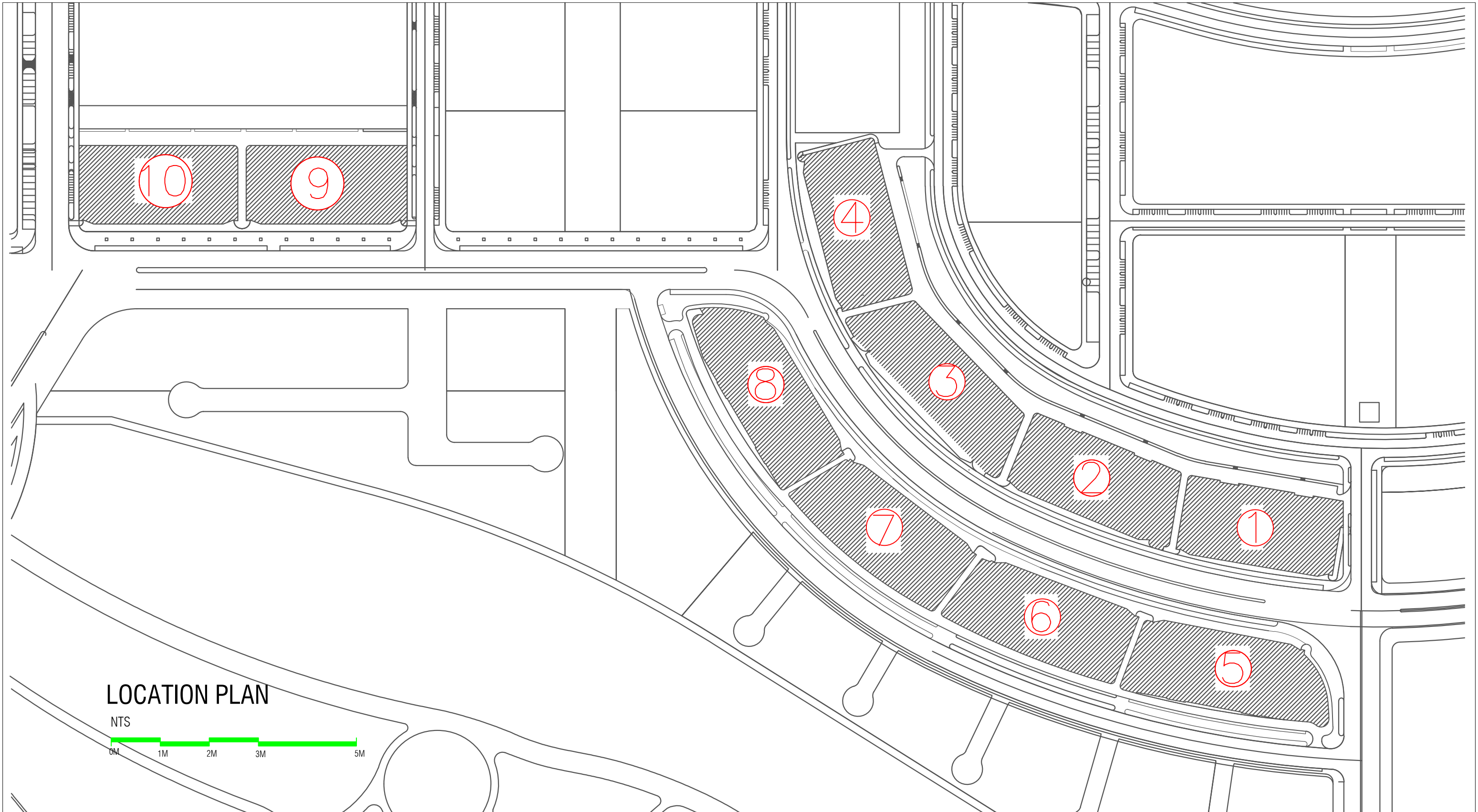


# COMMERCIAL PLUMBING/SEWER PROVISION

VINARES COMMERCIAL  
ARCHITECTURAL / SERVICES DRAWING  
03 MARCH 2024





### LOCATION PLAN

NTS



PLANNING AND DEVELOPMENT DEPARTMENT  
 THIRD FLOOR, HDC BUILDING HULHUMALE  
 REPUBLIC OF MALDIVES  
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### VINARES COMMERCIAL SEWER PROVISION HULHUMALE

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<b>AUTHOR</b>	MOHAMED NAIL	<b>CREATED DATE</b>	16/07/2023
<b>LAST UPDATED BY</b>	MOHAMED NAIL	<b>LAST UPDATED DATE</b>	03/04/2024
<b>REVIEWED BY</b>	GEORGE	<b>REVIEWED DATE</b>	03/04/2024
<b>APPROVED BY</b>	MOHAMED YAMIN	<b>APPROVED DATE</b>	16/07/2023
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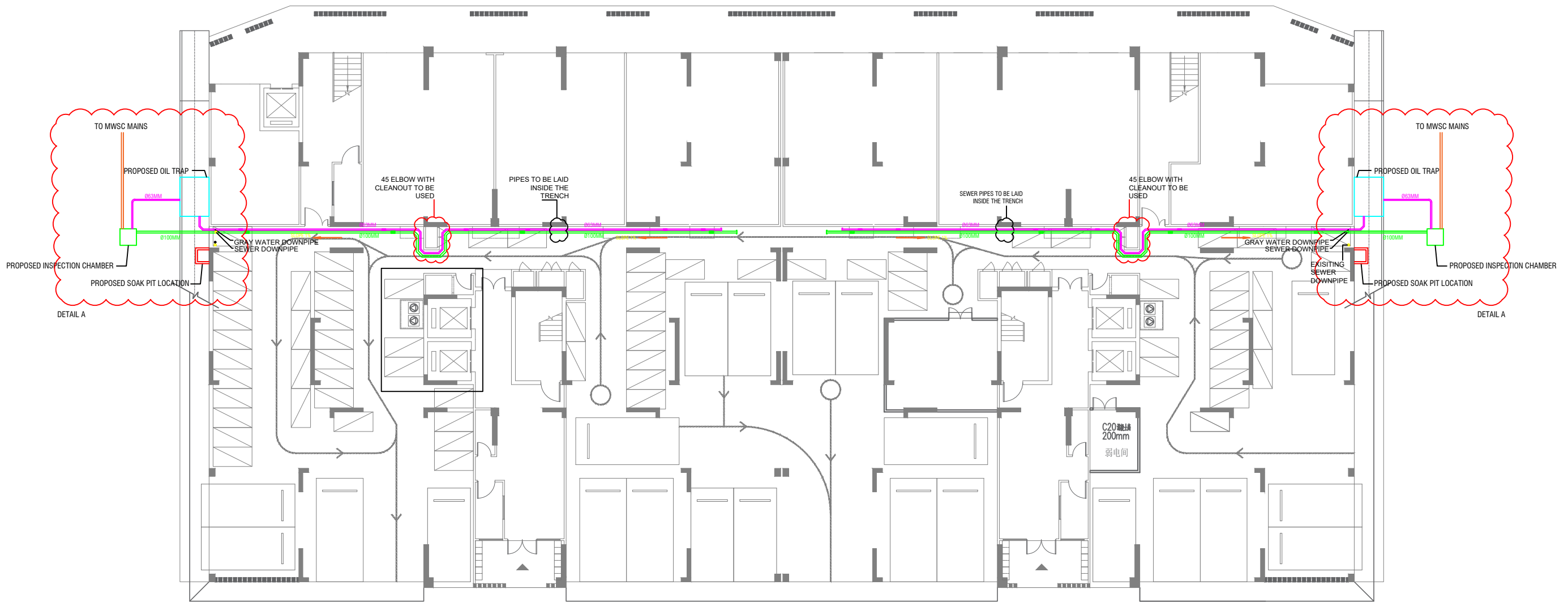
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<b>ARCHITECT</b>	NAIL
<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

SHEET NO.

A01



**GROUND FLOOR SEWER PROVISION V1 - PIPES ON TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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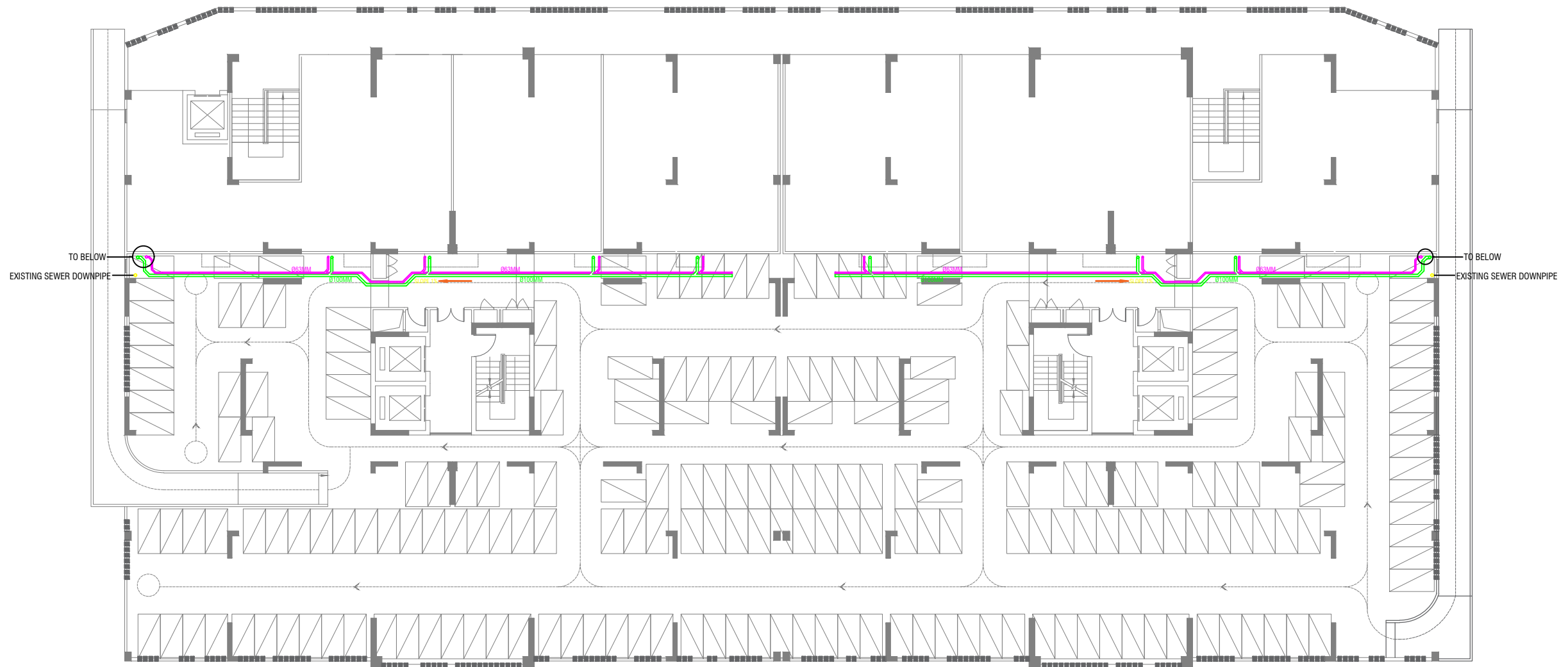
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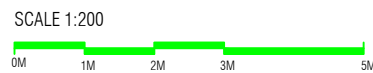
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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**  
**A02**



