

2020-04-23

**REQUEST FOR PROPOSAL
CONSULTING SERVICES FOR
ROOF REPLACEMENT
RFP #27 (2020-04)
ADDENDUM #2**

This addendum shall be incorporated into, and form part of RFP #27 (2020-04) and take precedence over all requirements of the previously issued bid documents including plans. This addendum must be signed by the bidder (signing officer) in the appropriate space and must be attached to the form for submission by the bidder. This addendum consists of **THREE (3)** page(s) and the documents listed below.

- 1. DRAWINGS:** Higher quality PDFs of the drawings for the Canopy Classroom and Giraffe Building have been attached to this addendum. Square footage for the Canopy Classroom is included on the drawing, and some dimensions have been clarified on Giraffe drawing A-4.

Canopy Classroom

A-4 Floor Plan
A-10 Sections & Elevations – Details 1,2,3
A-10 Sections & Elevations – Details 4,5
A-10 Sections & Elevations – Details 7,8,9

Giraffe House

A-4 Roof Plan
A-5 Sections
A-5 Sections – Detail 1
A-5 Sections – Detail 2
A-6 Elevations
A-7 Elevations
A-10 Wall Sections
A-10 Wall Sections – Detail 1
A-10 Wall Sections – Detail 2,3
A-10 Wall Sections – Detail 4
A-10 Wall Sections – Detail 5,6
A-10 Wall Sections – Detail 7,8,9
A-14 Sections – Detail 6

- 2. QUESTION:**

I have struggled with the provided drawing legibility to determine the sq. footages of the 3 properties for roof replacements and google maps is not much better as the trees are in the way. That being said, could you possibly give us the square footages for each of the 3 roofs that need repairs/replacements?

ANSWER:

Please see attached higher quality PDFs. We have included the roof area for the Canopy Classroom and clarified some dimensions for the Giraffe building.

3. QUESTION:

Is the Zoo looking for identical roof systems as existing, ie “like for like”? Or are they looking to make changes to the types of assemblies similar to adjacent areas/buildings, such as the Giraffe House and/or make changes to update the ‘R-values’ of each assembly area.

ANSWER:

The successful proponent shall provide the Zoo with a options for each building during the concept phase. The proponent shall provide pro/cons for each option as well as a rough budgetary cost for each option. The Zoo will select an option to proceed into detailed design.

4. QUESTION:

Can you provide updated dwgs for the Giraffe House identifying the new addition?

ANSWER:

The Zoo was unable to locate roofing drawings showing the new addition. Instead, we have indicated the approximate roof sections that have been removed due to the addition. For clarification: The Zoo is only looking to replace the roof on the older section of the giraffe building (cedar roof), and not the roof on the newer section (standing seam).

5. SCHEDULE:

Note that construction for all roofs has been moved to 2021 and the design schedule has been adjusted accordingly.

Delete Schedule of Events:

Pre-Award	
Release of RFP	2020-04-03
Proponents' Question Deadline	2020-04-13
Submission Due	2020-04-17
Interviews, if necessary	Week of 2020-04-27
Notification of Award By the Toronto Zoo	Week of 2020-04-27
Post-Award	
Preliminary Draft Design Due for All Roofs	2020-07-01
Final Design Due For One Roof Selected as Priority for 2020	2020-07-31
Tender For One Roof Selected as Priority for 2020	2020-08
Construction For One Roof Selected as Priority for 2020	2020-09 to 2020-10
Tender and Construction for Remaining Roofs	2021

Replace with Schedule of Events (Rev.)

Pre-Award	
Release of RFP	2020-04-03
Proponents' Question Deadline	2020-04-13
Submission Due	2020-05-01
Interviews, if necessary	Week of 2020-05-04
Notification of Award By the Toronto Zoo	Week of 2020-05-04
Post-Award	
Preliminary Draft Design Due	2020-08-15

Final Design Due	2020-10-01
Tender	2020-10
Construction	2021

Receipt of the addendum shall be acknowledged as part of your submission.

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.

If you have any queries regarding this matter, please contact Mr. Peter Vasilopoulos, Supervisor, Purchasing & Supply, at 416-392-5916.

Yours truly,

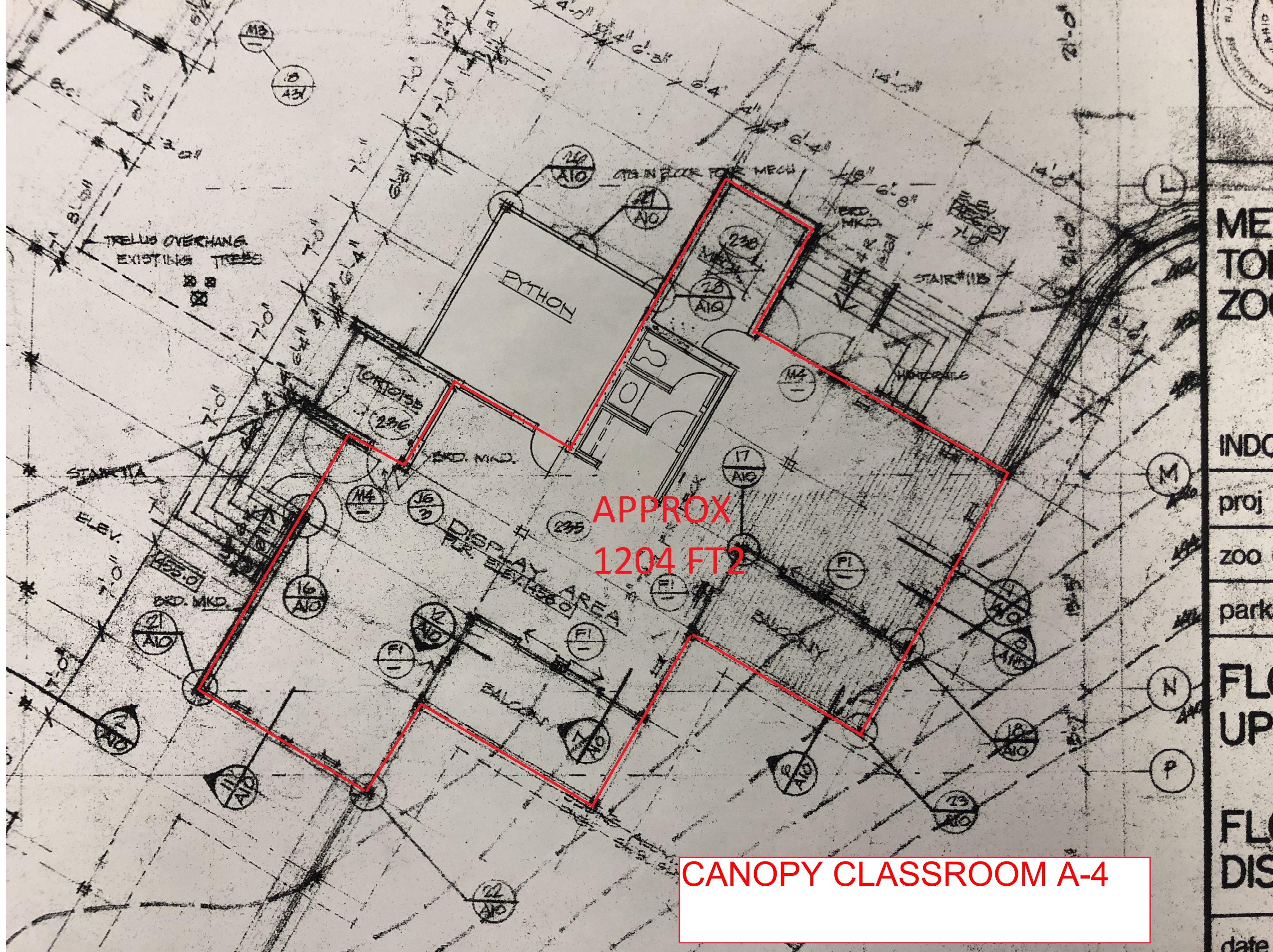
Peter Vasilopoulos
Supervisor, Purchasing & Supply

I/we hereby acknowledge receipt of this addendum and make allowance in my bid.

Signed (Must be Signing Officer of Firm)

