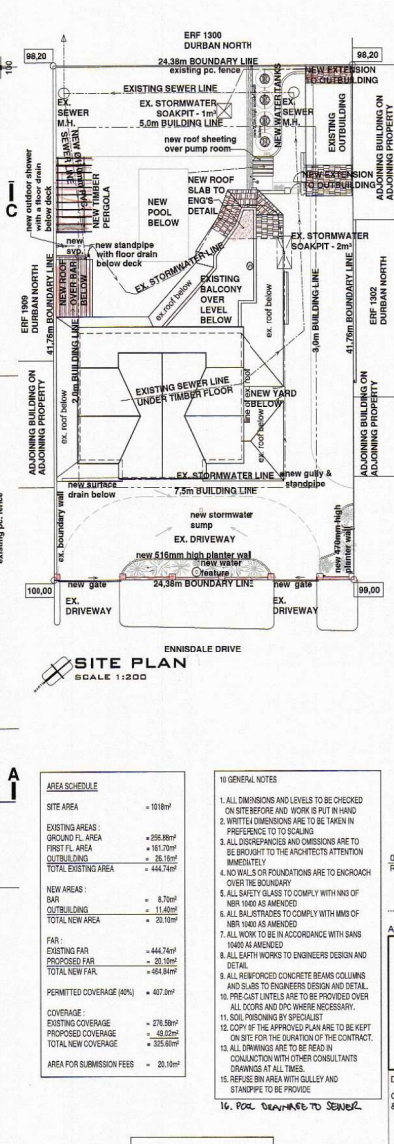
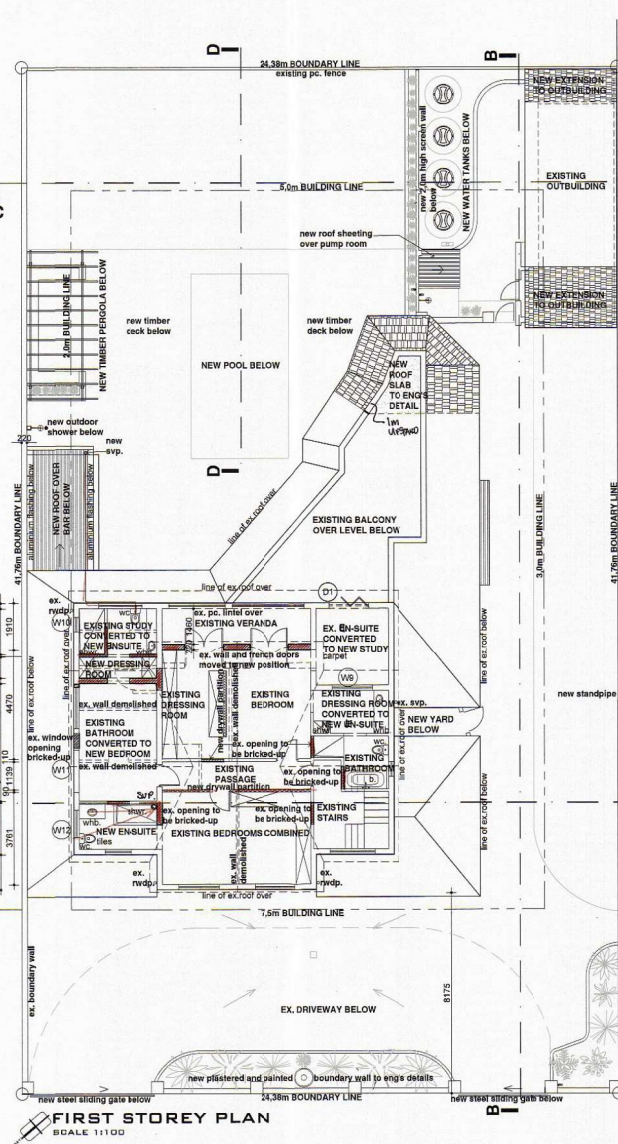
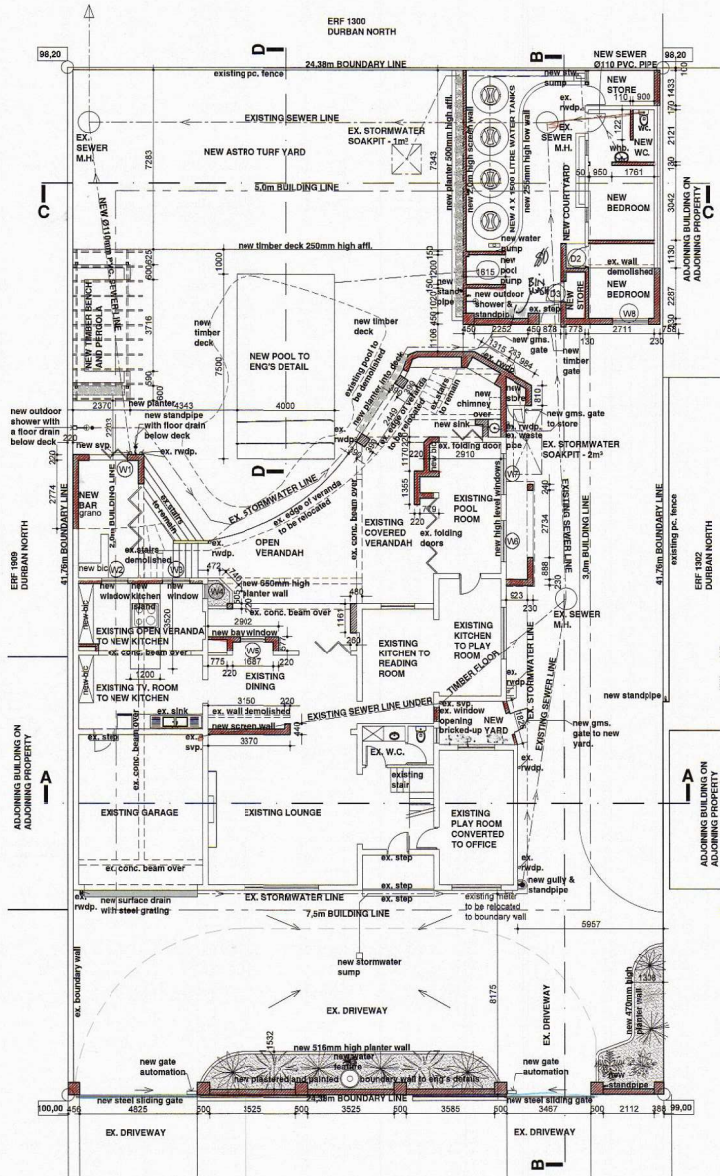


