

2019-05-22

**REQUEST FOR QUOTATION
WIRELESS SITE SURVEY SERVICES
RFQ 28 (2019-05)**

Toronto Zoo requests quotations from professional, experienced and qualified Wireless Communications vendors (Wi-Fi), to complete a site-wide wireless survey. This survey is required to determine the location of all Wireless Access Points (AP) equipment based on the deployment of new Aruba/Cisco (or equivalent) 802.11ac Wave 2 MU-MIMO wireless network equipment

The work shall commence as soon as possible once the project is awarded and a Purchase Order has been issued.

The Quotation package includes Instructions, Diagrams of Site and all buildings, Terms & Conditions, Specifications, and Forms. Quoted prices shall remain in effect for a period of ninety (90) days from the Quotation due date.

Site Meeting: A site meeting will be held on **at Monday 2019-05-27 1100 hours (11:00 a.m.)** meeting at the Toronto Zoo, Administrative-Support Centre, 361A Old Finch Ave., Scarborough, Ontario.

Due Date: Your quotation must be completed, and received by the Supervisor, Purchasing & Supply, Toronto Zoo, Administrative-Support Centre, 361A Old Finch Ave., Scarborough, Ontario, M1B 5K7 by:

Thursday, 2019-06-06, 1200 hours (noon, local time)

The Board of Management of the Toronto Zoo reserves the right to reject any or all quotes or to accept any quote, should it deem such an action to be in its interests.

If you have any queries regarding this request for quote, please contact Peter Vasilopoulos, Supervisor of Purchasing & Supply, (416) 392-5916. If you have any technical queries regarding this request for quote, please contact Michael Squires, Computer Services & Telecom Manager at (416) 919-0874

Yours truly,

Taryne Haight
Manager, Financial Services

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INSTRUCTIONS

- 1.1 Ensure that you have received all 14 pages of the RFQ package.
- 1.2 Complete ALL FORMS in section 4.0 and return by due date and time received on or before, **Thursday, 2019-06-06, 1200 hours (noon, local time)** or your Quotation will not be considered. Include signed copies of any addenda with your proposal package.
- 1.3 Quotations must not be submitted by facsimile, email or any other electronic format.
- 1.4 All Prices submitted shall be quoted in Canadian currency, excluding HST, if applicable.
- 1.5 Toronto Zoo reserves the right to award in whole or in part on the basis of the bids received, Lump Sum Price or Breakdown Price.
- 1.6 All Prices submitted shall be quoted in Canadian currency.
- 1.7 Use the attached submission label, when you submit your response in a sealed envelope or package and deliver to the Toronto Zoo.
- 1.8 Quotation prices shall remain in effect for a period of ninety (90) days from the Quotation due date.
- 1.9 Include product information, samples, and pictures, as necessary.
- 1.10 Provide references of at least three (3) clients for whom your company has performed similar work. References must include photos of three (3) different installations, client company name, contact name, address and e-mail address.
- 1.11 If applicable, suggested alternative products are acceptable, however all such products must be quoted separately and should not replace the Toronto Zoo requested product, work or service.
- 1.12 It is the responsibility of the Bidder to understand all aspects of the RFQ and to obtain clarification if necessary before submitting their quotation.
- 1.13 For any questions concerning the contract terms and conditions of this RFQ, please contact:
Peter Vasilopoulos, Supervisor, Purchasing & Supply, Tel: 416-392-5916, Fax: 416-392-6711, e-mail: pvasilopoulos@torontozoo.ca

For any technical queries concerning the specifications of this RFQ, please contact:
Michael Squires, Computer Services & Telecom Manager at (416) 919-0874

2.0 PROJECT REQUIREMENTS

Toronto Zoo requests quotations from professional, experienced and qualified Wireless Communications vendors (Wi-Fi), of completing site-wide wireless survey. This survey is required to determine the location of all Wireless Access Points (AP) equipment based on the deployment of new Aruba/Cisco (or equivalent) 802.11ac Wave 2 MU-MIMO wireless network equipment. The Zoo consists of over 600 acres of building and outdoor spaces that will require full Wi-Fi coverage.

2.1 SCOPE OF WORK

The Vendor must perform wireless predictive site surveys that at a minimum achieve the following requirements:

- Achieve the best possible Wireless Local Area Network (WLAN) performance for the customers/employee intended use;
- Minimize co-channel interference;
- Determine the quantity and best locations for access points;
- Document installation characteristics;
- Ensure redundant coverage to support seamless roaming; and
- Provide all wireless predictive site survey deliverables.

At a minimum, the Vendor shall provide to the Zoo the following Deliverables upon completion of a predictive wireless site survey will include the following:

- Executive Summary – Overview of the study;
- Study Methodology – Describe how the study was performed and detailed project plan;
- Customer Expected Use Cases;
- Review of currently deployed wireless networks;
- Provide Structural Material Analysis – Installation considerations;
- Provide Analysis of Existing Infrastructure – Physical and logical interface design considerations;
- Provide site map with coverage area, all access point placements and antenna types; and
- Provide an interference map.

Provide a detailed listing of experience and three (3) projects of a similar size and scope of wireless site survey completed in the past five (5) years.

Wireless site survey must be completed by 2019-07-31

2.2 CONTRACTOR RESPONSIBILITIES

1. Regular meetings/communication with the Toronto Zoo Computer and Telecom Services team to review project status and to discuss issues that may arise during the project.
2. Provide samples, mock ups, etc. as required.
3. Provide product information, SDS sheets and colour samples to the Project Team prior to start of the work where applicable.
4. Protect adjacent areas not included in the project. Any damage caused will be the responsibility of the contractor to rectify at no additional cost to the Zoo.

5. Protect adjacent exhibits and holdings.
6. Clean-up the work area daily and making good any damage caused as a result of the work.
7. Secure the work site and provide construction signs and barriers to prevent injury to Zoo personnel and the public.
8. Upon award of contract, Contractor is to finish all work, including clean up and demobilization by the completion date specified.
9. Submit close out documents as requested. Include warranties and "As built" drawings.

2.3 SAFETY SPECIFICATIONS

1. It is the responsibility of the Contractor to protect the site as required during construction.
2. Ensure that awareness of public safety is considered and protect visitors in the vicinity during the construction period.
3. All necessary personal protective equipment must be worn at all times and SDS sheets must be available on site as required.
4. The contractor is to abide by applicable Toronto Zoo Health & Safety Policies,
 - a. SAFE-002 Health & Safety Hazard Reporting
 - b. SAFE-017 Contractors Safety
 - c. SAFE-018 Vehicles on Site
 - d. SAFE-007 Working in Confined Space
 - e. SAFE-025 Hot Work
 - f. SAFE-013 Equipment Lockout/Tagout

the Ontario Health and Safety Acts, the Ontario Building Code and all other applicable codes including the Fire Codes.

5. The contractor is to abide by the Toronto Zoo's Commitment to the City of Toronto's Corporate Smog Alert Response Plan
6. It is the responsibility of the Contractor to ensure that the work site is properly protected at all times. All work sites must be marked and barriered adequately with construction signs posted to secure and isolate the work site from the public or other personnel that have access to the area.

2.4 OTHER INFORMATION

The successful bidder must demonstrate the ability to complete the work to standards acceptable to the Zoo and prove past performance in the completion of similar types of work for other clients by providing relevant examples of work and references. The successful bidder must also demonstrate and guarantee that they can produce the work in the allotted time.

3.0 TERMS AND CONDITIONS

- 3.1 **Definitions:** Wherever used in the Request for Quotation the word “**Board**” means the Board of Management of the Toronto Zoo and the word “**Vendor**” means the person or persons or Corporation to whom the purchase order is issued.
- 3.2 **Vendor Assurance:** Unless otherwise stated, the goods, material, articles, equipment, work or services, specified or called for in or under this Quotation, shall be delivered or completely performed, as the case may be, by the Vendor as soon as possible and in any event within the period set out herein as the guaranteed period of delivery or completion.
- 3.3 **Country of Origin:** Wherever possible, the goods, services, materials, articles or equipment, specified or called for in or under this Quotation, shall be of Canadian origin and manufacture.
- 3.4 **Delivery:** The prices stated in this Quotation cover the services, material, articles or equipment referred to herein, being delivered F.O.B. destination, freight, express, duty and all other charges prepaid, unless otherwise indicated herein. A detailed delivery ticket or piece tally, showing the exact quantity of goods, material, articles or equipment shall accompany each delivery. A receiver’s receipt shall not bind the Board to accept the goods, material, articles or equipment covered thereby, or the particulars of the delivery ticket or piece tally therefore. The Vendor shall not be entitled to any interest upon any bill due to delay in its approval by the CEO of the Toronto Zoo or his designate.
- 3.5 **Invoicing:** Unless otherwise indicated herein, the prices stated are payable in Canadian Funds at the head office of the Board. Any Goods and Services Tax applicable shall be shown as a separate item. The Vendor’s GST registration number must be indicated on the invoice.

The Vendor shall clearly show any special charges such as packaging and freight, where applicable, as separate items on the invoice.

Payments to non-resident Vendors may be subject to withholding taxes under the Income Tax Act (Canada). Unless a non-resident Vendor provides the Board with a letter from Revenue Canada, Taxation waiving the withholding requirements, the Board will withhold the taxes it determines are required under the Income Tax Act (Canada).

- 3.6 **Notice of Delivery:** The Vendor shall notify the Purchasing Agent of the Board at the address given for the mailing of invoices, in writing as soon as possible of the details of the shipment of the goods, materials, articles or equipment.
- 3.7 **Right to Cancel:** The Board shall have the right to cancel at any time this Quotation or any contract or any part of any contract resulting from this Quotation in respect of the goods, material, articles, equipment, work or services set out in this Quotation or any such contract or part of such contract, not delivered or performed at the time of such cancellation, and the Board will not be responsible to make any payments in respect of any such goods, materials, articles, equipment, work or services and shall not incur any liability whatsoever in respect thereto.

In the event that the Vendor fails or neglects by any act or omission to comply with any of the conditions set out herein, this Quotation or any contract resulting from this Quotation may be unconditionally cancelled by the Board without notice to the Vendor.

- 3.8 **Official Agreement:** No verbal arrangement or agreement, relating to the goods, material, articles, equipment, work or services, specified or called for under this Quotation, will be considered binding, and every notice advice or other communication pertaining thereto, must be in writing and signed by a duly authorized person.
- 3.9 **Worker's Rights:** The Vendor shall comply with the conditions of the Board relating to Worker's Rights, a copy of which is available on application to the Manager, Fair Wage and Labour Trades Office, City of Toronto, 18th Floor, West Tower, City Hall, Toronto, Ontario, M5H 2N2 or by phone at 416-392-7300.
- 3.10 **Insurance:** The Contractor shall, at his/her own expense obtain and, until the work is fully complete maintain, broad-scope insurance coverages, hereof, satisfactory to the Chief Executive Officer as to form and substance, with the indicated policy form of the Canadian Construction Documents Committee (CCDC), its equivalent or better subject to such modifications therein to cover unusual aspects of the work, working conditions or other circumstances as may be specified elsewhere in the Contract.
- 3.10.1** The Contractor shall effect, maintain and keep in force, at its sole cost and expense and satisfactory to the Chief Executive Officer as to form and substance the insurance described below:
- 3.10.2 All risks property insurance on property of every description and kind owned by the contractor or for which the Contractor is responsible while on the premises of the Board in an amount not less than full replacement value. The policy shall be endorsed to provide a waiver of subrogation against the Board for any loss or damage to insured property, however caused.
- 3.10.3 Commercial general liability insurance, including owners' and contractors' protective, products, completed operations, personal injury, employer's liability, contractual liability, occurrence basis property damage, liability arising from the sale of serving of alcoholic beverages and provisions for cross liability and severability of interests with a limit of not less than Five (5) Million Dollars (\$5,000,000.00) per occurrence. The policy shall be endorsed to name the Board as an additional insured with respect to the operations of the Contractor under this agreement.
- 3.10.4 Standard automobile liability insurance for all owned vehicles with limits of not less than Two Million Dollars (\$2,000,000.00) per occurrence.
- 3.10.4.1 All policies of insurance required to be taken out by the Contractor shall be placed with insurers licensed to conduct business in the Province of Ontario and shall be subject to the approval of the Chief Executive Officer, acting reasonably.
- 3.10.4.2 The Contractor shall deliver to the Board evidence of the insurance required prior to the commencement of the agreement, in form and detail satisfactory to the Chief Executive Officer acting reasonably.
- 3.10.4.3 The provisions of this section 2.11 shall no way limit the requirements and obligations imposed on the Contractor elsewhere in the Contract, nor relieve the Contractor from compliance therewith and fulfillment thereof.

- 3.10.4.4 The parties agree that insurance policies may be subject to deductible amounts, which deductible amounts shall be borne by the Contractor.
- 3.10.4.5 The provisions of this article shall in no way limit the requirements and obligations imposed on the Contractor elsewhere in the Contract, nor relieve the Contractor from compliance therewith and fulfillment thereof.
- 3.11 **Indemnity:** The Vendor shall at all times well and truly save, defend, keep harmless and fully indemnify the Board, the City of Toronto, Toronto Region and Conservation Authority and their servants, employees, officers or agents, hereinafter called the "Indemnities", from and against all actions, suits, claims, demands, losses, costs, charges, damages, and expenses, brought or made against or incurred by the Indemnities, its or their servants, officers, employees, agents or invitees in any way relating, directly or indirectly, to goods, material, articles or equipment supplied or to be supplied, or to the supplying of goods or services, pursuant to this Quotation, or any other claim, action, suit, demand, loss, cost, charge, damage or expense relating to copyright, trademark or patent with regard directly or indirectly with any such goods, services, material, articles or equipment or the supply or performance thereof.
- 3.12 **Liability for Acts of Vendor Employees, Contractors or Agents:** The Vendor acknowledges responsibility and accepts liability for the acts of any of its employees, contractors and agents while on Toronto Zoo property. The Toronto Zoo reserves the right to request background checks for any individual providing the services requested on behalf of the Vendor.
- 3.13 **Guaranty of Quotation:** All goods, material, articles, equipment, work or services, specified or called for in or under this Quotation, shall be supplied or performed at the price or process and on the basis set forth or referred to in and in accordance with the Offer and this Quotation. The basis on which this Quotation is given shall include any specifications, plans, price schedules, samples, addenda or other details pertaining thereto, or provided in connection therewith.
- 3.14 **Right of Notice:** Any notice that the Board may be required or desire to give to the Vendor shall for all purposes to be deemed to have been sufficiently and properly given and afforded by registered mail addressed to the Vendor at the address shown for the Vendor on this form and shall therefore be presumed to have been received by the Vendor on the third day following such registration.
- 3.15 **Formal Contract:** The Vendor may be required and shall, if requested by the solicitor for the Board so to do, to execute and enter into a formal contract that is satisfactory to the solicitor for the Board, in order to document the contract resulting from this Quotation and to embody indemnity and related provisions that in the opinion of such solicitor are required to protect the Board.
- 3.16 **Charity Status:** The Toronto Zoo is a registered charitable organization (registration #BN 119216398RR0001) and accordingly may be eligible for preferred pricing which should be reflected in the Quotation as submitted.
- 3.17 **Education Institute Status:** The Toronto Zoo is a registered educational institute and accordingly may be eligible for preferred pricing which should be reflected in the Tender as submitted.

3.18 **Performance Evaluation:** The Contractor's performance will be evaluated by the Chief Executive Officer and/or Chief Executive Officer's Representative during the Contract and at the end of the Contract. In the event that the Contractor's performance is considered unsatisfactory by the Chief Executive Officer and/or Chief Executive Officer's Representative, the Contractor and/or its affiliates may become ineligible from bidding on future contracts issued by the Board.

3.19 **Governing Law**

This RFQ and any Quotation submitted in response to it and the process contemplated by this RFQ including any ensuing Agreement shall be governed by the laws of the Province of Ontario. Any dispute arising out of this RFQ or this RFQ process will be determined by a court of competent jurisdiction in the Province of Ontario

4.0 SUBMISSION FORMS:

I/We, hereby, submit the Quotation and will comply with all terms, conditions, specifications and drawings (when provided) as set out within the Board’s Quotation.

I/We, hereby, have received, allowed for and included as part of our submission all issued Addendum numbered _____.

This form must be completed, properly signed and received on or before the date and time specified or your Quotation will not be considered. Quotation prices shall remain in effect for a period of ninety (90) days from the Quotation due date.

The Board of Management of the Toronto Zoo reserves the right to reject any or all Quotations or to accept any Quotation, should it deem such action to be in its interests.

By signing and submitting this FORM, you are agreeing to the release of your quotation information, as deemed necessary by the Board, in order to conduct business associated with this quotation or project.

COMPANY INFORMATION	
Company Name:	
Name of authorized Signing Officer	Title:
Signature of authorized Signing Officer:	Date:
Contact Name:	Title:
Address:	
Telephone #:	Fax #:
Email:	Web Site:
HST #:	

4.1 QUOTATION PRICING

DESCRIPTION	Price complete , HST extra
To provide all labour, material, and equipment necessary to complete the site survey all in accordance to this RFQ.	\$

COMMITMENT TO COMPLETE WORK	Confirm (Yes/No)
Please confirm ability to complete the site survey by 2019-07-31 following issuance of PO	

WARRANTY	Specify
Please confirm one (1) year warranty upon completion of the project.	

DISCOUNT	Discount	Days
Discount allowed for prompt payment and period within which invoice must be paid to qualify.	%	

SUBMISSION LABEL

This address label should be printed and affixed to the front of your sealed tender, quotation and proposal envelope/package submission. Toronto Zoo will not be held responsible for envelopes and packages that are not properly labelled or submitted to an address other than the one listed on this label.

Vendor Name _____

RFQ 28 (2019-05) – WIRELESS SITE SURVEY SERVICES

Closing: Thursday, 2018-06-06, 1200 hours (noon, local time)

TO BE RETURNED TO

**TORONTO ZOO
C/O SUPERVISOR, PURCHASING & SUPPLY
ADMINISTRATIVE SUPPORT CENTRE
361A OLD FINCH AVE.
SCARBOROUGH, ONTARIO
M1B 5K7**

NOTICE OF NO BID

INSTRUCTIONS:

It is important to the Toronto Zoo to receive a reply from all invited bidders. If you are unable, or do not wish to submit a bid, please complete the following portions of this form. State your reason for not bidding by checking the applicable box(es) or by explaining briefly in the space provided. It is not necessary to return any other Request for Proposal/Quotation/Tender documents or forms. Please just return this completed form by fax TO 416 392-6711 or by mail purchasing@torontozoo.ca prior to the official closing date.

A Proposal/Quotation/Tender is not submitted for the following reason(s):	
<input type="checkbox"/> Project/quantity too large.	<input type="checkbox"/> Project/quantity too small.
<input type="checkbox"/> We do not offer services or commodities to these requirements	<input type="checkbox"/> Cannot meet delivery or completion requirement
<input type="checkbox"/> We do not offer this service or commodity.	<input type="checkbox"/> Agreements with other company do not permit us to sell directly.
<input type="checkbox"/> Cannot handle due to present commitments.	<input type="checkbox"/> Licensing restrictions
<input type="checkbox"/> Unable to bid competitively.	<input type="checkbox"/> We do not wish to bid on this service or commodity in the future.
<input type="checkbox"/> Insufficient information to prepare quote/proposal/tender	<input type="checkbox"/> Specifications are not sufficiently defined
<input type="checkbox"/> We are unable to meet bonding or insurance requirements.	

Other reasons or additional comments (please explain):

Company Name:	
Address	
Contact Person:	
Signature of Company Representative:	
Date:	
Phone Number:	
Email address	
Fax Number:	

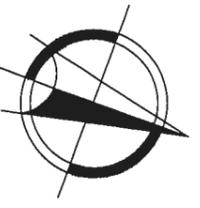
APPENDIX A – LIST OF SUB-CONTRACTOR

The Bidder proposes to sublet the following portions of the Work to the persons firms or corporations indicated. The Bidder (contractor) is responsible for all pricing with all subcontractors.

The Bidder submits that in proposing the under mentioned subcontractors, the Bidder has consulted each and have ascertained to our completed satisfaction that those names are fully acquainted with the extent and nature of the work and that they will execute their work with the requirements of the contract documents.

Work or services to be provided	Name and address of sub-contractor or person	Telephone

Name of Bidder:	
------------------------	--



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ZOO COMPLEX S.I.C.

ADMINISTRATIVE SUPPORT
CENTRE - PENTHOUSE

LAST UPDATED: 2009-02-01

SCALE: 1:100

DRAWING #

AD3000



toronto
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ZOO COMPLEX S.I.C.

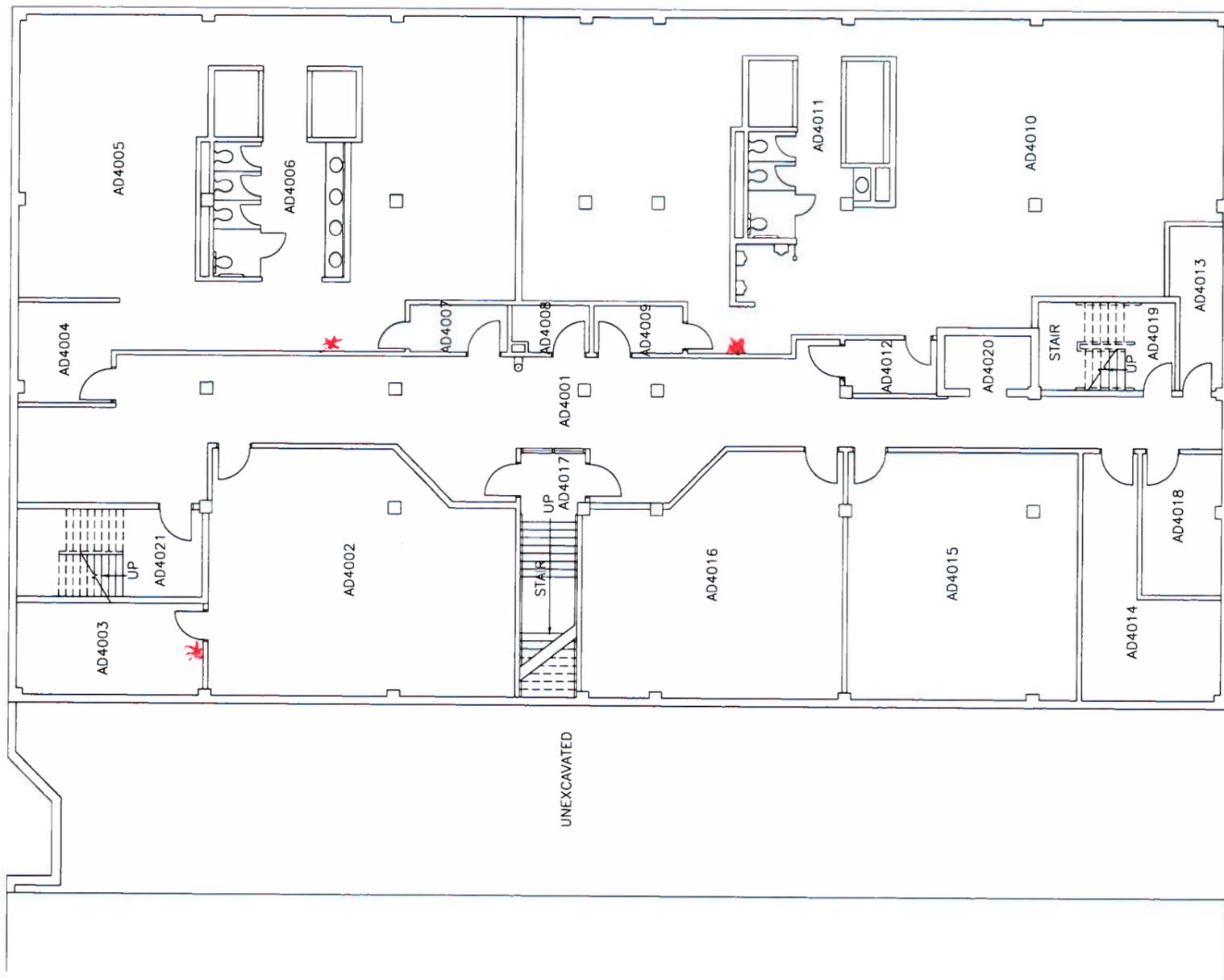
ADMINISTRATIVE SUPPORT
CENTRE - BASEMENT

LAST UPDATED: 2009-02-01

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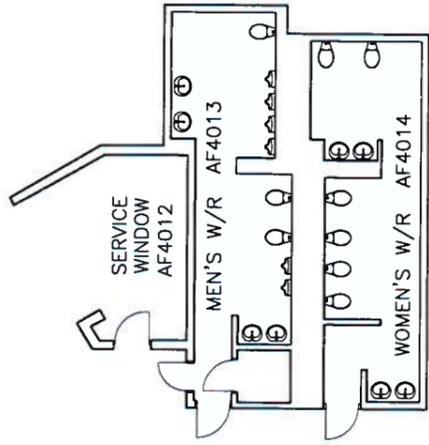
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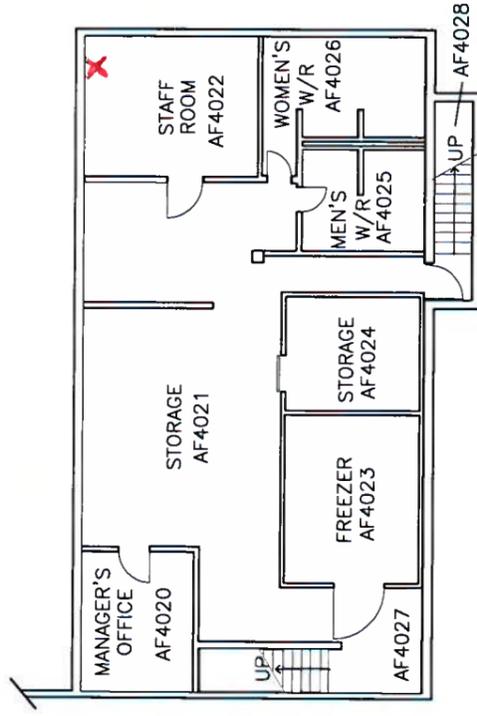




GROUND FLOOR



OVERHANG



BASEMENT



ZOO COMPLEX S.I.C.

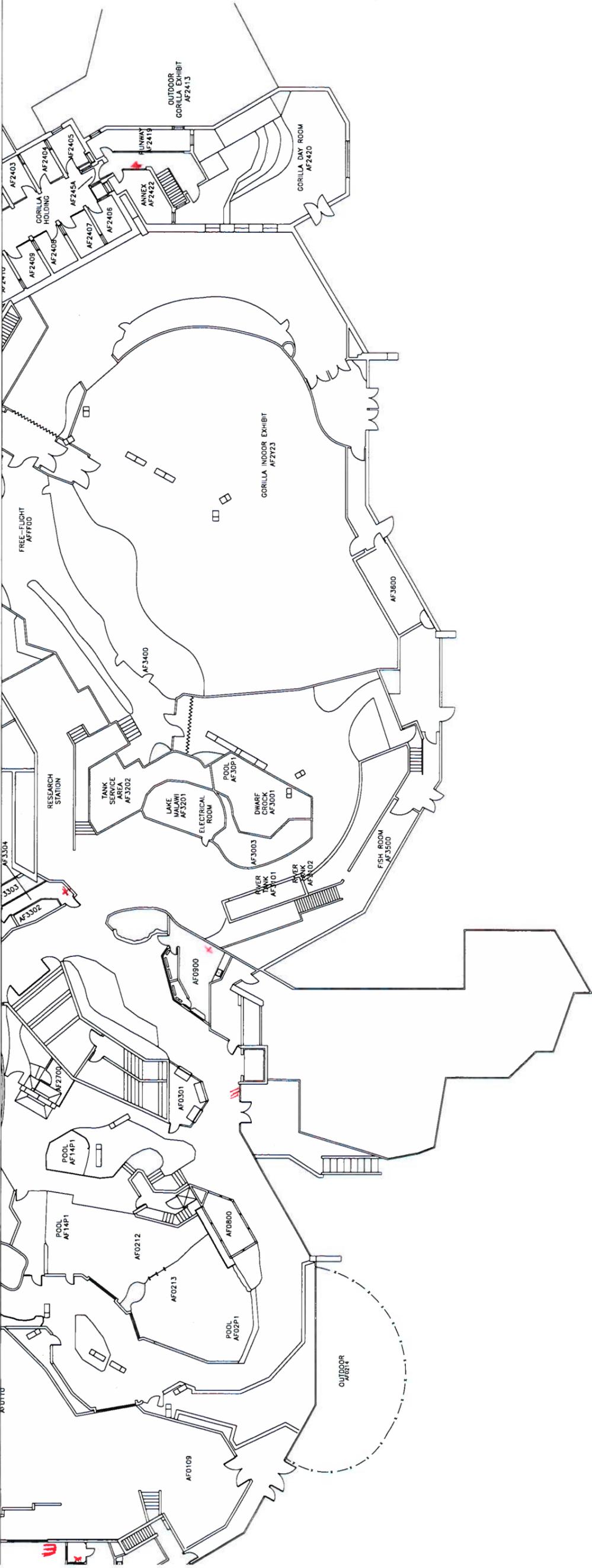
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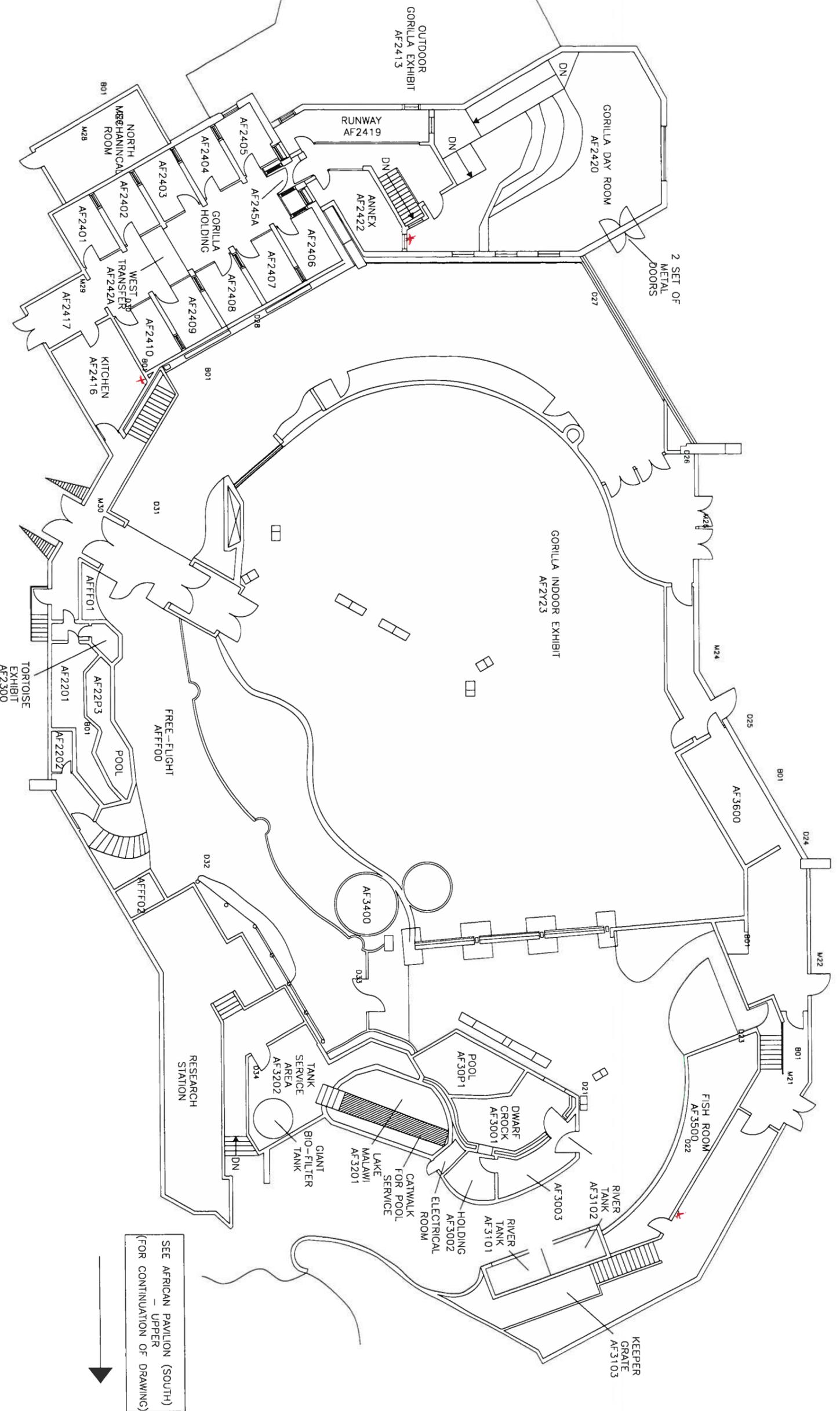


toronto
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ZOO COMPLEX S.I.C.
AFRICAN RAINFOREST
PAVILION

LAST UPDATED: 2014-06-20
SCALE: NTS
DRAWING #

AF0000



SEE AFRICAN PAVILION (SOUTH)
 - UPPER
 (FOR CONTINUATION OF DRAWING)



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AFRICAN PAVILION (NORTH)
 SECOND FLOOR

LAST UPDATED: 2009-02-01

SCALE: NTS

DRAWING #

AF0000



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ZOO COMPLEX S.I.C.

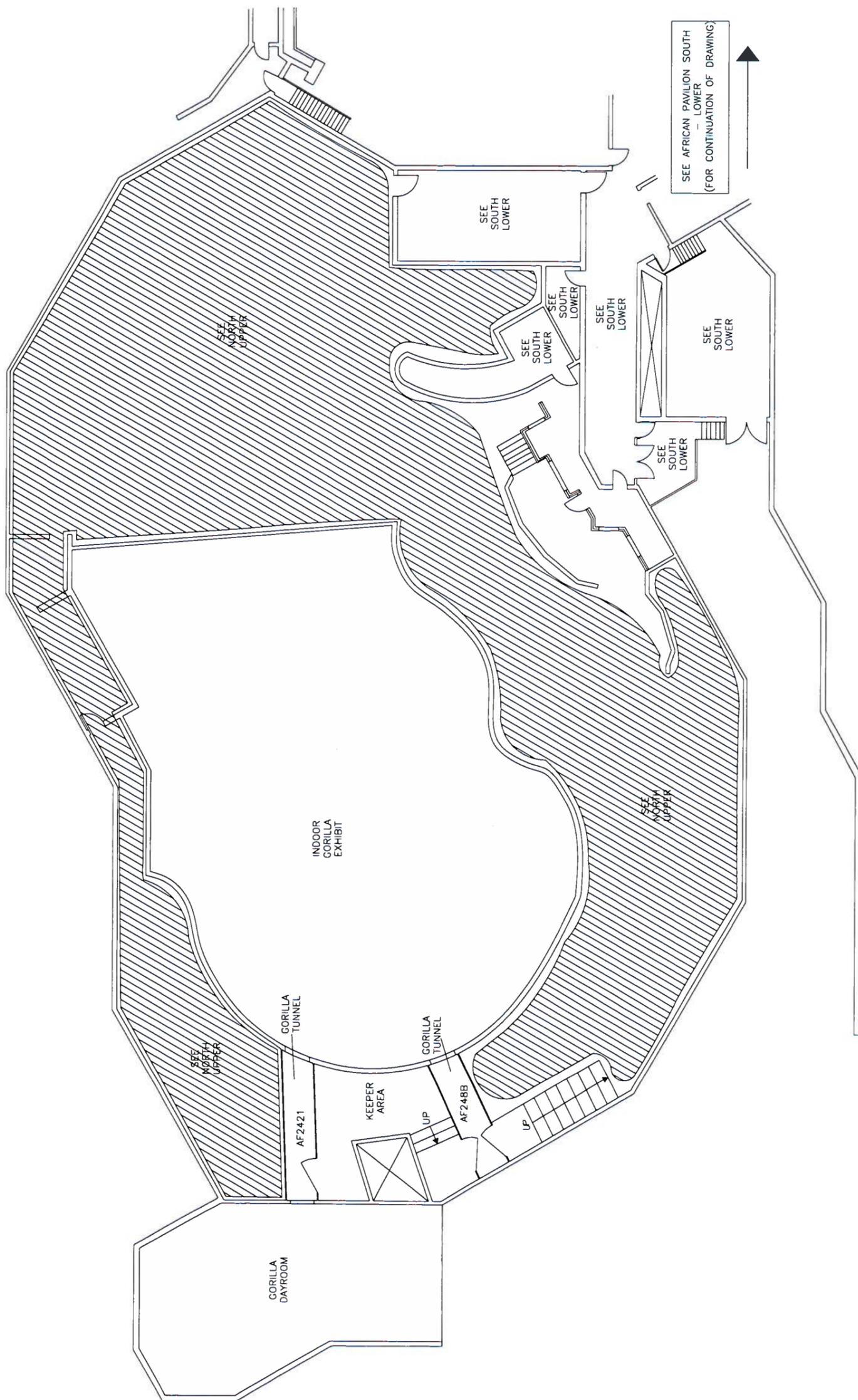
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- FIRST FLOOR

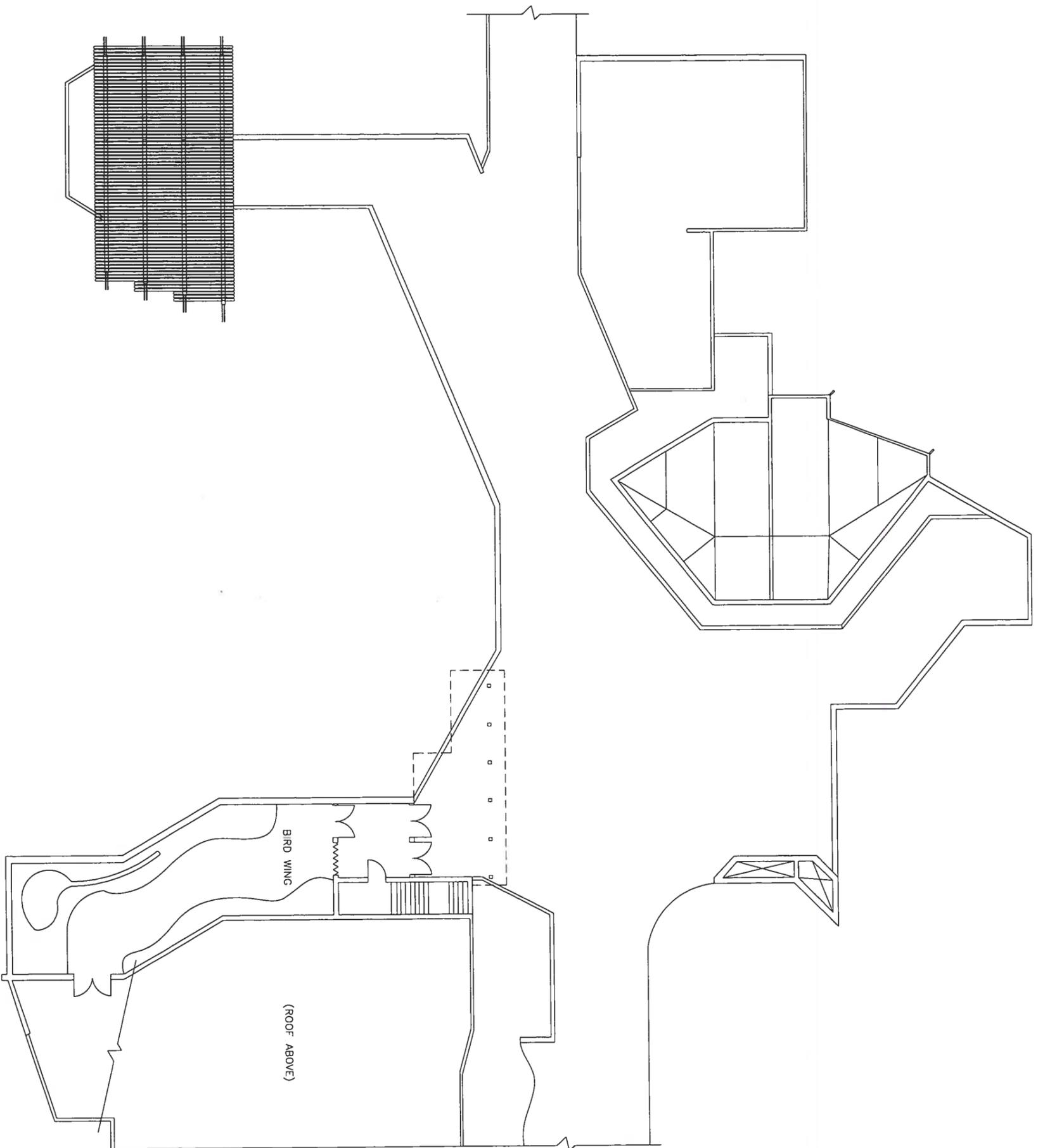
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ZOO COMPLEX S.I.C.

AMERICAS PAVILION -
SECOND FLOOR AND ROOF

LAST UPDATED: 2014-01-17

SCALE: NTS

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AM0000



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AMERICAS PAVILION -
FIRST FLOOR

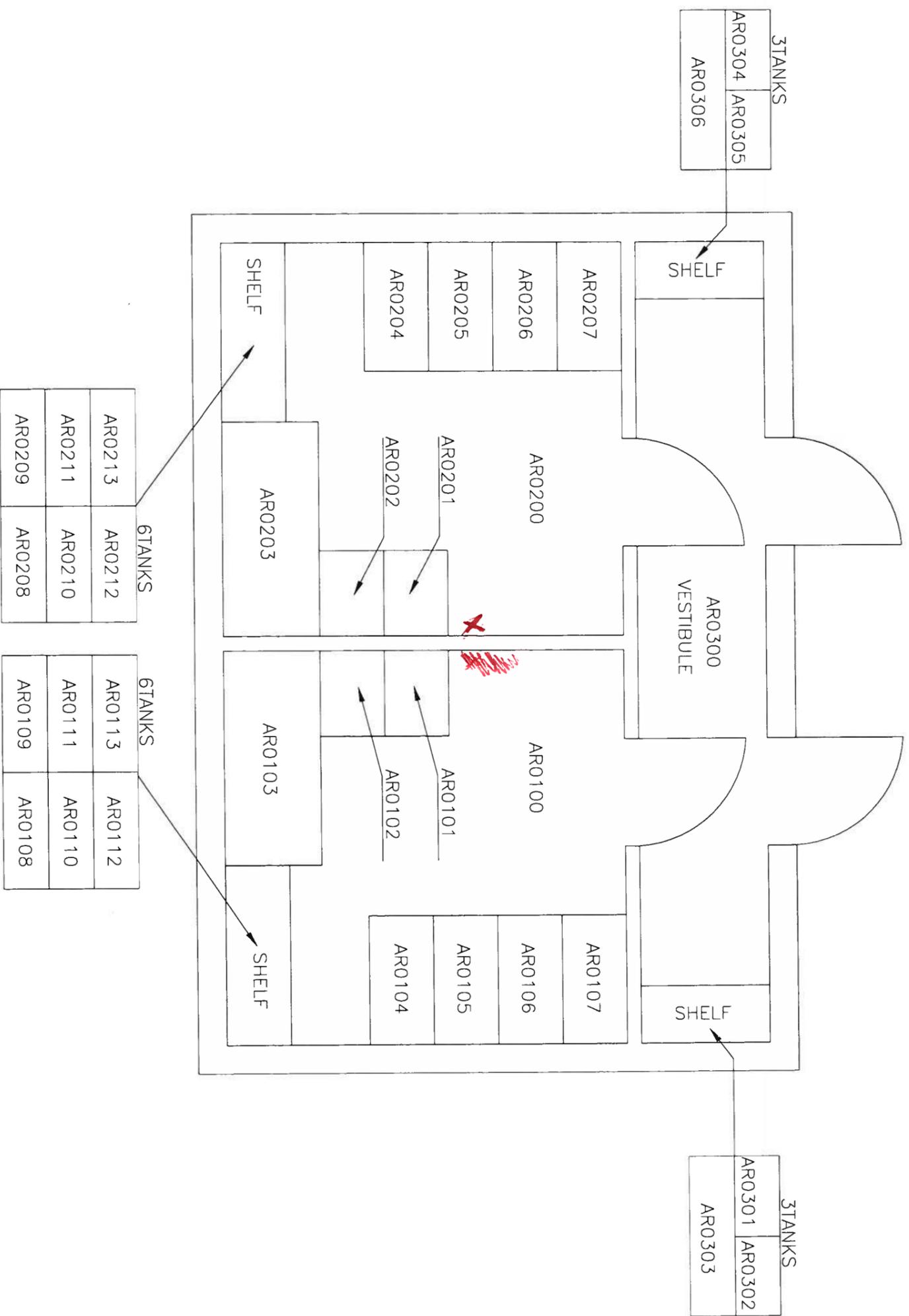
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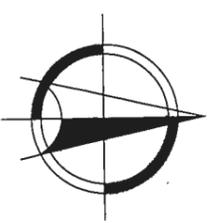
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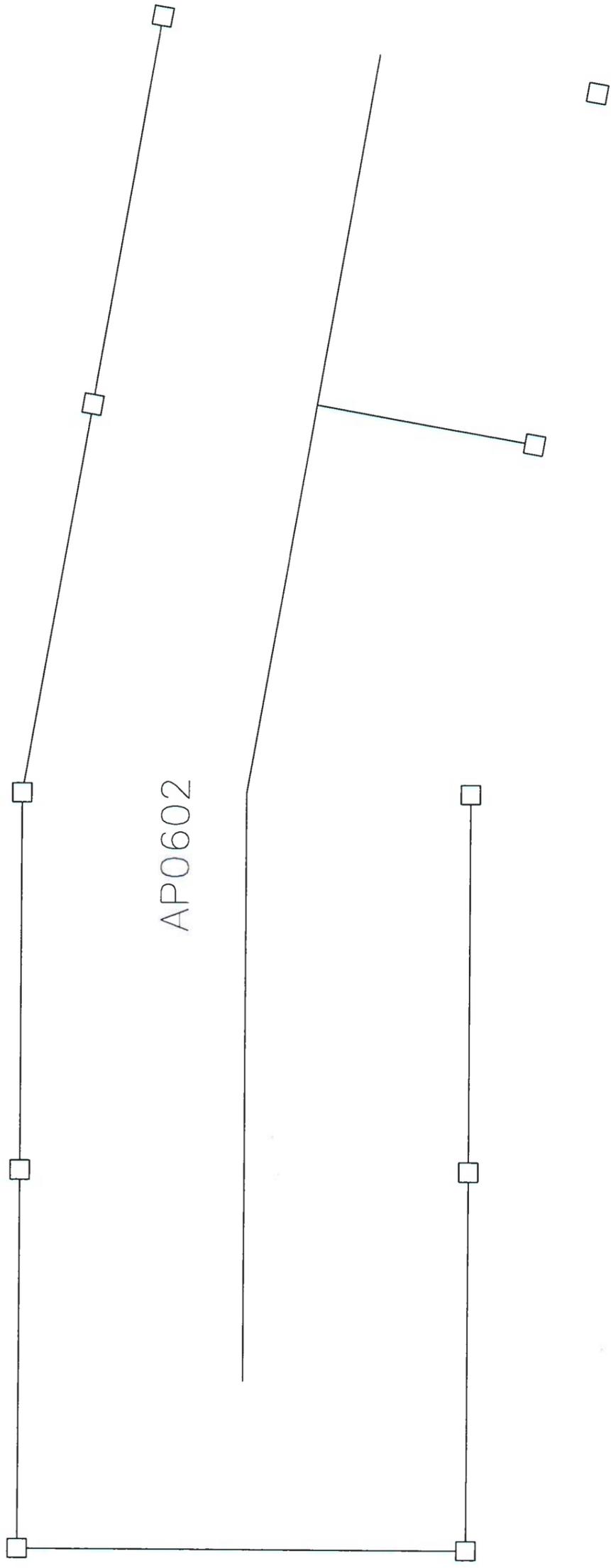
AR0000



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AMPHIBIAN CENTRE



AP0602



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ZOO

ZOO COMPLEX S.I.C.

