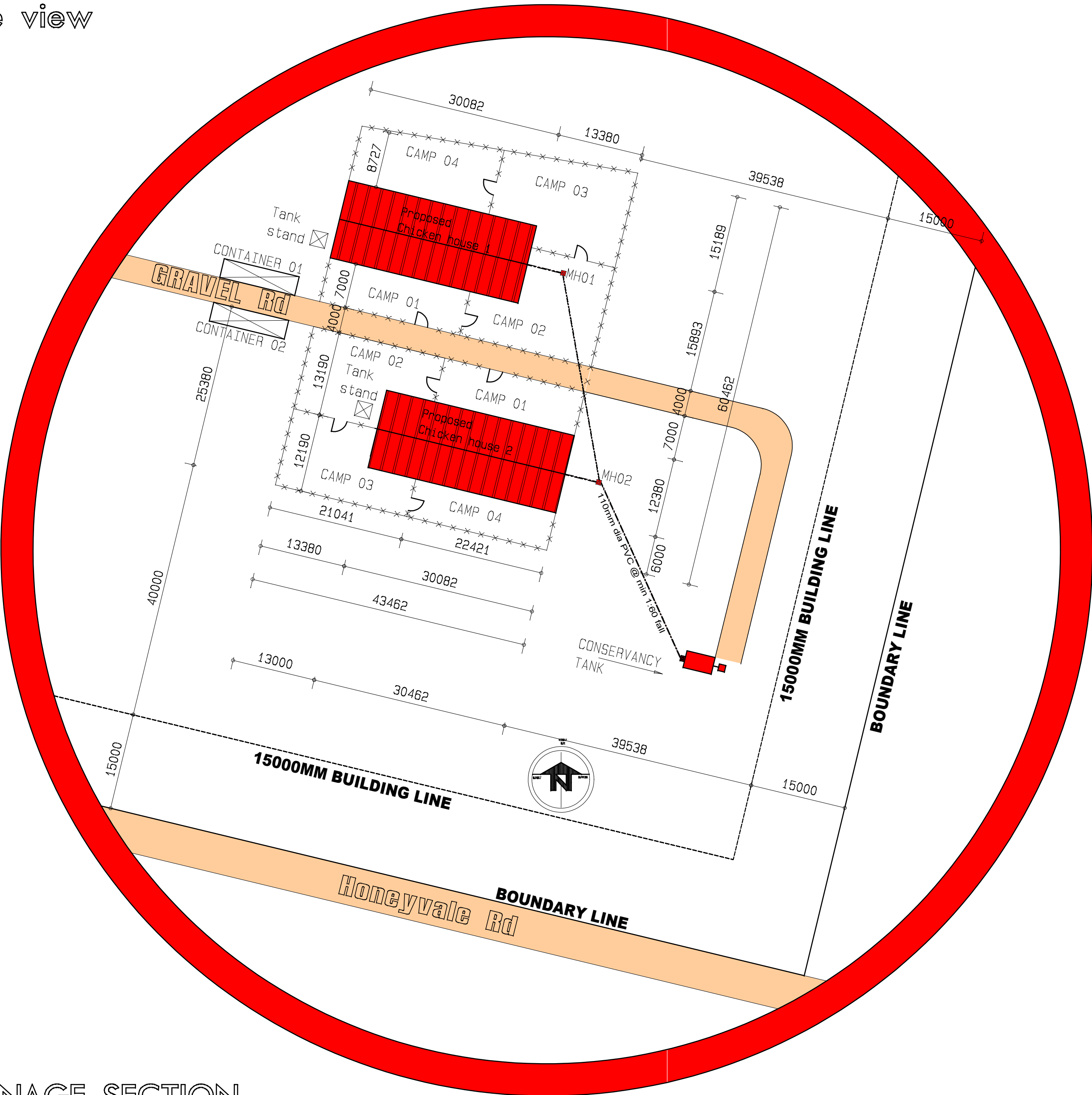
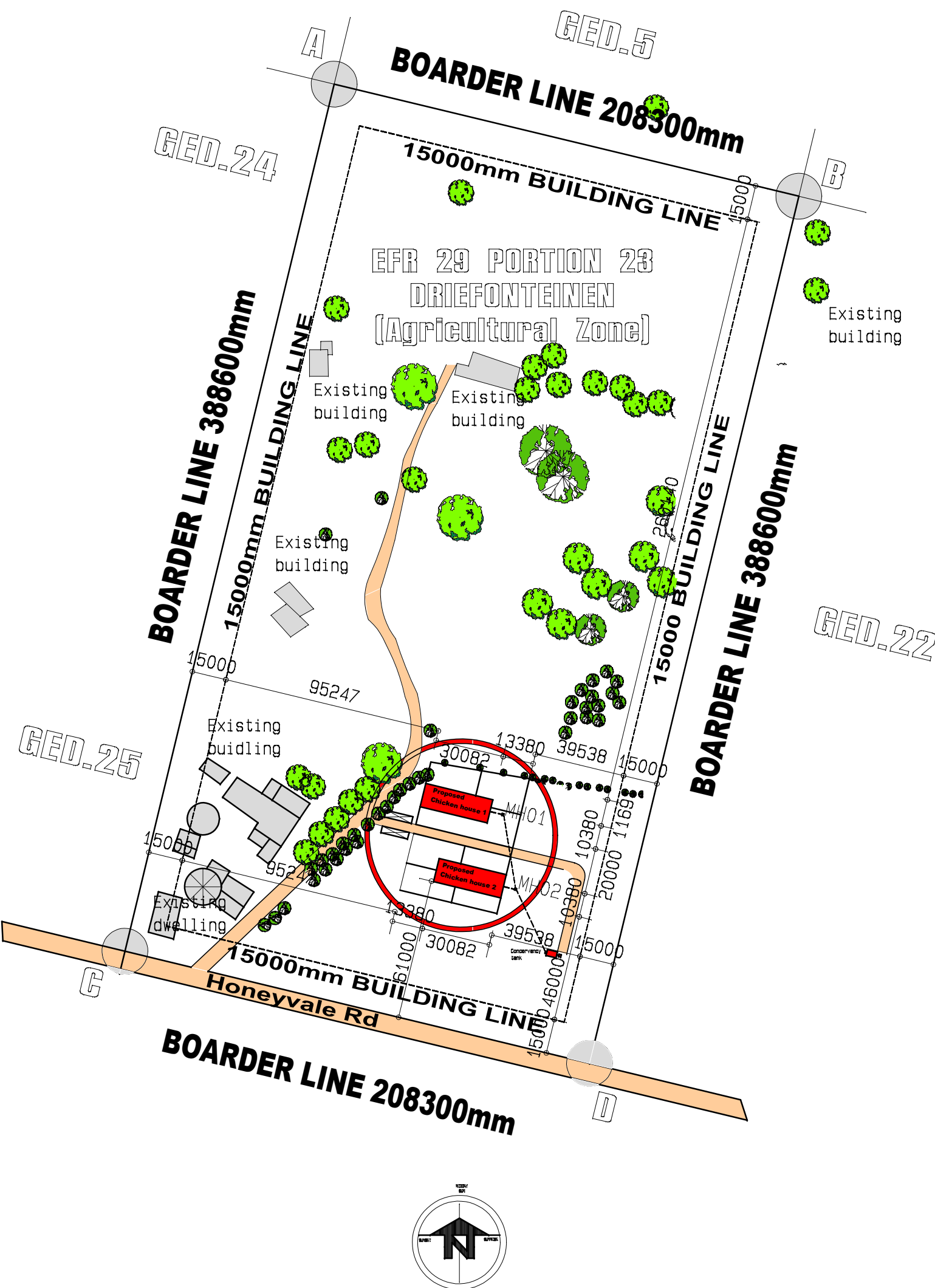