Name of Firm

Date



APPROX
1204 FT2

CANOPY CLASSROOM A-4

ME
TO
ZO

INDO

proj

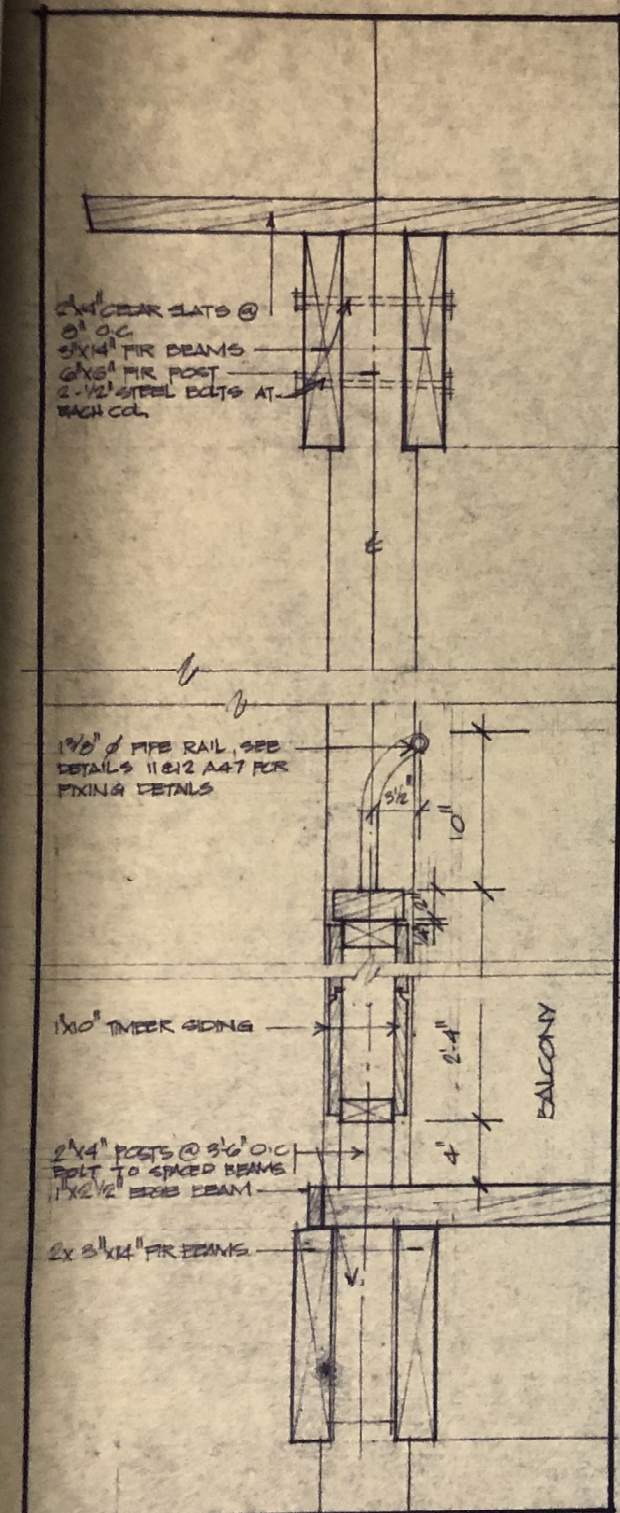
ZOO

park

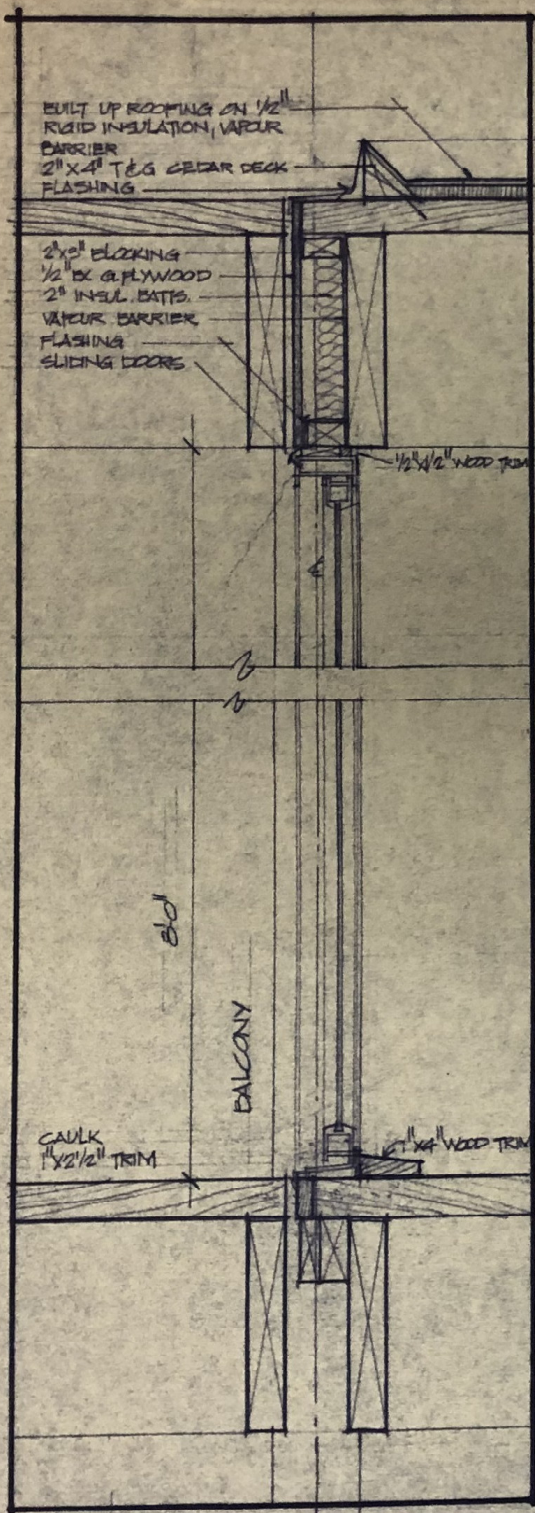
FLO
UP

FLO
DIS

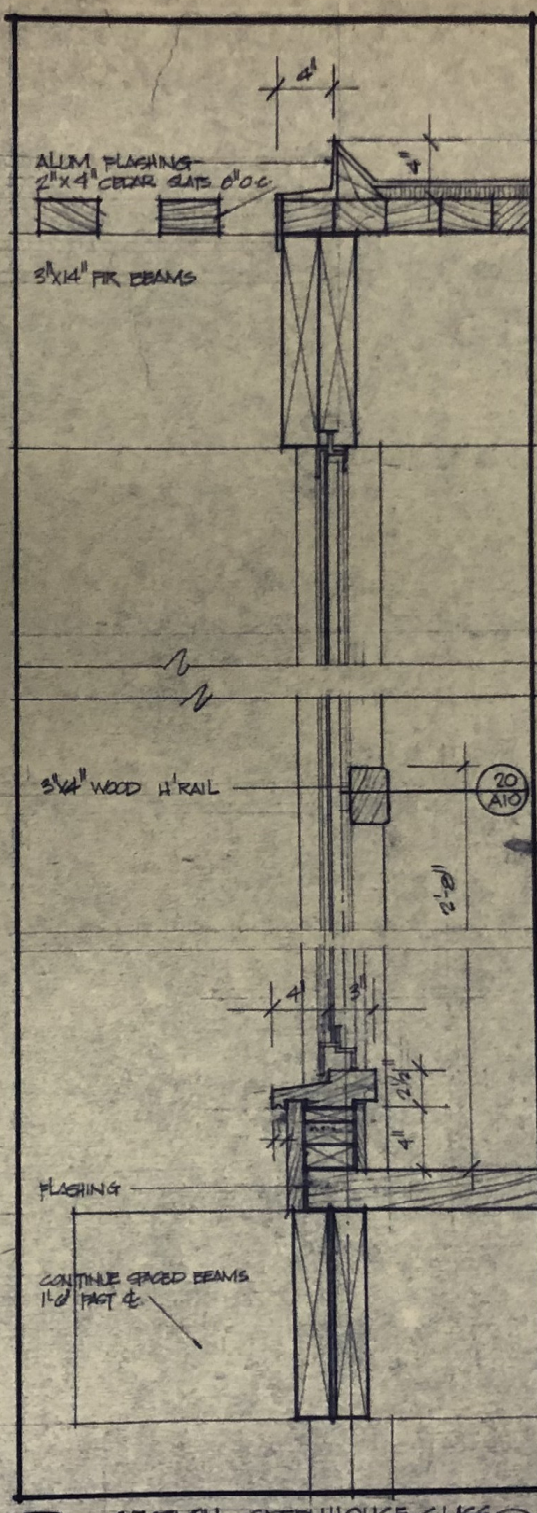
date



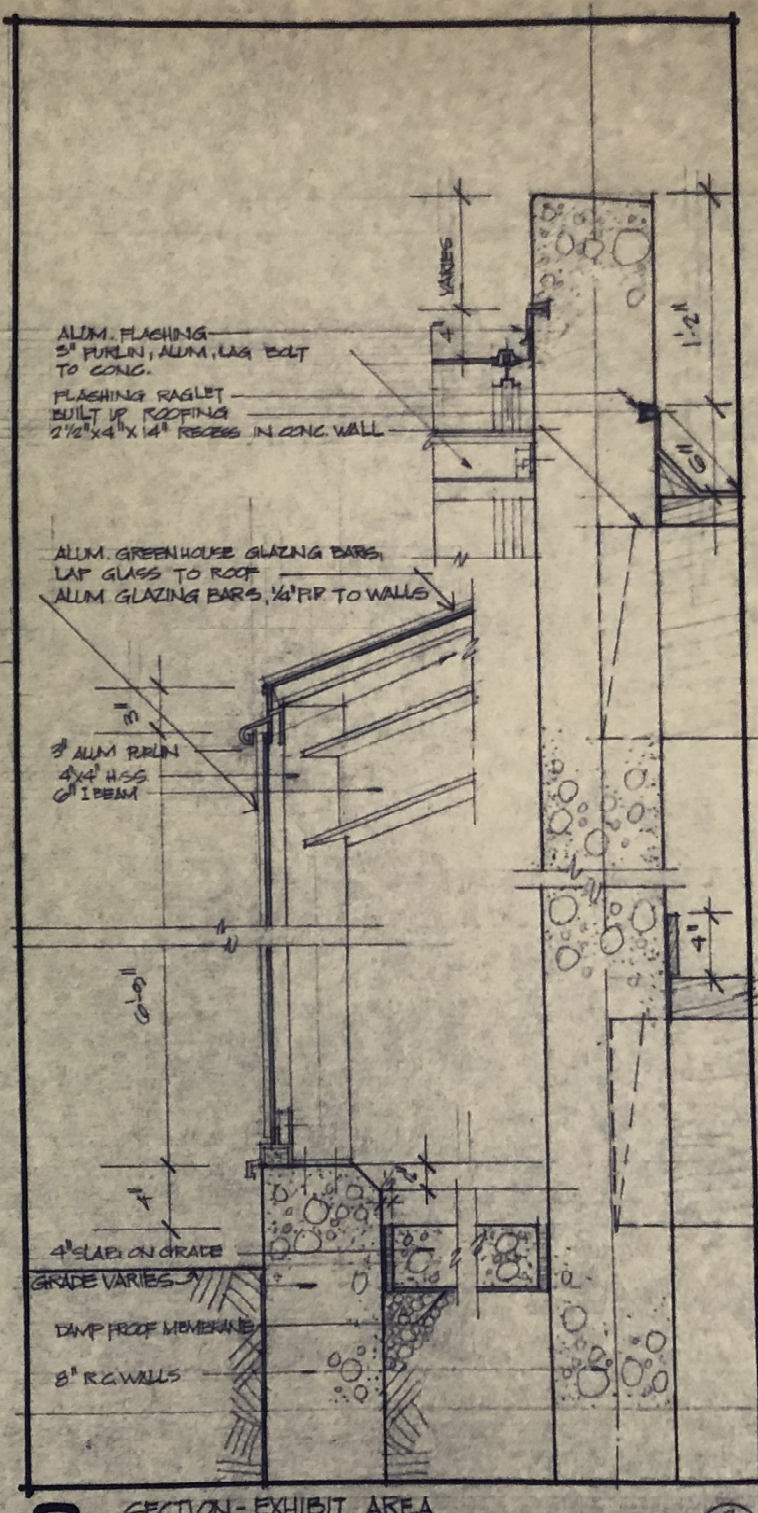
6 SECTION - BALCONY EDGE & HANDRAIL
SCALE 1/2" = 1'-0"
2/A4



7 SECTION - SLIDING DOORS AT SPACED BEAM
SCALE 1/2" = 1'-0"
2/A4



8 SECTION - GREENHOUSE GLASS AT CROSS BRACING BEAM
SCALE 1/2" = 1'-0"
2/A4



9 SECTION - EXHIBIT AREA
SCALE 1/2" = 1'-0"
2/A4

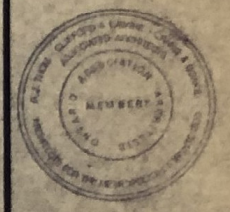
CANOPY CLASSROOM A-10

Clifford & Lawrie
 Crang & Boake
 Architects for the
 Metropolitan Toronto Zoo

MS Yolles Associates Ltd.
 Structural Engineers

H H Angus & Assoc. Ltd.
 Mech. & Elect. Engineers

Johnson, Sustronk, Weinstein
 and Associates Ltd.
 Landscape Architects



**METROPOLITAN
 TORONTO
 ZOO**

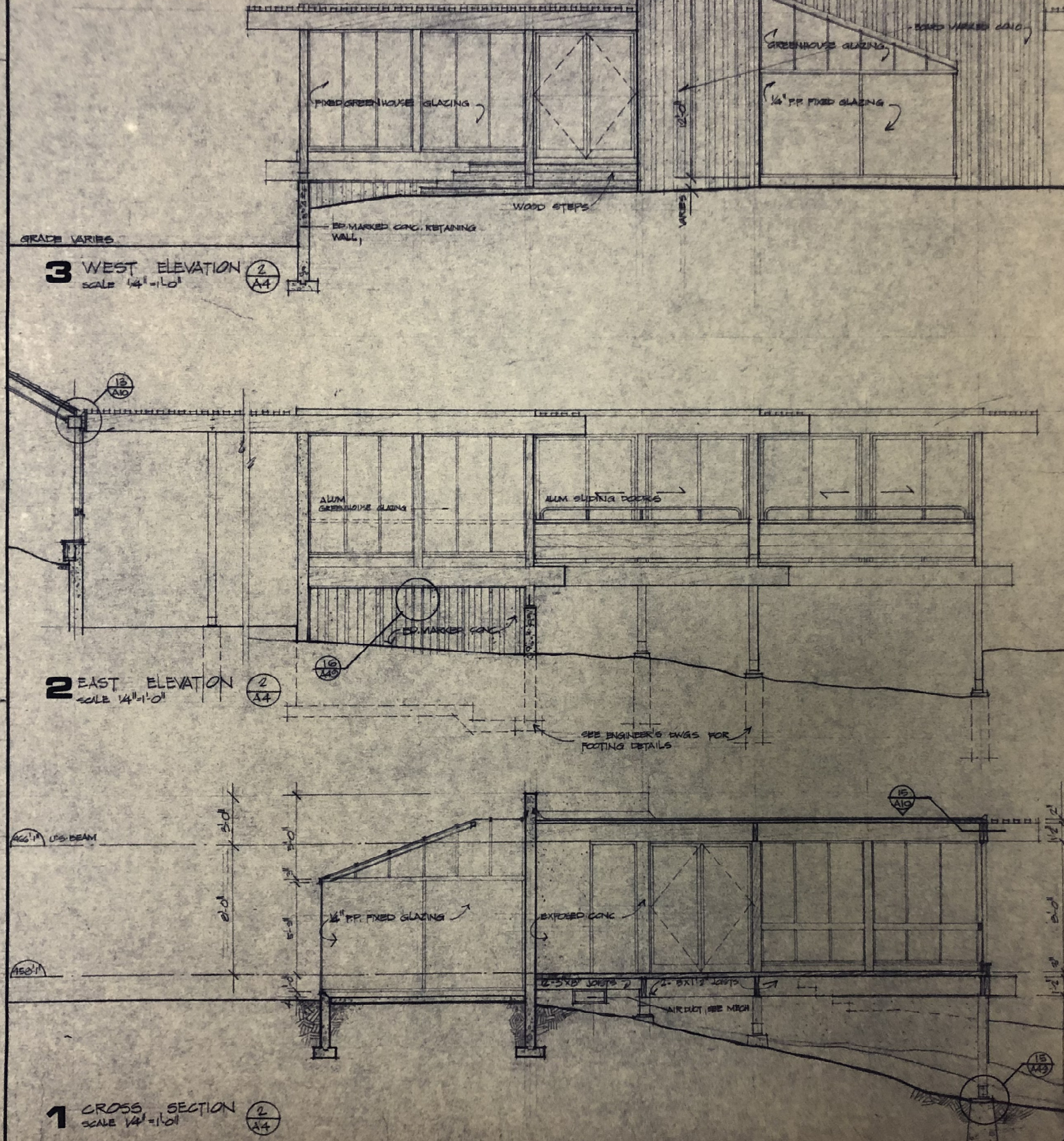
INDOMALAYA PAVILION

proj office
 zoo director
 parks dept.

