



PLANNING AND DEVELOPMENT DEPARTMENT THIRD FLOOR, HDC BUILDING HULHUMALE' REPUBLIC OF MALDIVES TEL. +(960)3353535, FAX +(960)3358892 EMAIL: planning@hdc.com.mv

VINARES COMMERCIAL SEWER PROVISION HULHUMALE'

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DOCUMENT ID	XXXXX-SSSSS-YYYY-(NUMBER)	VERSION	5
DOCUMENT NAME	VINARES COMMERCIAL SEWER PROVISION REVISION		-
AUTHOR	MOHAMED NAIL	CREATED DATE	16/07/2023
LAST UPDATED BY	MOHAMED NAIL	LAST UPDATED DATE	03/04/2024
REVIEWED BY	GEORGE	REVIEWED DATE	03/04/2024
APPROVED BY	MOHAMED YAMIN	APPROVED DATE	16/07/2023
INFORMATION CLASSIFICATION SCHEME	(Public, Open, Confidential, Confidential & Sensitive and Secret)		

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ARCHITECT	NAIL
STRUCTURAL ENG.	YAMIN
MECHANICAL ENG.	GEORGE
ELECTRICAL ENG.	NAME
SCALE	
AS GIVEN	



GROUND FLOOR SEWER PROVISION V1 - PIPES ON TRENCH

SCALE 1:200 2M 3M

- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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STRUCTURAL ENG.	YAMIN		
MECHANICAL ENG.	GEORGE		
ELECTRICAL ENG.	NAME		
SCALE			
AS GIVEN			

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

- E:
 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
0	PVC REDUCER TEE 150mm *100mm (TAPPING POINT
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		

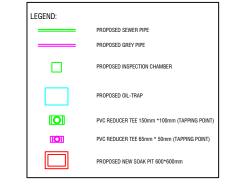
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FIRST FLOOR SEWER PROVISION V1 - CORE CUT

SCALE 1:200

1M 2M 3M 5M



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



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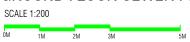
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STRUCTURAL ENG.	YAMIN		
MECHANICAL ENG.	GEORGE		
ELECTRICAL ENG.	NAME		
SCALE		1	
AS GIVEN			

EET CONTENT	





GROUND FLOOR SEWER PROVISION V2 - PIPES IN TRENCH



- 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

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



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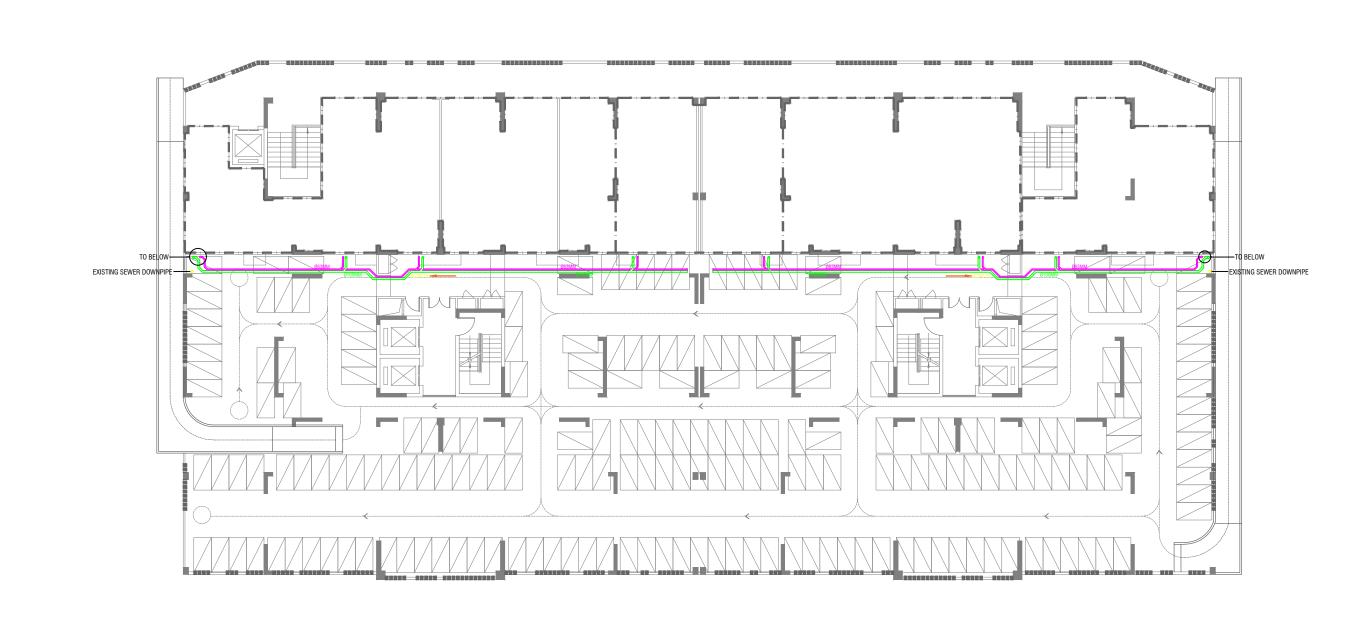
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ARCHITECT	NAIL	SHEET CONTENT
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		



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

SCALE 1:200

- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
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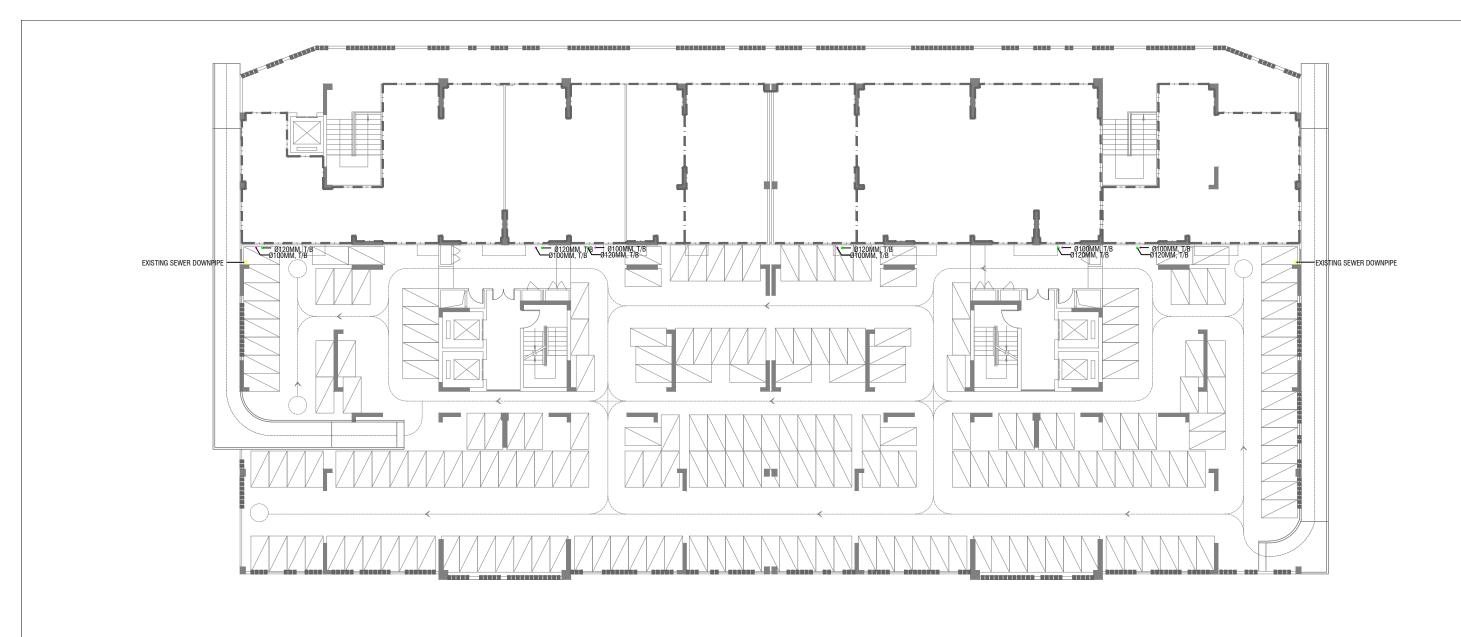
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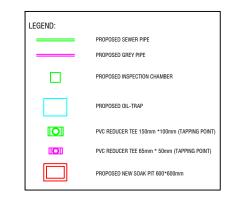
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MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		
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FIRST FLOOR SEWER PROVISION V2 - CORE CUT