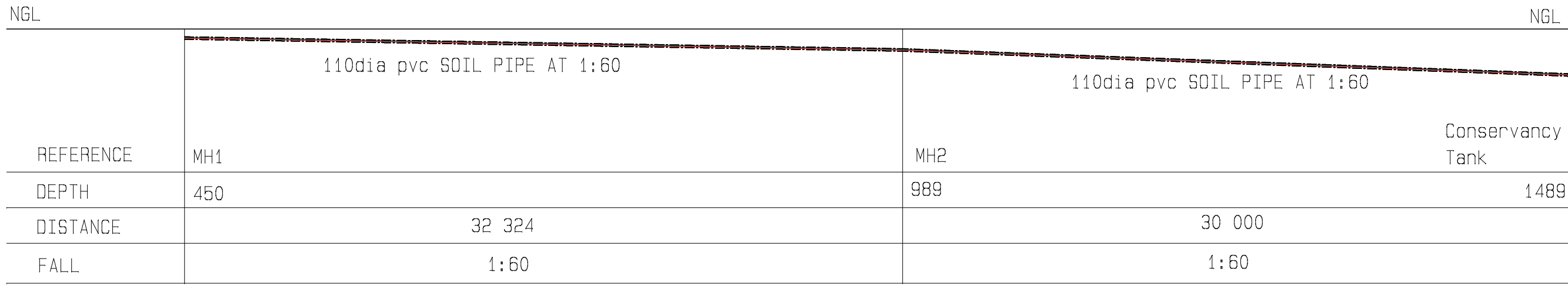
SITE LAYOUT: Close view
Scale 1:500

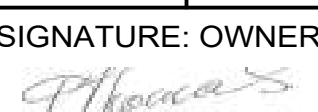
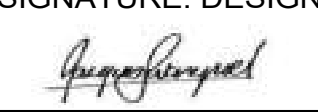