**GROUND FLOOR SEWER PROVISION V1 - PIPE RUNS BELOW THE FF SLAB**



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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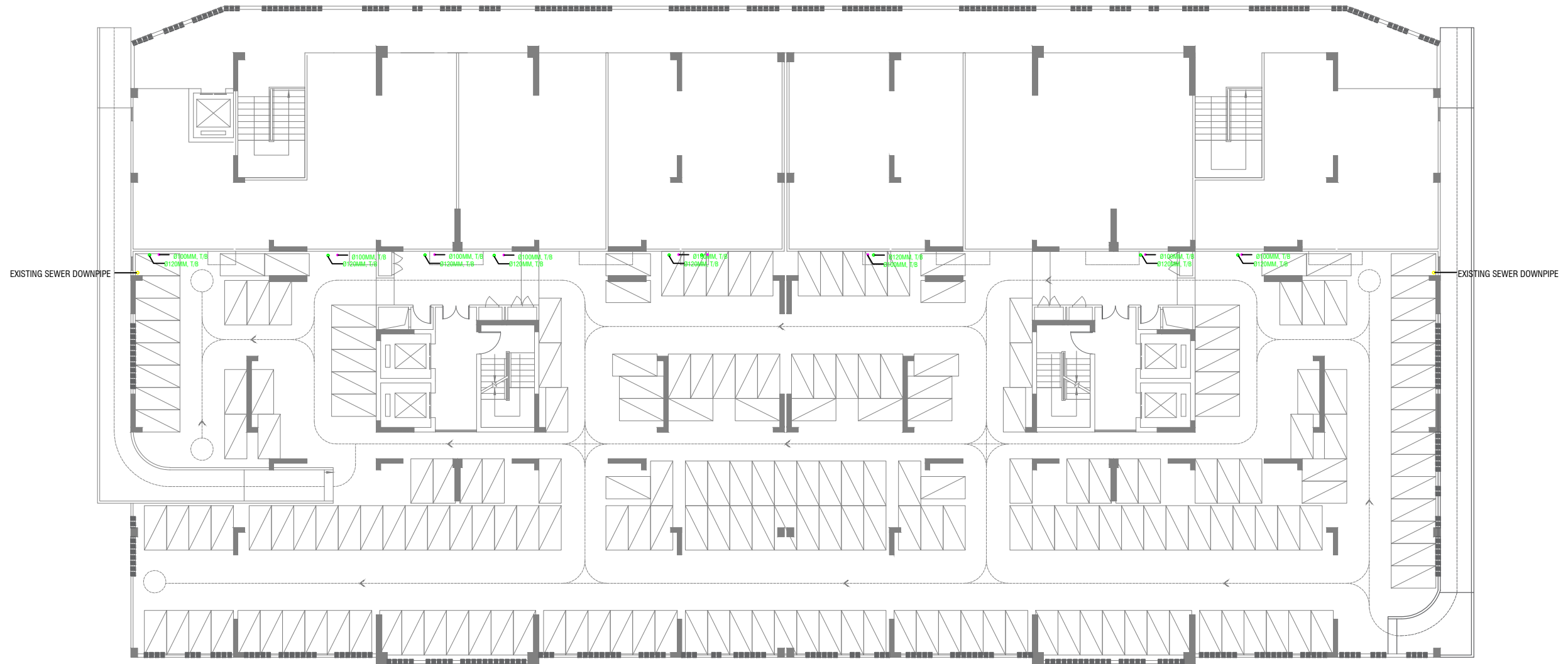
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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
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**SHEET NO.**  
  
**A03**



**FIRST FLOOR SEWER PROVISION V1 - CORE CUT**

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>SCALE</b>	AS GIVEN

SHEET CONTENT
---

SHEET NO.  
**A04**



**GROUND FLOOR SEWER PROVISION V2 - PIPES IN TRENCH**

SCALE 1:200



- NOTE:**
- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
  - PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
  - ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
  - ALL PIPES SHOULD BE UPVC
  - CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
  - 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
  - TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
  - TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
  - OIL TRAP TO BE PLACED UNDER THE RAMP
  - EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

- LEGEND:**
- PROPOSED SEWER PIPE
  - PROPOSED GREY PIPE
  - PROPOSED INSPECTION CHAMBER
  - PROPOSED OIL-TRAP
  - PVC REDUCER TEE 150mm \* 100mm (TAPPING POINT)
  - PVC REDUCER TEE 65mm \* 50mm (TAPPING POINT)
  - PROPOSED NEW SOAK PIT 600\*600mm



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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A05**



**GROUND FLOOR SEWER PROVISION V2 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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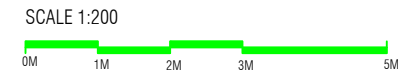
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<b>STRUCTURAL ENG.</b>	YAMIN
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<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A06**



**FIRST FLOOR SEWER PROVISION V2 - CORE CUT**



**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm

**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.



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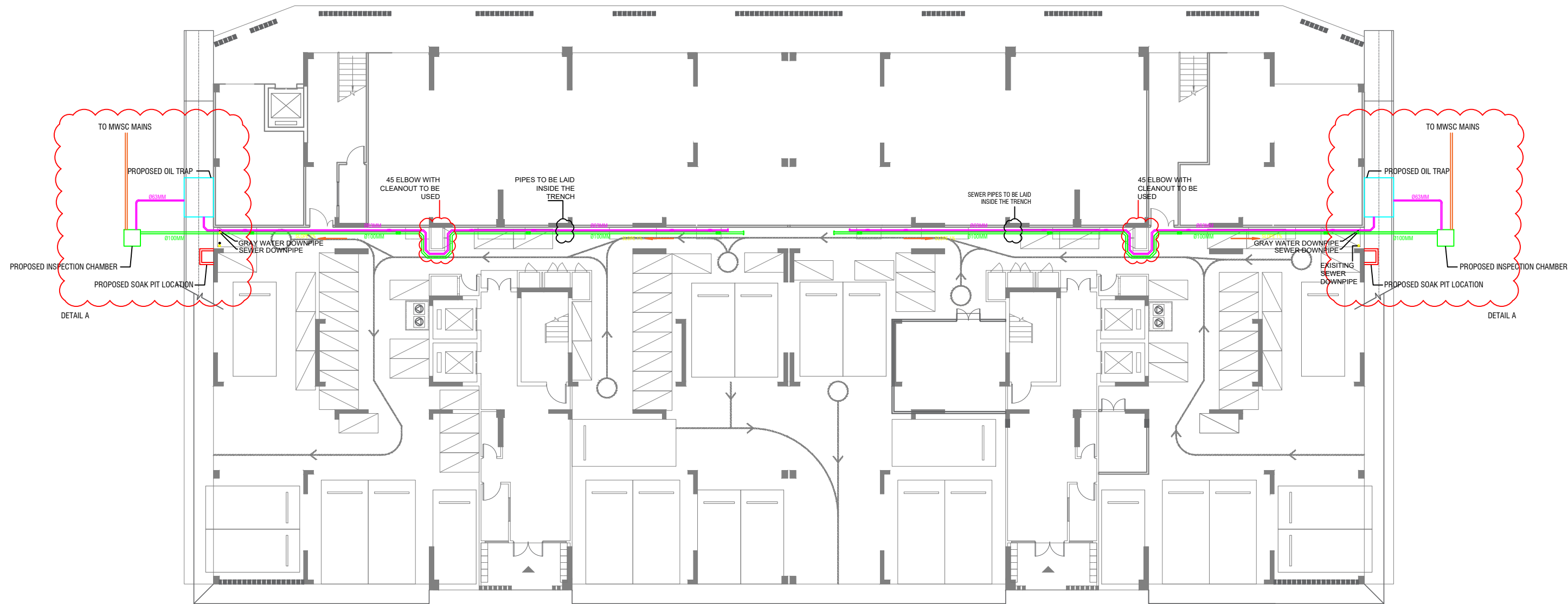
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<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A07**





**GROUND FLOOR SEWER PROVISION V3 - PIPES IN TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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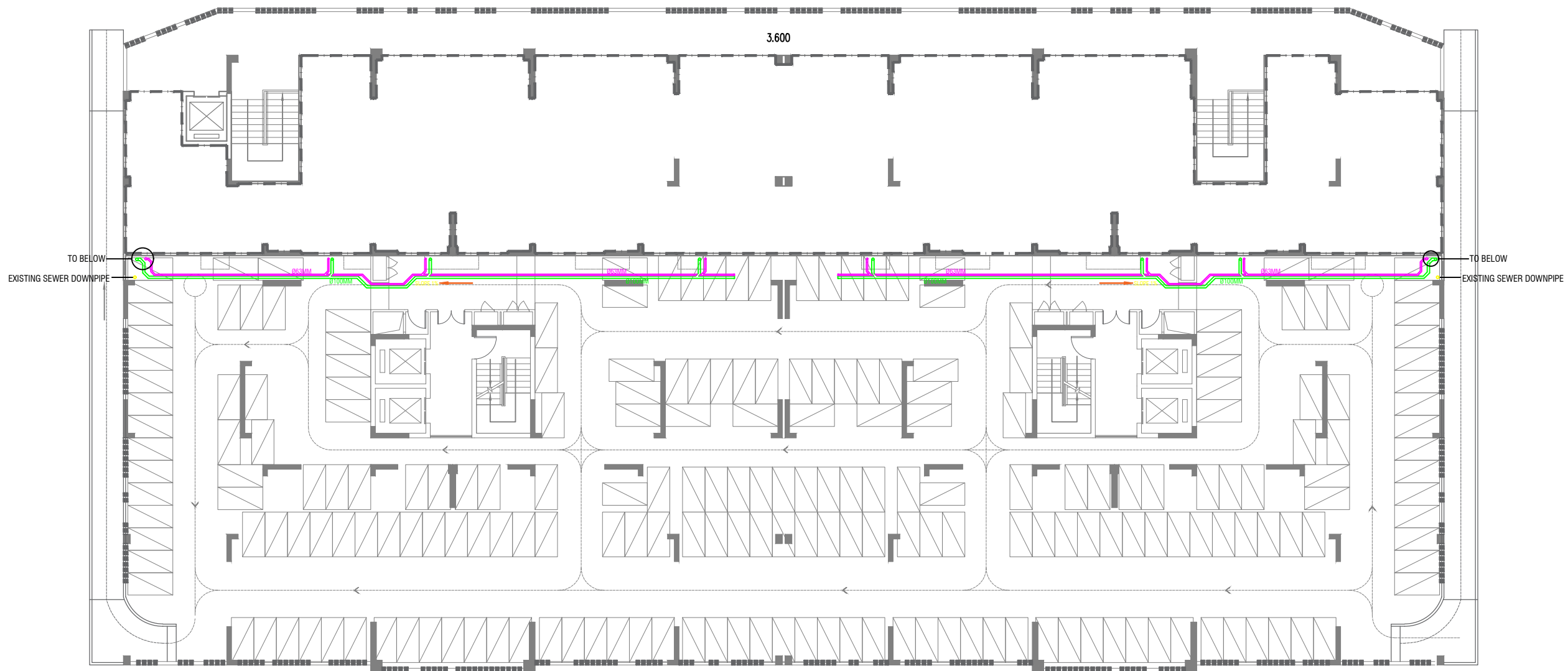
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<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A08**