SCALE 1:200



NOTE

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



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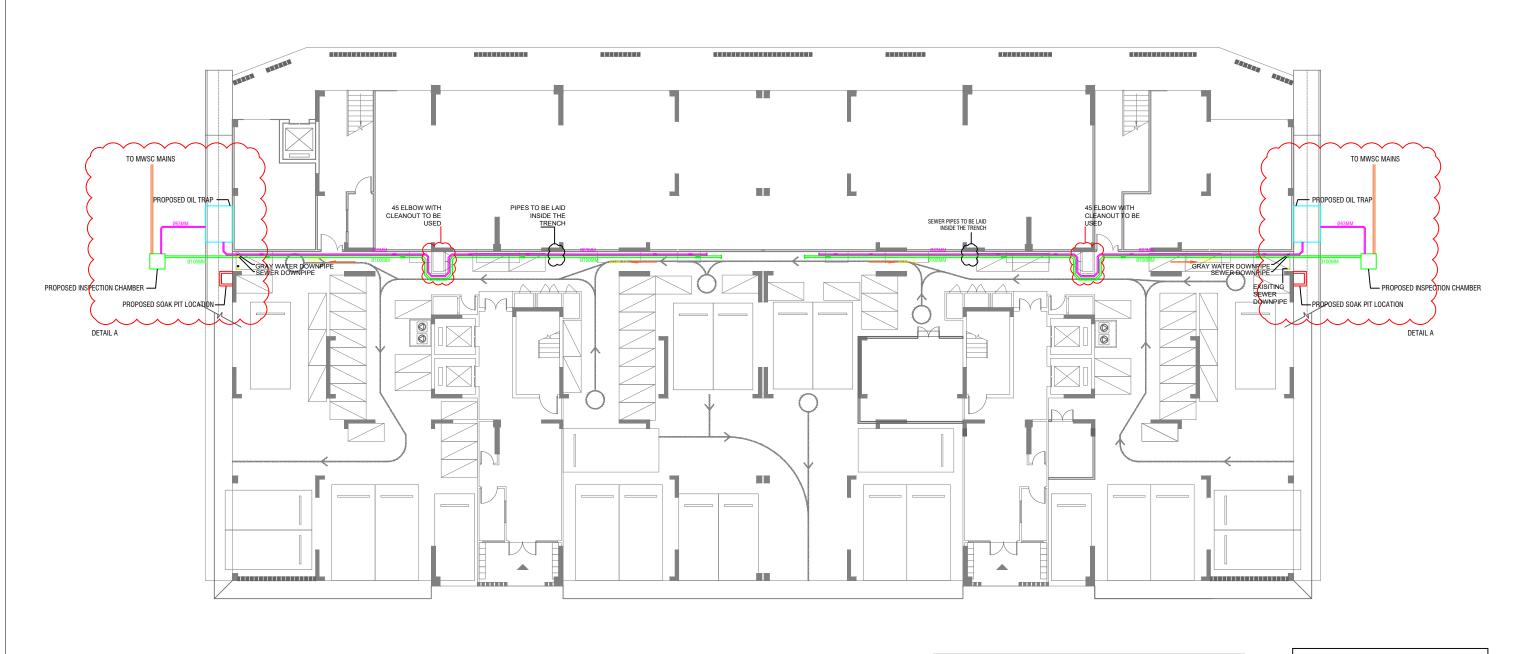
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ARCHITECT	NAIL	SHEET CONTE
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		

SHEET NO.



GROUND FLOOR SEWER PROVISION V3 - PIPES IN TRENCH



- 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

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



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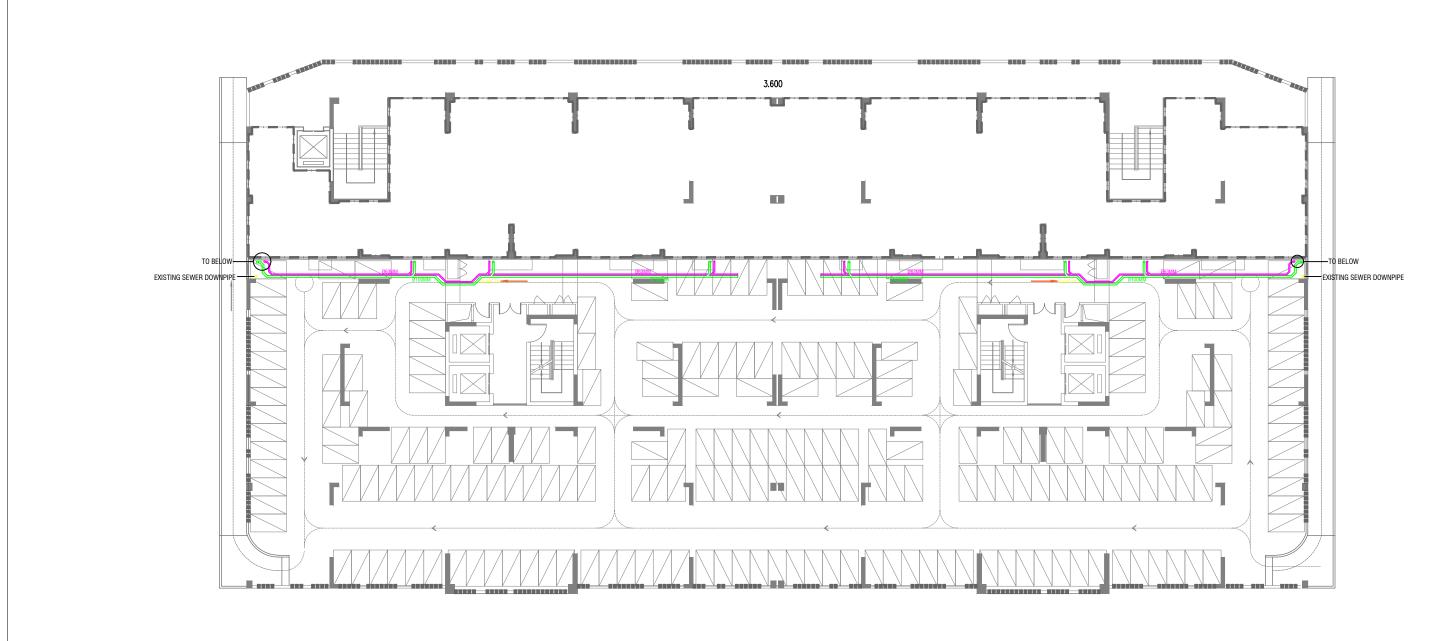
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ARCHITECT	NAIL	SHEET CONTENT
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
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GROUND FLOOR SEWER PROVISION V3 - PIPE RUNS BELOW THE FF SLAB



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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm

SHEET CONTENT

	HOUSING
4	DEVELOPMENT
	CORPORATION

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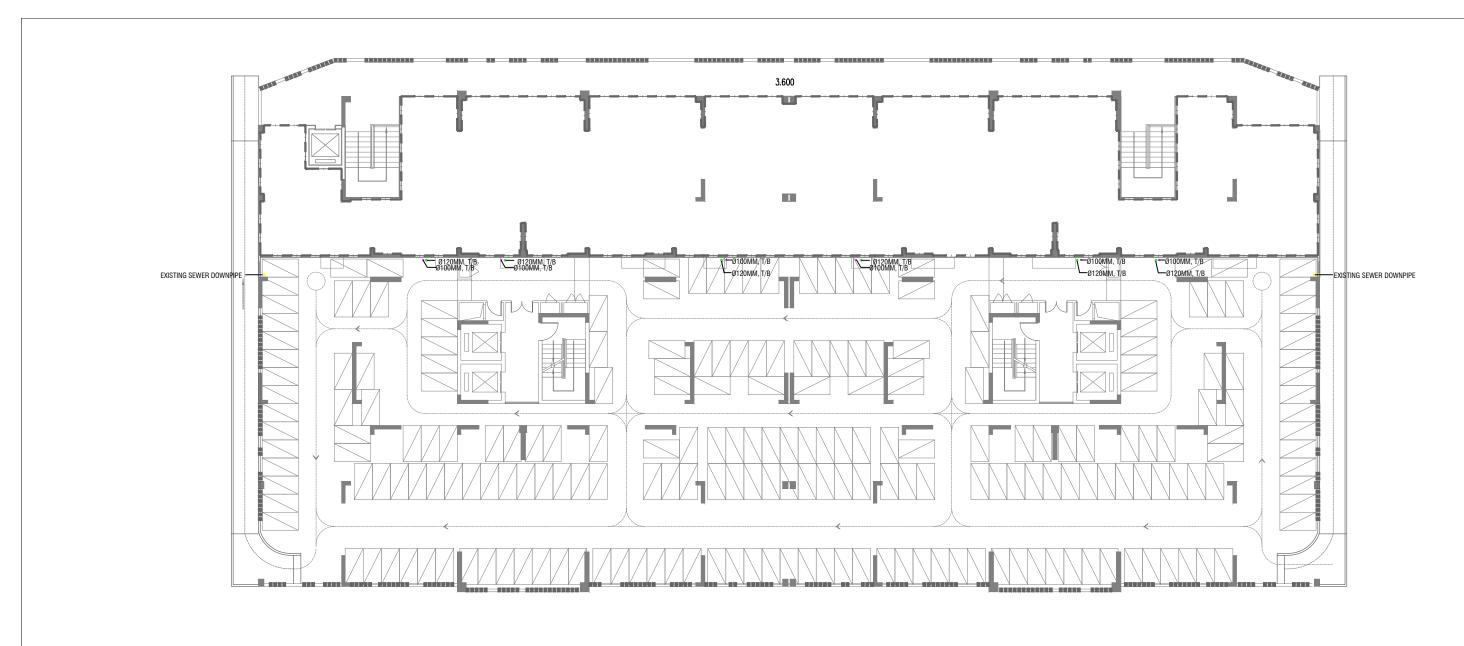
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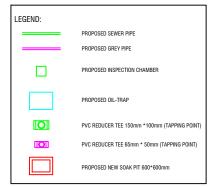
ARCHITECT	NAIL
STRUCTURAL ENG.	YAMIN
MECHANICAL ENG.	GEORGE
ELECTRICAL ENG.	NAME
SCALE	

