

<u>ADDENDUM</u>	No. 01
<u>CONTRACT NUMBER:</u>	JW14466R
<u>CONTRACT TITLE:</u>	OLIFANTSVLEI WASTERWATER TREATMENT WORKS, IFRASTRUCTURE RENEWAL PLAN REFURBISHMENT AND REPAIR OF THE VAN WYKRUST SEWER PUMP STATION
<u>SUBJECT</u>	Addendum 01
<u>Date</u>	06 AUGUST 2026
<u>Sender</u>	Nthabiseng Matabane email -Nthabiseng.matabane@jwater.co.za

Tenderers are required to incorporate the following:

1. Replace Page C9, C10 and C12 (Agreement and Contract Data) of the uploaded tender document.
2. Replace page RD47 (T2.3.2 Returnable Annexure B: Acknowledgement of Tender Drawings) of the uploaded tender document.
3. Replace drawing BW1400-RHD-C1-10-D-C-1001 with Drawing BW1400-RHD-C1-02-C-0206.
4. Conduct an additional compulsory tender briefing session and provide an opportunity for bidders who were unable to participate in the original tender due to the conditions stipulated in the tender document to participate in the procurement process.
5. Closing Date amended to 10 September 2026 at 10:30
6. A revised tender document be issued



Mulatwa Thangavhuelelo
Acting General Manager: Supply Chain Management

Addendum Received

Name of Company:.....

Name of authorised person:.....

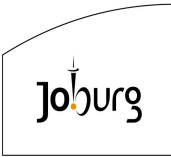
Signature:.....

Date:.....

Directors:

Ms Dineo Majavu (Chairperson), Mr Ntshavheni Mukwevho (Chief Executive Officer and Executive Director),
Mr Kgaugelo Mahlaba (Chief Financial Officer and Executive Director), Mr Sipho Mthembu, Ms Zandile Meeleso, Mr Pholoso Matjele,
Mr Molate Mashifane, Mr Collen Sambo, Mr Makoko Makgonye, Ms Thabiso Kutumela, Mr Kefiloe Mokoena

Ms Kethabile Mabe (Company Secretary),
Johannesburg Water SOC Ltd
Registration Number: 2000/029271/30



Johannesburg Water (SOC) Ltd



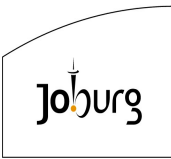
CONTRACT: JW14466R

**OLIFANTSVLEI WASTEWATER TREATMENT WORKS
INFRASTRUCTURE RENEWAL PLAN
REFURBISHMENT OF VAN WYKSRUST PUMP
STATION**

VOLUME 1

PART 1: AGREEMENT AND CONTRACT DATA

Employer:		Contractor:	
Witness:		Witness:	



Contract: JW14466R
OLIFANTSVLEI WASTEWATER TREATMENT WORKS IRP
REFURBISHMENT OF VAN WYKS RUST PUMP STATION



Volume 1 Tender and Contract
Section C1 Agreement and Contract Data

GCC Clause	Information
5.3.1	The documentation required before commencement with Works execution are: • Approved Health and Safety File (Clause 4.3) • Approval of the Environmental File (Clause 4.3) • Initial programme & cashflow projections (Clause 5.6) • Guarantee from Bank or Insurance Company (Clause 6.2) • Insurance of the Works, Plant, etc. (Clause 8.6), including but not limited to: ○ SASRIA Policy ○ Public Liability Insurance ○ Insurance of Construction Machinery and Plant ○ Insurance of Motor Vehicle Liability, etc. ○ Contractors All Risk Insurance ○ All other insurances to be supplied by Contractor • Compliance Certificate in respect of COID • Signed Notification to the Department of Labour • Construction Permit (where applicable). The Employer will require Health and Safety documentation from the Contractor to acquire this permit. • Organogram of resources • Delegation of Authority (on company letterhead) • Subcontract plan / proposal which includes a number of Subcontractors that meet requirements as per conditions of C1.2.1.2.14
5.3.2	The time to submit the documentation required before Commencement of the Works is 28 days.
5.3.3	Time to instruct commencement of the Works Delete Clause 5.3.3 and replace with the following: The Contractor shall commence with carrying out the Works upon written instruction from the Employer's Agent to commence with the Works.
5.4.2	The Works will be executed on an operational Wastewater Treatment Works. The Treatment Works shall remain operational at all times, except when written permission is granted by the Employer's Agent for any interruption or shutdown. All such interruptions/shutdowns shall be included in the Contractor's Programme.
5.6.2.8	10 days inclement weather to be allowed for in the tender
5.8.1	Working days shall be Monday to Friday, between 07h00 to 17h00.
5.8.1	The non-working days are Saturdays and Sundays. The special non-working days are all Public Holidays in terms of the Public Holidays Act (as amended), and the annual "Builder's Break" as defined by SAFCEC on an annual basis and Easter Holidays.

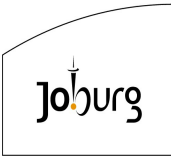
Employer:		Contractor:	
Witness:		Witness:	

Volume 1 Tender and Contract

Section C1 Agreement and Contract Data

GCC Clause	Information
5.13.1	The penalty for failing to complete the Works is the greater of: An amount equal to the daily Time Related P&G rate (as calculated from the Time Related P&G section in the Bill of Quantities) or R25,000.00 per day, whichever is greater.
5.14.1	The requirements for achieving Practical Completion are: • Refurbishment of the Van Wyksrust pump station building such that the building can be safely occupied for operating the pump station. • Installation, testing and commissioning of the pump station mechanical, electrical and control equipment such that all equipment can be put into automatic operation safely. • Construction, testing and made available for use, new bypass and screenings facilities. • Construction, testing and made available for use, of new bypass and screenings facilities, inclusive of installation, testing, commissioning and made available for full automatic operation of equipment. • Construction, testing and made available for use, of existing channels and equipment screenings facilities, inclusive of installation, testing, commissioning and made available for full automatic operation of equipment. All building works to be connected to water and sewer and have electrical installation with a certificate of compliance. • Construction and installation of all security measures infrastructure. • Refurbishment of Substation C, inclusive of installation, testing and commissioning of electrical equipment.
5.16.3	The latent defects period is 10 years for Civil Engineering works, Five (5) years for Building Works, Three (3) years for Electrical, Control and Instrumentation engineering works and Five (5) years for Mechanical engineering works.
6.2.1	The time to deliver the Form of Guarantee is within 28 days from the Commencement Date. The security to be provided by the Contractor shall be in the form of a On-demand Performance Guarantee and will comply with the requirements of Clause 6.2.3. The value of the Performance Guarantee shall be ten (10)% of the Contract Sum, which sum excludes VAT.
6.8.2	The Contract Price Adjustment is applicable for this contract. No price adjustment will be affected on the first 12 months from commencement of works. The following formula will be applied thereafter. $(1 - x) \left[a \frac{L_t}{L_o} + b \frac{P_t}{P_o} + c \frac{C_t}{C_o} + d \frac{M_t}{M_o} + e \frac{E_t}{E_o} + f \frac{F_t}{F_o} - 1 \right]$ In which the symbols have the following meaning as per GCC 2015: "x" is the proportion of "Ac" which is not subject to adjustment. The value of "x" is 0,10 "a", "b", "c", "d", "e" and "f" are the coefficients contained in the Contract Data, which are deemed, irrespective of the actual constituents of the work, to represent

Employer:		Contractor:	
Witness:		Witness:	



