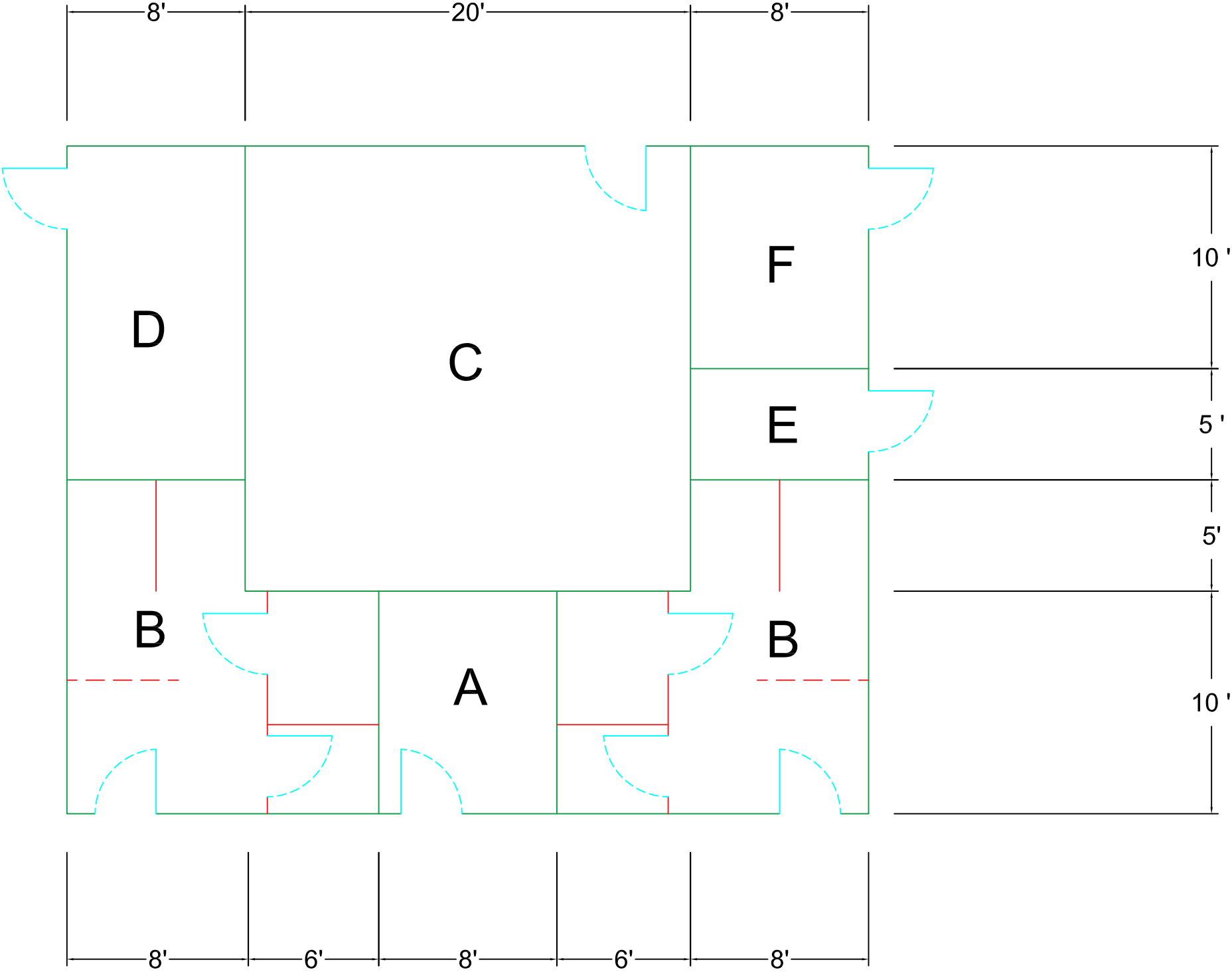


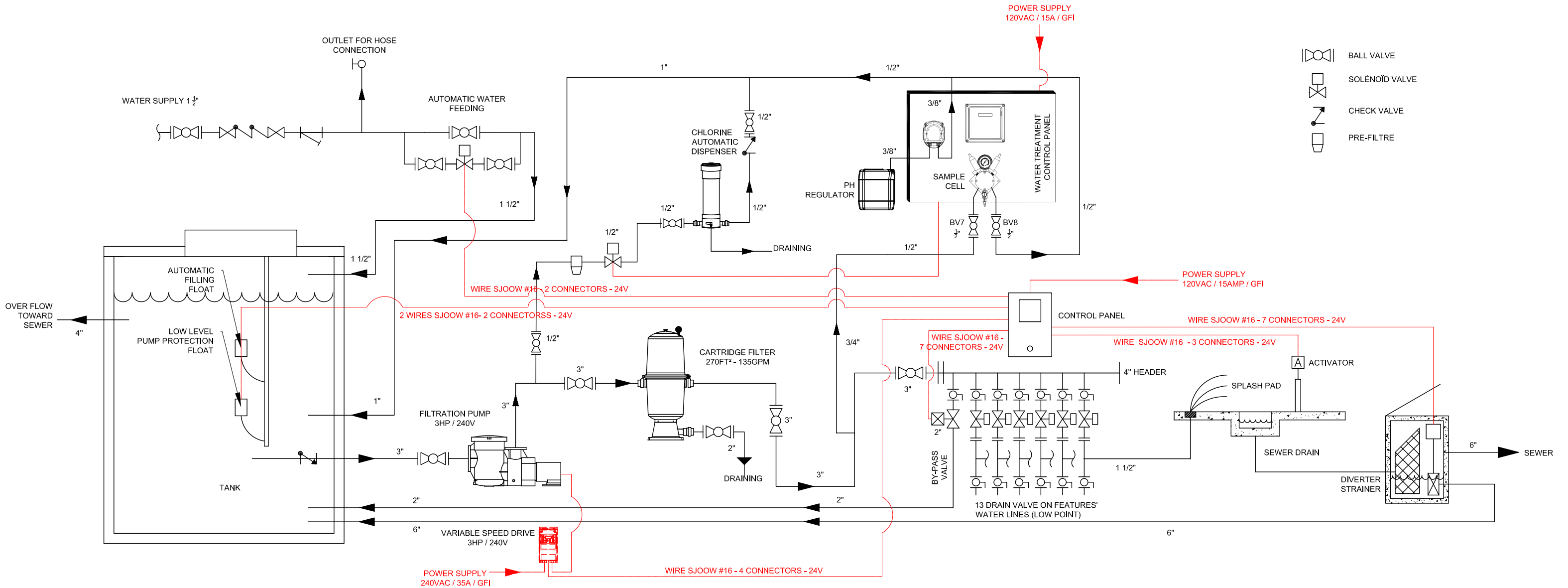
# INTERIOR ROOM DIMENSIONS

(WALL WIDTH NOT INCLUDED)

- A - ACCESSIBLE CHANGE: 10' x 8' = 80ft<sup>2</sup>
- B - CHANGE ROOM: 14' x 10' + 5' x 8' = 180ft<sup>2</sup>
- C - SPLASH PAD ROOM: 20' x 20' = 400ft<sup>2</sup>
- D - MECHANICAL ROOM: 15' x 8' = 40 ft<sup>2</sup>
- E - JANITOR ROOM: 5' x 8' = 40 ft<sup>2</sup>
- F - STORAGE ROOM: 10' x 8' = 80ft<sup>2</sup>