**DISPLAY AREA
 BUILDING
 ELEVATIONS
 SECTIONS
 & DETAILS**

date 7 APRIL 1972
 scale AS NOTED
 drawn T.E.
 checked
 contract no. Z-11-72
 contract package no. 2
 drawing no.

A10



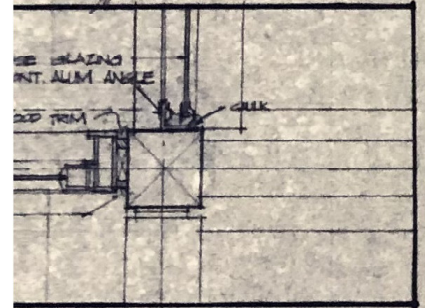
3 WEST ELEVATION
 SCALE 1/4" = 1'-0"

2 EAST ELEVATION
 SCALE 1/4" = 1'-0"

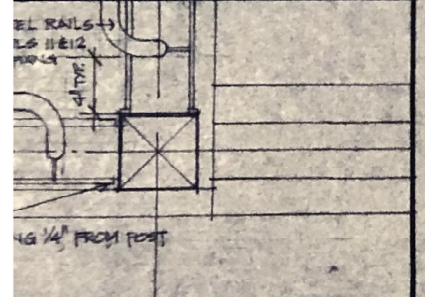
1 CROSS SECTION
 SCALE 1/4" = 1'-0"

DETAILS SIMILAR TO DETAIL R-21
 EXCEPT 3/4" TO BEAR ON
 2" X 8" MEMBER

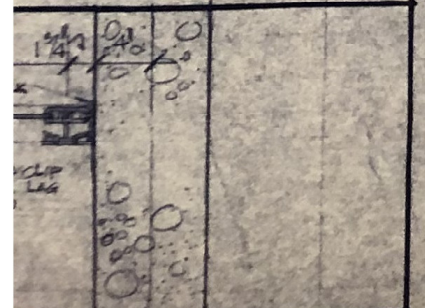
GLASS CONNECTION AT



PLAN - GREENHOUSE GLAZING,
 SLIDING DOOR AT POST
 SCALE 1/2" = 1'-0"

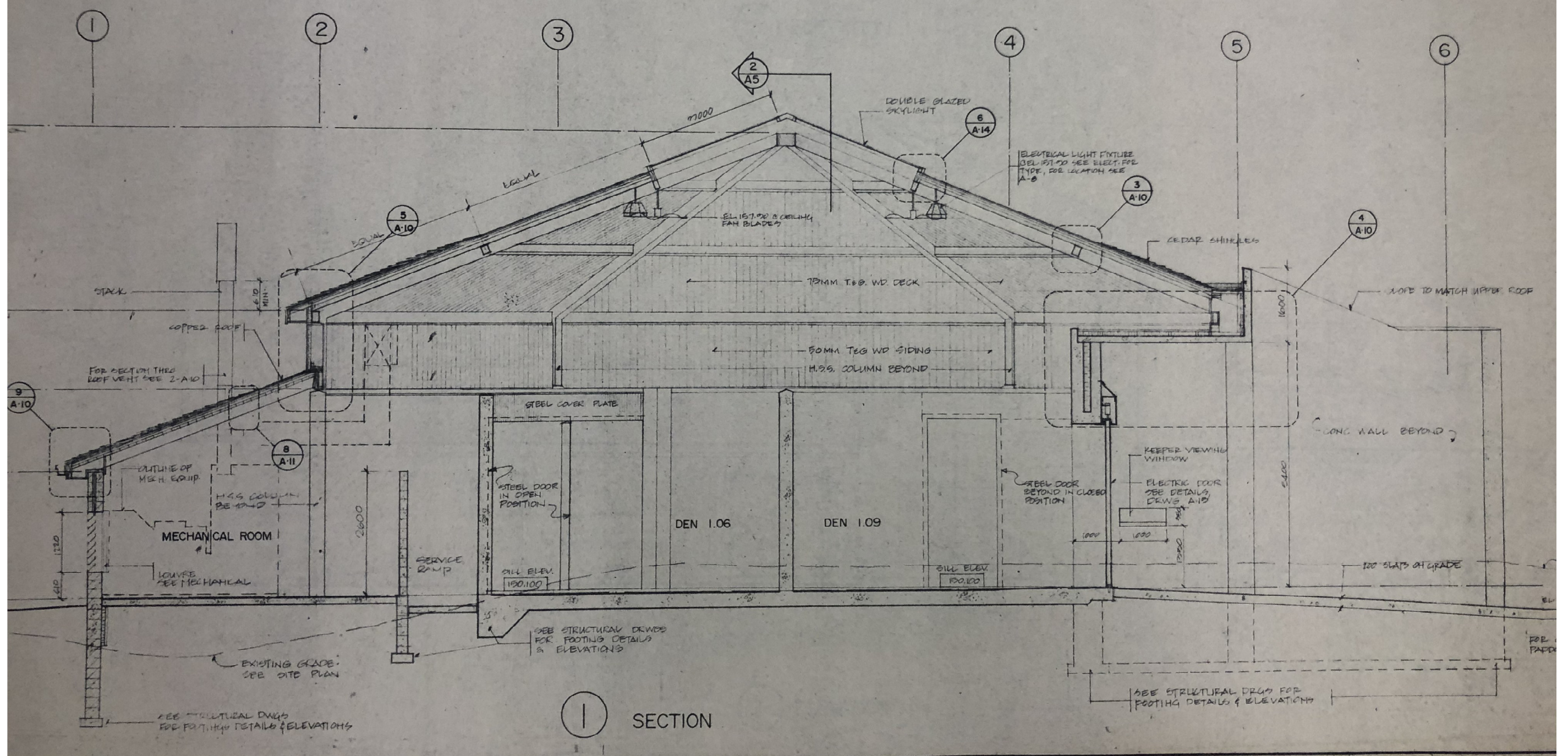
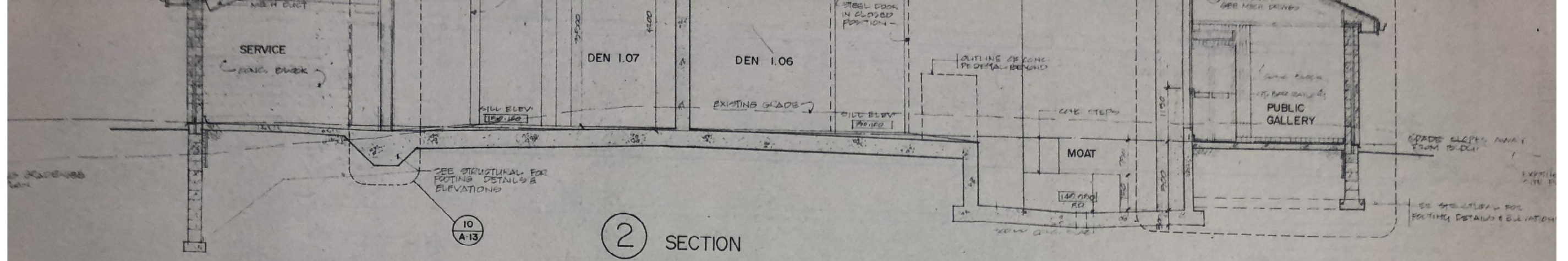


PLAN - HANDRAILS AT
 BALCONY
 SCALE 1/2" = 1'-0"

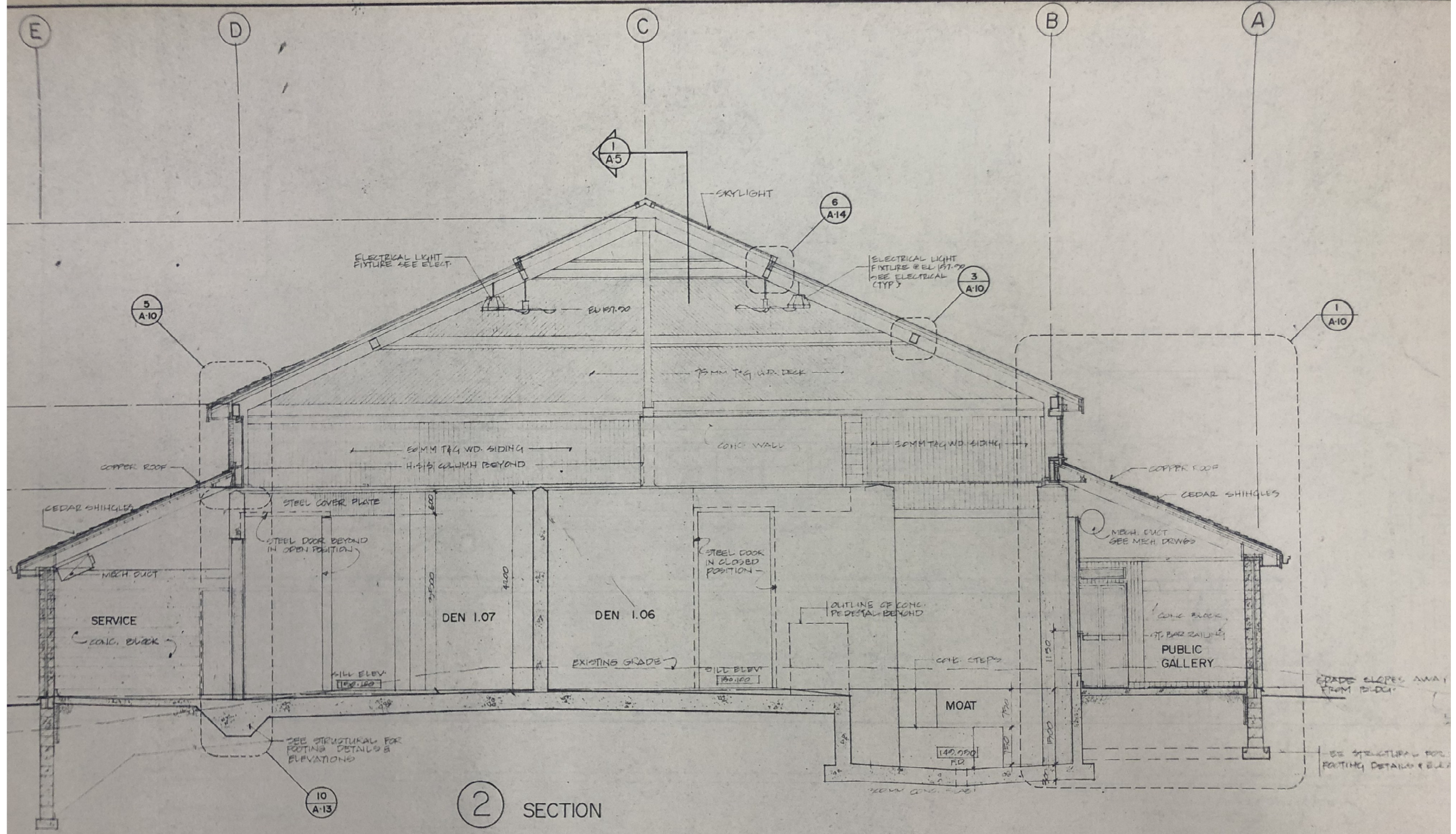


PLAN, GREENHOUSE VERT
 GLAZING AT CONC.
 SCALE 1/2" = 1'-0"