SITE LAYOUT
Scale 1:2000



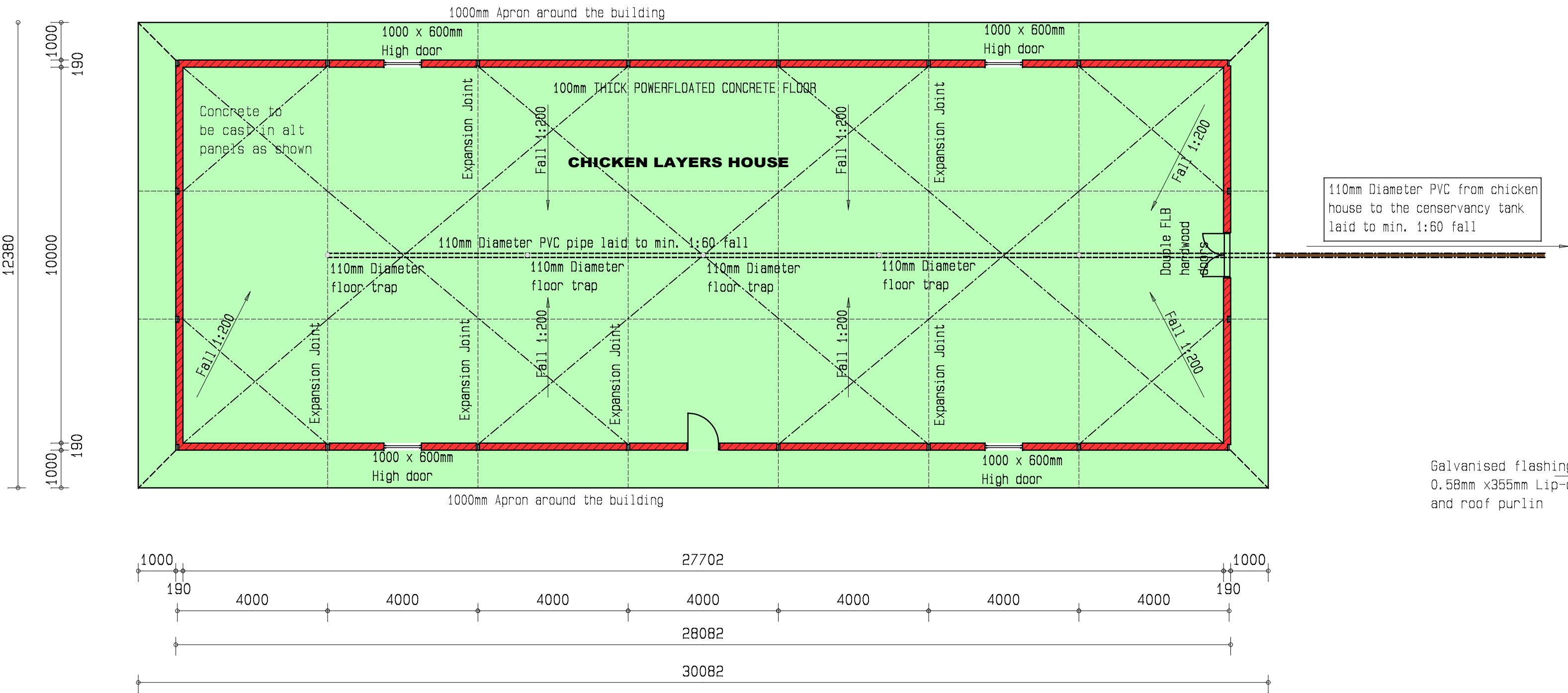
SCHEMATIC DRAINAGE SECTION
scale: 1:200



 CASIDRA DRAWING DESCRIPTIONS MEHETE - CHICKEN HOUSES REV NO: 2 SITE LAYOUT DESIGNER JACQUES SWANEPOEL SIGNATURE: OWNER/TRUSTEE  COVERAGE: SIGNATURE: DESIGNER 	ENGINEER MBB CONSULTING ENGINEERS DETAILS: NAME: ENGINEER W.H VISSER SIGNATURE: ENGINEER 	CLIENT: MEHETE FARM CONTACT DETAILS: DESIGNER Jacques Swanepoel CELL: 084 900 9992 PROJECT MANAGER TECHNICAL Shogo Mokgotho CELL: 072 655 4696 PROJECT MANAGER PMU SECTION Warren Marcus CELL: 082 719 9034	PARTICULARS: ERF NO: 23/29 FARM NAME: DRIEFONTEINEN SUBURB: ATLANTIS MUNICIPALITY: CITY OF CAPE TOWN SIZE OF PLOT: 81 000,00 sqm EXIST FLOOR SIZE: 0,00 sqm ADDITIONS: TOTAL FLOOR SIZE: 560,00 sqm	PARTICULARS: The Designer carries no responsibility for any structural design and recommends that the owner appoint a registered engineer to verify the design. All foundations, foundation walls, retaining walls, concrete work, re-inforced concrete beams, concrete floor slabs and roof structures to be designed by a structural engineer and built to his details and specifications. These documents and their contents remain the architects property and copyright is reserved therein. They are for your personal information only and may not be copied, duplicated in any respect and not given or made accessible to a third party. No operations may be carried out using these documents or any portion of their contents or any information contained therein without special permission. Dimensions, descriptions and quantities on this drawing to be verified on site, before ordering material and commencing with work. The Designer is not responsible for the construction or overseeing of the project unless otherwise stated. The Design of the structure is designed for normal ground conditions; it is the responsibility of the owner to take appropriate steps for ground survey and engineering details if required.	ARCH INFO: J.F. SWANEPOEL ST 1037 (Senior Prof Arch Tech) PROPOSED NEW CHICKEN HOUSES SHEET 1 OF 4 SHEET SIZE: A1 DATE MARCH 2021 MUNICIPAL APPROVAL STAMP
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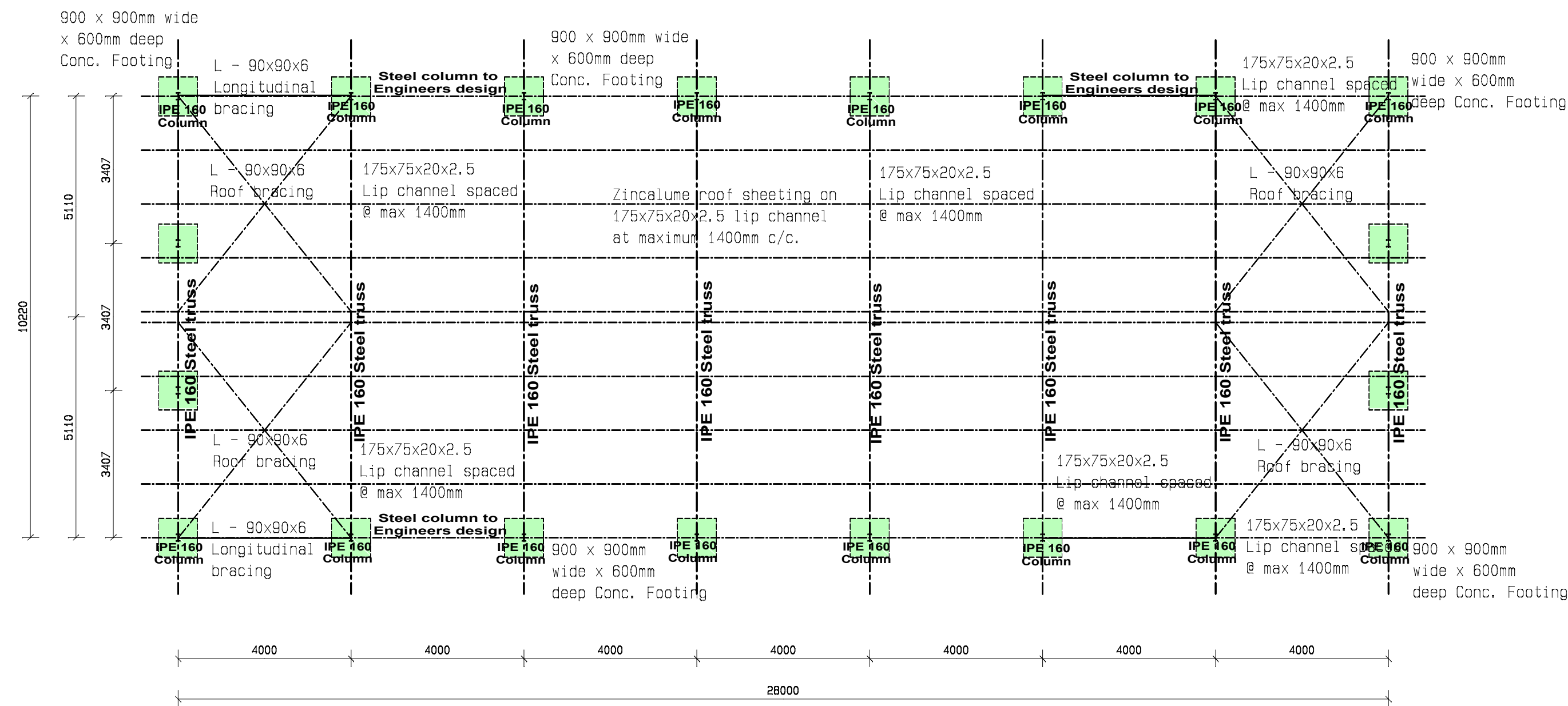
FLOOR PLAN OF BUILDING WORK