### GROUND FLOOR SEWER PROVISION V3 - PIPE RUNS BELOW THE FF SLAB

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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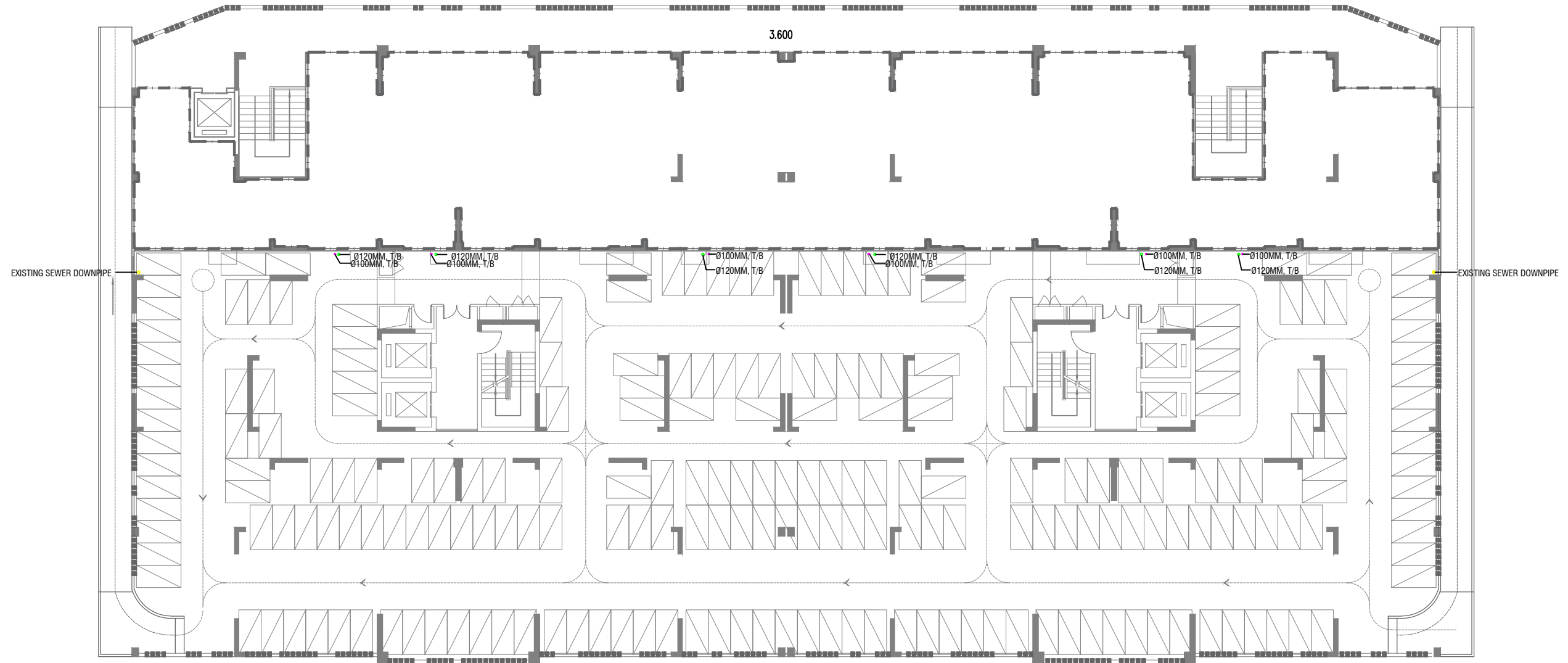
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<b>REVIEWED BY</b>	GEORGE	<b>REVIEWED DATE</b>	03/04/2024
<b>APPROVED BY</b>	MOHAMED YAMIN	<b>APPROVED DATE</b>	16/07/2023
<b>INFORMATION CLASSIFICATION SCHEME</b>	(Public, Open, Confidential, Confidential & Sensitive and Secret)		

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<b>ARCHITECT</b>	NAIL
<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

SHEET NO.  
**A09**



**FIRST FLOOR SEWER PROVISION V3 - CORE CUT**

SCALE 1:200



**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm

**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.



**VINARES COMMERCIAL SEWER PROVISION HULHUMALE'**

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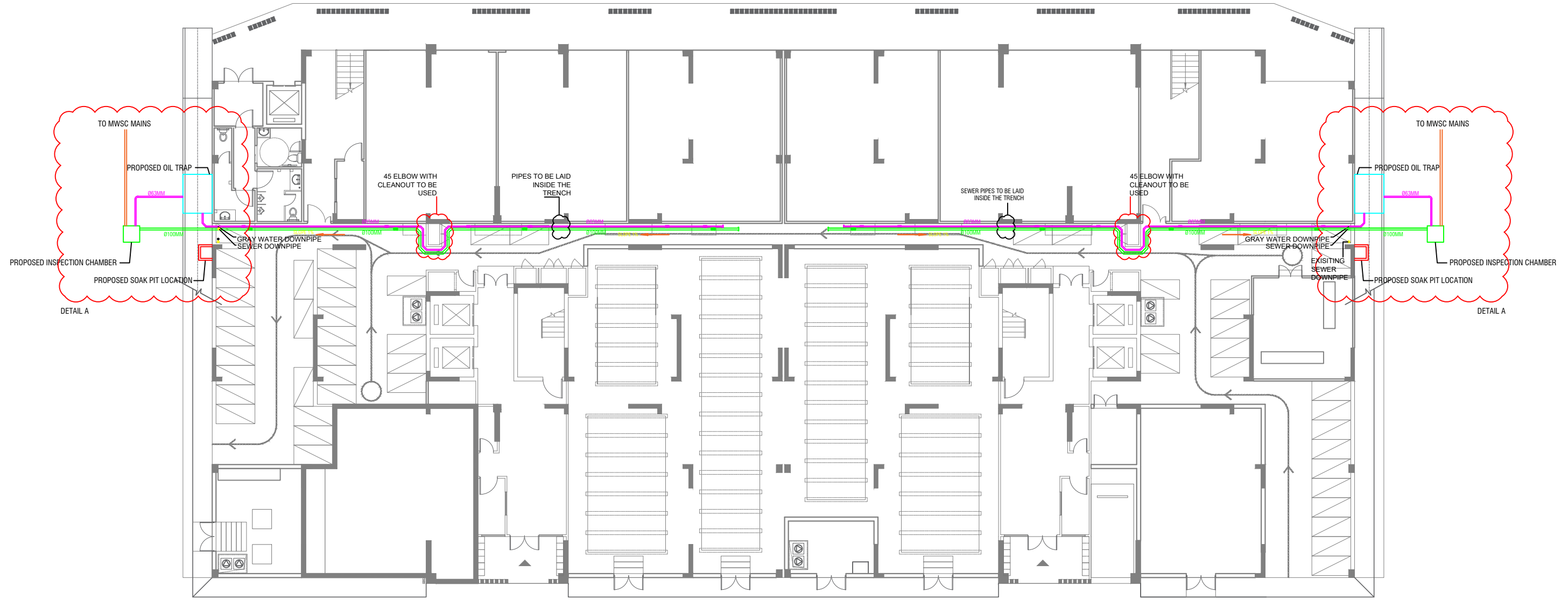
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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A10**



### GROUND FLOOR SEWER PROVISION V4 - PIPES IN TRENCH

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>STRUCTURAL ENG.</b>	YAMIN
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<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**  
  
**A11**



**GROUND FLOOR SEWER PROVISION V4 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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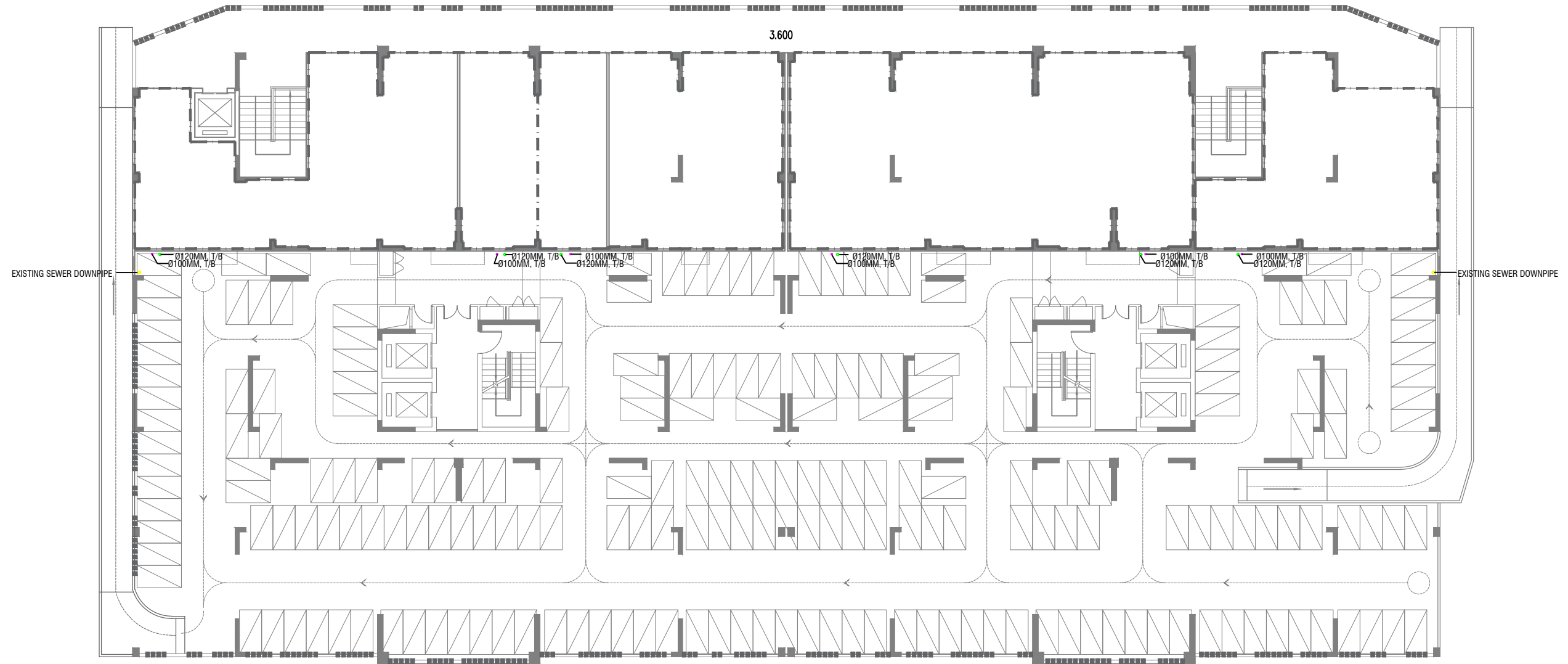
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<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
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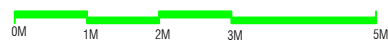
SHEET NO.

