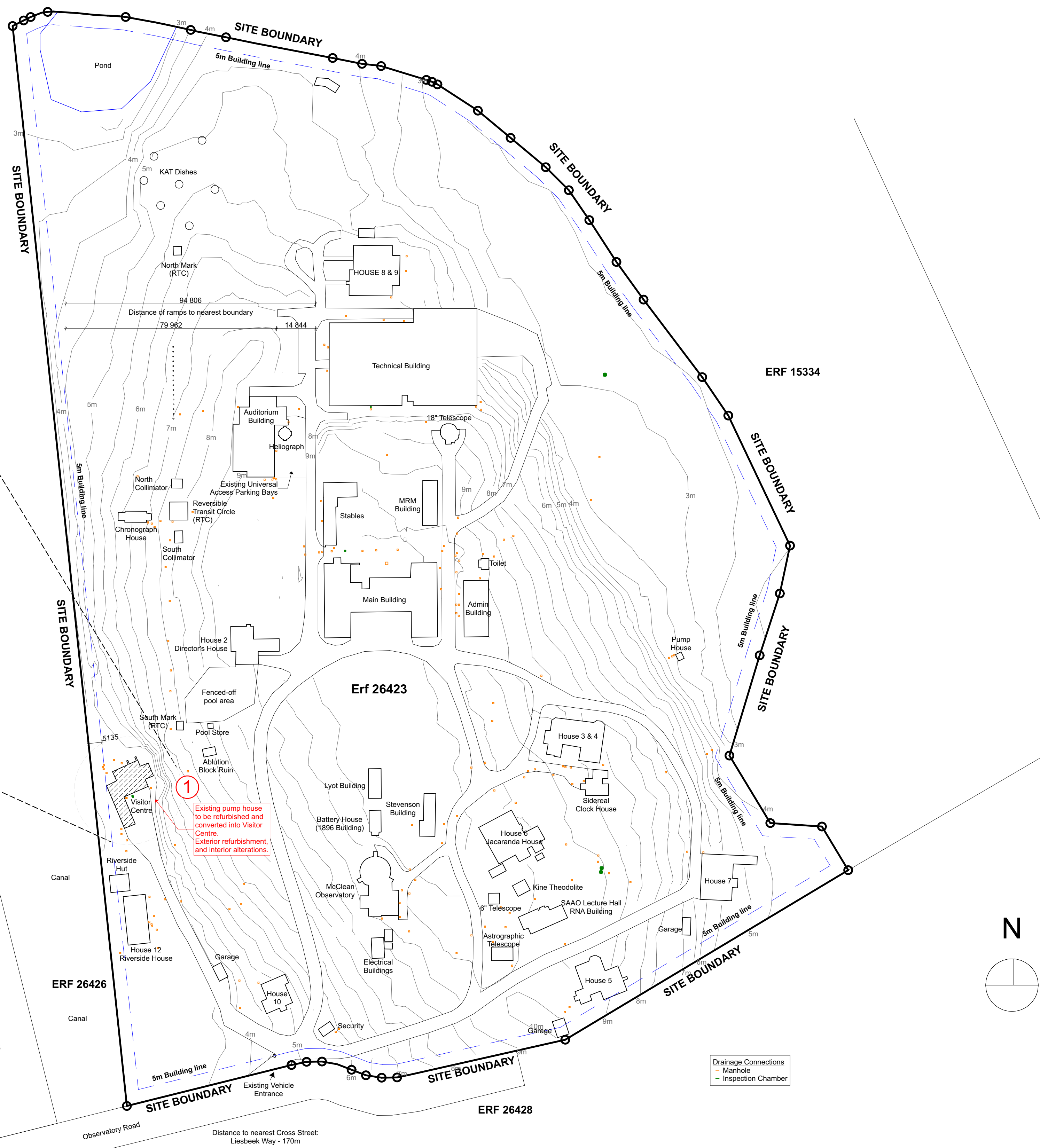
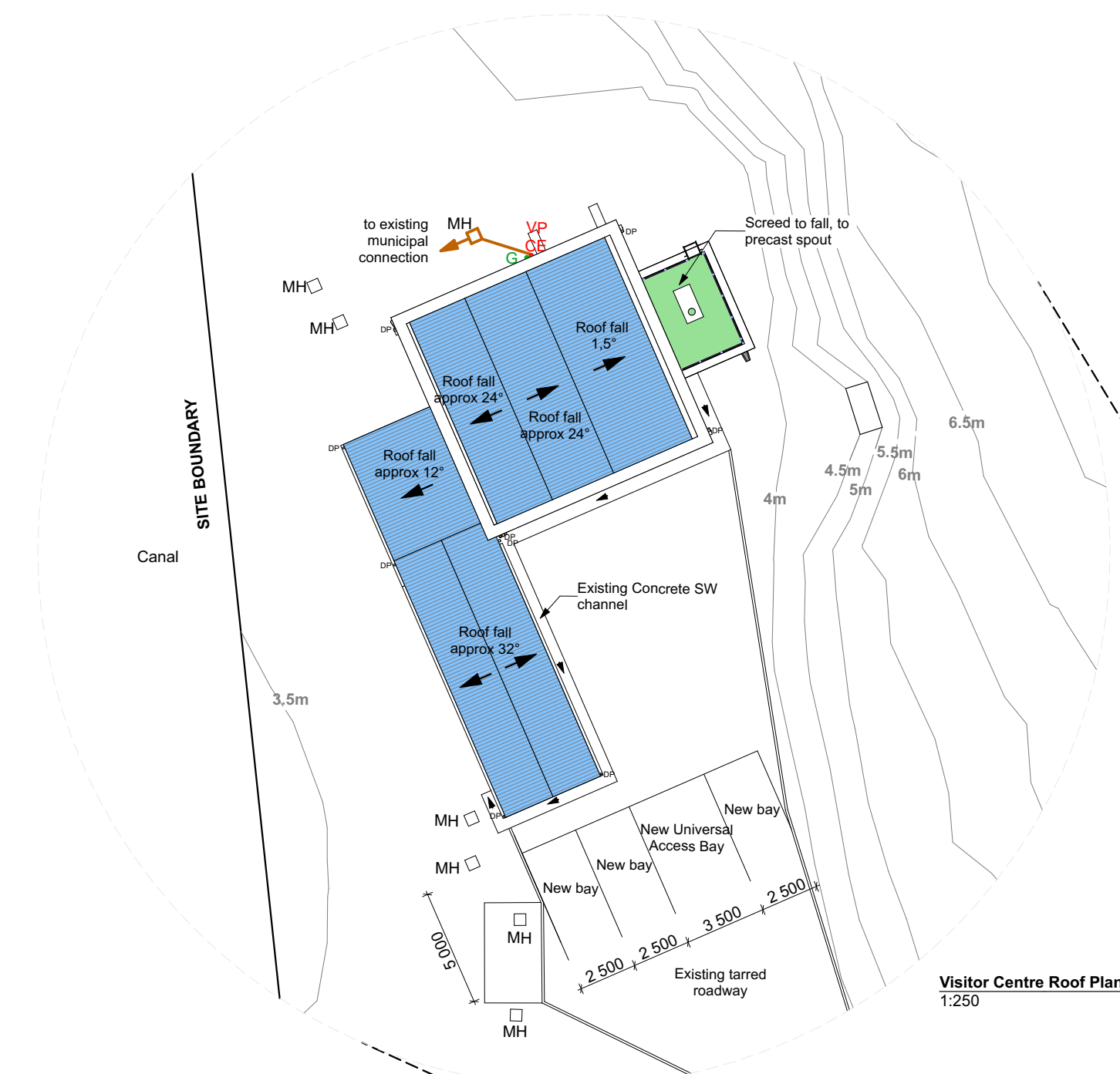


Site Information:
Erf 26423
Total Site Area: 92,163m²
Zoning: Community 1
Occupancy: C2
Existing SQM (Visitor Centre): 173m²

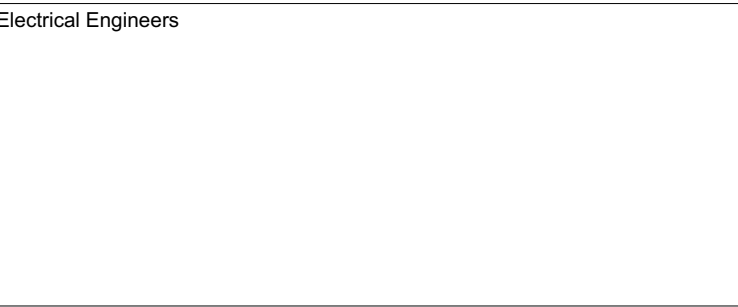
NOTE: Building work includes some internal alterations and external refurbishment, and 2 new universal access ramps.
NO additional SQM to be added to existing footprint..