AMERICAS ZOOMOBILE STATION

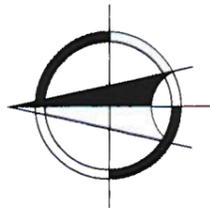
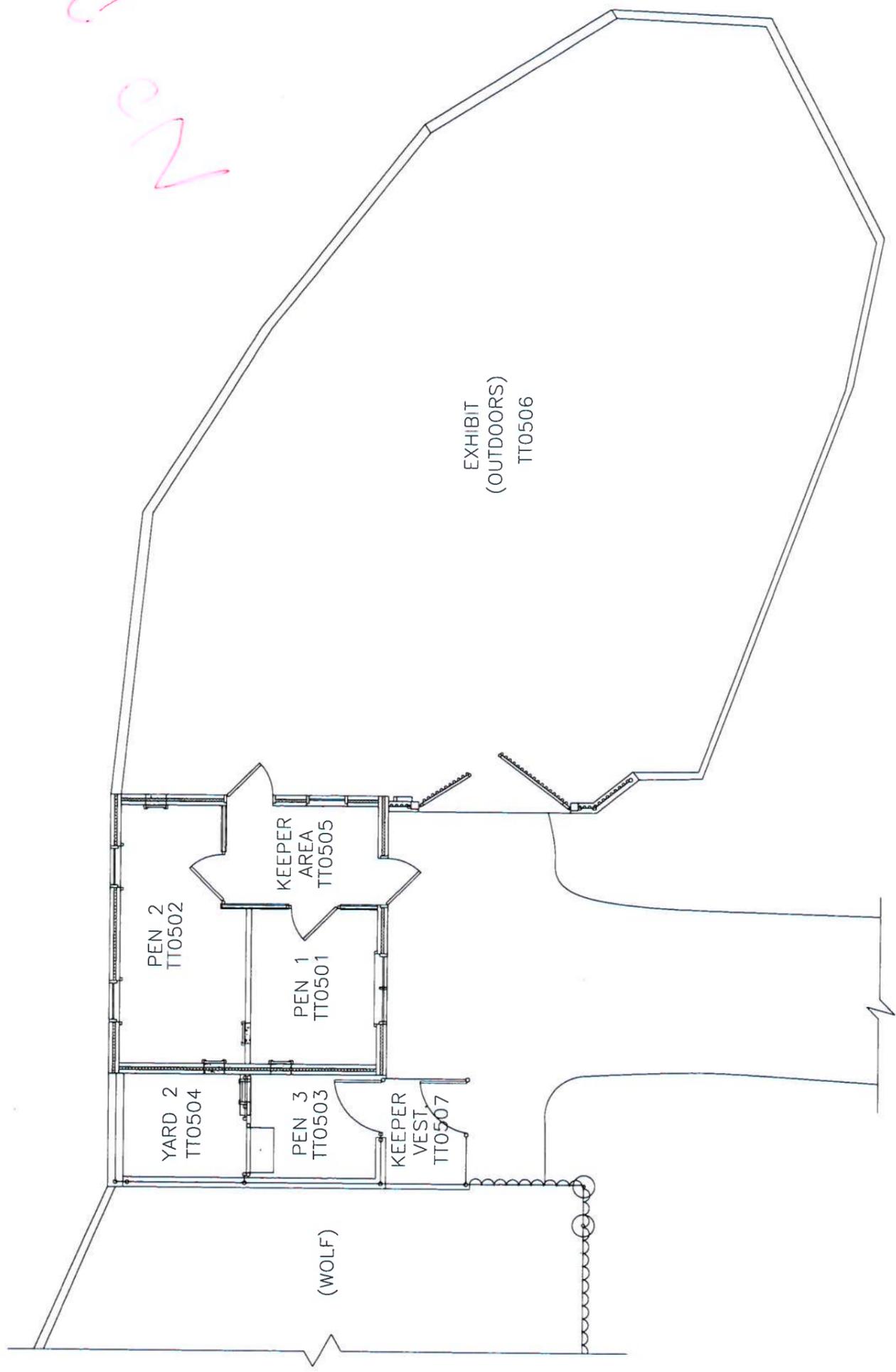
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AP0602

Plan



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ZOO COMPLEX S.I.C.

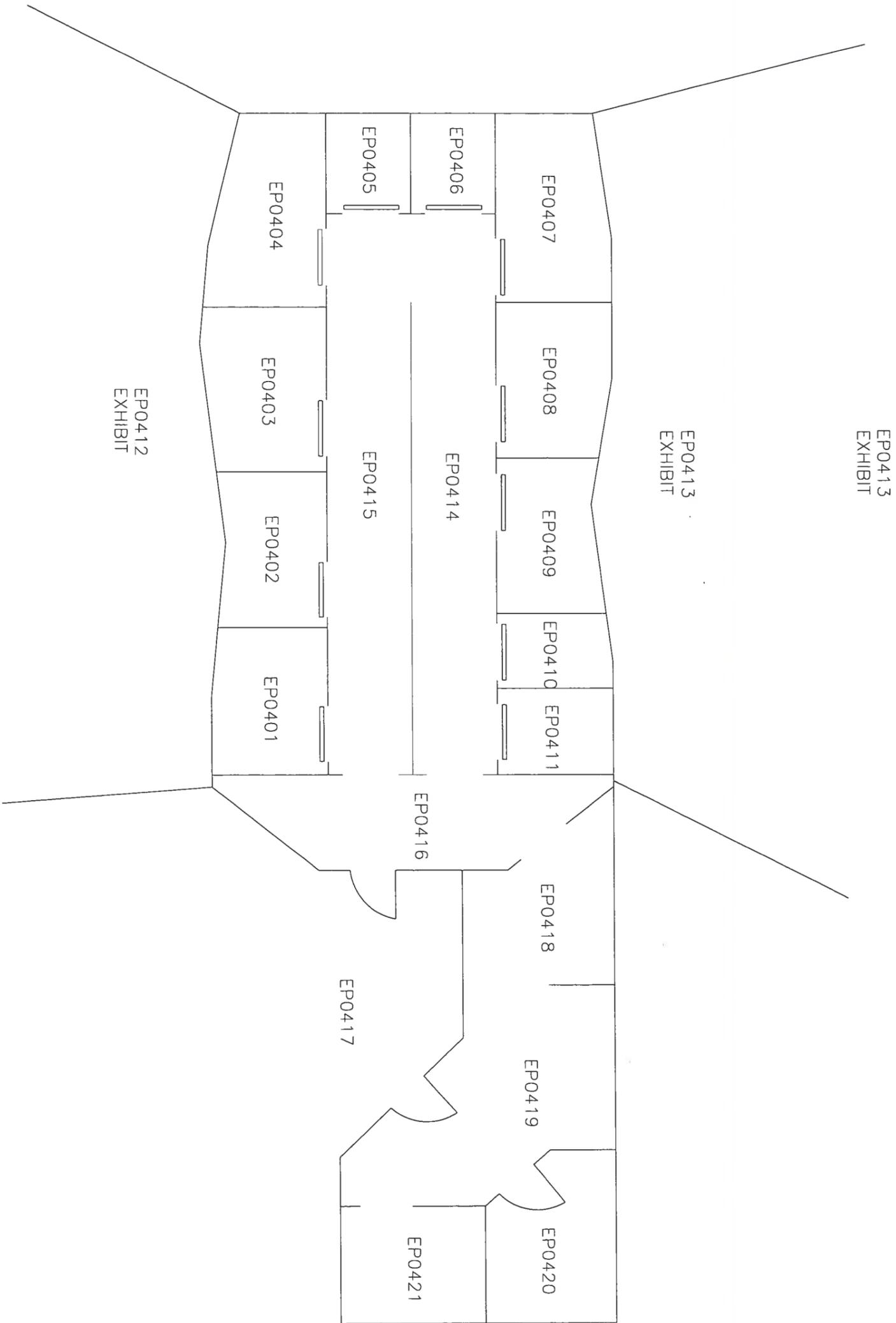
ARCTIC FOX HOLDING

LAST UPDATED: 2010-01-13

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DRAWING #

TT0500



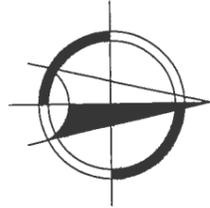
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EXHIBIT

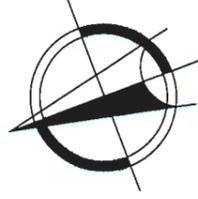
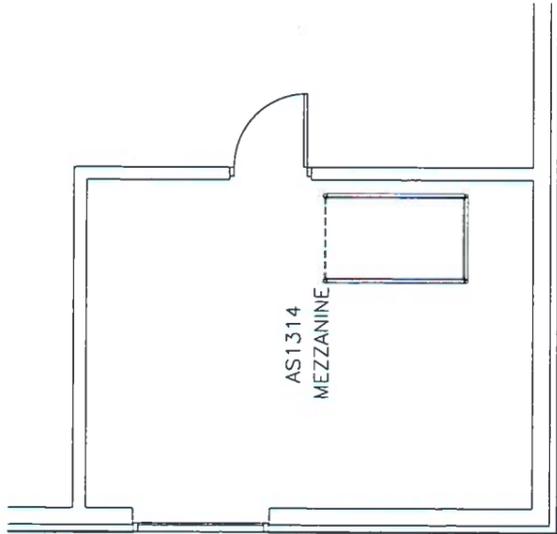
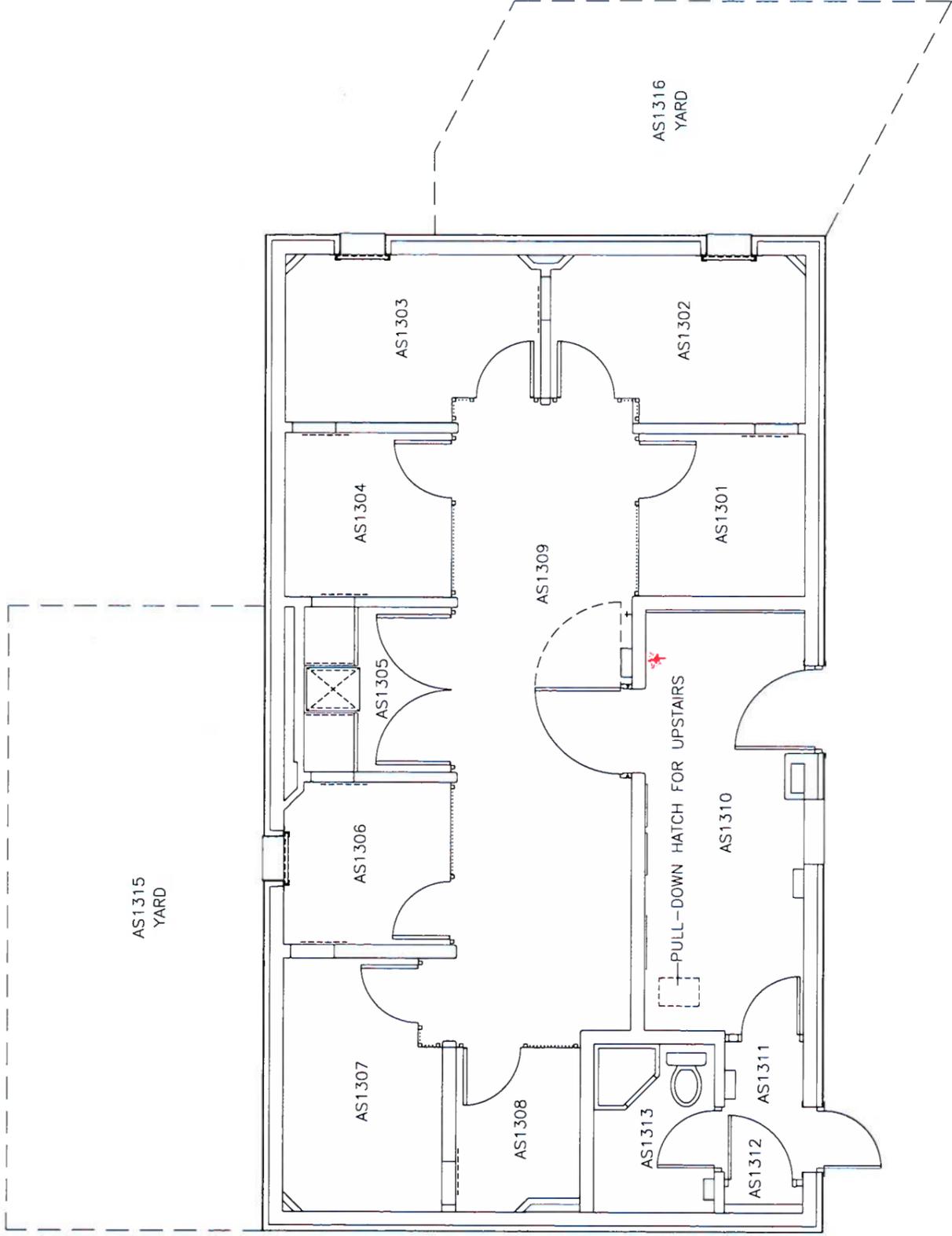
EP0413
EXHIBIT

EP0413
EXHIBIT

ZOO COMPLEX S.I.C.
BARBARY APE HOLDING
LAST UPDATED: 2009-02-01
SCALE: 3/16" = 1'-0"
DRAWING #

EP0400





**toronto
ZOO**

ZOO COMPLEX S.I.C.

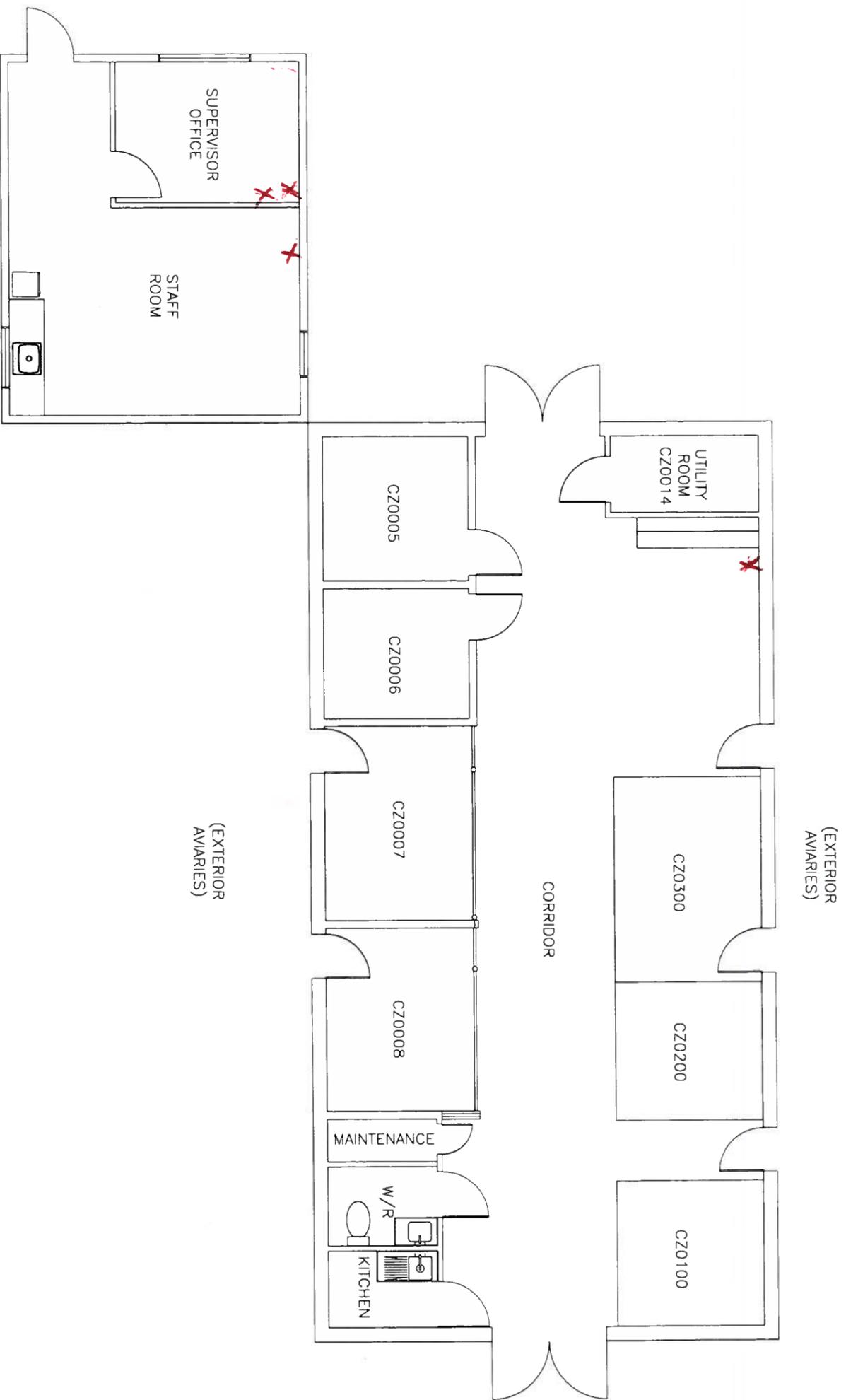
BABOON HOLDING

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SCALE: 1:75

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AS1300



toronto
ZOO

ZOO COMPLEX S.I.C.

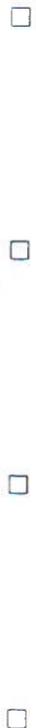
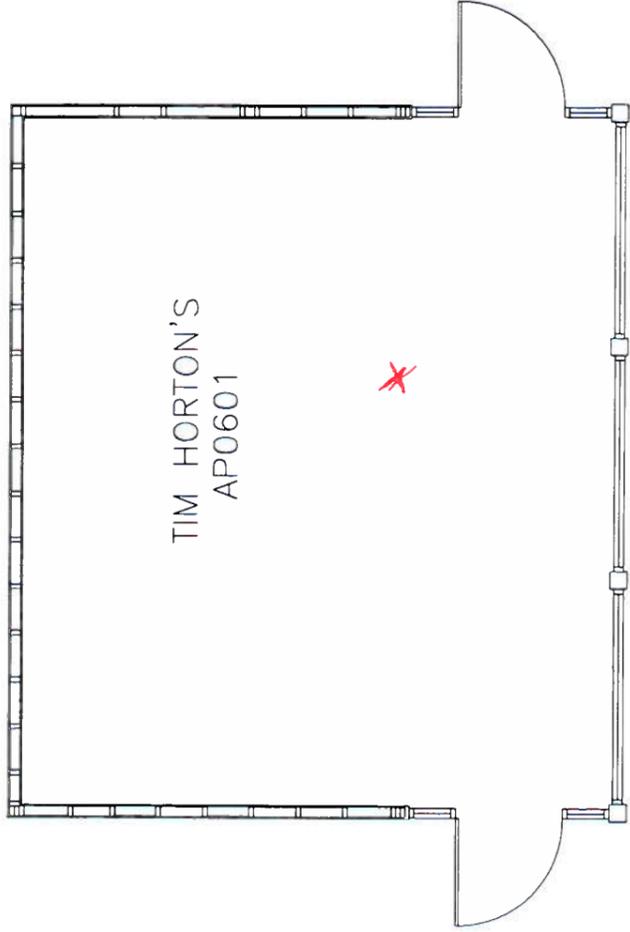
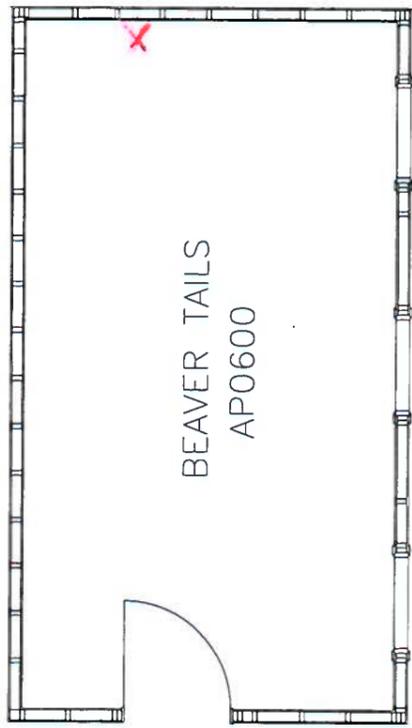
BIRD BARN &
SUPERVISOR OFFICE

LAST UPDATED: 2015.11.25

SCALE: 1/8" = 1'-0"

DRAWING #

CZ0000



toronto
ZOO

ZOO COMPLEX S.I.C.

BEAVER TAILS & TIM HORTONS

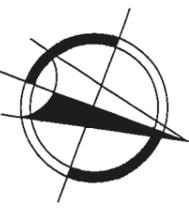
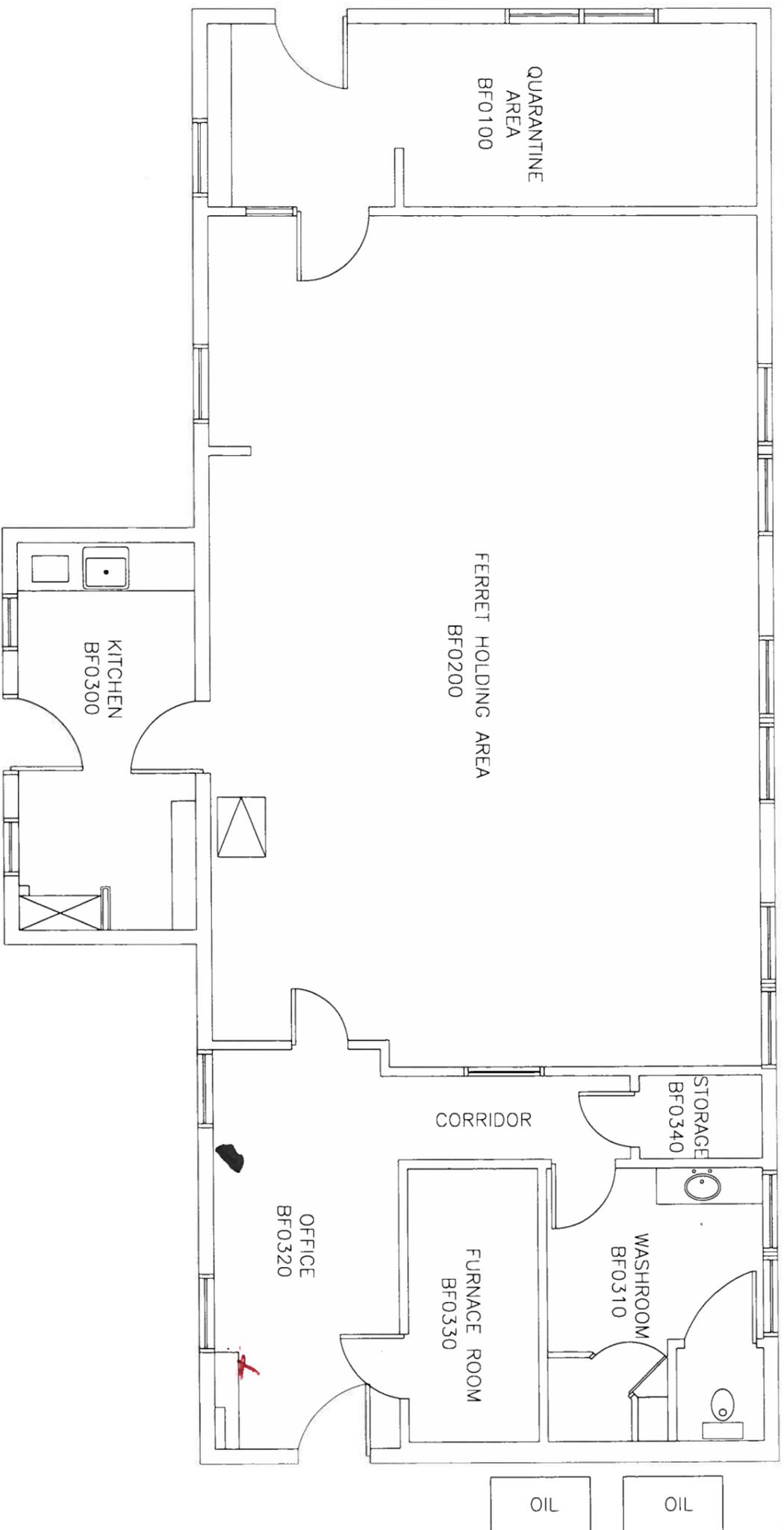
LAST UPDATED: 2015-11-06

SCALE: 1:60

DRAWING #

AP0600 &

AP0601



toronto
ZOO

ZOO COMPLEX S.I.C.

BLACK FOOTED FERRET

LAST UPDATED: 2015-11-06

SCALE: 3/16" = 1'-0"

DRAWING #

BF0000



toronto
ZOO

ZOO COMPLEX S.I.C.

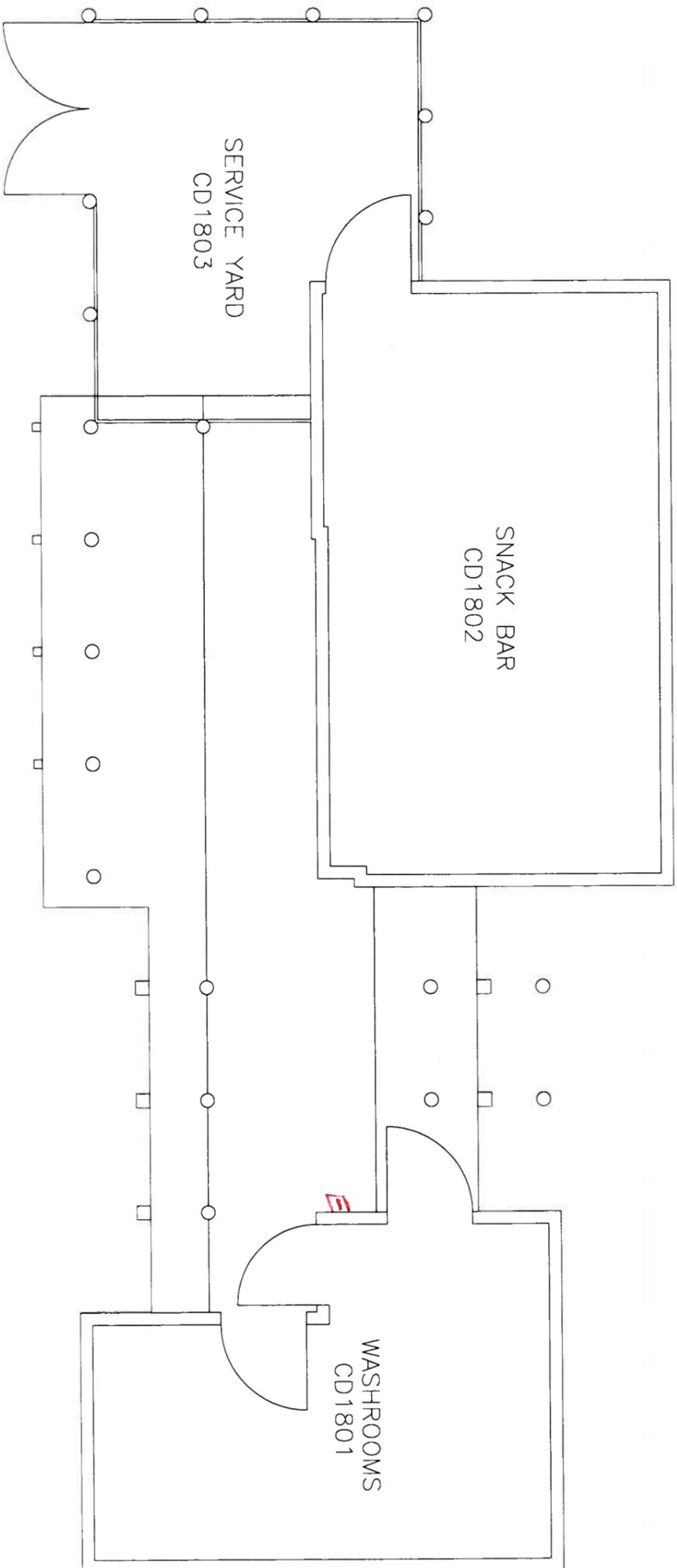
BIRD HOOFSTOCK BUILDING

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

AS1100



toronto
ZOO

ZOO COMPLEX S.I.C.

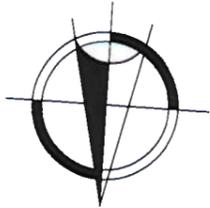
CANADIAN DOMAIN
ZOO MOBILE STOP

LAST UPDATED: 2015-11-06

SCALE: 1/8" = 1'-0"

DRAWING #

CD1800



toronto
ZOO

HOLDING SIZES

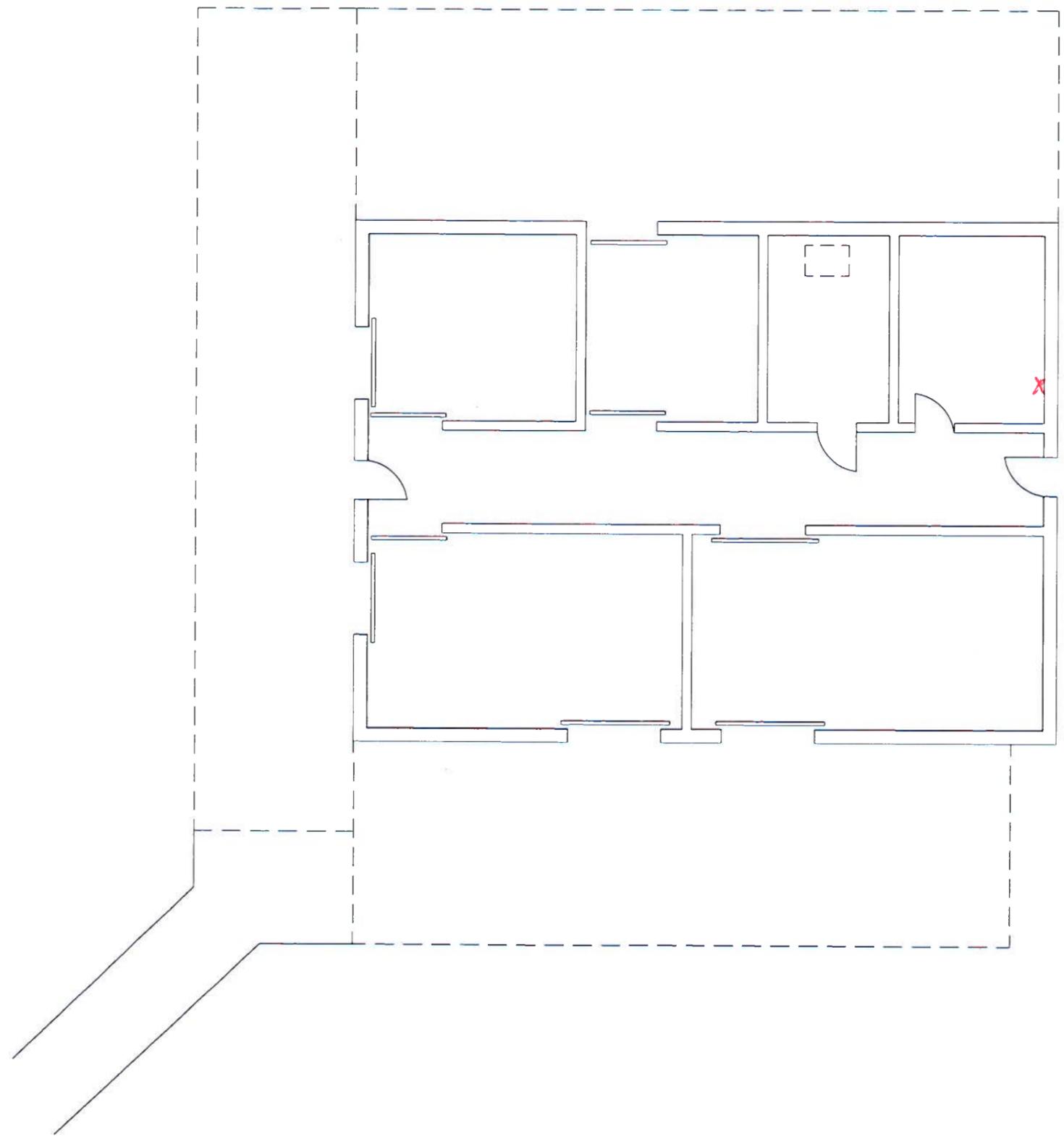
CAMEL HOUSE
(PINK PALACE)

LAST UPDATED: 2014-12-09

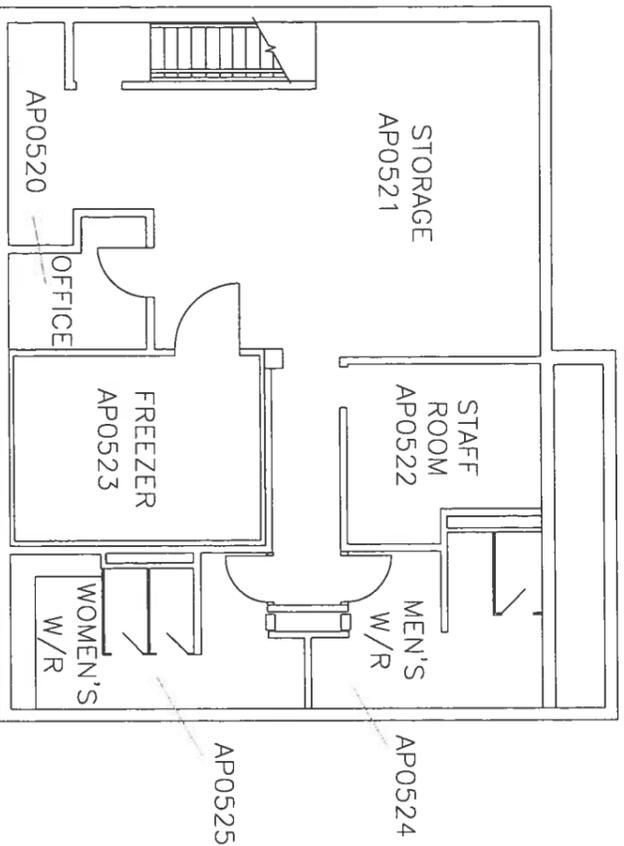
SCALE: 1/8" = 1'-0"

DRAWING #

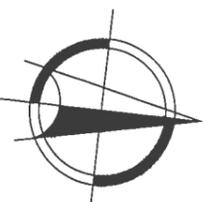
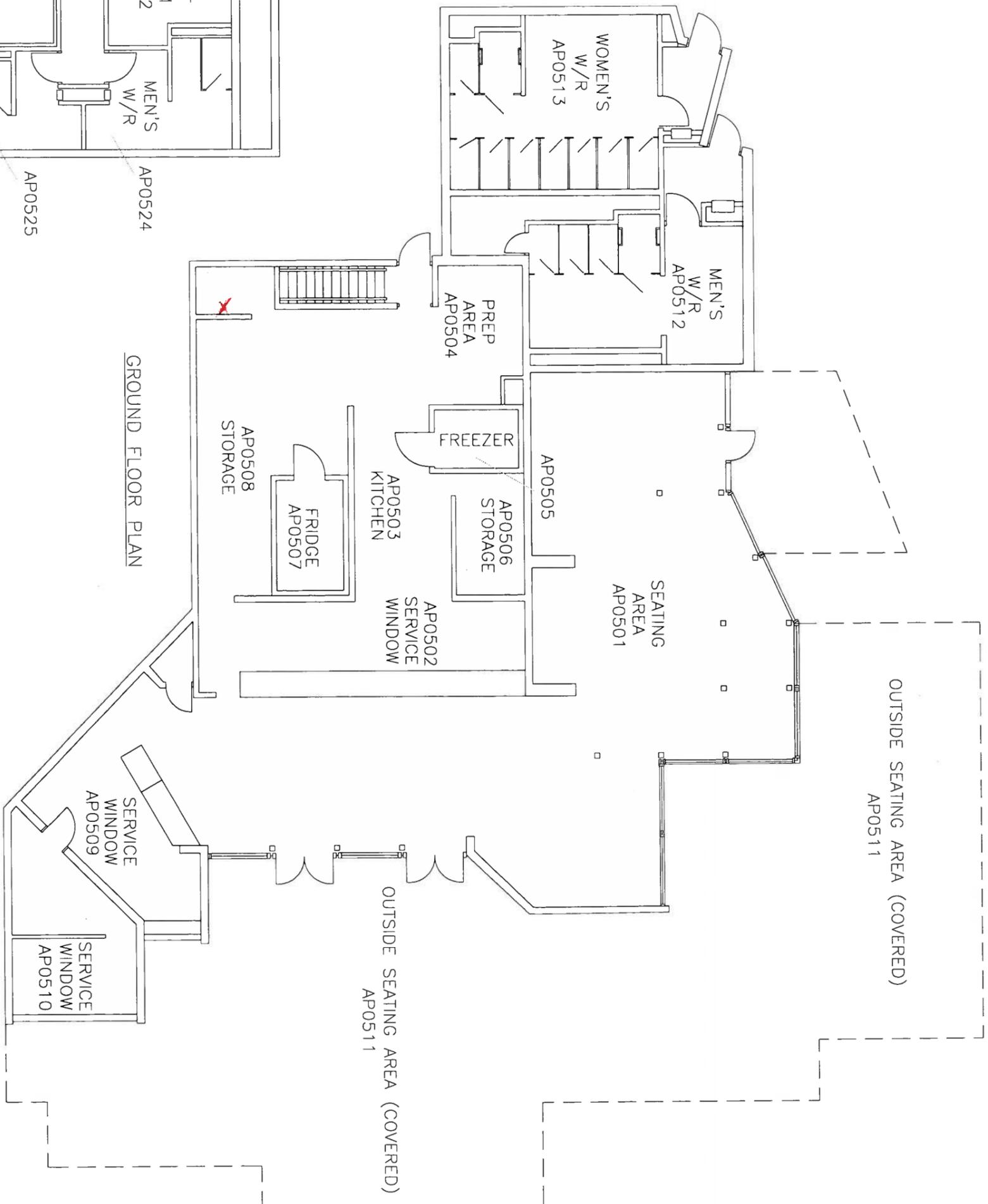
EP0600



BASEMENT PLAN



GROUND FLOOR PLAN



toronto ZOO

ZOO COMPLEX S.I.C.

CARIBOU CAFE

LAST UPDATED: 2015-11-06

SCALE: 3/32" = 1'-0" (ARCH B)

DRAWING #

AP0500



toronto
ZOO

ZOO COMPLEX S.I.C.