Contract: JW14466R
OLIFANTSVLEI WASTEWATER TREATMENT WORKS IRP
REFURBISHMENT OF VAN WYKS RUST PUMP STATION



Volume 1 Tender and Contract

Section C1 Agreement and Contract Data

GCC Clause	Information
6.8.3	Price adjustments for variations in the costs of special materials are NOT allowed.
6.10.1.5	The percentage advance on materials not yet built into the Permanent Works is 80%.
6.10.3	The percentage retention on the amounts due to the Contractor is 10%. The limit of retention money is 5% of the Contract Price.
6.10.4	Delivery, dissatisfaction with and payment of payment certificates Delete Clause 6.10.4 and replace with the following: Payment shall be made upon: • The Contractor providing a payment certificate with all required supporting documents to the Employer's Agent on a date that will be communicated to the Contractor at project handover: • The agreed payment certificate being submitted with an original tax invoice. • A financial statement of account being submitted on the last day of the month. Payment will be made within 30 days of receipt of the Contractor's financial statement of account and valid tax invoice. Payment shall be subject to the Contractor submitting all the above. The Original Tax Invoice must be compliant with SARS requirements. Any dissatisfaction in respect of such payment certificate shall be dealt with in terms of Clause 10.2.
6.10.5	Payment of Retention Money Add to Clause 6.10.5 the following: Payment will be subject to Johannesburg Water processes as outlined in clause 6.10.4 as amended.
6.11	Delete clause 6.11 and replace with: There will be no specific adjustment to General Items for variations exceeding 15%
7.8.2	Cost of making good of defects Amend Clause 7.8.2.1 as follows: In the first line, correct the spelling of 'therefore'.
8.1.1	Add to the end of Clause 8.1.1 the following text: "Although the extent of the Works and the Site are located within the boundaries of the Olifantsvlei Wastewater Treatment Works, and the Employer may (or may

Employer:		Contractor:	
Witness:		Witness:	



Contract JW14466R
OLIFANTSVLEI WASTEWATER TREATMENT WORKS
INFRASTRUCTURE RENEWAL PLAN
REFURBISHMENT OF VAN WYKSRUST PUMP STATION



Volume 1 Tender and Contract
Returnable Documents

Johannesburg Water SOC Ltd



CONTRACT NO: JW14466R

OLIFANTSVLEI WASTEWATER TREATMENT WORKS
INFRASTRUCTURE RENEWAL PLAN
REFURBISHMENT OF VAN WYKSRUST PUMP
STATION

VOLUME 1

RETURNABLE DOCUMENTS
AND
SCHEDULES

Employer:		Contractor:	
Witness:		Witness:	



Contract JW14466R
OLIFANTSVLEI WASTEWATER TREATMENT WORKS
INFRASTRUCTURE RENEWAL PLAN
REFURBISHMENT OF VAN WYKSRUST PUMP STATION



Volume 1 Tender and Contract
Returnable Documents

T2.3.2 RETURNABLE ANNEXURE B: ACKNOWLEDGMENT OF TENDER DRAWINGS

DECLARATION BY CONTRACTOR

I, the undersigned, and representing the tenderer as indicated hereby acknowledge that I have obtained copies of the following listed documentation and confirm that I fully understand the contents thereof and confirm compliance thereto in the event of being successful:

DRAWING LIST:

GENERAL:

DRAWING NUMBER

BW1400-RHD-C1-99-D-C-9901
BW1400-RHD-C1-99-D-C-9902
BW1400-RHD-C1-99-D-C-9903

DRAWING TITLE

COVER PAGE
DRAWING REGISTER
GENERAL NOTES

CIVIL:

DRAWING NUMBER

BW1400-RHD-C1-00-D-C-0001
BW1400-RHD-C1-01-D-C-0101
BW1400-RHD-C1-01-D-C-0102
BW1400-RHD-C1-01-D-C-0103
BW1400-RHD-C1-01-D-C-0104
BW1400-RHD-C1-02-D-C-0201
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BW1400-RHD-C1-02-D-C-0205
BW1400-RHD-C1-02-D-C-0206
BW1400-RHD-C1-03-D-C-0301
BW1400-RHD-C1-03-D-C-0302
BW1400-RHD-C1-03-D-C-0303
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BW1400-RHD-C1-07-D-C-0702
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BW1400-RHD-C1-09-D-C-0901
BW1400-RHD-C1-10-D-C-1001
BW1400-RHD-C1-11-D-C-1101
BW1400-RHD-C1-11-D-C-1102
BW1400-RHD-C1-11-D-C-1201

DRAWING TITLE

GENERAL SITE LAYOUT
VAN WYKSRUST PUMP STATION - SITE LAYOUT
VAN WYKSRUST PUMP STATION - SITE LAYOUT ISOMETRIC
VAN WYKSRUST PUMP STATION - STORMWATER TERRACING
VAN WYKSRUST PUMP STATION - PAVEMENT LAYOUT
VAN WYKSRUST PUMP STATION - DEMOLITION WORK TO EXISTING STRUCTURE - GENERAL LAYOUT & SECTIONS
VAN WYKSRUST PUMP STATION - UNDERGROUND DRAINAGE
VAN WYKSRUST PUMP STATION - VALVE CHAMBER LAYOUT AND SECTIONS
VAN WYKSRUST PUMP STATION - NEW SUBSTRUCTURE AND SUPERSTRUCTURE - GENERAL LAYOUT AND SECTIONS
VAN WYKSRUST PUMP STATION - SPLITTER BOX LAYOUT, SECTIONS, DETAILS & EARTHWORKS
VAN WYKSRUST PUMP STATION - BYPASS CHAMBER LAYOUT, SECTIONS, DETAILS & EARTHWORKS
VAN WYKSRUST PUMP STATION - BYPASS MANHOLE & SUMP LAYOUT, SECTIONS, DETAILS & EARTHWORKS
VAN WYKSRUST PUMP STATION - GENERATOR SLAB LAYOUT, SECTIONS, DETAILS & EARTHWORKS
VAN WYKSRUST PUMP STATION - ELEVATED GUARD HOUSE LAYOUT, SECTIONS, DETAILS & EARTHWORKS
VAN WYKSRUST PUMP STATION - PERIMETER WALL DETAIL
VAN WYKSRUST PUMP STATION - PERIMETER WALL SECTIONS (FOR INFORMATION)
SUBSTATION C - LAYOUT, SECTIONS & DETAILS
SUBSTATION C - PAVEMENT LAYOUT AND DETAILS
EXISTING VAN WYKSRUST RISING MAINS - SCHEMATIC LAYOUT AND DETAILS
VAN WYKSRUST PUMP STATION - SCREENING LAYOUT, SECTIONS, DETAILS & EARTHWORKS
VAN WYKSRUST PUMP STATION - CONCRETE DOOR AND SLAB, GENERAL LAYOUT AND SECTIONS (OMIT)
NAME BOARD - GENERAL ARRANGEMENT
NAME BOARD - DETAILS
VAN WYKSRUST PUMP STATION AND SUBSTATION C - TYPICAL PAVEMENT DETAILS

Employer:		Contractor:	
Witness:		Witness:	

OLIFANTSVLEI WASTEWATER TREATMENT WORKS: VAN WYKSRUST PUMP STATION

INFRASTRUCTURE RENEWAL PLAN

DRAWING LIST:

GENERAL:

DRAWING NUMBER

BW1400-RHD-C1-99-D-C-9901
BW1400-RHD-C1-99-D-C-9902
BW1400-RHD-C1-99-D-C-9903

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COVER PAGE
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BW1400-RHD-C1-01-D-C-0101
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BW1400-RHD-C1-02-D-C-0201
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BW1400-RHD-C1-03-D-C-0302
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BW1400-RHD-C1-09-D-C-0901
BW1400-RHD-C1-10-D-C-1001
BW1400-RHD-C1-11-D-C-1101
BW1400-RHD-C1-11-D-C-1102
BW1400-RHD-C1-11-D-C-1201

DRAWING TITLE

GENERAL SITE LAYOUT
VAN WYKSRUST PUMP STATION - SITE LAYOUT
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NAME BOARD - GENERAL ARRANGEMENT
NAME BOARD - DETAILS
VAN WYKSRUST PUMP STATION AND SUBSTATION C - TYPICAL PAVEMENT DETAILS

MECHANICAL:

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BW1400-RHD-C1-02-D-M-0242
BW1400-RHD-C1-02-D-M-0243

DRAWING TITLE

VAN WYKSRUST PUMP STATION - SCREENINGS CHANNEL MECHANICAL LAYOUT
VAN WYKSRUST PUMP STATION - GENERAL ARRANGEMENT AND SECTIONS
VAN WYKSRUST PUMP STATION - PIPE SCHEDULE
VAN WYKSRUST PUMP STATION - PROCESS FLOW DIAGRAM