NOT FOR CONSTRUCTION  
PURPOSE



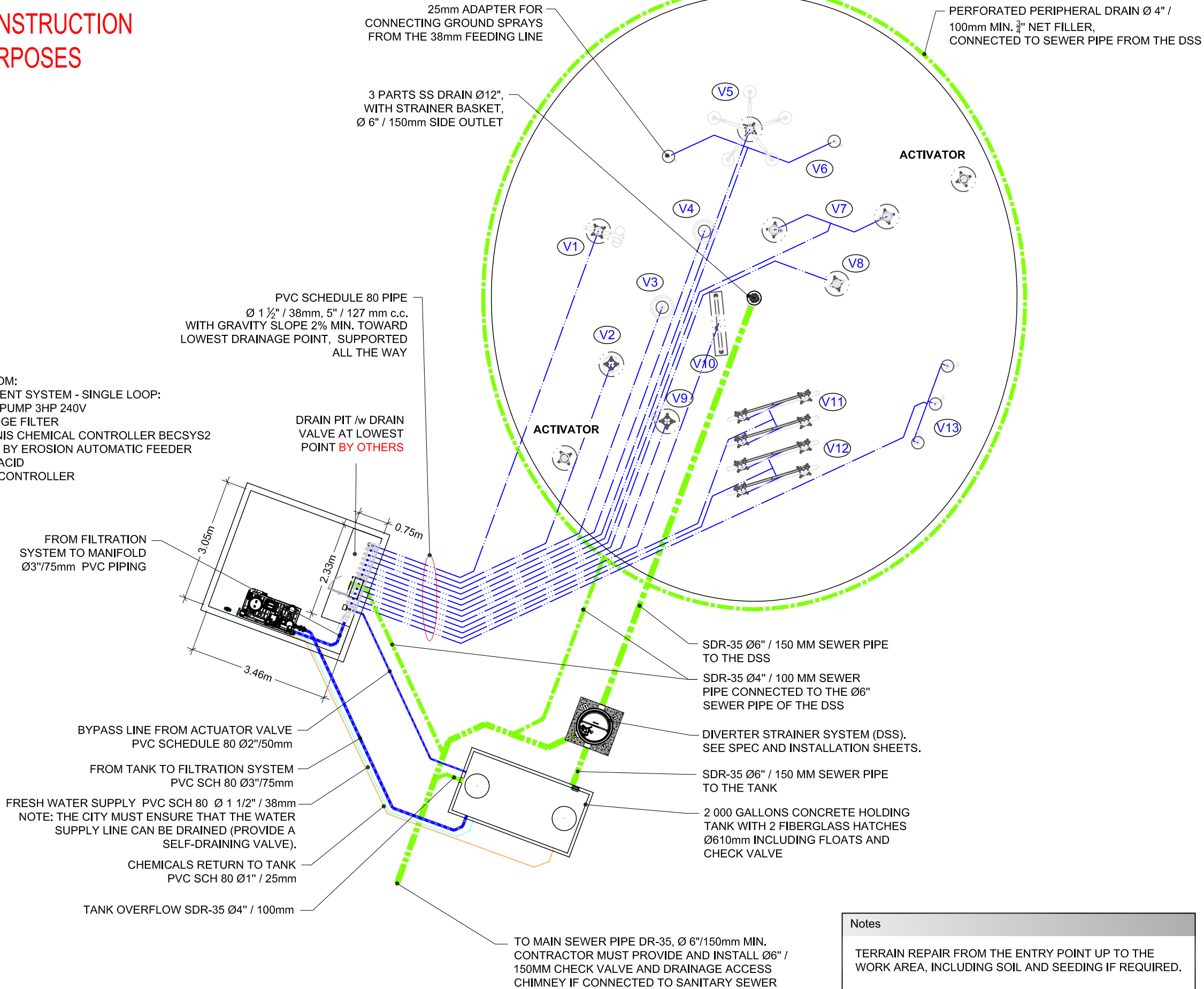
PIPING & CONTROL LINEAR SCHEMATIC  
WITH DIVERTER STRAINER SYSTEM AND 1 CARTRIDGE FILTER