**A12**



### FIRST FLOOR SEWER PROVISION V4 - CORE CUT

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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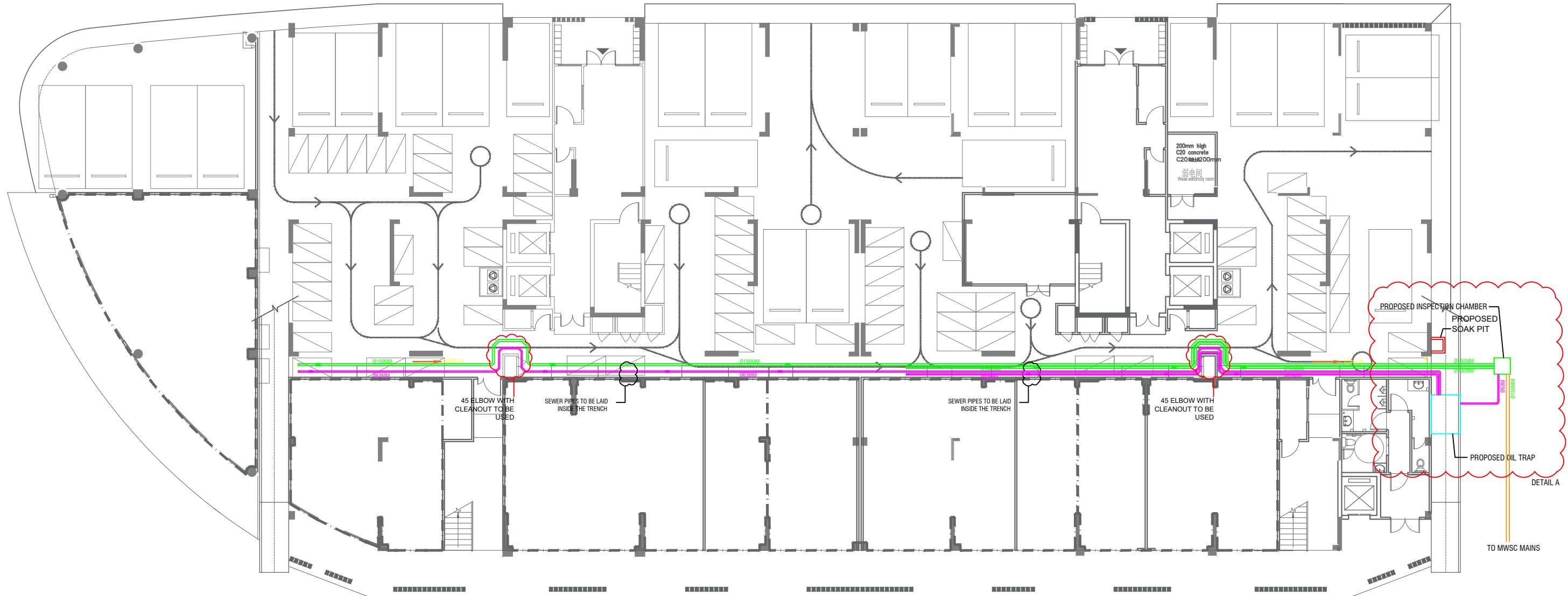
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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

SHEET NO.  
**A13**



**GROUND FLOOR SEWER PROVISION V5 - PIPES IN TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**  
**A14**



**GROUND FLOOR SEWER PROVISION V5 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A15**





**FIRST FLOOR SEWER PROVISION V5 - CORE CUT**

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

SHEET NO.  
**A16**



**GROUND FLOOR SEWER PROVISION V6 - PIPES IN TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**

**A17**



**GROUND FLOOR SEWER PROVISION V6 - PIPE RUNS BELOW THE FF SLAB**



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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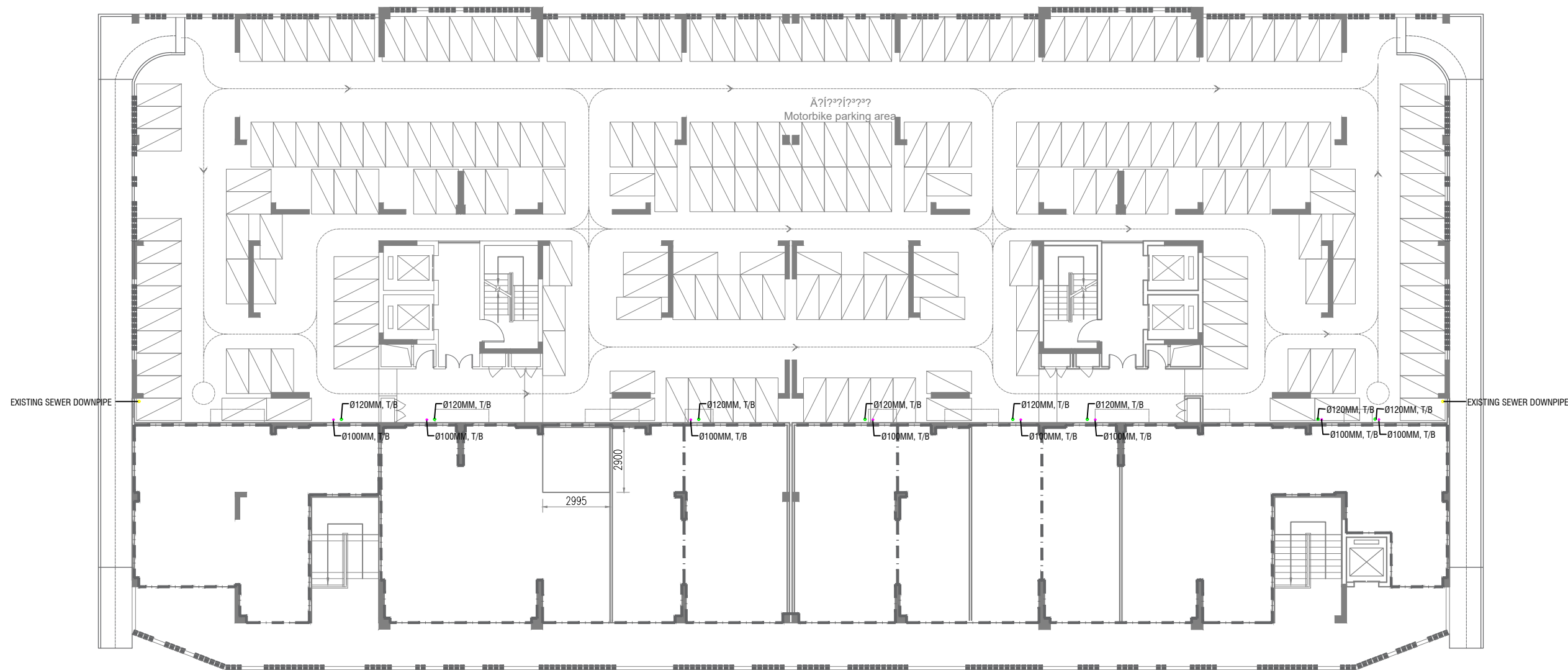
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<b>AUTHOR</b>	MOHAMED NAIL	<b>CREATED DATE</b>	16/07/2023
<b>LAST UPDATED BY</b>	MOHAMED NAIL	<b>LAST UPDATED DATE</b>	03/04/2024
<b>REVIEWED BY</b>	GEORGE	<b>REVIEWED DATE</b>	03/04/2024
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<b>ARCHITECT</b>	NAIL
<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT	
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**SHEET NO.**  
**A18**



**FIRST FLOOR SEWER PROVISION V6 - CORE CUT**

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



**VINARES COMMERCIAL SEWER PROVISION HULHUMALE'**

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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

**SHEET NO.**  
**A19**



**GROUND FLOOR SEWER PROVISION V7 - PIPES IN TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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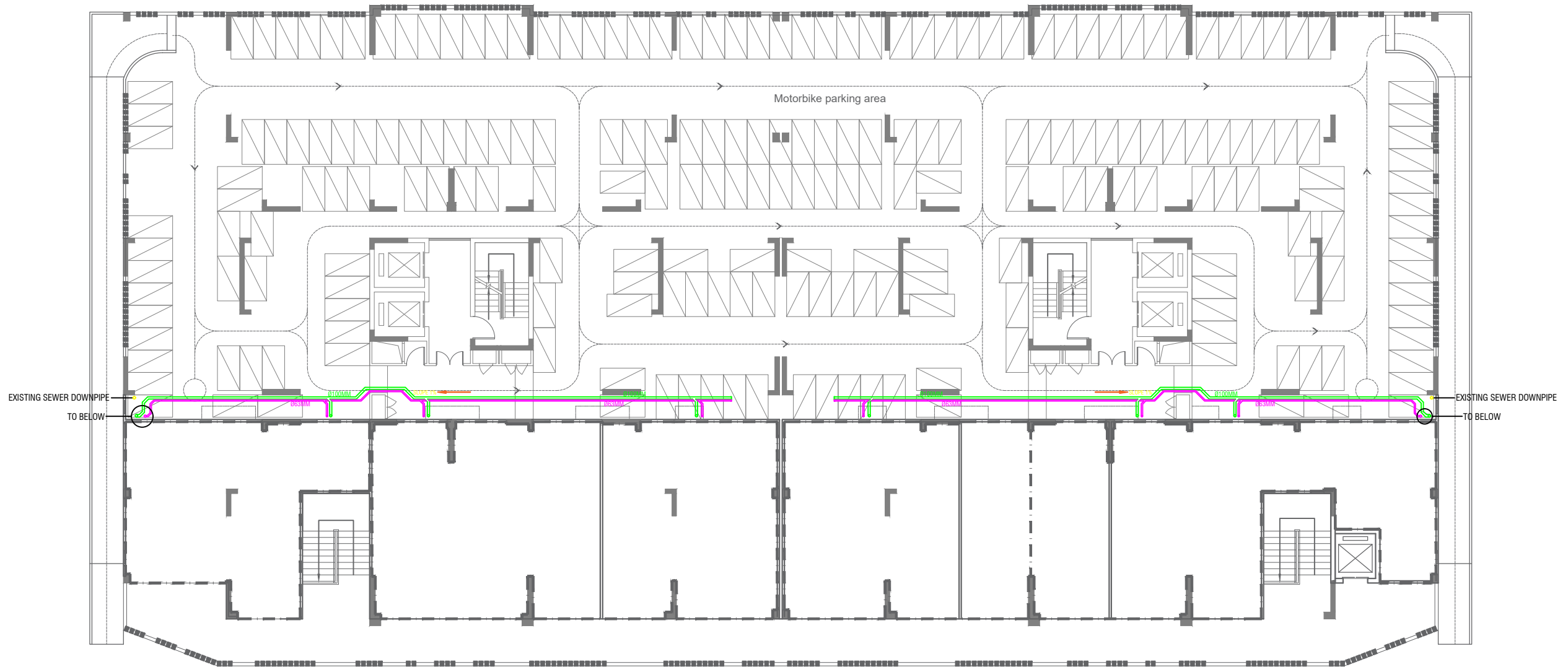
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<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**  
**A20**