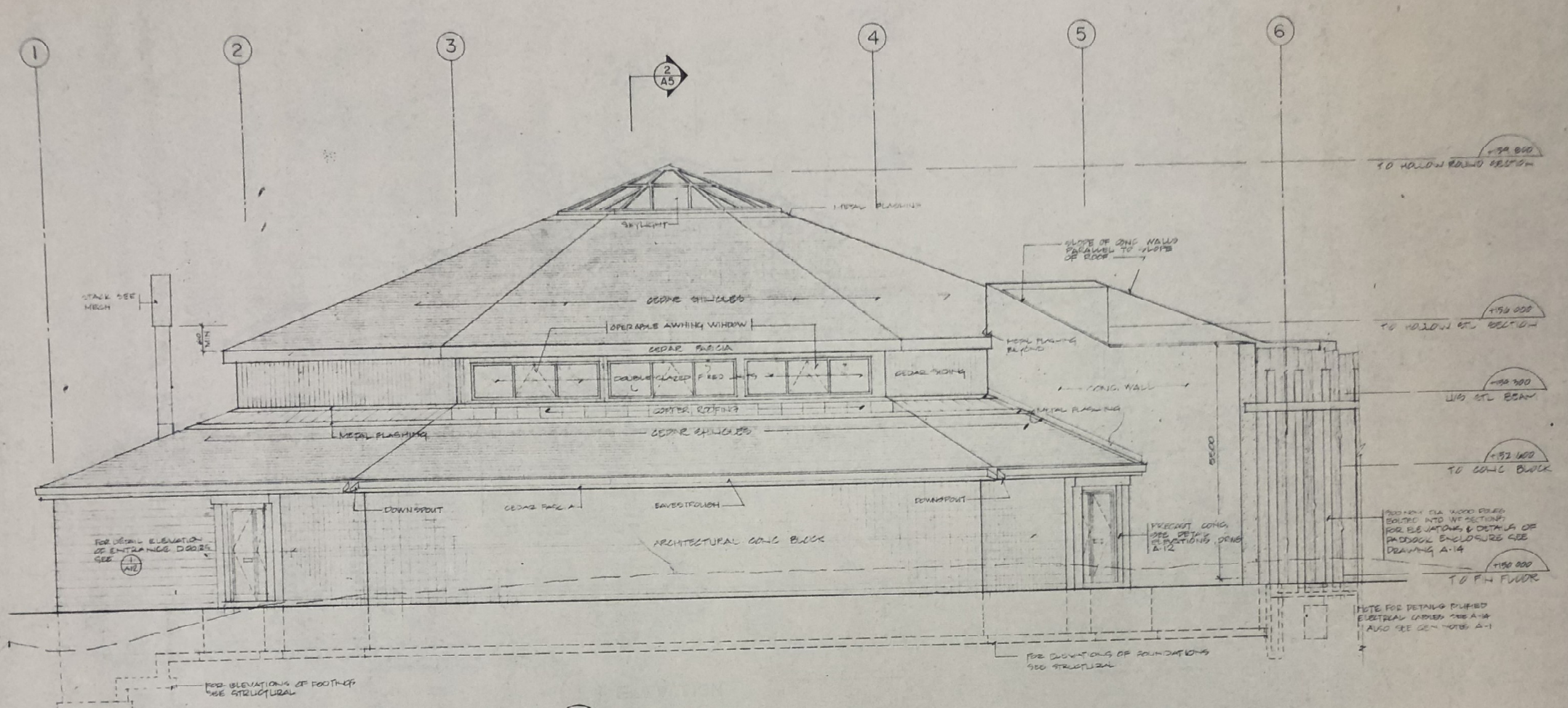
CANOPY CLASSROOM A-10



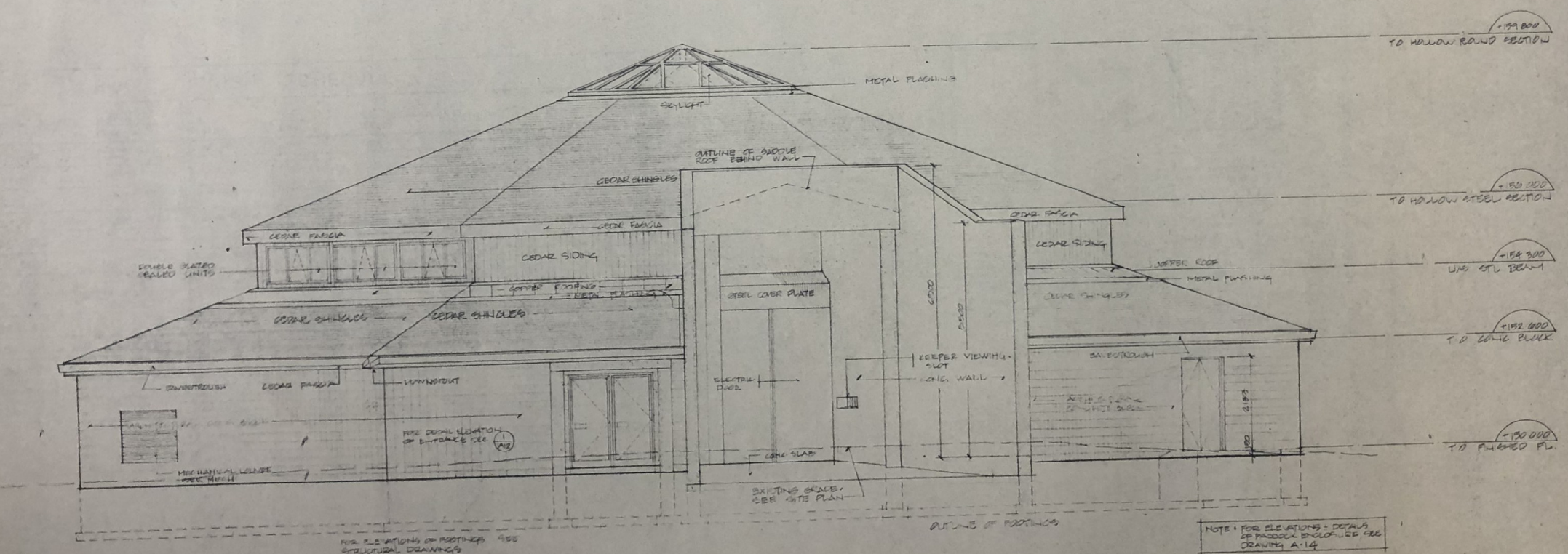
GIRAFFE A-5



GIRAFFE A-5



2 ELEVATION



1 ELEVATION

- GENERAL NOTES
- 1) ALL DIMENSIONS ARE TO BE LOCATED BY CONSTRUCTION DIMENSIONS
 - 2) ALL METAL WORK TO BE GALVANNEZED INCLUDING HANGERS, BOLTS & NUTS
 - 3) INTERIOR CONCRETE JOINTS TO BE FURNISHED WITH PAST-JOINT TO BE SHOWN
- MAILED FOR TENDER
SEPT 24 / 1961

Architects
for the
Metro Toronto Zoo

clifford
lawrie
bolton
ritchie
architects
1291 yonge street, toronto

Pachyderm House
METRO TORONTO ZOO

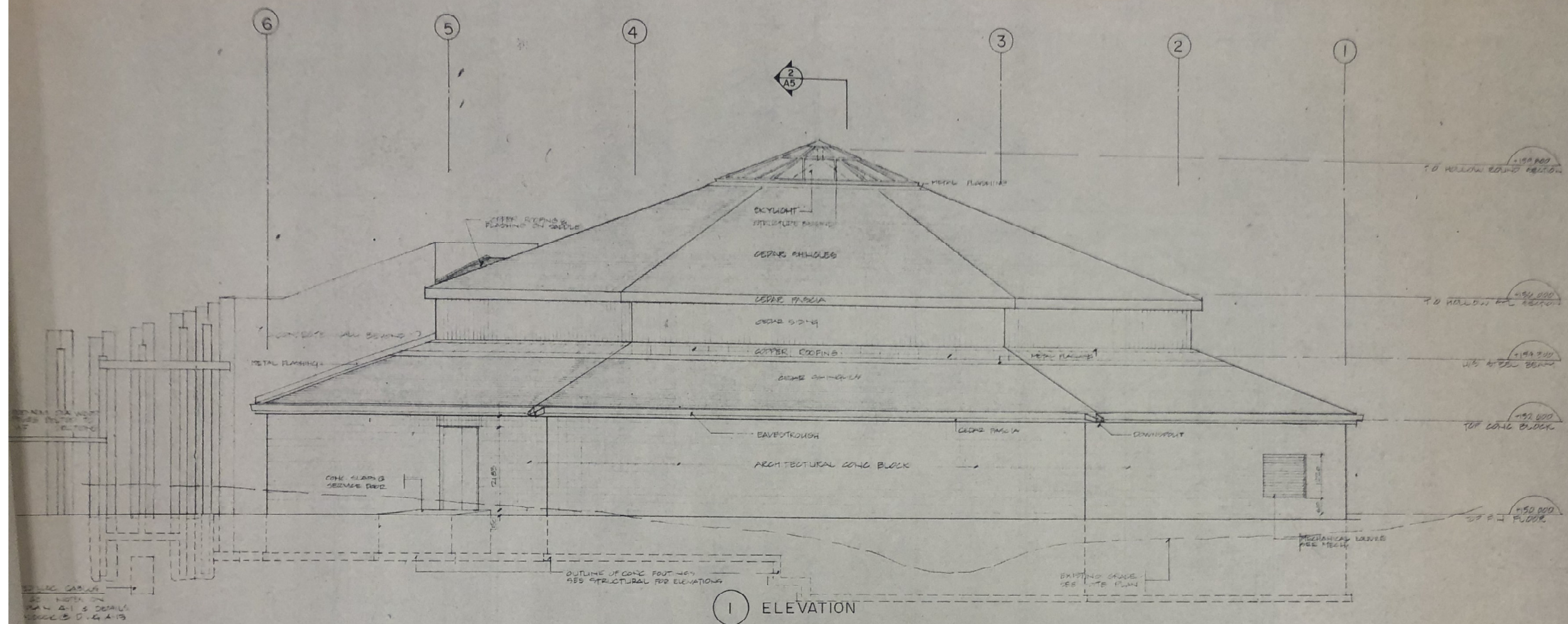
Elevations

scale 1:50
date SEPT. 1961

drawn JKB
checked EKH

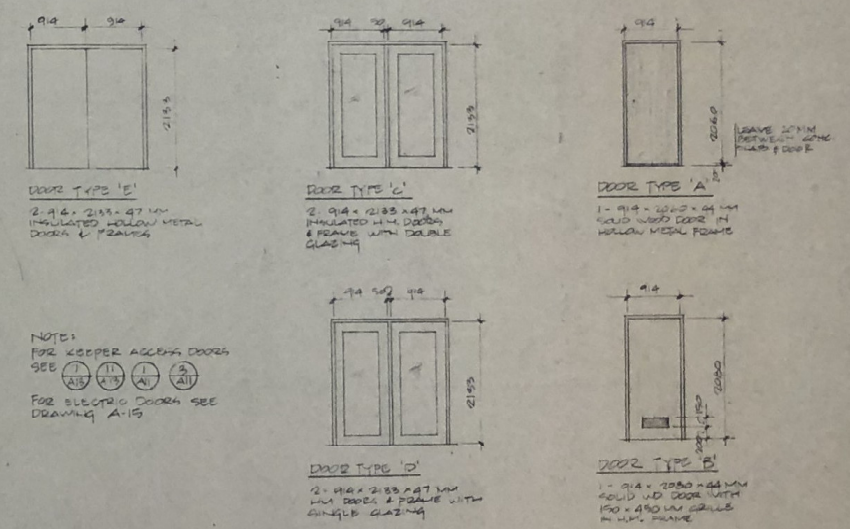
project no.
drawing no. A-6

GIRAFFE A-6



1 ELEVATION

Room No	ROOM FINISH SCHEDULE				Base	Floor	Ceiling
	Walls	North	South	East			
MECH. 1.01	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG 150 MM SEALED	CONG SEALED	
VESTIBULE 1.02	CEDAR SIDING	CEDAR SIDING	CEDAR SIDING	CEDAR SIDING	150 MM QUARRY TILE	QUARRY TILE	CEDAR SIDING
PUBLIC 1.03	CEDAR SIDING	CEDAR SIDING	CONG SEALED	CONG BLK SEAMLESS COATING	150 MM QUARRY TILE	QUARRY TILE	EXPOSED
VESTIBULE 1.04	CEDAR SIDING	CEDAR SIDING	CEDAR SIDING	CEDAR SIDING	150 MM QUARRY TILE	QUARRY TILE	CEDAR SIDING
MOAT 1.05	CONG SEALED	CONG SEALED	CONG SEALED	CONG SEALED			
DEN 1.06	CONG SEALED	CONG SEALED	CONG SEALED		CONG 150 MM SEALED	CONG SEALED	
DEN 1.07	"	"	"	CONG SEALED	CONG 150 MM SEALED	"	
DEN 1.08	"	"	"	"	"	"	
DEN 1.09	"	"	"	"	"	"	
STAFF ROOM 1.10	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG 150 MM SEALED	CONG SEALED	EXPOSED W/ JOINT & DECK
CORRIDOR 1.11	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG BLK SEAMLESS COATING	CONG SEALED			
WASHROOM 1.12	"	"	"	CONG BLK SEAMLESS COATING			
RAMP 1.13	"	CONG SEALED		CONG SEALED			



DOOR SCHEDULE

NOTED FOR TENDERS SEPT 24/81

GENERAL NOTES

- 1) ALL DIMENSIONS TO BE CHECKED BY CONTRACTOR ON THE SITE
- 2) ALL METAL WORK TO BE GALV INCLUDING HANDS, RAILS & STAIRS
- 3) INTERIOR CONG FILL SHALL TO BE FLUSH EXTERIOR JOINTS TO BE SAVED