NOTES  
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SHEET 1/3 ONLINE-COPY  
E-THEKWINI MUNICIPALITY  
21010145  
APPLICATION NUMBER

**BUILDING APPLICATION**  
APPROVED in terms Section 7 of the National Building Regulations and Building Standards Act No. 103/1977  
9/02/21  
LOCAL AUTHORITY  
This plan is approved on the basis of the information shown herein. Attention is drawn to the attached documentation & that this approval shall lapse ONE year after the above approval date, unless the erection of the building in terms of NBR Act 103/1977 is commenced



**AREA SCHEDULE**

SITE AREA	+ 10181m <sup>2</sup>
EXISTING AREAS:	
GROUND FL. AREA	+ 256.89m <sup>2</sup>
FIRST FL. AREA	+ 161.70m <sup>2</sup>
OUTBUILDING	+ 38.16m <sup>2</sup>
TOTAL EXISTING AREA	+ 456.75m <sup>2</sup>
NEW AREAS:	
BAR	+ 8.70m <sup>2</sup>
OUTBUILDINGS	+ 11.40m <sup>2</sup>
TOTAL NEW AREA	+ 20.10m <sup>2</sup>
FAR:	
EXISTING FAR	+ 444.74m <sup>2</sup>
PROPOSED FAR	- 30.15m <sup>2</sup>
TOTAL NEW FAR	+ 484.84m <sup>2</sup>
PERMITTED COVERAGE (40%)	+ 407.20m <sup>2</sup>
COVERAGE:	
EXISTING COVERAGE	+ 276.59m <sup>2</sup>
PROPOSED COVERAGE	+ 43.20m <sup>2</sup>
TOTAL NEW COVERAGE	+ 325.60m <sup>2</sup>
AREA FOR SUBMISSION FEES	+ 20.10m <sup>2</sup>