**GROUND FLOOR SEWER PROVISION V7 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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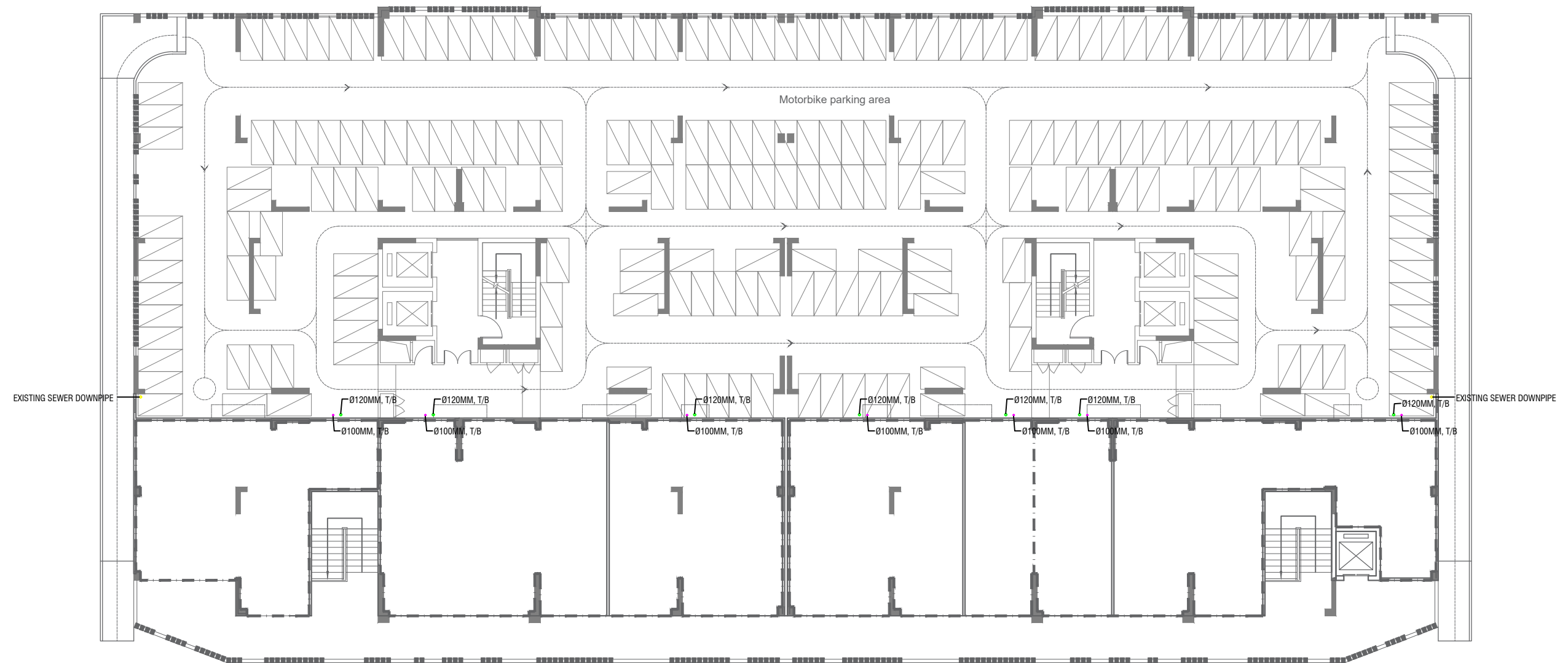
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<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

SHEET NO.

**A21**



**FIRST FLOOR SEWER PROVISION V7 - CORE CUT**

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

SHEET NO.

**A22**



**GROUND FLOOR SEWER PROVISION V8 - PIPES IN TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**  
**A23**





**GROUND FLOOR SEWER PROVISION V8 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**  
 - THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS  
 - MAINTAIN SLOPE OF 1% AS INDICATED  
 - 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS  
 - ALL PIPES SHOULD BE UPVC

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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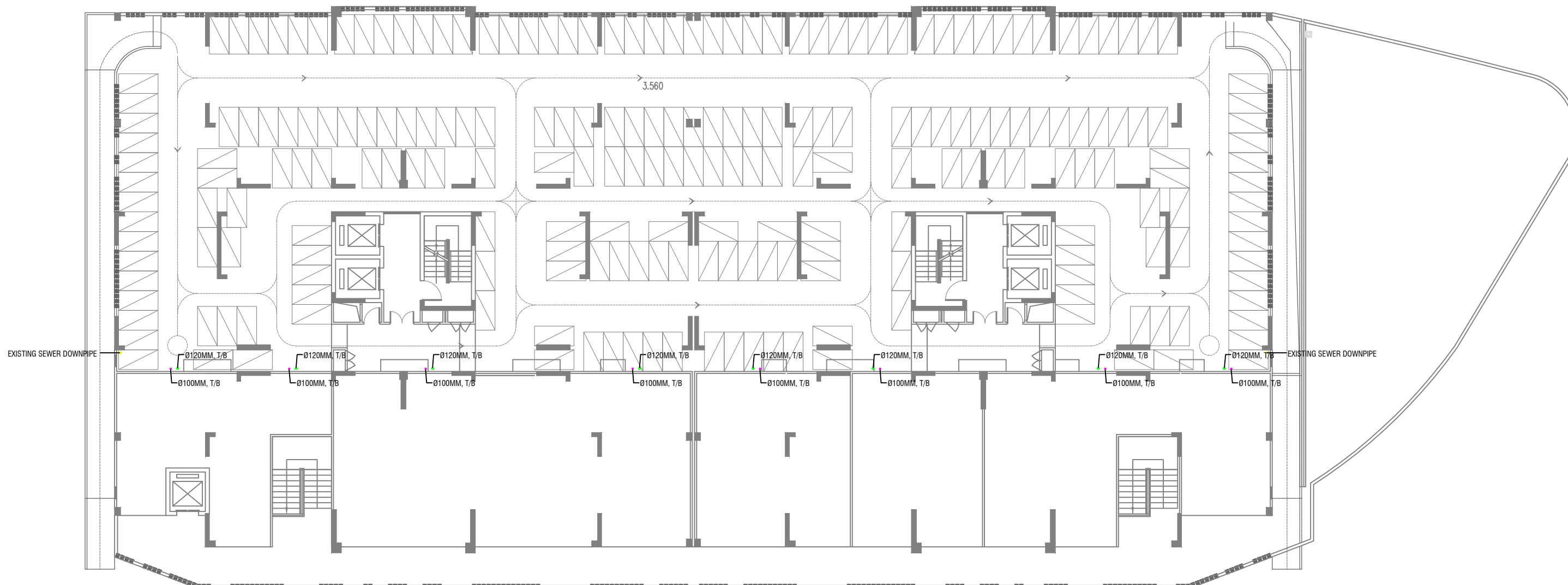
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SHEET CONTENT
---

SHEET NO.  
**A24**



### FIRST FLOOR SEWER PROVISION V8 - CORE CUTS

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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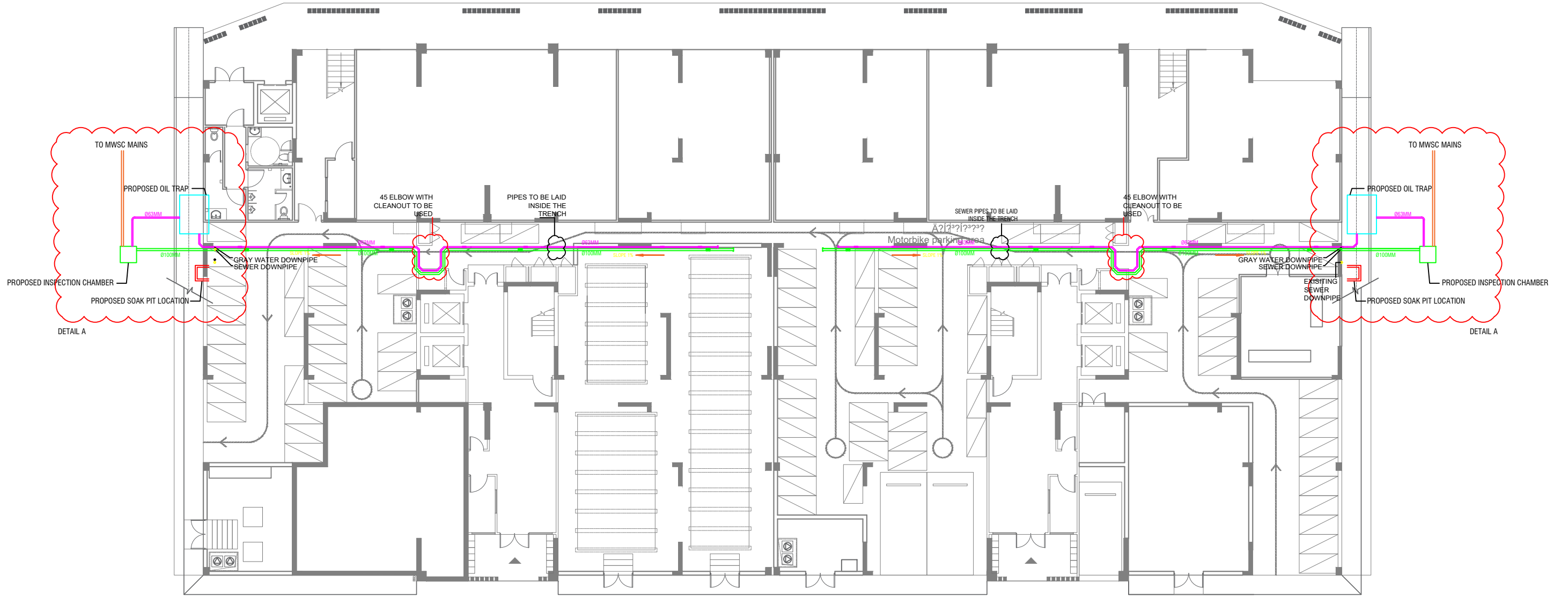
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<b>SCALE</b>	AS GIVEN