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0	For Information: Tender	2020.08.20



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Project Description

SAAO Visitor Centre

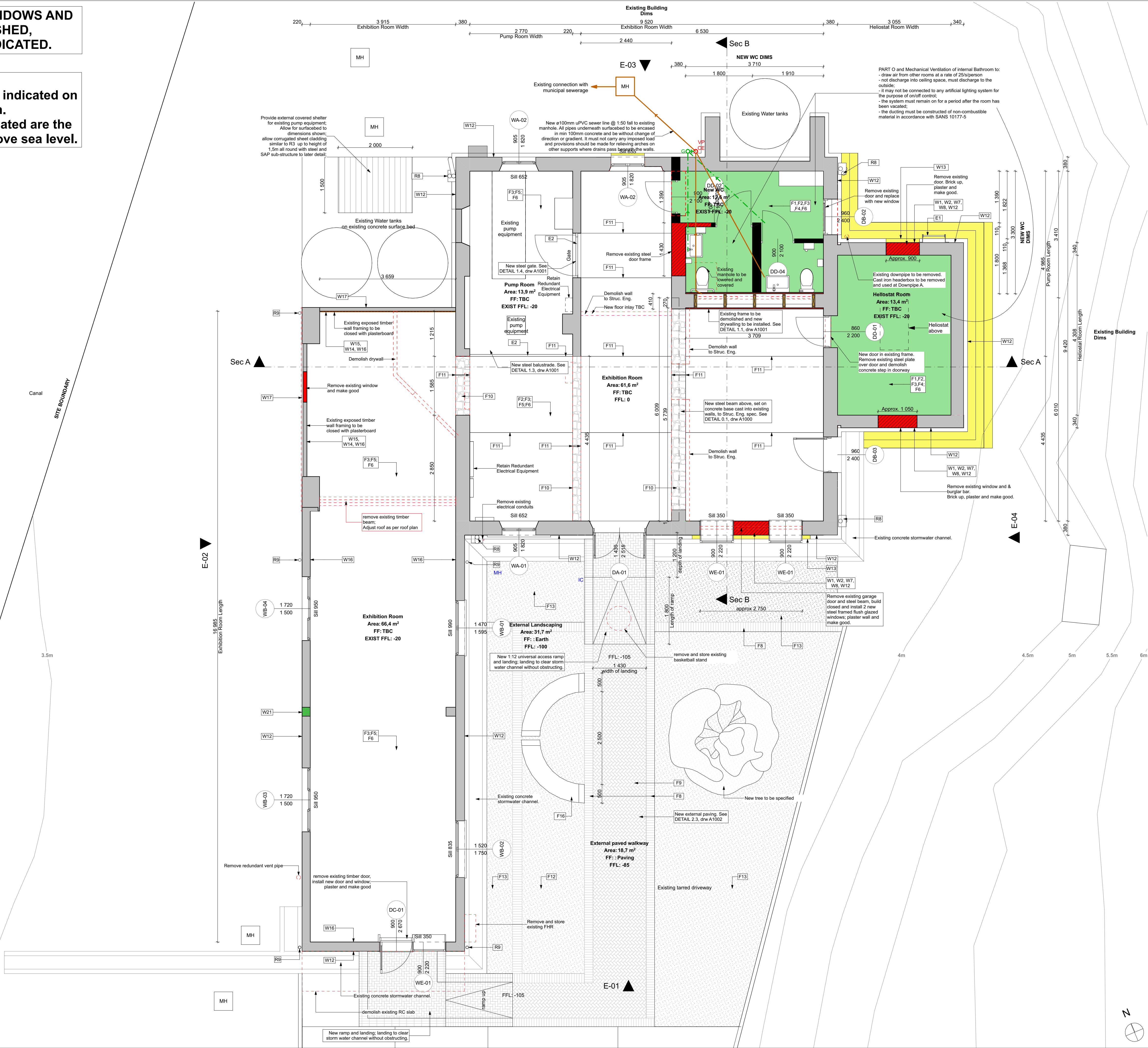
Drawing Description

Site Plan

Scale 1:1000, 1:250	Drawing Number L 1000
Date 2020/08/20	Project Number 055
Paper Size A1	Revision 0
Revision 0	Drawn M Fourie
Revision 0	Checked JD van der Walt
Drawing Status	FOR TENDER

NOTE: ALL EXISTING WINDOWS AND DOORS TO BE REFURBISHED, UNLESS OTHERWISE INDICATED.

NOTE ON LEVELS:
The existing floor level as indicated on plan is taken as the datum.
The site contours as indicated are the mean average heights above sea level.



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 **AVCON**
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Electrical Engineers

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Project Description

SAOA Visitor Centre

Drawing Description

Ground Floor Plan

Scale	Drawing Number	
1:50	L 1001	
Date	2020/08/20	
Paper Size	Project Number	
A1	055	
Revision	Drawn	Checked
0	M Fourie	JD van der Walt

Drawing Status

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Project Description

SAAO Visitor Centre

Drawing Description

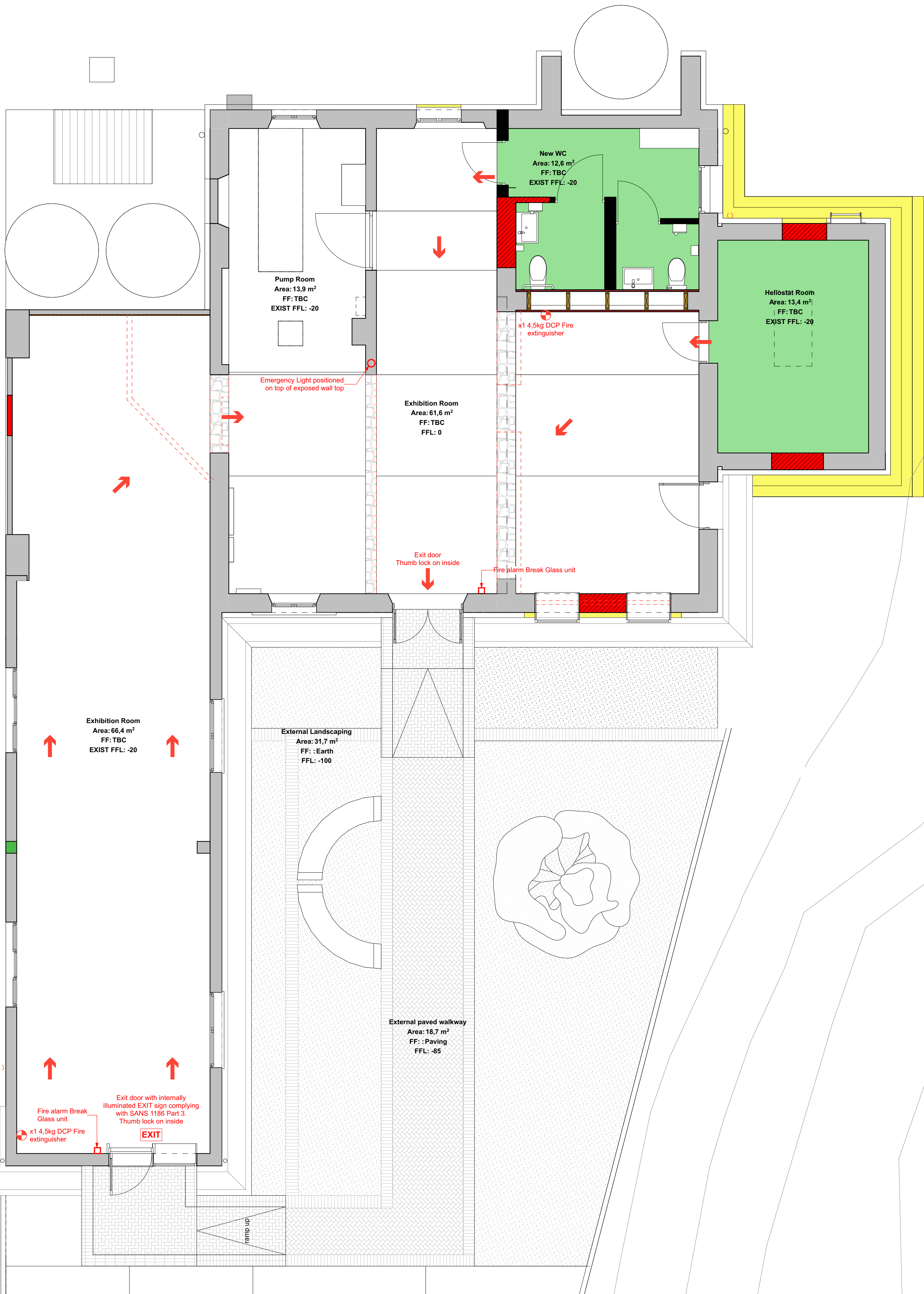
Roof Plan

Scale	Drawing Number	
1:50	L 1002	
Date	2020/08/20	
Paper Size	Project Number	
A1	055	
Revision	Drawn	Checked
0	M Fourie	JD van der Walt

Drawing Status

FOR TENDER

Information relating to SANS PART T:
Internal SQM: 173m²
Occupancy type: C2
Population: < 20 (1 per 20m²)
Escape Routes: Escape from furthest corners of building < 35m in length. Escape route to be clearly marked and signposted. Signage to be internally illuminated.
Fire Alarm: Fire alarm; building to be equipped with manually activated visual and audible alarm system, designed, installed and maintained by a competent person in accordance with SANS 10139.