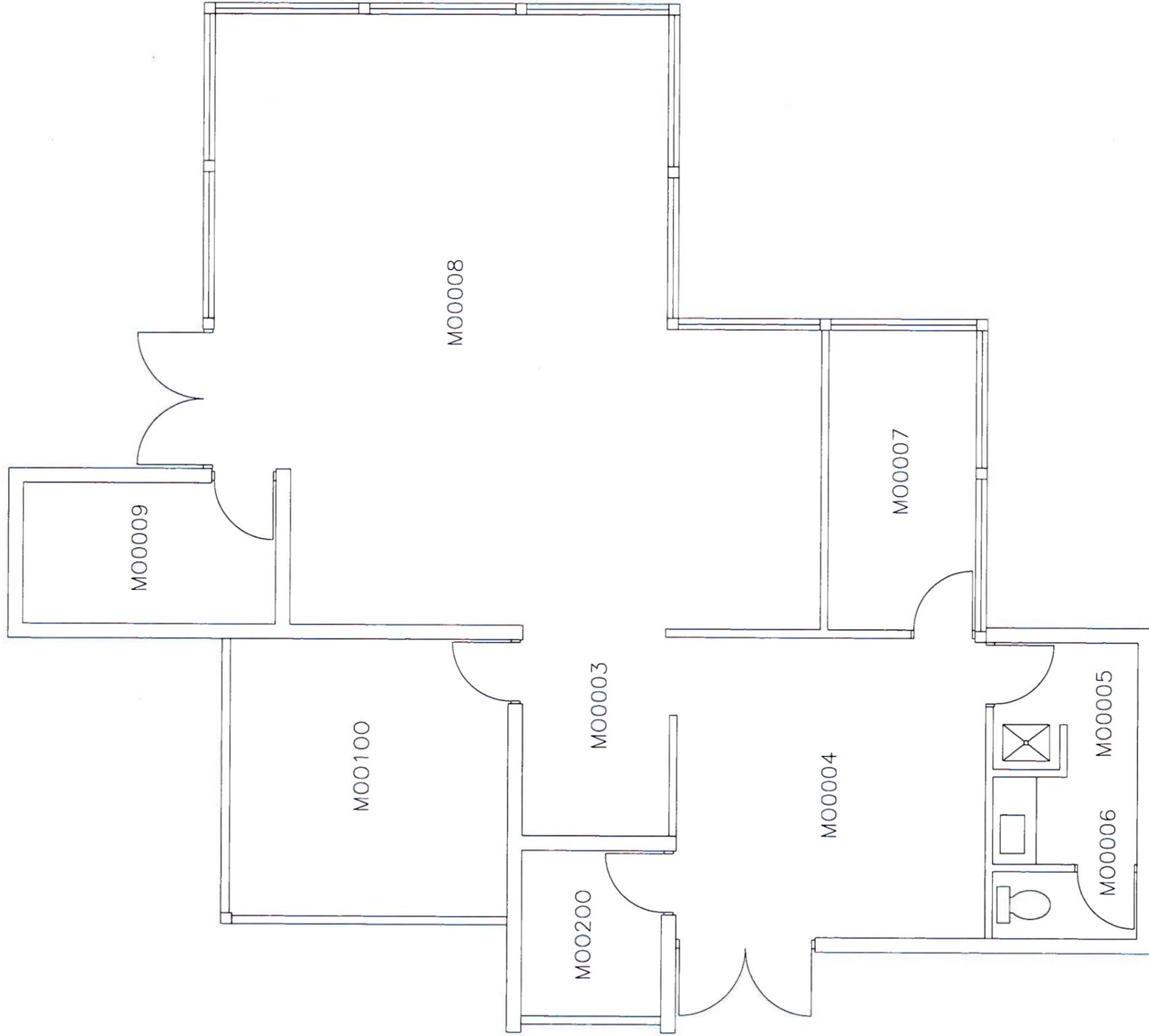
CANOPY CLASSROOM

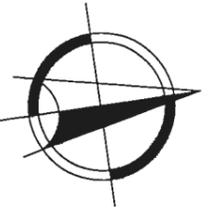
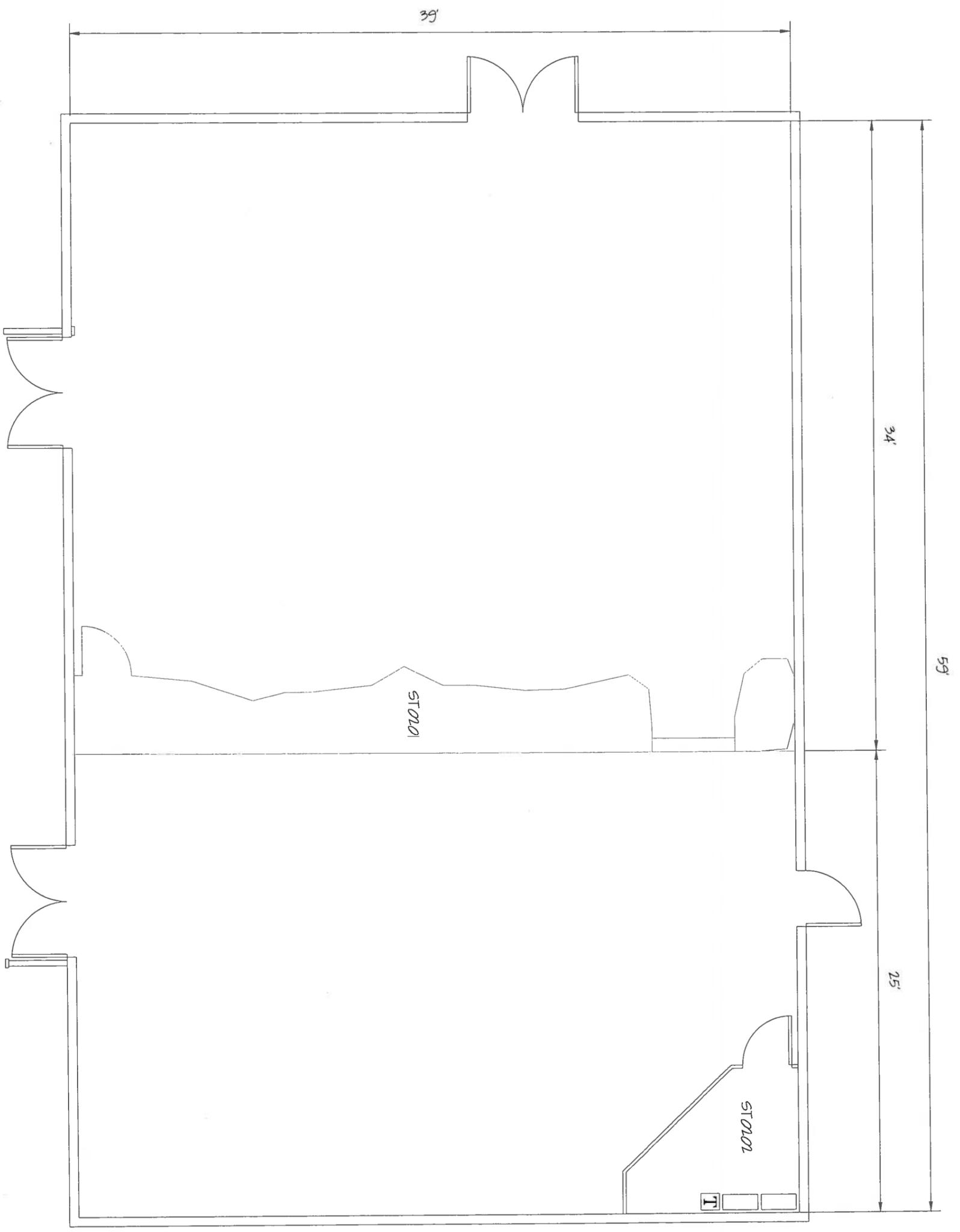
LAST UPDATED: 2016-01-11

SCALE: 3/16" = 1'-0"

DRAWING #

M00000



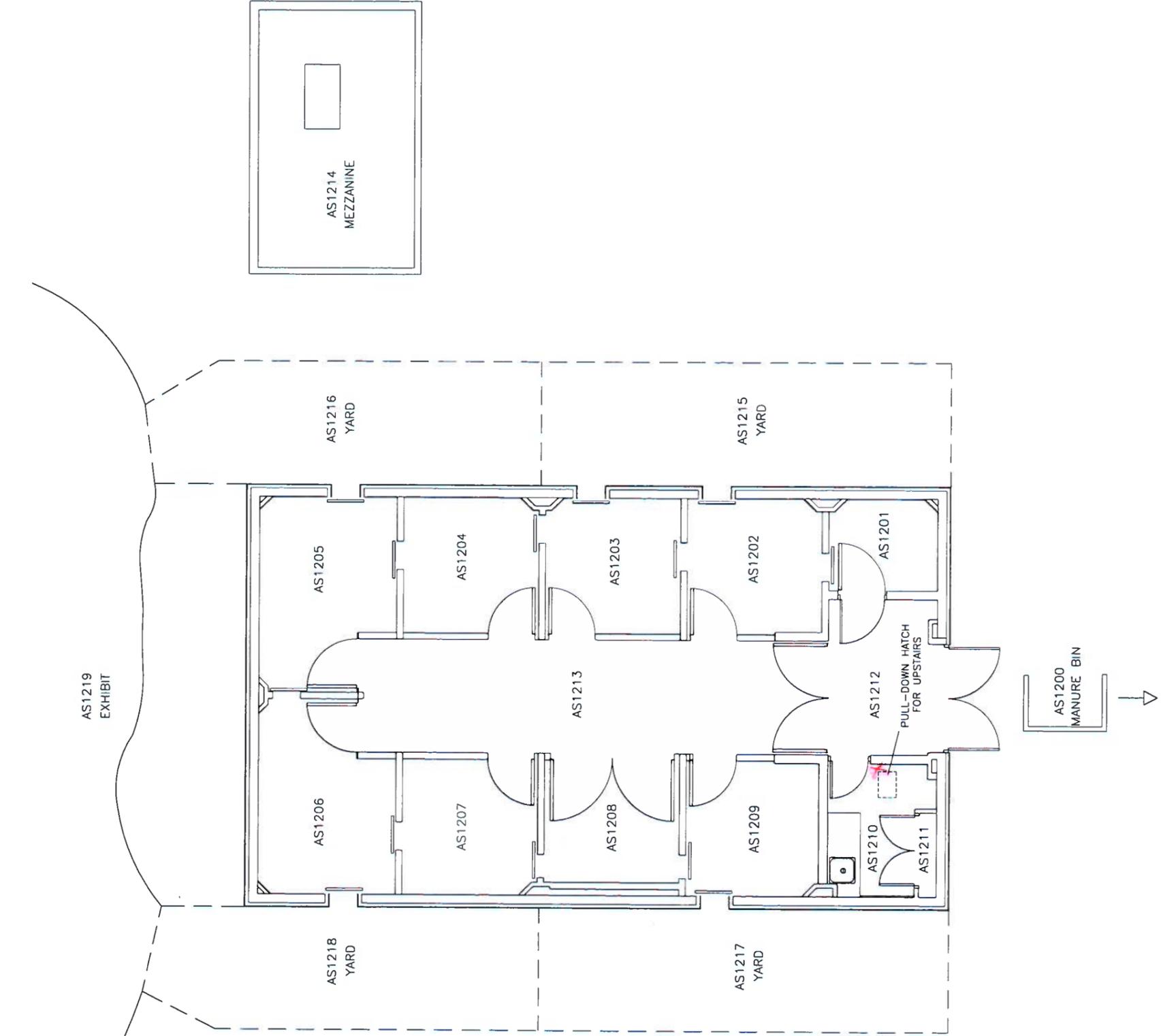


toronto
ZOO

ZOO COMPLEX S.I.C.
CONSERVATION CLUBHOUSE

LAST UPDATED: 2015-10-29
SCALE: NTS
DRAWING #

ST0201



toronto
ZOO

ZOO COMPLEX S.I.C.

CHEETAH HOLDING

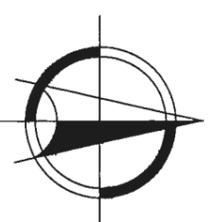
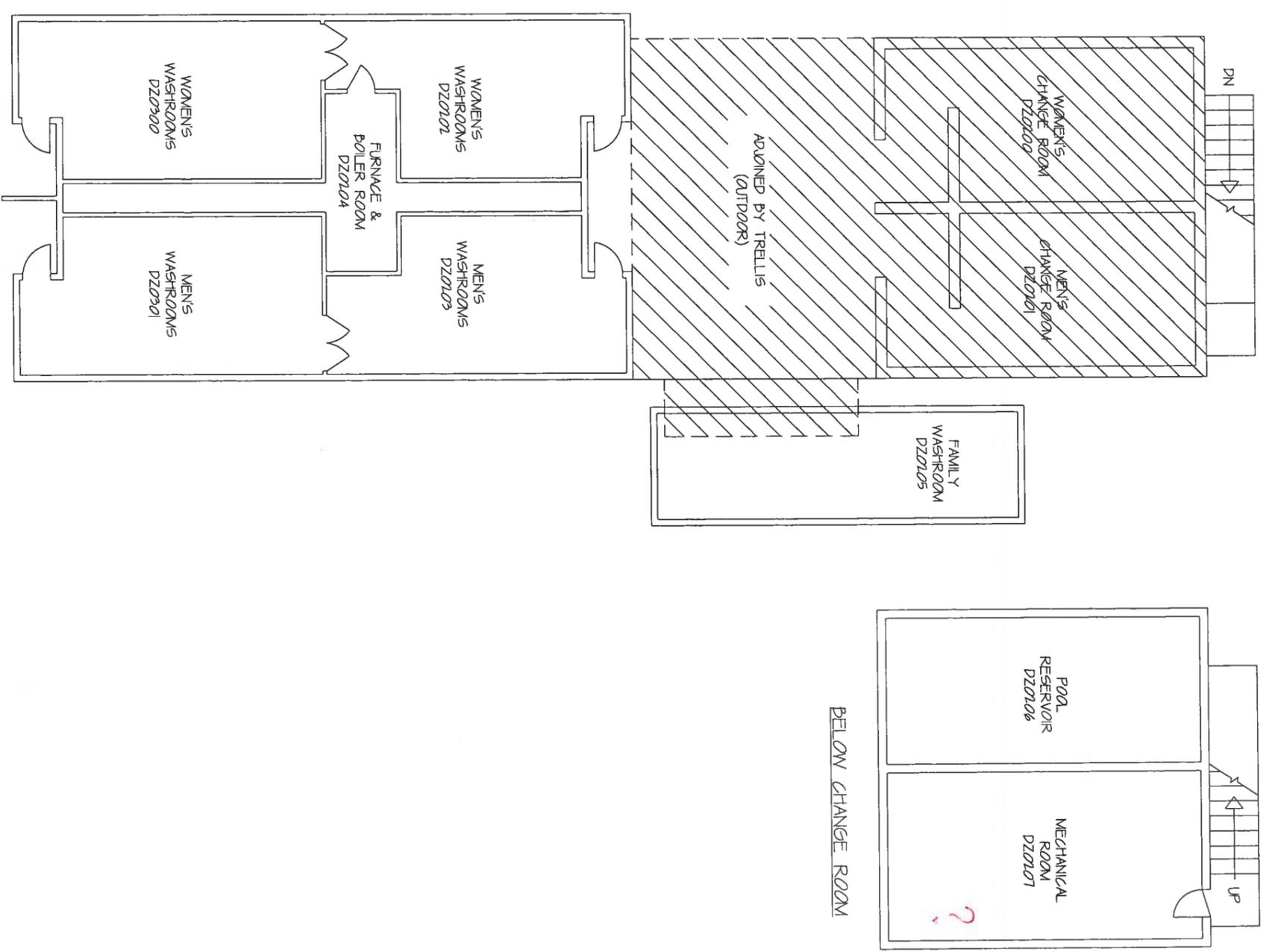
LAST UPDATED: 2009-02-01

SCALE: 1:100

DRAWING #

AS1200

← SPLASH ISLAND
DZ0210



toronto
ZOO

S.I.C.

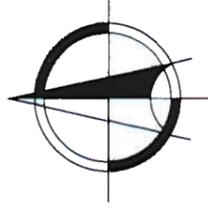
DISCOVERY ZONE
CHANGE ROOM & WASHRO

LAST UPDATED: 2015.11.24

SCALE: NTS

DRAWING #

DZ0210/220



toronto
ZOO

ZOO COMPLEX S.I.C.

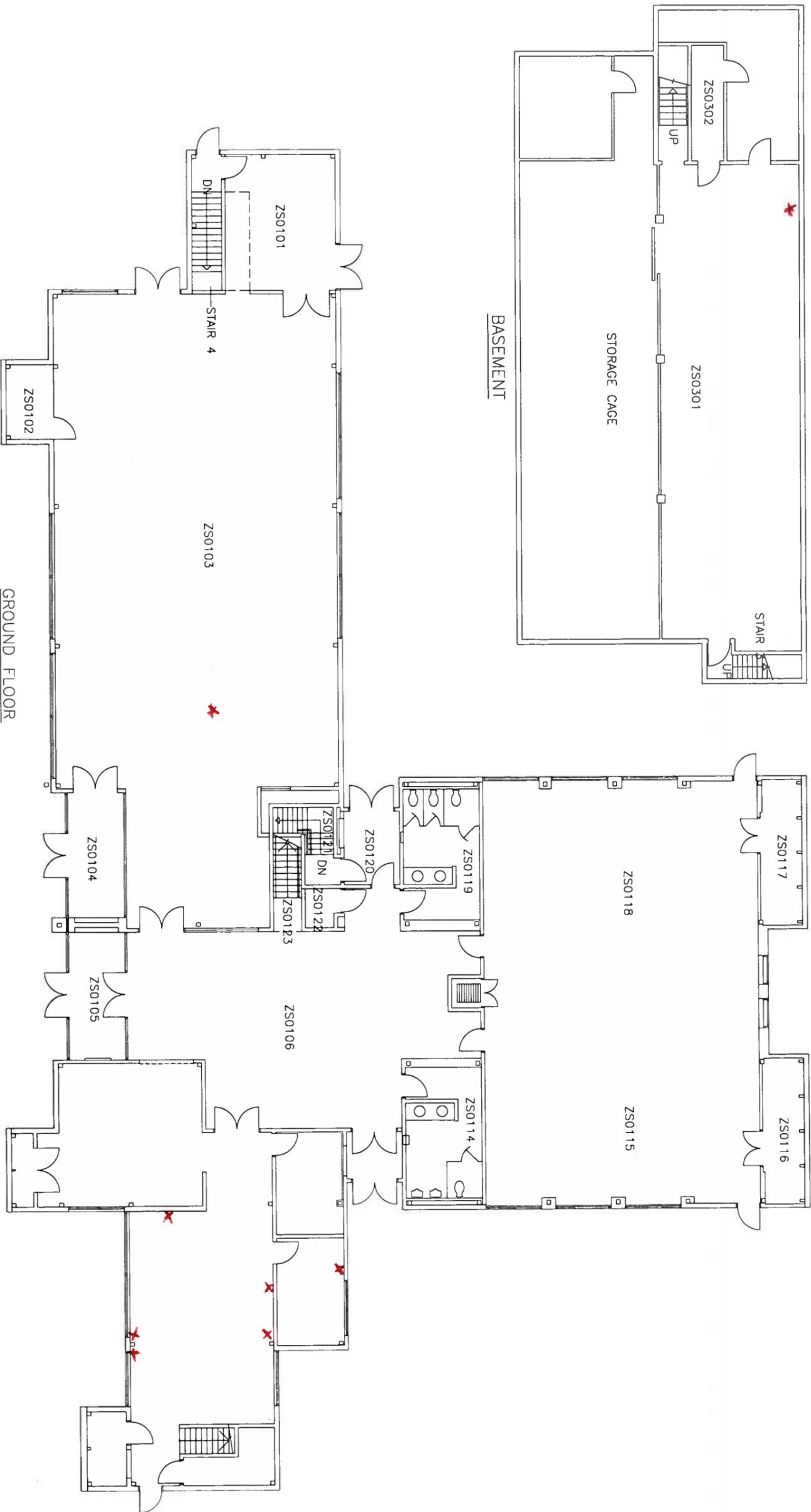
DHOLE HOUSE

LAST UPDATED: 2009-02-01

SCALE: 1/4" = 1'-0"

DRAWING #

EPO300



toronto
ZOO

ZOO COMPLEX S.I.C.

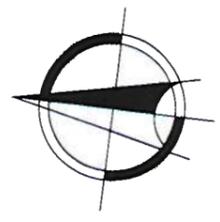
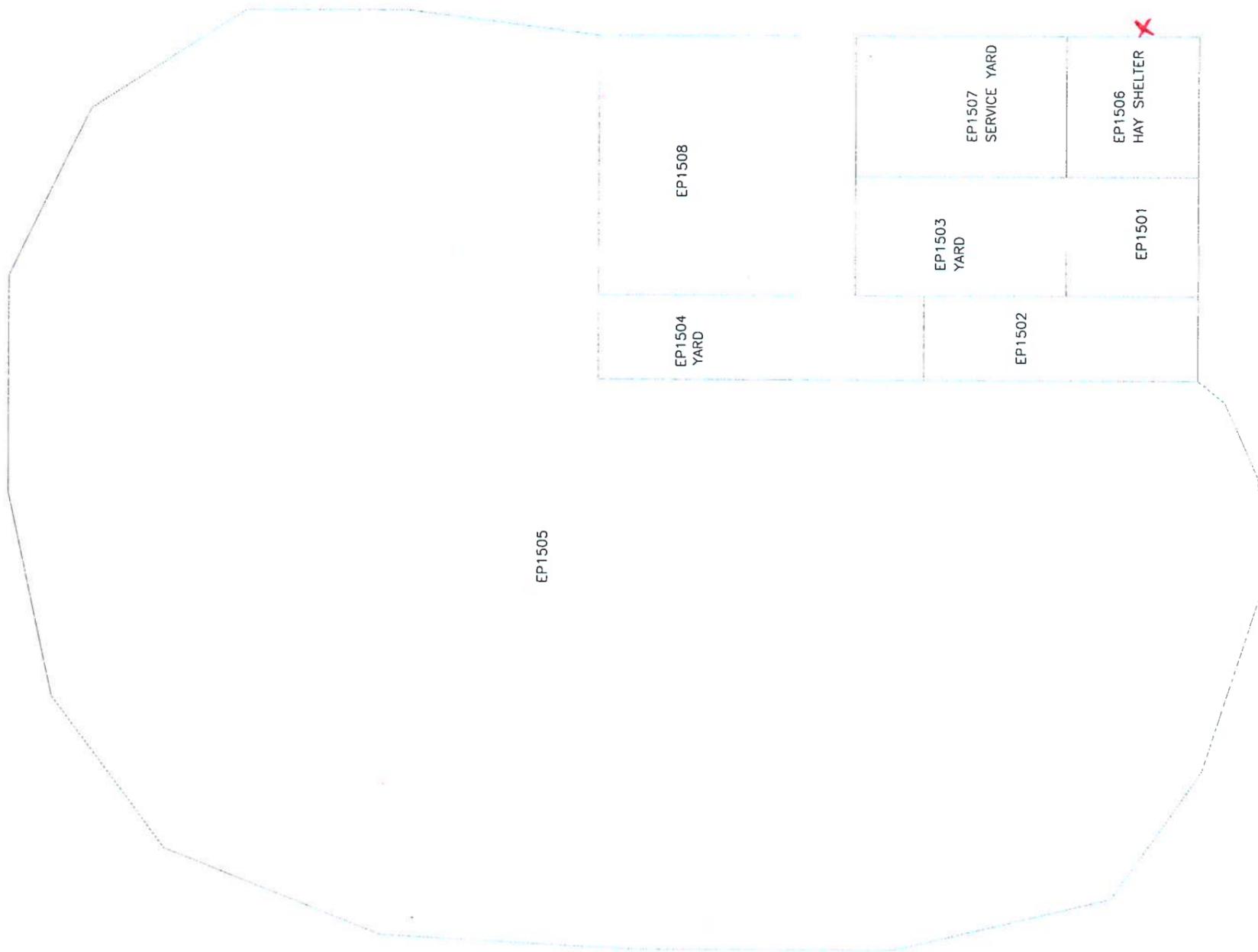
EDUCATION & VOLUNTEER
CENTRE - FIRST FLOOR & BSM1

LAST UPDATED: 2009-02-01

SCALE: 1:175

DRAWING #

ZS0100 &
ZS0300



toronto
ZOO

ZOO COMPLEX S.I.C.

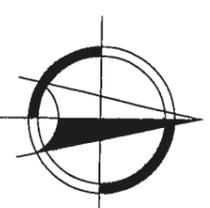
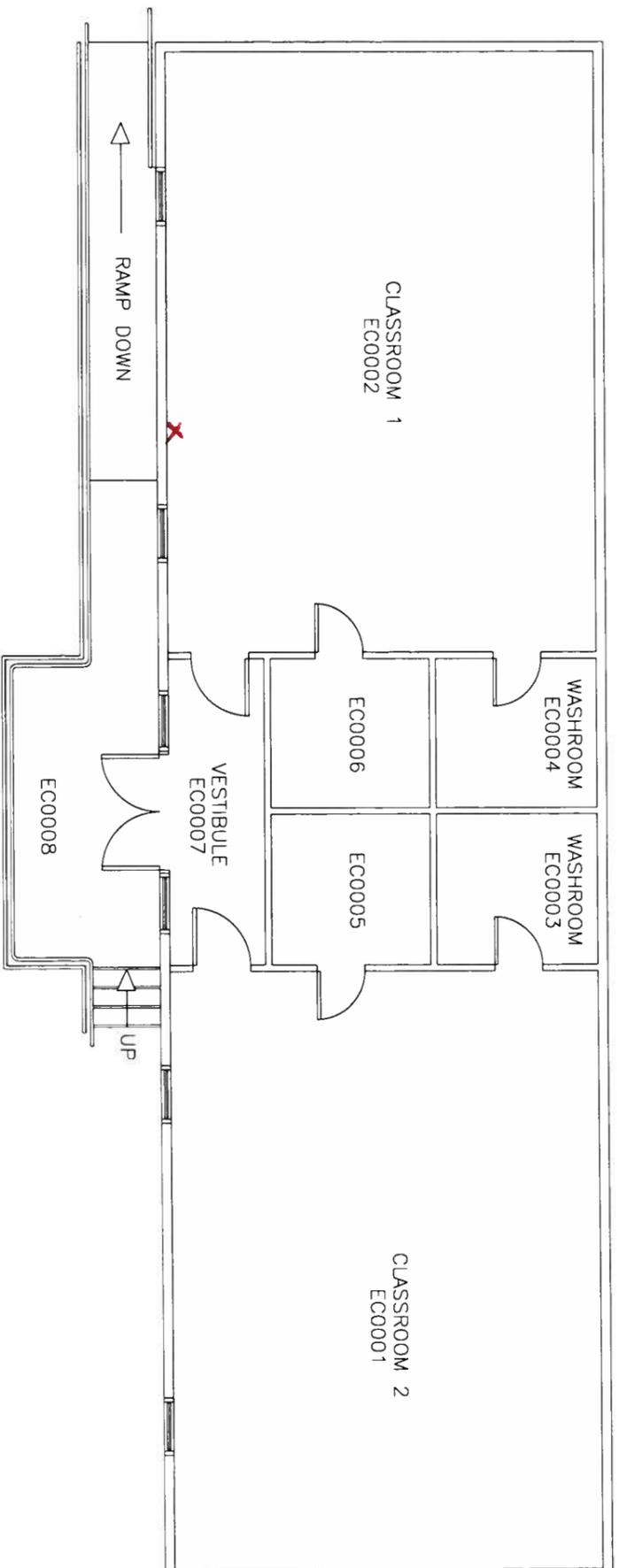
DROMEDARY CAMEL HOLDING

LAST UPDATED: 2016-05-20

SCALE: NTS

DRAWING #

EP1500



toronto
ZOO

ZOO COMPLEX S.I.C.

EDUCATIONAL PORTABLE

LAST UPDATED: 2015.11.24

SCALE: 1/8" = 1'-0"

DRAWING #

EC0000



toronto
ZOO

ZOO COMPLEX S.I.C.

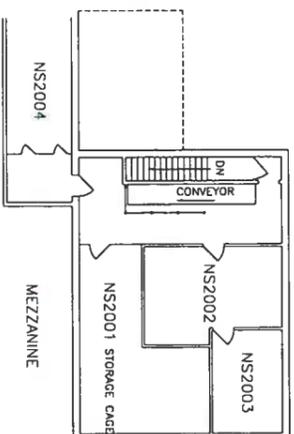
EDUCATION & VOLUNTEER
CENTRE - MEZZANINE

LAST UPDATED: 2009-02-01

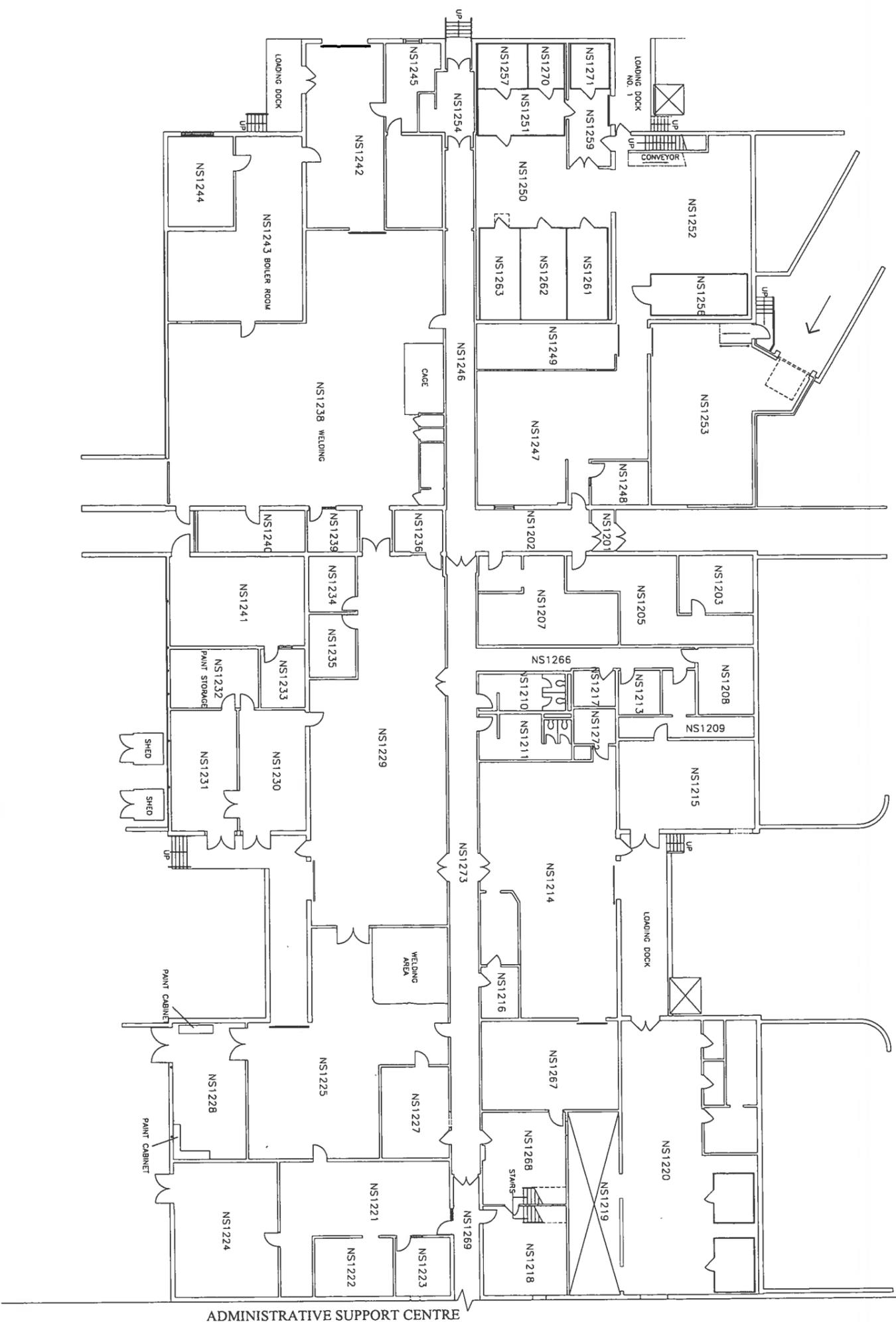
SCALE: 1:175

DRAWING #

ZS0200



Done



ZOO COMPLEX S.I.C

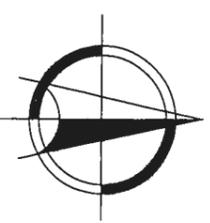
FACILITIES & SERVICES CEN
FIRST FLOOR

LAST UPDATED: 2009-02-01

SCALE: NTS

DRAWING #

NS0000



toronto
ZOO

ZOO COMPLEX S.I.C.

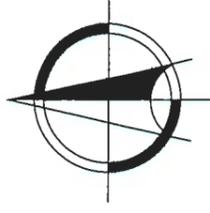
FINCH BARN -
FIRST FLOOR

LAST UPDATED: 2009-02-01

SCALE: 3/16" = 1'-0"

DRAWING #

F10000



toronto
ZOO

ZOO COMPLEX S.I.C.

FACILITIES & SERVICES CENTRE

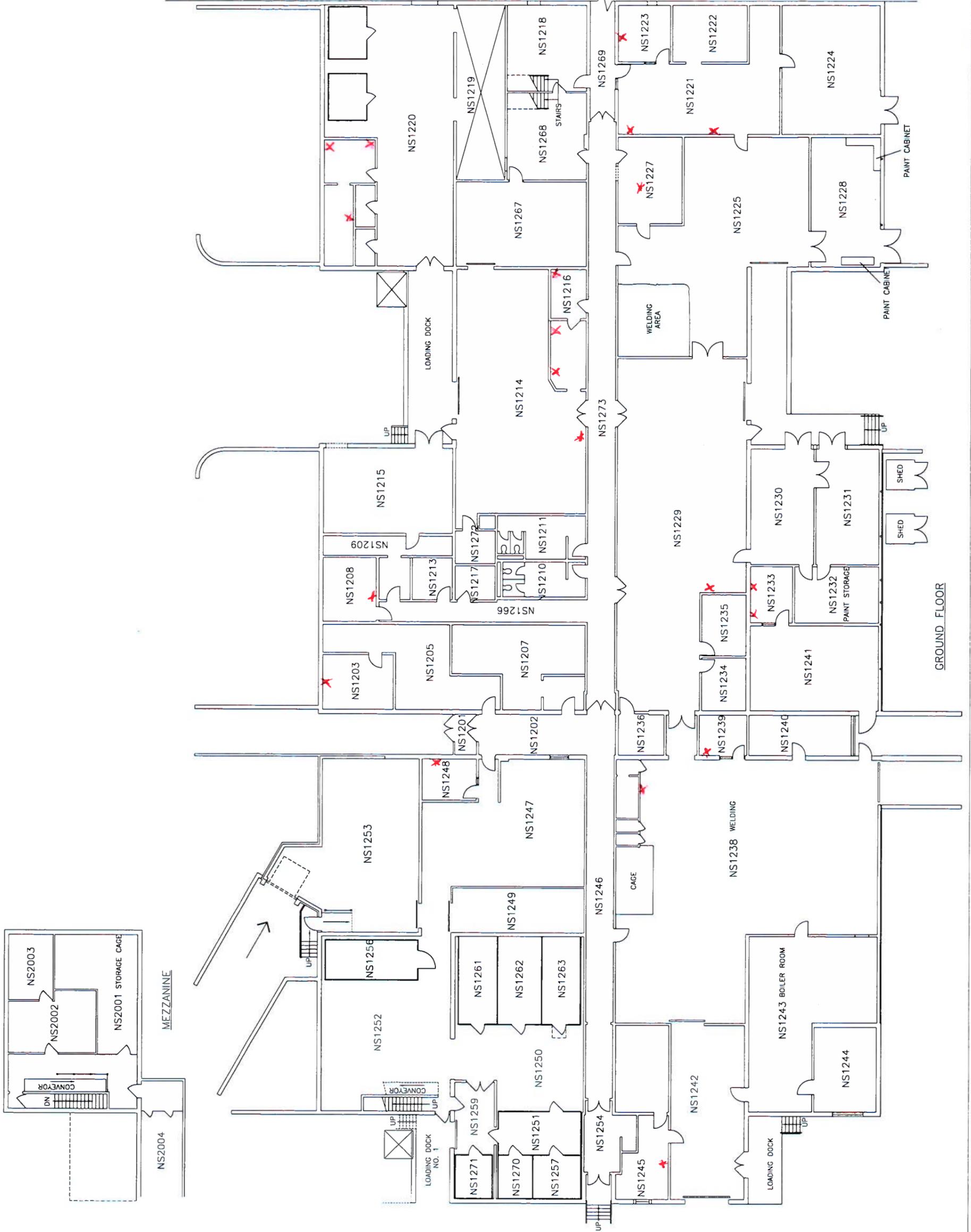
LAST UPDATED: 2009-02-01

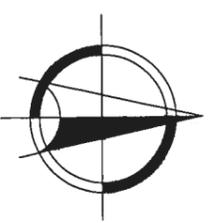
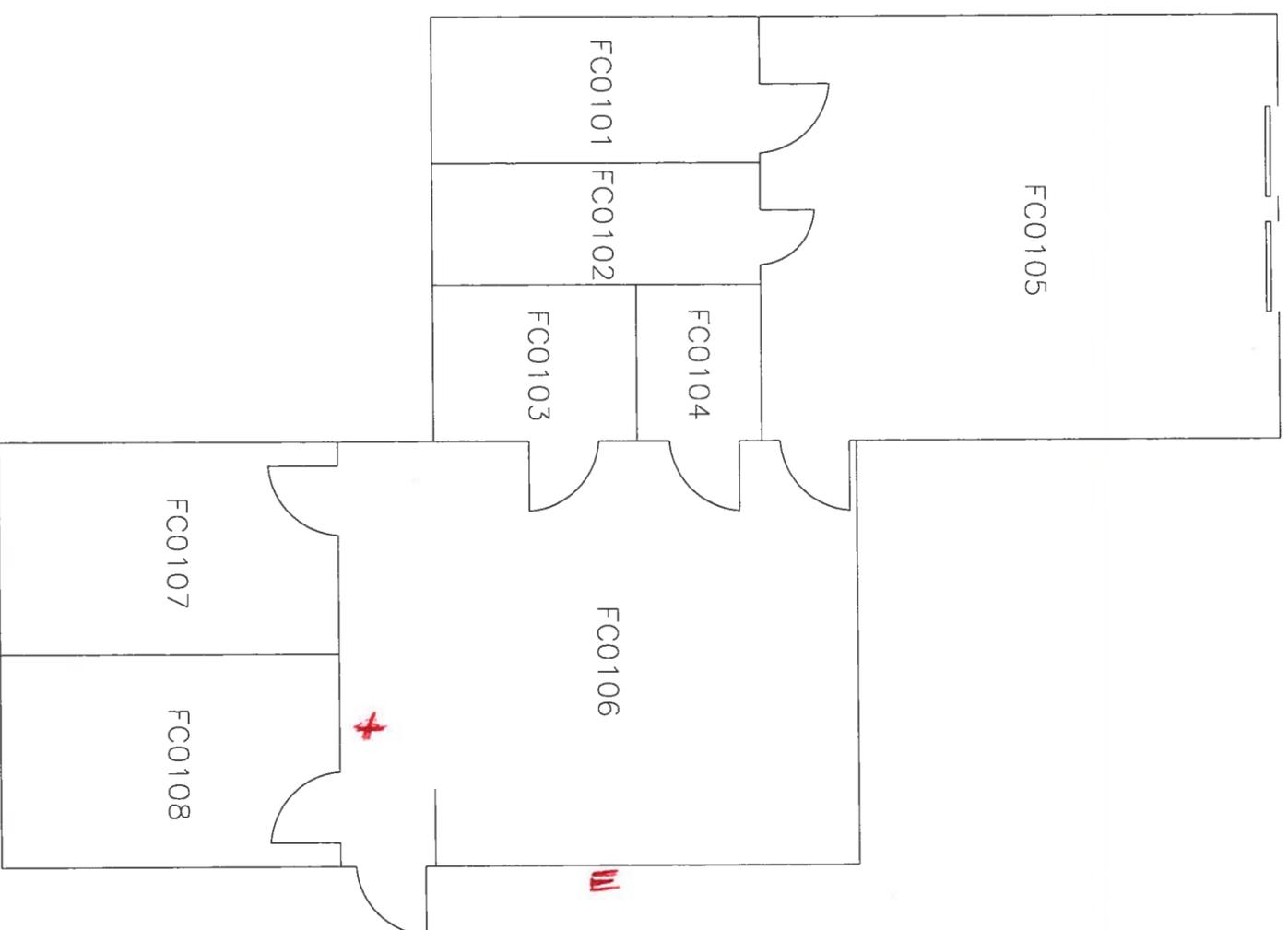
SCALE: 1:250

DRAWING #

NS0000

ADMINISTRATIVE SUPPORT CENTRE





toronto
ZOO

ZOO COMPLEX S.I.C.

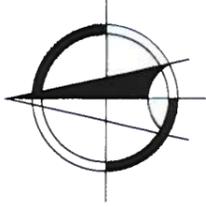
FIRST AID CENTRE
(FAMILY CENTRE)

LAST UPDATED: 2009-02-01

SCALE: 3/16" = 1'-0"

DRAWING #

FC0100



toronto
ZOO

ZOO COMPLEX S.I.C.

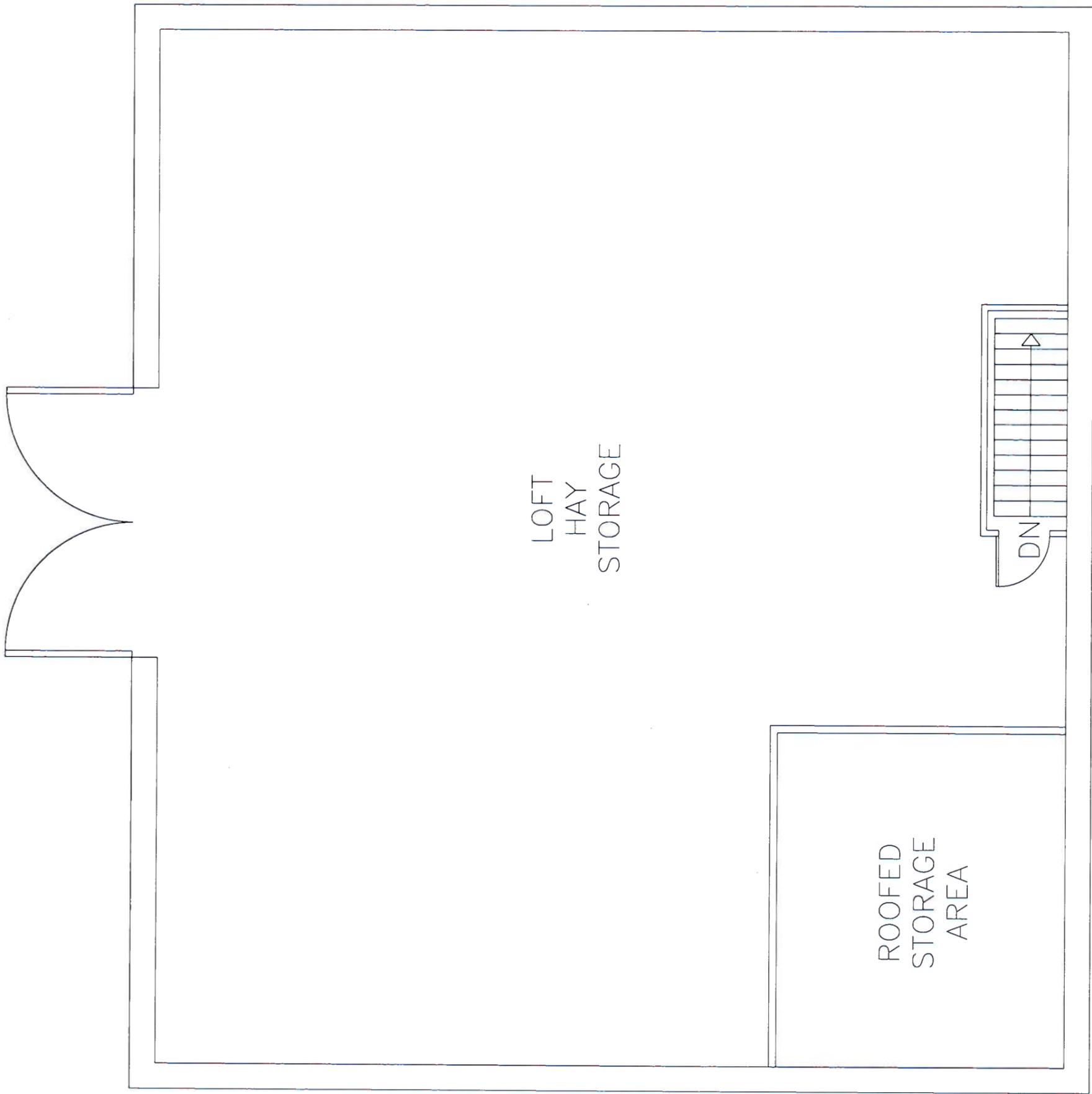
FINCH BARN -
SECOND FLOOR

LAST UPDATED: 2009-02-01

SCALE: 3/16" = 1'-0"

DRAWING #

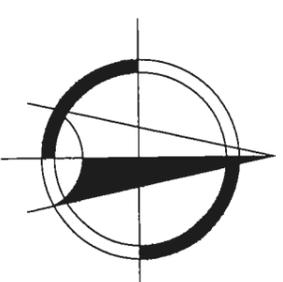
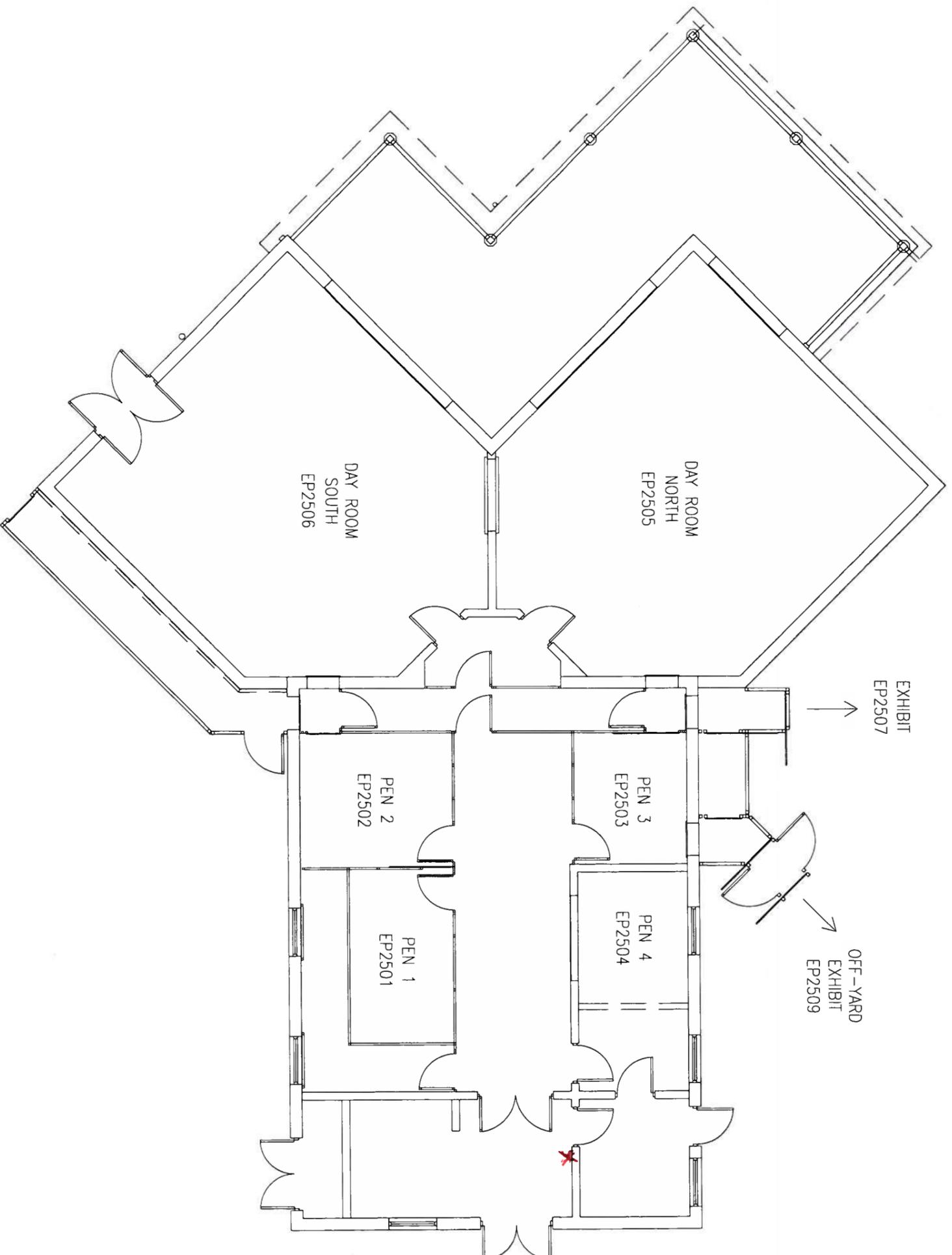
F10000



LOFT
HAY
STORAGE

ROOFED
STORAGE
AREA

DN



toronto
ZOO

ZOO COMPLEX S.I.C.

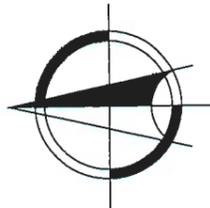
GIANT PANDA HOLDING
BUILDING

LAST UPDATED: 2014-10-29

SCALE: 1:150

DRAWING #

EP2500



toronto
ZOO

ZOO COMPLEX S.I.C.