SHEET CONTENT
----

SHEET NO.  
**A25**



**GROUND FLOOR SEWER PROVISION V9 - PIPES IN TRENCH**

SCALE 1:200



- NOTE:**
- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
  - PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
  - ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
  - ALL PIPES SHOULD BE UPVC
  - CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
  - 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
  - TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
  - TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
  - OIL TRAP TO BE PLACED UNDER THE RAMP
  - EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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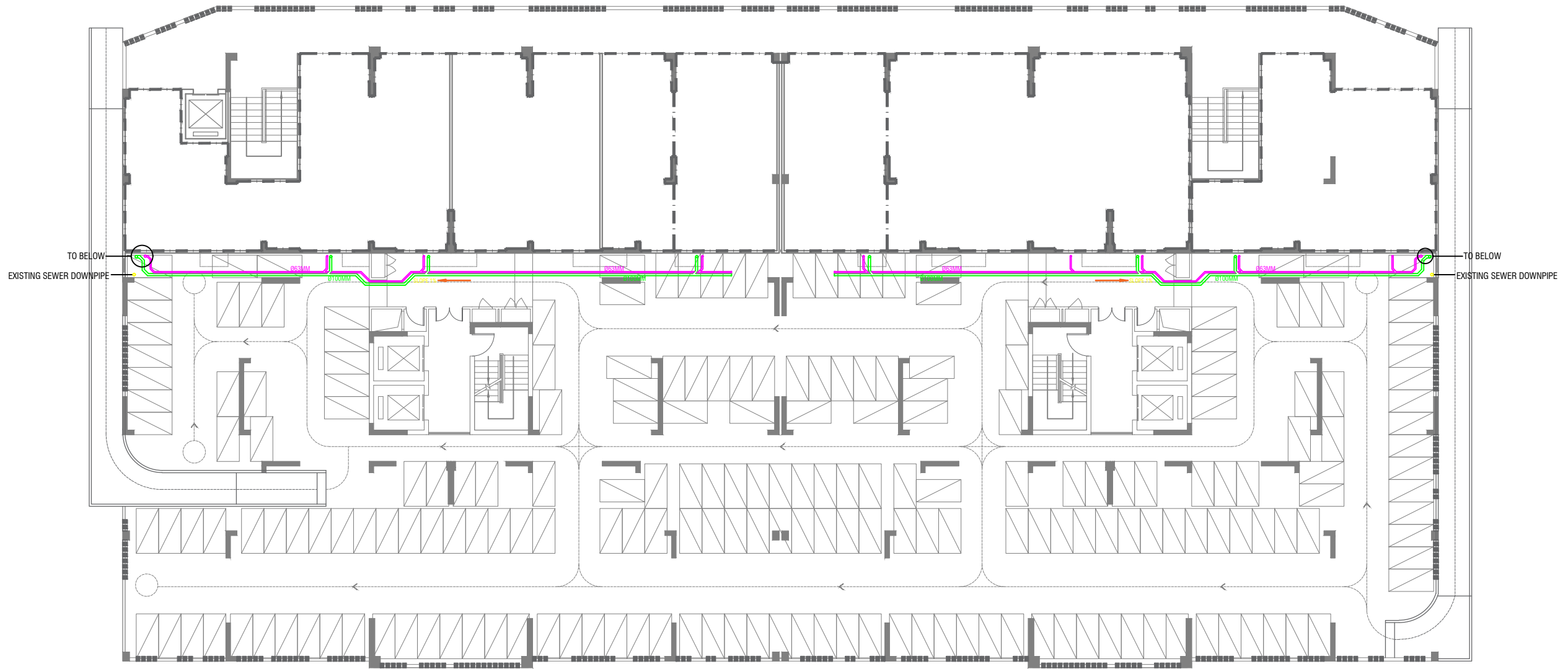
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<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	----

**SHEET NO.**  
**A26**



**GROUND FLOOR SEWER PROVISION V9 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



**VINARES COMMERCIAL SEWER PROVISION HULHUMALE'**

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<b>AUTHOR</b>	MOHAMED NAIL	<b>CREATED DATE</b>	16/07/2023
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<b>ARCHITECT</b>	NAIL
<b>STRUCTURAL ENG.</b>	YAMIN
<b>MECHANICAL ENG.</b>	GEORGE
<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
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SHEET NO.

**A27**



**GROUND FLOOR SEWER PROVISION V9 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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<b>ELECTRICAL ENG.</b>	NAME
<b>SCALE</b>	AS GIVEN

SHEET CONTENT
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SHEET NO. **A28**



### FIRST FLOOR SEWER PROVISION V9 - CORE CUT

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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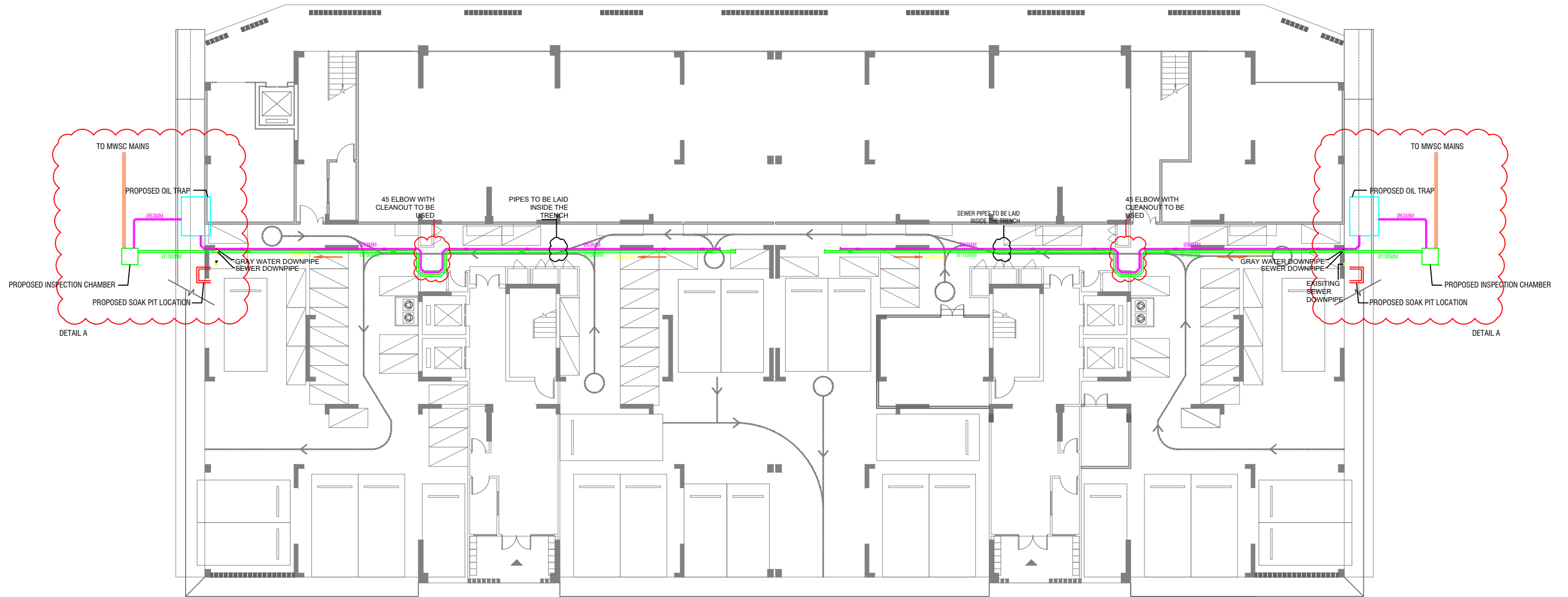
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SHEET CONTENT
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SHEET NO.  
**A29**



**GROUND FLOOR SEWER PROVISION V10 - PIPES IN TRENCH**

SCALE 1:200



**NOTE:**

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE
- ALL PIPES SHOULD HAVE 1% SLOPE AS INDICATED
- ALL PIPES SHOULD BE UPVC
- CORE-CUTTING IS RECOMMENDED INSTEAD OF DEMOLISHING WHEN ACCESSING TO THE SOAK PIT FROM THE TRENCH
- 45° ELBOW WITH CLEAN-OUT IS TO BE USED IN THE BENDS
- TAPPING POINT TO BE PROVIDED UPTO 100mm ABOVE THE TRENCH COVER
- TAPPING POINT LOCATION TO BE FINALIZED AFTER SURVEY
- OIL TRAP TO BE PLACED UNDER THE RAMP
- EXISTING SOAK PIT TO BE RE-PURPOSED AND MADE REDUNDANT

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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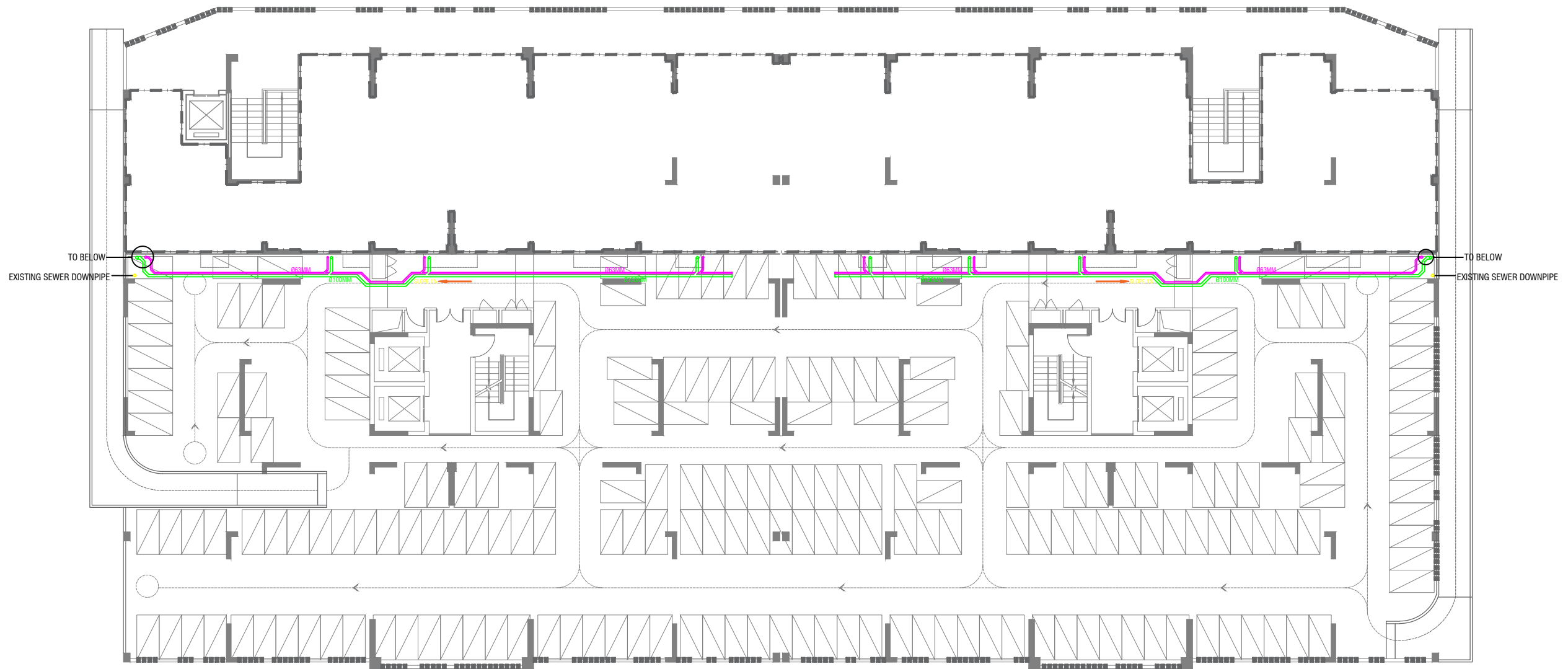
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<b>SCALE</b>	AS GIVEN