Architects
for the
Metro Toronto Zoo

clifford
lawrie
bolton
ritchie
architects
1251 yonge street, toronto

Pachyderm House
METRO TORONTO ZOO

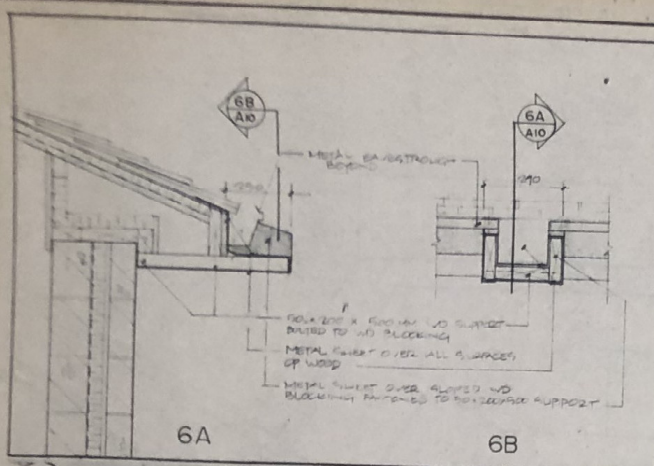
Elevations
Schedules

scale
1:50
date
MAY 1981

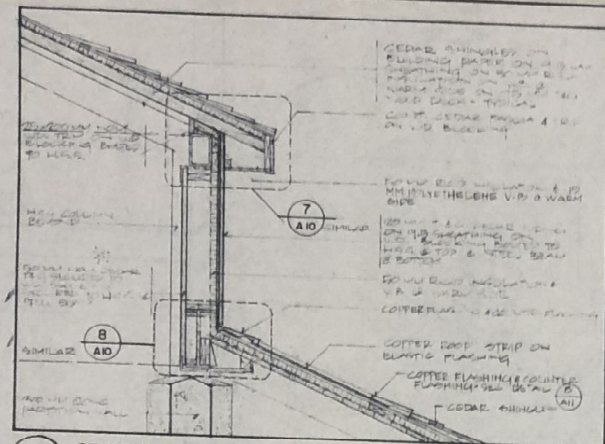
drawn
JKB
checked
BNS

project no.
drawing no.
A-7

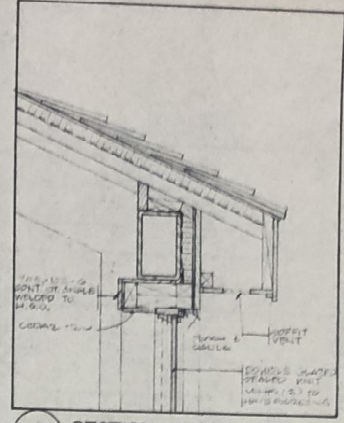
GIRAFFE A-7



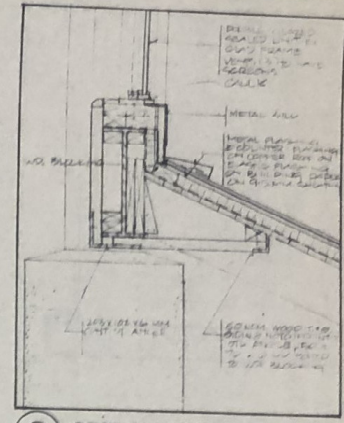
6 SECTION DETAIL AT WATERSPOUT
SCALE 1:10



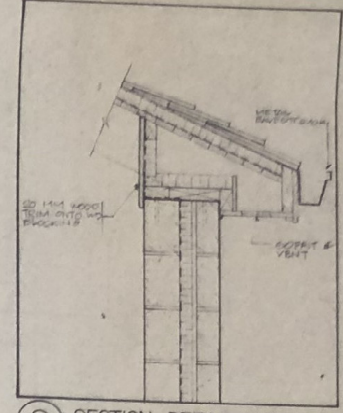
5 SECTION DETAIL AT UPPER WALL
SCALE 1:20



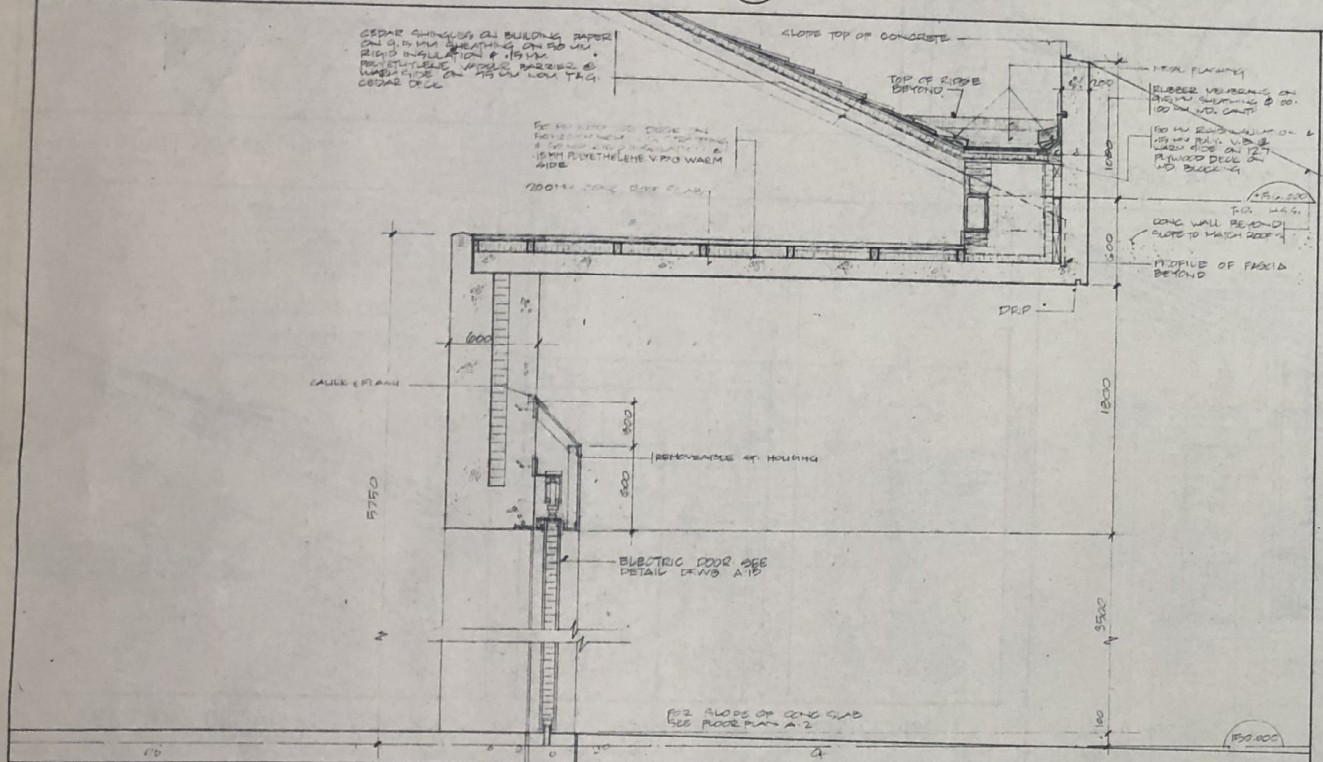
7 SECTION DETAIL - UPPER ROOF
SCALE 1:10



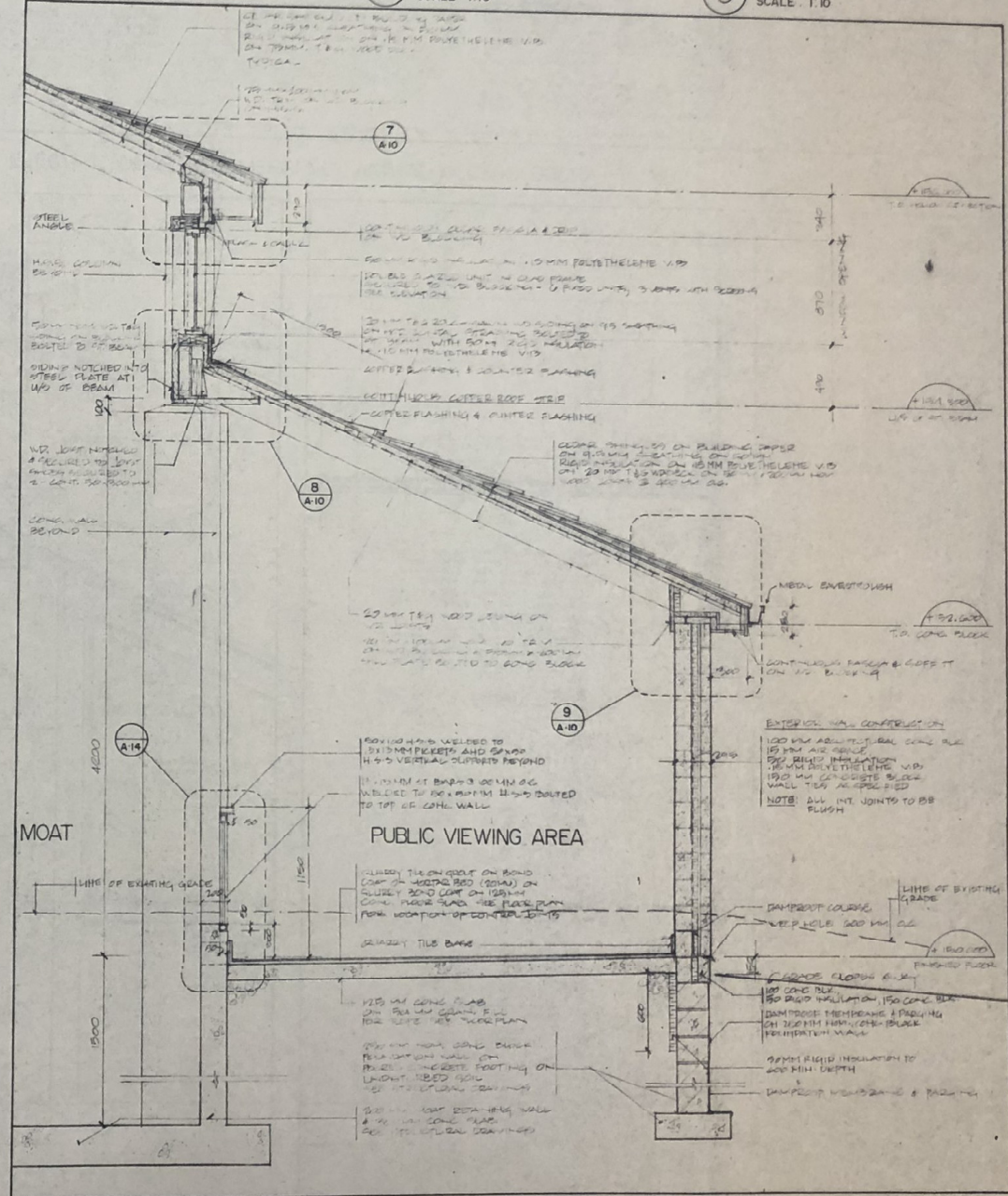
8 SECTION DETAIL - UPPER WALL
SCALE 1:10



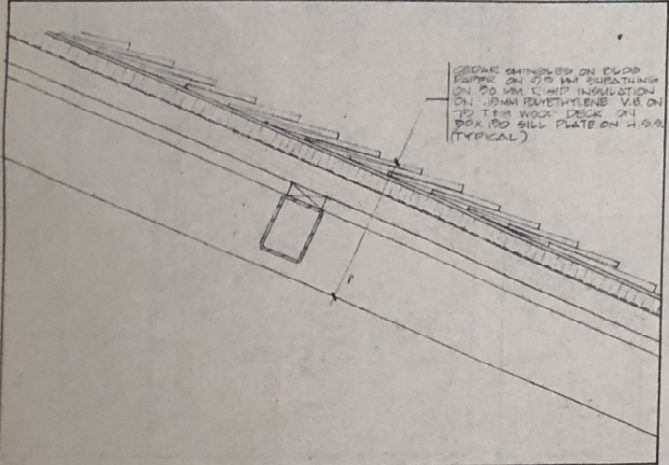
9 SECTION DETAIL - LOWER ROOF
SCALE 1:10



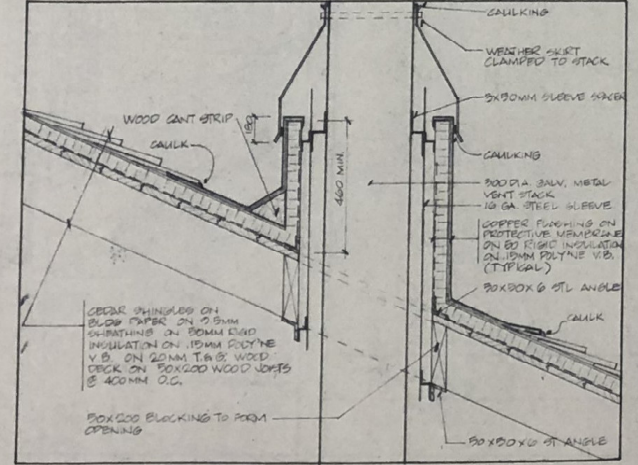
4 SECTION THRU ELEPHANT ENTRANCE
SCALE 1:20



1 WALL SECTION AT PUBLIC VIEWING AREA
SCALE 1:20



3 SECTION DETAIL AT UPPER ROOF
SCALE 1:10



2 SECTION AT VENT STACK
SCALE 1:10

REVISED FOR TENDR
SEPT 24 '81

- GENERAL NOTES
- 1) ALL DIMENSIONS TO BE AS NOTED UNLESS OTHERWISE NOTED.
 - 2) ALL METAL SHALL BE GALVANNEAL STEEL UNLESS OTHERWISE NOTED.
 - 3) ALL JOINTS SHALL BE BUTTERED TO HAVE FLUSH JOINTS. EXTERIOR FLUSH JOINTS TO BE RASPED.