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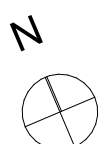
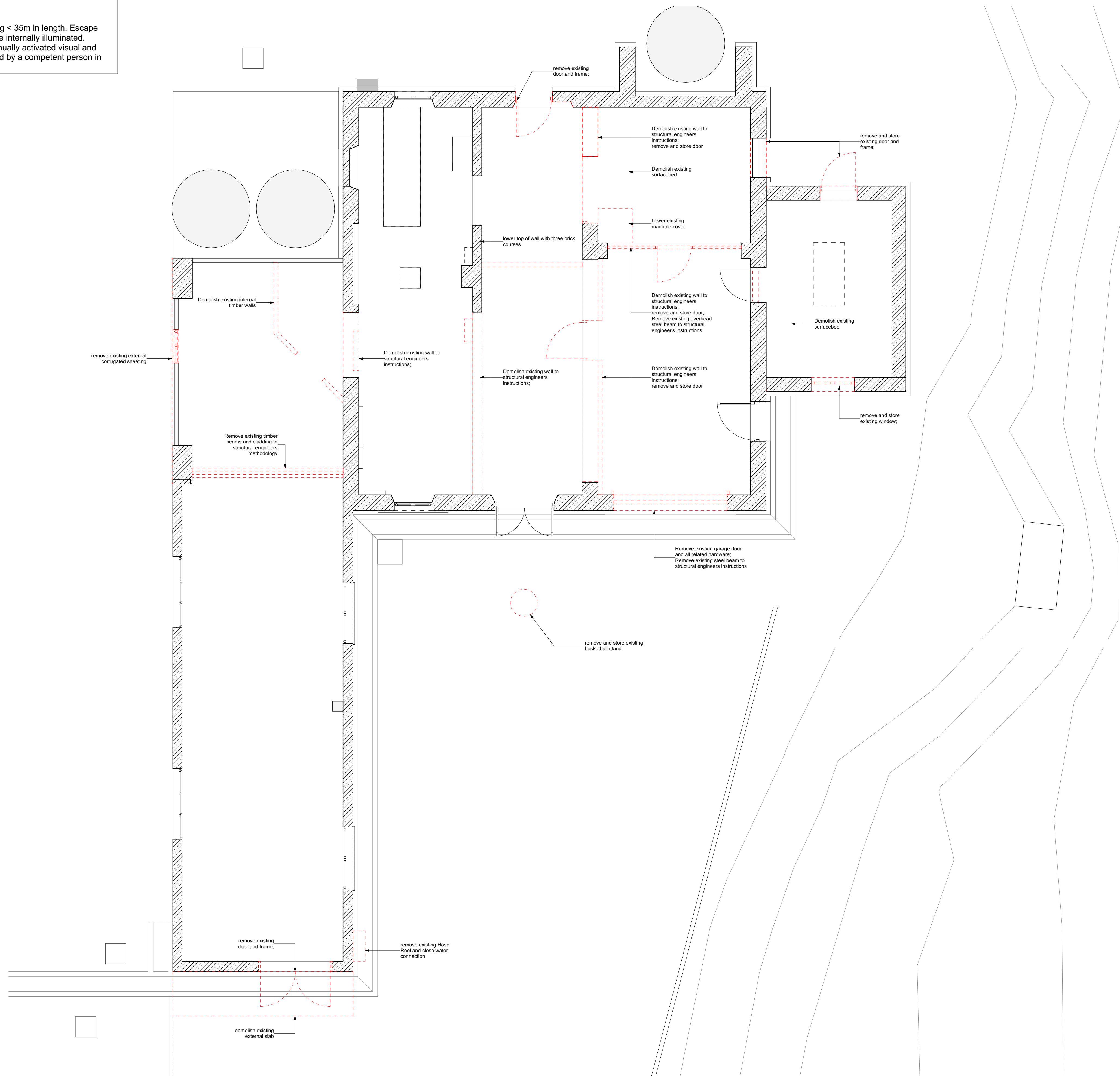
SAAO Visitor Centre

Drawing Description

Fire Plan

Scale	1:50	Drawing Number	L 1003
Date	2020/08/20	Project Number	055
Paper Size	A1	Drawn	M Fourie
Revision	0	Checked	JD van der Walt
Drawing Status	FOR TENDER		

Internal SQM: 173m²
Occupancy type: C2
Population: < 20 (1 per 20m²)
Escape Routes: Escape from furthest corners of building < 35m in length. Escape route to be clearly marked and signposted. Signage to be internally illuminated.
Fire Alarm: Fire alarm: building to be equipped with manually activated visual and audible alarm system, designed, installed and maintained by a competent person in accordance with SANS 10139.



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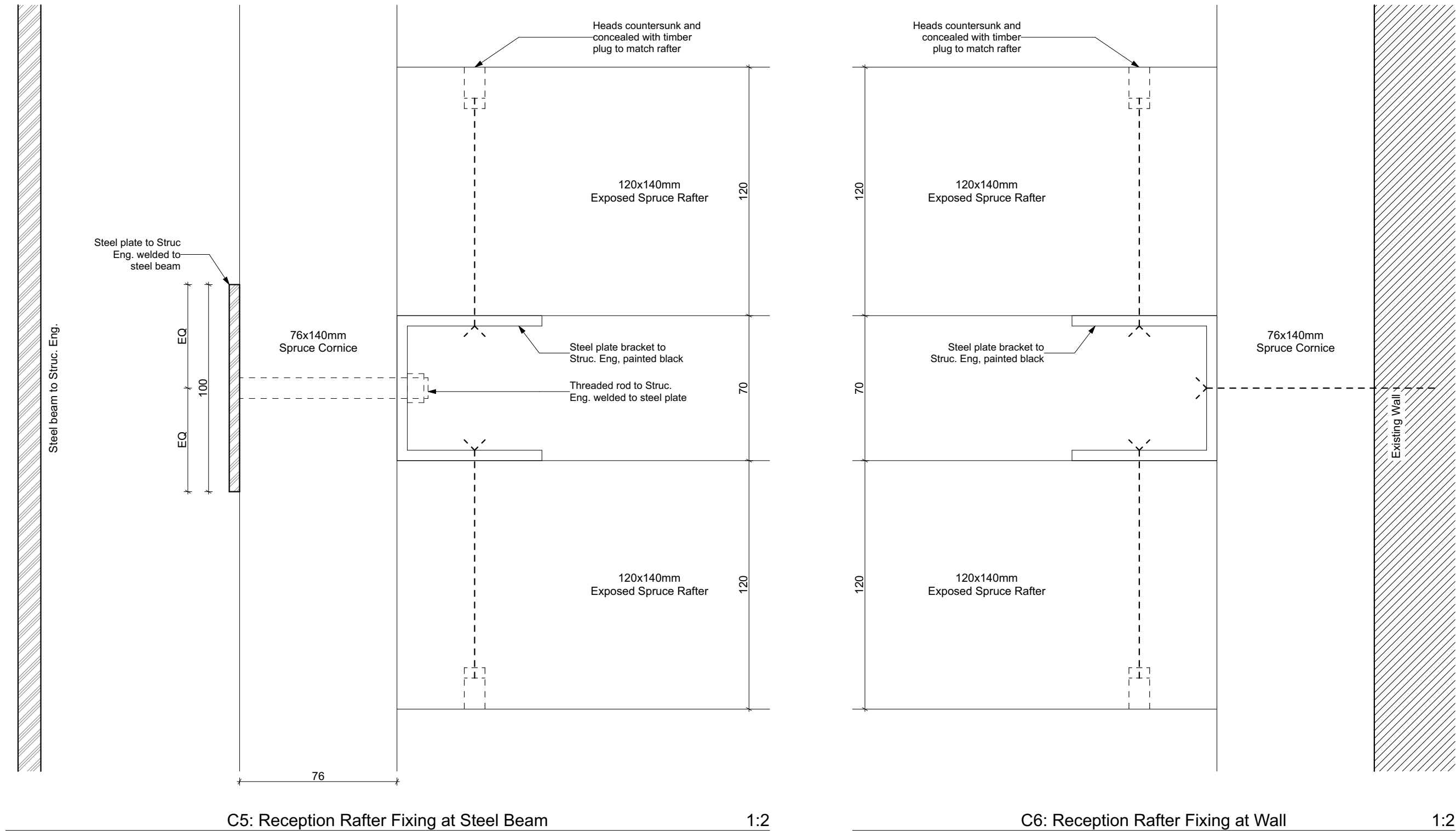
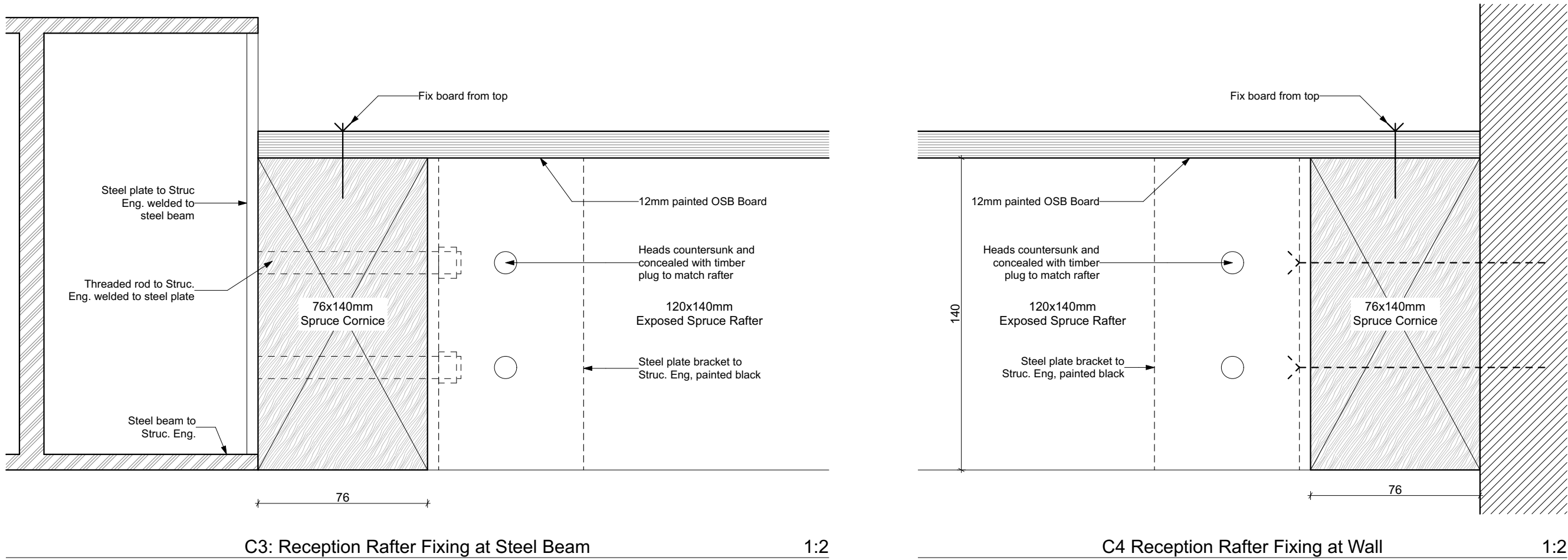
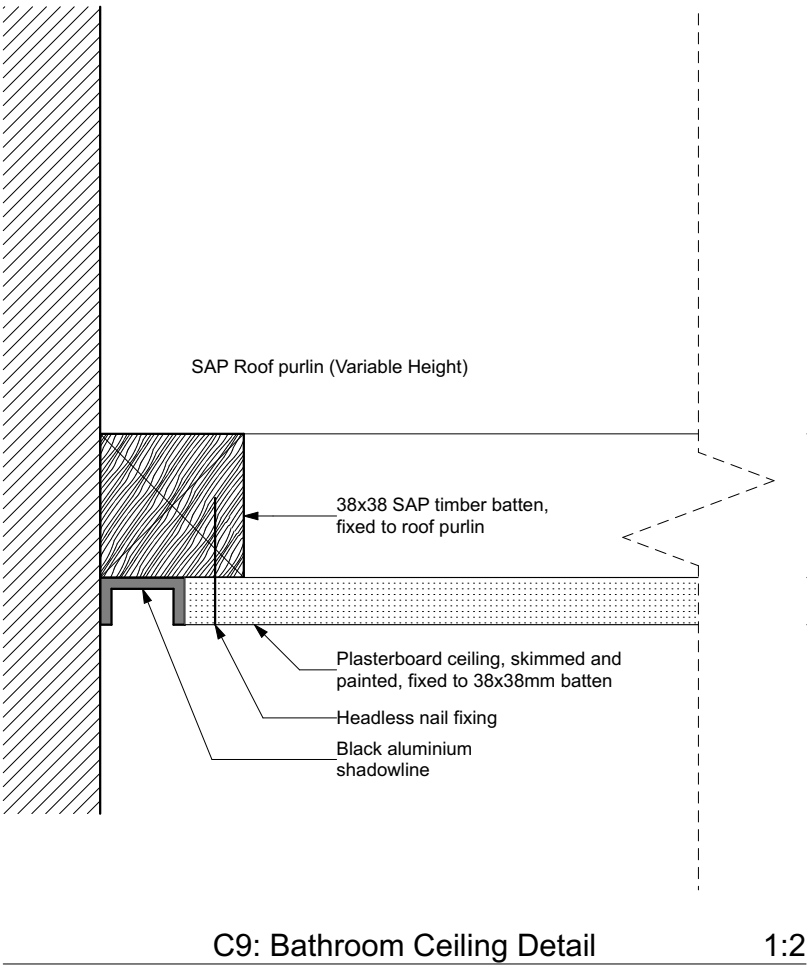
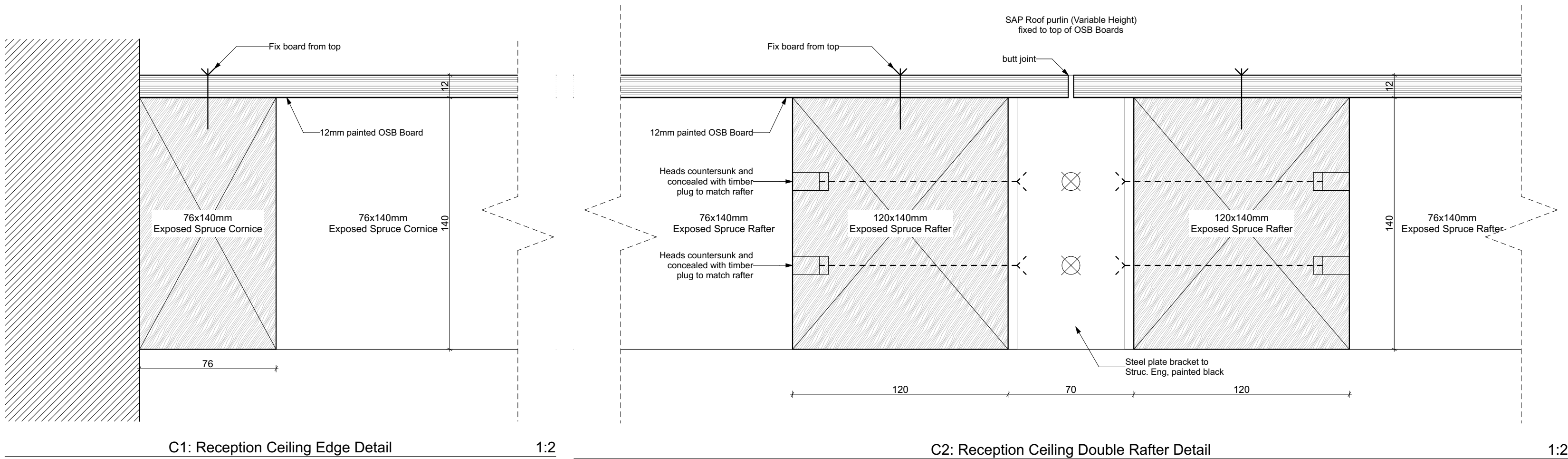
Demolition Plan