ELECTRICAL:

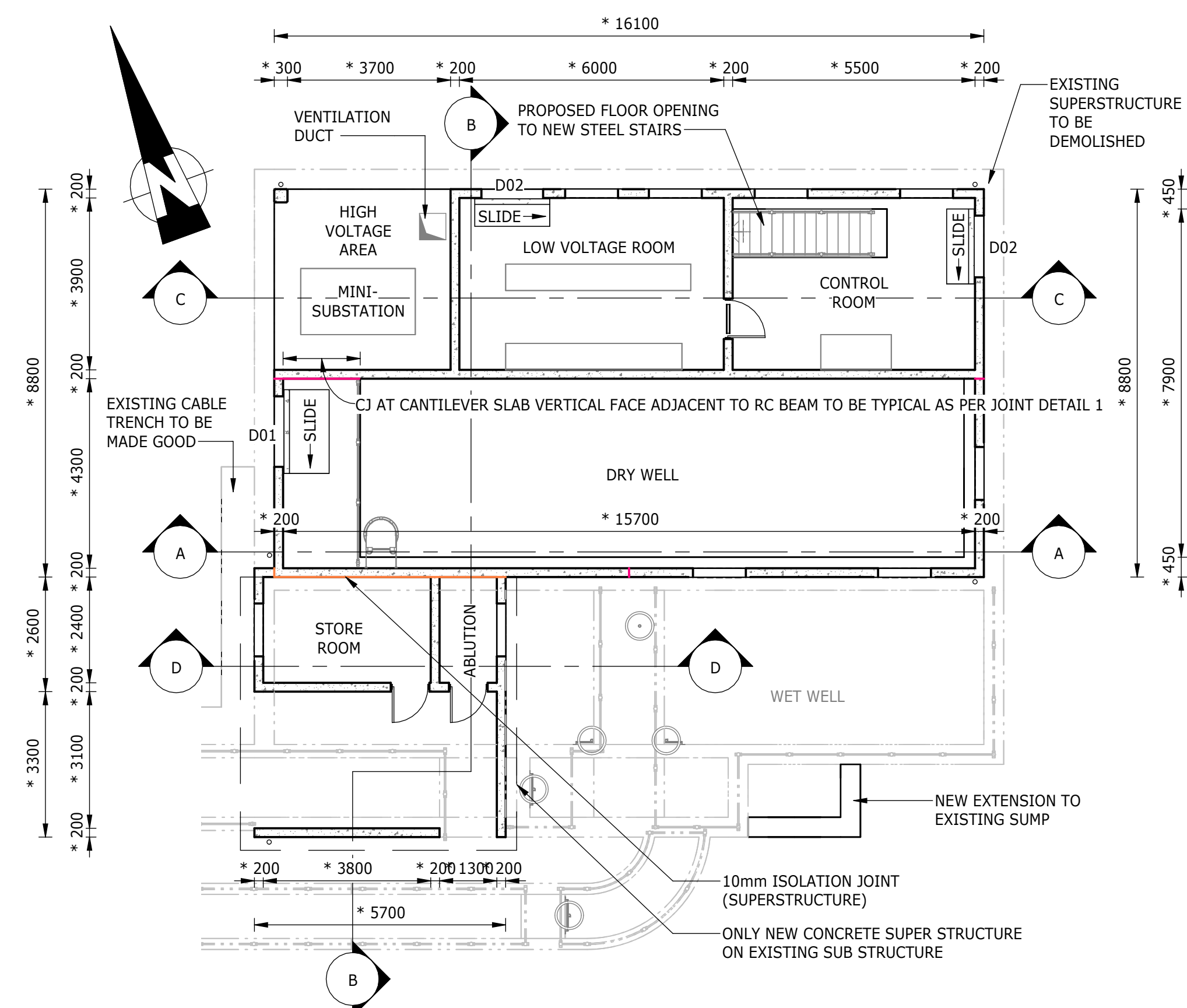
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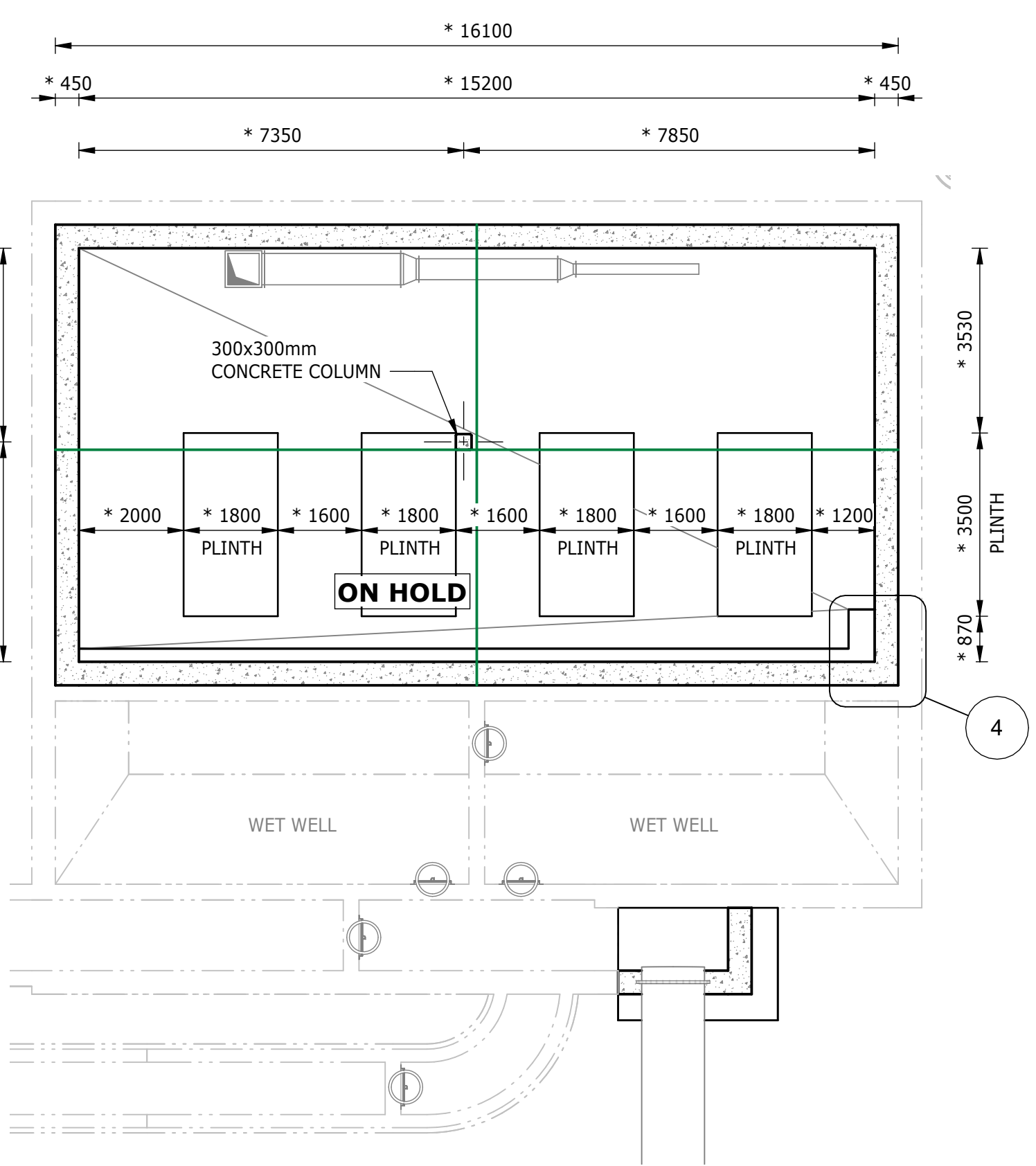
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ELECTRICAL - MEDIUM VOLTAGE RETICULATION CABLE ROUTING
ELECTRICAL - MEDIUM VOLTAGE RETICULATION SINGLE LINE DIAGRAM
CONTROL & INSTRUMENTATION CABLE BLOCK DIAGRAM
MOTOR CONTROL CENTER - SINGLE LINE DIAGRAM
MCC SCHEMATIC DIAGRAM - (SHEET 1 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 2 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 3 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 4 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 5 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 6 OF 11)
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MCC SCHEMATIC DIAGRAM - (SHEET 8 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 9 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 10 OF 11)
MCC SCHEMATIC DIAGRAM - (SHEET 11 OF 11)
TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 1 OF 5)
TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 2 OF 5)
TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 3 OF 5)
TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 4 OF 5)
TYPICAL INSTRUMENT LOOP DIAGRAMS - (SHT 5 OF 5)