Scale 1:100



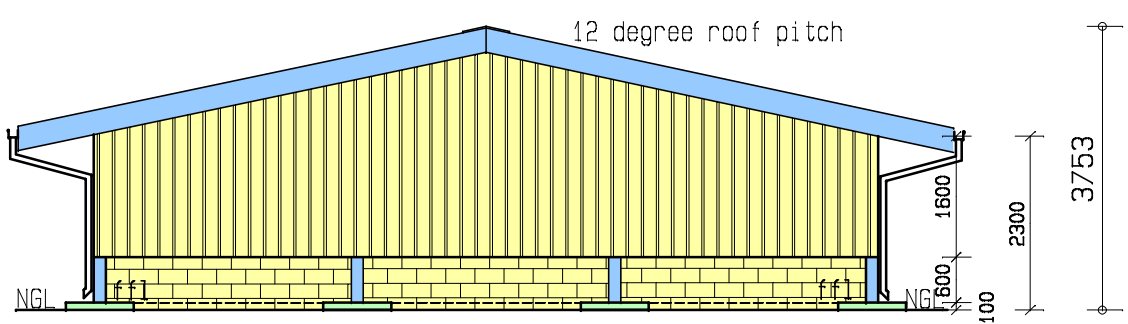
FLOOR PLAN OF STEEL STRUCTURE

Scale 1:100



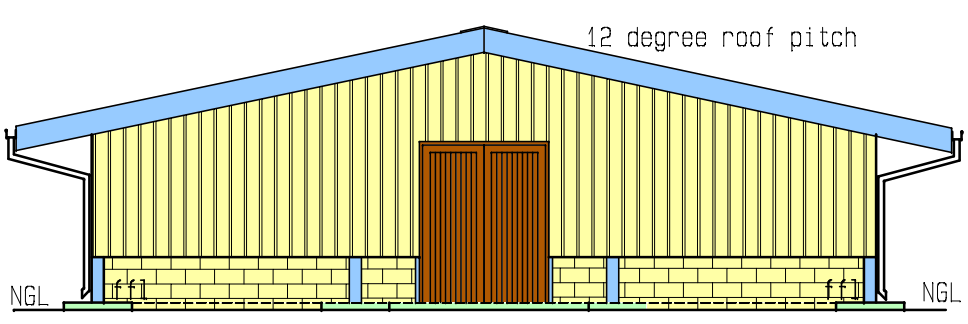
FRONT ELEVATION

Scale 1:100



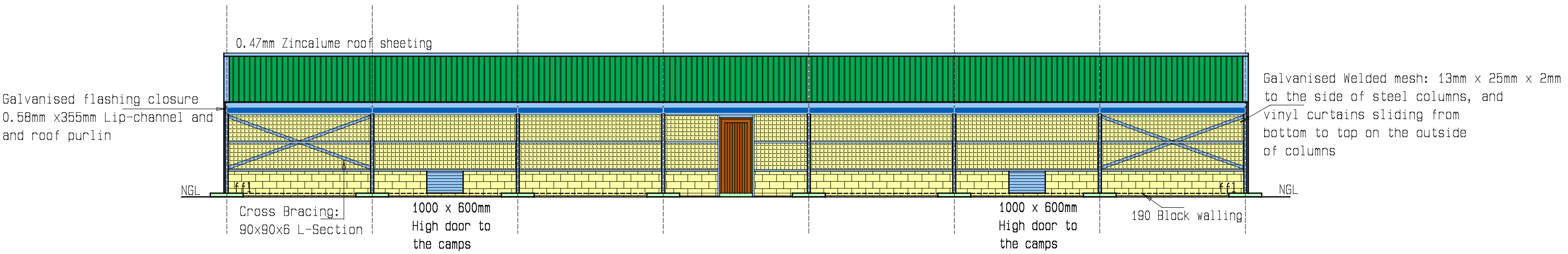
REAR ELEVATION

Scale 1:100



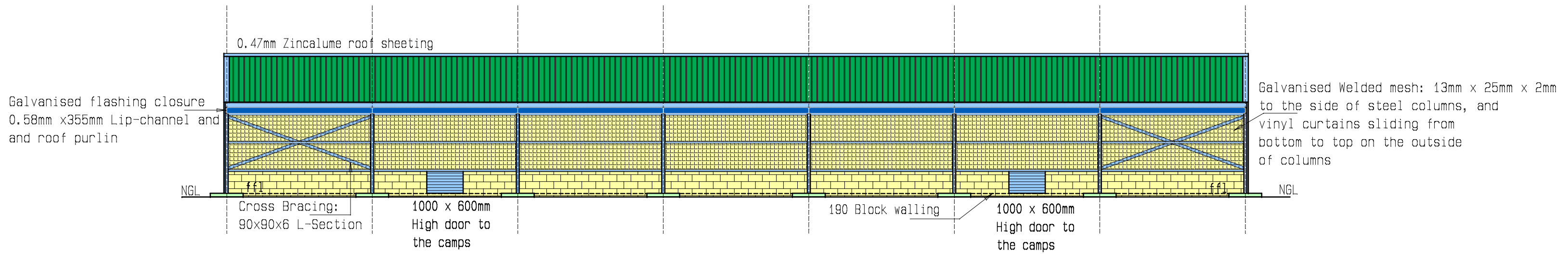
SIDE ELEVATION

Scale 1:100



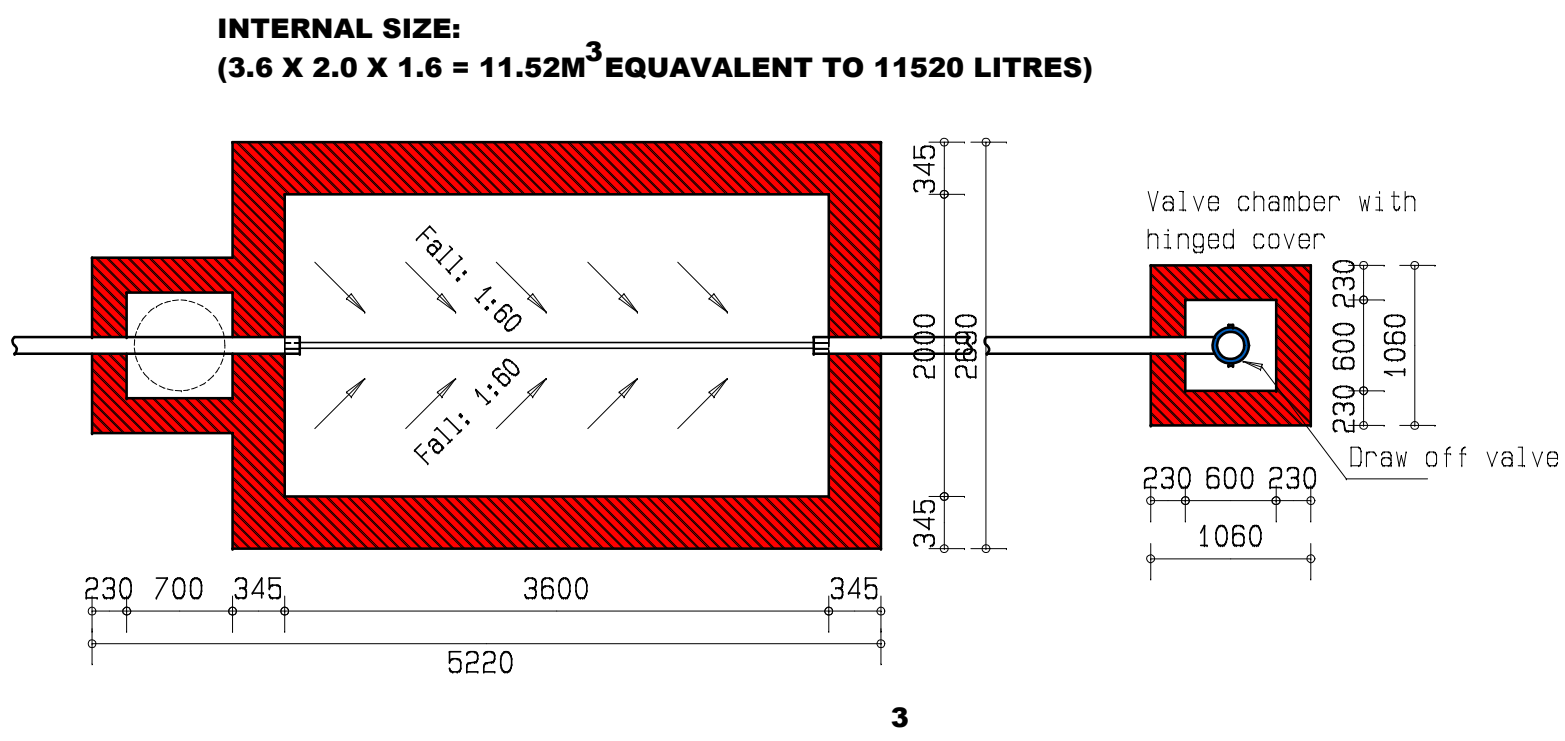
SIDE ELEVATION

Scale 1:100



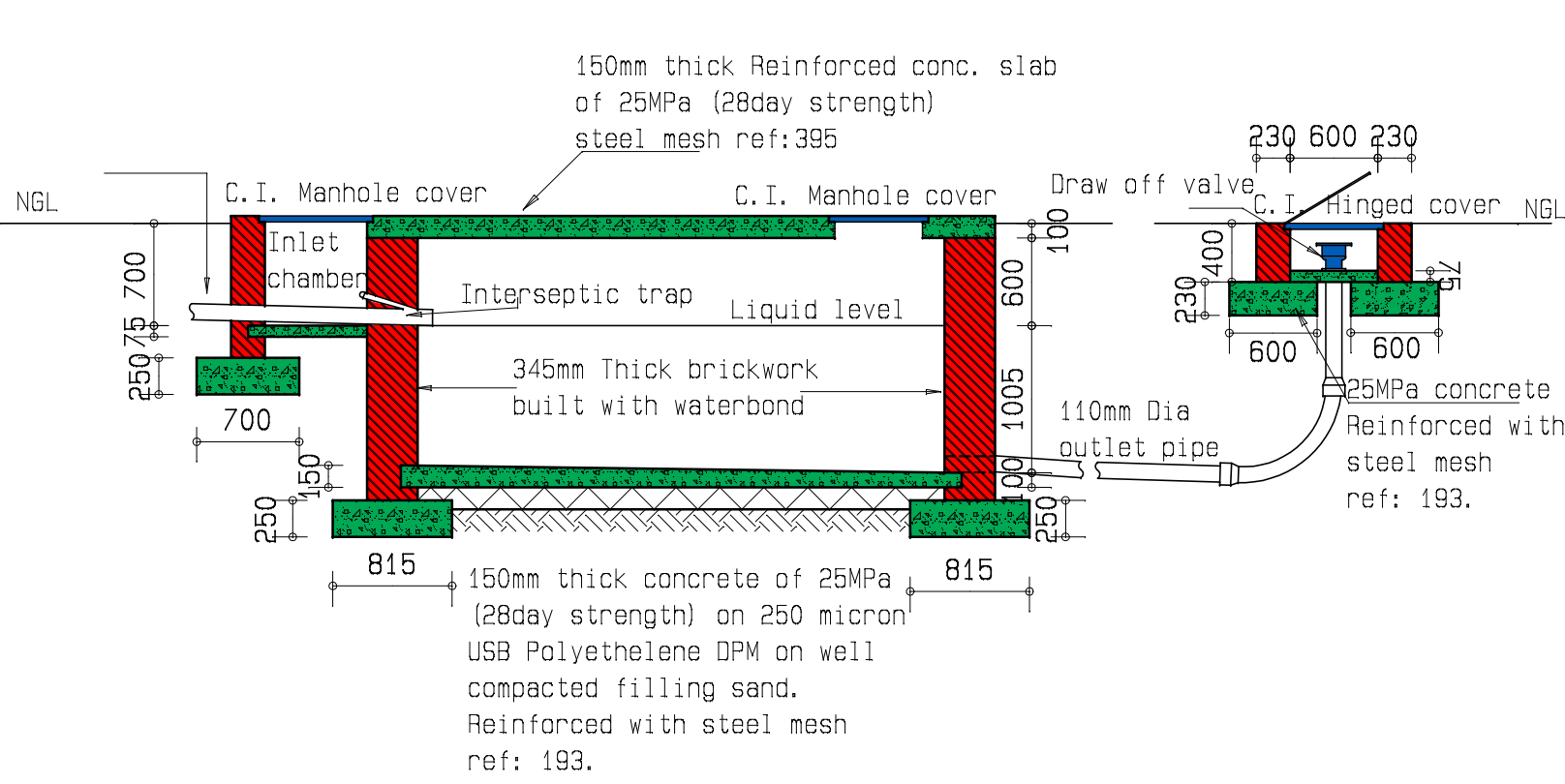
PLAN OF CONSERVANCY TANK

Scale 1:50



SECTION OF CONSERVANCY TANK

Scale 1:50



CASIDRA			ENGINEER		CLIENT:			PARTICULARS:		PARTICULARS:				ARCH INFO:					
			MBB CONSULTING ENGINEERS		MEHETE FARM			ERF NO:		23/29		The Designer carries no responsibility for any structural design and recommends that the owner appoint a registered engineer to verify the design.				J.F. SWANEPOEL		ST 1037 (Senior Prof Arch Tech)	
								FARM NAME:		DRIEFONTEINEN		All foundations, foundation walls, retaining walls, concrete work, re-inforced concrete beams, concrete floor slabs and roof structures to be designed by a structural engineer and built to his details and specifications.				PROPOSED NEW CHICKEN HOUSES SHEET 1 OF 3			
DRAWING DESCRIPTIONS:			MEHETE - CHICKEN HOUSES		REV NO: 02			SUBURB:		ATLANTIS		These documents and their contents remain the architects property and copyright is reserved therein. They are for your personal information only and may not be copied, duplicated