Scale 1:50	Drawing Number L1004	
Date 2020/08/20		
Paper Size A1	Project Number 055	
Revision 0	Drawn M Fourie	Checked JD van der Walt

Drawing Status
FOR TENDER



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0	For Information: Tender	2020.08.20



Electrical Engineers



Project Description
























SAAO Visitor Centre

Drawing Description

Ceiling Details

Scale	1:2	Drawing Number	L 1201	
Date	2020/08/20			
Paper Size	A1	Project Number	055	
Revision	0	Drawn	M Fourie	Checked
Drawing Status		FOR TENDER		

Electrical Legend



LIGHT SWITCH

2 WAY LIGHT SWITCH

LIGHT SWITCH WITH DIMMER

2 WAY LIGHT SWITCH WITH DIMMER

EXTERNAL DAYLIGHT SWITCH

SECURITY BUZZER (UNLOCKS FRONT DOOR)

EXPOSED BOX AND CONDUIT, HERITAGE GREEN

SINGLE/DOUBLE PLUGPOINT 1.2m APFL

PLUG POINT WITH USB CHARGING STATION

CEILING MOUNTED PLUG POINT

FLOOR MOUNTED PLUG POINT

DATA POINT

RECESSED LOW VOLTAGE DOWNLIGHT

TRACK LIGHT

EXTERNAL FOOT LIGHT

PENDANT LIGHT

FACADE ACCENT LIGHT

STREET LIGHT ON TIMER

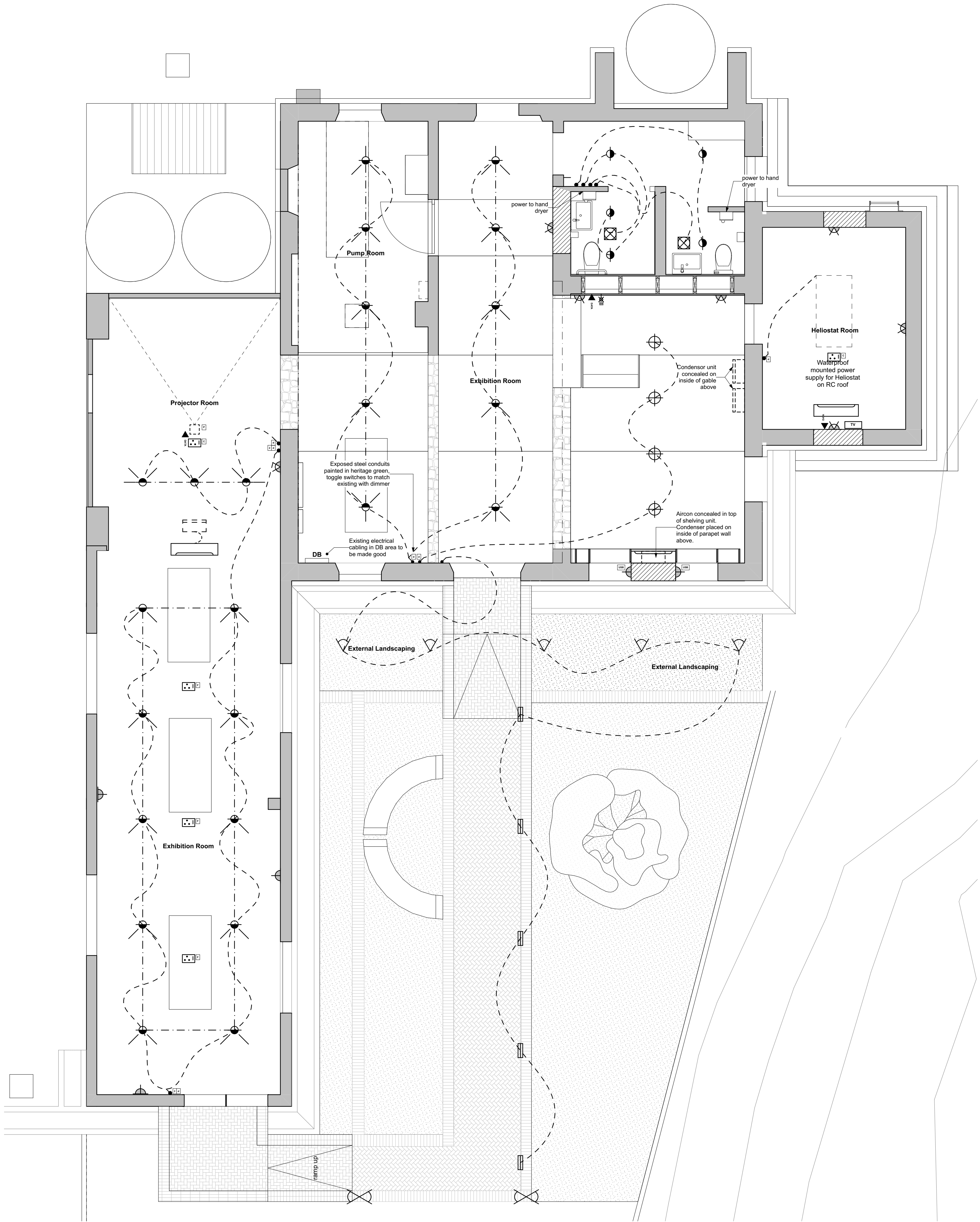
PROJECTOR

EXTRACTOR FAN

AIRCON INTERIOR UNIT

AIRCON CONDENSER UNIT

TV POINT WITH CONDUITS FOR POWER, DATA AND SATELLITE



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Civil / Structural Engineers