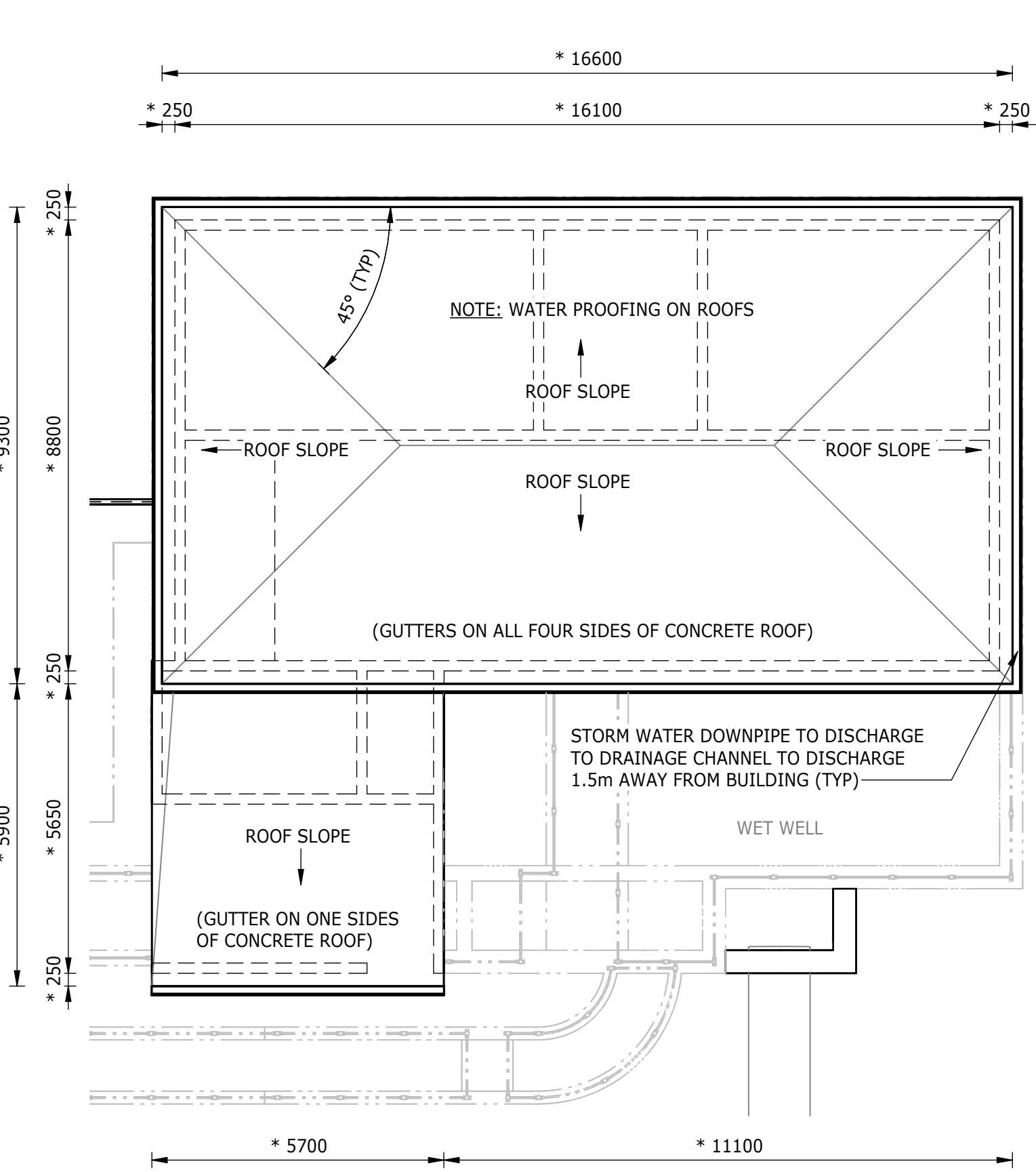
DEPARTMENT		APPROVED		DESIGNATION		DATE																											
CONSULTING ENGINEERS								SURVEYED				JOHANNESBURG WATER (SOC) LTD				CITY OF JOHANNESBURG				DESIGN MANAGER		SCALE		AMENDMENTS		APPROVED		DATE		DRAWING No.			
ATANA Legacy Awaits Building No. 5 Country Club Estate 21 Woodlands Drive Woodmead 2191 PO Box 867 Gallo Manor 2052 Tel No. +27 11 798 6000								DESIGNED		N. O'GORMAN		Johannesburg Water TURBINE HALL 65 NTEMI PILISO STREET NEWTOWN JOHANNESBURG 2001 TEL: (011) 688-1400 FAX: (011) 688-1529				OLIFANTSVLEI WWTW: VAN WYKSRUST PUMP STATION INFRASTRUCTURE RENEWAL PLAN DRAWING LIST				DATE		AS SHOWN		C01 ISSUED FOR TENDER		D. PHOGOLE		FEB 25		JW NUMBER			
								DRAWN		N. O'GORMAN														C02 ISSUED FOR RE-TENDER		D. PHOGOLE		FEB 26		JW14466R-RHD-C1-99-D-Z-9902			
								CHECKED		L. NAICKER														CONSULTANT'S NUMBER									
								SERVICES CHECKED																BW1400-RHD-C1-99-D-Z-9902									
								GEOTECHNICAL INVESTIGATION																FILE No									
								SERVITUDES																									
								APPROVED		DITHOLO PHOGOLE														C02									
Pr. Eng.No.		20060098																															
DATE																																	