in any respect and not given or made accessible to a third party. No operations may be carried out using these documents or any portion of their contents or any information contained therein without special permission.							
DETAILS:			CONTACT DETAILS:					MUNICIPALITY:		CITY OF CAPE TOWN		Dimensions, descriptions and quantities on this drawing to be verified on site, before ordering material and commencing with work.				MUNICIPAL APPROVAL STAMP			
DETAILS:			CONTACT DETAILS:					SIZE OF PLOT:		81 000,00 sqm		The Designer is not responsible for the construction or overseeing of the project unless otherwise stated. The Design of the structure is designed for normal ground conditions; it is the responsibility of the owner to take appropriate steps for ground survey and engineering details if required.							
FLOOR LAYOUT			ELEVATIONS		SECTION			DESIGNER		Jacques Swanepoel		CELL: 084 900 9992							
DETAILS								PROJECT MANAGER TECHNICAL		Tshego Mokgotho		CELL: 072 655 4696							
DESIGNER			SIGNATURE: OWNER/TRUSTEE		NAME: ENGINEER			PROJECT MANAGER PMU SECTION		Warren Marcus		CELL: 082 719 9034							
JACQUES SWANEPOEL					W.H VISSER														
COVERAGE:			SIGNATURE: DESIGNER		SIGNATURE: ENGINEER														
																			

Scale 1:50



Scale 1:20



Scale 1:20



1. DESIGN
SANS 10160 LOADINGS
SANS 10100-1 STRUCTURAL USE OF CONCRETE

CONCRETE CLASS
BASE 35/19 (C29/35)