Client Portugal Cove St. Philip's	
Project Splash Pad	
Title Piping and control schematic	
Drawn by DB	Checked by -
Date: 2/28/2023	Scale: 1:100 METRIC

FOR CONSTRUCTION  
PURPOSES



- MECHANICAL ROOM:
- WATER TREATMENT SYSTEM - SINGLE LOOP:
    - PRESSUR PUMP 3HP 240V
    - (1) CARTIDGE FILTER
    - ELECTRONIS CHEMICAL CONTROLLER BECSYS2
    - CHLORINE BY EROSION AUTOMATIC FEEDER
    - ORGANIC ACID
  - MANIFOLD AND CONTROLLER



Notes

- WATER SUPPLY Ø 1 1/2 " / 38mm  
SEWER CONNECTION Ø 6 " / 150mm
1. THIS IS A PRELIMINARY DIAGRAM, PIPING MUST BE VALIDATED ON SITE.
  2. PLAN BASED ON PIPING PVC 80, EXCEPT AS OTHERWISE INDICATED.
  3. FEEDING LINES MUST HAVE A GRAVITY SLOPE OF 2% MINIMUM TO DRAINAGE POINT (DRAIN VALVES) FOR WINTERIZATION AND MAINTENANCE. THIS MANHOLE MUST BE THE LOWEST POINT AND BE OUTSIDE THE CONCRETE SLAB.
  4. A Y-STRAINER AND DOUBLE CHECK VALVE WILL BE INSTALLED UPSTREAM FROM THE MECHANICAL ROOM, BY THE CLIENT.
  5. THE MECHANICAL ROOM MUST HAVE SECURE ACCESS EASILY ACCESSIBLE TO STAFF AND NOT TO THE PUBLIC.
  6. NOZZLES MUST BE ADJUSTED AT LOW PRESSURE (35 kPa / 5 PSI FOR GROUND NOZZLES) 83 kPa / 12 PSI FOR ABOVEGROUND STRUCTURES - TYPICAL)
  7. PRESSURE TESTS @ ± 345 KPa (50 PSI) SHOULD BE PERFORMED FOR 1 HOUR ON EACH LINE BEFORE CONNECTING THE COMPONENTS.