PLAN VIEW - SUPERSTRUCTURE FLOOR - LEVEL 1545.750
1 : 100



PLAN VIEW - BELOW WALKWAY - LEVEL 1541.000
1 : 100



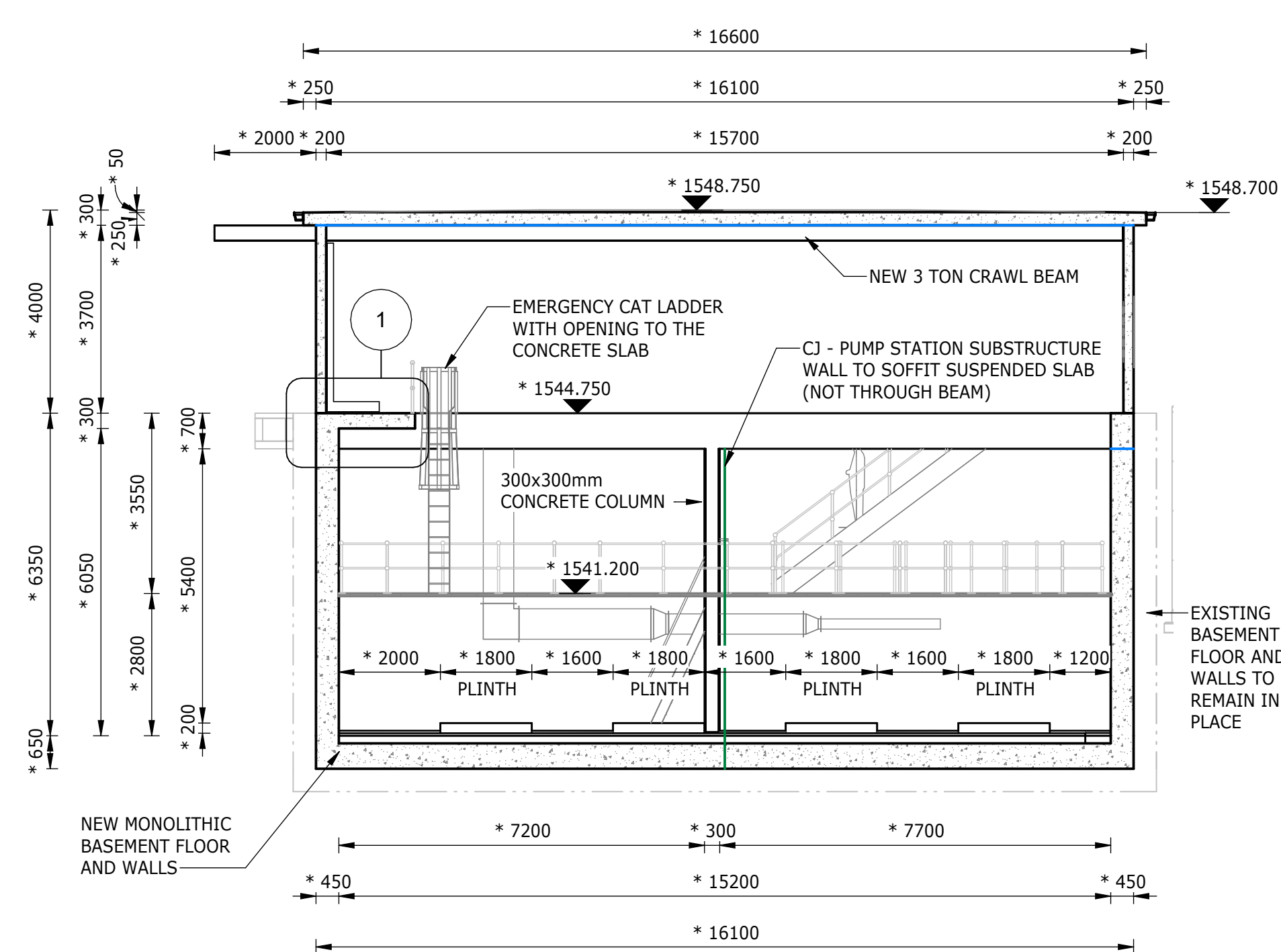
PLAN VIEW - ROOF - LEVEL 1548.750
1 : 100

- NOTES:**
- ALL DIMENSIONS AND LEVELS CONTAINING * ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
 - BOTTOM OF BASE FOUNDATION TO BE INSPECTED FOR GROUND CONDITION BEFORE CONCRETE IS POURED.
 - EXISTING GROUND LEVELS TO BE RESTORED AFTER EXCAVATION AND BACKFILL.
 - EXCAVATION METHOD AND EXTENT TO ENSURE THAT THERE IS NO DAMAGE TO EXISTING INFRASTRUCTURE. AN EXCAVATION AND COMPACTION METHOD STATEMENT IS TO BE PROVIDED, FOR APPROVAL BY THE ENGINEER, PRIOR TO EXCAVATION.
 - SETTING-OUT POINTS ARE A GUIDE; FINAL EXCAVATION TO BE CONFIRMED ON SITE BY CONTRACTOR.
 - MECHANICAL EQUIPMENT INDICATED ON THIS DRAWING ARE SCHEMATIC.
 - CONCRETE EDGES TO HAVE A 25x25mm CHAMFER.
 - REFER TO DWG BW1400-RHD-C1-02-D-C-1001 FOR THE DOOR INFORMATION.
 - CONSTRUCTION TO BE IN ACCORDANCE WITH ALL RELEVANT CLAUSES AS PER SANS 1936 FOR DEVELOPMENT ON D3 DESIGNATED SITES.
 - GUTTERS, DOWNPIPES, ROOF SCREED, WATER-PROOFING, ETC. REQUIREMENTS, TBC ONCE SURVEYS AND ASSESSMENT OF CURRENT CONDITION HAS BEEN RECEIVED FROM THE CONTRACTOR.
 - "ON HOLD" ITEMS ARE SUBJECT TO FINAL DETAIL DESIGN BASED ON EQUIPMENT REQUIREMENTS TO BE PROVIDED BY THE CONTRACTOR.

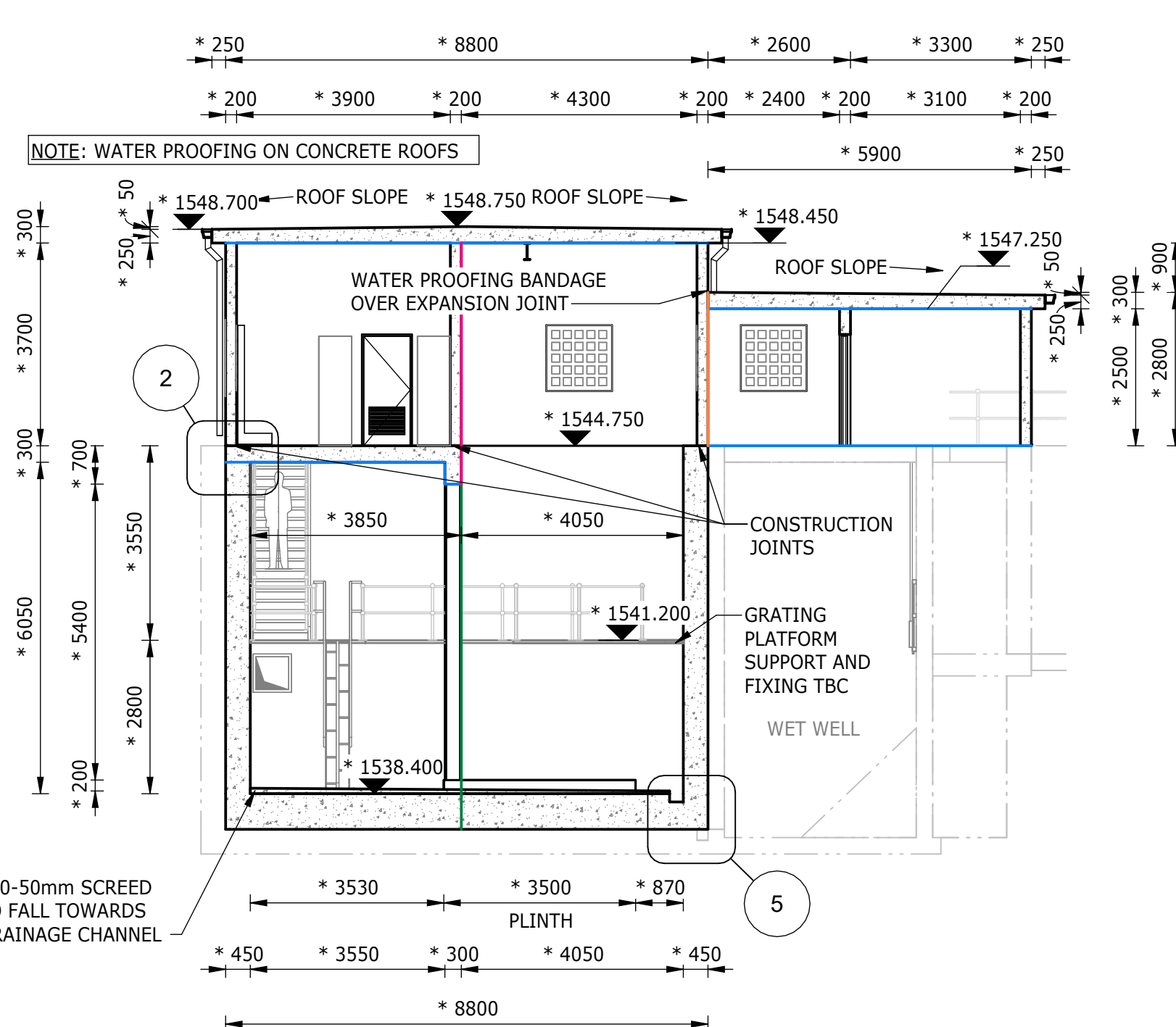
DOOR LEGEND			
No	OPENING WIDTH	OPENING HEIGHT	QTY
D01	*1600	*3500	1
D02	*1400	*2100	2