<b>SHEET CONTENT</b>	---

**SHEET NO.**  
**A30**



**GROUND FLOOR SEWER PROVISION V10 - PIPE RUNS BELOW THE FF SLAB**

SCALE 1:200



**NOTE:**

- THE PIPES TO BE LAID BELOW THE CEILING HELD BY SUSPENDED BRACKETS
- MAINTAIN SLOPE OF 1% AS INDICATED
- 45 ELBOWS WITH CLEANOUT TO BE USED IN THE BENDS
- ALL PIPES SHOULD BE UPVC

**LEGEND:**

	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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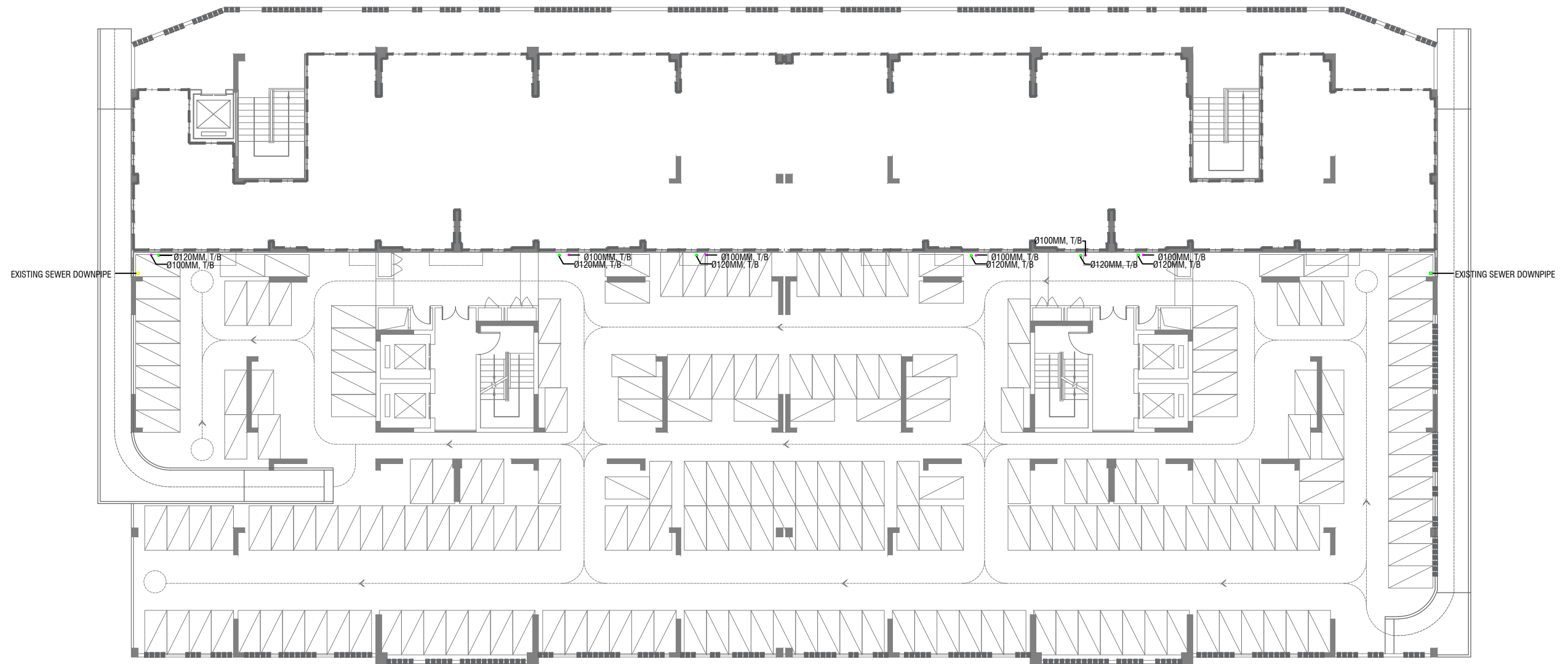
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<b>SCALE</b>	AS GIVEN

SHEET CONTENT
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**SHEET NO.**  
**A31**





**FIRST FLOOR SEWER PROVISION V10 - CORE CUT**

SCALE 1:200



**NOTE:**  
- CORE-CUT LOCATIONS MAY VARY AND A PHYSICAL SURVEY IS REQUIRED BEFORE COMMENCING.

LEGEND:	
	PROPOSED SEWER PIPE
	PROPOSED GREY PIPE
	PROPOSED INSPECTION CHAMBER
	PROPOSED OIL-TRAP
	PVC REDUCER TEE 150mm * 100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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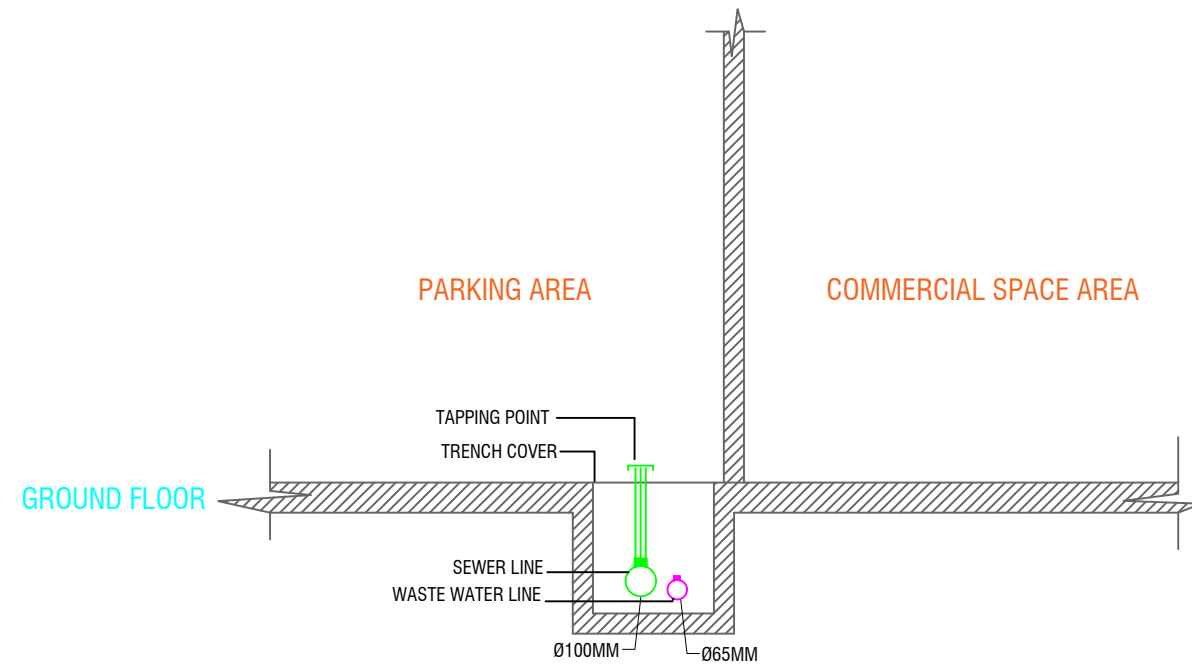
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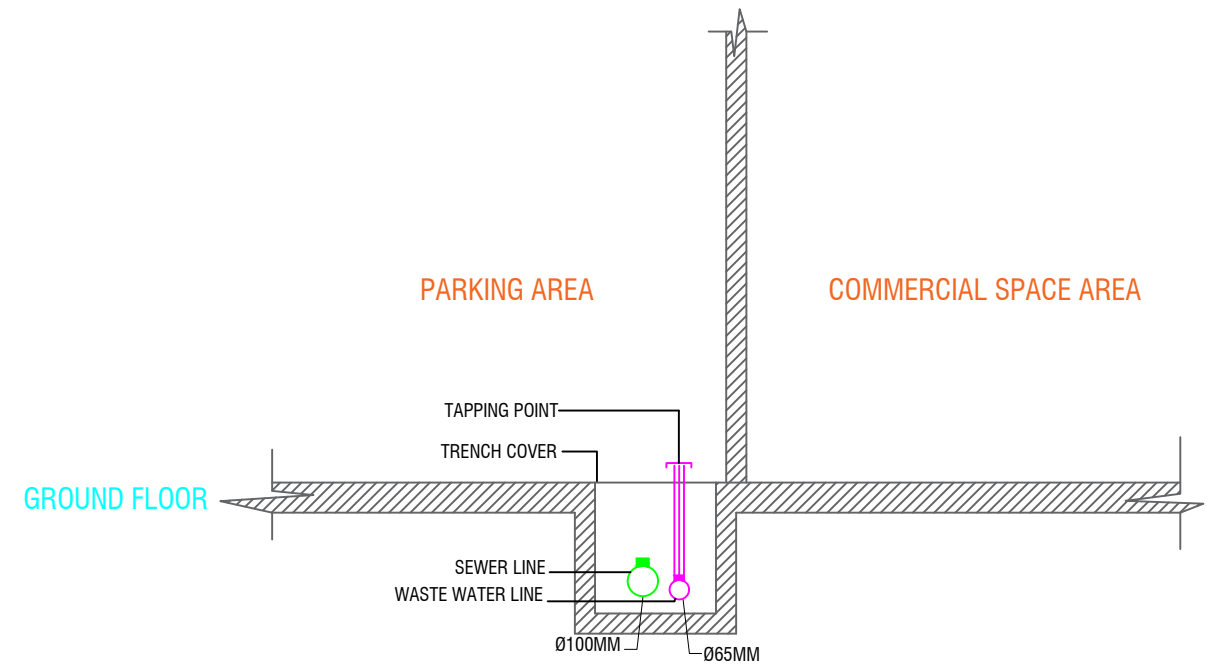
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SHEET CONTENT
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SHEET NO.  
**A32**