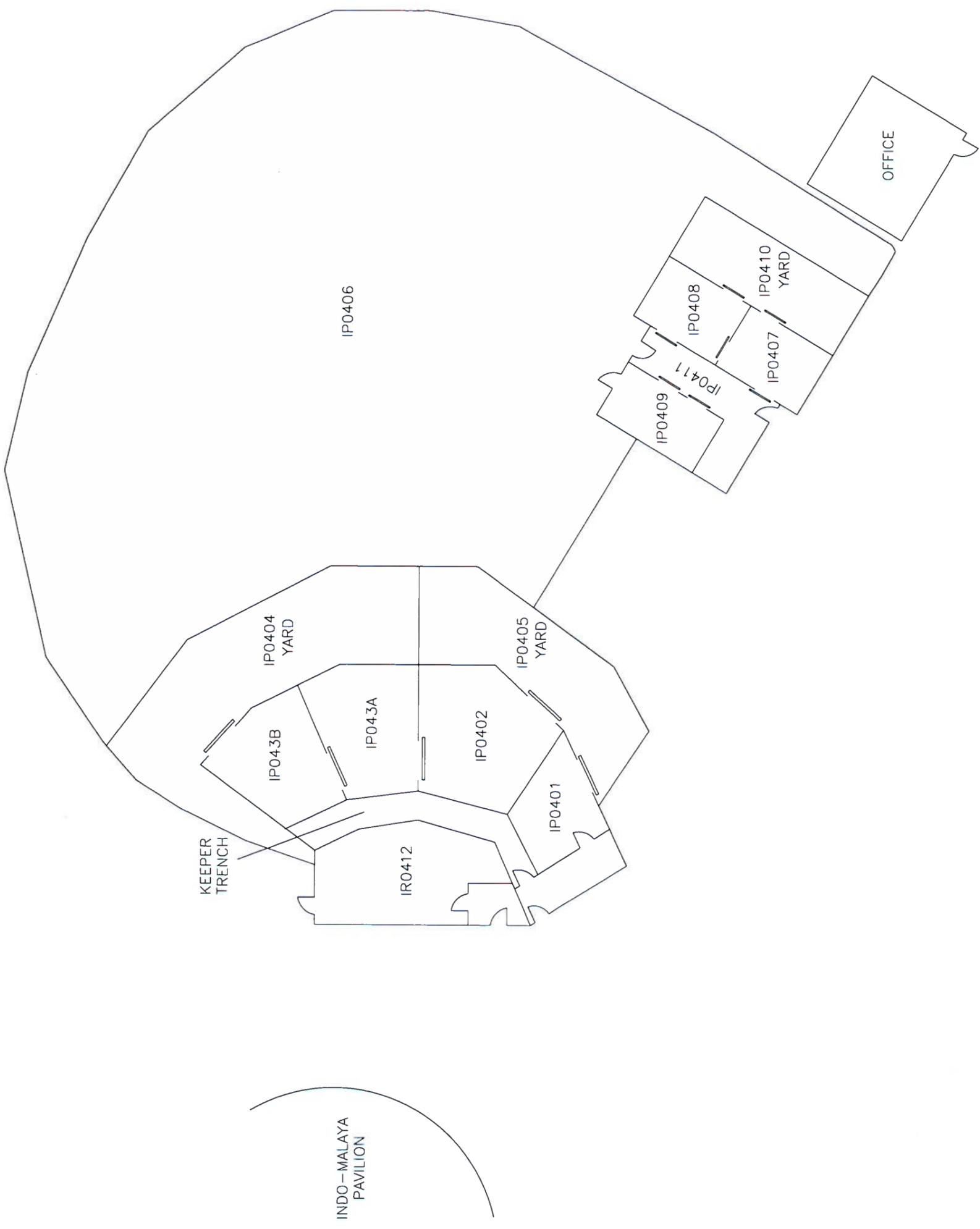
GAUR BUILDING

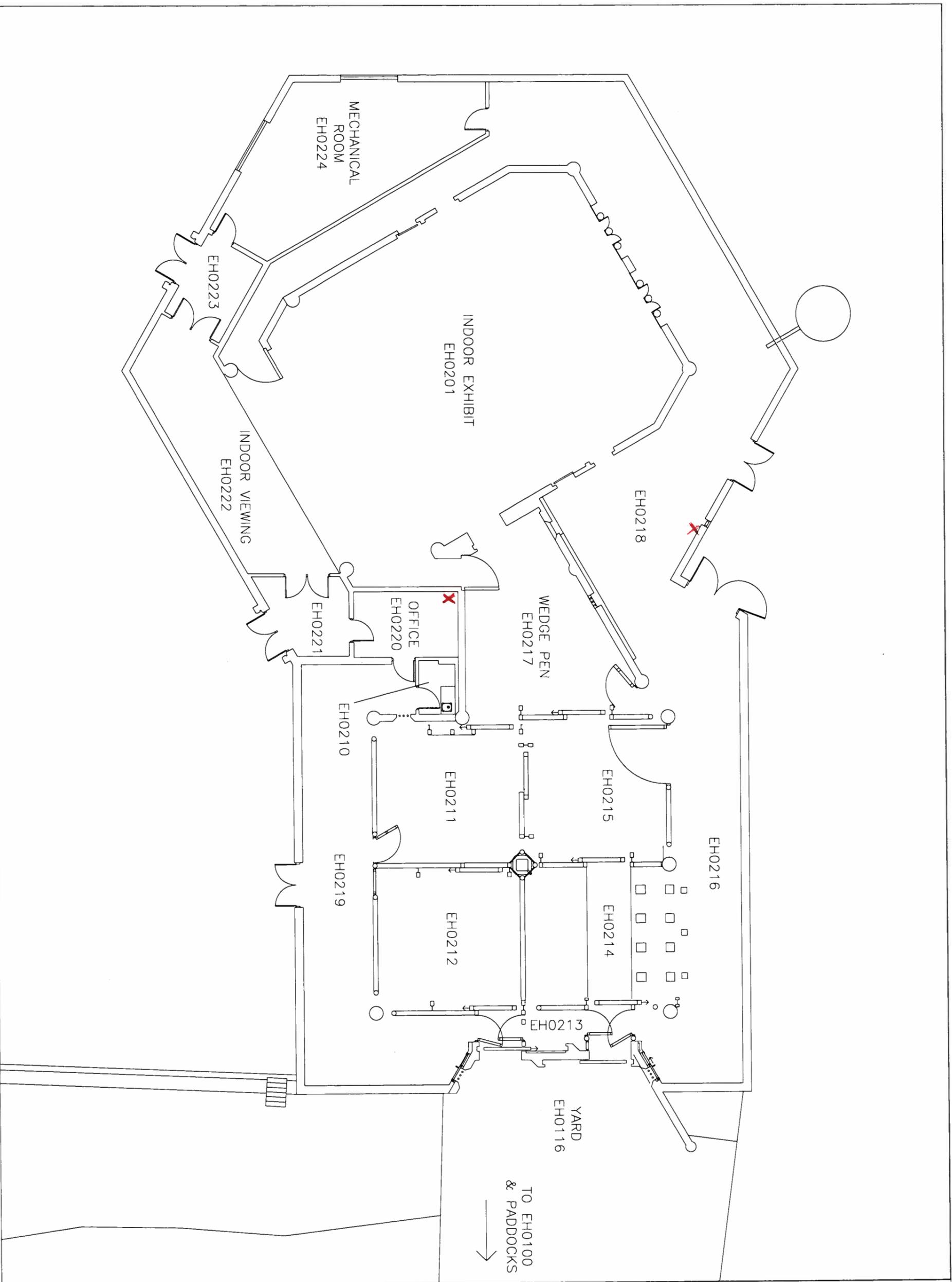
LAST UPDATED: 2009-02-01

SCALE: 1/16" = 1'-0"

DRAWING #

IP0400





TO EH0100
& PADDOCKS
→



toronto
ZOO

ZOO COMPLEX S.I.C.

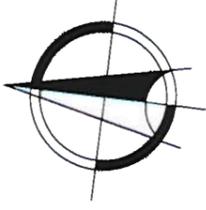
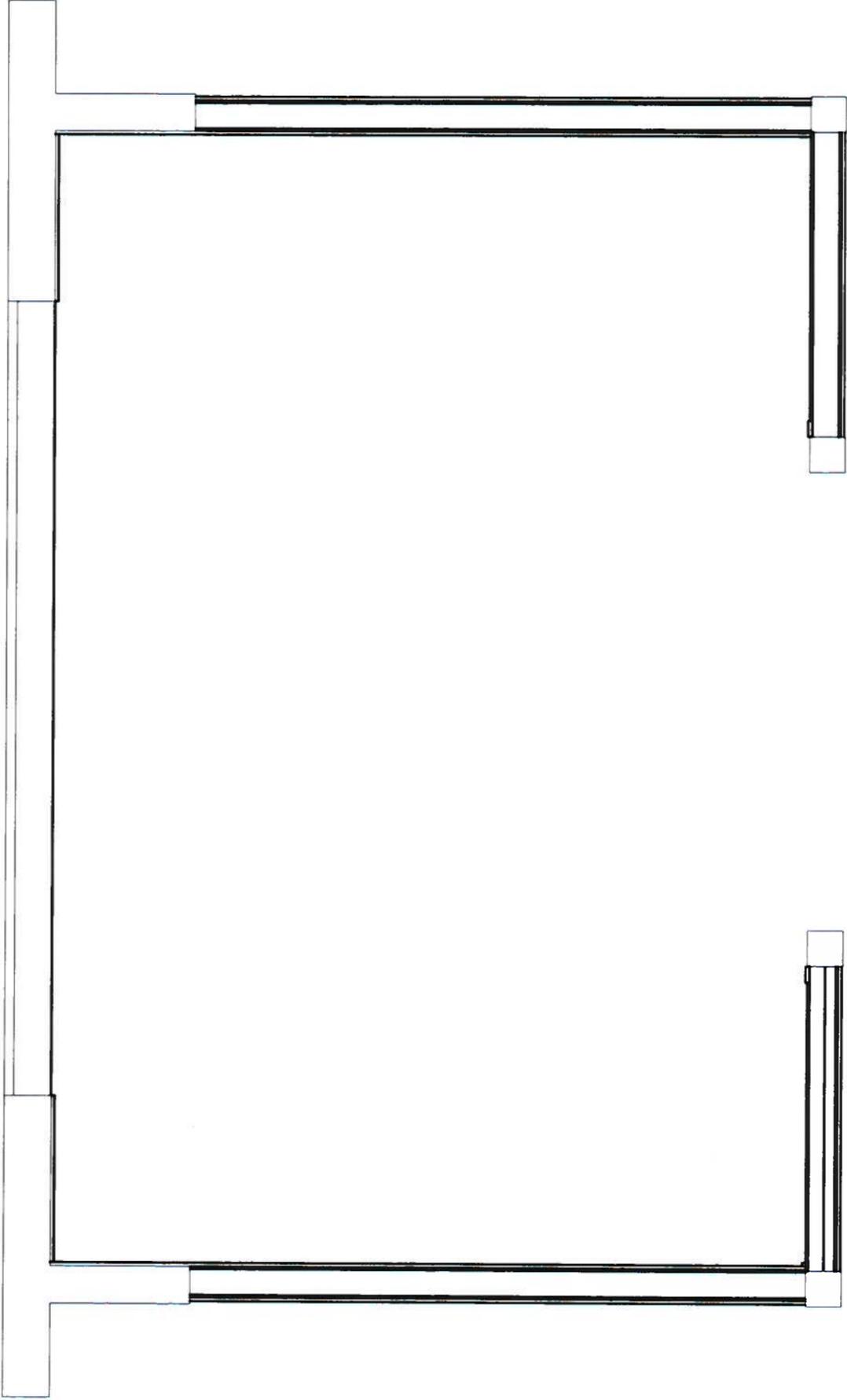
GIRAFFE HOUSE

LAST UPDATED: 2014-10-28

SCALE: 1:150

DRAWING #

EH0200



toronto
ZOO

ZOO COMPLEX S.I.C.

GIANT PANDA VIEW SHELTER

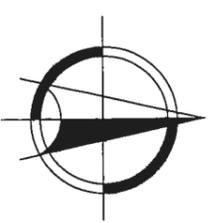
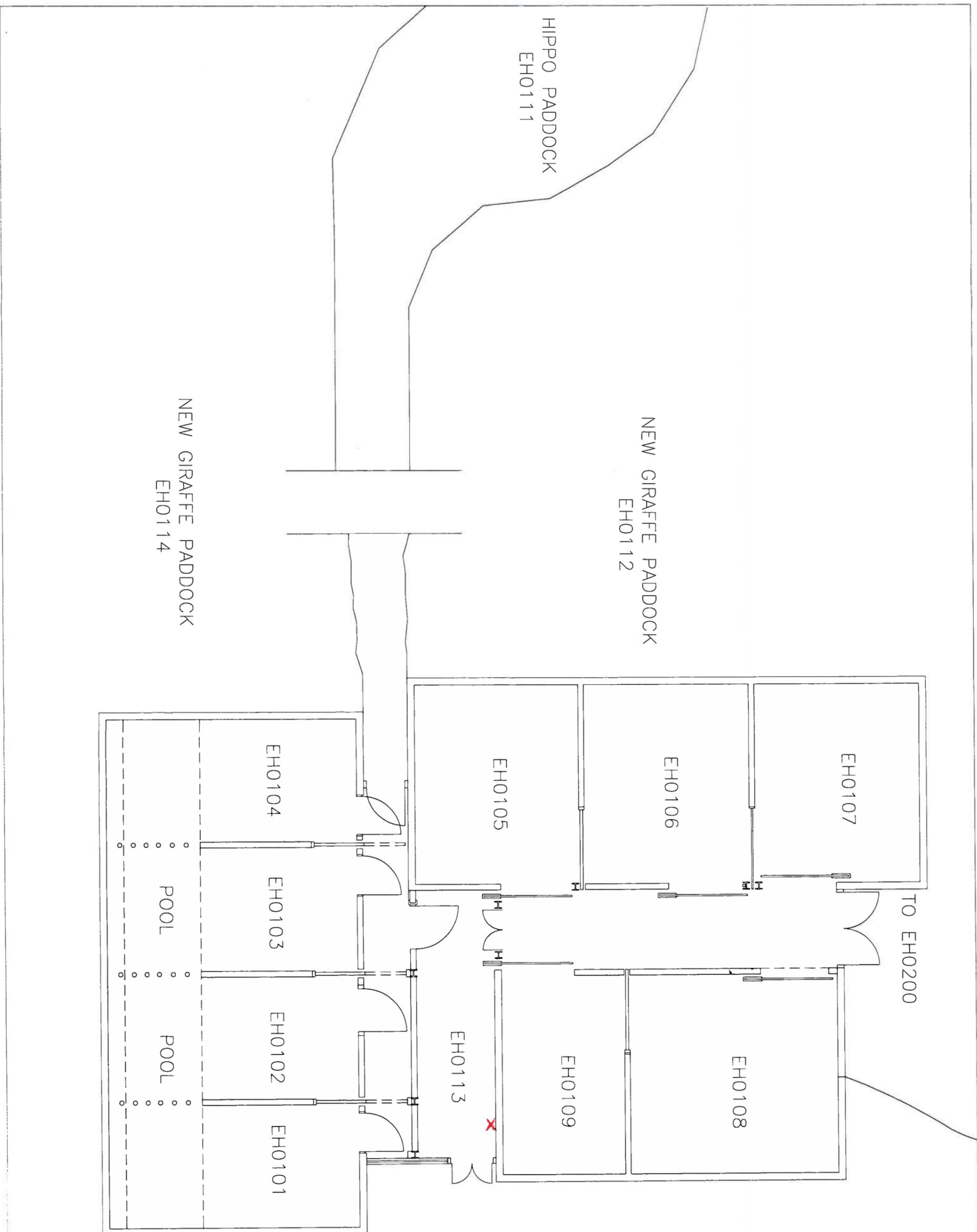
LAST UPDATED: 2016-05-20

SCALE: NTS

DRAWING #

EP2510





toronto
ZOO

ZOO COMPLEX S.I.C.

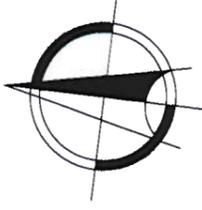
HIPPO HOUSE

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

EH0100



toronto
ZOO

ZOO COMPLEX S.I.C.

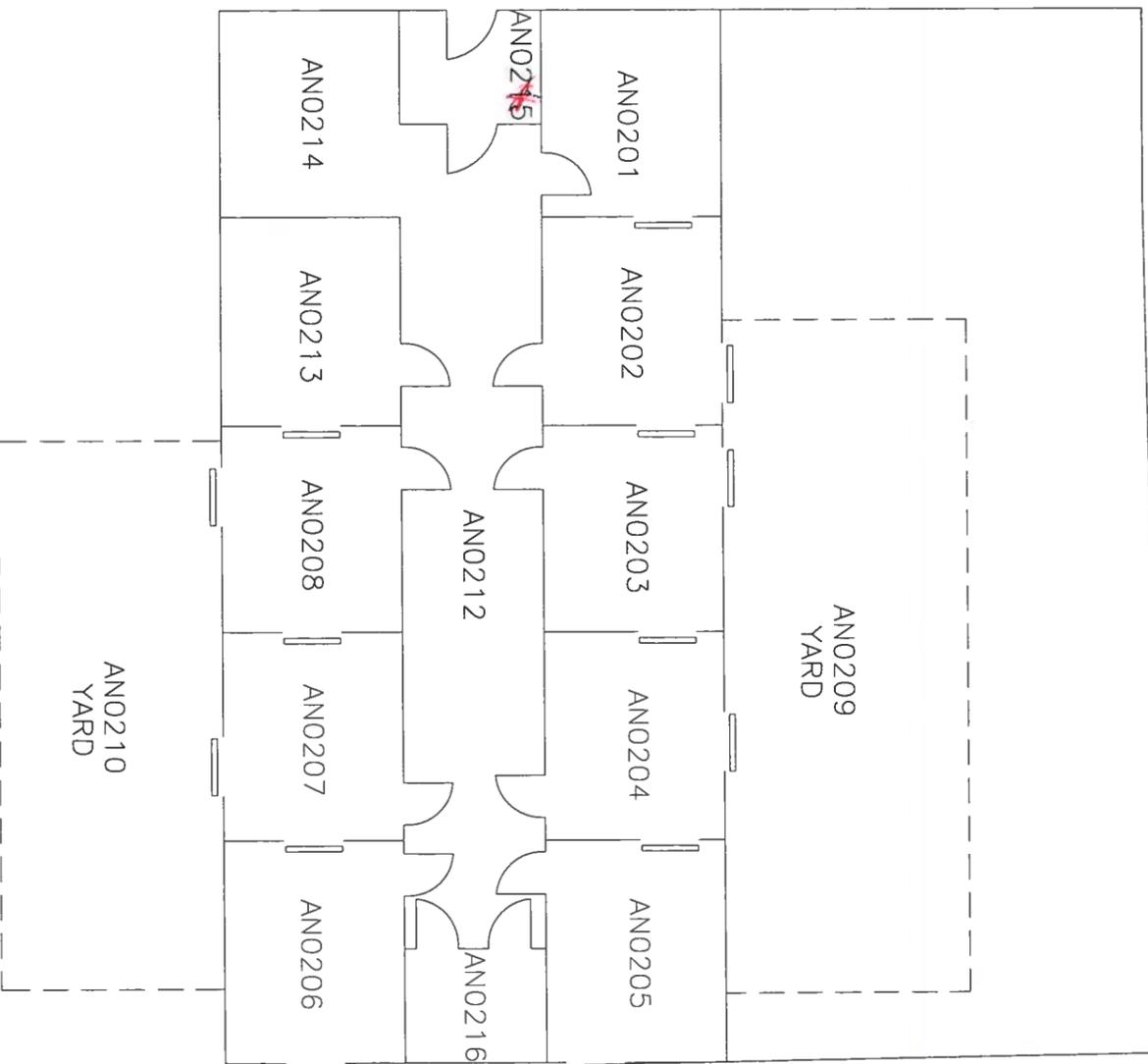
HIMALAYAN TAHR HOLDING

LAST UPDATED: 2015-11-06

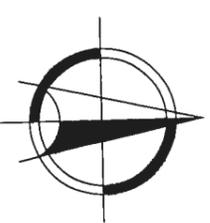
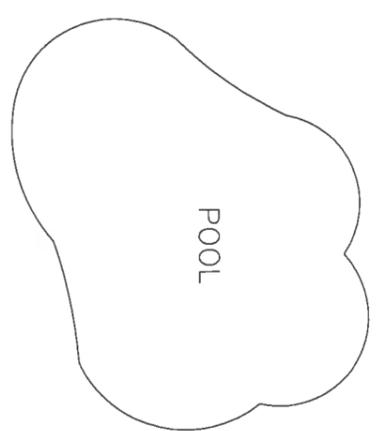
SCALE: NTS

DRAWING #

IPO100



ANO211
EXHIBIT



toronto
ZOO

ZOO COMPLEX S.I.C.

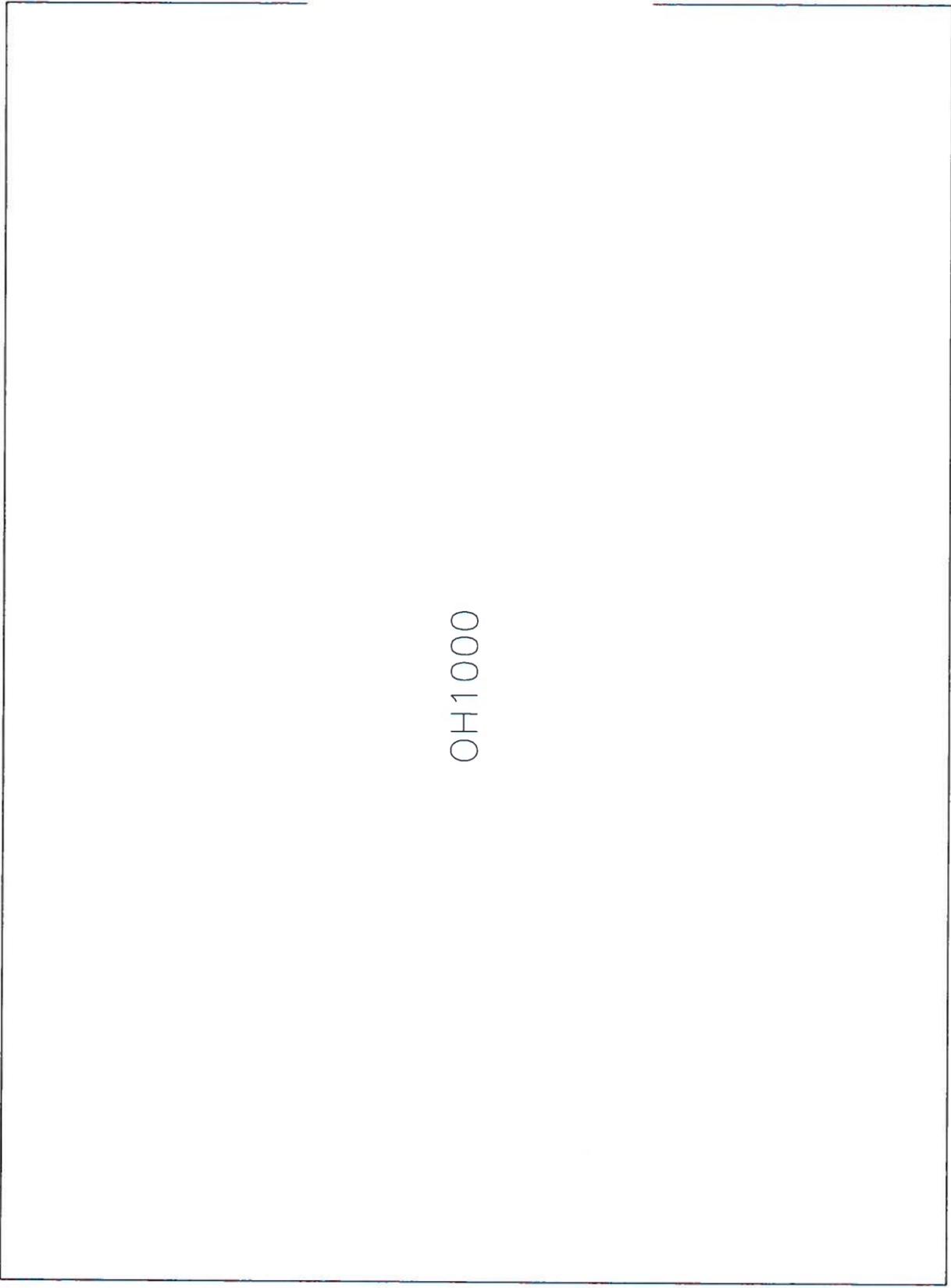
HYENA BUILDING

LAST UPDATED: 2009-02-01

SCALE: 1/8" = 1'-0"

DRAWING #

ANO200



OH1000



toronto
ZOO

ZOO COMPLEX S.I.C.

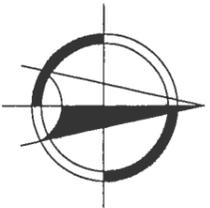
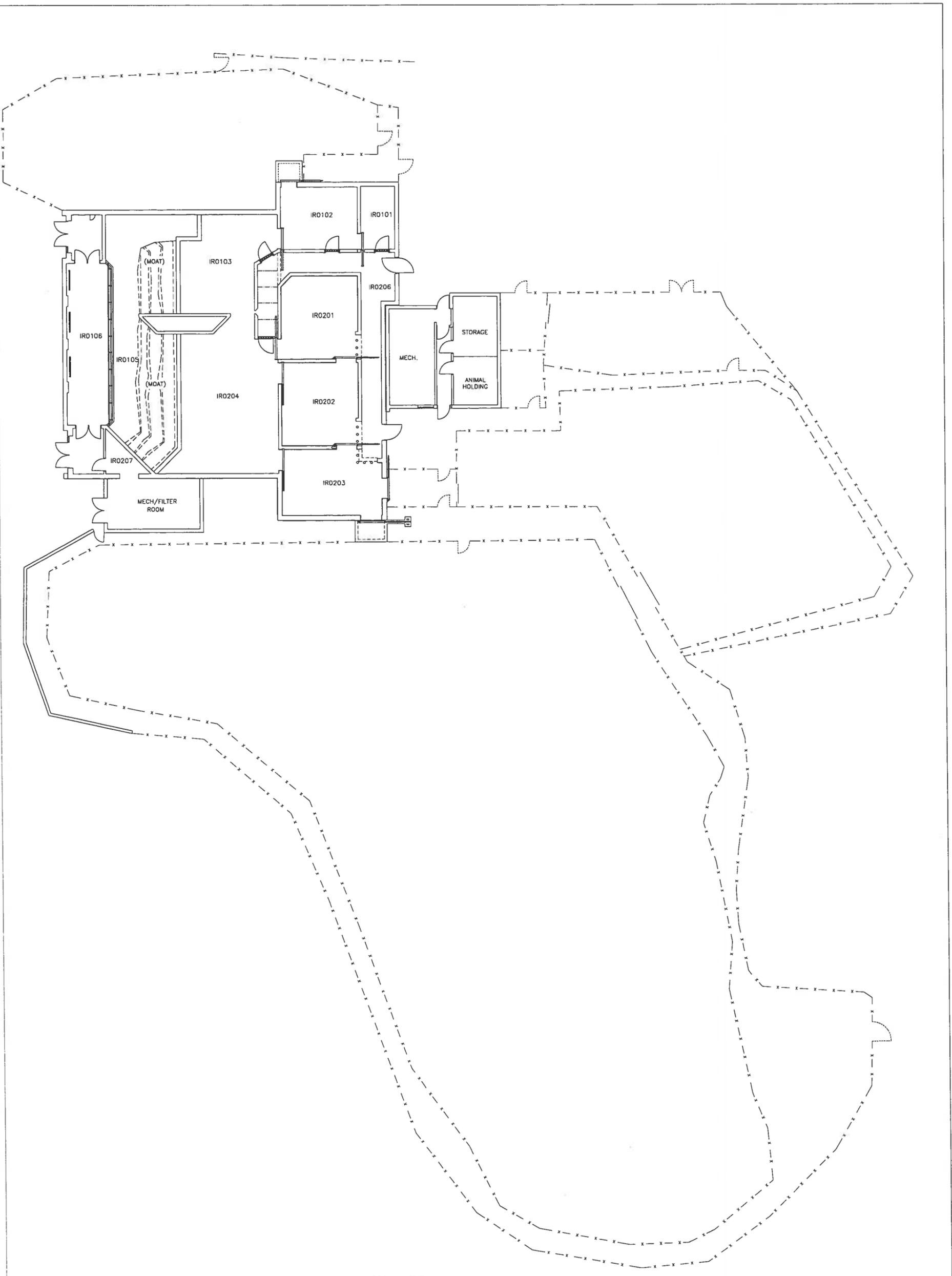
HORTICULTURE STORAGE SHED

LAST UPDATED: 2016-06-01

SCALE: NTS

DRAWING #

OH1000



toronto
ZOO

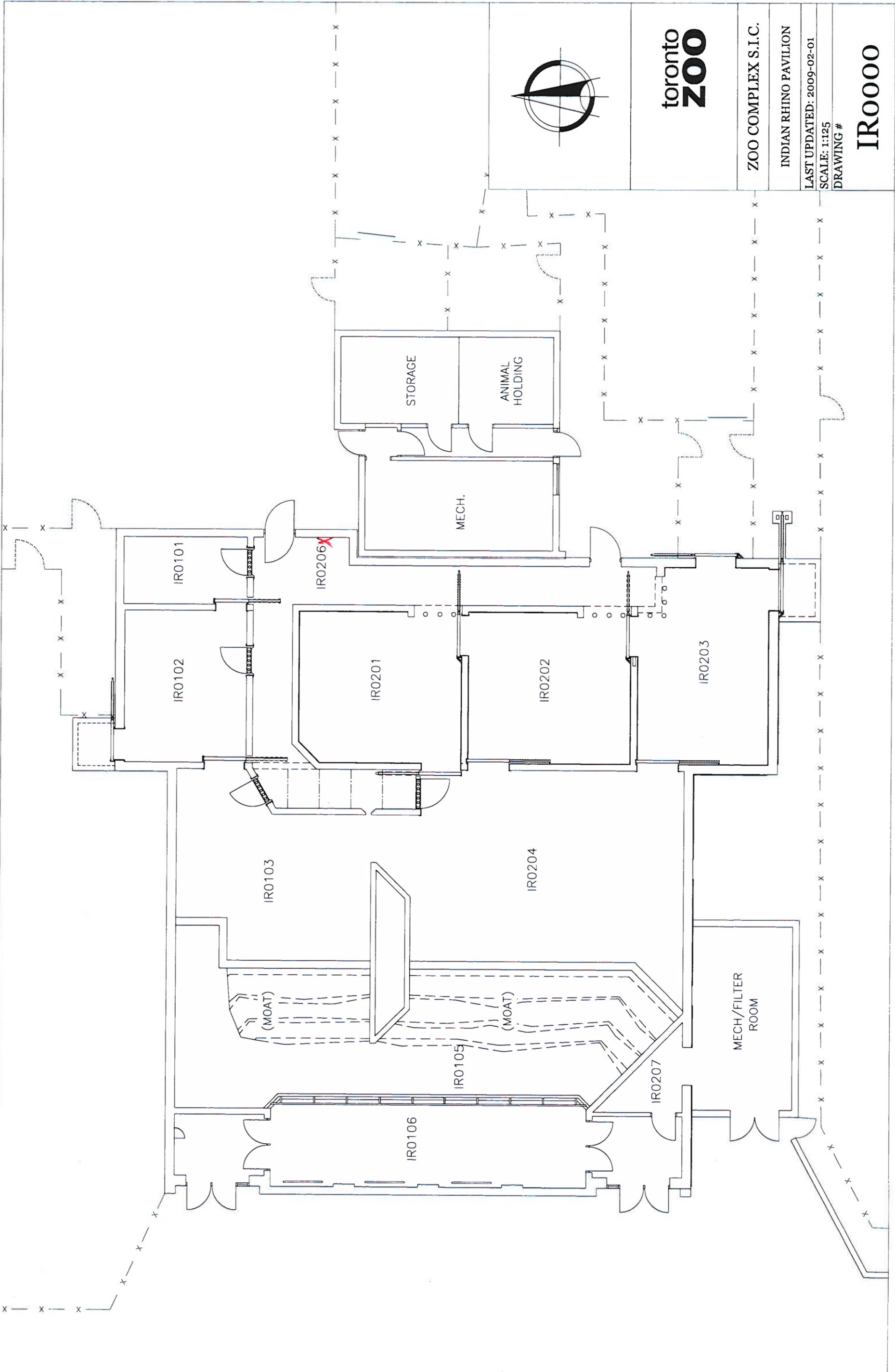
ZOO COMPLEX S.I.C.

INDIAN RHINO PAVILION

LAST UPDATED: 2009-02-01

SCALE: 1:125

DRAWING #
IR0000



toronto
ZOO

ZOO COMPLEX S.I.C.

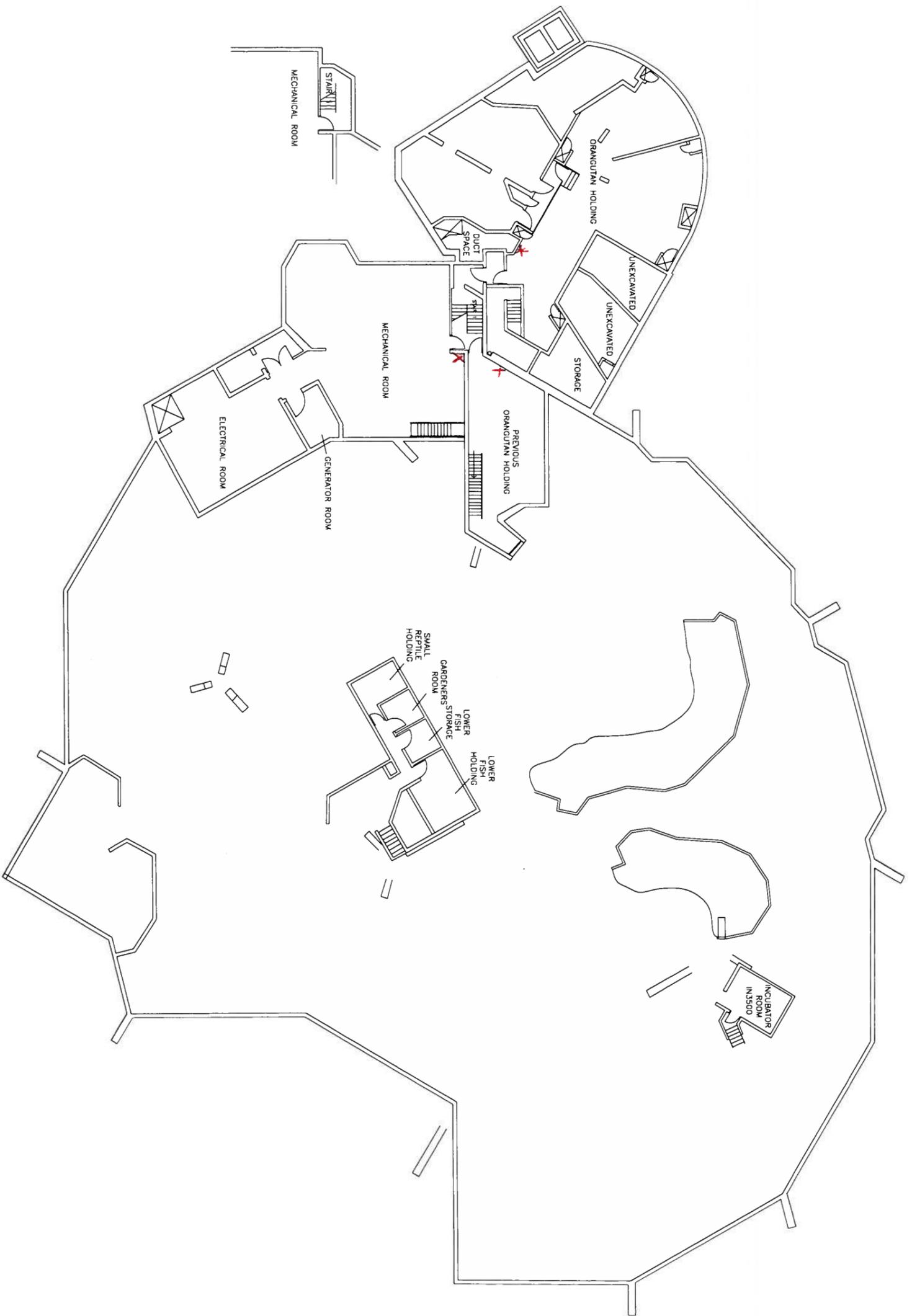
INDIAN RHINO PAVILION

LAST UPDATED: 2009-02-01

SCALE: 1:125

DRAWING #

IR0000



toronto
ZOO

ZOO COMPLEX S.I.C

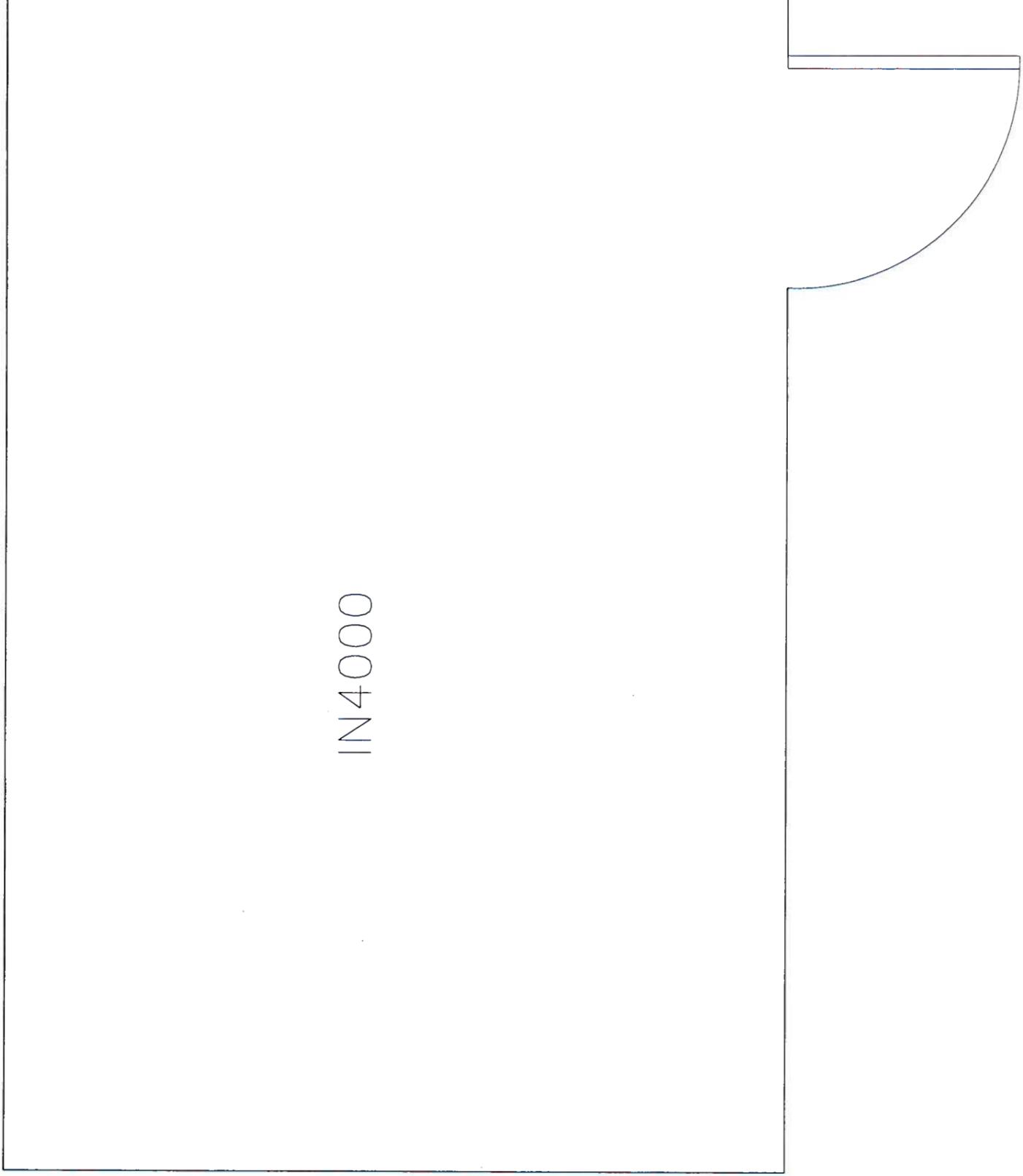
INDO-MALAYA PAVILION
BASEMENT

LAST UPDATED: 2009-02-01

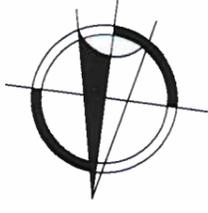
SCALE: NTS

DRAWING #

IN0000



IN4000



toronto
ZOO

ZOO COMPLEX S.I.C.

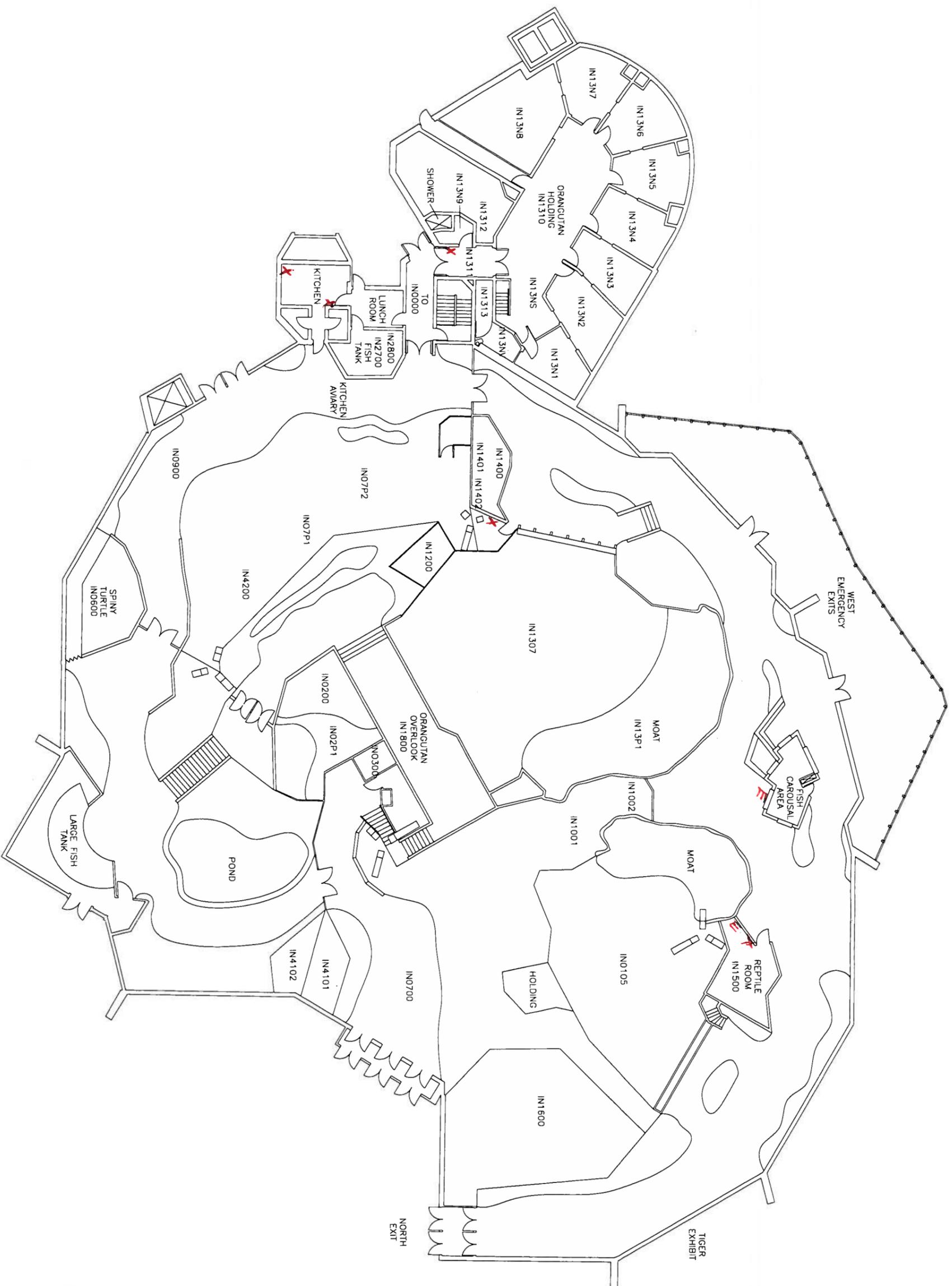
INDO SUPERVISOR OFFICE

LAST UPDATED: 2016-06-01

SCALE: NTS

DRAWING #

IN4000



toronto
ZOO

ZOO COMPLEX S.I.C.

