



- LEGEND**
- 229.2  
+ SPOT ELEVATION
  - ⊗ TREE OR BUSH (NOT ALL SHOWN)
  - - - PROPERTY LINE (APPROX.)
  - PROPOSED RETAINING WALL
  - PROPOSED CAISSON (2.1 m Dia.)
  - ⊞ PROPOSED RIP-RAP (~400 TONNES)

- NOTES**
- ALL ELEVATIONS ARE IN METERS UNLESS OTHERWISE NOTED.
  - ENG-TECH SURVEYED PROPERTY ON APRIL 9, 2019 USING TOTAL STATION AND GPS SURVEY EQUIPMENT.
  - RIVER BOTTOM SOUNDINGS WERE OBTAINED FROM ENG-TECH FORMER REPORT CONDUCTED IN 2016.
  - F.P.L. = FLOOD PROTECTION LEVEL (232.46 m).
  - R.S.R.L = REGULATED SUMMER RIVER LEVEL (224.0 m).
  - U.W.R.L = UNREGULATED WINTER RIVER LEVEL (222.0 m).
  - CONTOUR INTERVAL = 0.5 m.
  - DECK AND TREES REMOVAL, TOPSOIL AND SEEDING BY LANDOWNER (AS NEEDED).

NO.	DATE	ISSUE / REVISION
2	Sept./2021	Revision
1	Aug./2020	Tender
0	Feb./2020	Report

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ENGINEERS  
GEOLOGISTS  
MANITOBA  
Certificate of Authorization  
ENG-TECH Consulting Limited  
No. 2475

CLIENT:  
CITY OF WINNIPEG

PROJECT:  
FLOOD PROTECTION DESIGN-  
820 CLOUTIER DRIVE, WINNIPEG,  
MANITOBA

DWG DESCRIPTION:  
PROPOSED CONSTRUCTION AND  
SECTION DETAILS

SCALE:  
AS SHOWN

DRAWN BY: WG DATE: SEPTEMBER 2021

FILE NO.: 16-217-04 CLIENT DWG/FIG. NO.:

ENG-TECH DWG/FIG. NO.: 3 NO.: 2