SHEET NO





FIRST FLOOR SEWER PROVISION V3 - CORE CUT



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



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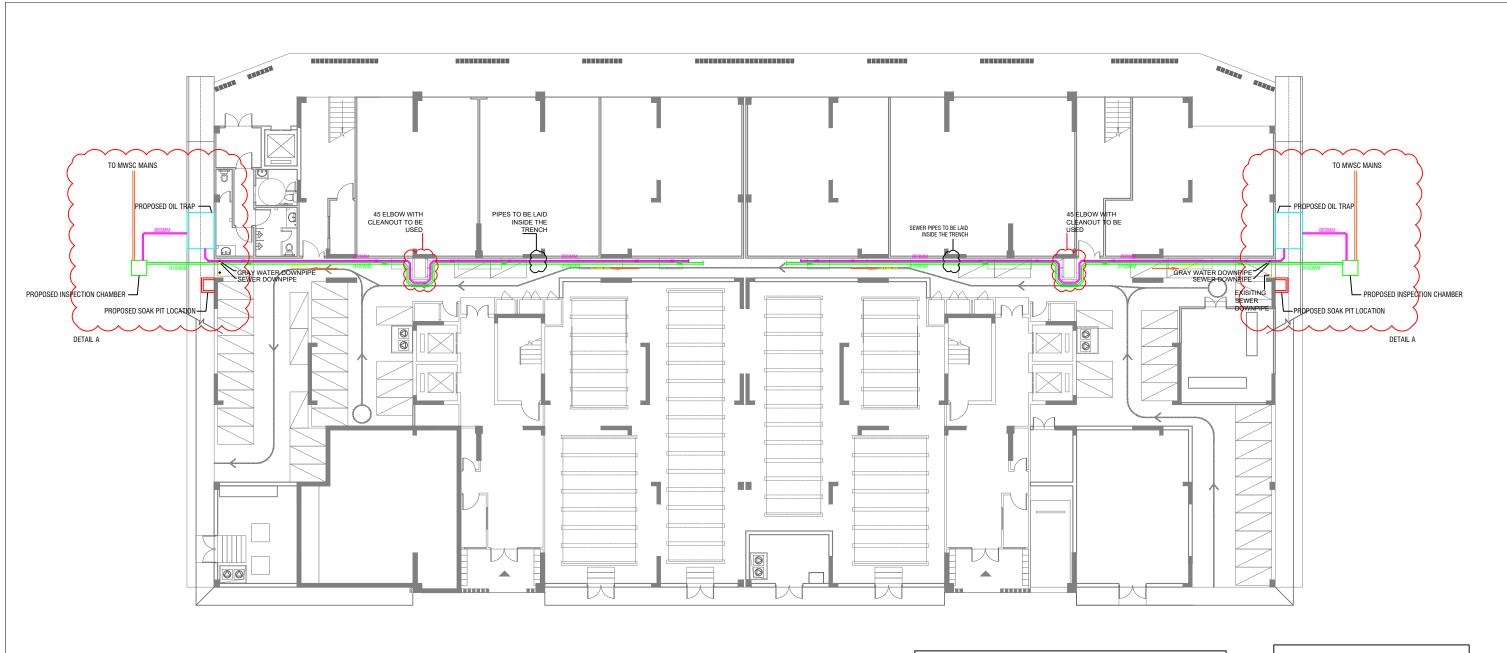
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NAIL	SHEET
YAMIN	
GEORGE	
NAME	
	YAMIN GEORGE

HEET CONTENT	SHEET NO.

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GROUND FLOOR SEWER PROVISION V4 - PIPES IN TRENCH

SCALE 1:200

- 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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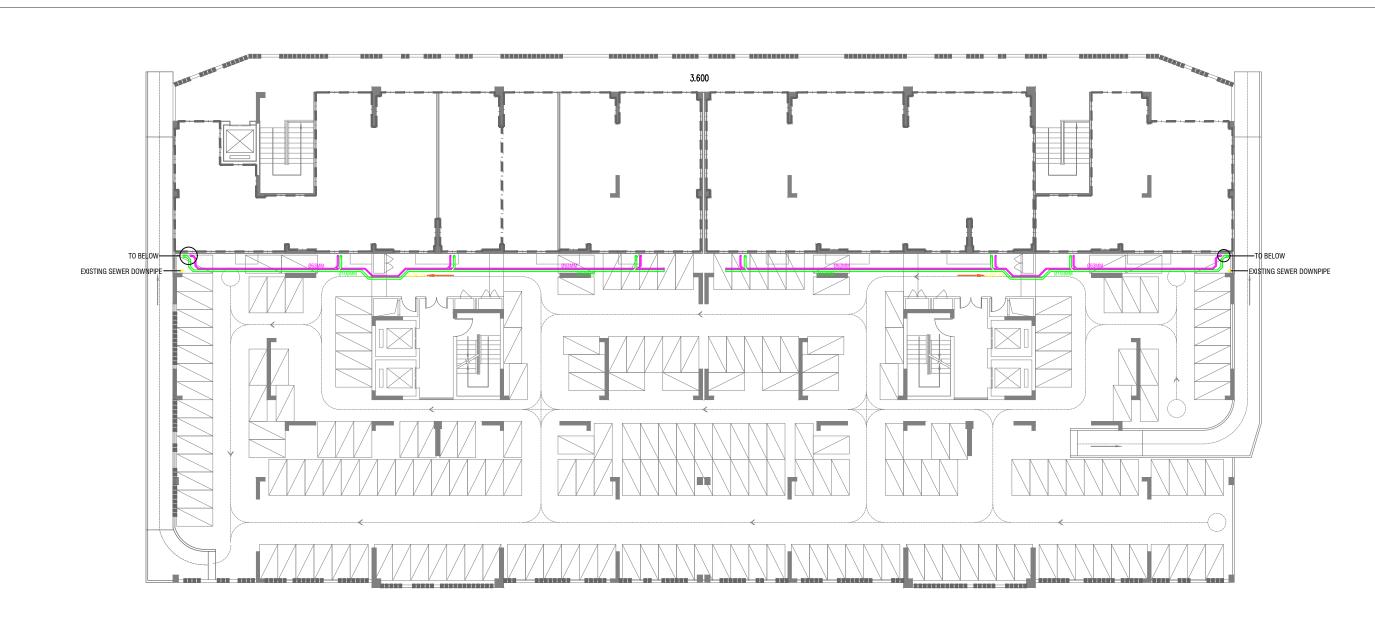
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STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
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GROUND FLOOR SEWER PROVISION V4 - PIPE RUNS BELOW THE FF SLAB



- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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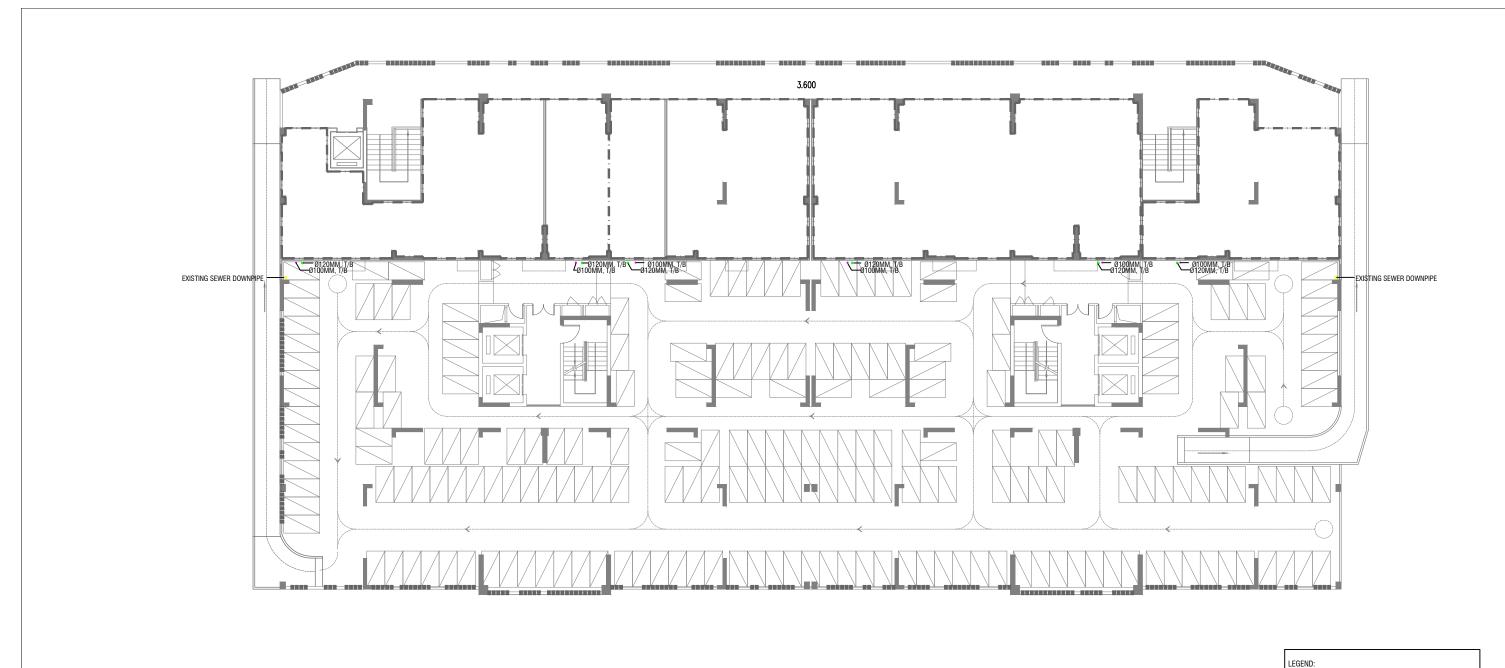
VINARES COMMERCIAL SEWER PROVISION HULHUMALE'

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STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	

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FIRST FLOOR SEWER PROVISION V4 - CORE CUT

SCALE 1:200

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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ARCHITECT	NAIL	SHEET CONTEN
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MECHANICAL ENG.	GEORGE	
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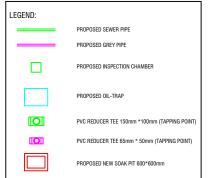
GROUND FLOOR SEWER PROVISION V5 - PIPES IN TRENCH