INDOMALAYA PAVILION

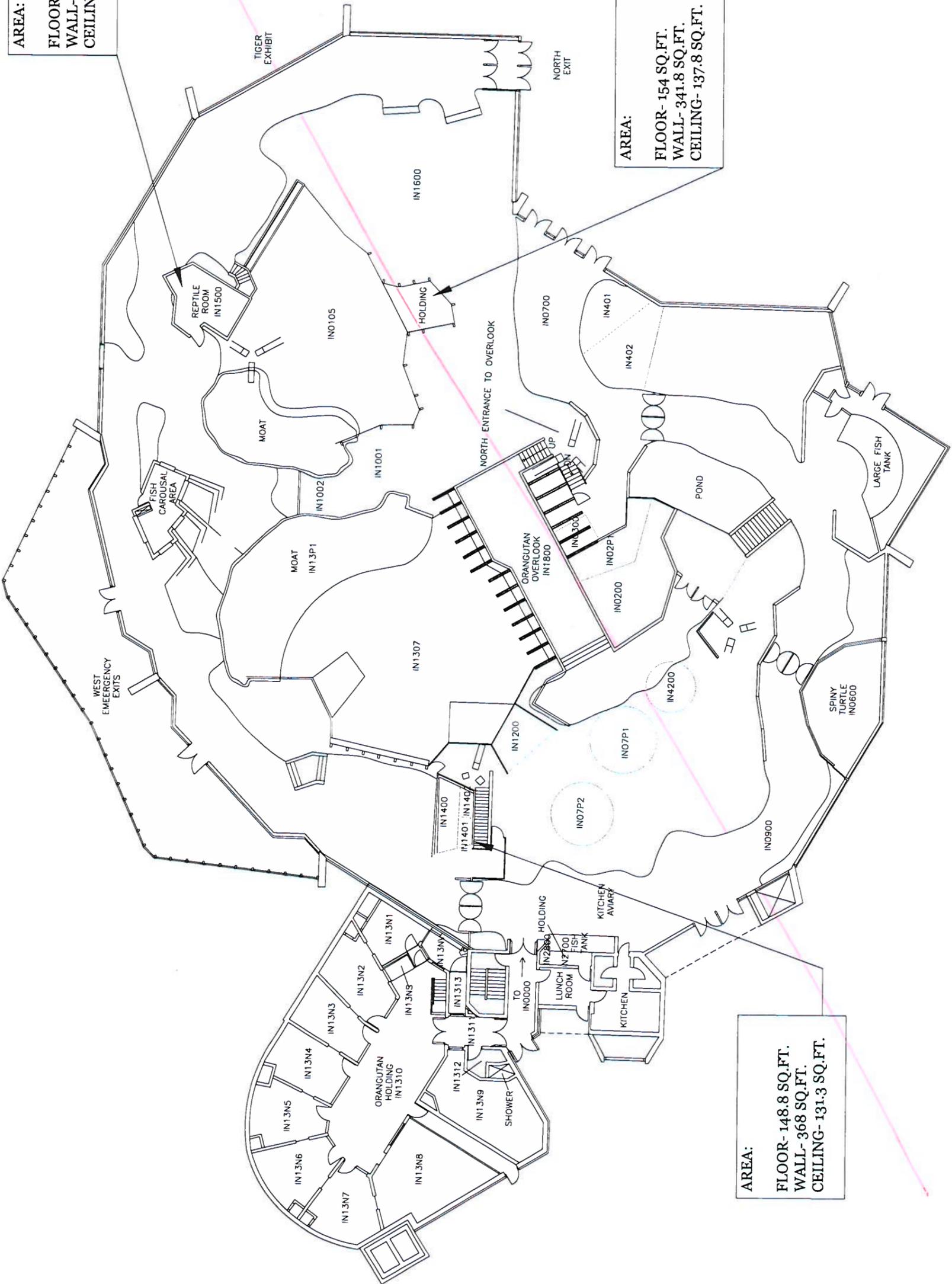
LAST UPDATED: 2014-12-09

SCALE: 1:300

DRAWING #

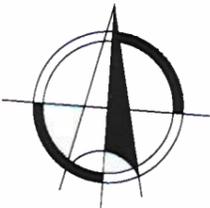
IN0000

AREA:
 FLOOR- 231 SQ.FT.
 WALL- 492.6 SQ.FT.
 CEILING- 211 SQ.FT.



AREA:
 FLOOR- 154 SQ.FT.
 WALL- 341.8 SQ.FT.
 CEILING- 137.8 SQ.FT.

AREA:
 FLOOR- 148.8 SQ.FT.
 WALL- 368 SQ.FT.
 CEILING- 131.3 SQ.FT.



toronto
ZOO

ZOO COMPLEX S.I.C.

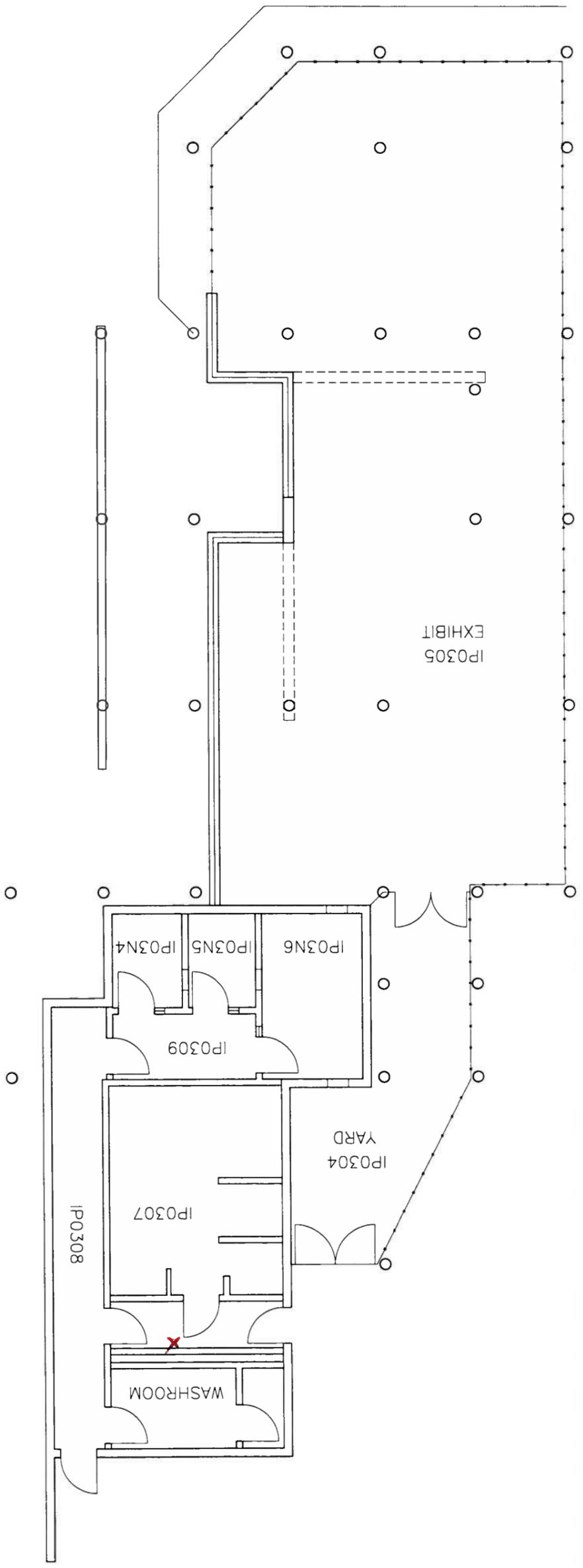
INDO-MALAYA PAVILION -
 GROUND FLOOR

LAST UPDATED: 2009-02-01

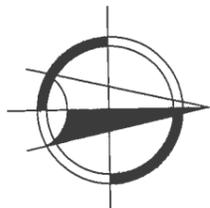
SCALE: NTS

DRAWING #

IN0000



*Clouded Leopard
House*



toronto
ZOO

ZOO COMPLEX S.I.C.

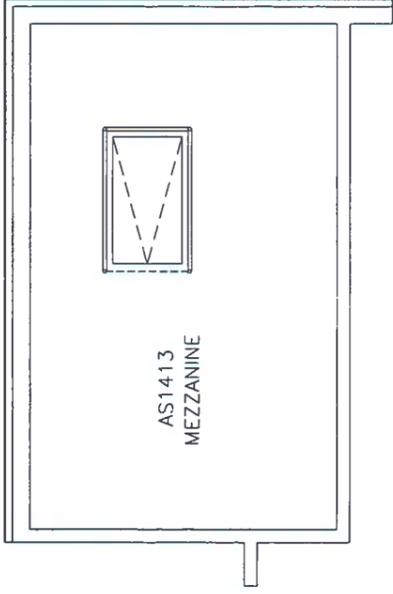
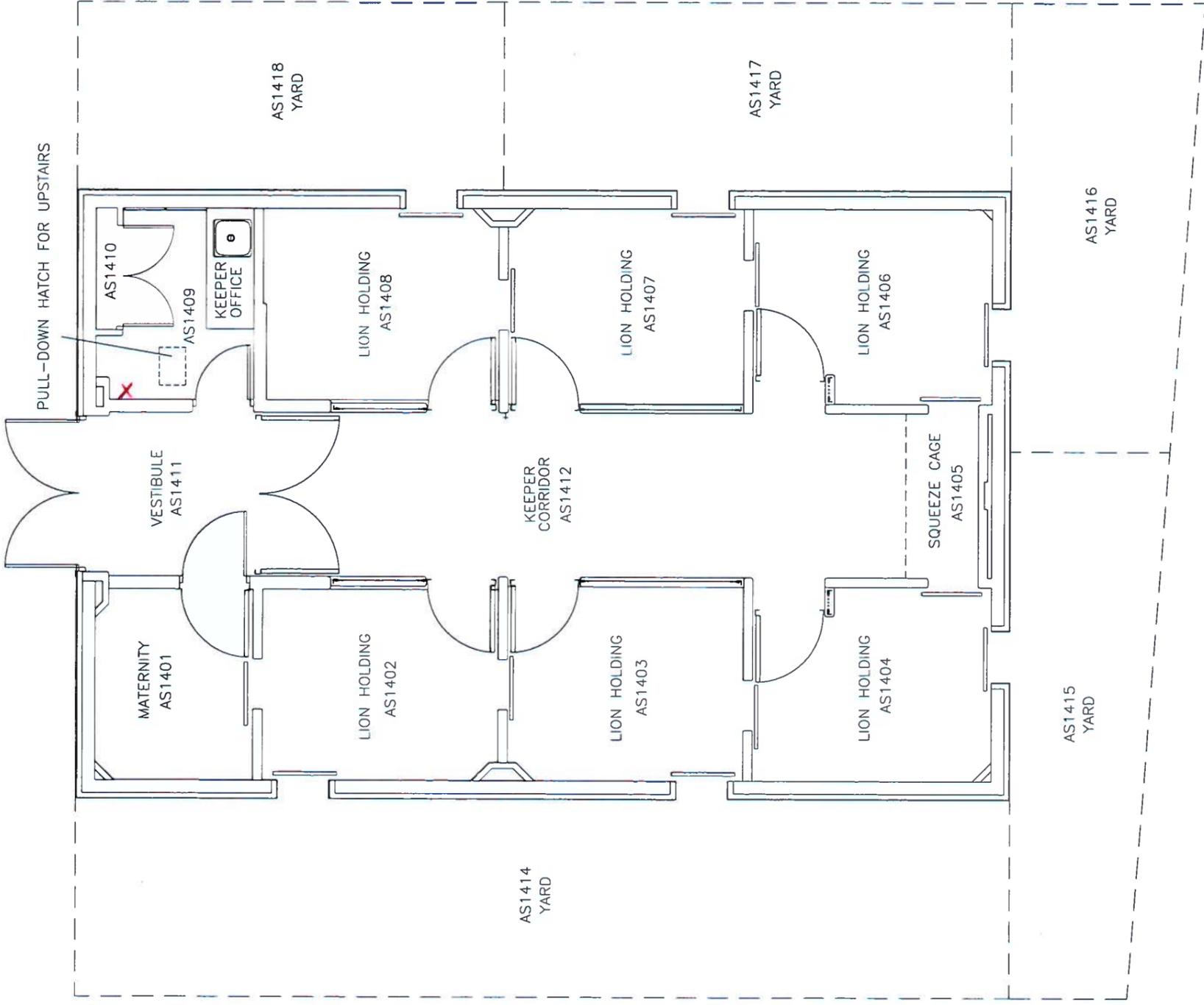
LION-TAILED MACAQUE
HOLDING & EXHIBIT

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

IP0300



toronto
ZOO

ZOO COMPLEX S.I.C.

LION HOUSE

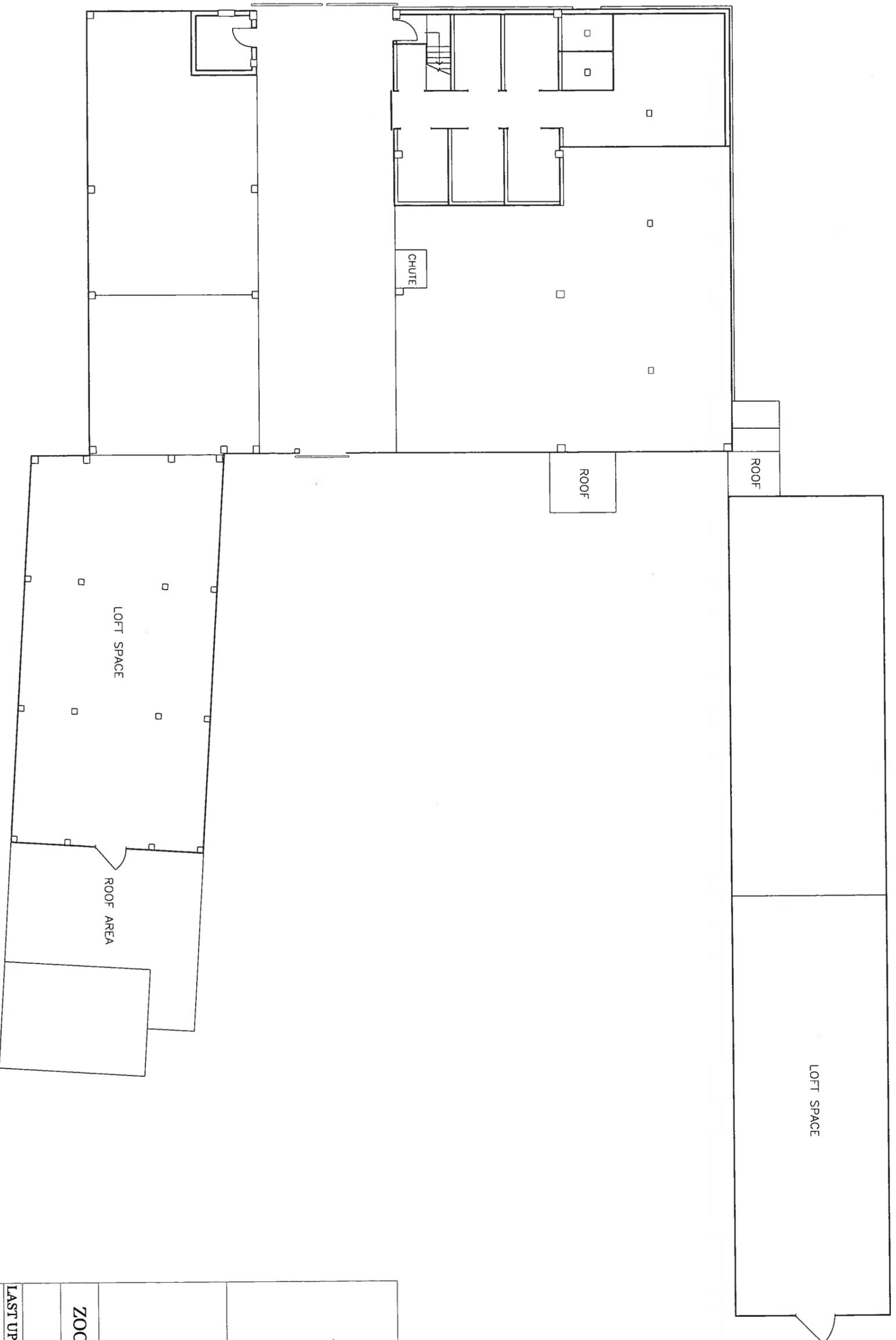
LAST UPDATED: 2009-02-01

SCALE: 1:75

DRAWING #

AS1400

AS1419
TO EXHIBIT
↓



toronto
ZOO

ZOO COMPLEX S.I.C.

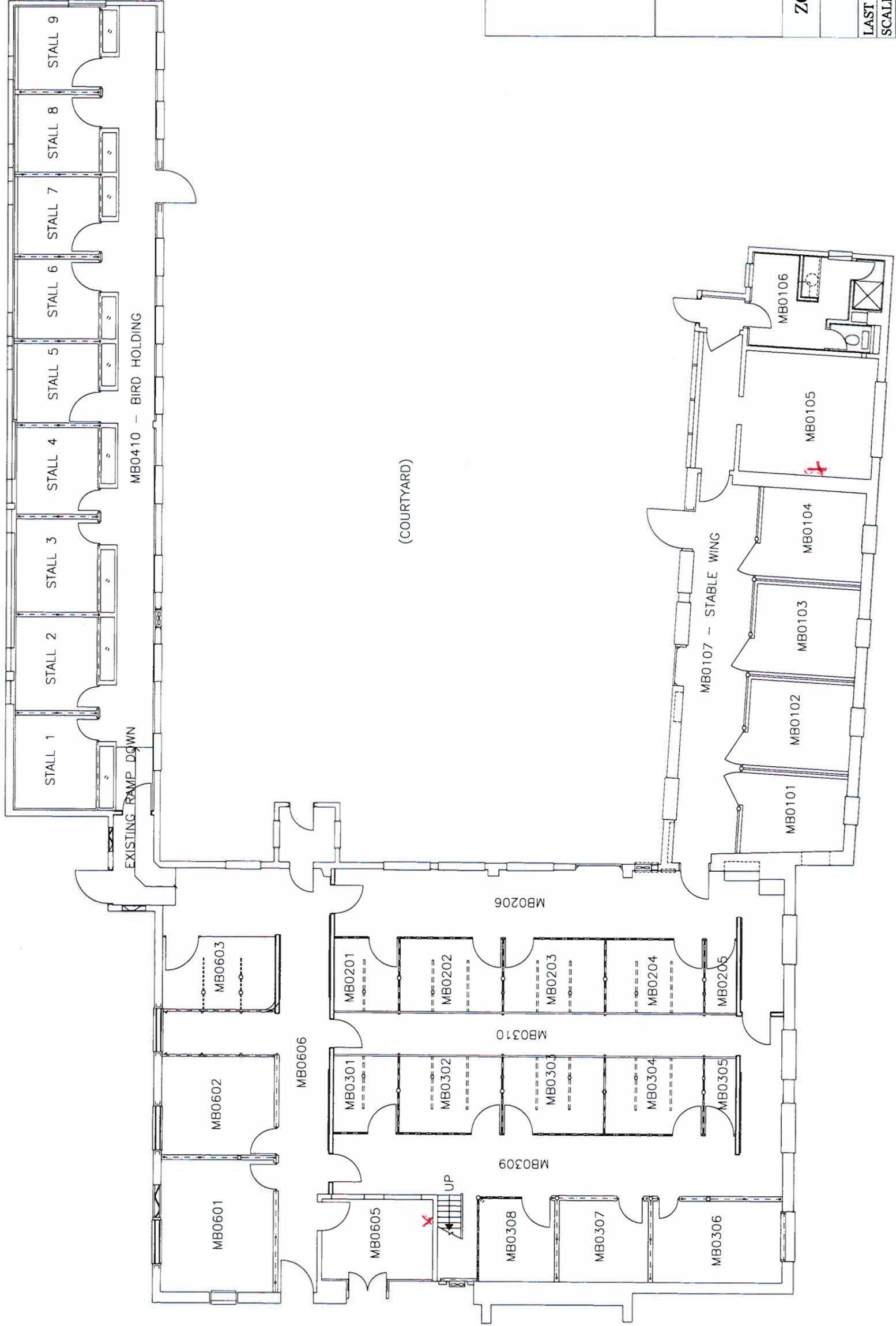
MAIN BARN -
SECOND FLOOR

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

MB0000



toronto
ZOO

ZOO COMPLEX S.I.C.

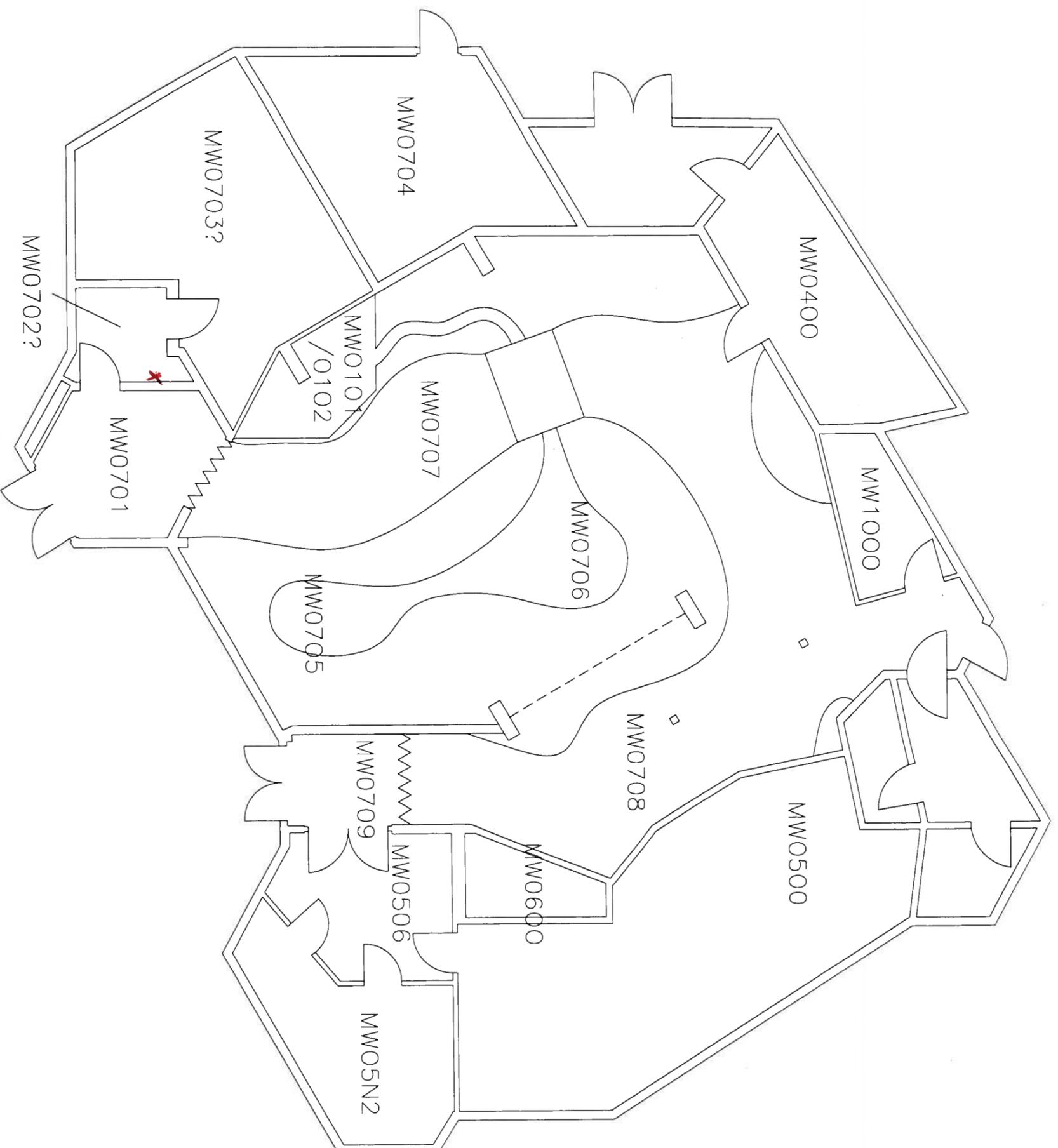
MAIN BARN -
FIRST FLOOR

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

MB0000



toronto
ZOO

ZOO COMPLEX S.I.C.

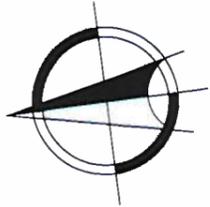
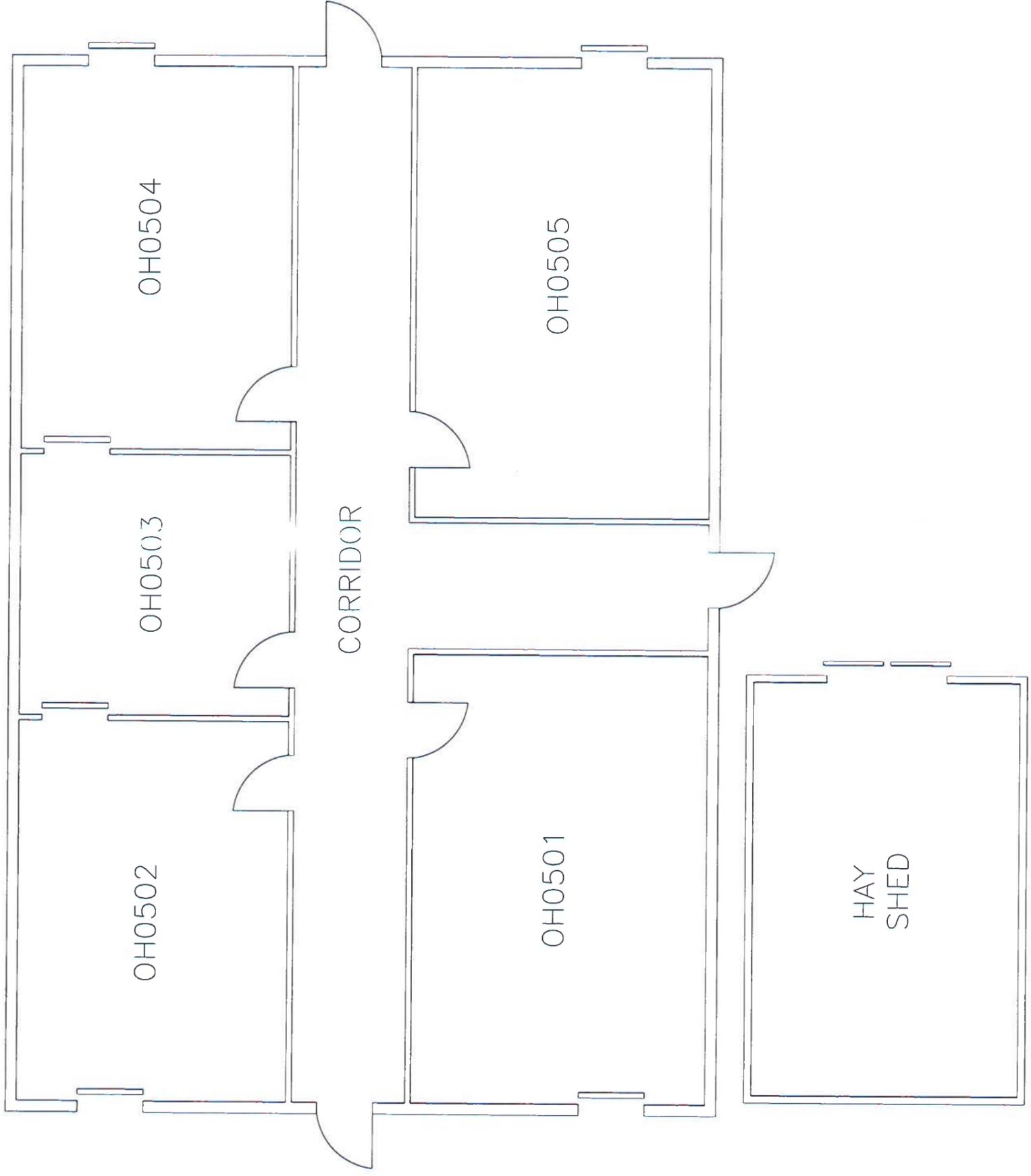
MALAYAN WOODS PAVILION

LAST UPDATED: 2016-01-11

SCALE: NTS

DRAWING #

MW0000



toronto
ZOO

ZOO COMPLEX S.I.C.

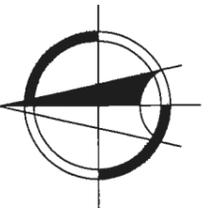
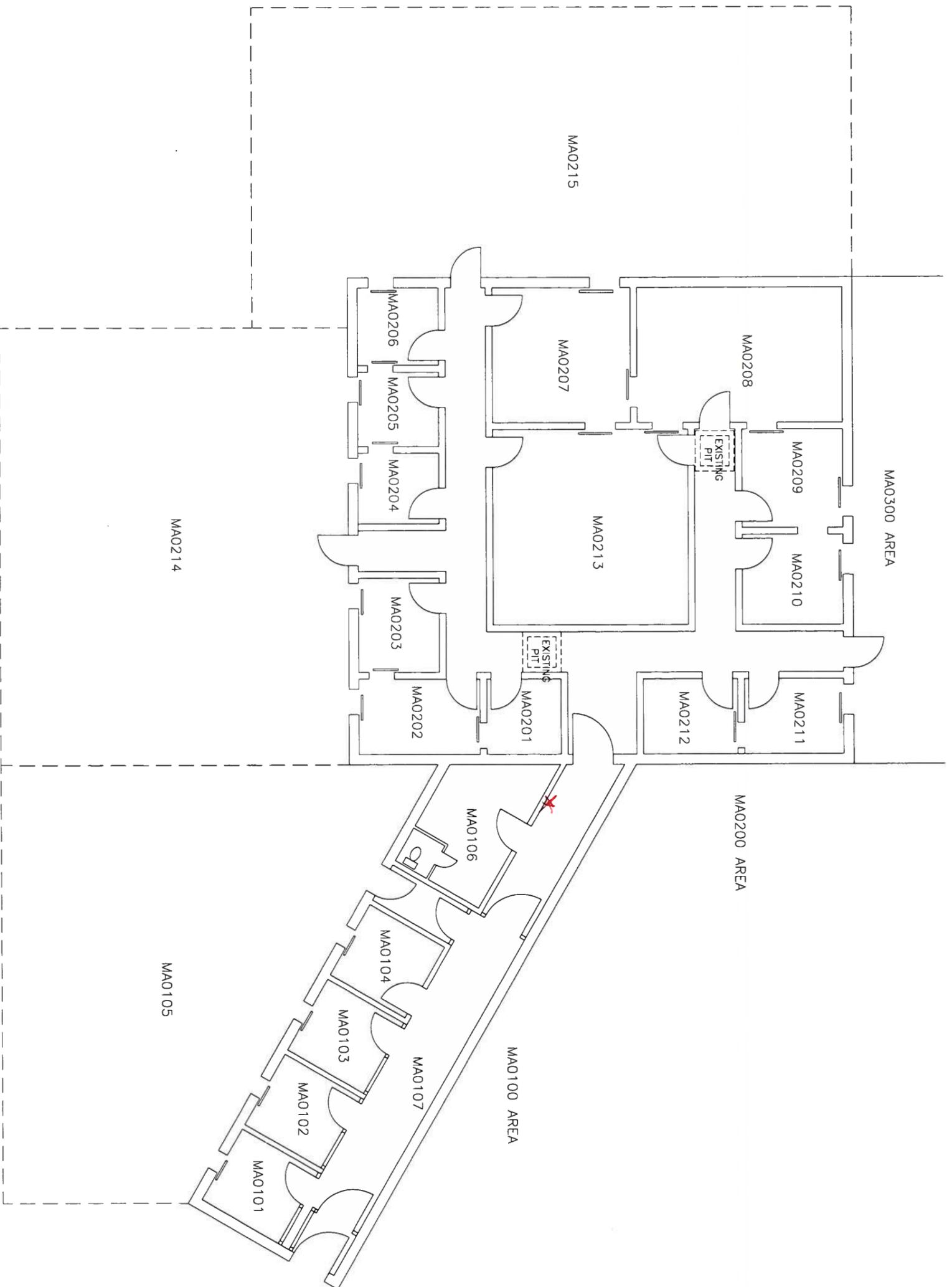
MAIN QUONSET HOUSE

LAST UPDATED: 2009-02-01

SCALE: 3/16" = 1'-0"

DRAWING #

OH0500



Toronto
ZOO

ZOO COMPLEX S.I.C.

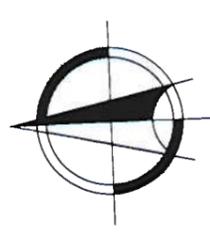
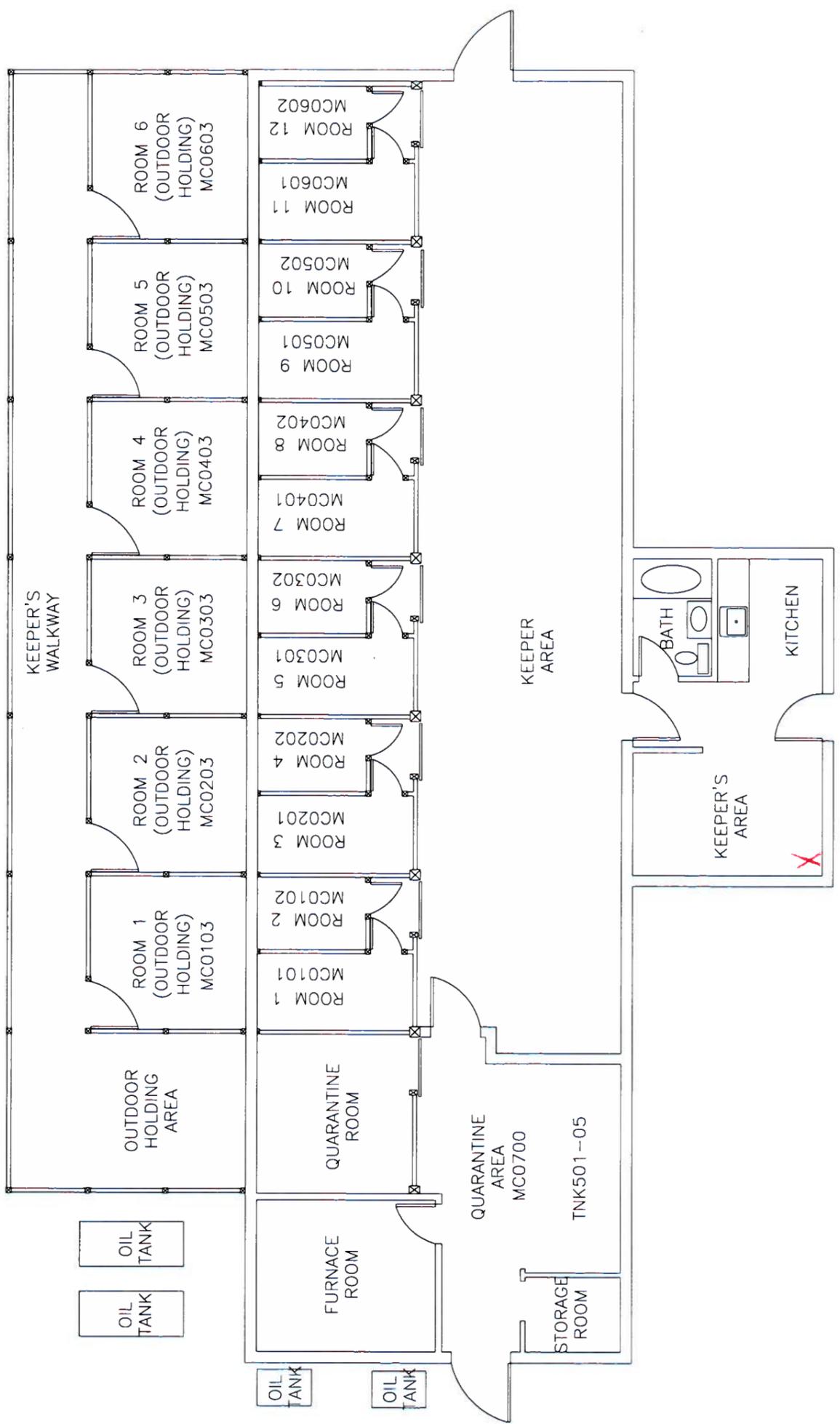
MAYAN TEMPLE

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

MA0000



toronto
ZOO

ZOO COMPLEX S.I.C.

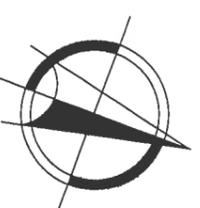
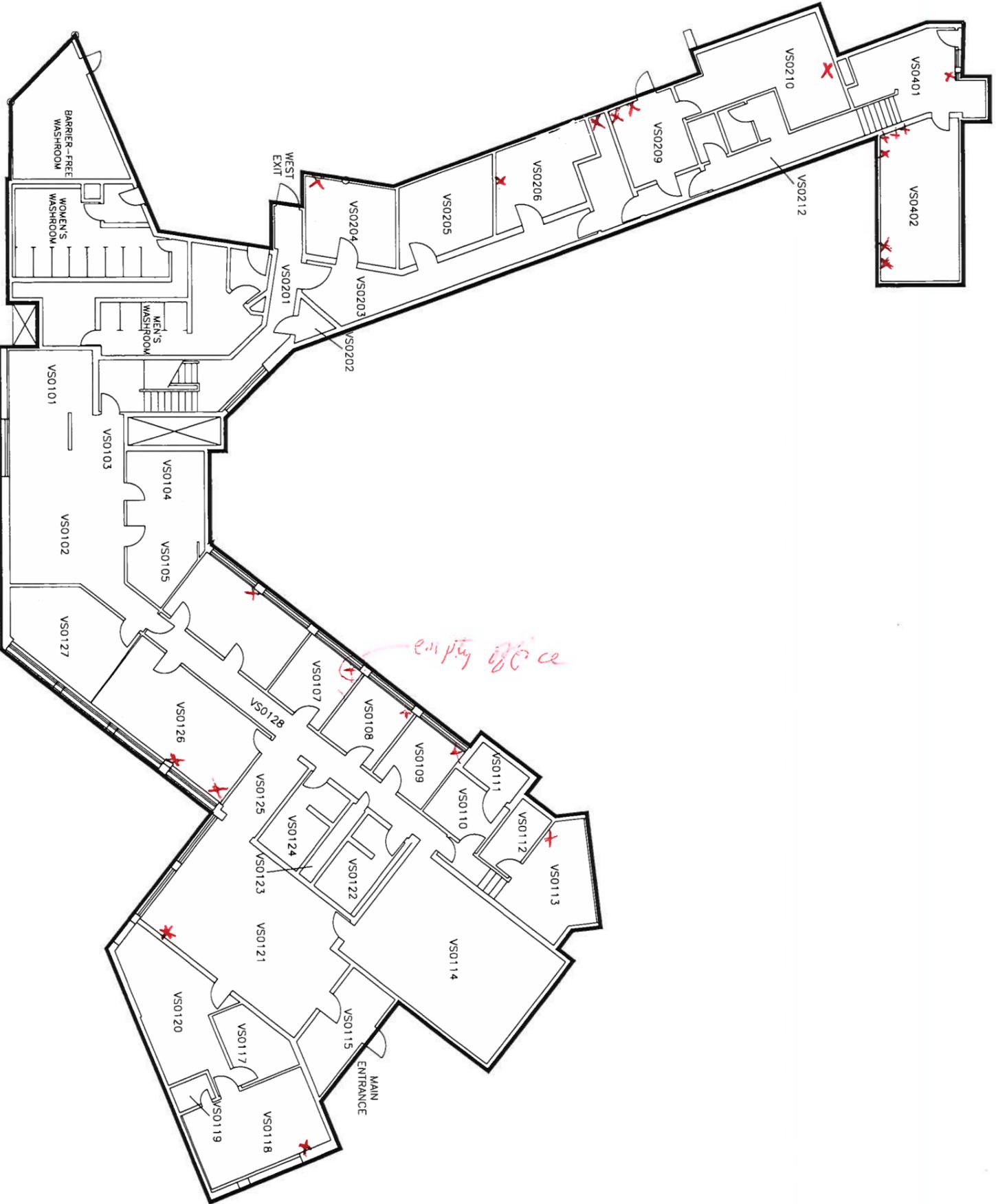
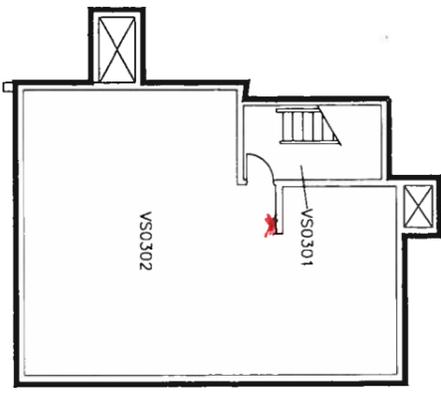
MARMOTS BREEDING BARN

LAST UPDATED: 2014-10-28

SCALE: 1/8" = 1'-0"

DRAWING #

MC0000



toronto
ZOO

ZOO COMPLEX S.I.C.

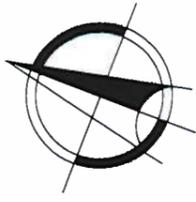
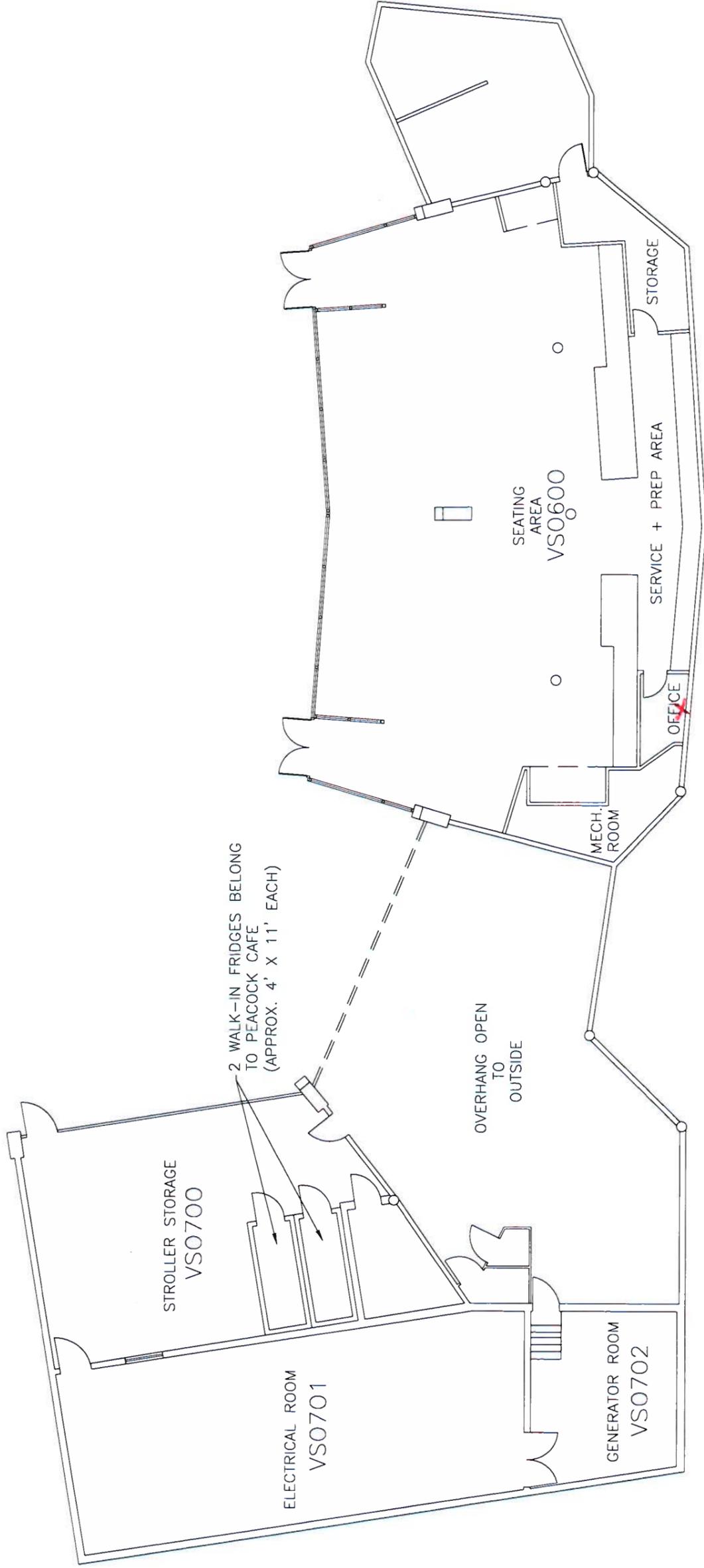
MEMBERS AND VISITOR'S
CENTRE

LAST UPDATED: 2009-02-01

SCALE: NTS

DRAWING #

VS0000



toronto
ZOO

ZOO COMPLEX S.I.C.

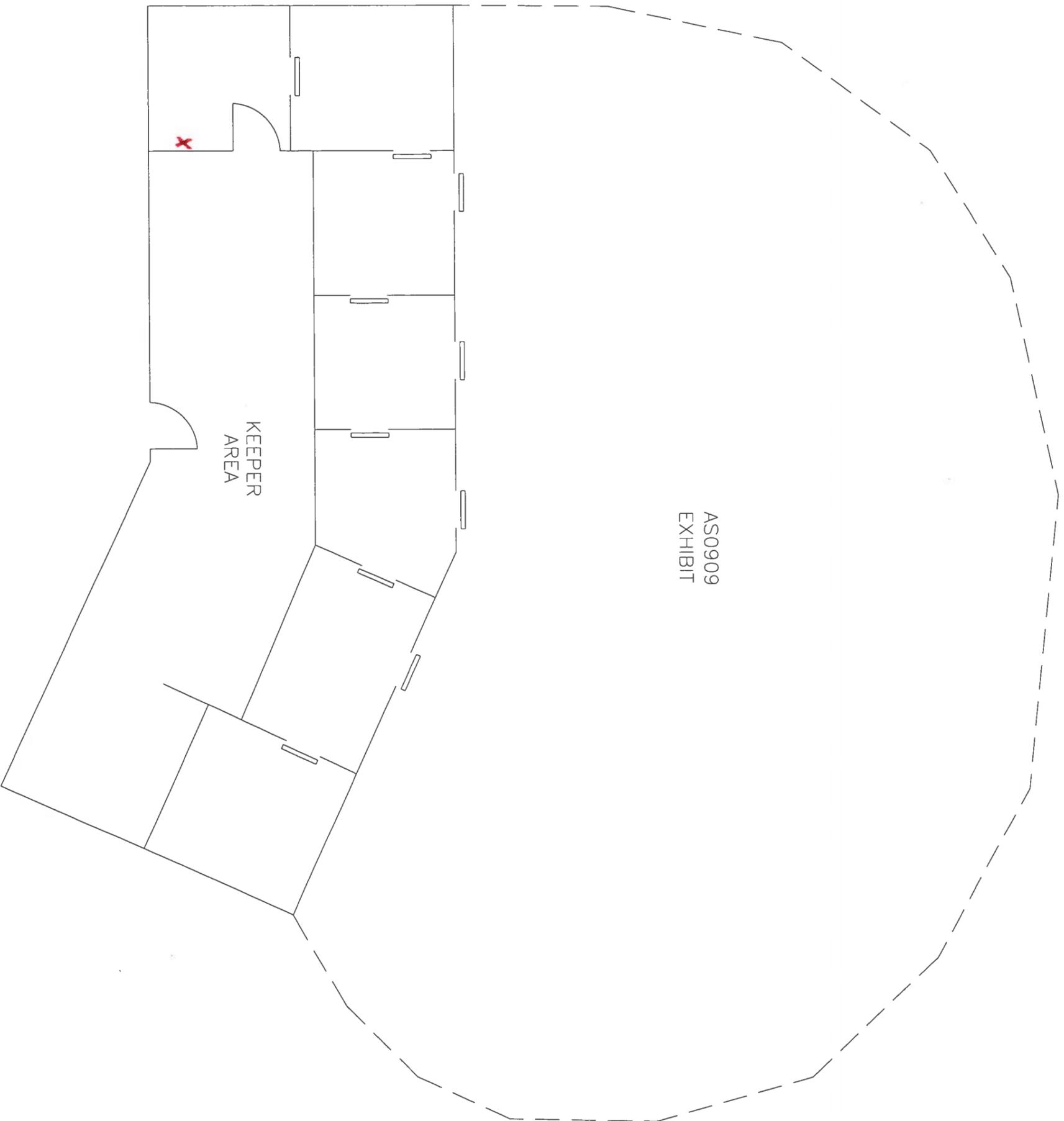
MEMBERS AND GUEST CENTRE -
(PEACOCK CAFE)

LAST UPDATED: 2016-1-11

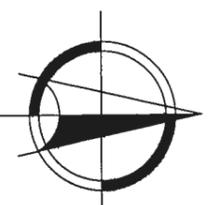
SCALE: NTS

DRAWING #

VS0600



AS0909
EXHIBIT



Toronto
ZOO

ZOO COMPLEX S.I.C.