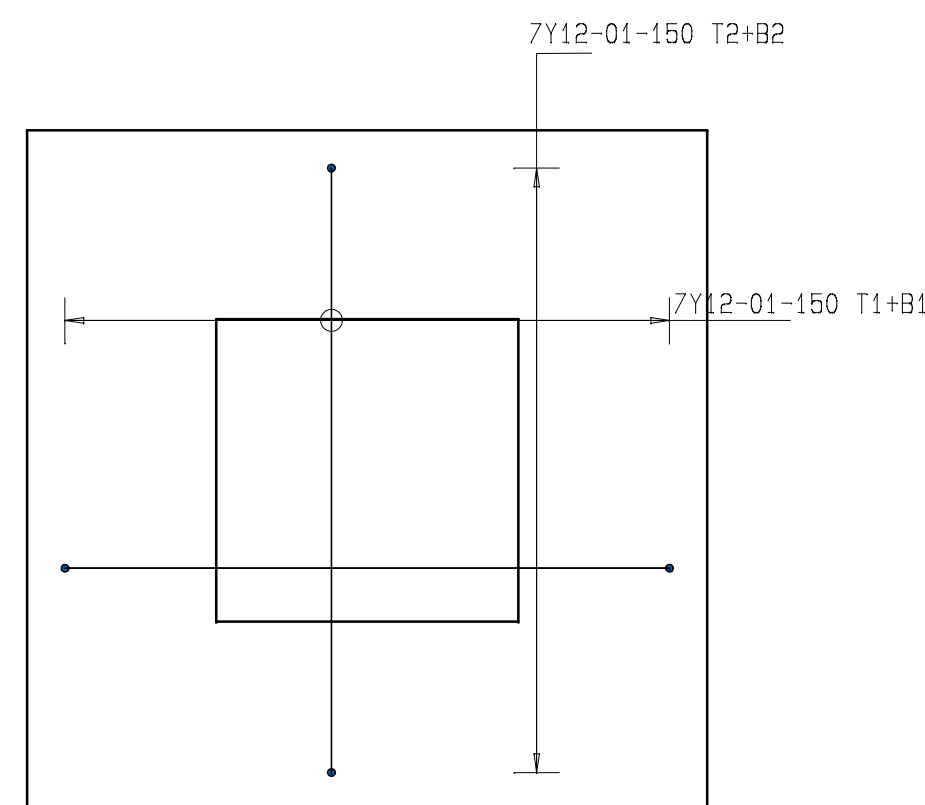
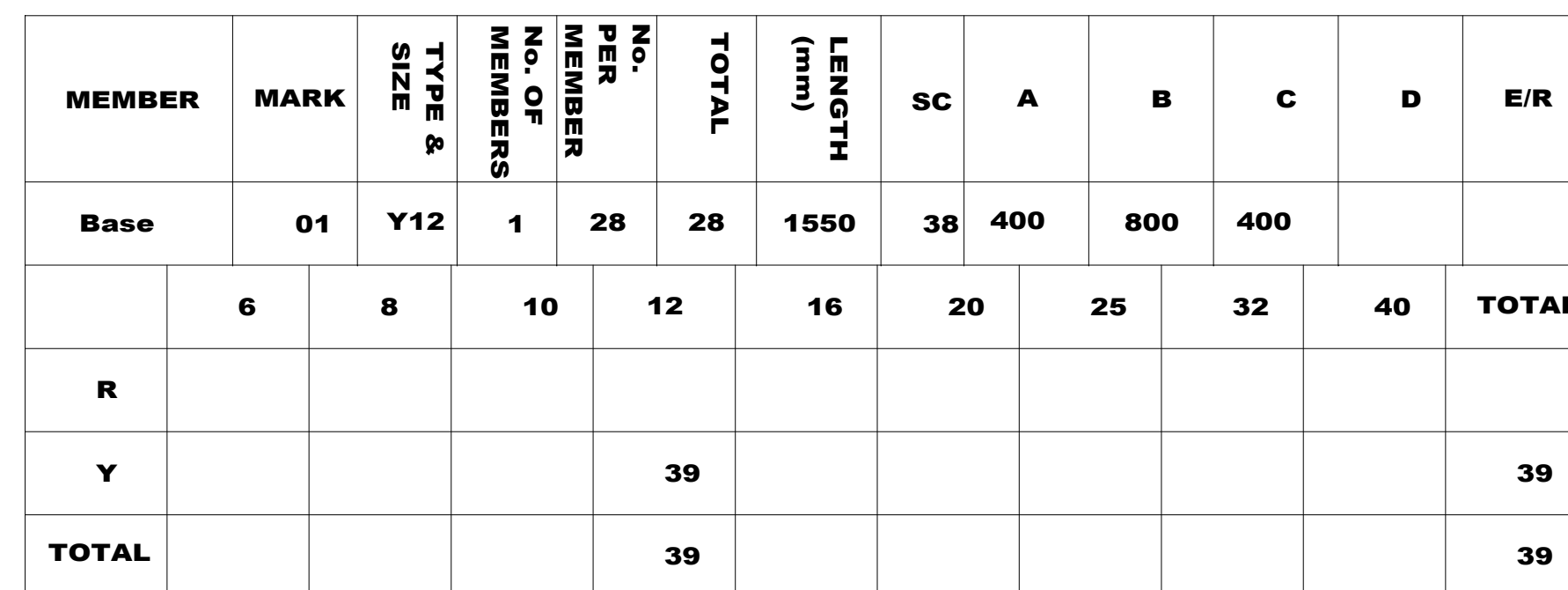
STEEL REINFORCEMENT
REINFORCEMENT BARS TO COMPLY WITH SANS 920:2011
HIGH YIELD STRESS STEEL $F_y=450\text{MPa}$
MILD YIELD STRESS STEEL $F_y=250\text{MPa}$
BENDING OF REINFORCEMENT SHALL BE IN ACCORDANCE
WITH SANS 282:2011

CONCRETE COVER (Cmin)	BOT	SIDES	TOP
BASE 70mm	50mm	40mm	

CONCRETE FINISH AS SPECIFIED BY THE ENGINEER

MINIMUM REINFORCEMENT BAR LAP LENGTH = $30 \times \text{BAR DIA}$
UNLESS INDICATED OTHER WISE
COVER BLOCKS TO BE PLACED AT MINIMUM 1M C/C OR 1/M