LEGEND:	
—	= CJ - CONTRACTION JOINT NEW RC SUBSTRUCTURE
—	= CJ1 - CONTRACTION JOINT NEW RC SUPERSTRUCTURE
—	= SJ - SLIP JOINT
—	= IJ - ISOLATION JOINT

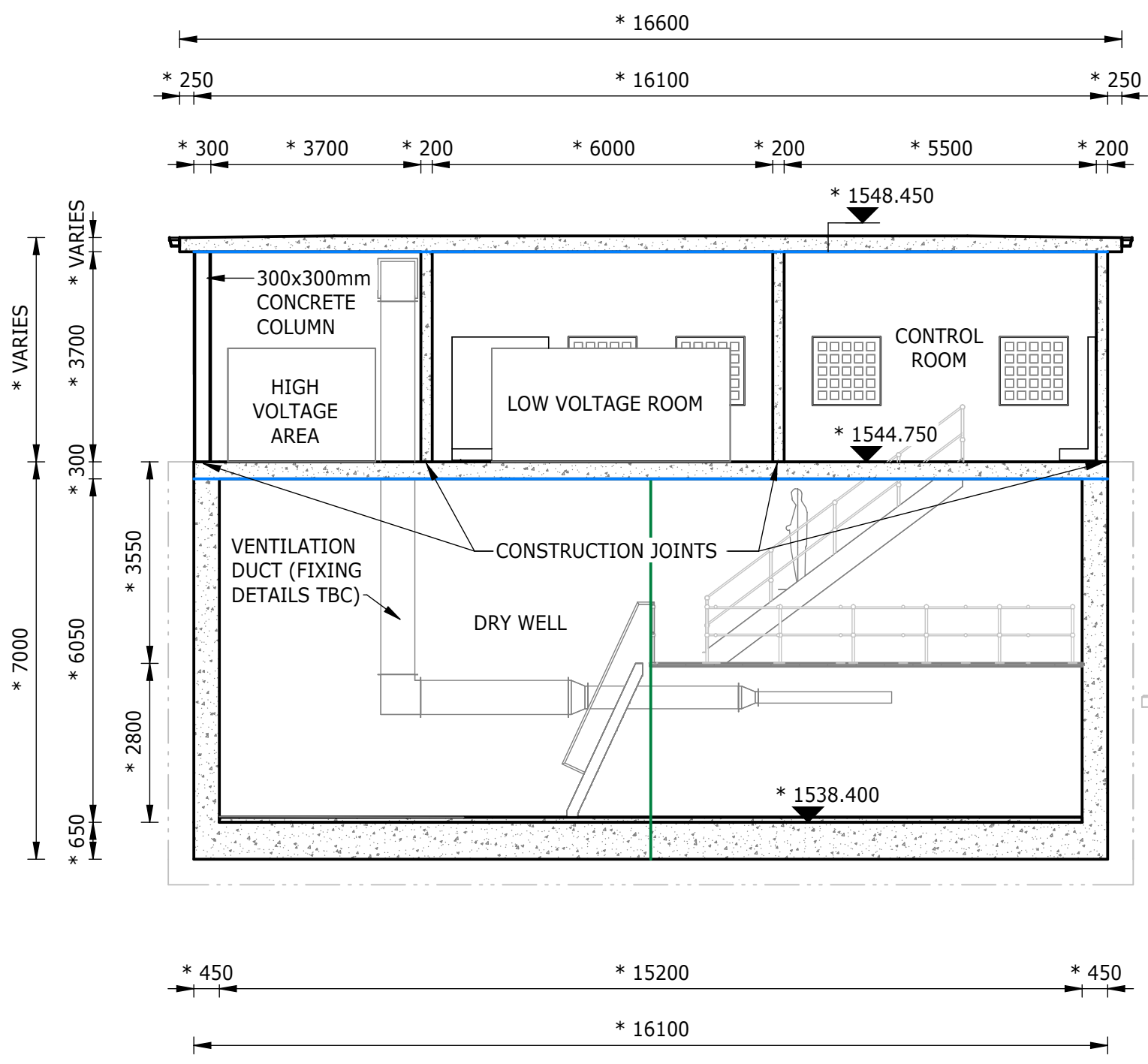
PIPEWORK NOT SHOWN FOR CLARITY, SEE DRAWING BW1400-RHD-C1-02-D-M-0241 FOR PIPEWORK GENERAL LAYOUT AND SECTIONS



