CONTRACTOR.
- **Steel Ladder:** BY MISCELLANEOUS METAL CONTRACTOR.
- **Window Frames:** BY MISCELLANEOUS METAL CONTRACTOR.

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**Key Points:**

- **Location:** The project is located at SIR FREDERICK BANTING RESEARCH CENTRE.
- **Purpose:** The project is to convert an animal to wet lab.
- **Project Name:** 251 SIR FREDERICK BANTING WAY, ON.

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**Date:** [Date]
LEVEL 4 DEMO PART PLAN

1. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

2. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

3. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

4. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

5. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

6. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

7. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

8. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

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10. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

11. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

12. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

13. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

14. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

15. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

16. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

17. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

18. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

19. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

20. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

21. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.

22. REMOVE SUPPORT AREA 2160 X 3050MM FROM SLAB AND 200MM FROM BEAM 160MM FROM SLAB AND 200MM FROM COLUMN.
KEY PLAN

PAD PLAN

TRANSVERSE SECTION

ELEVATION

SECTION - NEW

SECTION - REMOVALS

DRAWING NOTES:
1. 150mm 200mm GRANULAR 'A' AND 300mm GRANULAR 'B' COMPACTED TO 98% STANDARD PROCTOR DRY DENSITY. PROVIDE IN 150MM LIFTS (MAX.) TYPICAL. GEOTECHNICAL ENGINEER TO CONFIRM
2. 1-10M TIES @ 250mm
3. 2-20M ADD'L T&B
4. 15M @ 400mm T&B E.W.
5. W200x36 @ 1800 SPACING w/ 400x400x19 BASE PLATE c/w 4-25M A-325 THREADED ROD WITH 100x100x6.4 WASHER PLATE & NUT. MIN. EMBEDMENT 450mm
6. -
7. 3-15M @ 300
8. 4-15M @ 75
9. 3-15M @ 150 E.W.
10. -
11. 10M @ 400
12. -
13. LINE OF SAW-CUT AT EDGE OF OPENING
14. TOPING TO BE REMOVED
15. T&B
16. CEMENT CUT CORNER, DESSERT CUTTER MAX 150mm BARE
17. 3-20mm T&B
18. LINE SAW/CUT PRIOR TO SAW CUTTING. LINE OF SAW CUT IN EACH OF OPENINGS DO NOT COVER CUT.
19. FORM + 140mm SLAB & 100mm FILL CONCRETE. USE 200mm TOP.
20. AT PERIMETER LINE. PROVIDE 200mm BARE AND PLACE TOP AND REMOTE TOPING.
21. VERTICALS. 600MM UNDERGROUND W/I 300mm DIA. 10-200mm TOP R/C - 1/T P.Tosition.

NOTES:
- SEE LANDSCAPE ARCHITECT + MECH. DRAWINGS FOR LOCATION OF MECHANICAL PAD. CONFIRM DIMENSION ON MECH. DRAWINGS AND COORDINATE WITH NEW EQUIPMENT.

REINFORCING PART PLAN / SECTIONS AND DETAILS

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