Architects
for the
Metro Toronto Zoo

clifford
lawrie
bolton
ritchie
architects
1251 yonge street, toronto

Pachyderm House

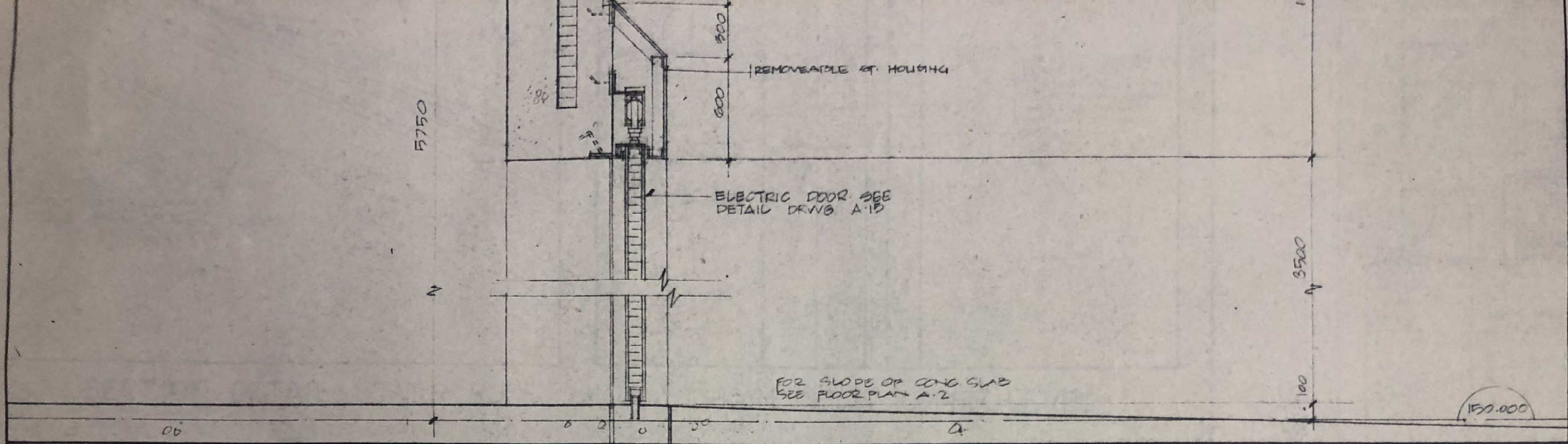
METRO TORONTO ZOO

Wall Sections

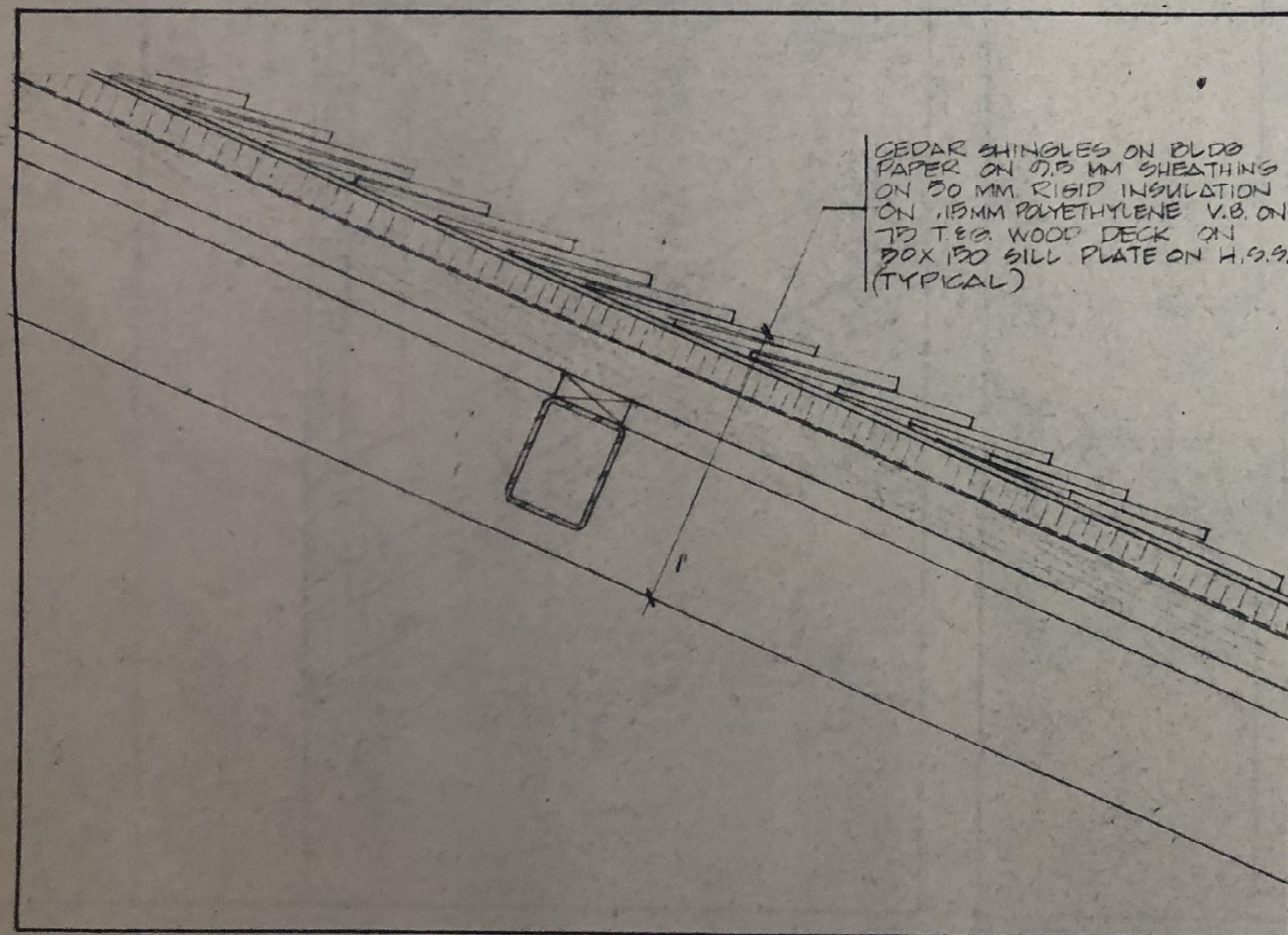
scale AS NOTED
date Sept '81

drawn EKS
checked EKS
project no.
drawing no. A-10

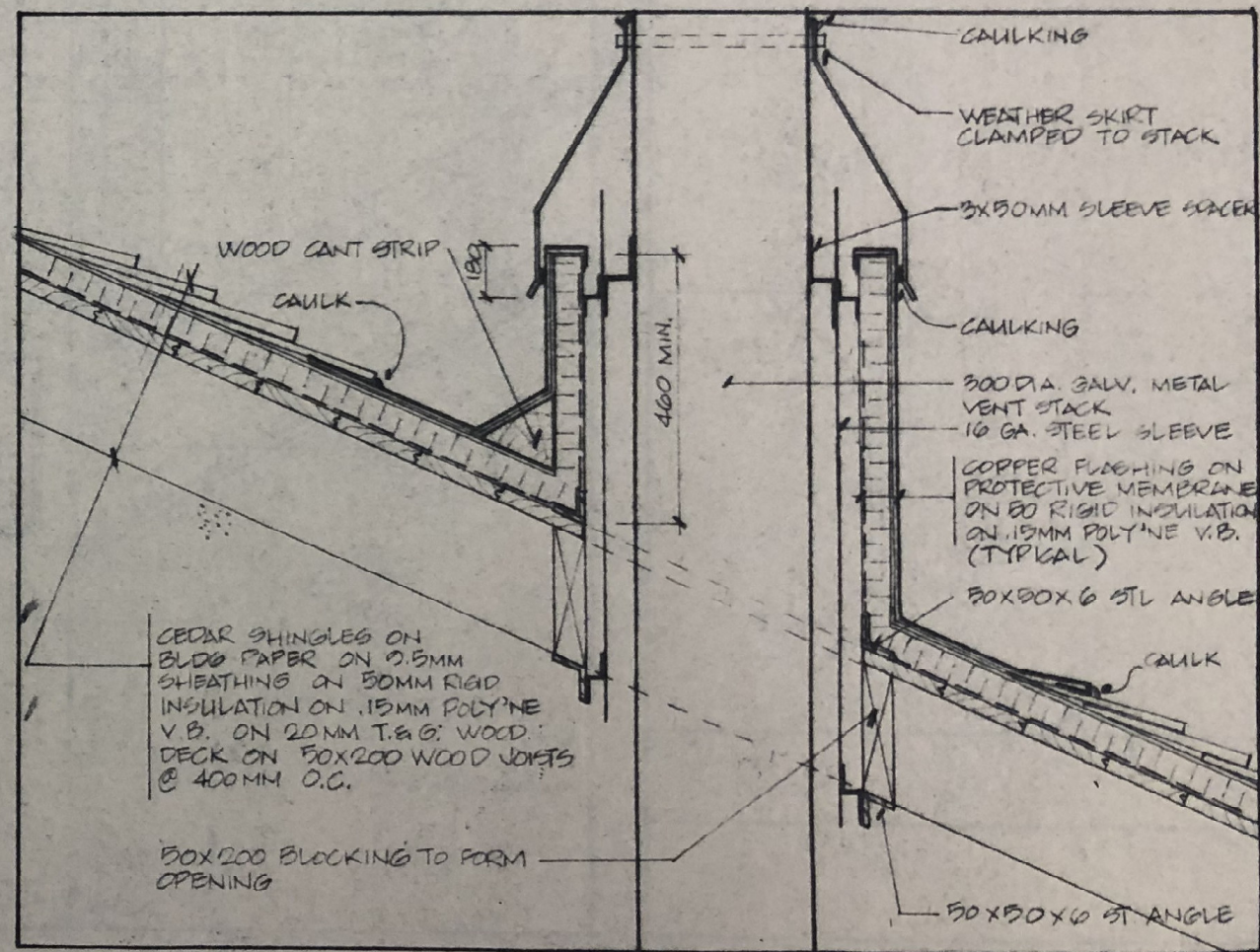
GIRAFFE A-10



4 SECTION THRU ELEPHANT ENTRANCE
SCALE: 1:20



3 SECTION DETAIL AT UPPER ROOF
SCALE 1:10



2 SECTION AT VENT STACK
SCALE 1:10

6A

6B

6 SECTION DETAIL AT WATERSPOUT SCALE 1:10

5 SECTION DETAIL AT UPPER WALL SCALE 1:20

CEDAR SHINGLES ON BUILDING PAPER ON 9.5 MM SHEATHING ON 50 MM RIGID INSULATION & 19 MM POLYETHYLENE VAPOUR BARRIER @ WARM SIDE ON 45 MM NOM. T&G CEDAR DECK