- 10 GENERAL NOTES**
1. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE BEFORE AND WORK IS PUT IN HAND. PREFERENCE TO BE TAKEN IN PREFERENCE TO TO SCALING.
  2. WRITTEN DIMENSIONS ARE TO BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
  3. ALL CORNERPOSTS AND OMISSIONS ARE TO BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.
  4. NO WALLS OR FOUNDATIONS ARE TO ENCRUSH OVER THE BOUNDARY.
  5. ALL SAFETY GLASS TO COMPLY WITH SANS 10400 AS AMENDED.
  6. ALL BALUSTRADES TO COMPLY WITH SANS 10400 AS AMENDED.
  7. ALL WORK TO BE IN ACCORDANCE WITH SANS 10400 AS AMENDED.
  8. ALL LIGHT WORKS TO ENGINEERS DESIGN AND DETAIL.
  9. ALL REINFORCED CONCRETE BEAMS, COLUMNS AND SLABS TO ENGINEERS DESIGN AND DETAIL.
  10. PRE-CAST LINTELS ARE TO BE PROVIDED OVER ALL DOORS AND OPENINGS NECESSARY.
  11. SOIL PROVISIONS BY SPECIALIST.
  12. COPY OF THE APPROVED PLAN ARE TO BE KEPT ON SITE FOR THE DURATION OF THE CONTRACT.
  13. ALL DRAINAGES ARE TO BE READ IN CONJUNCTION WITH OTHER CONSULTANTS DRAWINGS AT ALL TIMES.
  14. REFER TO AREA WITH GALLEY AND STANDBE TO BE PROVIDED.
  15. REFER TO AREA WITH GALLEY AND STANDBE TO BE PROVIDED.
  16. POOL DRAINAGE TO SEWER.

00 XXXXXX  
REVISION DATE REVISION BY  
ARCHITECT (PR ARCH 7053) CLIENT

**SPHERE**  
DESIGN & ARCHITECTURE  
T-021 031 312 5103  
F-021 031 312 7183  
www.spheredesign.co.za  
office@spheredesign.co.za  
P.O. BOX 201052 DURBAN NORTH 4016  
PRACTICE CODE: TL 0228

DRAWING TITLE: 2020.02.18  
GROUND, FIRST STOREY PLANS & SITE PLAN  
AUTHOR: L.M.  
CHECKED: G.G.  
SCALE: 1:100 / 1:200

REGISTERED OWNER:  
MR. GARY ALLAN & MRS. JOLENE ANNE SMITH  
PROJECT TITLE:  
HOUSE SMITH  
PROPOSED ADDITIONS AND ALTERATIONS ON ERF 1298 OF THE FARM DURBAN NORTH BEING 2 ENNISDALE DRIVE, DURBAN NORTH

DRAWING NO:  
**20411\_S\_100\_REV 00**

OWNER	NAME	ADDRESS	SIGNATURE	ID
	BARBARA WINIFRED LONGMOUTH	39 ADELAIDE TAMBO DRIVE	<i>[Signature]</i>	3709070018083
	SHIRLEY DIANE WOOD	4 ENNISDALE DRIVE	<i>[Signature]</i>	400100070180
	JAMES DOUGLAS GATONBY	8 BROOKLANDS KEMBLANT	<i>[Signature]</i>	7507175037081
	MOLGAN NAIDOO	37 ADELAIDE TAMBO DRIVE	<i>[Signature]</i>	714105095027
	ROBERT FRASER	35 ADE LAIDE TAMBO DRIVE	<i>[Signature]</i>	5504075098084

**STORMWATER**  
ADDITIONAL ROOF AREA - 70m<sup>2</sup>  
1m<sup>3</sup> / 40m<sup>3</sup> ATTENUATION REQUIRED (1.75m)  
STORMWATER JUDO TANKS PROVIDE 6m<sup>3</sup> OF WATER STORAGE