SCALE 1:200

2M

- 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





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

SCALE 1:200

- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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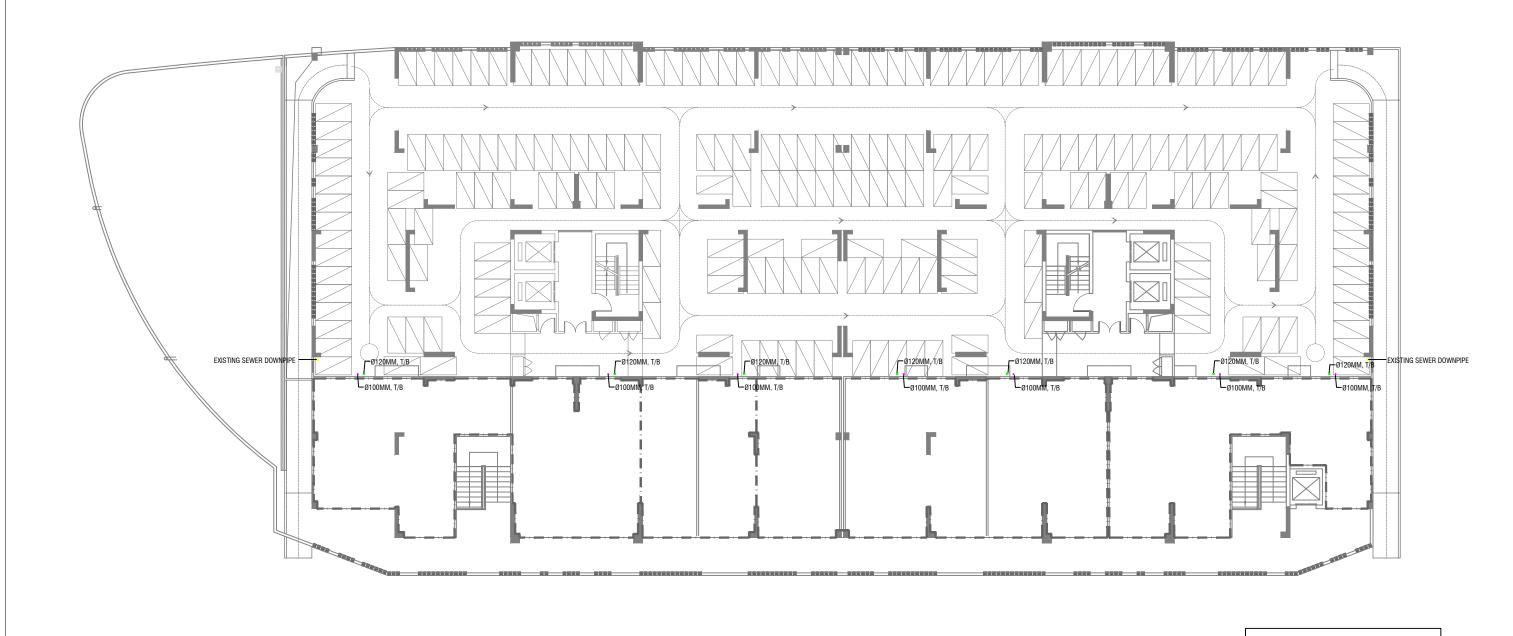
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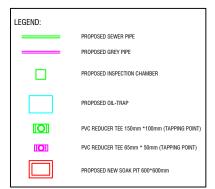


FIRST FLOOR SEWER PROVISION V5 - CORE CUT



NOTE:

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





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ARCHITECT	NAIL
STRUCTURAL ENG.	YAMIN
MECHANICAL ENG.	GEORGE
ELECTRICAL ENG.	NAME
SCALE	

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GROUND FLOOR SEWER PROVISION V6 - PIPES IN TRENCH



- 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
- OIL TRAP TO BE PLACED UN
- EXISTING SOAK PIT TO BE I REDUNDANT

CHITECT NAIL	SHEET CONTENT	SHEET NO.
RE-PURPOSED AND MADE	PROPO	SED NEW SOAK PIT 600*600mm
N TO BE FINALIZED AFTER SURVEY	[[O]] PVC RE	EDUCER TEE 65mm * 50mm (TAPPING POINT)
OVIDED UPTO 100mm ABOVE THE	PVC RE	EDUCER TEE 150mm *100mm (TAPPING POINT)

LEGEND:

PROPOSED SEWER PIPE PROPOSED GREY PIPE

PROPOSED INSPECTION CHAMBER



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STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
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GROUND FLOOR SEWER PROVISION V6 - PIPE RUNS BELOW THE FF SLAB

SCALE 1:200

- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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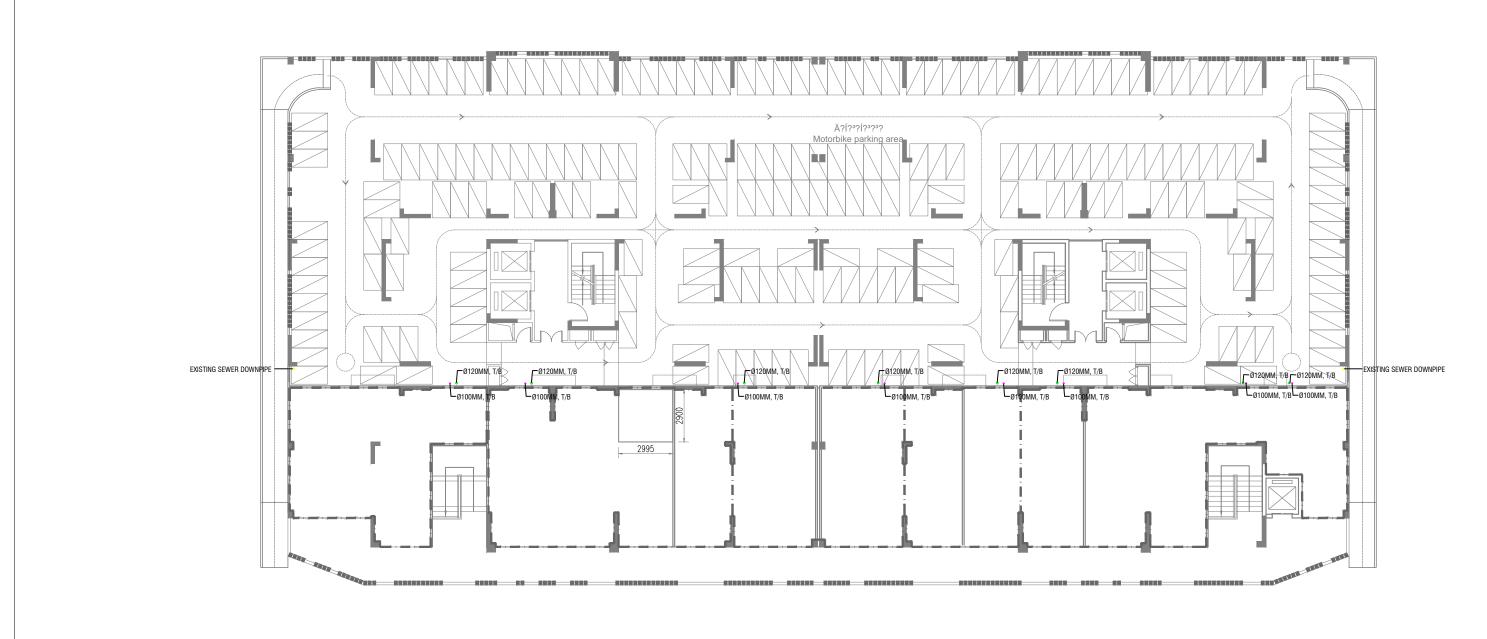
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STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
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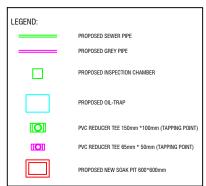
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FIRST FLOOR SEWER PROVISION V6 - CORE CUT



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





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NAIL	SHEET CONTENT
YAMIN	
GEORGE	
NAME	
	YAMIN GEORGE

SHEET N



GROUND FLOOR SEWER PROVISION V7 - PIPES IN TRENCH



- 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

		PROPOSED INSPECTION CHAMBER	
NG		PROPOSED OIL-TRAP	
	O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)	
,		PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)	
		PROPOSED NEW SOAK PIT 600*600mm	

PROPOSED SEWER PIPE

PROPOSED GREY PIPE



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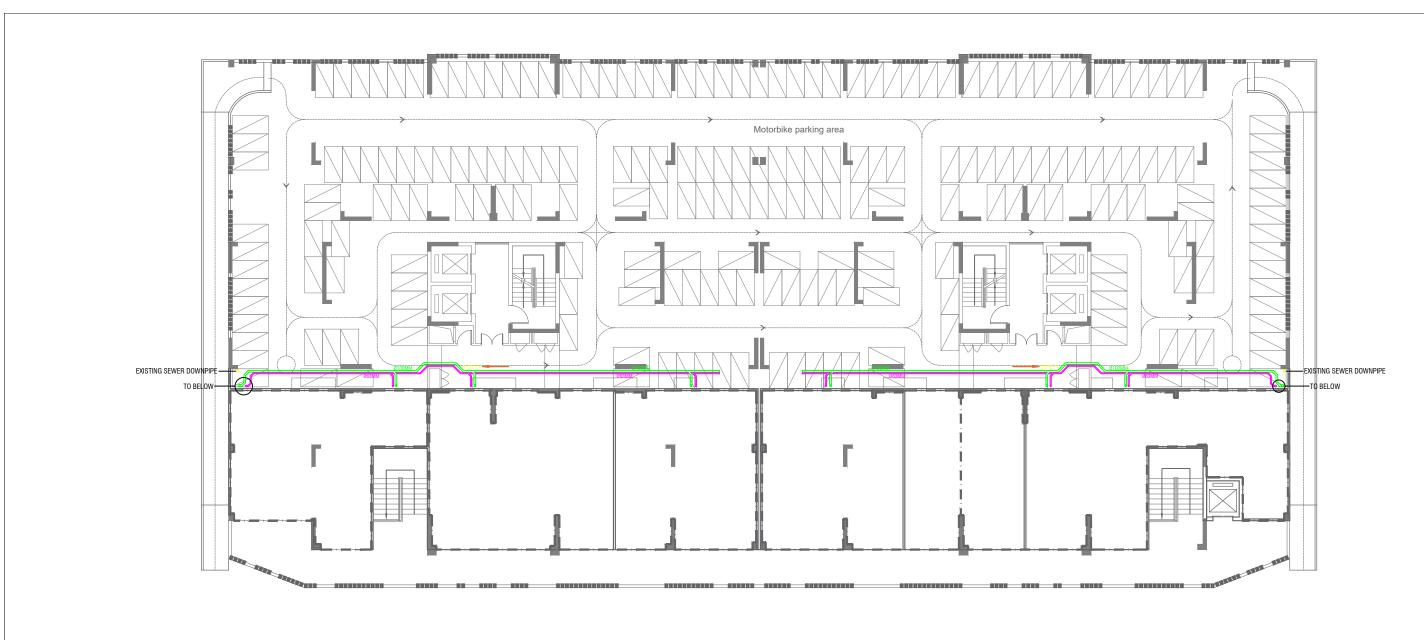
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ARCHITECT	NAIL	SHEET
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
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GROUND FLOOR SEWER PROVISION V7 - PIPE RUNS BELOW THE FF SLAB