50 MM NOM. WD. DECK ON 50 MM NOM. WD. STRAPPING & 50 MM RIGID INSULATION & 15 MM POLYETHYLENE V.P.B. @ WARM SIDE

200MM CONC ROOF SLAB

SLOPE TOP OF CONCRETE

TOP OF RIDGE BEYOND

METAL FLASHING
RUBBER MEMBRANE ON 9.5 MM SHEATHING & 100 MM WD. CANT

50 MM RIGID INSULATION @ WARM SIDE ON 12.7 PLYWOOD DECK ON WD. BLOCKING

CONC WALL BEYOND
SLOPE TO MATCH ROOF

PROFILE OF FASCIA BEYOND

DRIP

CAULK & FLASH

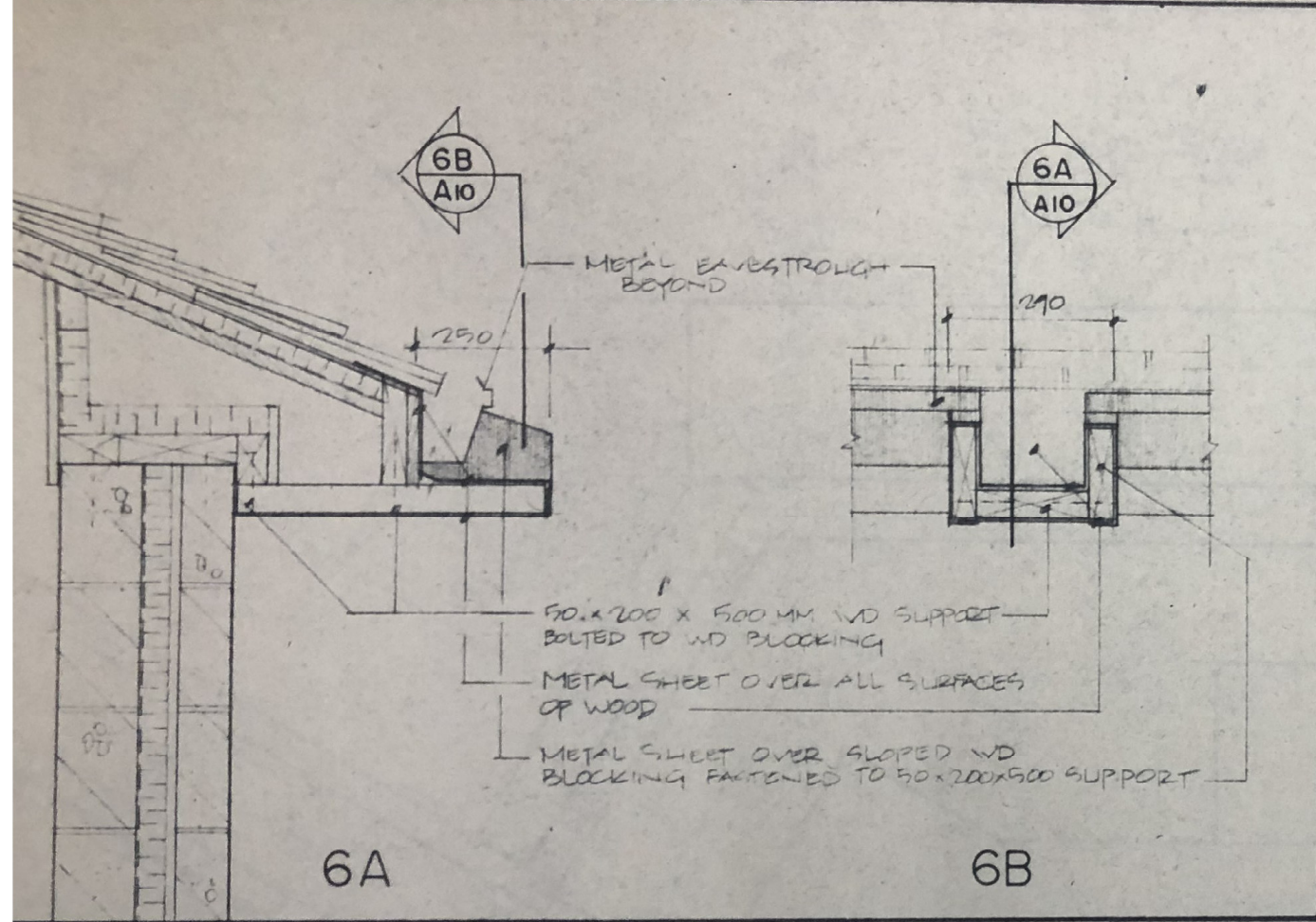
REMOVEABLE ST. HOUSING

ELECTRIC DOOR. SEE
DETAIL DRWG A-15

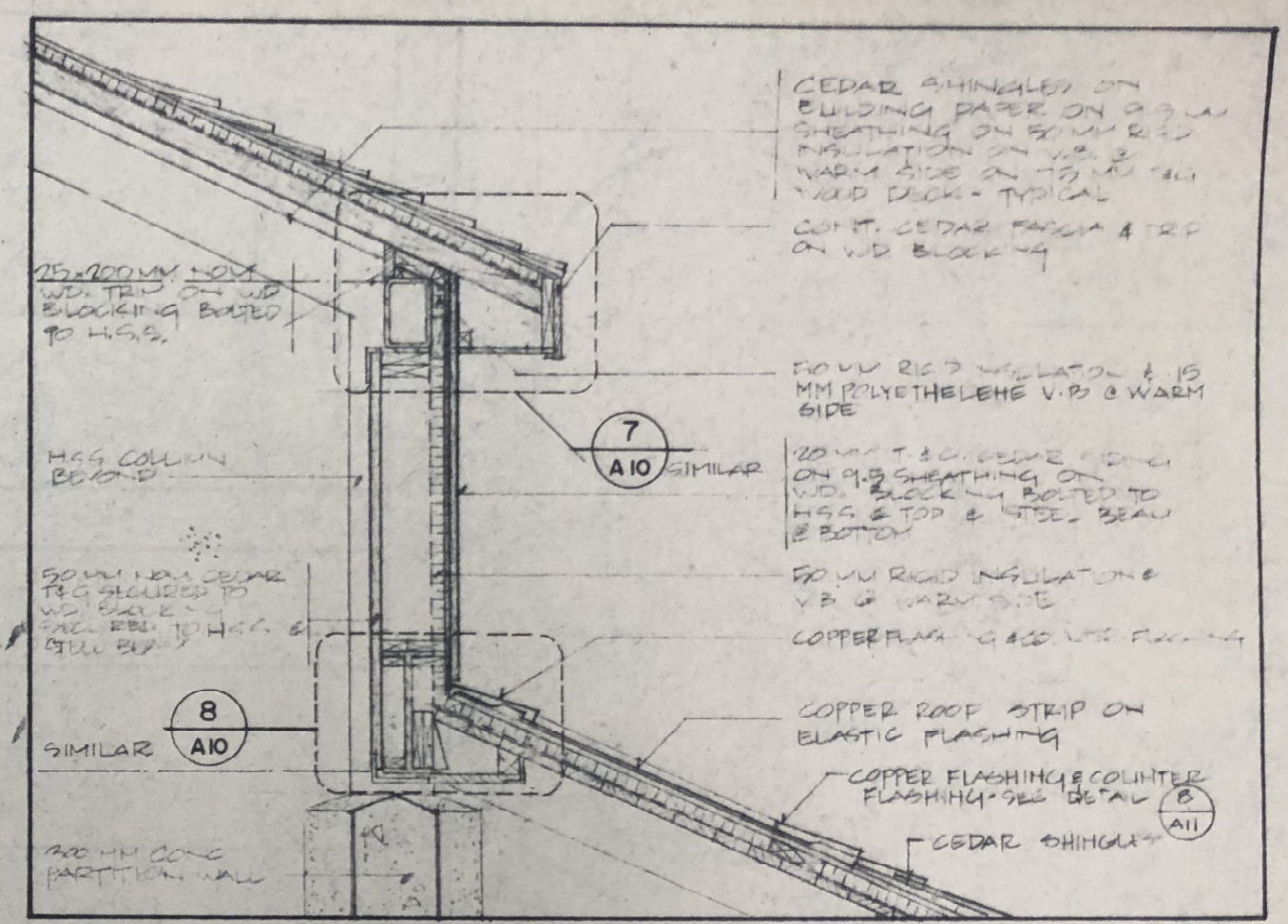
FOR SLOPE OF CONC SLAB
SEE FLOOR PLAN A-2

7 SECTION THRU ELEPHANT ENTRANCE SCALE 1:20

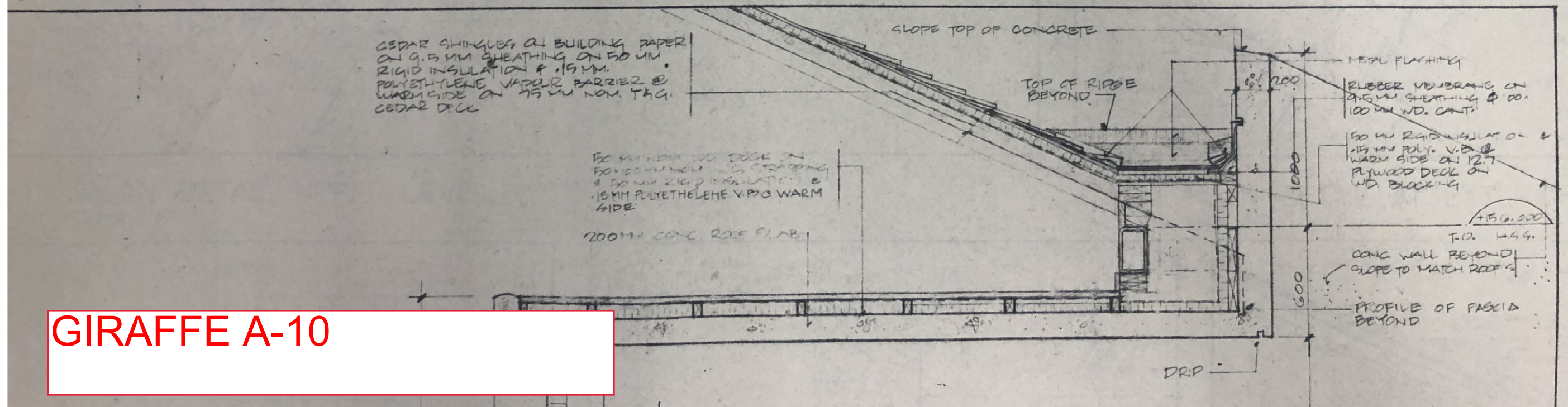
GIRAFFE A-10



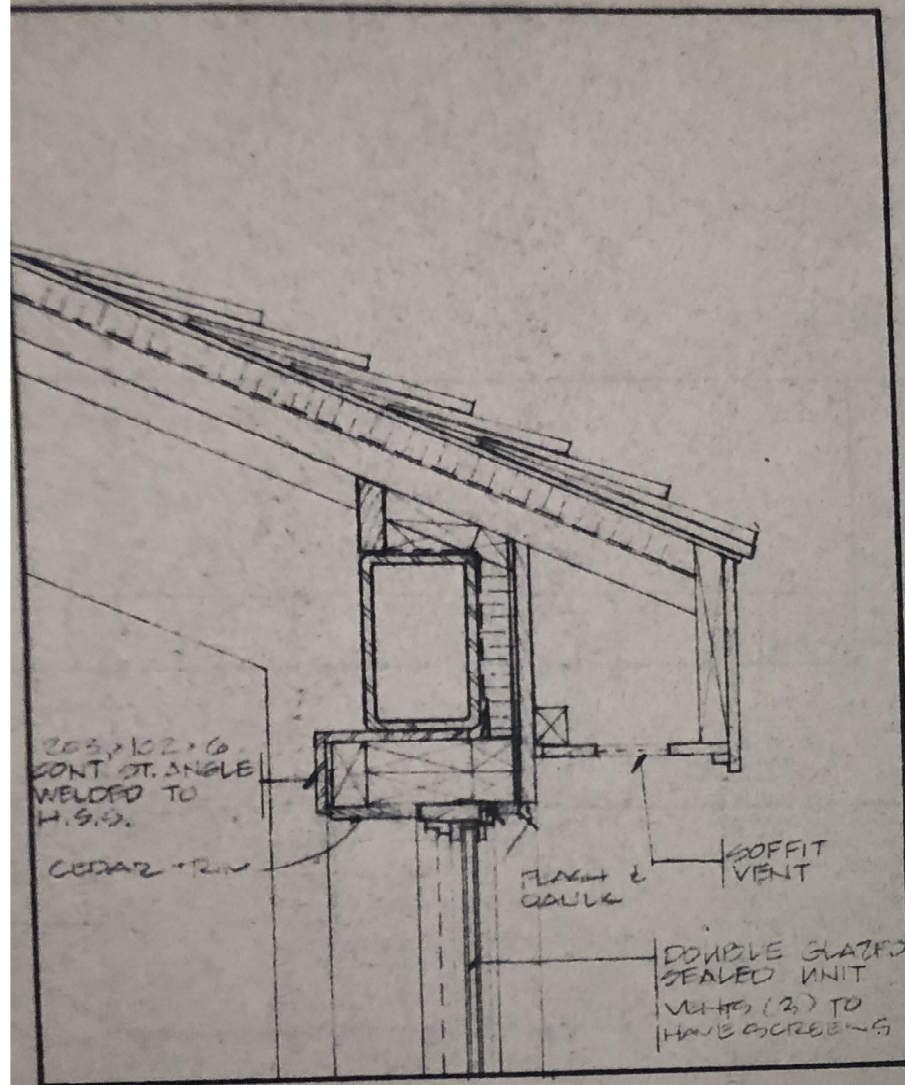
6 SECTION DETAIL AT WATERSPOUT
SCALE 1:10