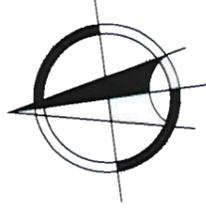
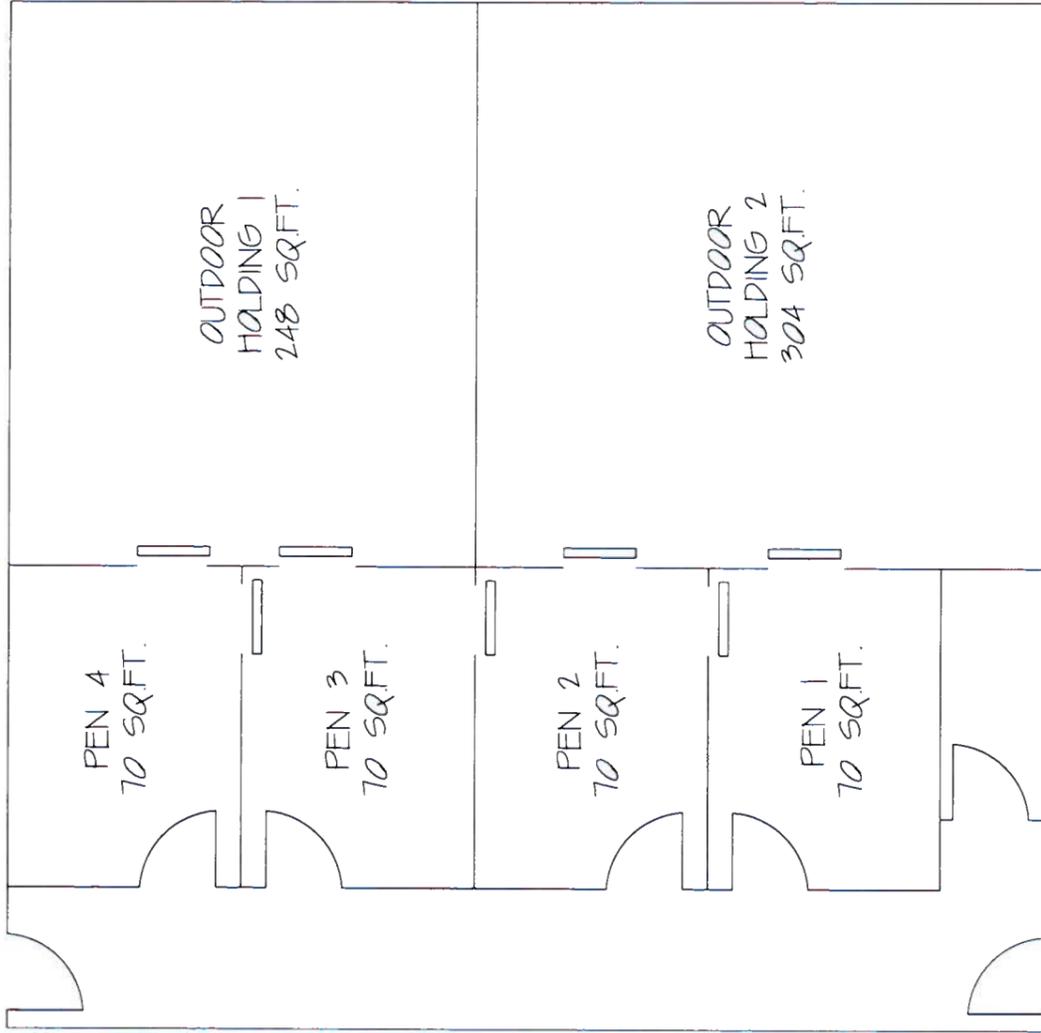
OLD BABOON
HOLDING & EXHIBIT

LAST UPDATED: 2009-02-01

SCALE: 3/16" = 1'-0"

DRAWING #

AS0900



toronto
ZOO

HOLDING SIZES

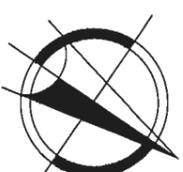
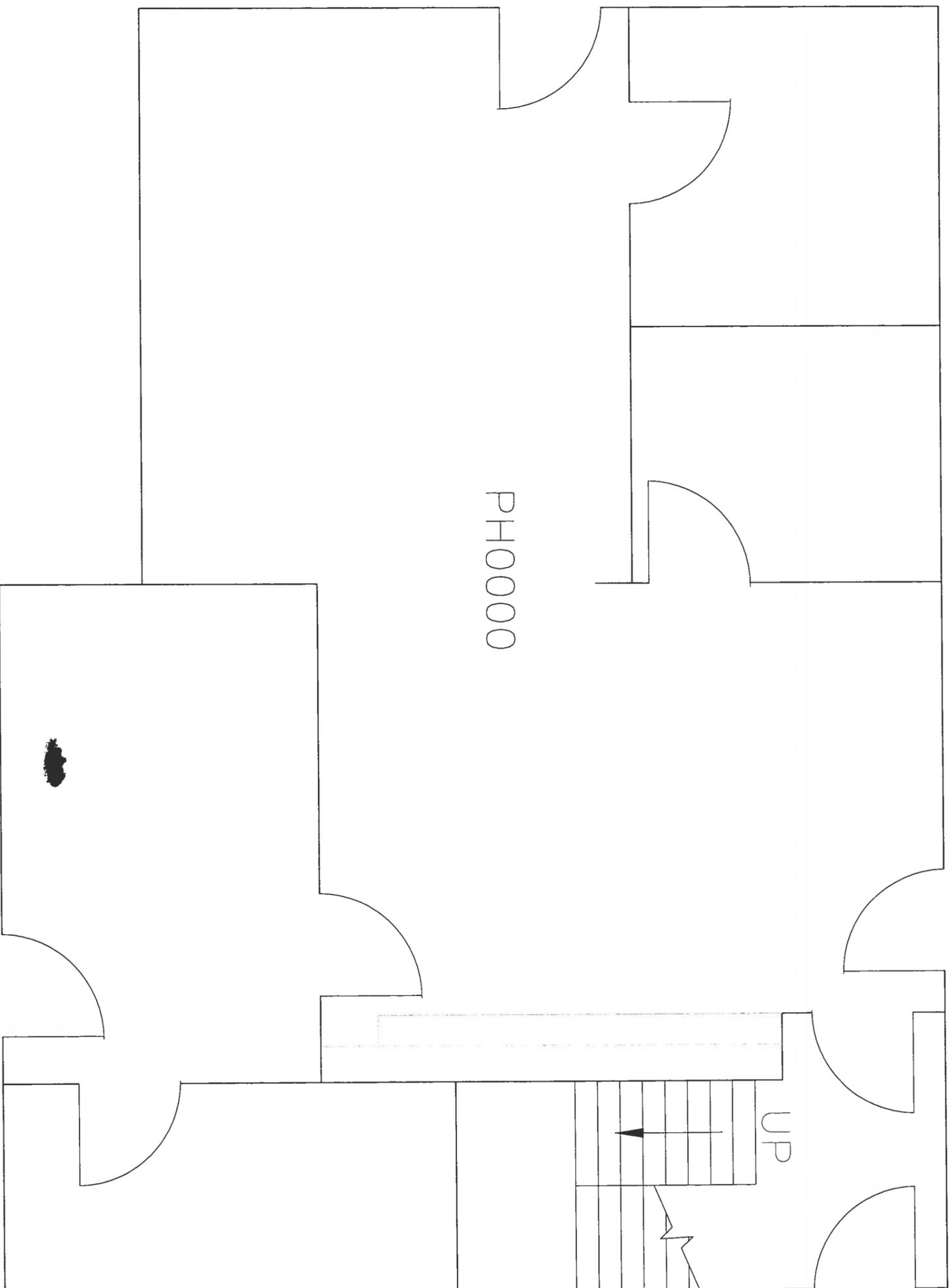
ORYX BUILDING

LAST UPDATED: 2014-12-09

SCALE: 3/16" = 1'-0"

DRAWING #

EP1600



toronto
ZOO

ZOO COMPLEX S.I.C.

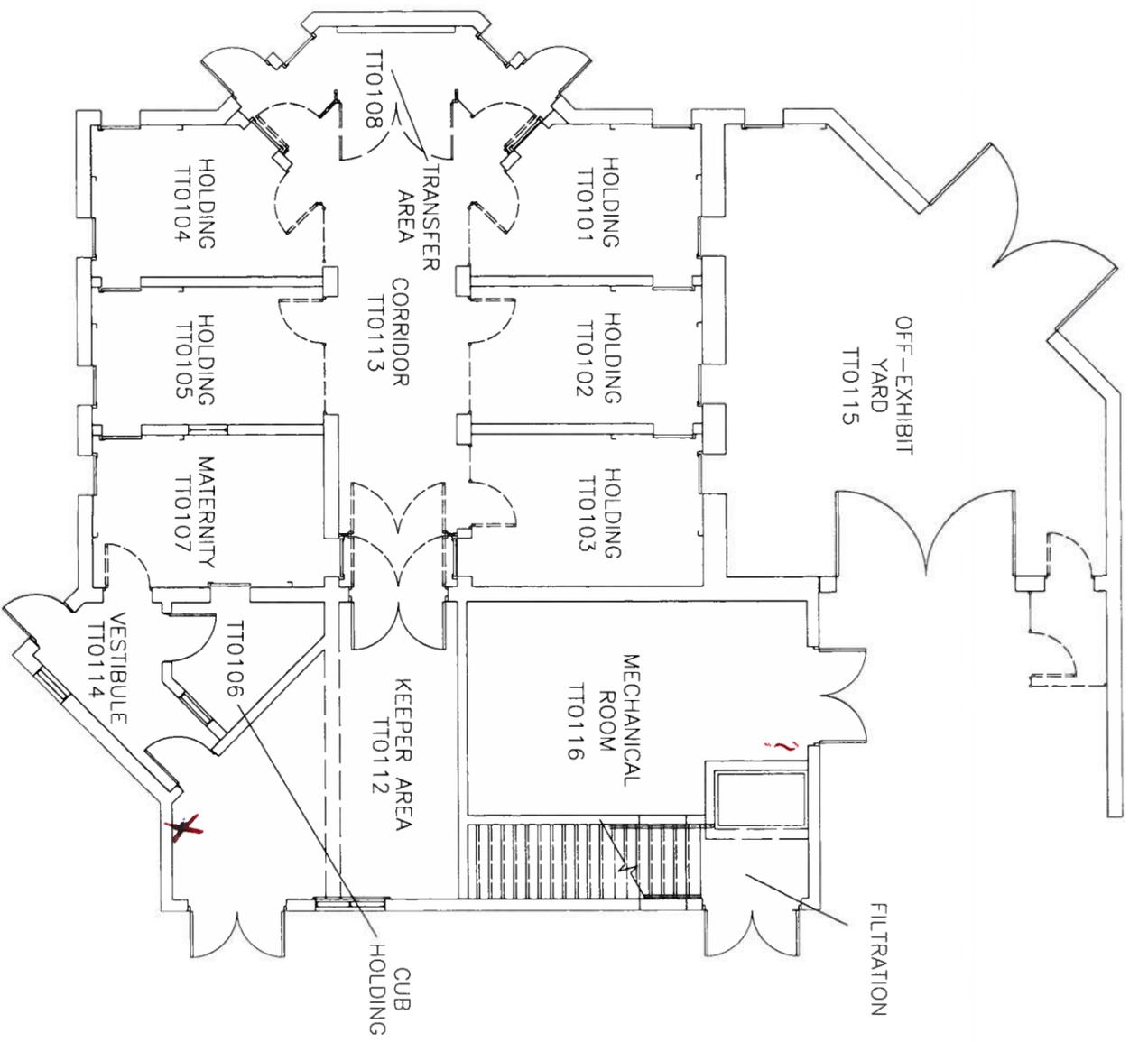
PEARSE HOUSE

LAST UPDATED: 2016-06-01

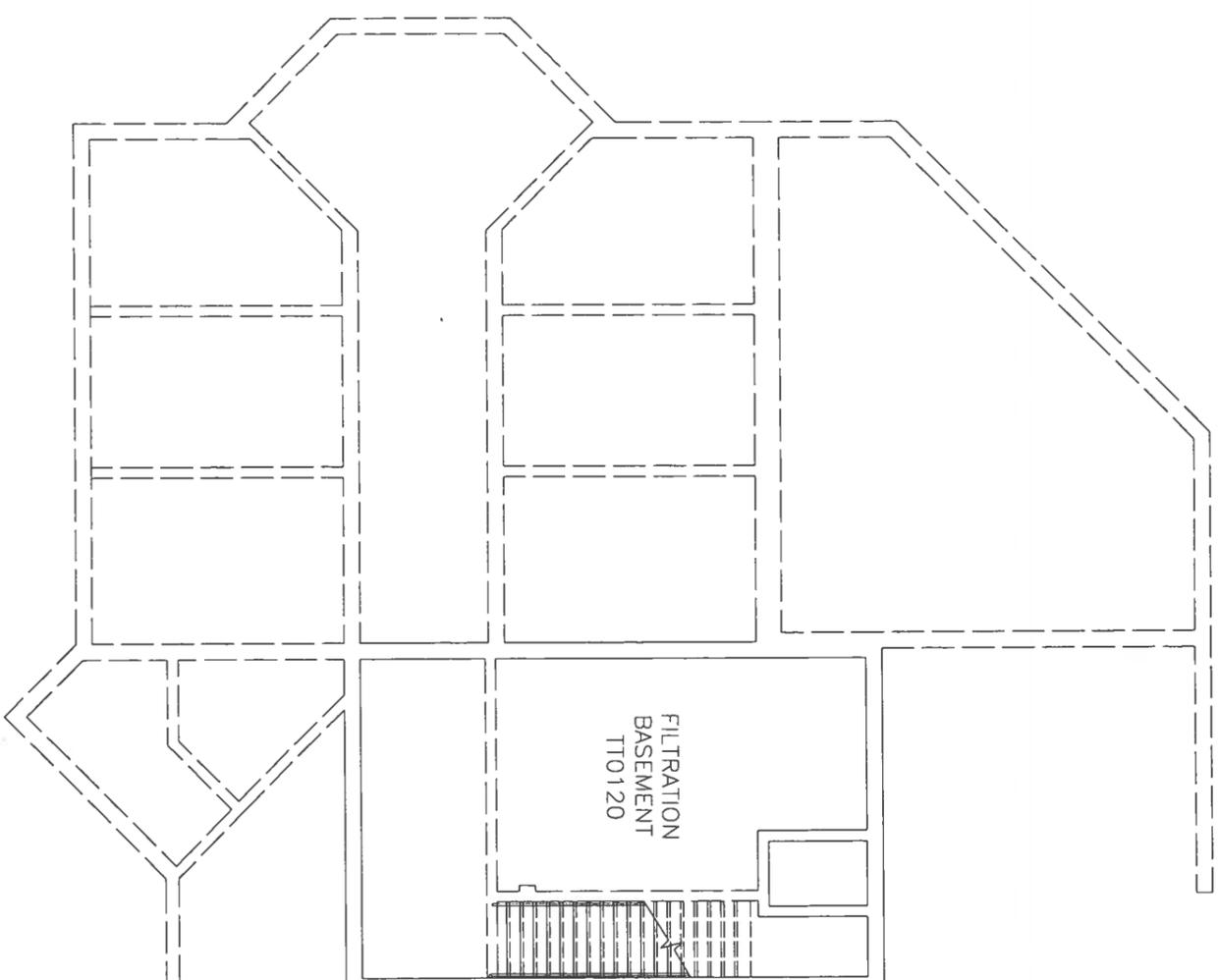
SCALE: NTS

DRAWING #

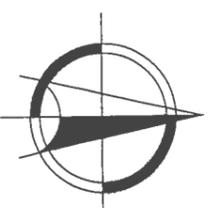
PH0000



GROUND FLOOR



BASEMENT



toronto
ZOO

ZOO COMPLEX S.I.C.

POLAR BEAR

LAST UPDATED: 2016-01-11

SCALE: 1:125

DRAWING #

TT0100



toronto
ZOO

ZOO COMPLEX S.I.C.

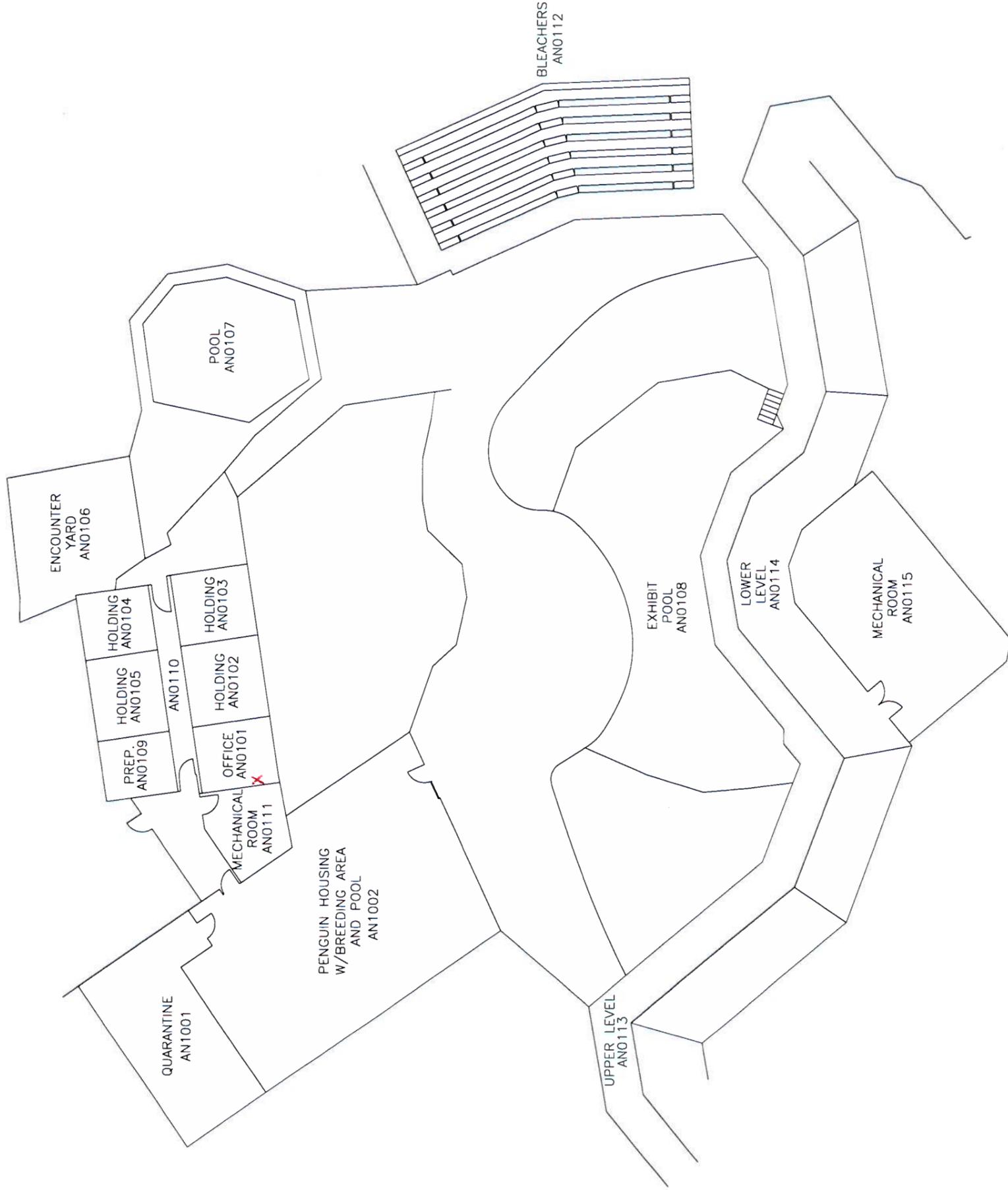
PENGUIN HOLDING

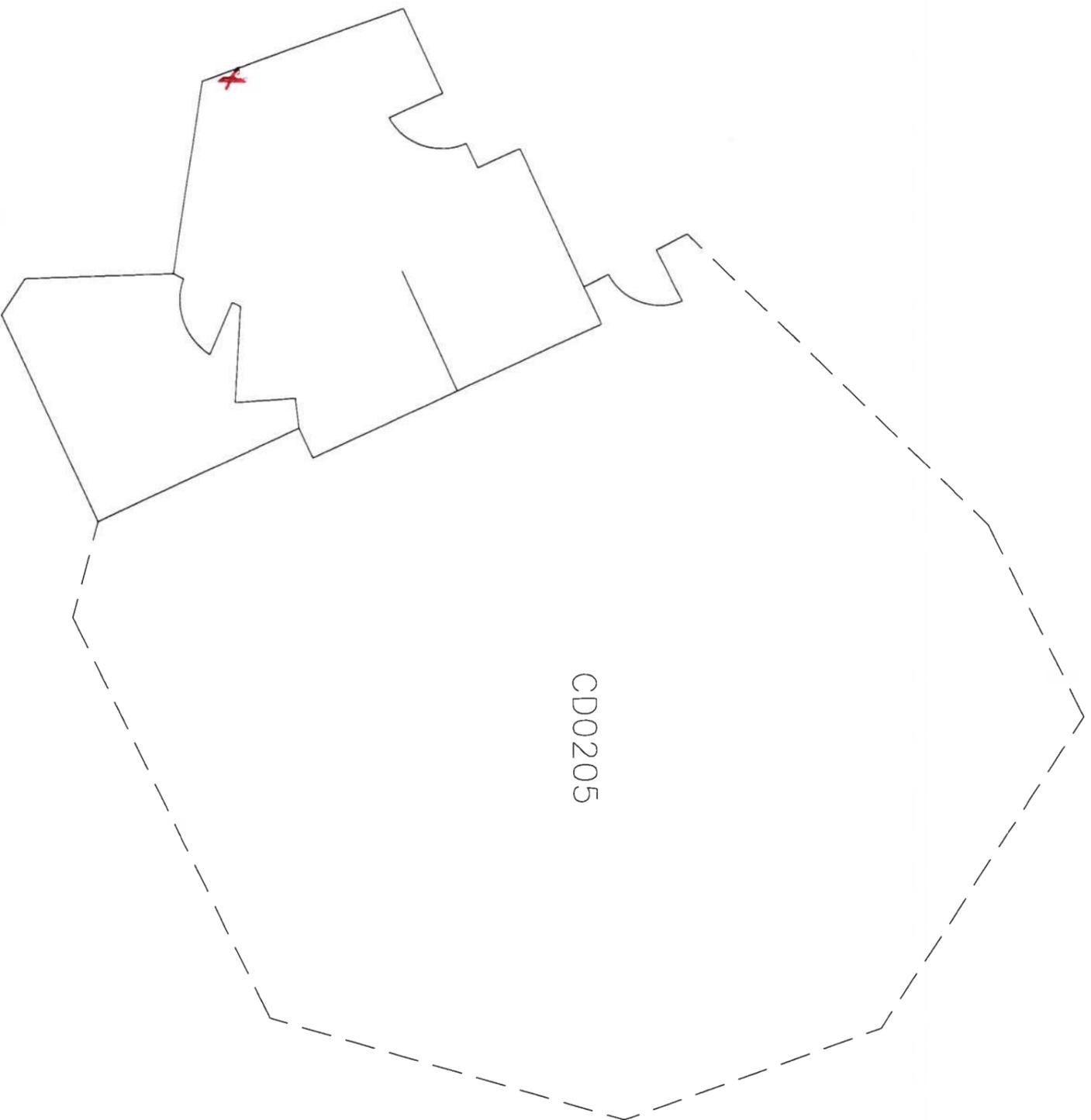
LAST UPDATED: 2014-10-28

SCALE: 1:250

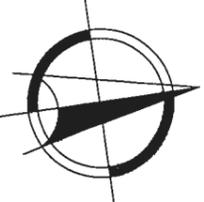
DRAWING #

AN0100





CD0205



toronto
ZOO

ZOO COMPLEX S.I.C.

RACCOON HOUSE

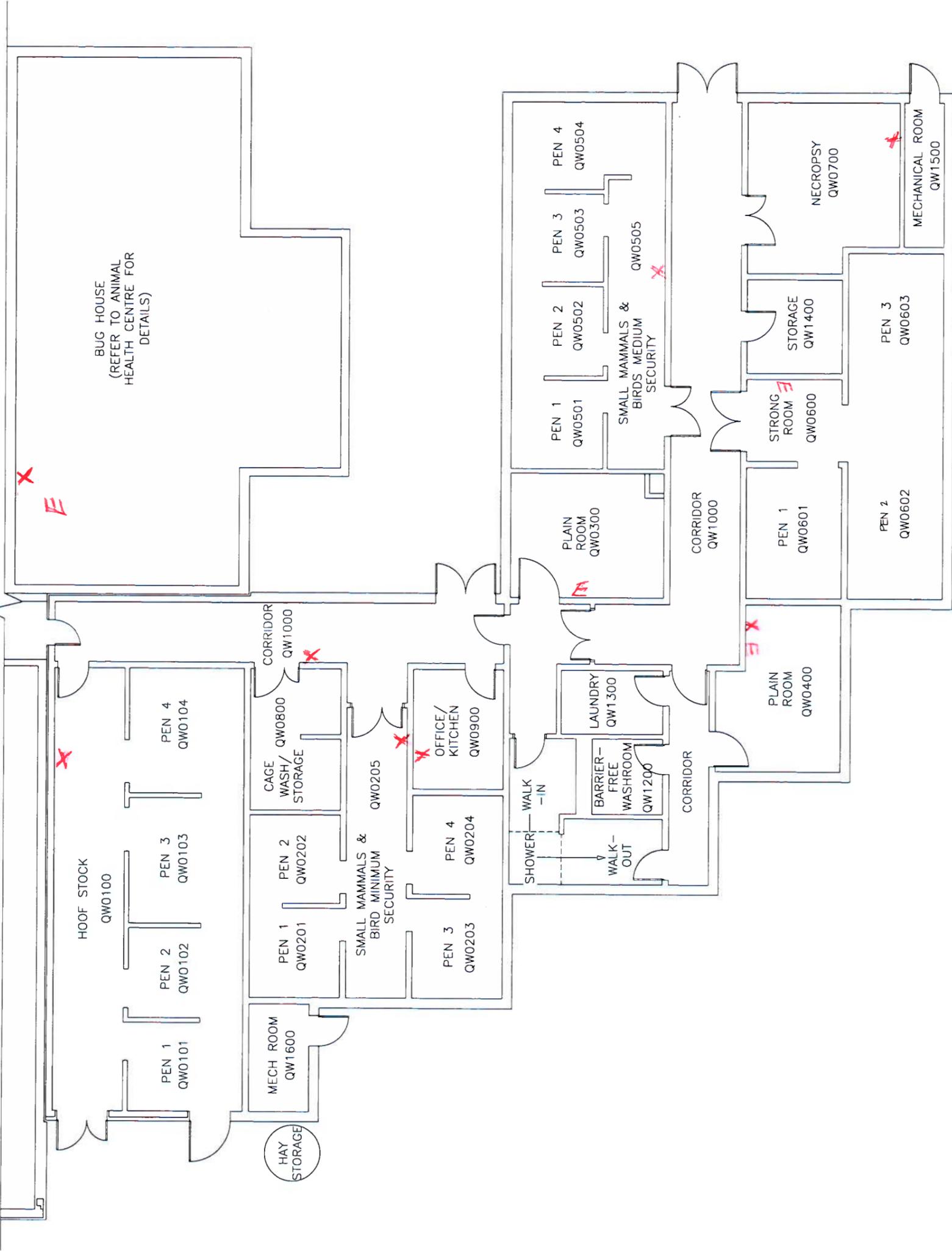
LAST UPDATED: 2009-02-01

SCALE: 3/16" = 1'-0"

DRAWING #

CD0200

ANIMAL HEALTH CENTRE



toronto
ZOO

ZOO COMPLEX S.I.C.

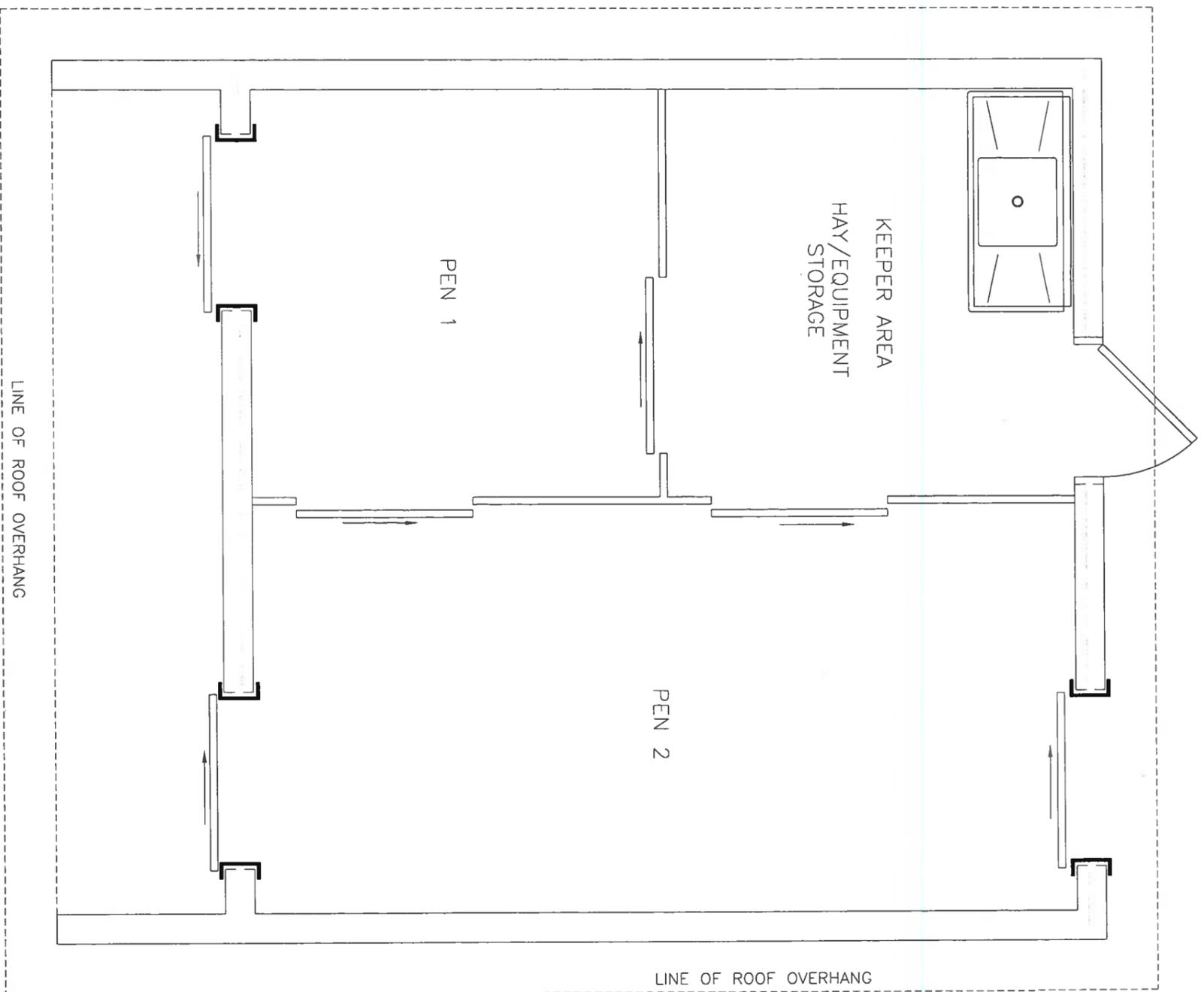
QUARANTINE WING

LAST UPDATED: 2009-02-01

SCALE: 1:125

DRAWING #

QW0000



OUTDOOR HOLDING



toronto
ZOO

ZOO COMPLEX S.I.C.

REINDEER HOLDING

LAST UPDATED: 2016-05-20

SCALE: NTS

DRAWING #

TTO300

EP1408
NORTH
EXHIBIT

EP1409
RUN

EP146B
YARD

EP1404

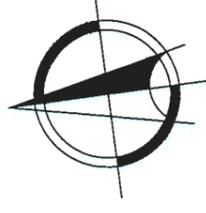
EP146A
YARD

EP1403

EP1405

EP1410

EP1407
SOUTH
EXHIBIT



toronto
ZOO

ZOO COMPLEX S.I.C.

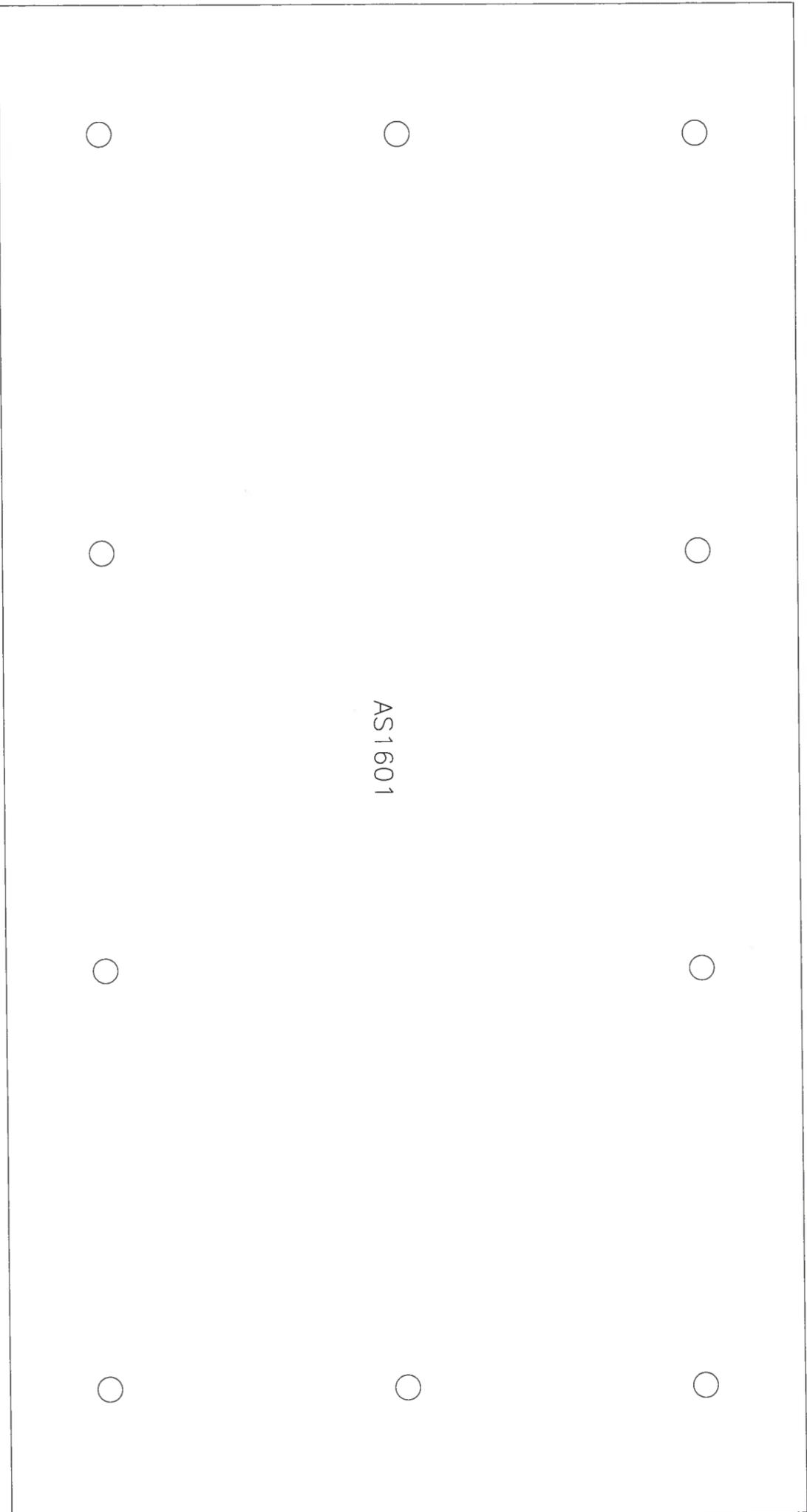
RED PANDA
HOLDING & EXHIBIT

LAST UPDATED: 2009-02-01

SCALE: 1/8" = 1'-0"

DRAWING #

EP1400



toronto
ZOO

ZOO COMPLEX S.I.C.

SAVANNA PICNIC SHELTER

LAST UPDATED: 2016-06-01

SCALE: NTS

DRAWING #

AS1601



toronto
ZOO

ZOO COMPLEX S.I.C.

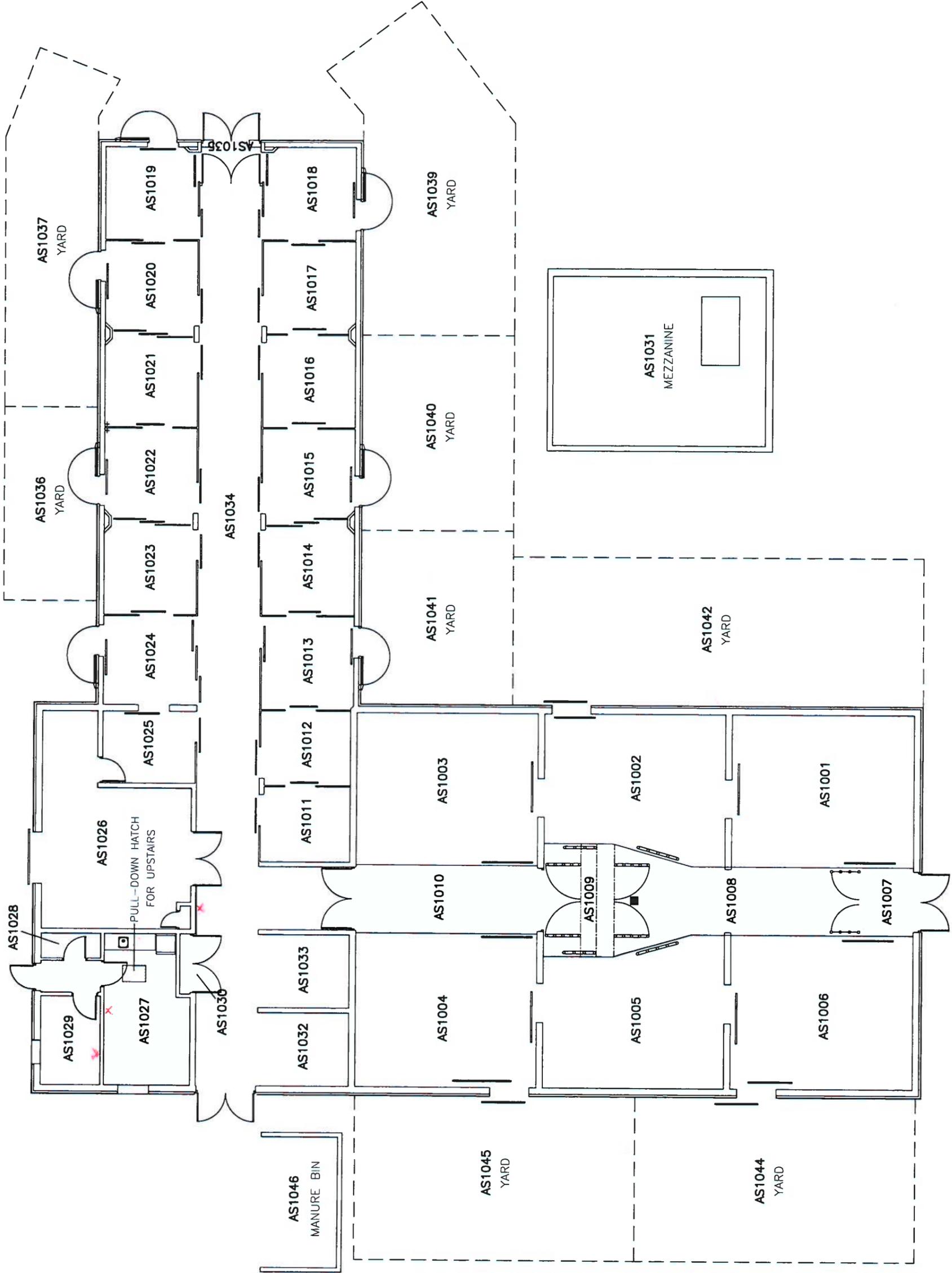
RHINO HOOFSTOCK BUILDING

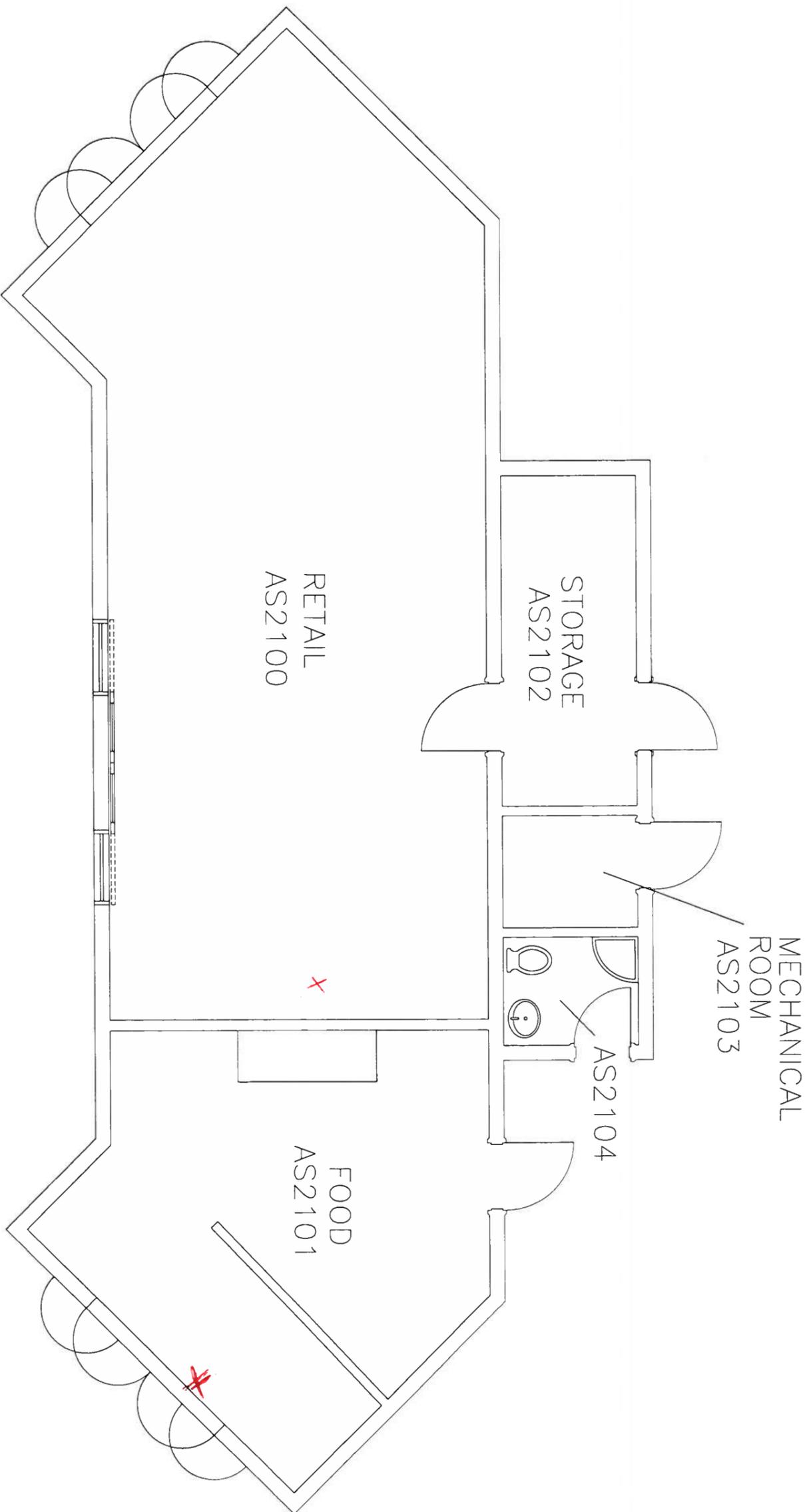
LAST UPDATED: 2009-02-01

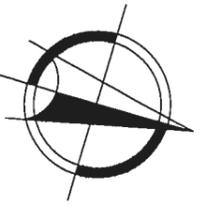
SCALE: 1:150

DRAWING #

AS1000






toronto ZOO
ZOO COMPLEX S.I.C.
SAVANNA SHOP
LAST UPDATED: 2015-11-06
SCALE: 1:60
DRAWING #
AS2100 & AS2101



toronto
ZOO

ZOO COMPLEX S.I.C.