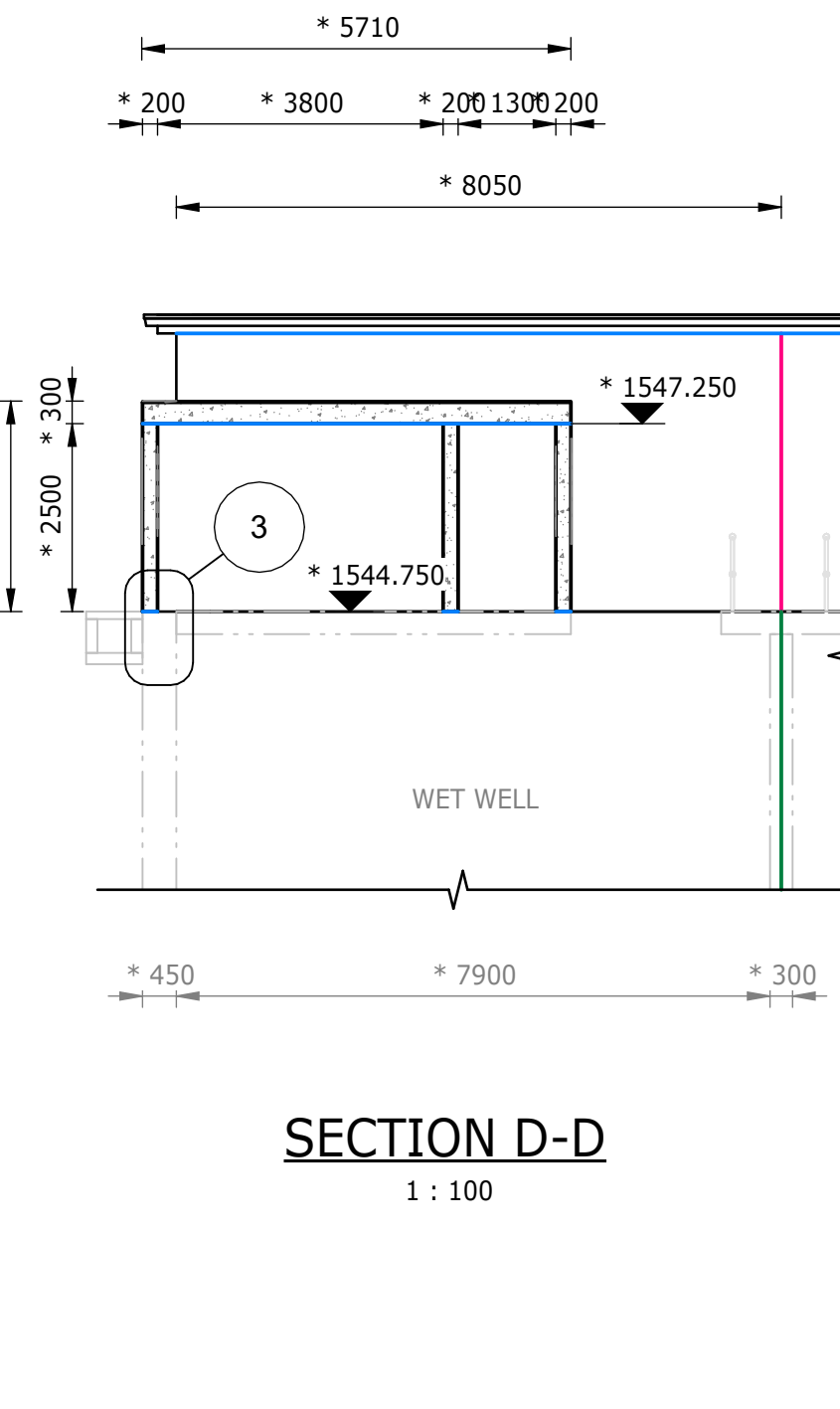
SECTION A-A
1 : 100



SECTION B-B
1 : 100

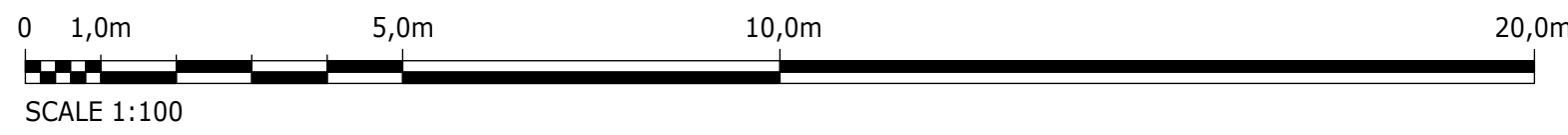


SECTION C-C
1 : 100

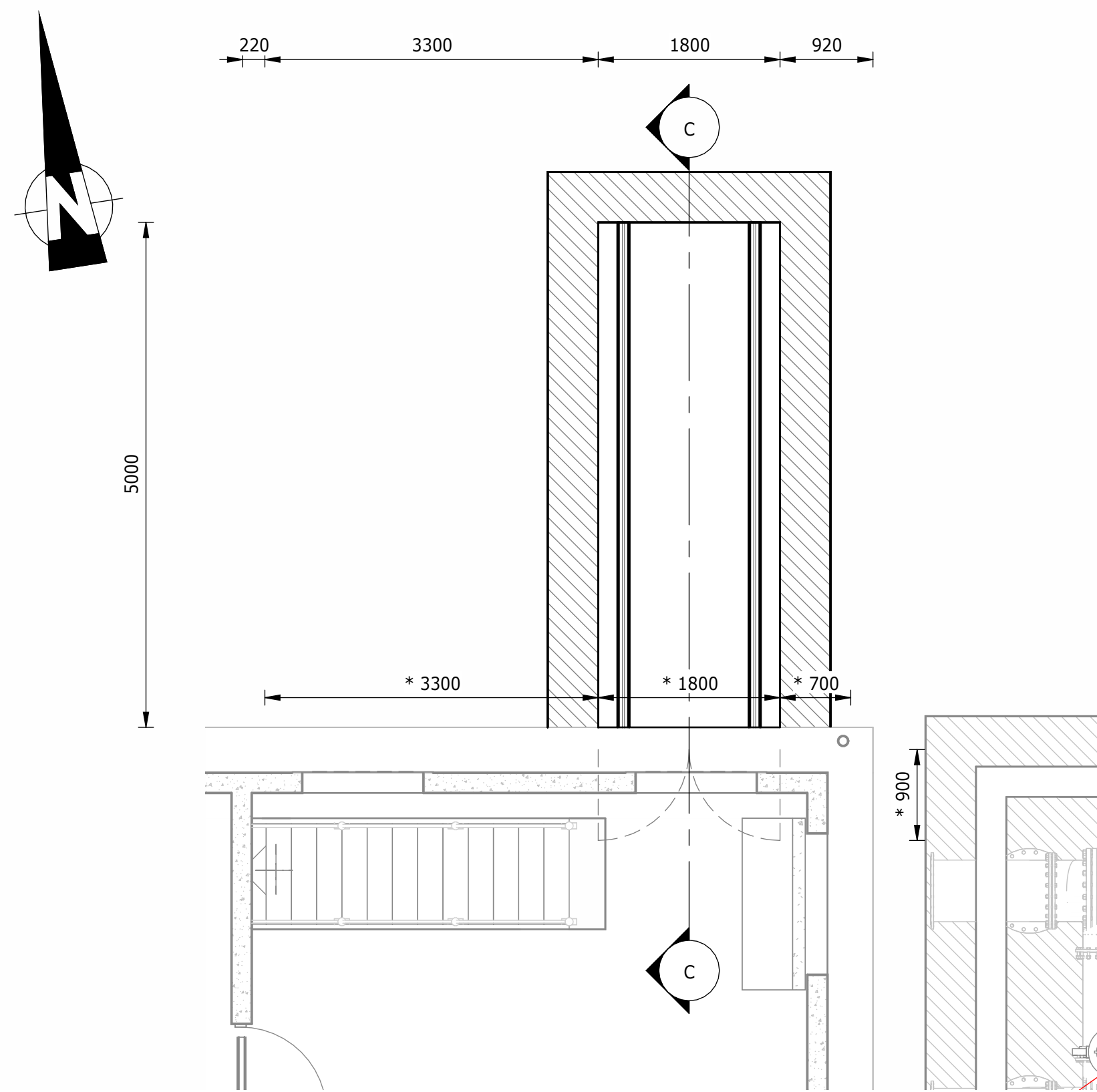


SECTION D-D
1 : 100

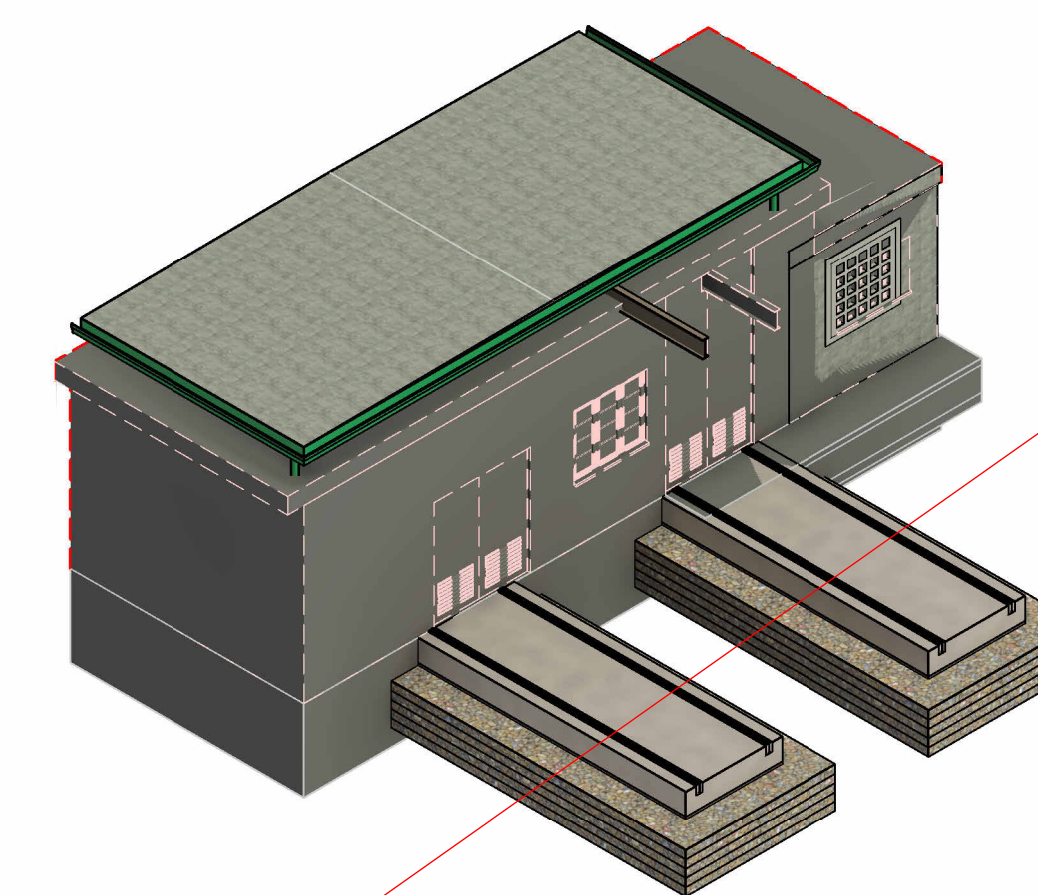
DEPARTMENT	APPROVED	DESIGNATION	DATE



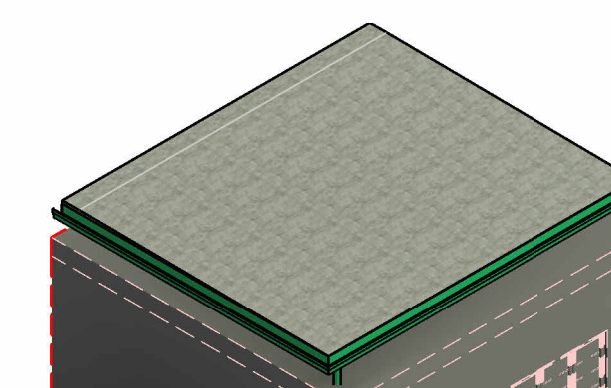
CONSULTING ENGINEERS		JOHANNESBURG WATER (SOC) LTD		CITY OF JOHANNESBURG		DESIGN MANAGER	SCALE	AMENDMENTS		APPROVED	DATE	DRAWING No.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
	Building No. 5 Country Club Estate 21 Woodlands Drive Woodmead 2191 PO Box 867 Gallo Manor 2052 Tel No. +27 11 798 6000	SURVEYED			TURBINE HALL 65 NTEMI PILISO STREET NEWTOWN JOHANNESBURG 2001 TEL: (011) 688-1400 FAX: (011) 688-1529			OLIFANTSVLEI WWTW: VAN WYKSURST PUMP STATION INFRASTRUCTURE RENEWAL PLAN VAN WYKSURST PUMP STATION NEW SUBSTRUCTURE AND SUPERSTRUCTURE GENERAL ARRANGEMENT AND SECTIONS	AS SHOWN			C01	ISSUED FOR RE-TENDER	D. PHOGOLE	FEB 26	JW NUMBER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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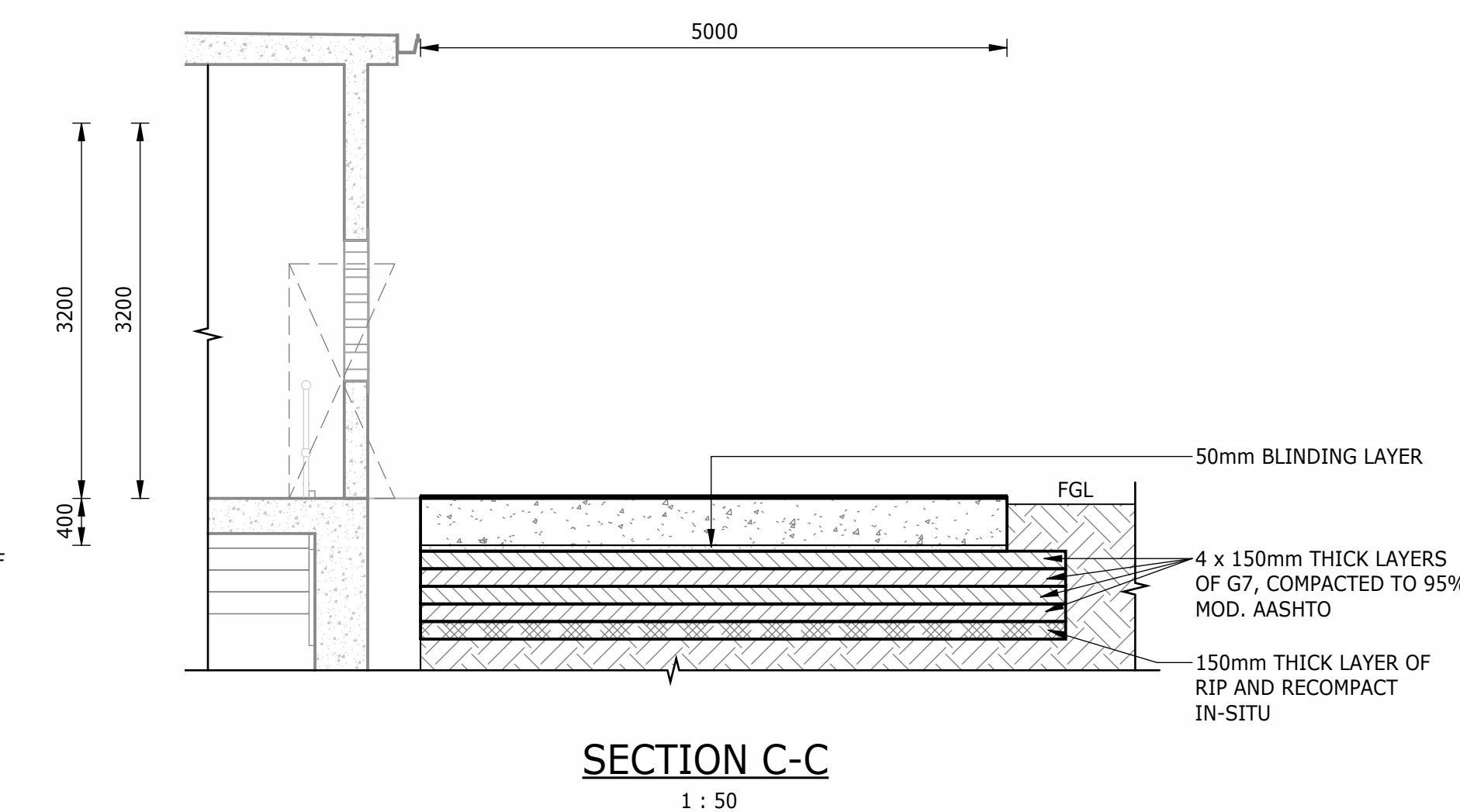
1. DETAILS TO FINALISED IN CONSULTATION WITH THE MANUFACTURER BASED ON INPUT TO BE VERIFIED ON SITE (EXISTING BUILDING OPENINGS, CLEARANCE, ETC.).
2. ALL DIMENSIONS AND LEVELS CONTAINING * ARE TO BE CONFIRMED ON SITE PRIOR TO COMMENCEMENT OF WORK. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER IMMEDIATELY.