XA : GUYSEK TO BE FITTED WITH 800 X 1000 PLANK, FOR SOIL COMPENSATION BACK TO EXISTING ORIGINAL SOIL PROFILE (EXISTING)



GENERAL NOTES:

- NO EXPOSED COPPER PIPES PERMITTED EXTERNALLY.
- ALL EXPOSED HOT WATER SUPPLY PIPES FROM THE SOURCE TO TAP SHALL BE INSULATED WITH 25mm ARMARFLEX OR SIMILAR APPROVED PIPE INSULATION.
- INSULATE ALL FLOW AND RETURN PIPING. COLD WATER SUPPLY PIPING WITHIN 1m OF THE CONNECTION TO THE HEATING SYSTEM AND PRESSURE RELIEF PIPING WITHIN 1m OF THE CONNECTION TO THE HEATING SYSTEM.
- HOT WATER STORAGE TANKS SHALL BE INSULATED WITH ARMARFLEX OR SIMILAR APPROVED PIPE INSULATION.
- CLASS 0 AND CLASS 1 COPPER PIPING SHALL NOT BE BENT OR FORMED OR INSTALLED UNDERGROUND. USE SOLDERED CAPILLARY FITTINGS WITH CLASS 0. USE COMPRESSION OR SOLDERED CAPILLARY FITTINGS WITH CLASS 1.
- PLASTICS PIPES ON HOT AND COLD SYSTEM SHALL NOT BE USED INSIDE BUILDINGS.
- HOT WATER SUPPLY TEMPERATURE TO BE MAX 60°C.
- THE WATER SUPPLY INSTALLATION SHALL COMPLY WITH SANS 10252-1:2012.
- PIPES AND PIPE FITTING MATERIAL SHALL COMPLY WITH 5.2 OF SANS 10252-1.
- TERMINAL WATER FITTINGS SHALL COMPLY WITH 5.3 OF SANS 10252-1.
- NON-TERMINAL FITTINGS AND COMPONENTS SHALL COMPLY WITH 5.4 OF SANS 10252-1.
- LAYOUT OF STORAGE TANKS SHALL COMPLY WITH 6.5 OF SANS 10252-1.
- LAYOUT OF PIPES SHALL COMPLY WITH 6.7 OF SANS 10252-1.
- PIPE SIZING SHALL COMPLY WITH 7.6 OF SANS 10252-1.
- CLEANING, INSPECTION, TESTING AND DISINFECTION OF THE WATER INSTALLATION SHALL BE CARRIED OUT IN COMPLIANCE WITH 9 OF SANS 10252-1.
- UNLESS OTHERWISE REQUIRED, THE HOT TAP SHALL ALWAYS BE SITUATED ON THE LEFT HAND SIDE AND THE HANDLE OF A SINGLE CONTROL MIXER SHALL BE POSITIONED TO THE LEFT FOR HOT WATER DISCHARGE.
- INSTALLATION TO BE CONDUCTED BY A PROFESSIONAL & REGISTERED PLUMBER. C.O.C TO BE SUBMITTED ON COMPLETION OF WATER INSTALLATION.
- ALL VALVES TO BE FULLY ACCESSIBLE FOR MAINTENANCE PURPOSES.
- ALL PIPES INSIDE BUILDING TO BE SANS APPROVED COPPER AND FLUSHED BEFORE CONNECTING ANY VALVES.

- ALL PIPES TO BE CHASED INTO WALLS WHERE POSSIBLE (EXCEPT INSIDE DUCTS OR GEYSER ROOMS).
- ALL BRASSWARE TO CONFORM WITH SANS 226/87 CLASS 1.
- ALL FITTINGS & VALVES TO BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- PIPE WORK TO BE INSTALLED IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS & SANS 0252. PROVISION MUST BE MADE FOR THERMAL EXPANSION AND THE PROPER ANCHORING OF PIPES.
- SERVICE COCKS MUST BE INSTALLED AT SUITABLE POSITIONS & ARCHITECT TO BE NOTIFIED OF SUCH POSITIONS.
- ANY CHANGE TO THE LAYOUT/FITTINGS TO BE APPROVED & RECORDED BY THE ARCHITECT.
- EXACT RUNS OF PIPES TO BE ESTABLISHED ON SITE. CHANGE IN LAYOUT/RITERS MAY AFFECT CALCULATION CRITERIA AND MUST BE APPROVED BY THE ENGINEER, PRIOR TO INSTALLATION.
- BALL-O-STOP VALVES TO BE INSTALLED AT EVERY WHB, SINK, PREP BOWL & WC CISTERN.
- FIT SAFETY (DRIP) TRAYS UNDER HOT WATER STORAGE TANKS.