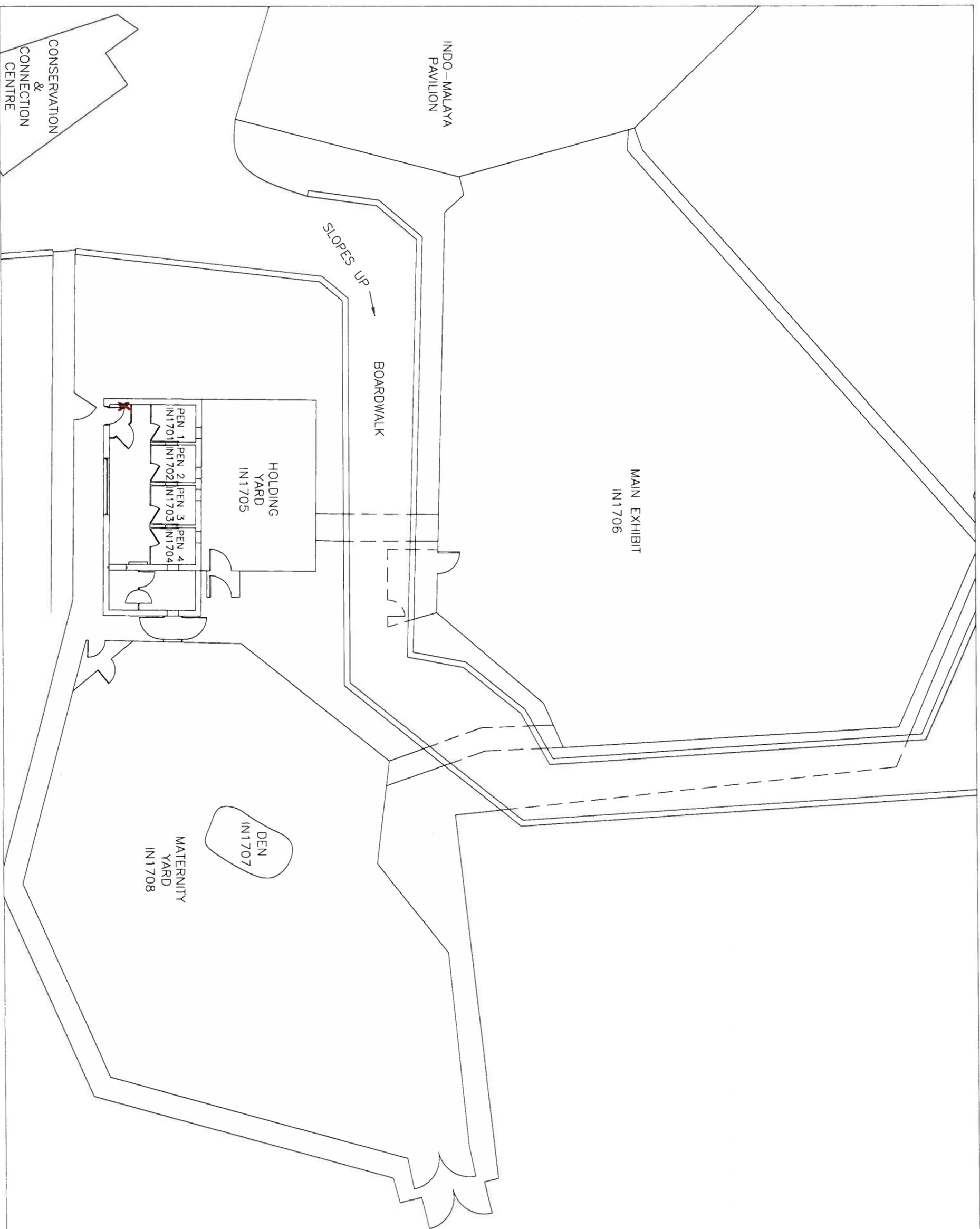
SAVANNA RESEARCH TENT

LAST UPDATED: 2016-06-01

SCALE: NTS

DRAWING #

N/A



toronto
ZOO

ZOO COMPLEX S.I.C.

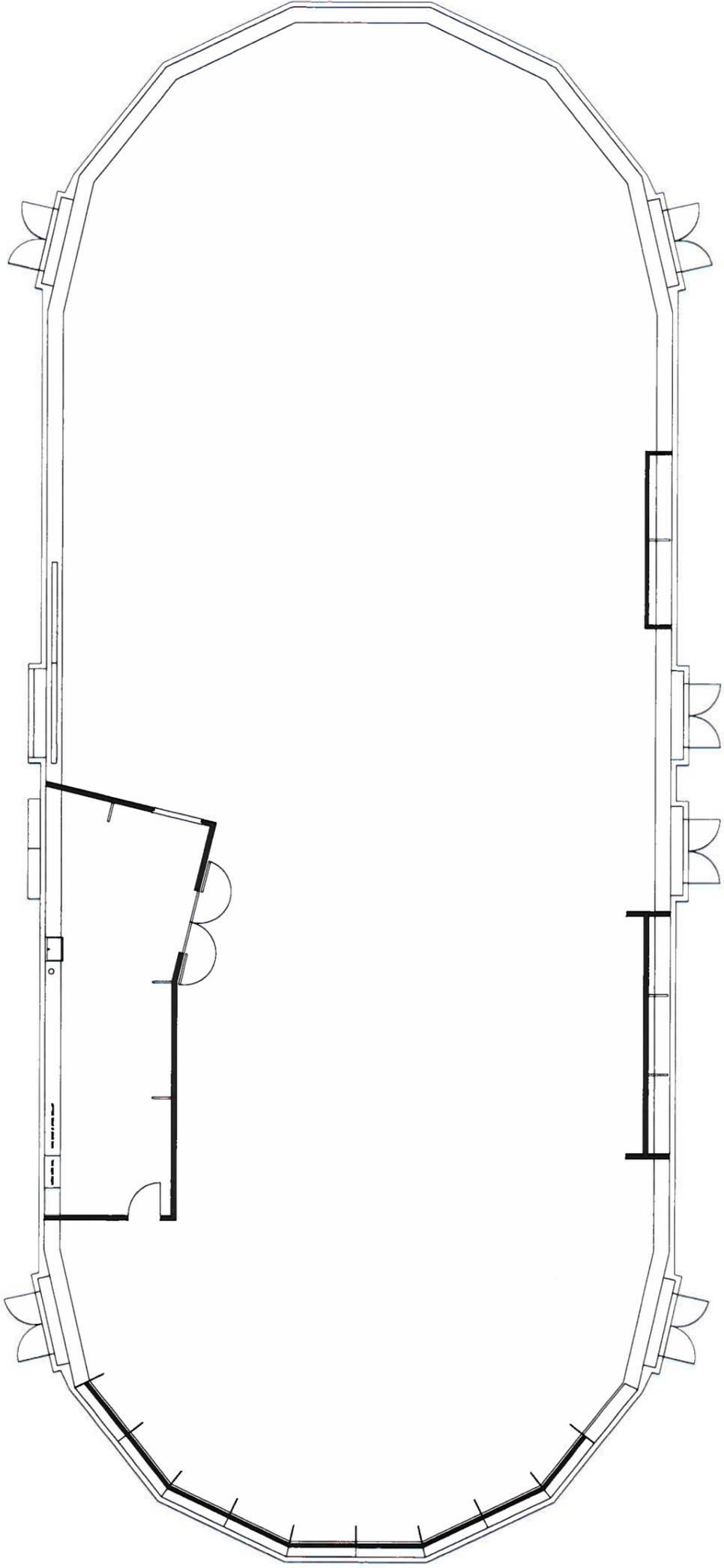
SUMATRAN TIGER

LAST UPDATED: 2014-10-30

SCALE: 1/16" = 1'-0"

DRAWING #

IN1700



SCULPTURE SIGN - 2'x3' (STAND OR WALL MOUNT)



toronto
ZOO

ZOO COMPLEX S.I.C.

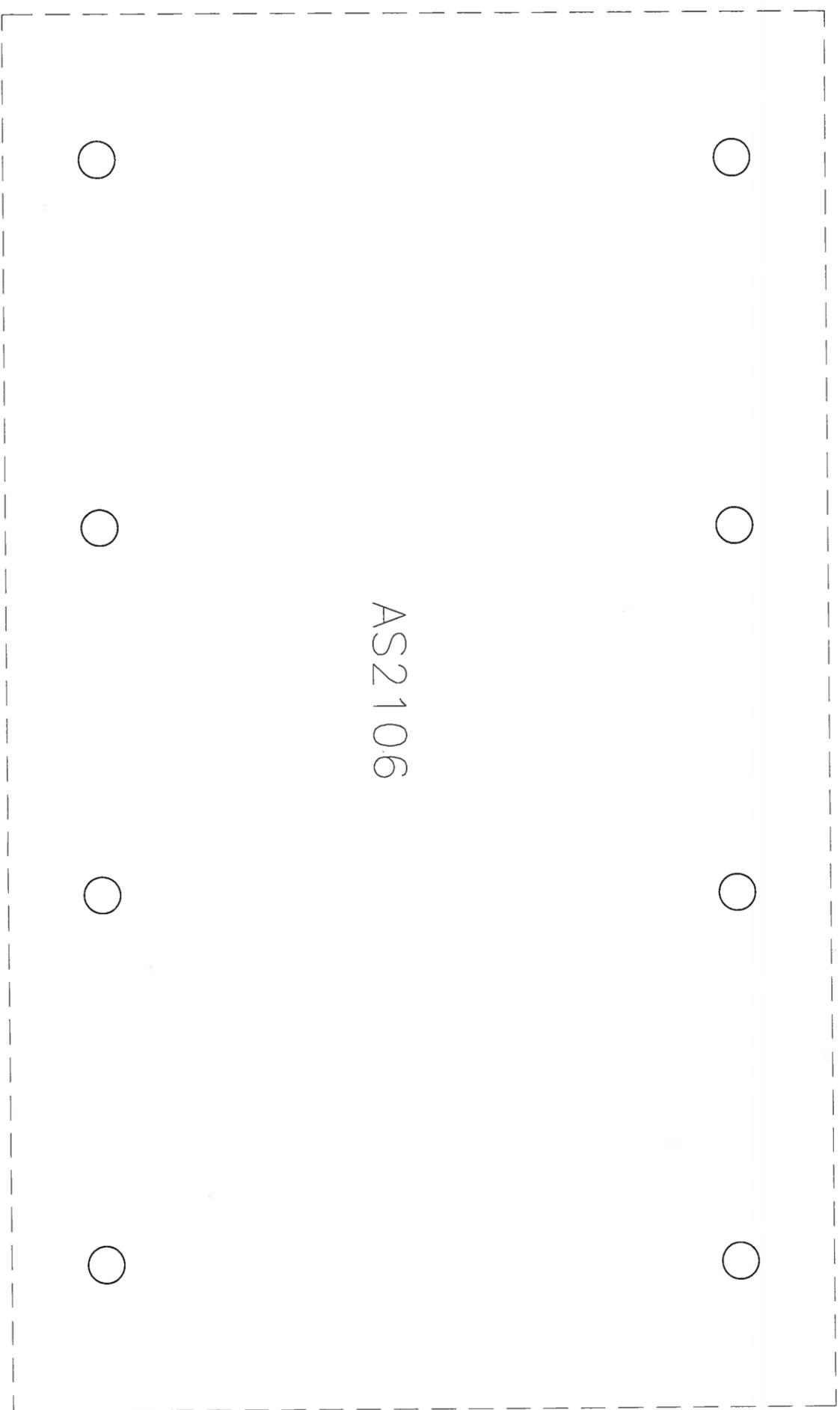
SPECIAL EVENTS CENTRE

LAST UPDATED: 2009-02-01

SCALE: NTS

DRAWING #

ST0000



AS2106



Toronto
ZOO

ZOO COMPLEX S.I.C.

TWIGA MARKET

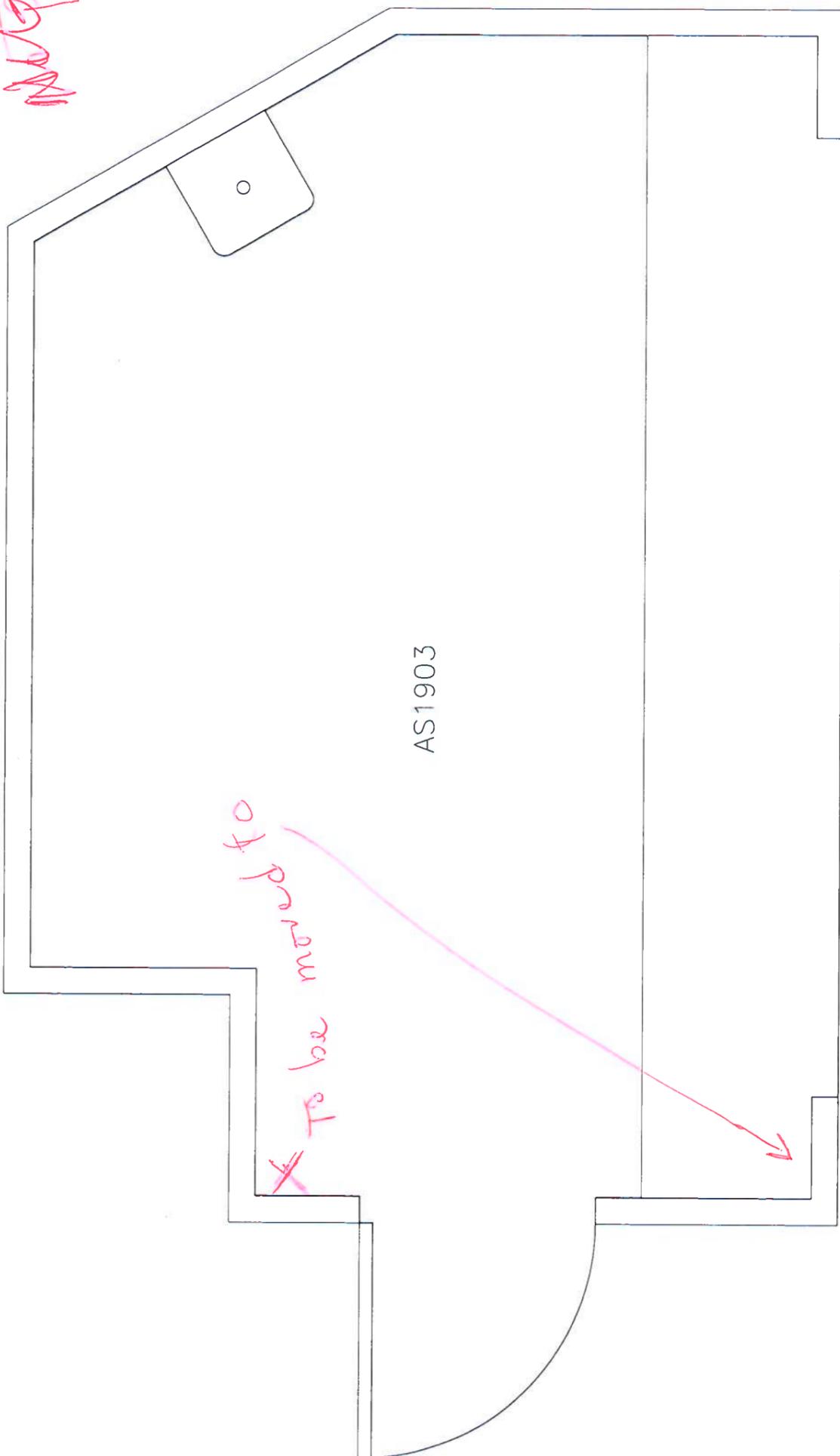
LAST UPDATED: 2016-07-11

SCALE: NTS

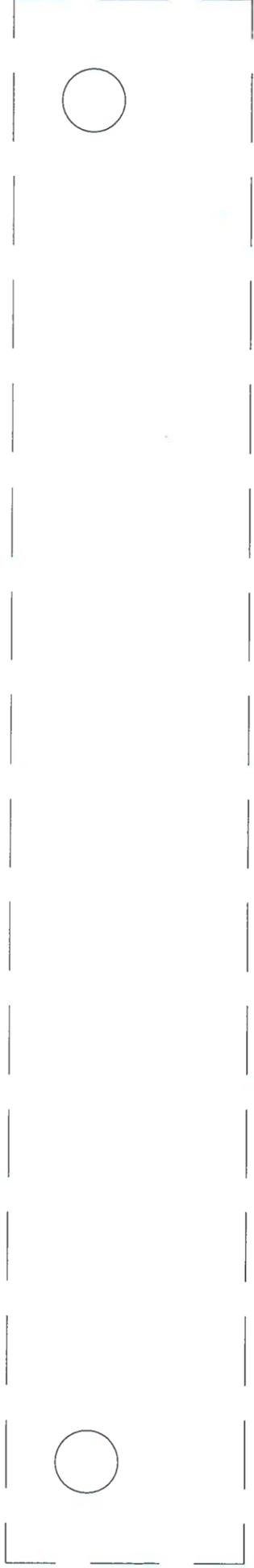
DRAWING #

AS2106

W/Plaster



To be moved to



toronto
ZOO

ZOO COMPLEX S.I.C.

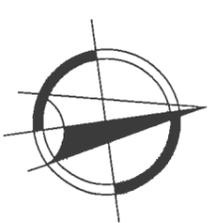
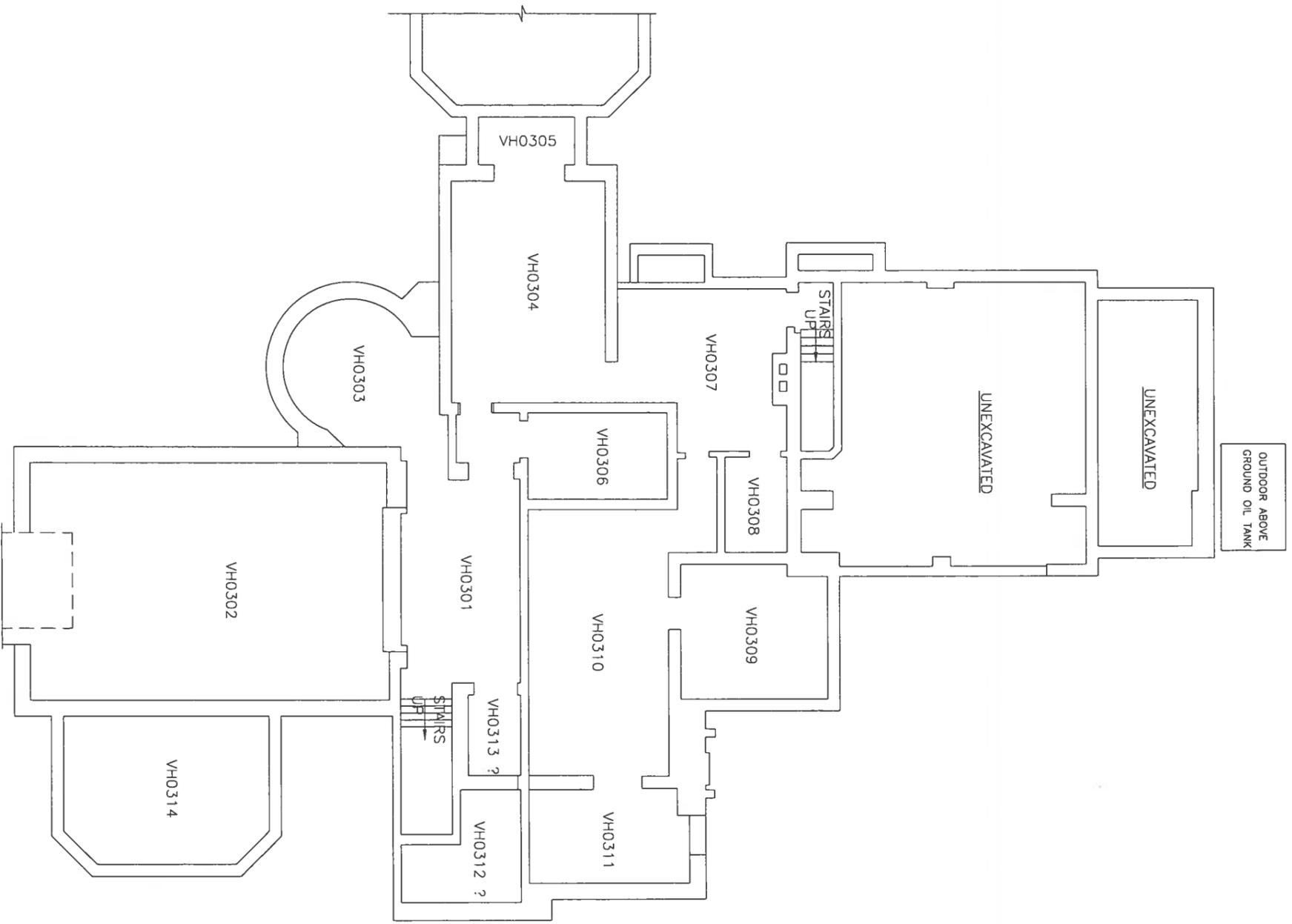
THORNTREE CAFE

LAST UPDATED: 2014-08-18

SCALE: 1:20

DRAWING #

AS1903



Toronto
ZOO

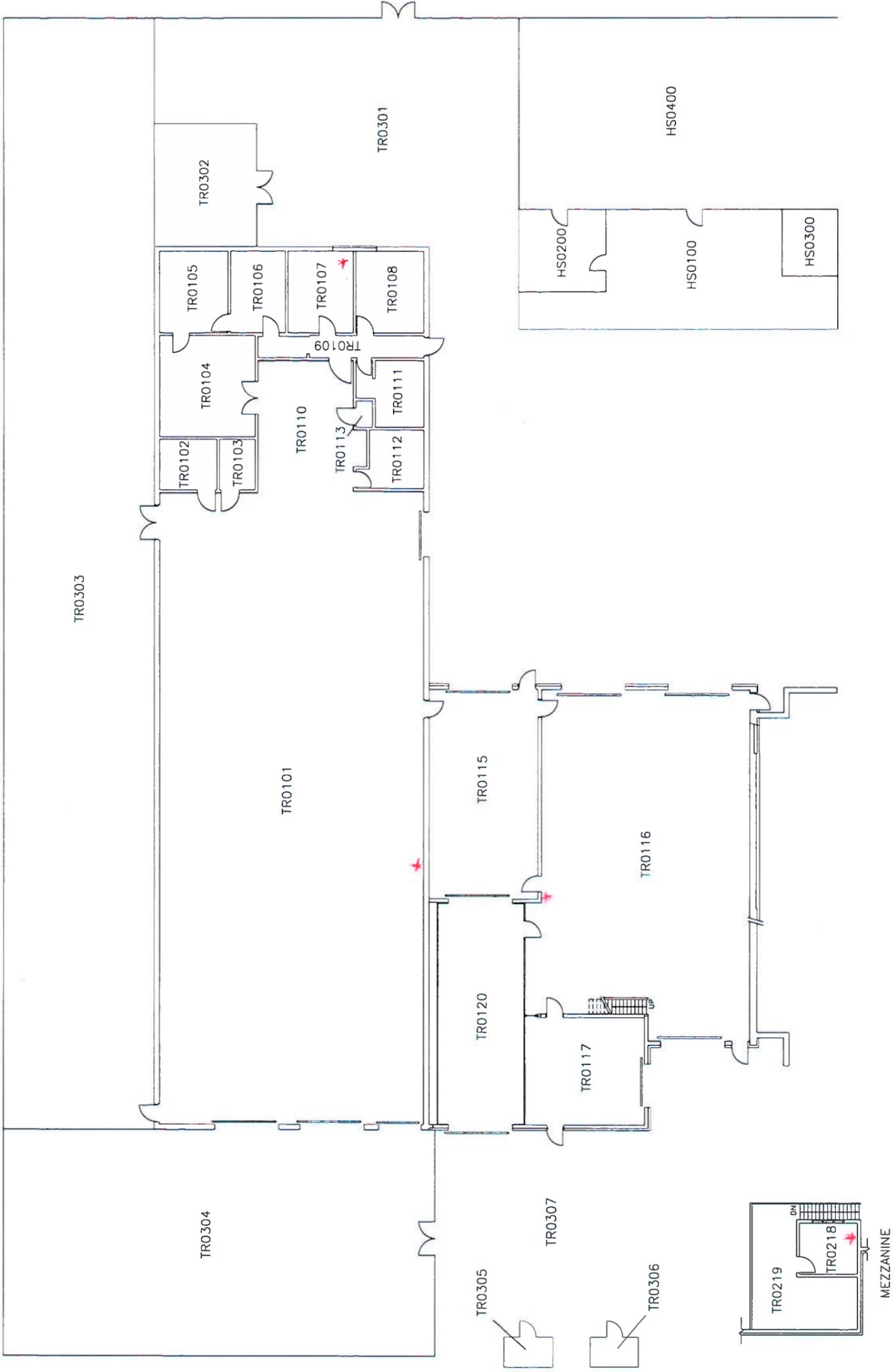
ZOO COMPLEX S.I.C.

VALLEY HALLA - BASEMENT

LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"
DRAWING #

VH0300



toronto
ZOO

ZOO COMPLEX S.I.C.

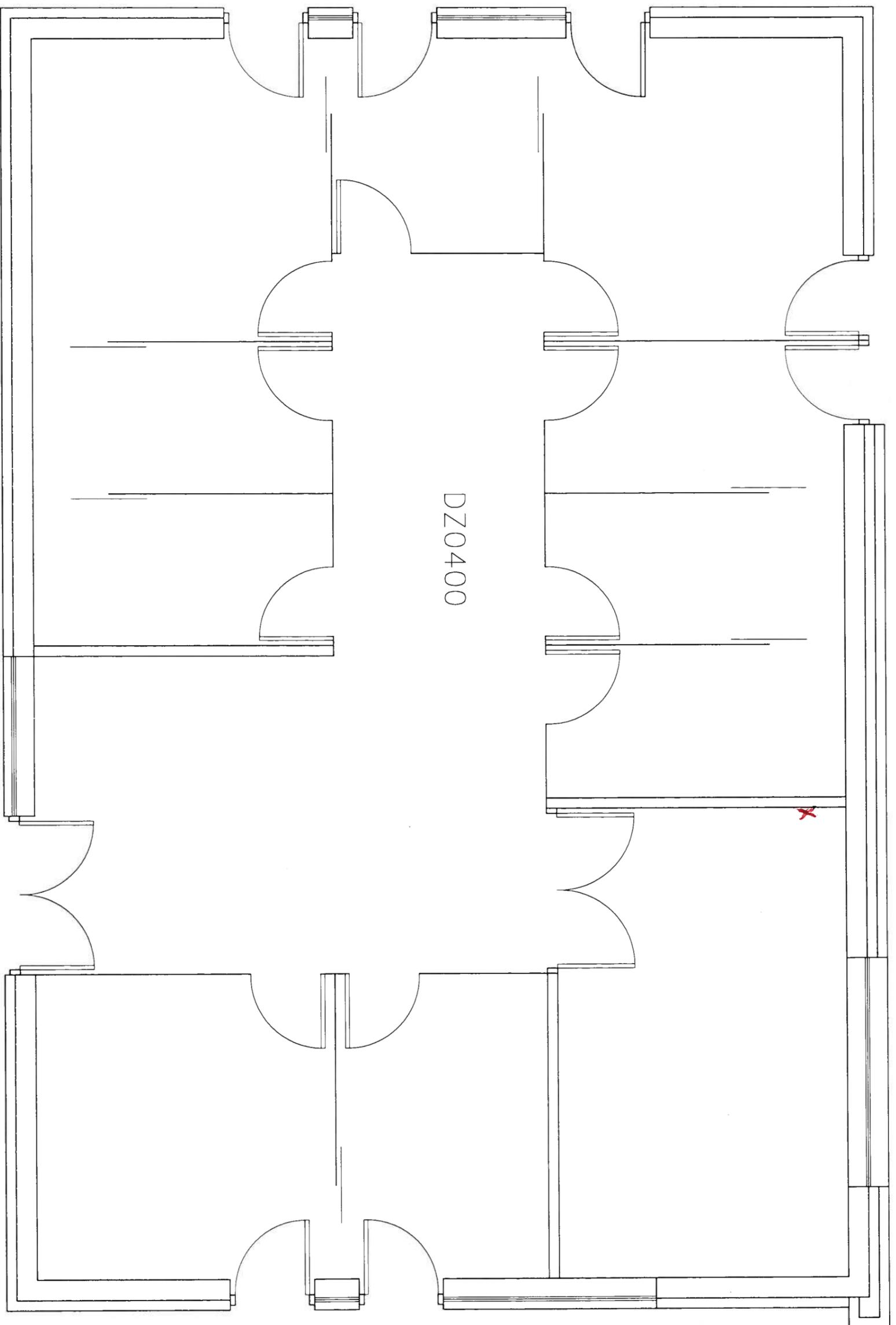
VEHICLE MAINTENANCE
CENTRE

LAST UPDATED: 2008-02-01

SCALE: 1:250

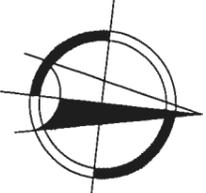
DRAWING #

TR0000



DZ0400

X



toronto
ZOO

ZOO COMPLEX S.I.C.

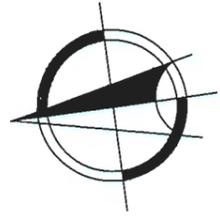
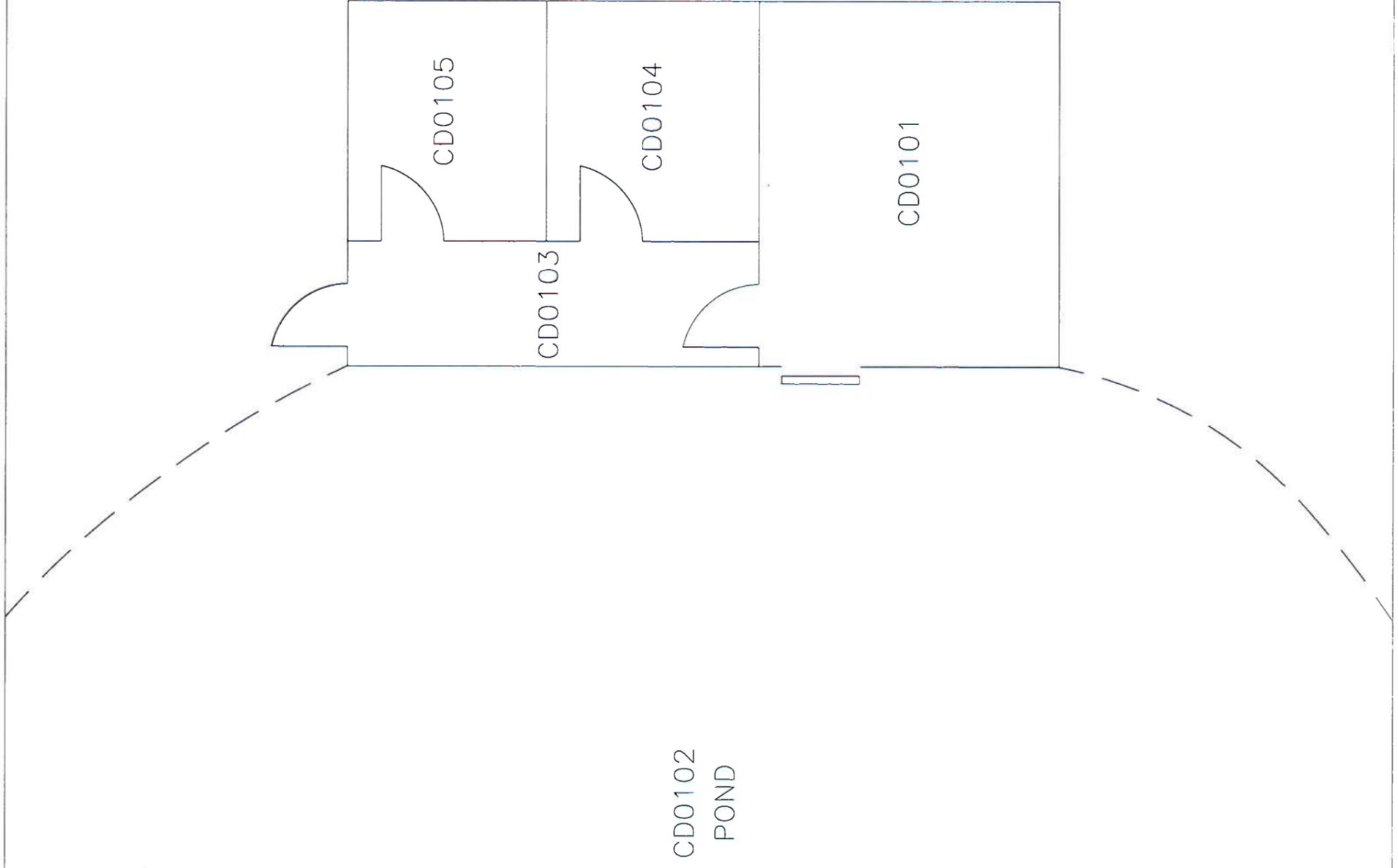
WATERSIDE HOLDING

LAST UPDATED: 2016-05-20

SCALE: NTS

DRAWING #

DZ0400



toronto
ZOO

ZOO COMPLEX S.I.C.

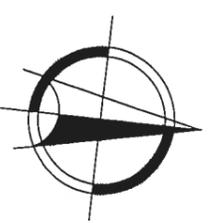
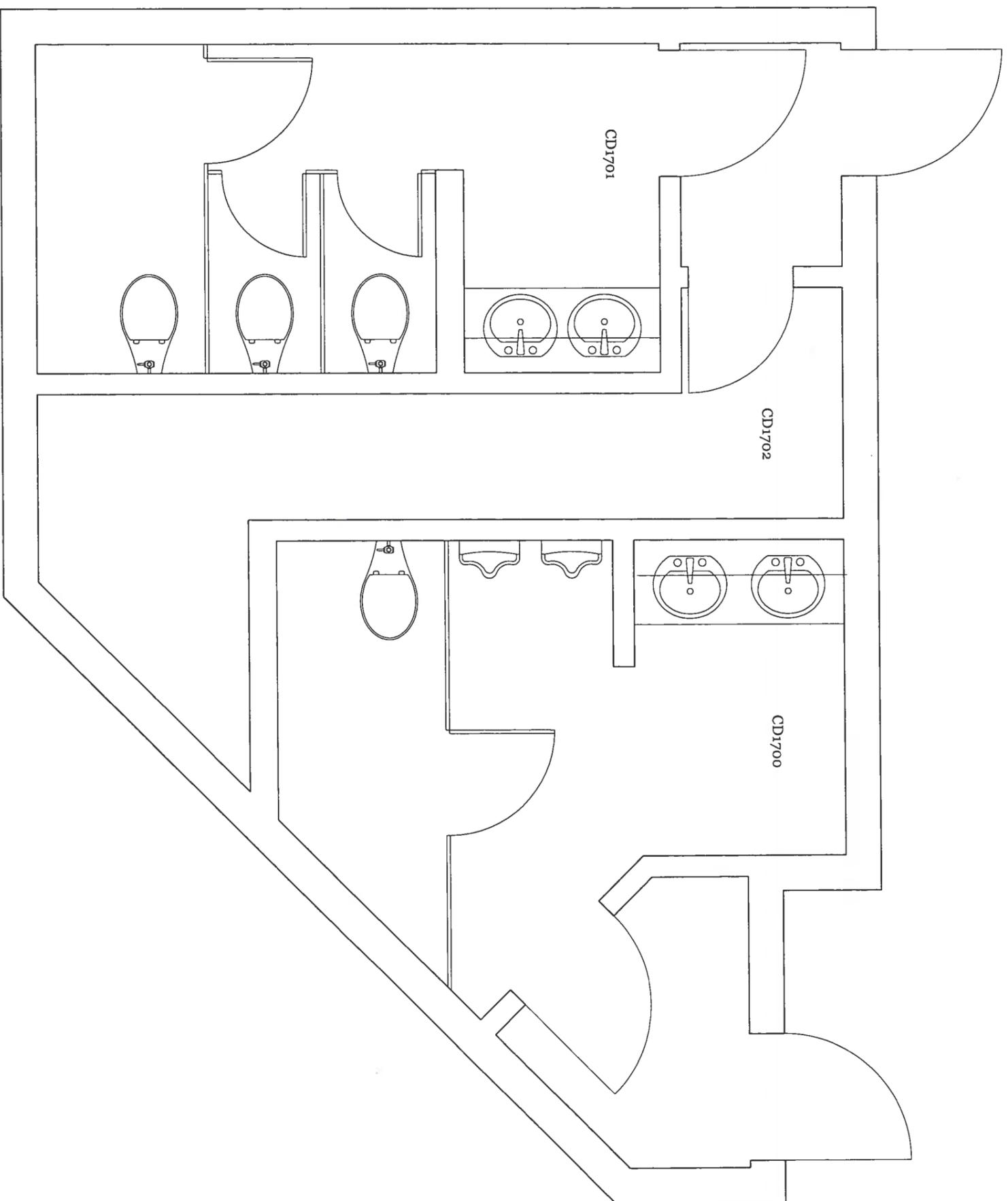
WATERFOWL HOUSE

LAST UPDATED: 2009-02-01

SCALE: 1/4" = 1'-0"

DRAWING #

CD0100



toronto
ZOO

ZOO COMPLEX S.I.C.

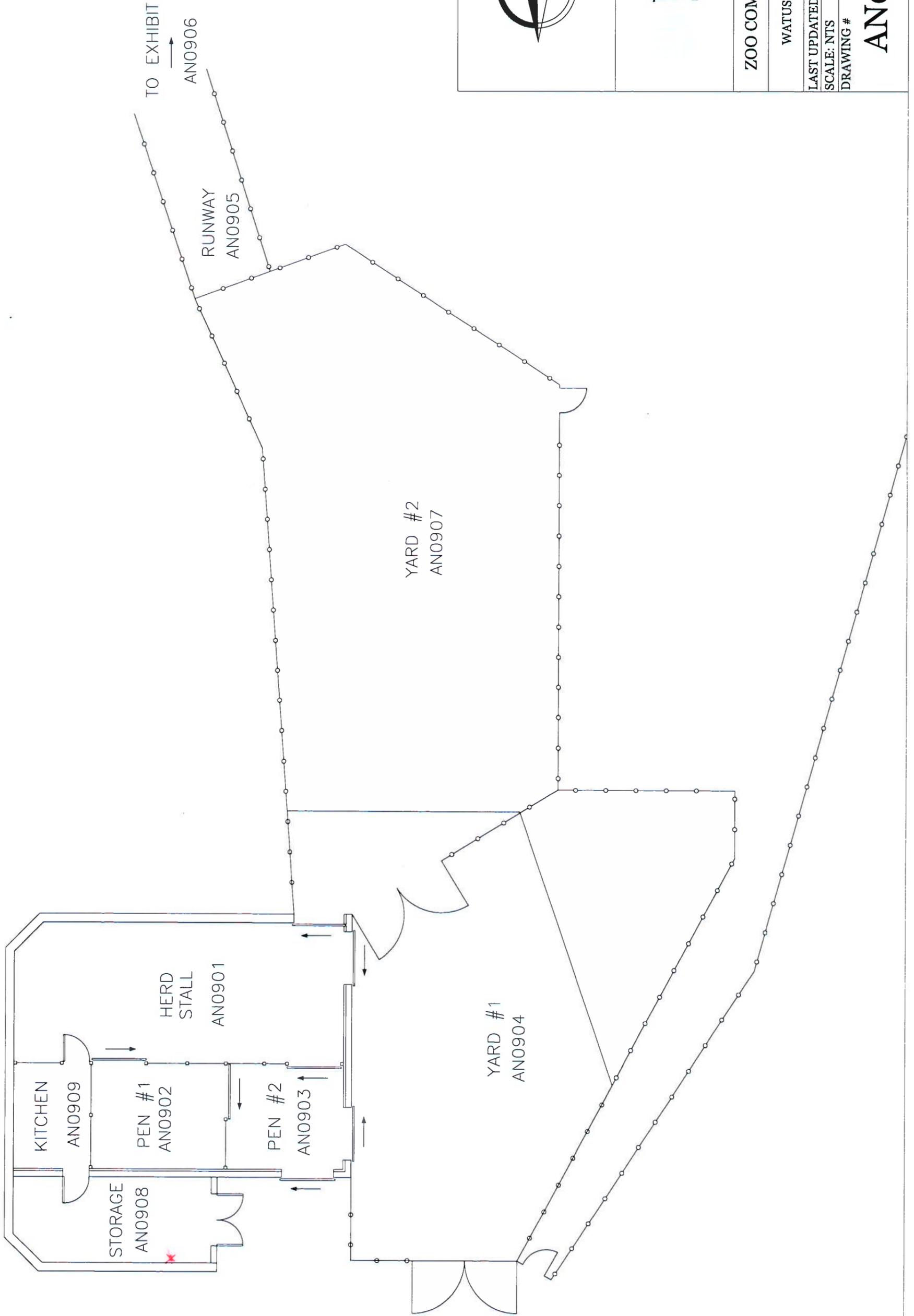
WESTON STATION WASHROOM

LAST UPDATED: 2016-05-20

SCALE: NTS

DRAWING #

CD1700



toronto
ZOO

ZOO COMPLEX S.I.C.

WATUSI HOLDING

LAST UPDATED: 2016.1.12

SCALE: NTS

DRAWING #

AN0900



AN1101
PEN 1

AN1102
PEN 2

AN1103
PEN 3

AN1108
EAST YARD

AN1112
OSTRICH
EXHIBIT

AN1107
HALLWAY

AN1106
KEEPER AREA

AN1104
PEN 4

AN1105
PEN 5

AN1109
WEST YARD

AN1110
RUNWAY

AN1111
WILDBEEST
EXHIBIT

PH

PH



toronto
ZOO

ZOO COMPLEX S.I.C.

WILDBEEST HOLDING

LAST UPDATED: 2016-05-20

SCALE: NTS

DRAWING #

AN1100



toronto
ZOO

ZOO COMPLEX S.I.C.