SEWER LINE



WASTE WATER LINE

### TRENCH / TAPPING POINT DETAIL

SCALE 1:50



#### VINARES COMMERCIAL SEWER PROVISION HULHUMALE'

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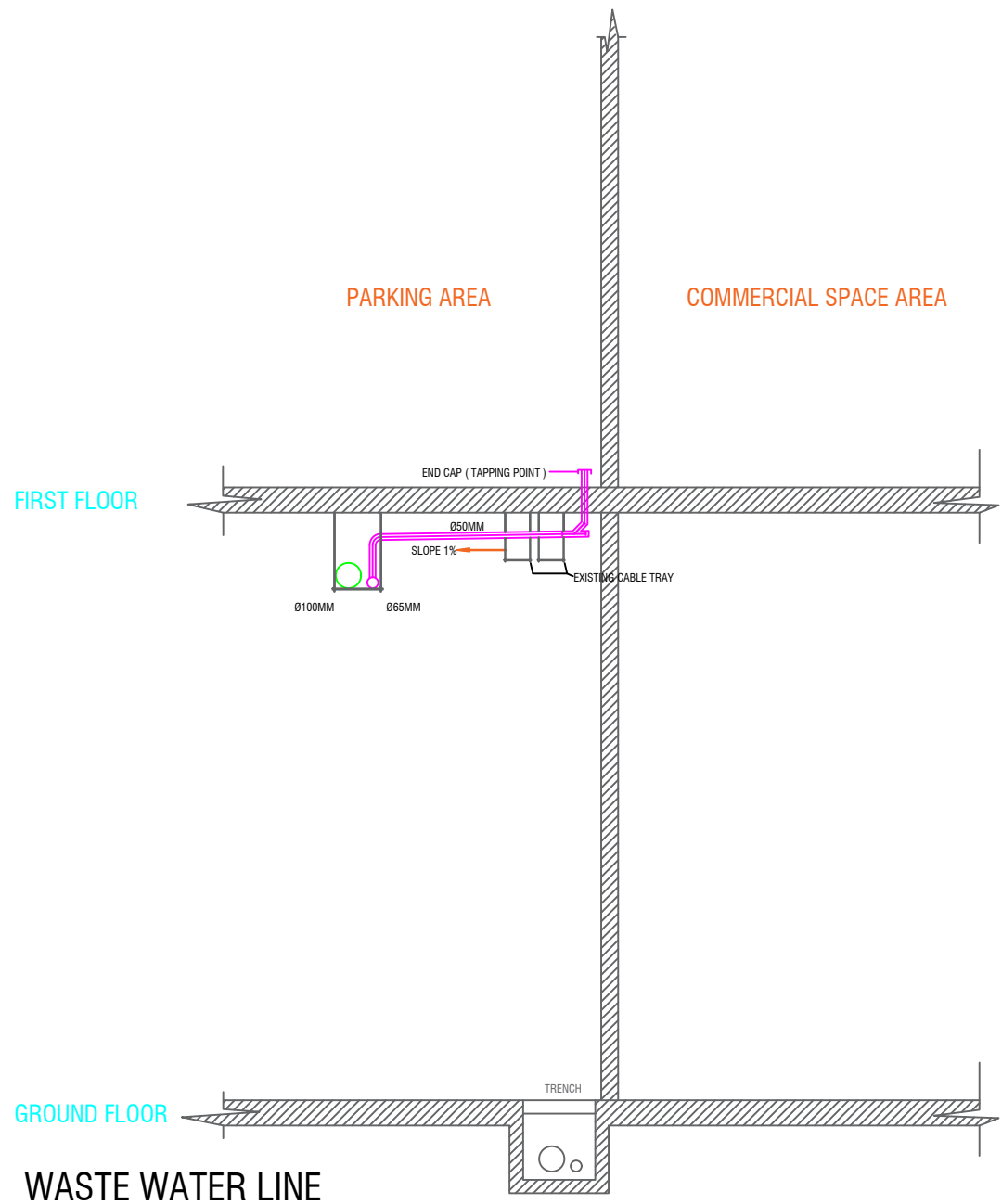
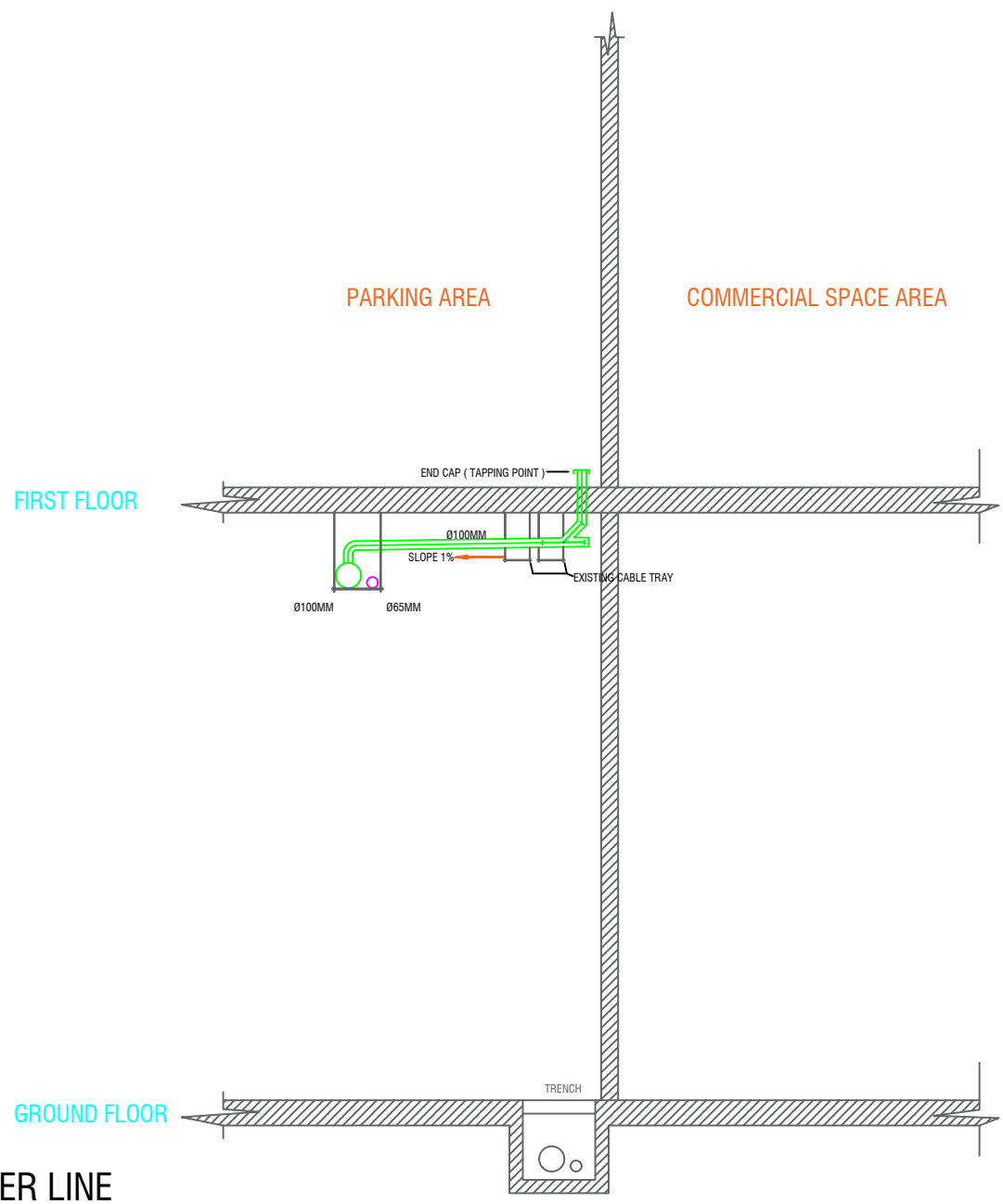
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A32



### TAPPING POINT DETAIL

SCALE 1:50



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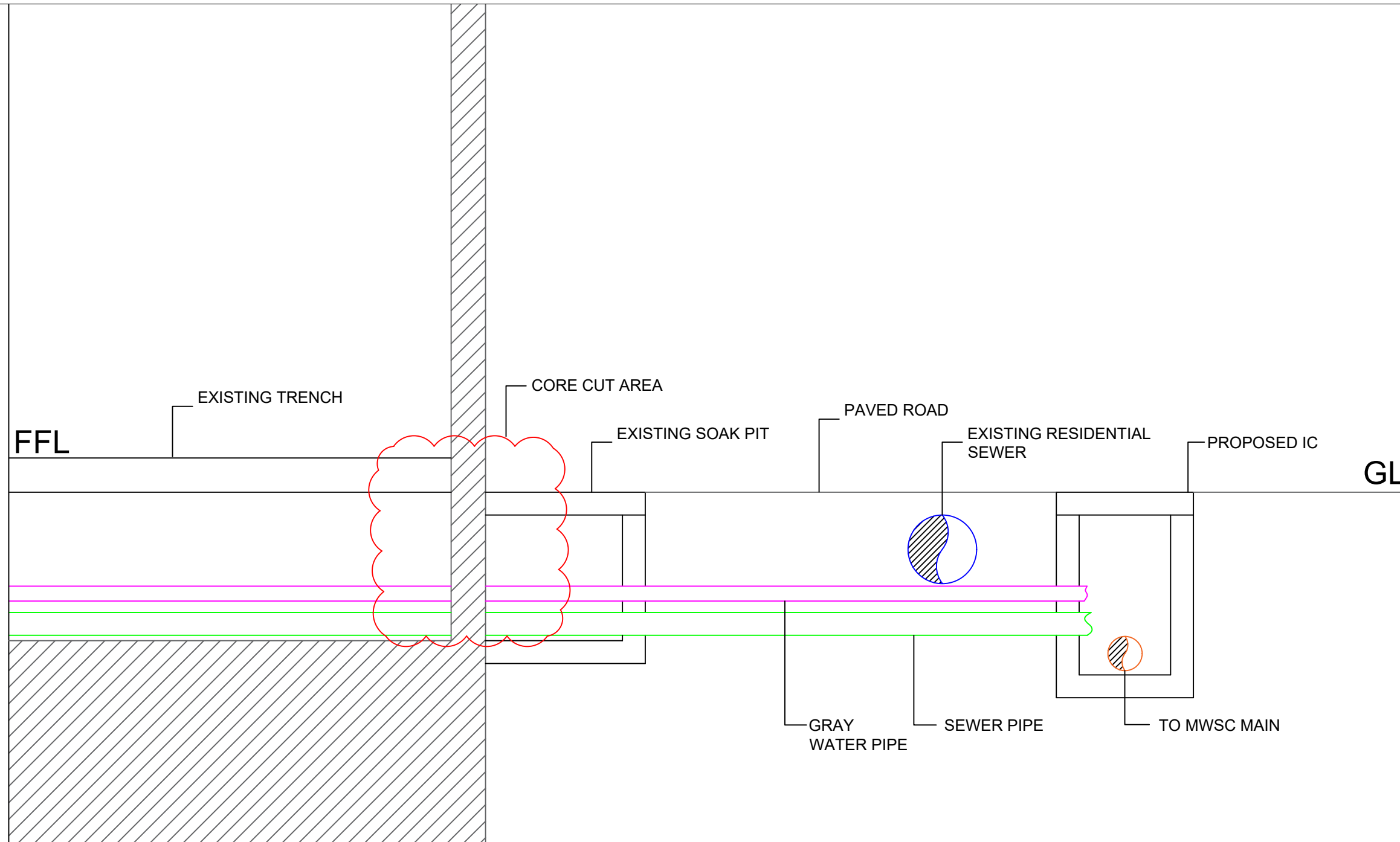
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**A33**



## DETAIL A

SCALE 1:20



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SHEET NO.

A34