WATER METER:

- THE WATER METER SHALL BE INSTALLED IN A SUITABLE LOCATION WHERE IT IS EASILY ACCESSIBLE AND MAINTAINABLE.
- THE INSTALLATION CONDITION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.
- PLASTIC WATER METERS SHALL NOT BE EXPOSED TO DIRECT SUNLIGHT AND SHALL BE FITTED IN A METER BOX OR ENCLOSURE.
- WATER METERS SHALL NOT BE INSTALLED IN TRAFFIC AREAS.
- PROVISION SHALL BE MADE FOR THE DRAINAGE OF WATER THAT MIGHT DISCHARGE FROM THE PIPE ON WHICH THE WATER METER IS TO BE INSTALLED.
- THE RELATION OF BOUNDARY TO METER SHOULD BE IN ACCORDANCE WITH THE LOCAL AUTHORITIES.

NOTES  
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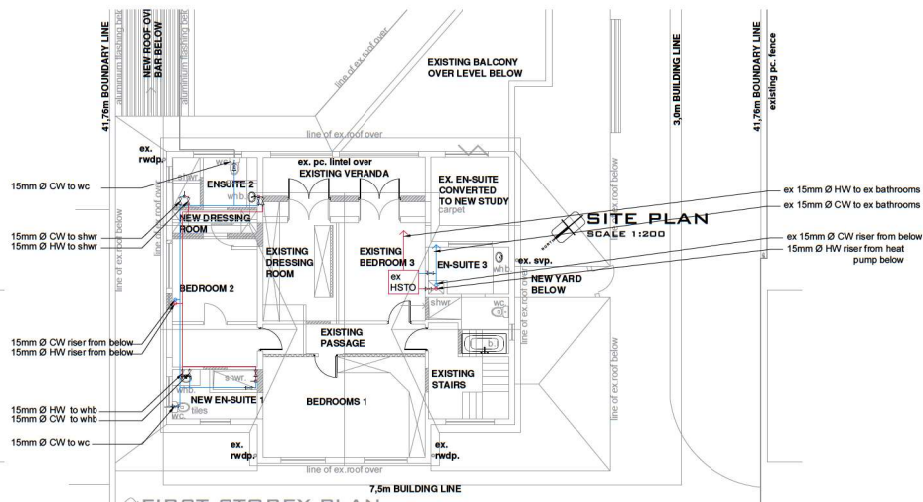
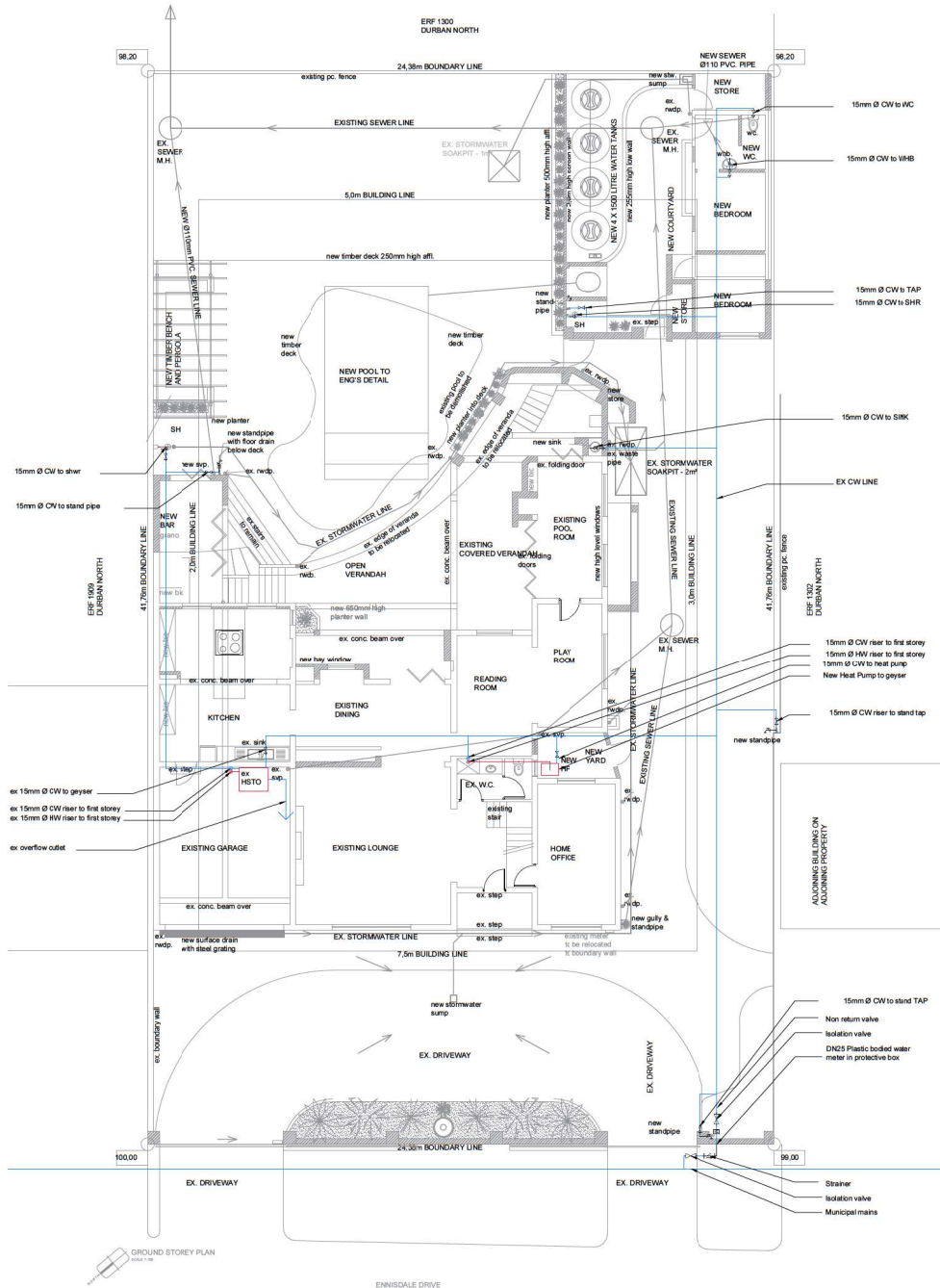
APPLICATION NUMBER

**BUILDING APPLICATION**  
APPROVED in terms Section 7 of the National Building Regulations and Building Standards Act No. 103/1977

9/02/21

LOCAL AUTHORITY

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**LEGEND**

	PRESSURE REDUCING VALVE
	STRAINER
	TAP (EXTERNAL)
	TAP (INTERNAL)
	STOPCOCK / GATE VALVE
	WATER METER
	COLD WATER SUPPLY PIPE & SIZE
	HOT WATER SUPPLY PIPE & SIZE
	MIXER (SINGLE MANUAL CONTROL, SINGLE LEVER)

00 XXXX REVISION  
YY MM DD DATE  
XX REVISION

ARCHITECT (PR ARCH 7063) CLIENT

**SPHERE**  
DESIGN & ARCHITECTURE

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F: +27 031 303 7293  
www.spheredesign.co.za  
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P.O. BOX 201052 DURBAN NORTH 4016  
PRACTICE CODE: TL 0238

DRAWING TITLE: GROUND, FIRST STOREY PLANS WATER RETICULATION  
DATE: 2020.09.28  
AUTHOR: L.M.  
CHECKED: G.G.  
SCALE: 1:100