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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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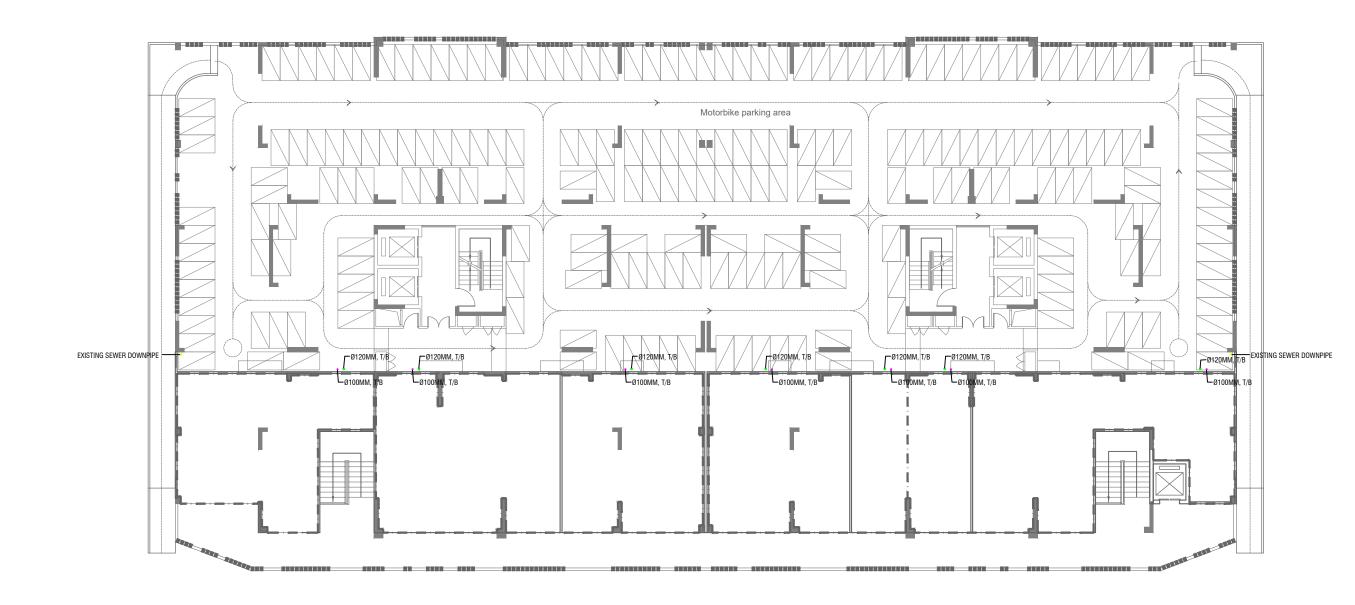
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ARCHITECT	NAIL	:
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
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FIRST FLOOR SEWER PROVISION V7 - CORE CUT



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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
IOI	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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ARCHITECT	NAIL	!
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
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AS GIVEN		

SHEET CONTENT			

SHEET NO.

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GROUND FLOOR SEWER PROVISION V8 - PIPES IN TRENCH

SCALE 1:200

- THE PROPOSED OIL-TRAP SHALL BE AS PER MWSC REQUIREMENT
- PIPES SHOULD GO UNDER THE EXISTING RESIDENTIAL SEWER LINE

- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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VINARES COMMERCIAL SEWER PROVISION HULHUMALE'

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DOCUMENT ID	XXXXX-SSSSS-YYYY-(NUMBER)	VERSION	5
DOCUMENT NAME	VINARES COMMERCIAL SEWER PROVISION	REVISION	-
AUTHOR	MOHAMED NAIL	CREATED DATE	16/07/2023
LAST UPDATED BY	MOHAMED NAIL	LAST UPDATED DATE	03/04/2024
REVIEWED BY	GEORGE	REVIEWED DATE	03/04/2024
APPROVED BY	MOHAMED YAMIN	APPROVED DATE	16/07/2023
INFORMATION CLASSIFICATION SCHEME	(Public, Open, Confidential, Confidential & Sensitive and Secret)		cret)

VER.	DATE	REV.	REVISION
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Х	DD/MM/YYYY	Z	(MODIFIED FEEDBACK FORMS)
Х	DD/MM/YYYY	Z	(REFORMATTED FEEDBACK FORM)

ARCHITECT	NAIL	:
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		

HEEL CONTENT				



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

SCALE 1:200

- 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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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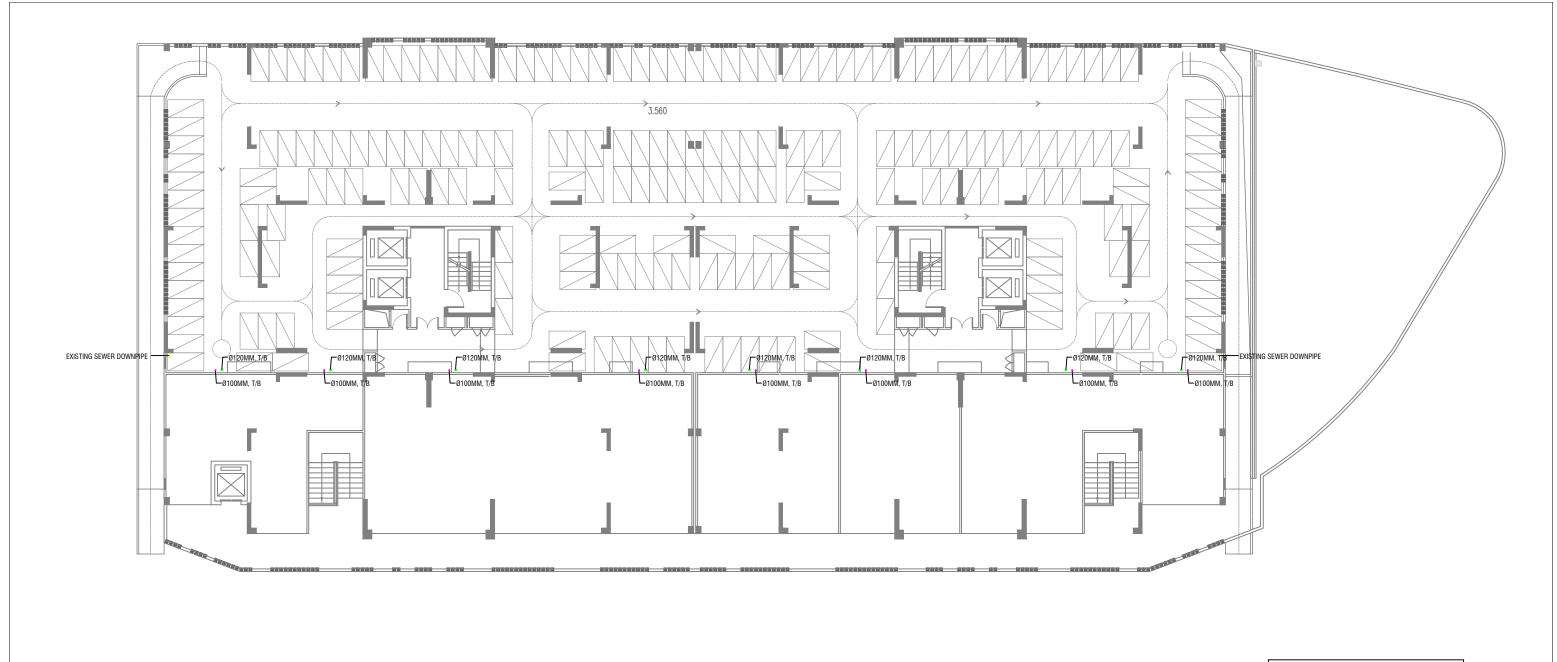
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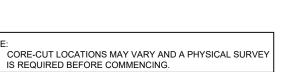
ARCHITECT	NAIL	SHEET
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		

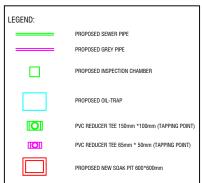
SHEET CONTENT	
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FIRST FLOOR SEWER PROVISION V8 - CORE CUTS

SCALE 1:200







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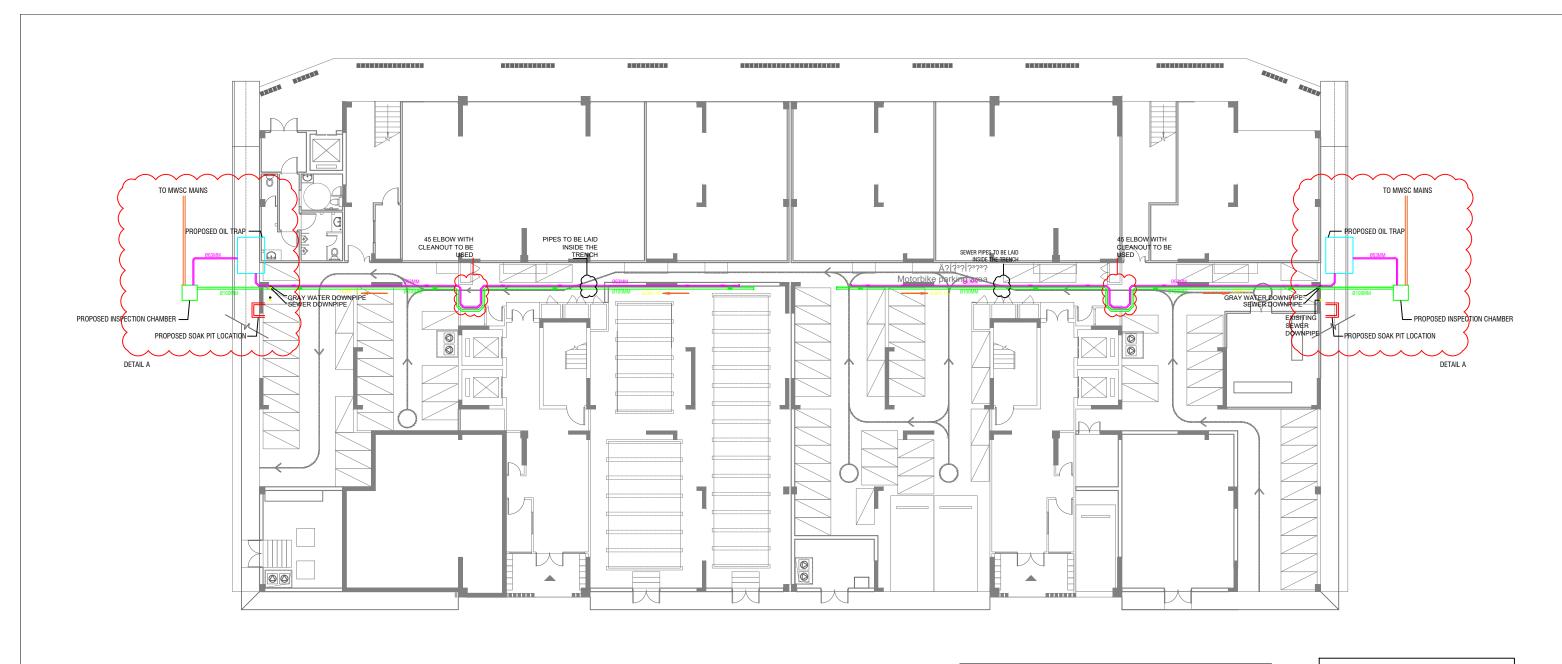
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ARCHITECT	NAIL	SHEET CONTENT
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		

SHEET NO.