R1 23/05/16  
Issued For Construction

Client  
Portugal Cove St. Philip's

Project  
Splash Pad

Title  
Piping layout

Drawn by  
DB

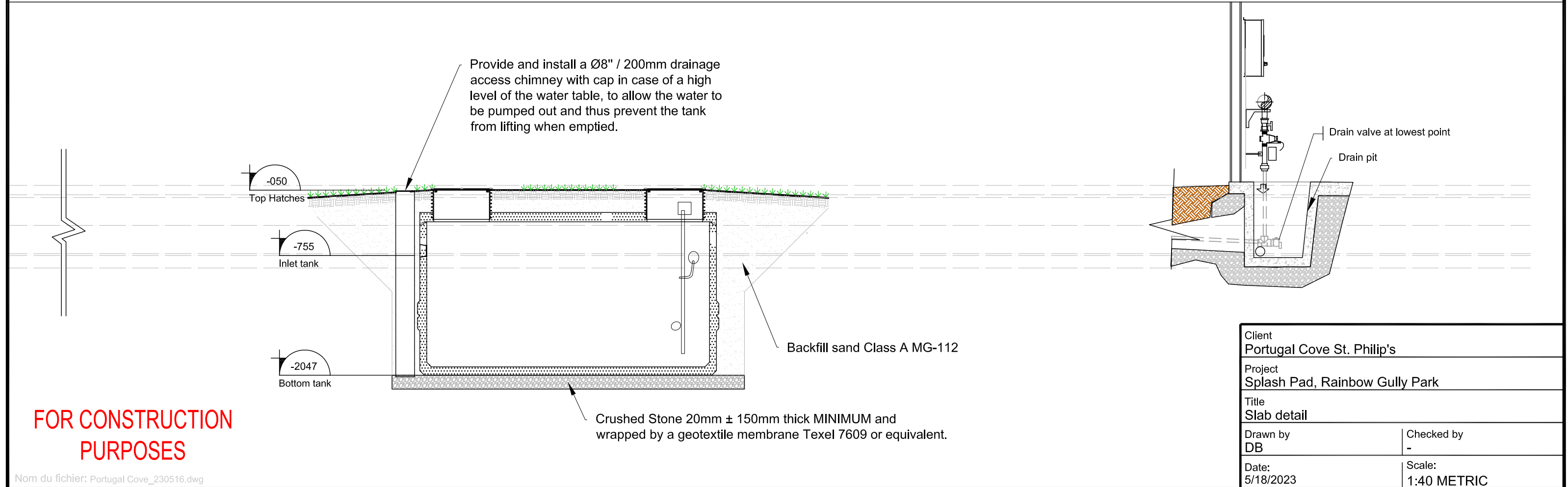
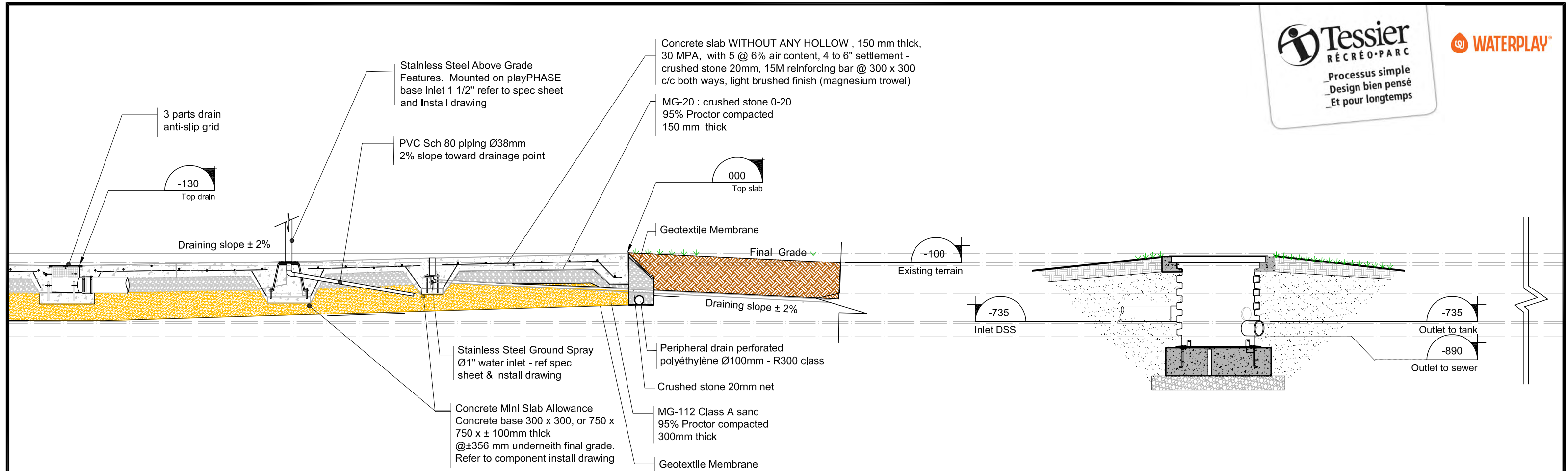
Checked by  
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Date:  
2/28/2023

Scale:  
1:100 METRIC

Notes

TERRAIN REPAIR FROM THE ENTRY POINT UP TO THE WORK AREA, INCLUDING SOIL AND SEEDING IF REQUIRED.





Notes

**FOR CONSTRUCTION  
PURPOSES**

Client Portugal Cove St. Philip's	
Project Splash Pad, Rainbow Gully Park	
Title Layout Plan	
Drawn by DB	Checked by -
Date: 16 mai 2023	Scale: 1:200 METRIC