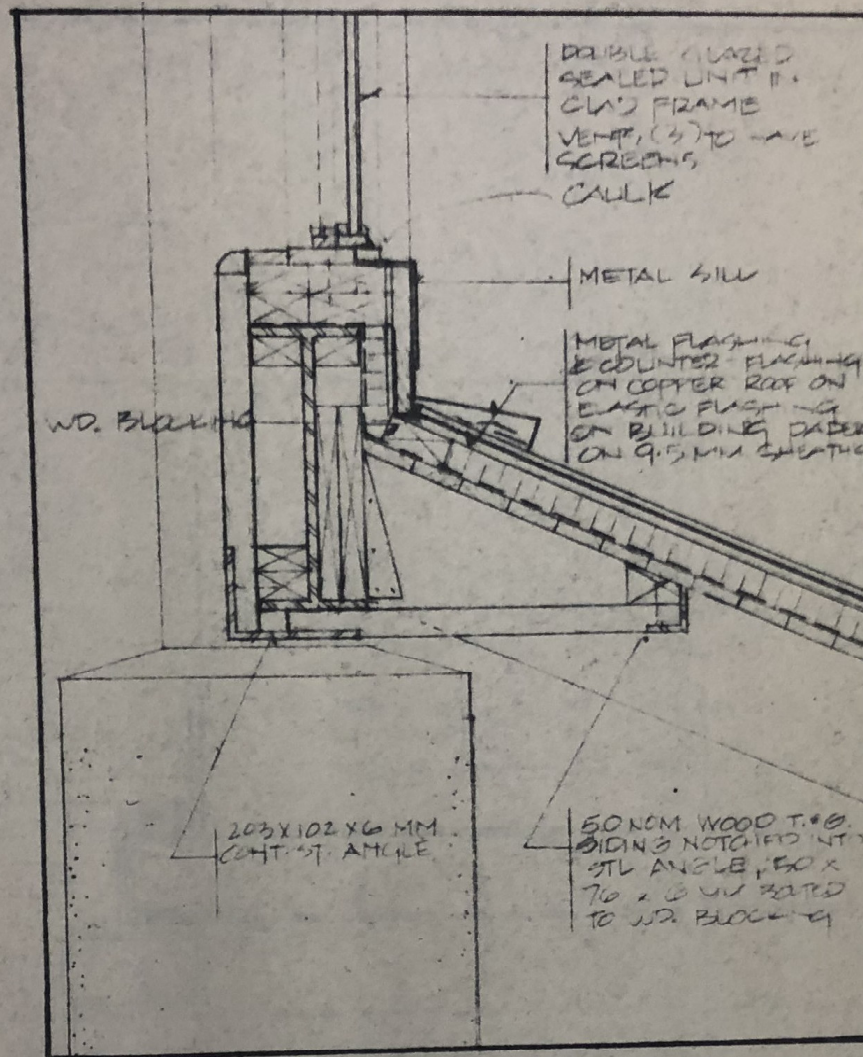
5 SECTION DETAIL AT UPPER WALL
SCALE 1:20



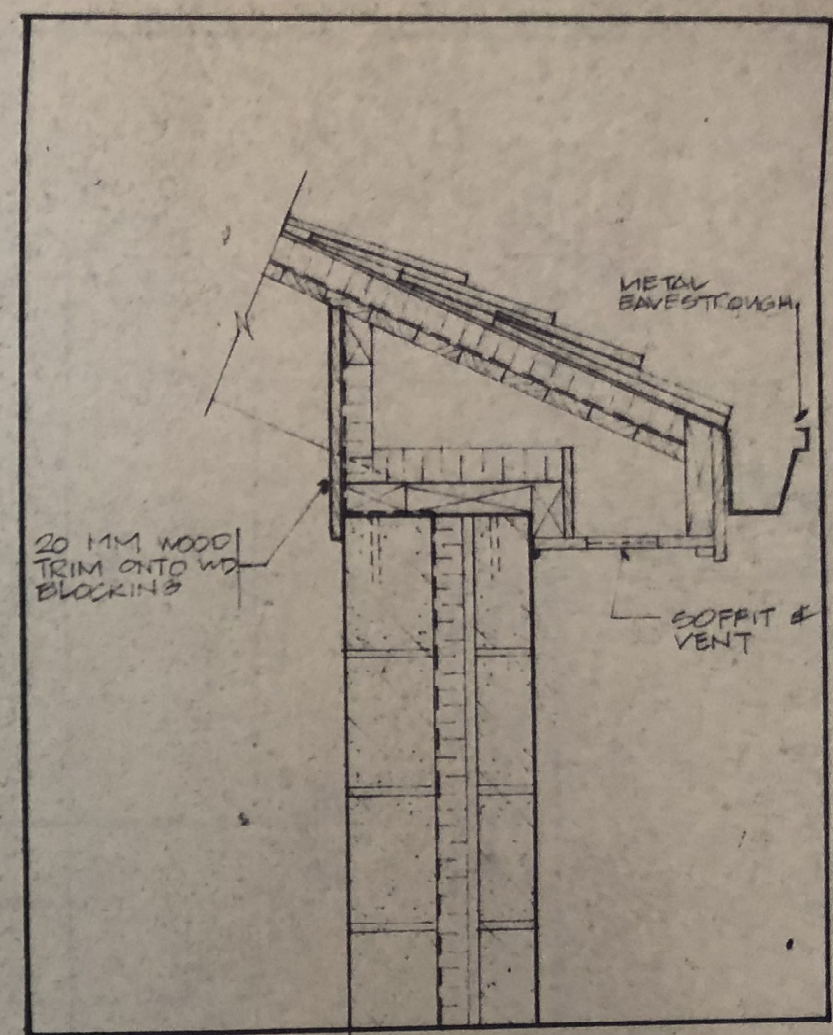
GIRAFFE A-10



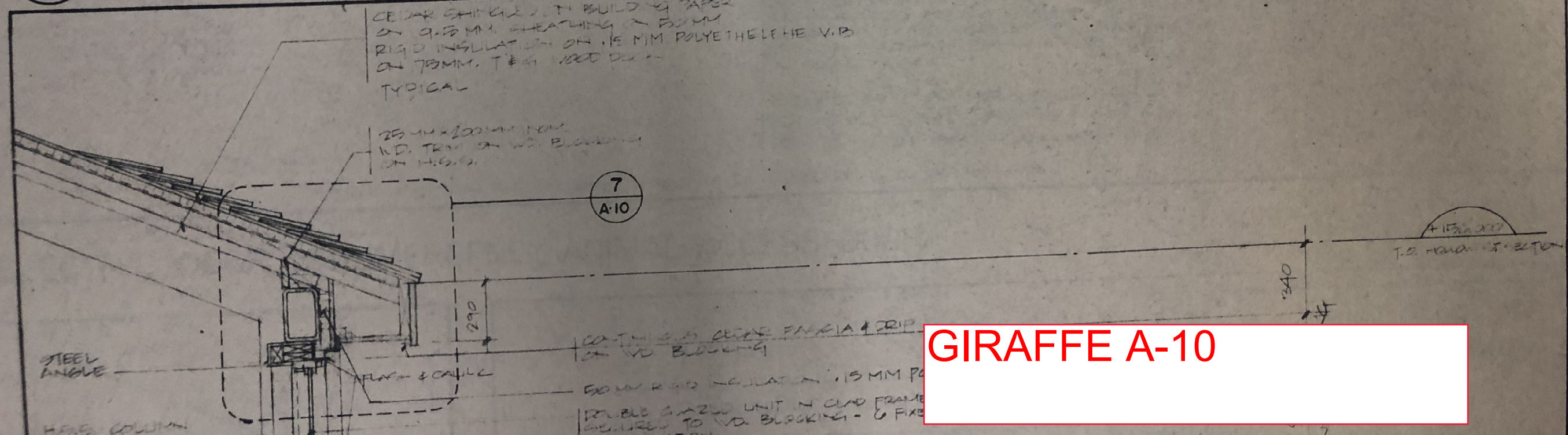
7 SECTION DETAIL - UPPER ROOF
SCALE 1:10



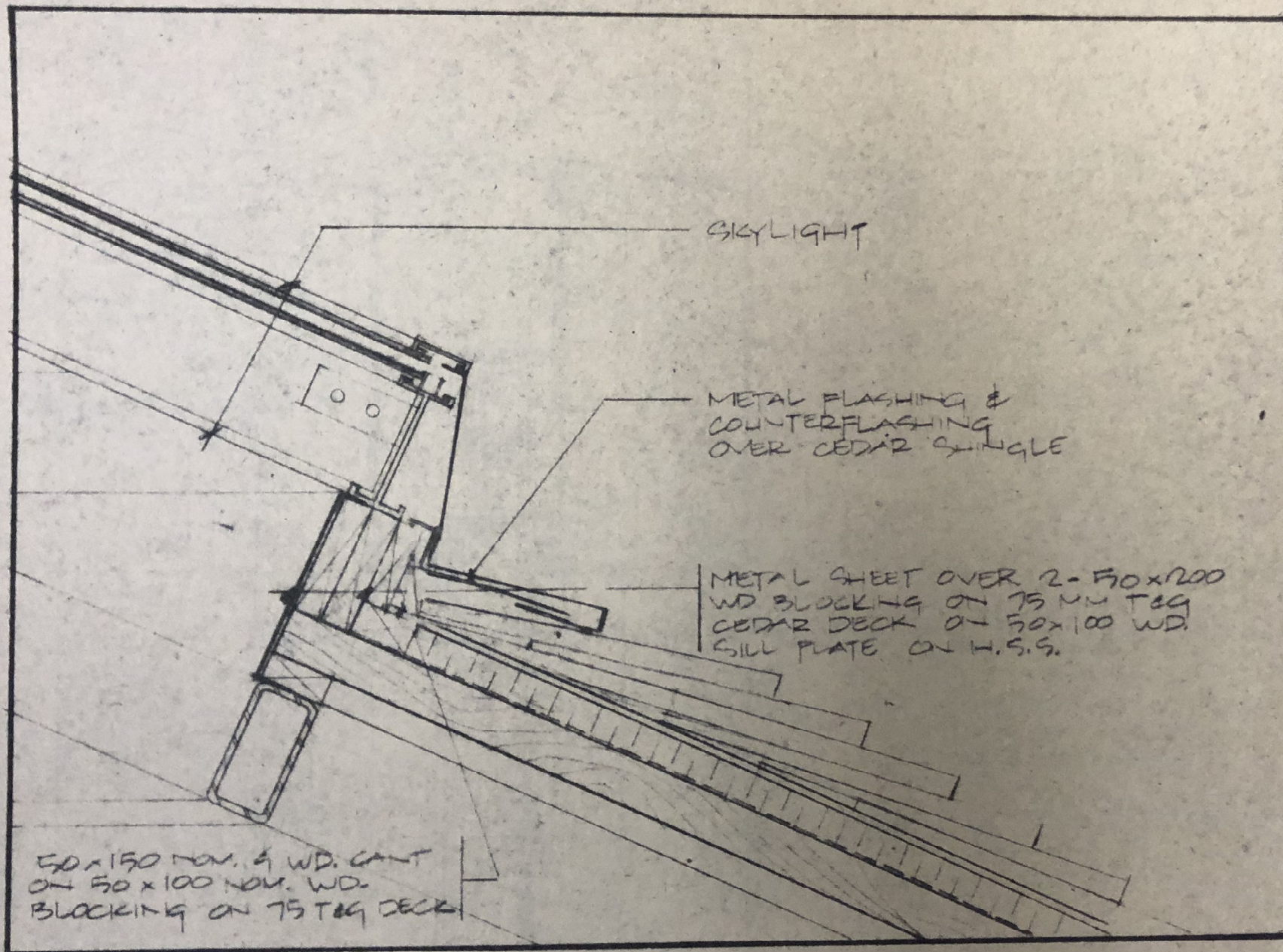
8 SECTION DETAIL - UPPER WALL
SCALE 1:10



9 SECTION DETAIL - LOWER ROOF
SCALE 1:10



GIRAFFE A-10



6 SECTION AT SKYLIGHT
SCALE 1:10

GIRAFFE A-14