GROUND FLOOR SEWER PROVISION V9 - PIPES IN TRENCH



- 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

SCALE

AS GIVEN

		1
ARCHITECT	NAIL	SHEET CONTENT
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	

	HOUSING
4	DEVELOPMENT
	CORPORATION

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LEGEND:

O

PROPOSED SEWER PIPE

PROPOSED GREY PIPE

PROPOSED OIL-TRAP

PVC REDUCER TEE 150mm *100mm (TAPPING POINT)

PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)

PROPOSED NEW SOAK PIT 600*600mm



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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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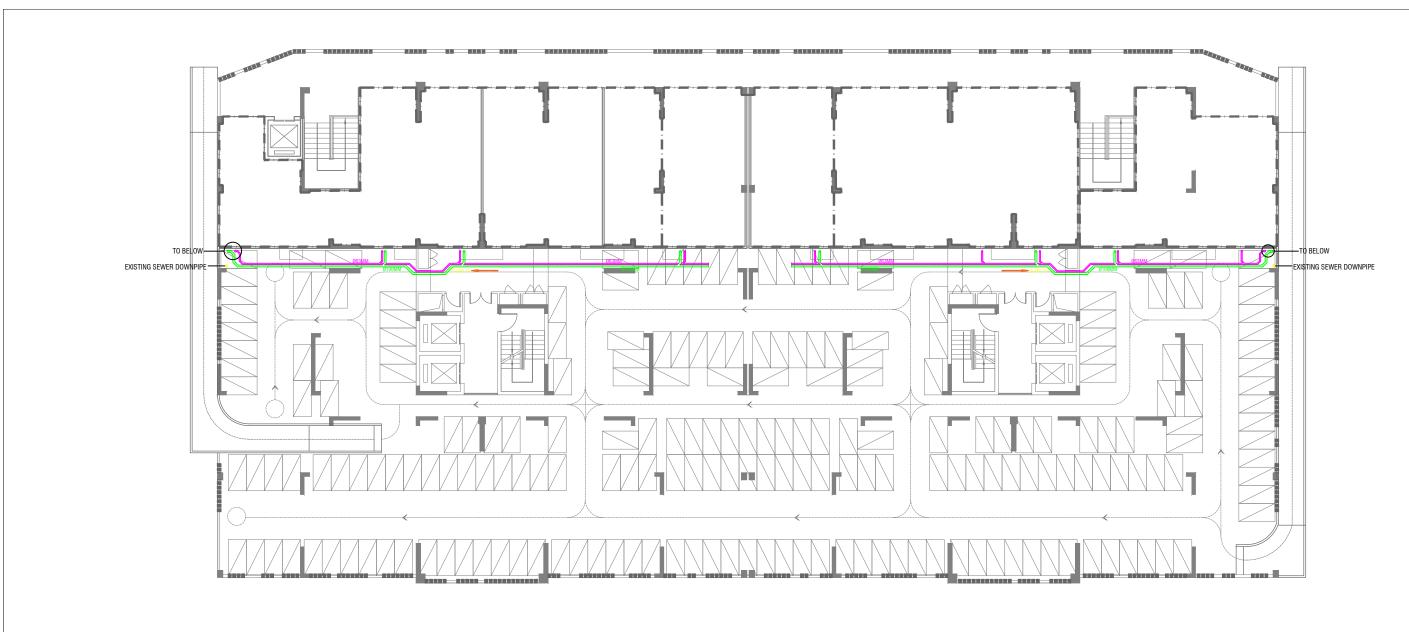
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ARCHITECT	NAIL	SHEET CONTE
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		



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

SCALE 1:200

2M 3M

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
O	PVC REDUCER TEE 150mm *100mm (TAPPING POINT)
	PVC REDUCER TEE 65mm * 50mm (TAPPING POINT)
	PROPOSED NEW SOAK PIT 600*600mm



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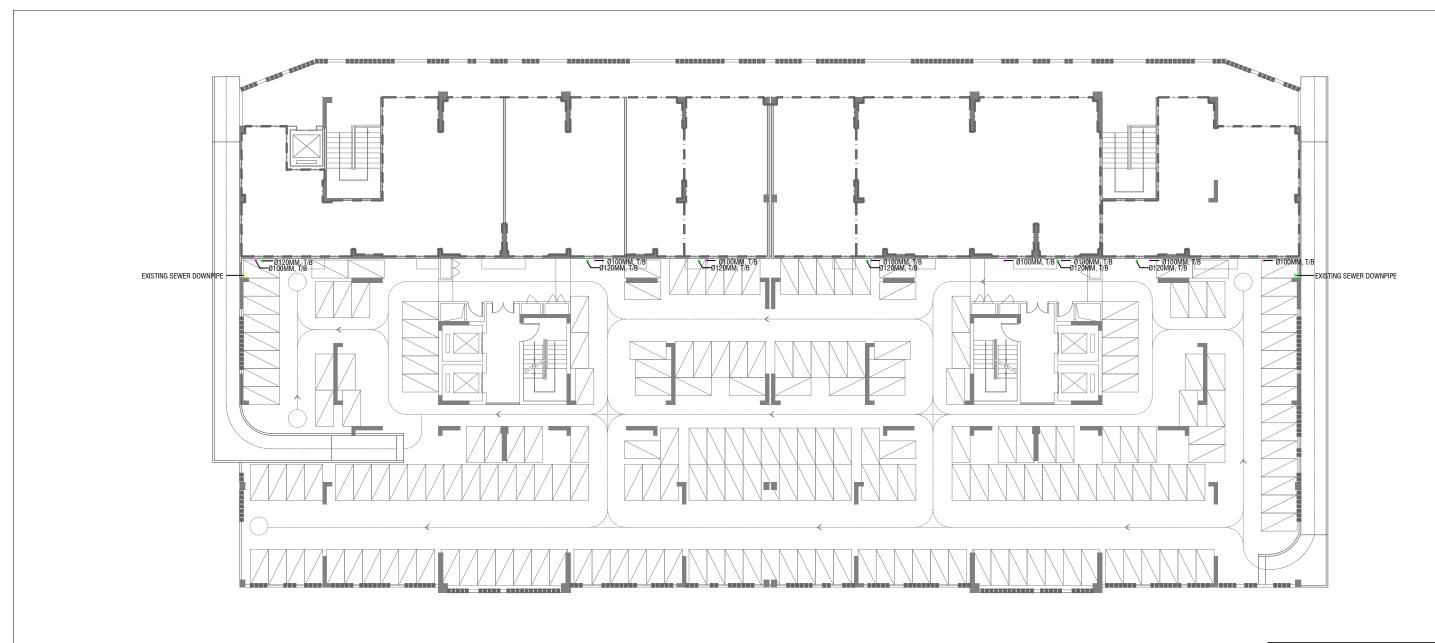
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Χ	DD/MM/YYYY	Z	(REFORMATTED FEEDBACK FORM)

STRUCTURAL ENG.	YAMIN GEORGE
	GEORGE
ELECTRICAL ENG.	NAME
ELECTRICAL ENG.	NAME
SCALE	

SHEET CONTENT	



FIRST FLOOR SEWER PROVISION V9 - CORE CUT

SCALE 1:200

NOTE:

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





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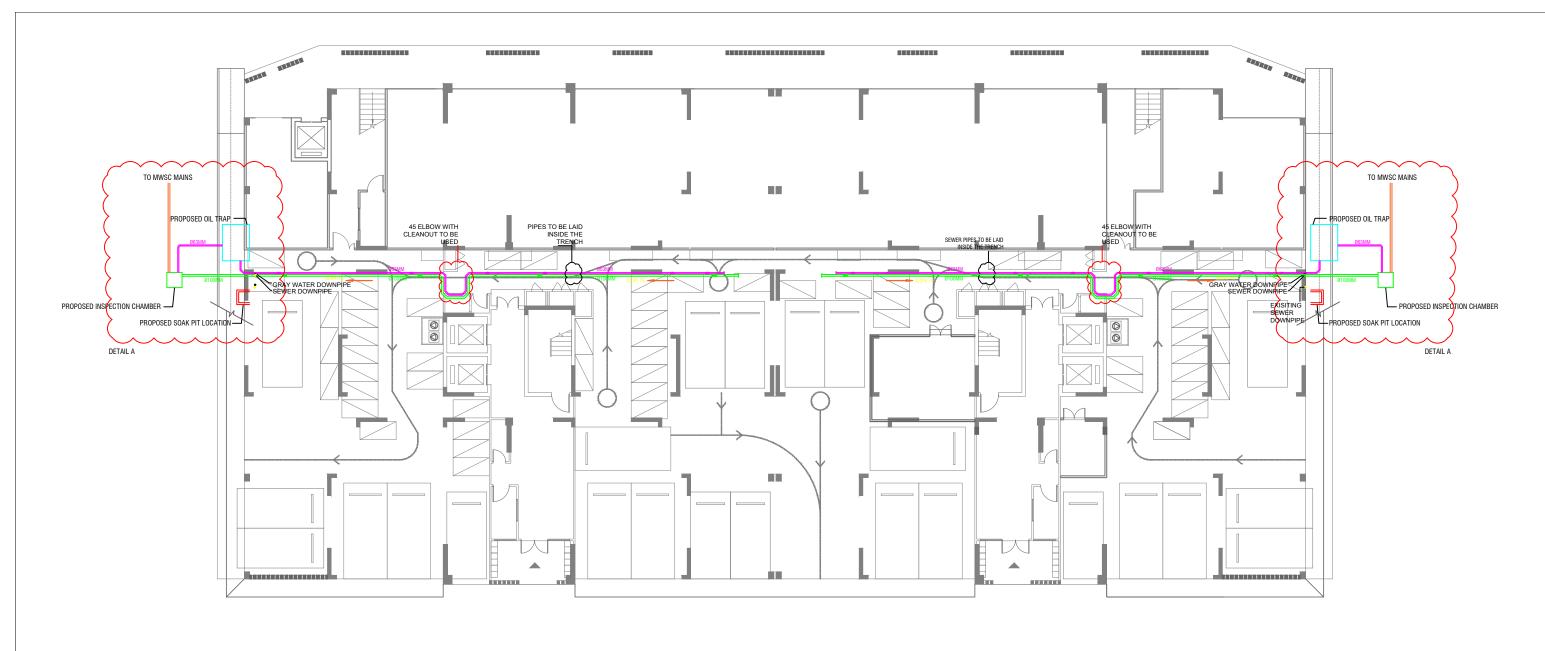
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Χ	DD/MM/YYYY	Z	(REFORMATTED FEEDBACK FORM)

STRUCTURAL ENG.	YAMIN
	17 0 7 11 7
MECHANICAL ENG.	GEORGE
ELECTRICAL ENG.	NAME
ELECTRICAL ENG.	NAME
SCALE	

	SHEET CONTENT	
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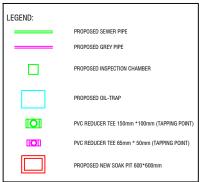
SHEET NO.



GROUND FLOOR SEWER PROVISION V10 - PIPES IN TRENCH

SCALE 1:200

- 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





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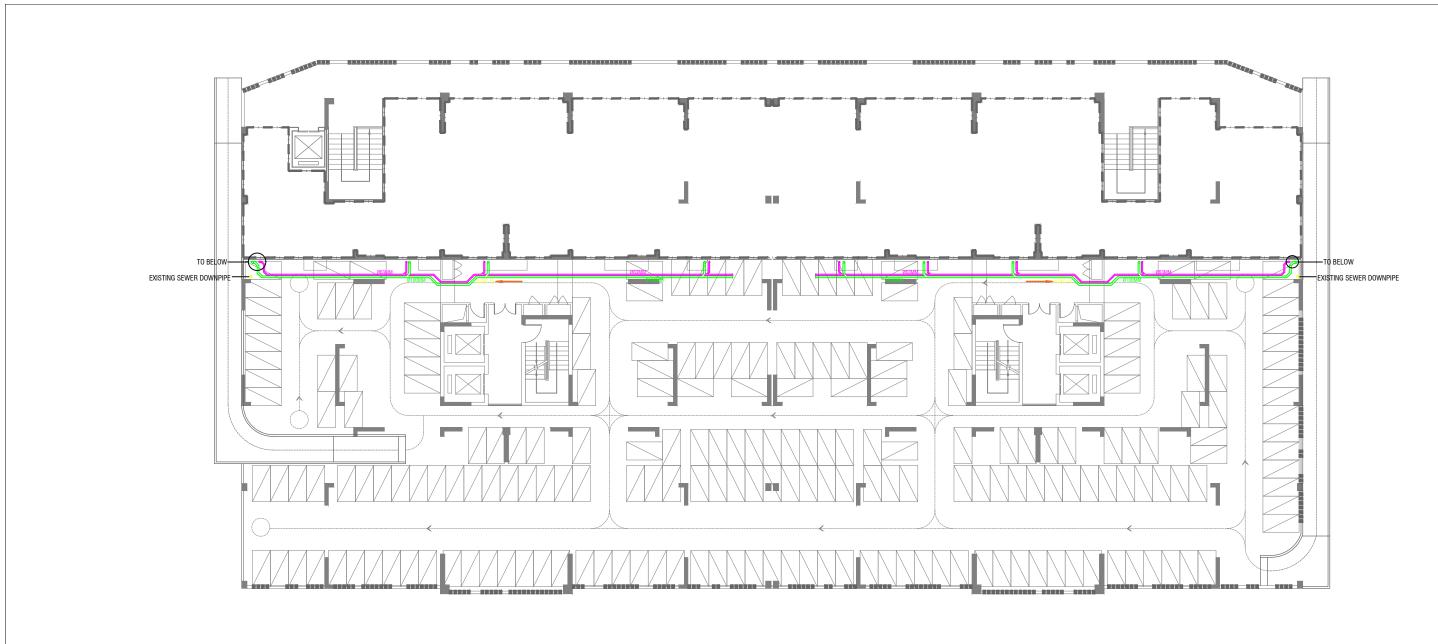
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ARCHITECT	NAIL	SHEET
STRUCTURAL ENG.	YAMIN	
MECHANICAL ENG.	GEORGE	
ELECTRICAL ENG.	NAME	
SCALE		
AS GIVEN		

SHEET CONTEN	T		
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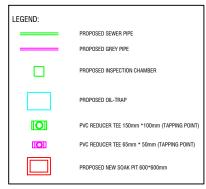
GROUND FLOOR SEWER PROVISION V10 - PIPE RUNS BELOW THE FF SLAB



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



SHEET CONTENT



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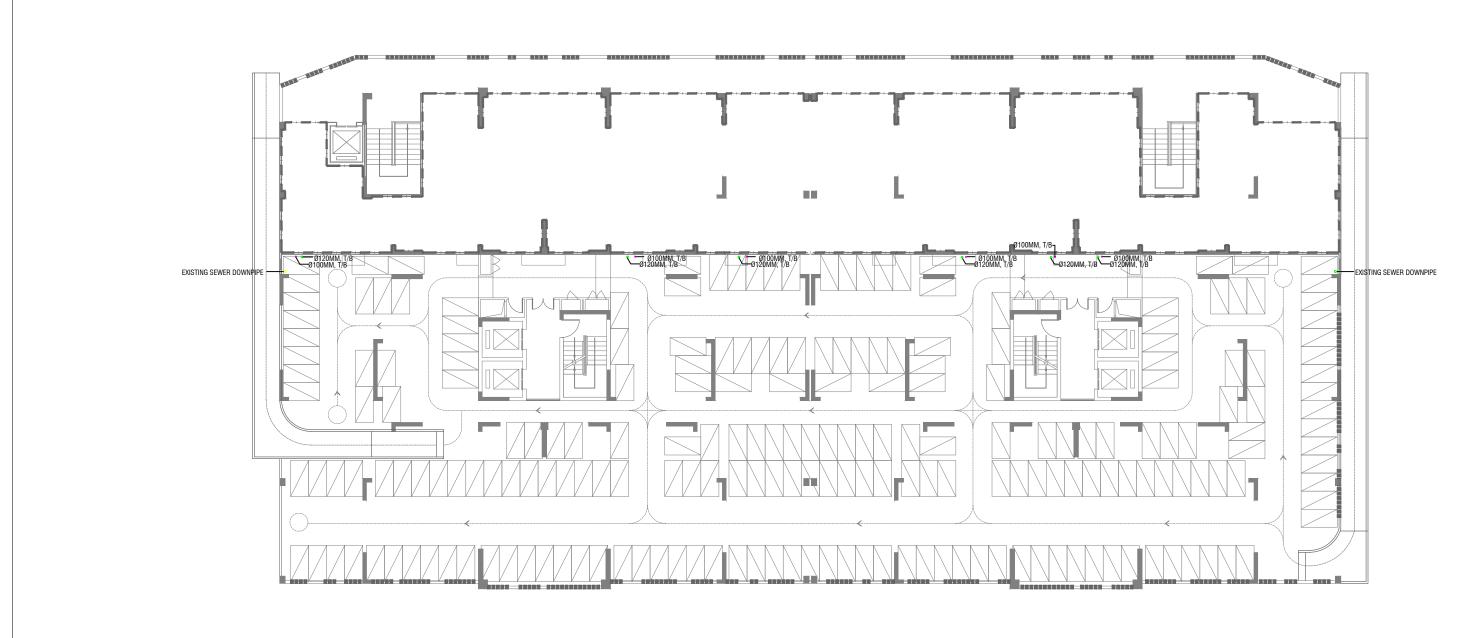
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VER.	DATE	REV.	REVISION	STRUCTURAL
Χ	DD/MM/YYYY	Z	(DRAFT)	MECHANICA
Х	DD/MM/YYYY	Z	(FEEDBACK FORMS INCLUDED)	ELECTRICAL
Х	DD/MM/YYYY	Z	(MODIFIED FEEDBACK FORMS)	
Х	DD/MM/YYYY	Z	(REFORMATTED FEEDBACK FORM)	SCALE

NAIL

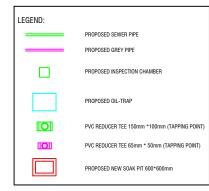
SHEET NO.