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Project Description

SAAO Visitor Centre

Drawing Description

Lighting & Electrical Layout

Scale	1:50	Drawing Number	L 1500
Date	2020/08/20	Project Number	055
Paper Size	A1	Drawn	M Fourie
Revision	0	Checked	JD van der Walt
Drawing Status			
FOR TENDER			

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No.	REVISION	DATE
0	For Information: Tender	2020.08.20



Electrical Engineers



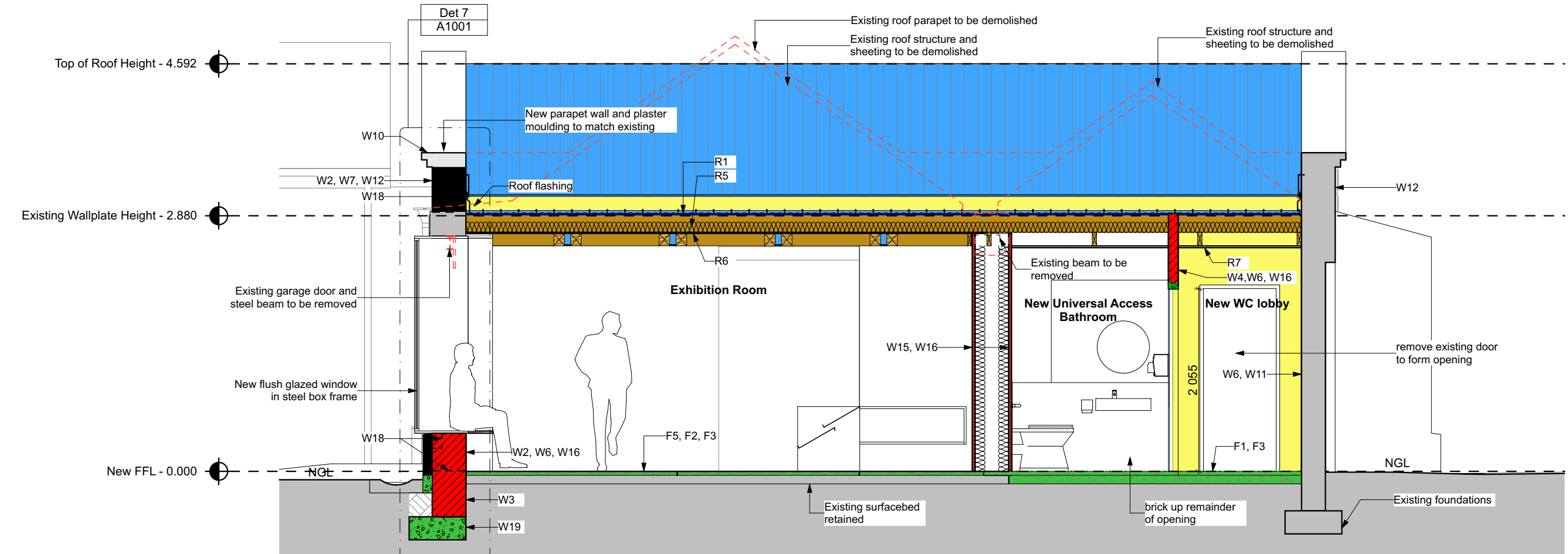
Project Description

SAAO Visitor Centre

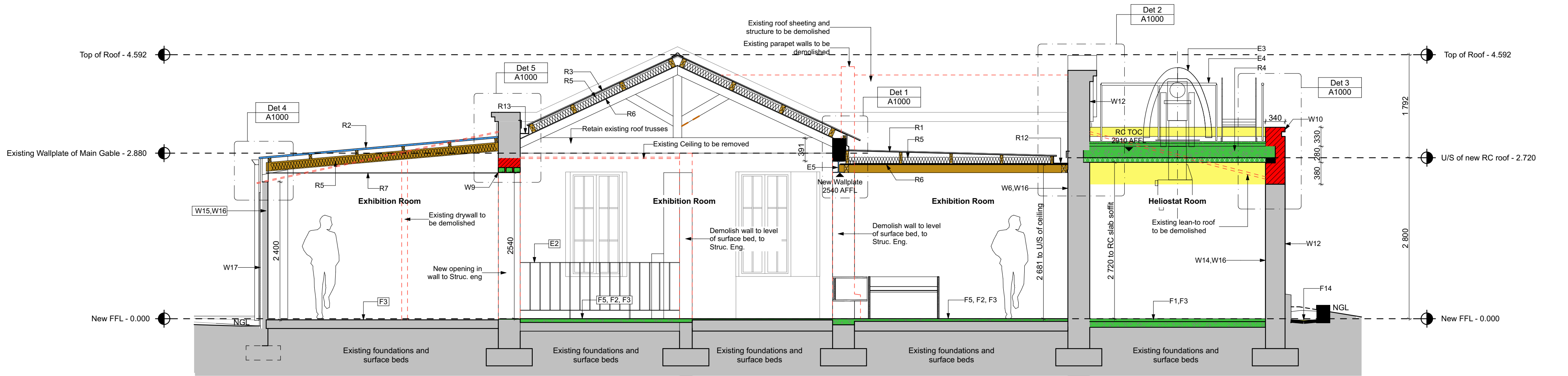
Drawing Description
Sections & Elevations

Scale 1:100, 1:50	Drawing Number L2000
Date 2020/08/20	Project Number 055
Paper Size A1	Revision 0
Revision 0	Drawn M Fourie
Revision 0	Checked JD van der Walt