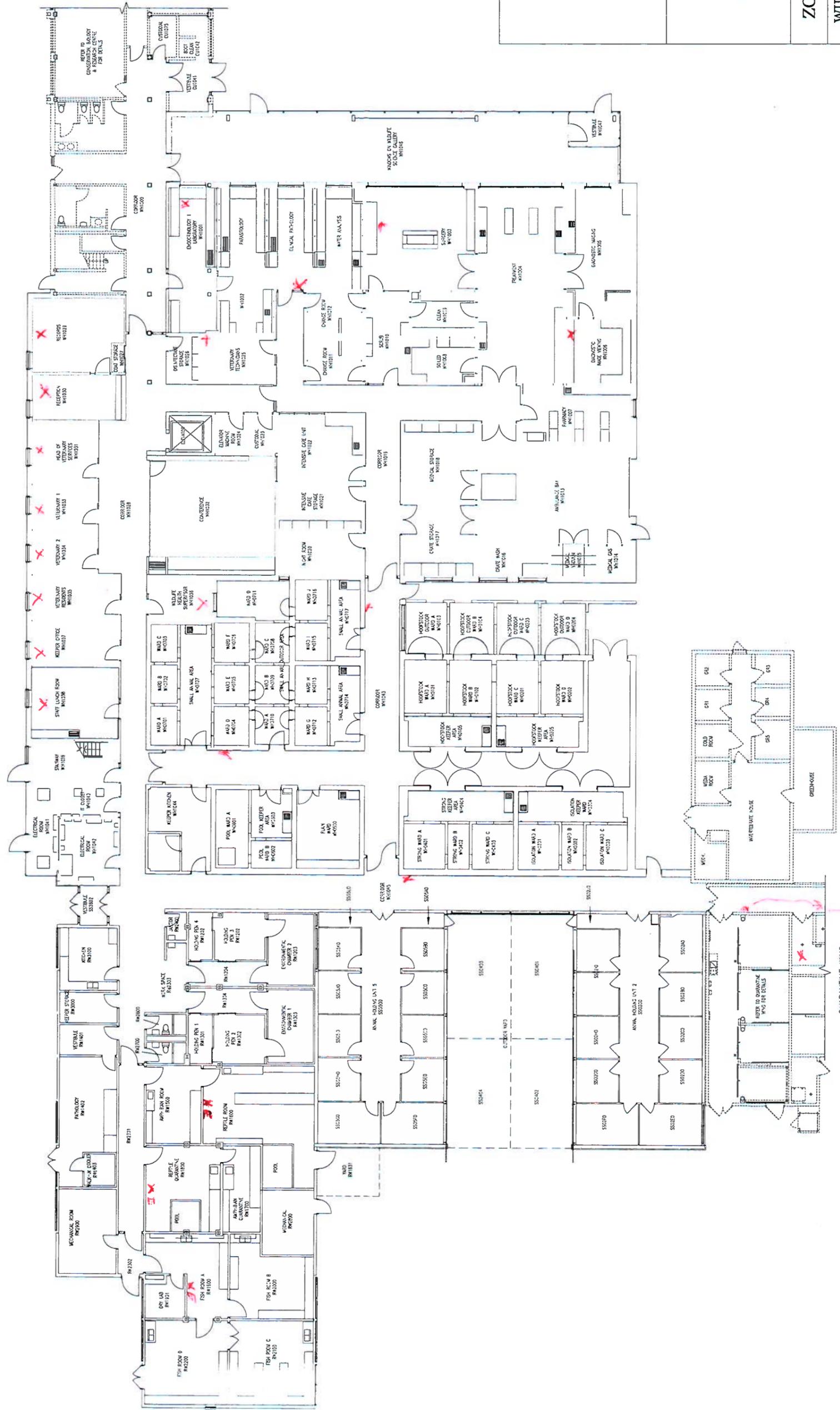
WILDLIFE HEALTH CENTRE
GROUND FLOOR

LAST UPDATED: 2016-06-28

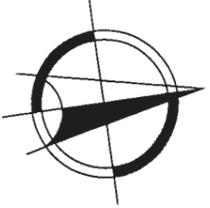
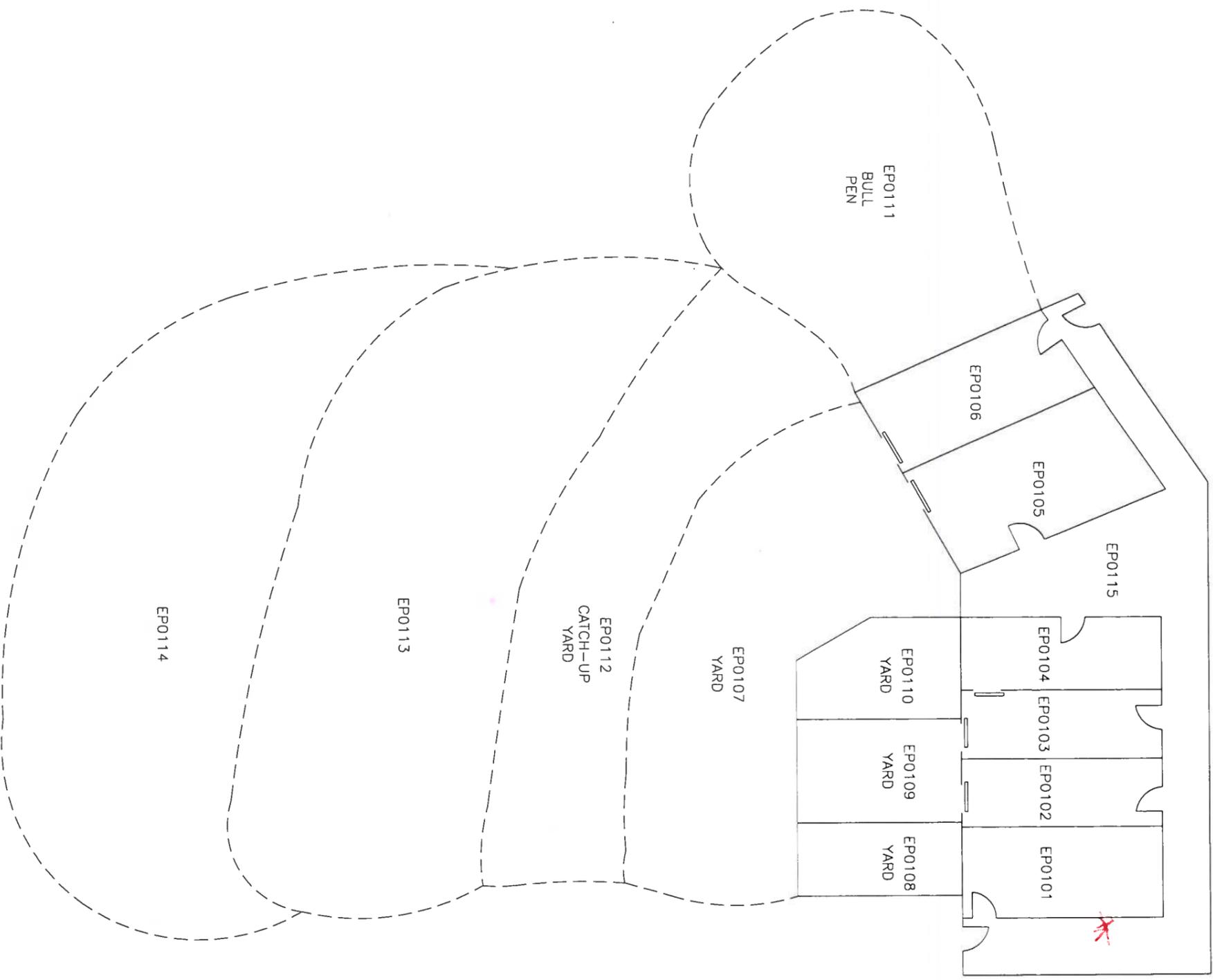
SCALE: NTS
DRAWING #

WH1000

CONSERVATION, BIOLOGY & RESEARCH CENTRE



** Necropsy
* Medium Security & Birds (Government area)
* at the kitchen*



toronto
ZOO

ZOO COMPLEX S.I.C.

WISENT HOUSE

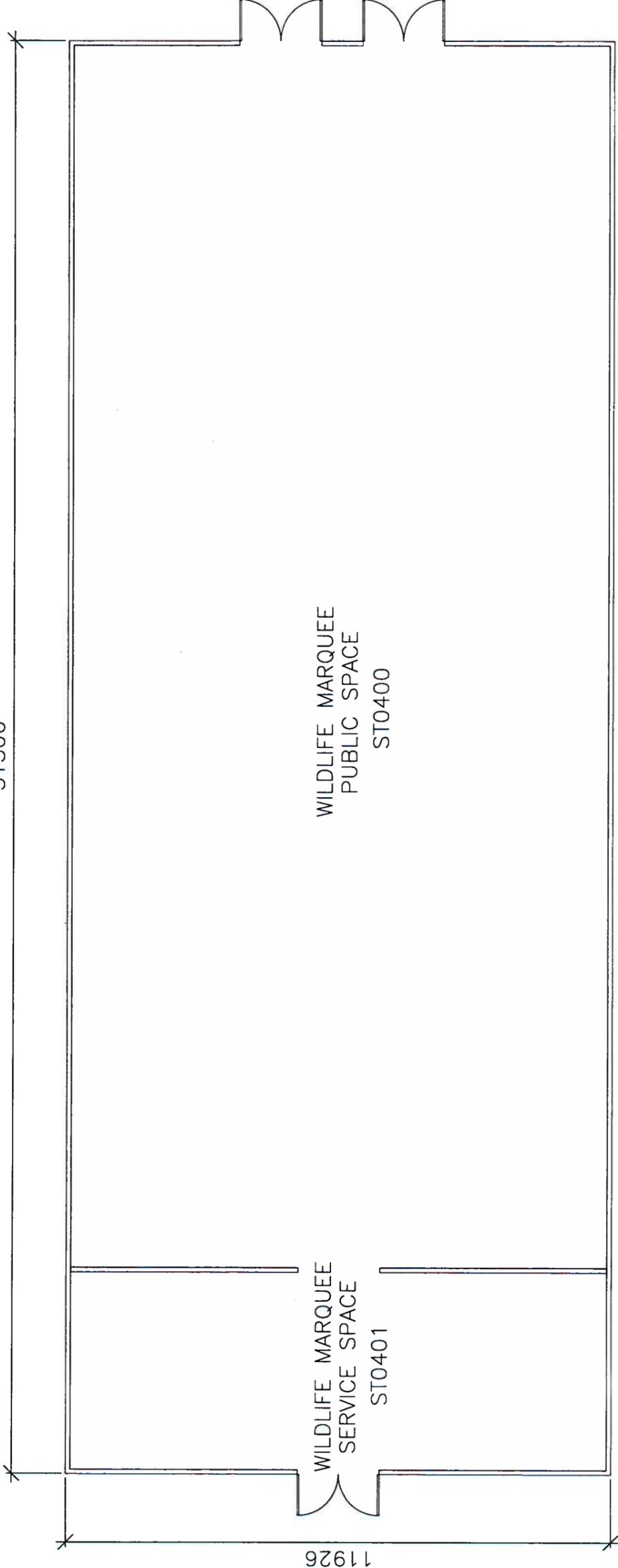
LAST UPDATED: 2009-02-01

SCALE: 3/32" = 1'-0"

DRAWING #

EP0100

31306



WILDLIFE MARQUEE
PUBLIC SPACE
ST0400

WILDLIFE MARQUEE
SERVICE SPACE
ST0401

11926

No frame!



toronto
ZOO

ZOO COMPLEX S.I.C.

WILDLIFE MARQUEE

LAST UPDATED: 2015-11-06

SCALE: 1:100

DRAWING #

ST0400

M 1:100

0 1 2 3 4 5 6 7 8 9 10 [m]



EP1806
EXHIBIT

425.1044

ANIMAL
SHELTERS

EP1804
YARD

EP1803
YARD

EP1802
YARD

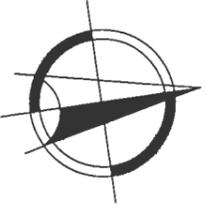
STORAGE
SHELTER

EP1801
YARD

EP1807

EP1805
BACK
EXHIBIT

716.8106



toronto
ZOO

ZOO COMPLEX S.I.C.

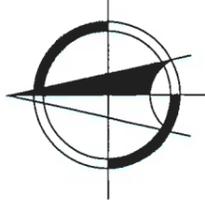
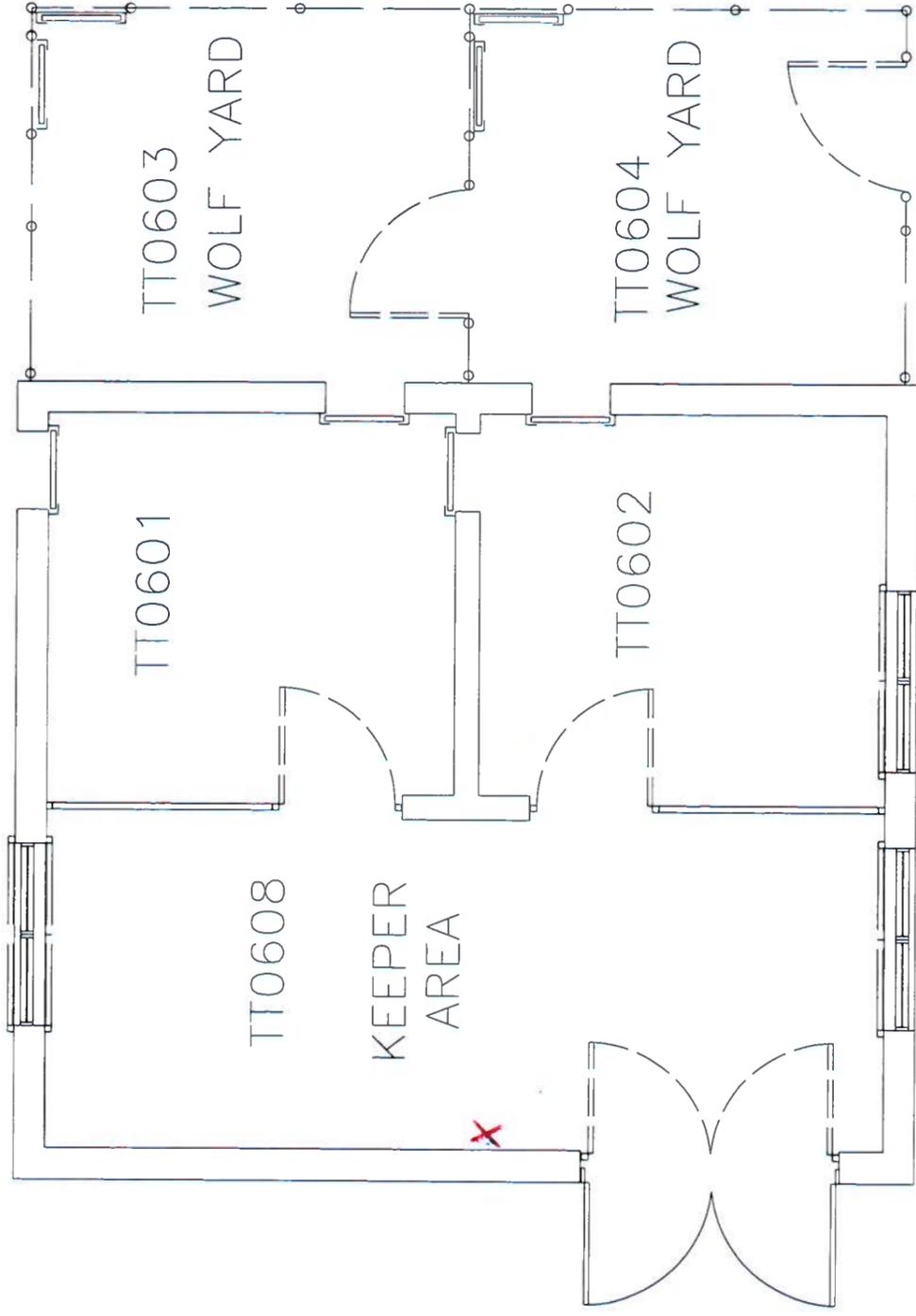
YAK
HOLDING & EXHIBIT

LAST UPDATED: 2009-02-01

SCALE: 1/8" = 1'-0"

DRAWING #

EP1800



toronto
ZOO

ZOO COMPLEX S.I.C.

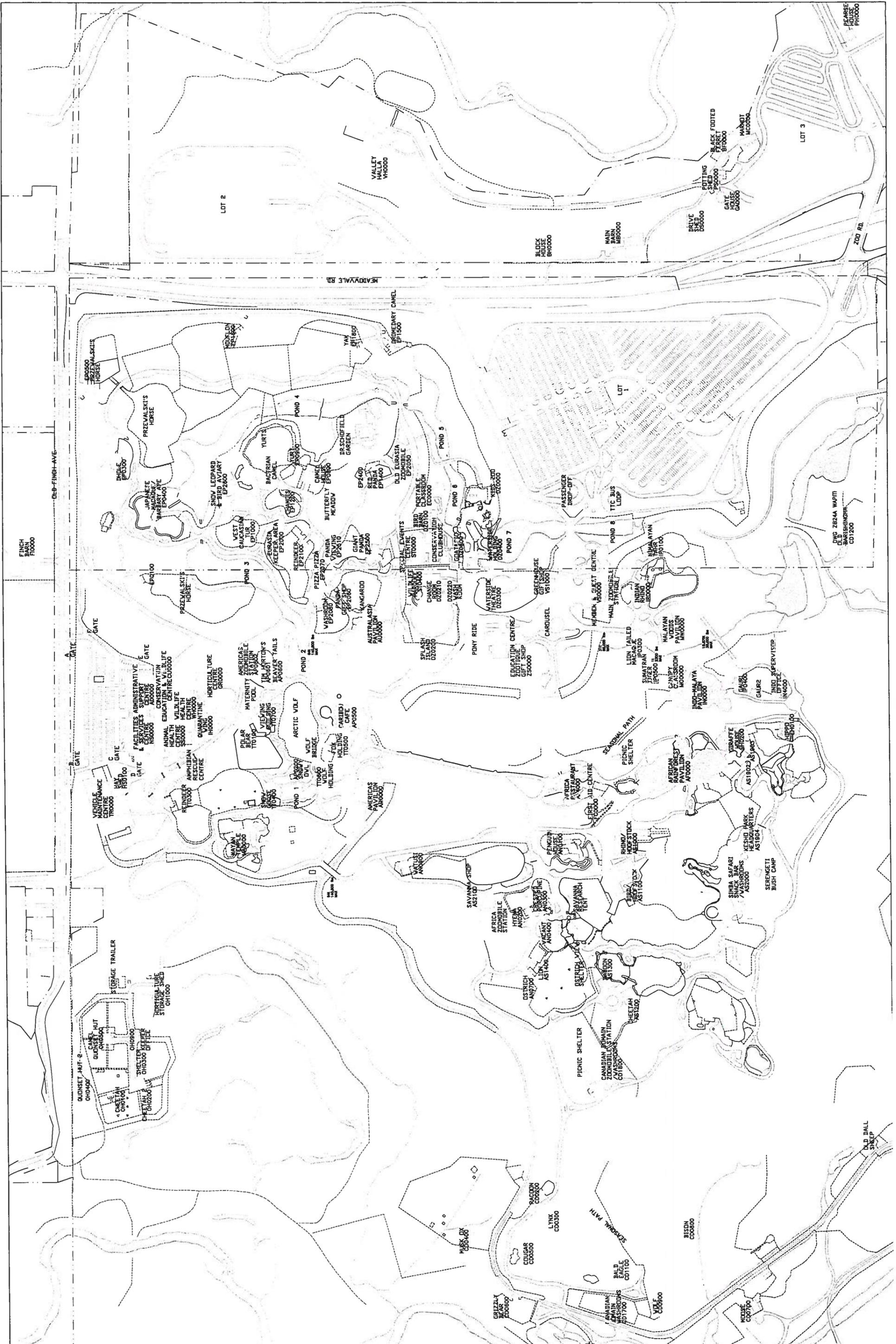
WOLF HOLDING & CAGING

LAST UPDATED: 2010-01-13

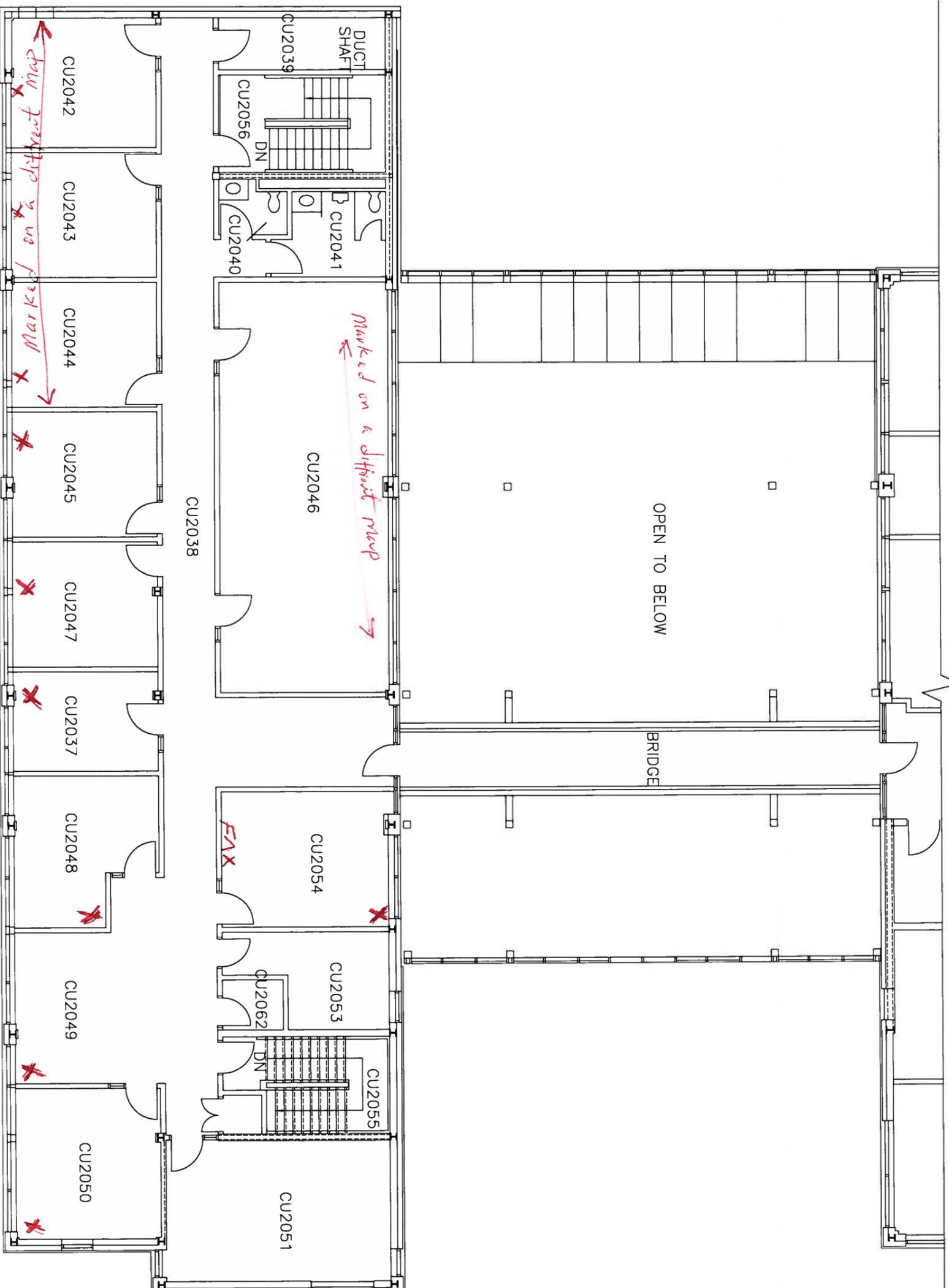
SCALE: 1:50

DRAWING #

TT0600



ADMINISTRATIVE SUPPORT CENTRE



ZOO COMPLEX S.I.C

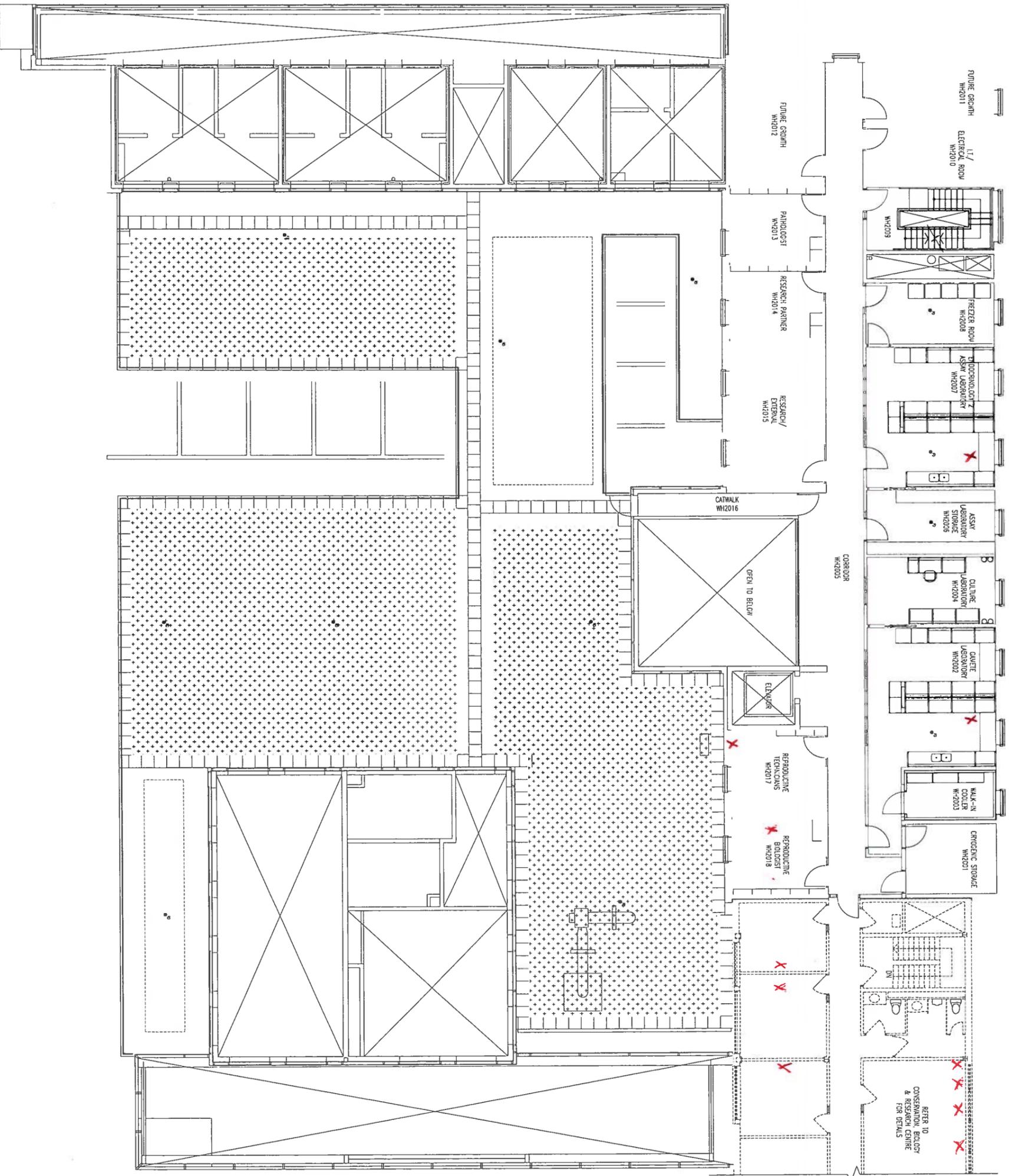
CONSERVATION, EDUCATION
RESEARCH CENTRE - 2ND FL

LAST UPDATED: 2009-02-01

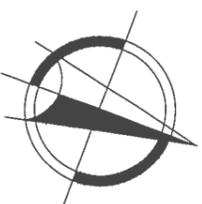
SCALE: 1:125

DRAWING #

CU2000



CONSERVATION, BIOLOGY & RESEARCH CENTRE



toronto
ZOO

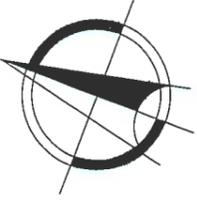
ZOO COMPLEX S.I.C
WILDLIFE HEALTH CENTRE
2ND FLOOR

LAST UPDATED: 2016-06-28

SCALE: NTS

DRAWING #

WH2000



toronto
ZOO

ZOO COMPLEX S.I.C.

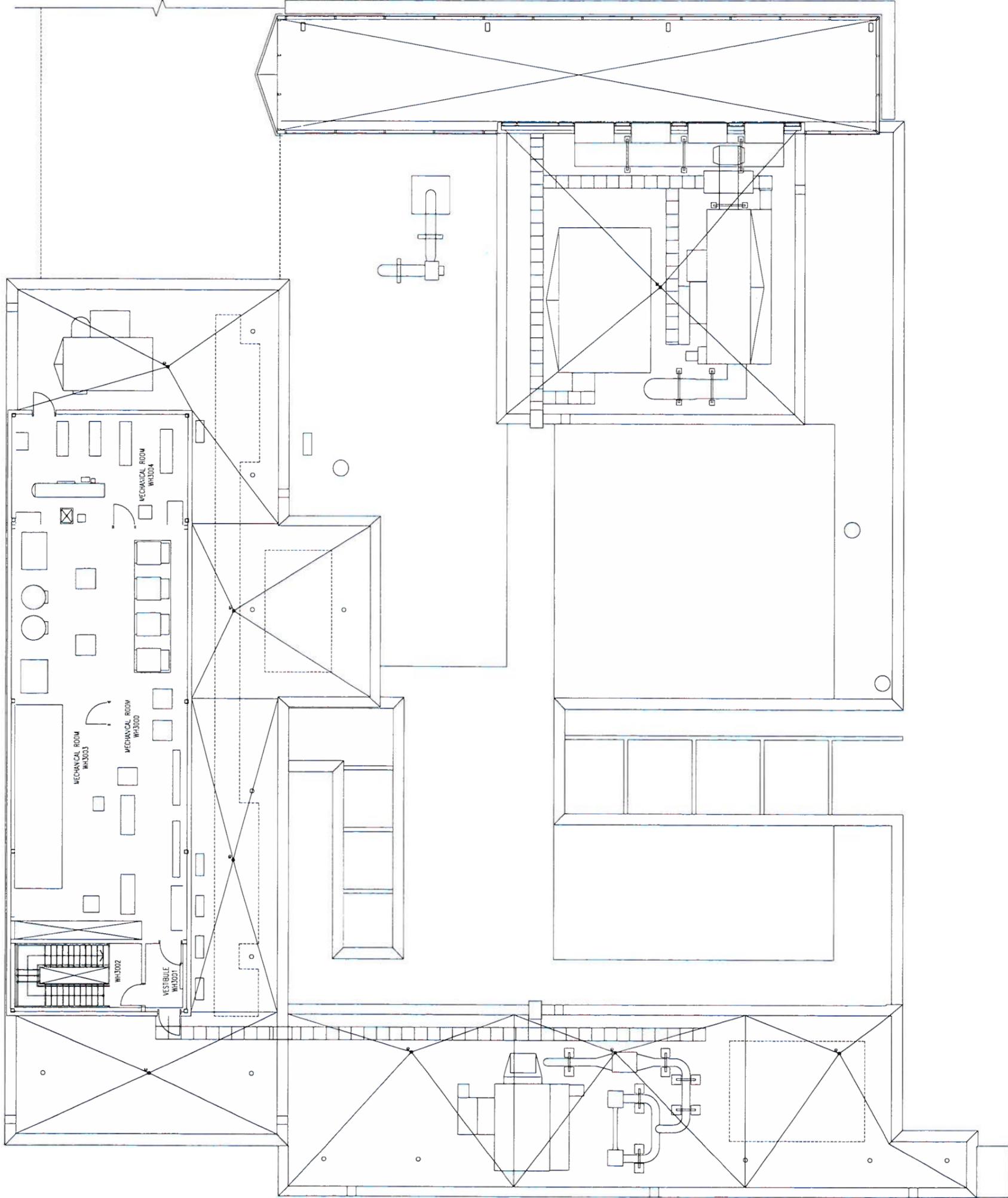
WILDLIFE HEALTH CENTRE
2ND FLOOR

LAST UPDATED: 2016-06-28

SCALE: NTS

DRAWING #

WH3000



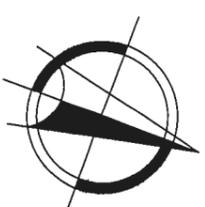


CONSERVATION, RESEARCH AND BIOLOGY CENTRE

MAINTENANCE CENTRE

Front

Rear



toronto
ZOO

ZOO COMPLEX S.I.C

ADMINISTRATIVE SUPPORT
CENTRE - FIRST FLOOR

LAST UPDATED: 2014-05-22

SCALE: NTS

DRAWING #

AD1000



toronto
ZOO

ZOO COMPLEX S.I.C.

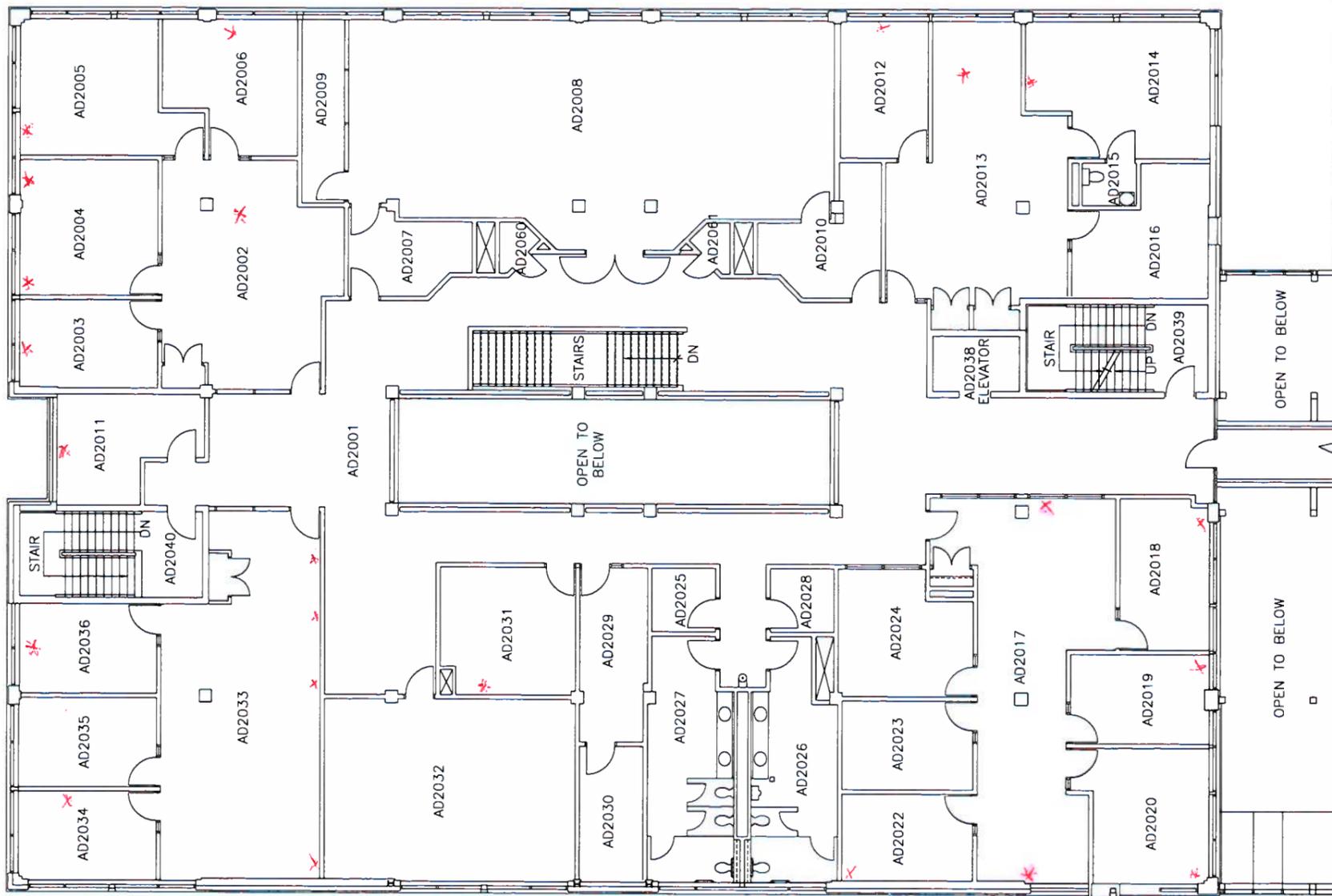
**ADMINISTRATIVE SUPPORT
CENTRE - SECOND FLOOR**

LAST UPDATED: 2015-11-06

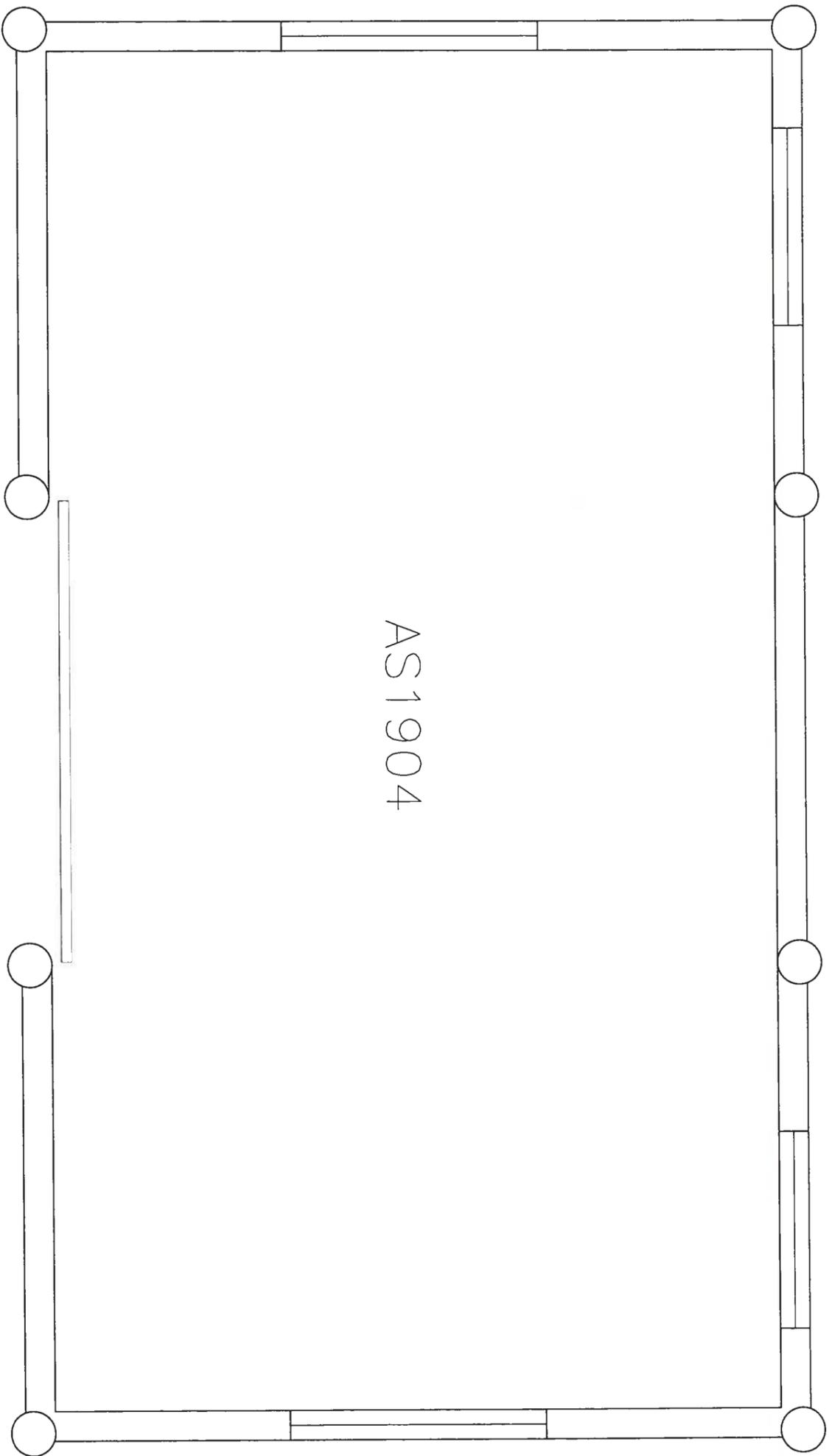
SCALE: 1:175

DRAWING #

AD2000



CONSERVATION, RESEARCH AND BIOLOGY CENTRE



AS1904



toronto
ZOO

ZOO COMPLEX S.I.C.

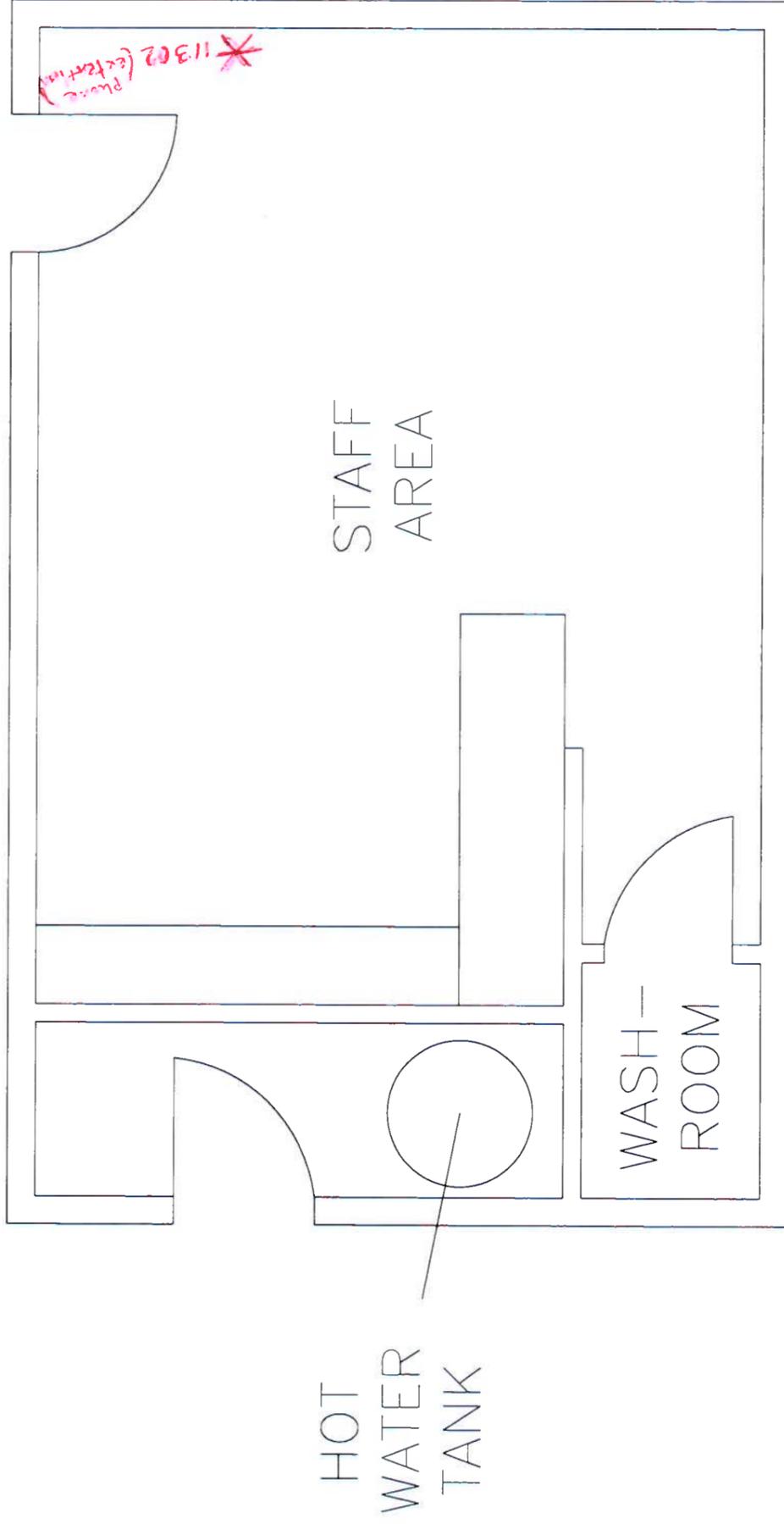
KESHO PARK HEADQUARTERS

LAST UPDATED: 2016-06-01

SCALE: NTS

DRAWING #

AS1904



toronto
ZOO

ZOO COMPLEX S.I.C.

Canadian Dominion
KEEPER OFFICE

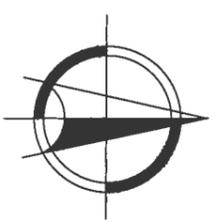
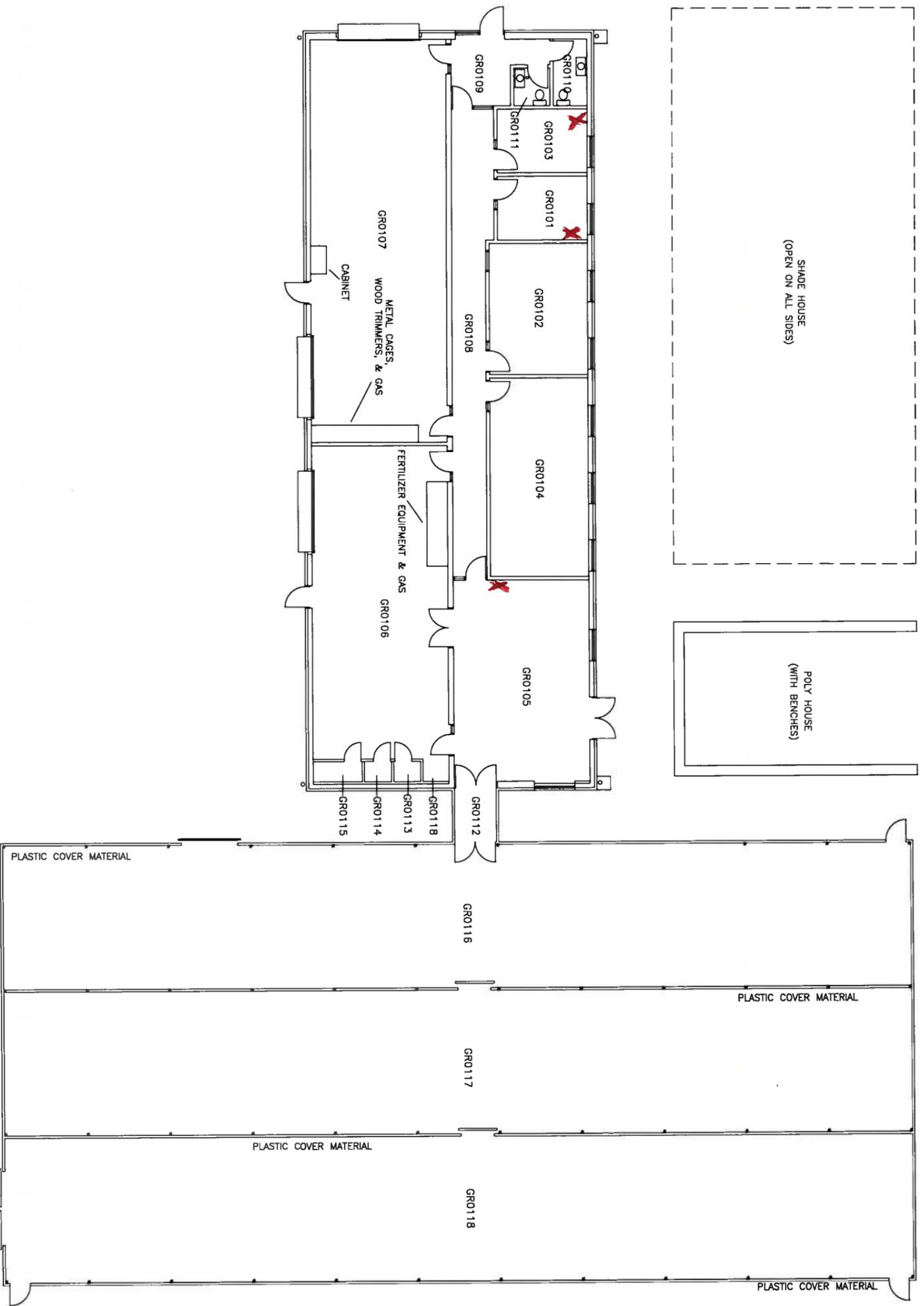
Outdoor Holding

LAST UPDATED: 2009-02-01

SCALE: 3/8" = 1'-0"

DRAWING #

OH0900



ZOO COMPLEX S.I.C.

HORTICULTURE CENTRE

LAST UPDATED: 2009-02-01

SCALE: 1:200

DRAWING #

GR0000