ALL EXPOSED CORNERS 25x25 CHAMFER



TYPICAL SECTION
SCALE 1:10

PLAN VIEW
0.9x0.9x0.6 FOOTING
SCALE 1:10

Detail 2

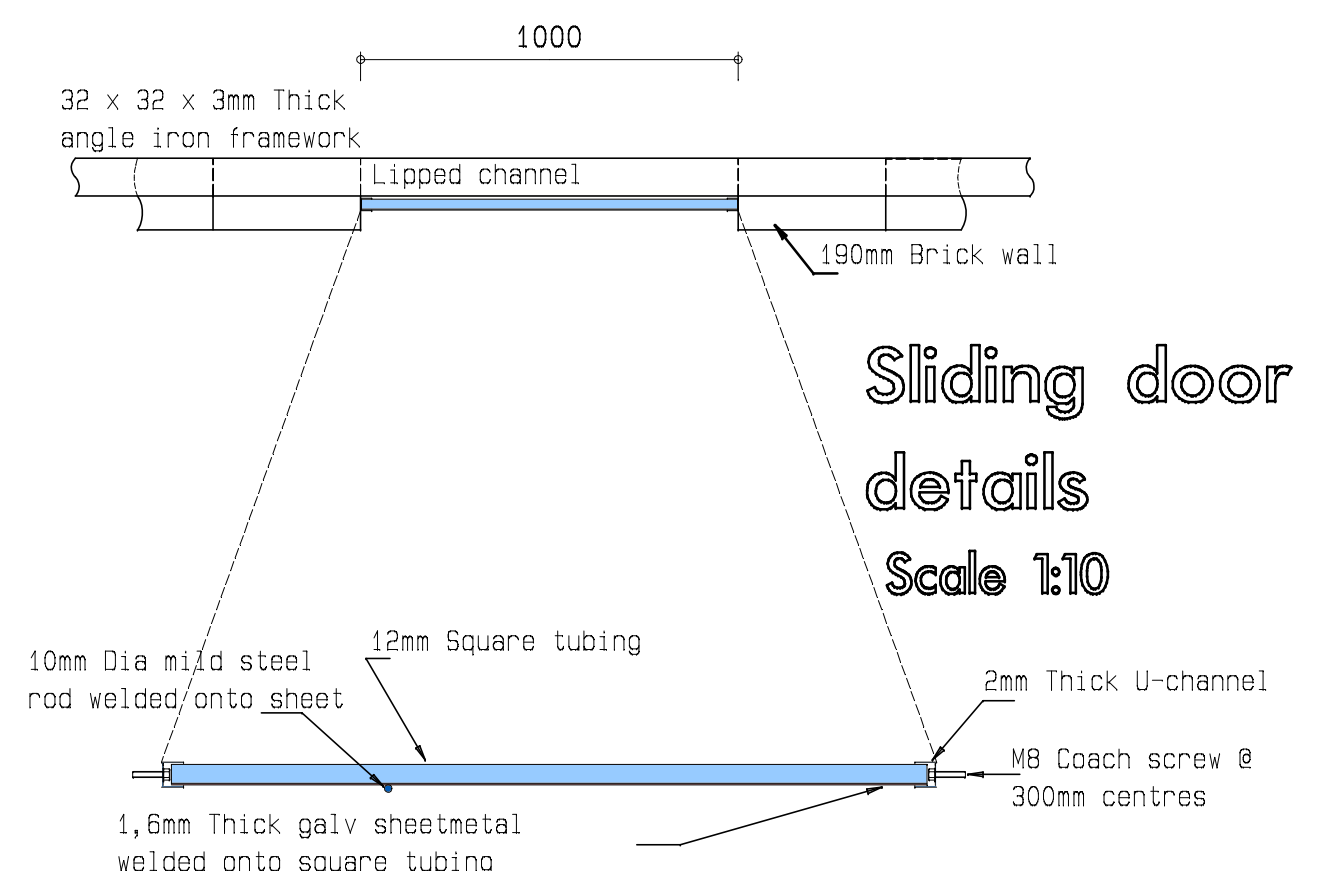
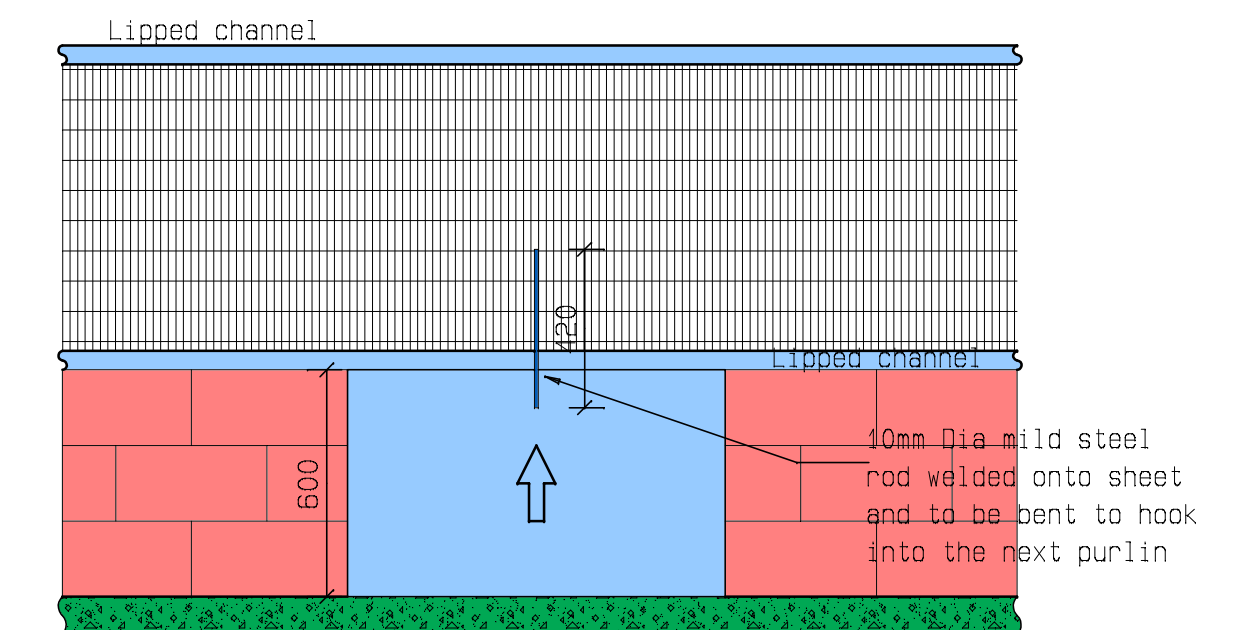
Scale 1:10



Scale 1:10



Scale 1:20



Sliding door
details
Scale 1:10

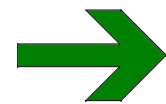
			ENGINEER MBB CONSULTING ENGINEERS		CLIENT: MEHETE FARM		PARTICULARS:		PARTICULARS:		ARCH INFO:	
DRAWING DESCRIPTIONS: MEHETE - CHICKEN HOUSES REV NO: 0			DETAILS:		CONTACT DETAILS:		ERF NO: 23/29 FARM NAME: DRIEFONTEINEN SUBURB: ATLANTIS MUNICIPALITY: CITY OF CAPE TOWN SIZE OF PLOT: 81 000,00 sqm FLOOR SIZE: 280,000 sqm ADDITIONS: 0,00 sqm TOTAL FLOOR SIZE: 560,00 sqm		The Designer carries no responsibility for any structural design and recommends that the owner appoint a registered engineer to verify the design. All foundations, foundation walls, retaining walls, concrete work, re-inforced concrete beams, concrete floor slabs and roof structures to be designed by a structural engineer and built to his details and specifications. These documents and their contents remain the architects property and copyright is reserved therein. They are for your personal information only and may not be copied, duplicated in any respect and not given or made accessible to a third party. No operations may be carried out using these documents or any portion of their contents or any information contained therein without special permission. Dimensions, descriptions and quantities on this drawing to be verified on site, before ordering material and commencing with work. The Designer is not responsible for the construction or overseeing of the project unless otherwise stated. The Design of the structure is designed for normal ground conditions; it is the responsibility of the owner to take appropriate steps for ground survey and engineering details if required.		J.F. SWANEPOEL ST 1037 (Senior Prof Arch Tech)	
SECTIONS			NAME: ENGINEER W.H VISSER		DESIGNER Jacques Swanepoel CELL: 084 900 9992 PROJECT MANAGER TECHNICAL Tshago Mokgotho CELL: 072 655 4696 PROJECT MANAGER PMU SECTION Warren Marcus CELL: 082 719 9034				PROPOSED NEW CHICKEN HOUSES		SHEET 2 OF 3	
DESIGNER JACQUES SWANEPOEL SIGNATURE: OWNER/TRUSTEE			SIGNATURE: ENGINEER						SHEET SIZE: A1 DATE: NOVEMBER 2020		MUNICIPAL APPROVAL STAMP	
COVERAGE:			SIGNATURE: DESIGNER									