Drawing Status
FOR TENDER

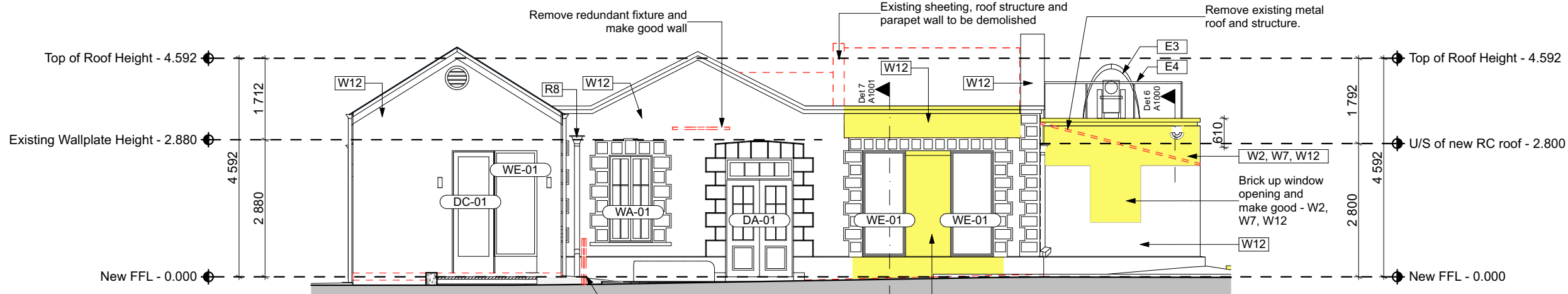


Sec B Building Section 1:50

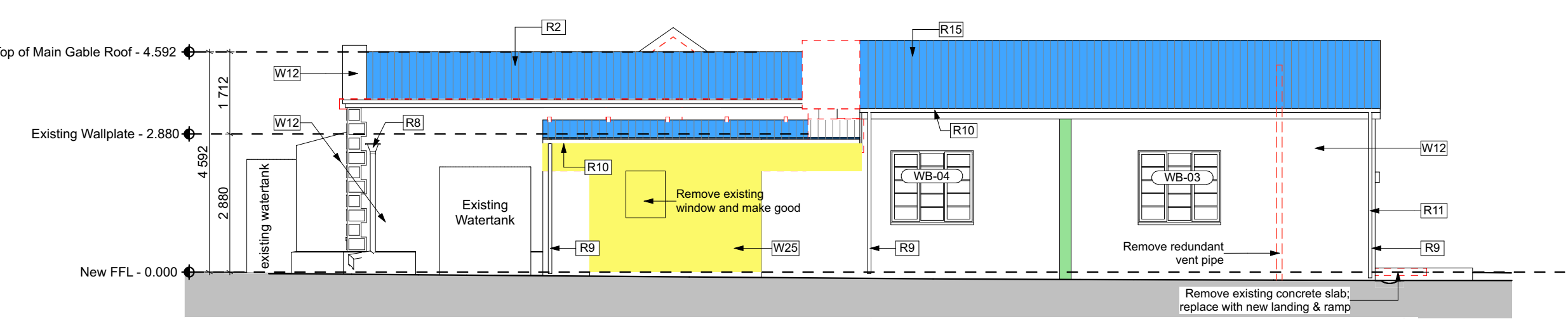


Sec A Building Section 1:50

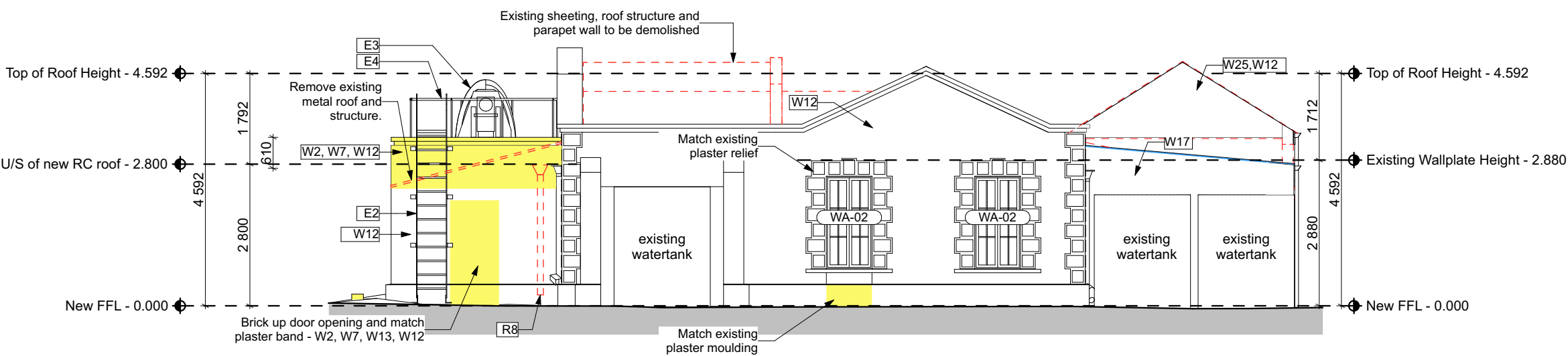
NOTE:
- All existing windows and doors to be refurbished, unless otherwise noted.
- Existing facade to be refurbished. Plaster to be made good and repainted. Cracks in walls to be repaired, waterproofed and repainted.
- Rainwater goods to be refurbished and replaced where necessary.



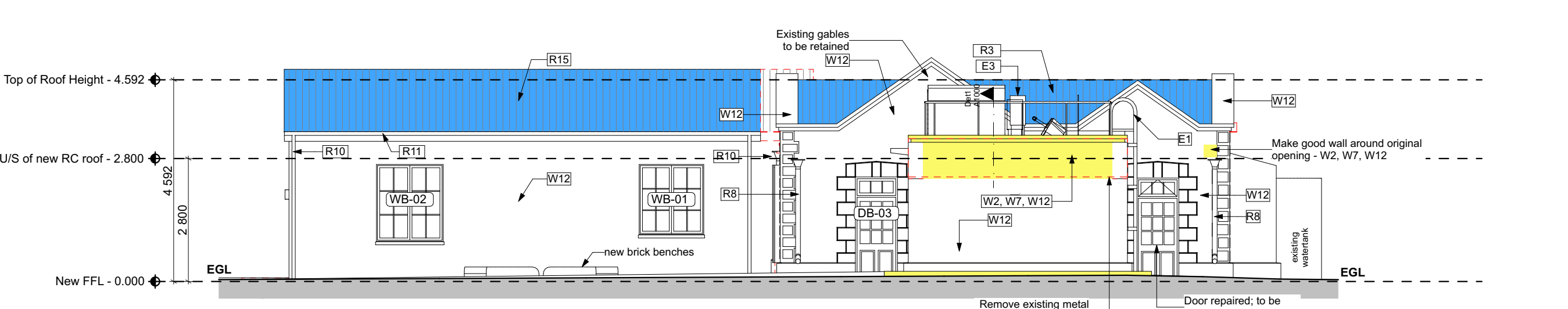
E-01 South East Elevation 1:100



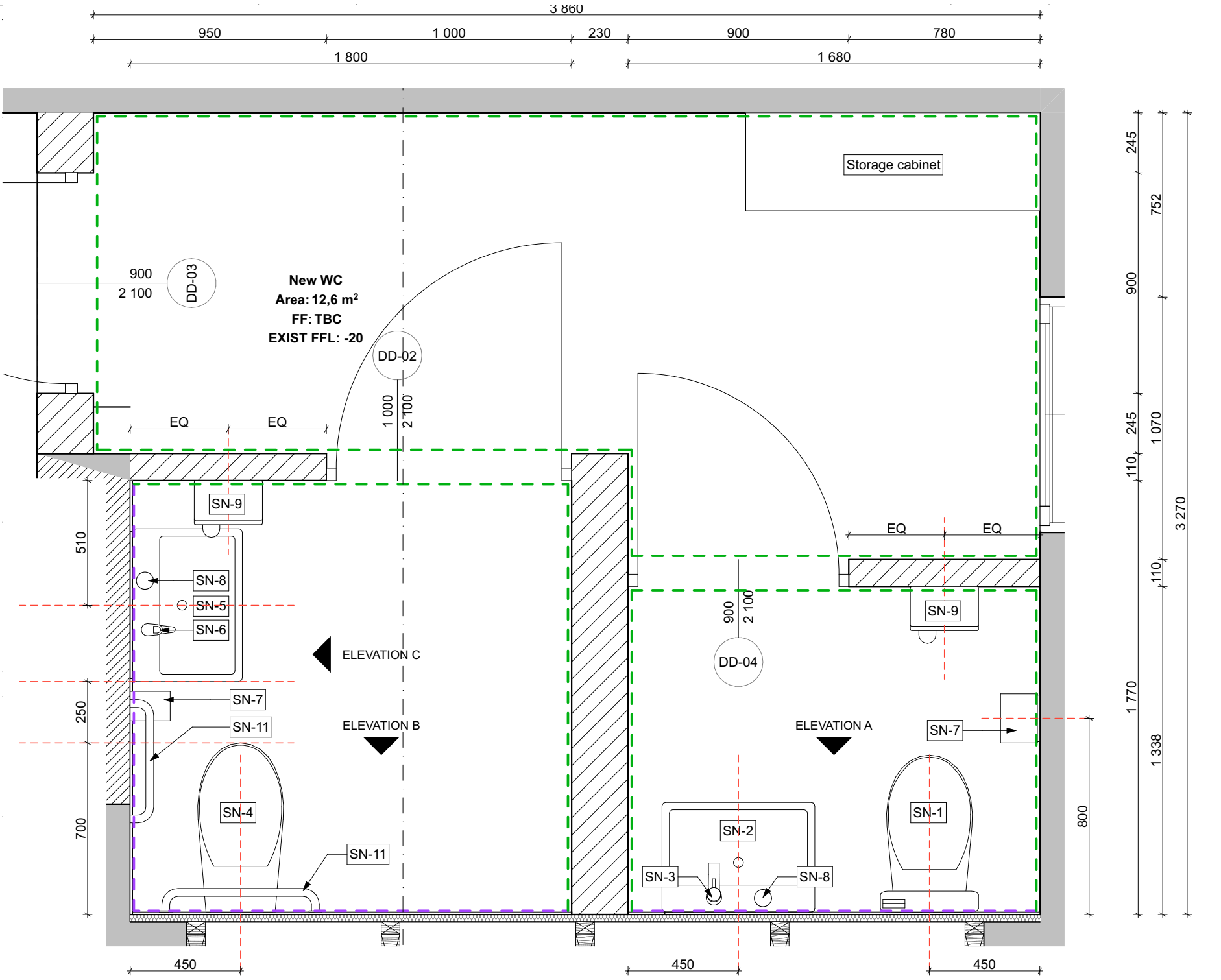
E-02 South West Elevation 1:100



E-03 North West Elevation 1:100



E-04 North East Elevation 1:100



Bathroom Detail Plan

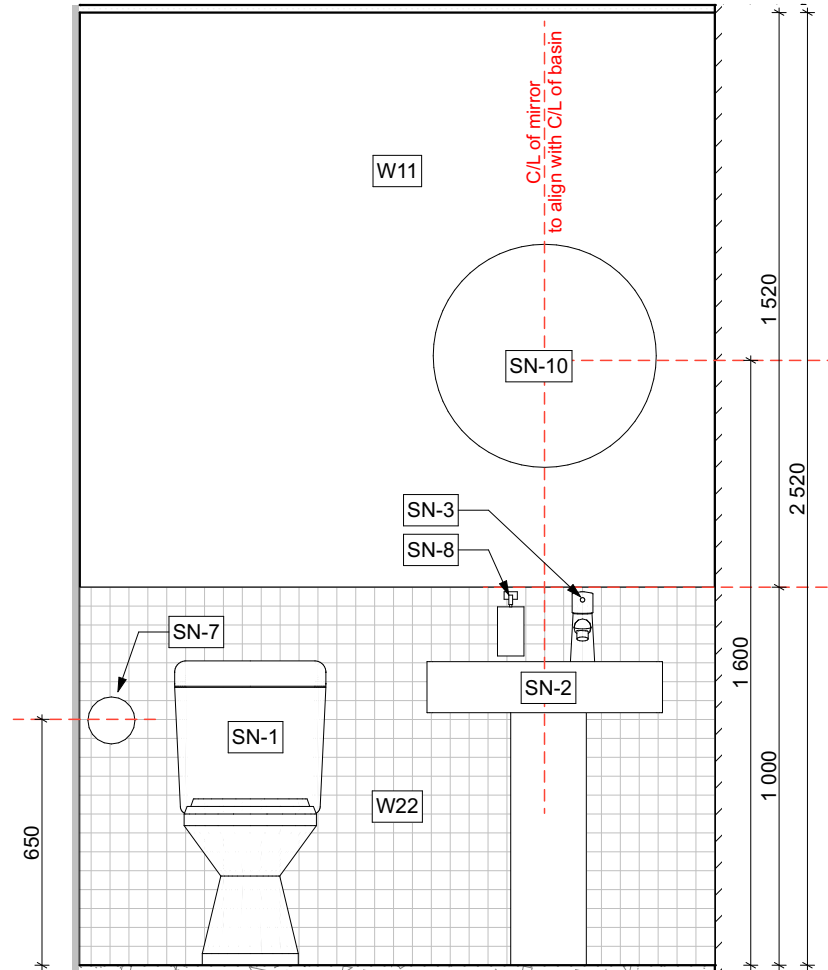
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Sanware Specifications:

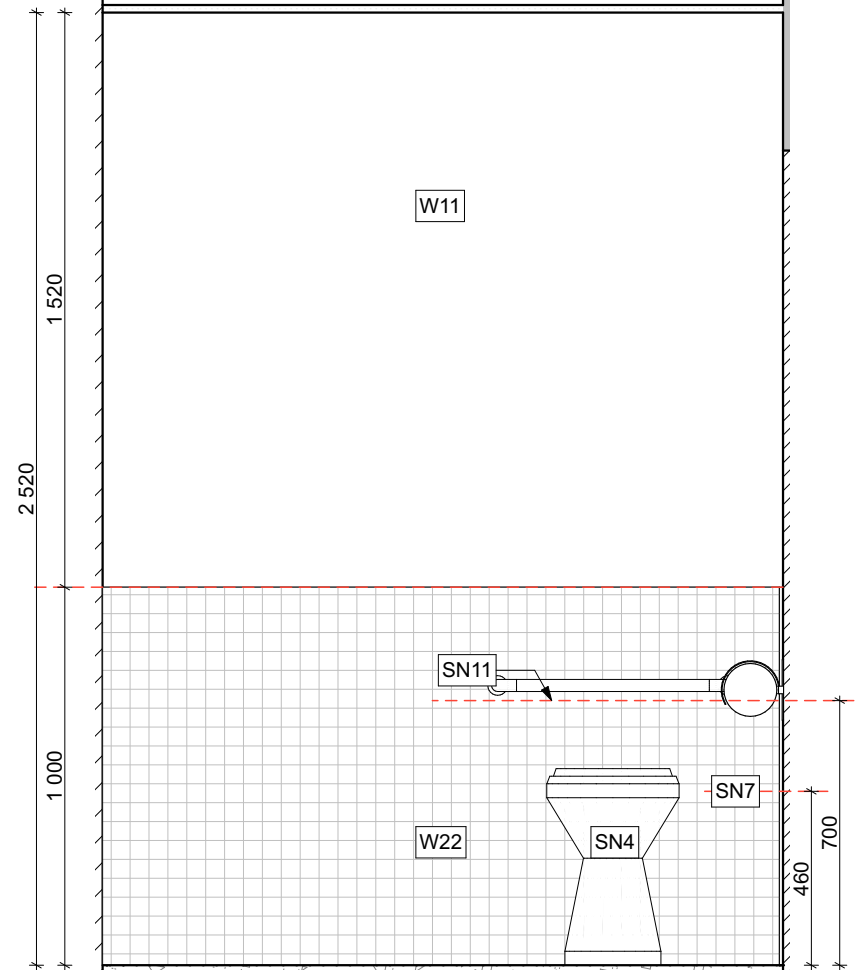
- SN1 - New toilet
- SN2 - Basin with pedestal
- SN3 - Chrome tap
- SN4 - Disabled access toilet
- SN5 - Basin, no pedestal
- SN6 - Cobra Medical elbow-action pillar tap, chrome.
- SN7 - Toilet paper holder.
- SN8 - Wall mounted soap dispenser
- SN9 - Hand drier
- SN10 - Wall mounted mirror, ø600mm.
- SN11 - ø32mm Disabled access grab rails
- SN12 - Exposed Bottle trap, chrome.

Wall Finish Legend:

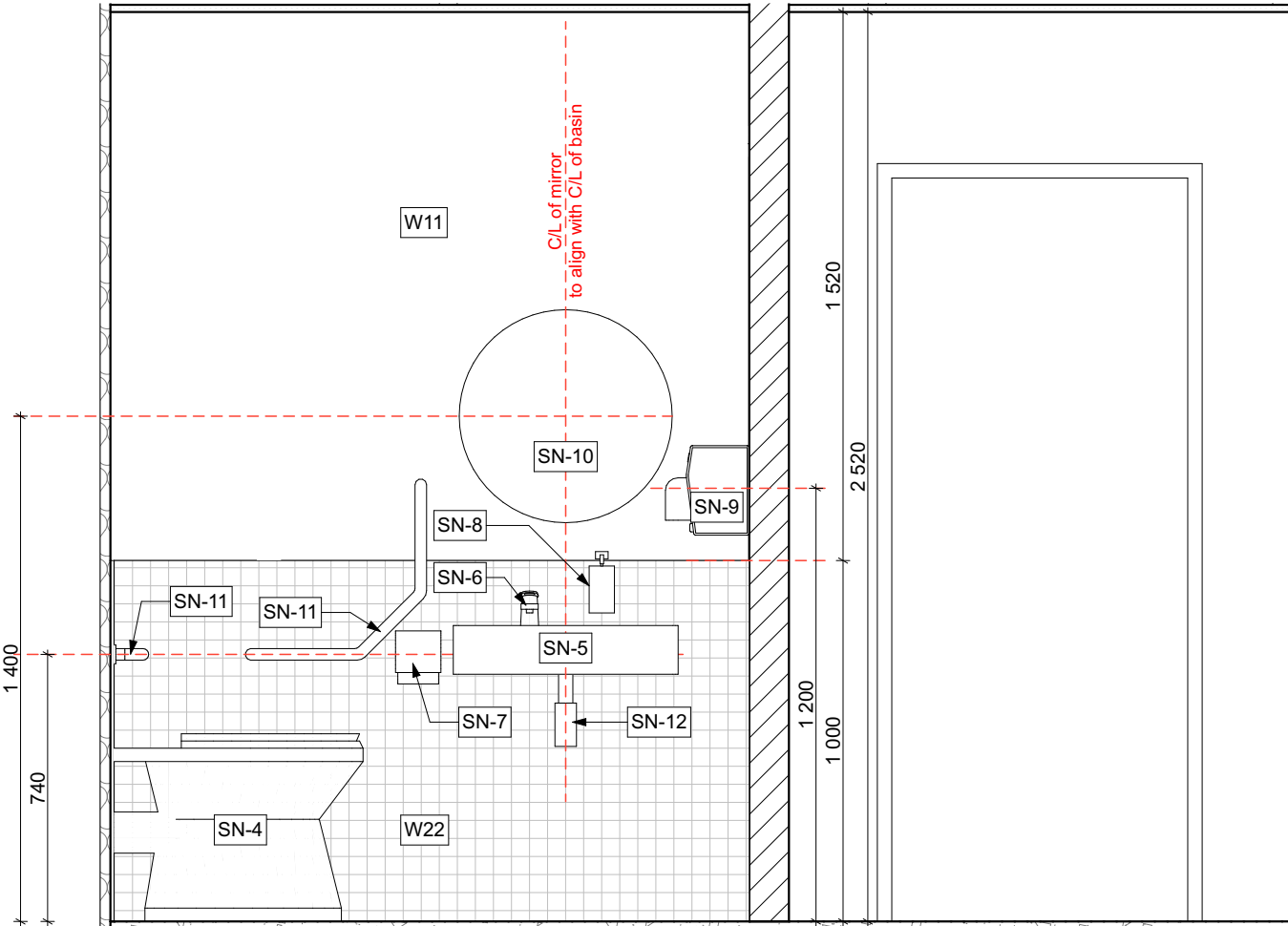
- W11 to surface of wall
- W22 up to 1m AFFL, W11 from 1m AFFL to ceiling



1:20



1:20



1:20

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0	For Information: Tender	2020.08.20

Client



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Pr-Arch 24751018

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Project Description

SAAO Visitor Centre

Drawing Description

Bathroom Layouts

Scale	1:20	Drawing Number	L4101
Date	2020/08/20	Project Number	055
Paper Size	A1	Revision	0
Revision	0	Drawn	M Fourie
Revision	0	Checked	JD van der Walt