FIRST FLOOR SEWER PROVISION V10 - CORE CUT

SCALE 1:200

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





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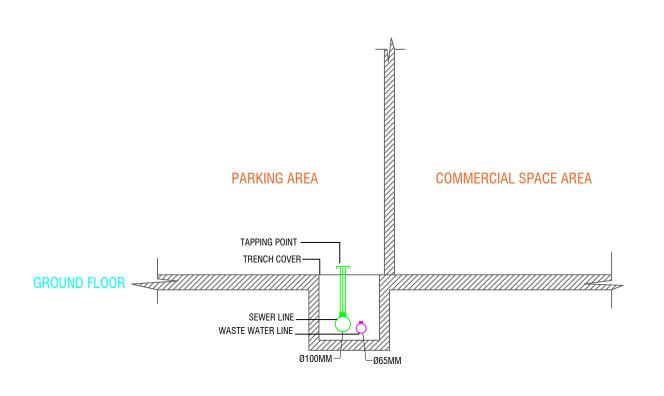
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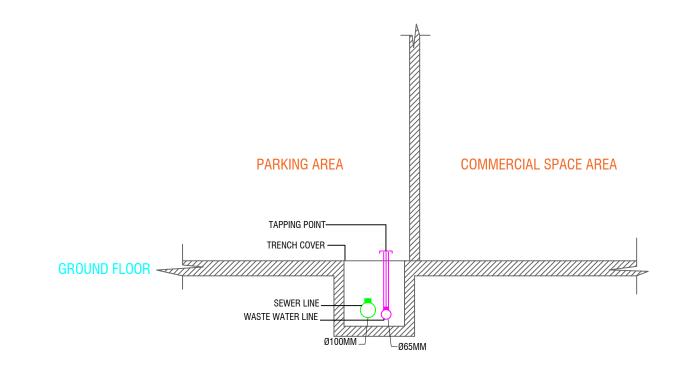
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Х	DD/MM/YYYY	Z	(REFORMATTED FEEDBACK FORM)

NAIL		SHEET CONTENT
YAMIN		
GEORGE		
NAME	_	
	_	
	YAMIN GEORGE	YAMIN GEORGE

SHEET	NO.





SEWER LINE WASTE WATER LINE

TRENCH / TAPPING POINT DETAIL





DESIGN AND DEVELOPMENT DEPARTMENT THIRD FLOOR, HOC BUILDING HULHUMALE' REPUBLIC OF MALDIVES TEL. +(960)335335, FAX +(960)3358892 EMAIL: designdevelopment@urbanco.mv

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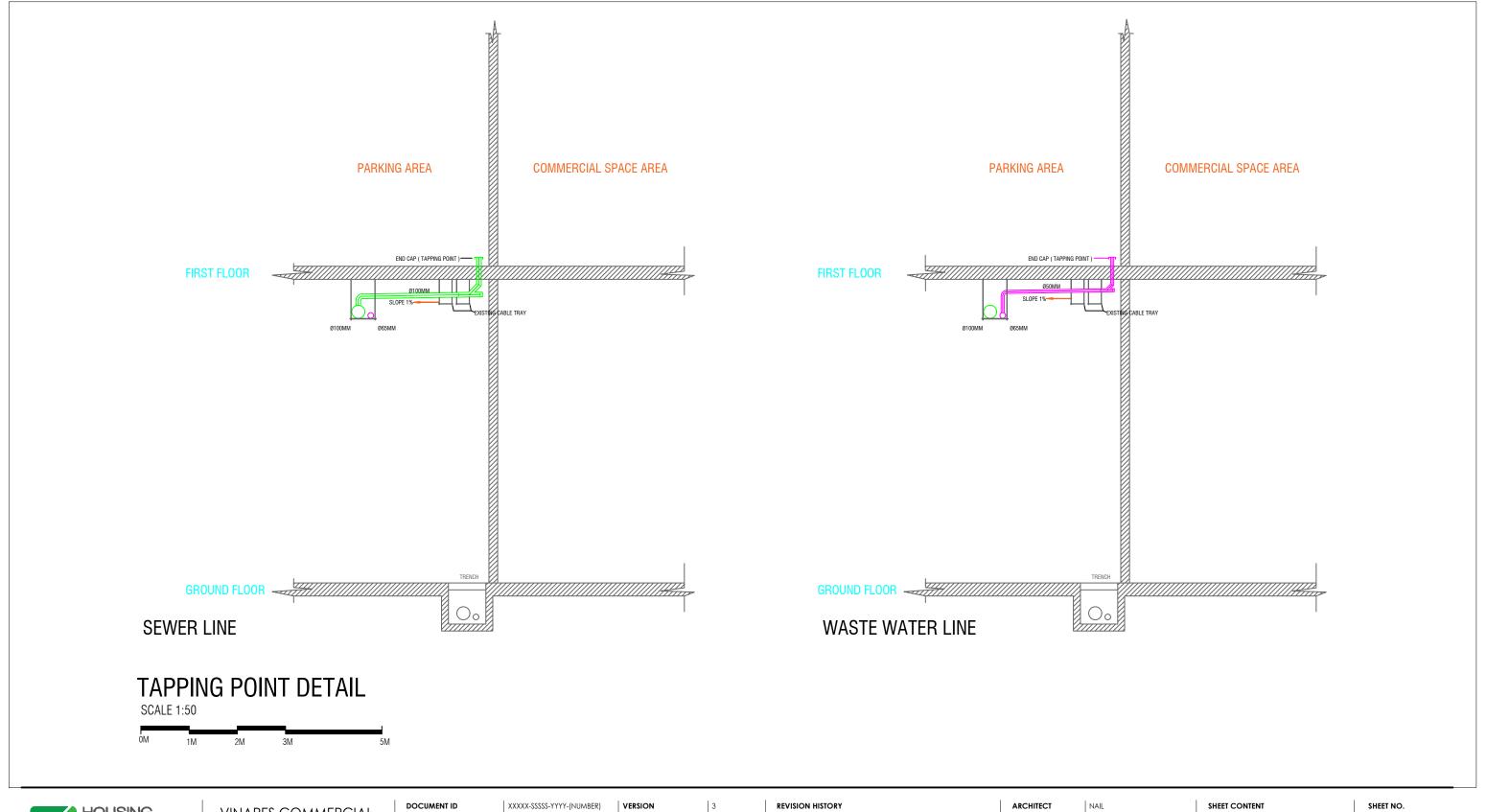
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APPROVED BY	MOHAMED YAMIN APPROVED DATE		16/07/2023
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STRUCTURAL ENG.	YAMIN	****
MECHANICAL ENG.	GEORGE	
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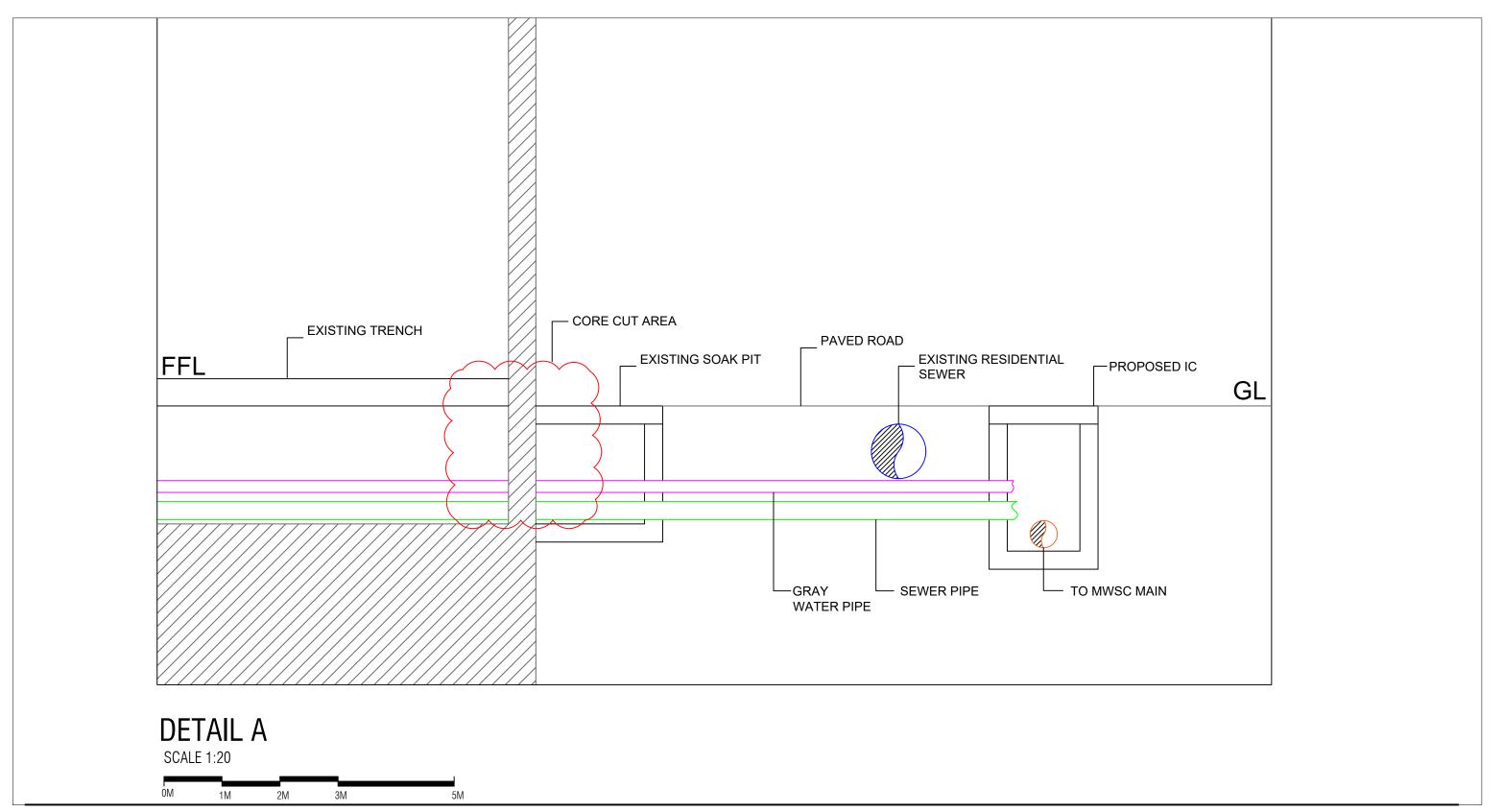
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