FIRE ESCAPE PLAN

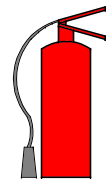
LEGEND



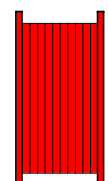
Emergency exit



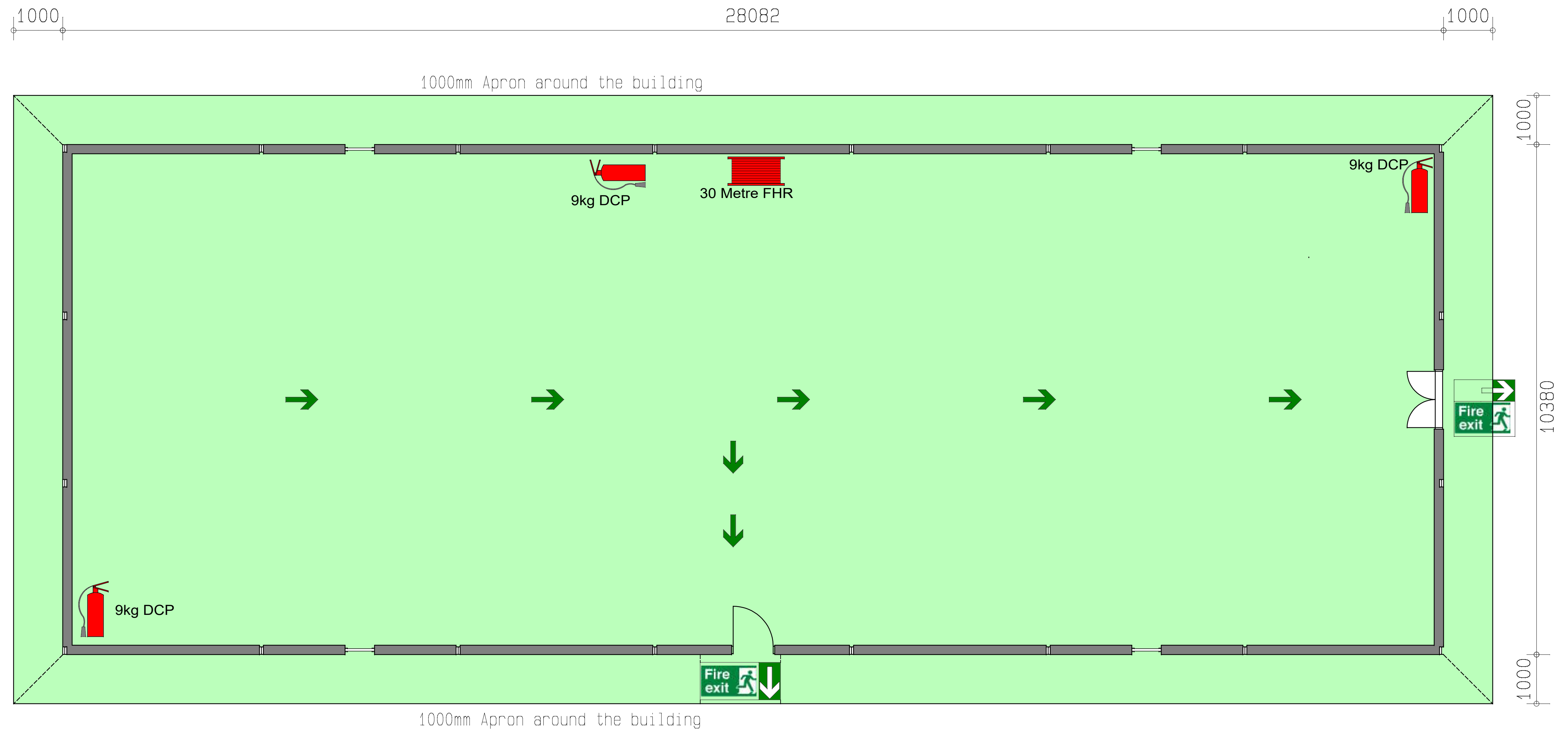
Escape route



9kg DCP Fire Extinguisher



30m Fire Hose Reel



 CASIDRA			CLIENT:			PARTICULARS:		PARTICULARS:		ARCH INFO:		
			MEHETE FARM			ERF NO: 23/29		The Designer carries no responsibility for any structural design and recommends that the owner appoint a registered engineer to verify the design. All foundations, foundation walls, retaining walls, concrete work, re-inforced concrete beams, concrete floor slabs and roof structures to be designed by a structural engineer and built to his details and specifications. These documents and their contents remain the architects property and copyright is reserved therein. They are for your personal information only and may not be copied, duplicated in any respect and not given or made accessible to a third party. No operations may be carried out using these documents or any portion of their contents or any information contained therein without special permission. Dimensions, descriptions and quantities on this drawing to be verified on site, before ordering material and commencing with work. The Designer is not responsible for the construction or overseeing of the project unless otherwise stated. The Design of the structure is designed for normal ground conditions; it is the responsibility of the owner to take appropriate steps for ground survey and engineering details if required.		J.F. SWANEPOEL ST 1037 (Senior Prof Arch Tech)		
						FARM NAME: DRIEFONTEINEN				PROPOSED FIRE PLAN FOR THE STORE SHEET 4 OF 4		
CONTACT DETAILS:			SUBURB: Atlantis		MUNICIPALITY: City of Cape Town		SHEET SIZE: A3 DATE MARCH 2021 MUNICIPAL APPROVAL STAMP					
DESIGNER Jacques Swanepoel CELL: 084 900 9992			MUNICIPALITY: City of Cape Town									
PROJ MANAGER TECHNICAL Tshego Mokgotho CELL: 072 655 4696			SIZE OF PLOT: 81 000,00 sqm		EXIST FLOOR SIZE: 0,00		ADDITIONS: 0,00		TOTAL FLOOR SIZE: 590 sqm			
PROJ MANAGER PMU SECTION Warren Marcus CELL: 082 719 9034			SIZE OF PLOT: 81 000,00 sqm									
DRAWING DESCRIPTIONS: MEHETE FIRE PLAN DWG REV NO: 02			DESIGNER		FIRE PLAN		COVER		DATE			
SIGNATURE: OWNER/TRUSTEE			PROJ MANAGER TECHNICAL		SIGNATURE: OWNER/TRUSTEE		SIGNATURE: DESIGNER		DATE			
SIGNATURE: DESIGNER			PROJ MANAGER PMU SECTION		SIGNATURE: DESIGNER		SIGNATURE: DESIGNER		DATE			