Drawing Status
FOR TENDER

Det 1

1:10

Det 2

1:10

Det 3

1:10

Det 4

1:10

Det 5

1:10

Det 6

1:10

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Project Description

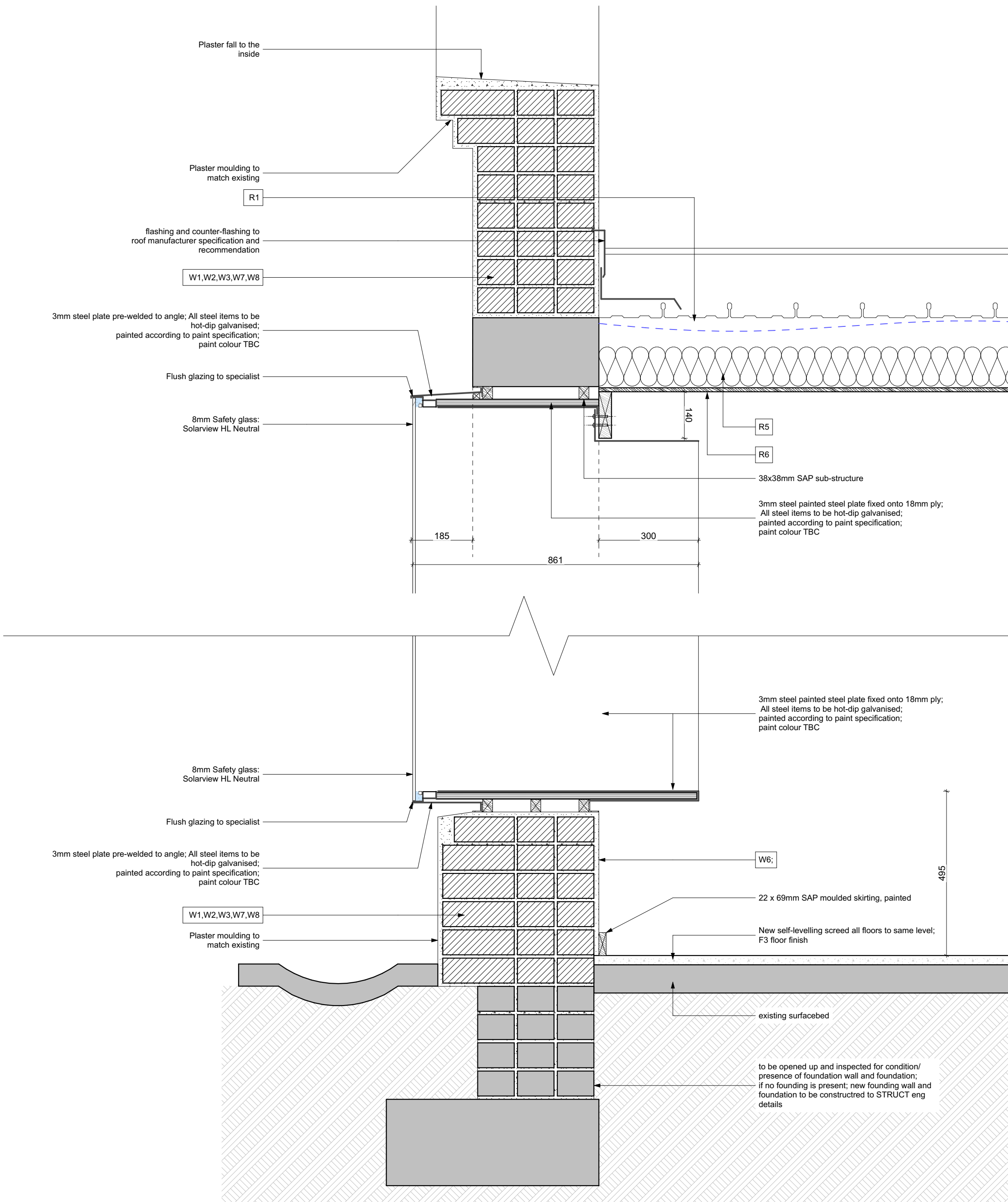
SAAO Visitor Centre

Drawing Description

Section A details

Scale	1:10	Drawing Number	A 1000
Date	2020/08/20		
Paper Size	A1	Project Number	055
Revision	0	Drawn	M Fourie
		Checked	JD van der Walt

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Det 7

1:10

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Project Description

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Drawing Description

Section B & other details

Scale	Drawing Number	
1:10	A 1001	
Date		
2020/08/20		
Paper Size	Project Number	
A1	055	
Revision	Drawn	Checked
0	M Fourie	JD van der Walt

Drawing Status
FOR TENDER

Door Schedule								
View from Opening Elevation								
Door number	DA-01	DB-02	DB-03	DC-01	DD-01	DD-02	DD-03	DD-04
Existing/New	Existing	New	Existing	New	Existing	New New door, existing opening	New	New
Quantity	1	1	1	1	1	1	1	1
Position	Elevation 1	Elevation 4	Elevation 4	Elevation 1	Door to Heliostat Room	Toilet		Toilet
Orientation	R	L	L	L	L	L	L	R
Frame	Existing timber frames to be refurbished.	Existing timber frame to be refurbished	Existing timber frame to be refurbished.	New 8mm steel plate frame, 300mm deep	New single rebated timber door frame (ex 50x90mm profile) to be installed in existing opening.	Hardwood single rebated timber door frame (ex 50x90mm profile). Cramps to jambs of 1,6mm thick galvanised hoop iron, 32mm wide, with ends turned 50mm up against stiles of frames and each twice screwed to frame and built 450mm into wall.		Hardwood single rebated timber door frame (ex 50x90mm profile). Cramps to jambs of 1,6mm thick galvanised hoop iron, 32mm wide, with ends turned 50mm up against stiles of frames and each twice screwed to frame and built 450mm into wall.
Leaf	Door leafs to be replaced to match existing. Maintenance work to fanlight. 2 No. side hung leafs, 1 No. glazed bottom hung fanlight.	1 No. side hung door leaf to be replaced to match existing, like for like. Fanlight to be refurbished.	1 No. side hung door leaf to be replaced to match existing, like for like. Fanlight to be refurbished.	Aluminium door leaf with safety glazing	New side hung, flush panel, solid-core door leaf in existing frame. Door to swing max 6mm clear of floor. Painted in colour TBC.	Side hung, flush panel, hollow-core door. Door to swing max 6mm clear of floor. painted in colour TBC.		Side hung, flush panel, hollow-core door. Door to swing max 6mm clear of floor. painted in colour TBC.
Glazing	6.38mm safety glass to door leaf, 5mm mon. annealed glass to fanlight. SAGGA regulations to be adhered to. To comply with SANS 11037, SANS 10400 part N, & SANS 613. All safety glass to be permanently marked as such. Safety glass to comply with SANS 1263-1	6.38mm safety glass to door leaf, 5mm mon. annealed glass to fanlight. SAGGA regulations to be adhered to. To comply with SANS 11037, SANS 10400 part N, & SANS 613. All safety glass to be permanently marked as such. Safety glass to comply with SANS 1263-1	6.38mm safety glass to door leaf, 5mm mon. annealed glass to fanlight. SAGGA regulations to be adhered to. To comply with SANS 11037, SANS 10400 part N, & SANS 613. All safety glass to be permanently marked as such. Safety glass to comply with SANS 1263-1	6.38mm safety glass. SAGGA regulations adhered to. To comply with SANS 11031, SANS 10400 part N, & SANS 613. All safety glass to be permanently marked as such. Safety glass to comply with SANS 1263-1	N/A	N/A		N/A
Hardware/ Ironmongery	To be refurbished, and where required, replaced like-for-like. Double lock half thumb turn to inside. Samples to be presented to architect for approval.	Hardware to be replaced to match existing, like-for-like. Ironmongery to be refurbished.	To be refurbished.	To aluminium manufacturer specification. Samples to be presented to architect for approval	Hardware and ironmongery to match existing doors.	Samples to be presented to architect for approval.		Samples to be presented to architect for approval.
Signage/Accessories	N/A	Door to be fixed in closed position	N/A	Emergency Exit sign above door.	N/A	Universal Access Toilet Sign		N/A

D01

Door Schedule

Window Schedule								
View from Opening Side								
Window ID	WA-01	WA-02	WA-02	WB-01	WB-02	WB-03	WB-04	WE-01
Existing/ New	Existing	Existing	New	Existing	Existing	Existing	Existing	New
Quantity	1	1	1	1	1	1	1	3
Frame	Existing - to be refurbished. Frame and casement to be kept.	Existing - to be refurbished.	To match existing WA-02	Existing frame is teak or oregon pine. To be refurbished.	Existing - to be refurbished.	Existing - to be refurbished.	Existing - to be refurbished.	Steel frame with flush glazed window.
Glazing	To be replaced with 5mm Monolithic Annealed glass. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, & SANS 613.	To be replaced with 5mm Monolithic Annealed glass. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, & SANS 613.	To match existing WA-02	To be replaced with 5mm Monolithic Annealed glass. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, & SANS 613.	To be replaced with 5mm Monolithic Annealed glass. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, & SANS 613.	To be replaced with 5mm Monolithic Annealed glass. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, & SANS 613.	To be replaced with 5mm Monolithic Annealed glass. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, & SANS 613.	8mm Clear Safety Glass, SolarVue HL Neutral. Safety glass to be permanently marked as such. SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 Part N, SANS 613, and SANS 1263-1
Sills	Existing - to be refurbished.	Replace sill to match existing.		Existing - to be refurbished.	Existing - to be refurbished.	Existing - to be refurbished.	Existing - to be refurbished.	N/A
Finishes - Frame	To be painted to match existing paint colour.	To be painted to match existing paint colour.	To match existing WA-02	To be painted to match existing paint colour.	To be painted to match existing paint colour.	To be painted to match existing paint colour.	To be painted to match existing paint colour.	Powdercoated Interpon D. Colour TBC.
Hardware / Ironmongery	Weather bars on casement to be replaced.	To be refurbished.	To match existing WA-02	To be refurbished.	Hinges and hardware to be replaced to match existing.	To be refurbished.	To be refurbished.	N/A
Windload and regulations to adhere to	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Windload to be confirmed by competent person. AAMSA & SAGGA regulations to be adhered to. To comply with SANS 10137, SANS 10400 part N, & SANS 613. All safety glass to be permanently marked as such, safety glass to comply with SANS 1263.1
Accessories/Notes	Refurbish existing; replace where required to match existing	Refurbish existing; replace where required to match existing	To match existing WA-02	Refurbish existing; replace where required to match existing	Refurbish existing; replace where required to match existing	Refurbish existing; replace where required to match existing	Refurbish existing; replace where required to match existing	N/A

W01

Window Schedule

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Project Description

SAAO Visitor Centre

Drawing Description

Door & Window Schedule

Scale	Drawing Number	
1:50	SC000	
Date	2020/08/20	
Paper Size	Project Number	
A1	055	
Revision	Drawn	Checked
0	M Fourie	JD van der Walt
Drawing Status		
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