3. CONSTRUCTION TO BE IN ACCORDANCE WITH ALL RELEVANT CLAUSES AS PER SANS 1936 FOR DEVELOPMENT ON D3 DESIGNATED SITES.



PUMP STATION GALLERY AND MCC ROOM AREA- TYPICAL ISOMETRIC VIEW



DRAWING OMITTED



DEPARTMENT	APPROVED	DESIGNATION	DATE



**Building No. 5 Country
Club Estate
21 Woodlands Drive
Woodmead
2191
PO Box 867
Gallo Manor
2052
Tel No. +27 11 798 6000**

SURVEYED		
DESIGNED		A. MUJINGA
DRAWN		N. O'GORMAN
CHECKED		L. NAICKER
SERVICES CHECKED		
GEOTECHNICAL INVESTIGATION		
SERVITUDES		
APPROVED	DITHOLO PHOGOLE	
Pr. Eng.No.	20060098	
DATE		

JOHANNESBURG WATER (SOC) LTD

**TURBINE HALL
65 NTEMI PILISO STREET
NEWTOWN
JOHANNESBURG 2001**

TEL: (011) 688-1400
FAX: (011) 688-1529

CITY OF JOHANNESBURG

OLIFANTSVLEI WWTW: VAN WYKSRUST PUMP STATION
INFRASTRUCTURE RENEWAL PLAN
VAN WYKSRUST PUMP STATION
CONCRETE DOOR AND SLAB
GENERAL LAYOUT, SECTIONS AND DETAILS

**DESIGN
MANAGER**

DATE _____

SCALE

AS
SHOWN

AMENDMENTS

APPROVED

D. PHOGOLE

	D. PHOGOLE
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DATE	DRAWING No.
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		JW NUMBER
FEB 25		
FEB 26		JW14466R-BHD-C1-10-D-C-1001

FEB 20	BW1400-RHD-C1-10-D-C-1001
	CONSULTANT'S NUMBER
	BW1400-RHD-C1-10-D-C-1001

	FILE No

	C02							
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