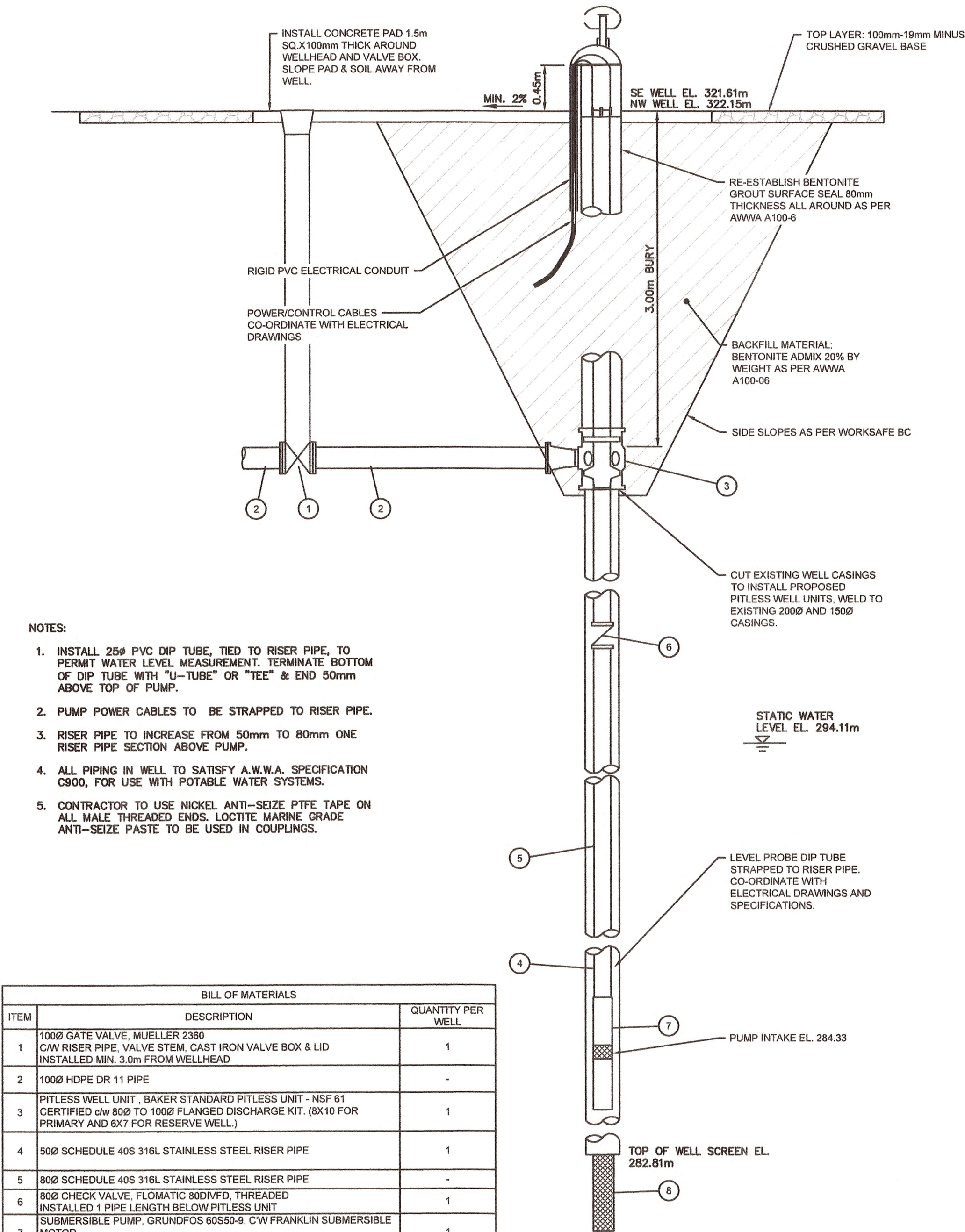


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GENERAL NOTES

1. ALL WORKS, MATERIALS AND TESTING SHALL BE IN ACCORDANCE WITH THE CURRENT ISSUE OF THE CANADIAN NATIONAL MASTER CONSTRUCTION SPECIFICATIONS (NMS) AND THE B.C. PLUMBING CODE. ALL TESTING SHALL BE PERFORMED BY A CERTIFIED TESTING COMPANY AT EXPENSE TO THE CONTRACTOR.
2. CHANGES TO THE DESIGN MUST BE APPROVED IN WRITING BY THE DEPARTMENTAL REPRESENTATIVE. FAILURE TO NOTIFY THE DEPARTMENTAL REPRESENTATIVE IN ADVANCE OF CHANGES MAY RESULT IN REJECTION OF WORK.
3. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENTAL REPRESENTATIVE A MINIMUM OF 48 HOURS PRIOR TO REQUIRED INSPECTIONS INCLUDING, BUT NOT LIMITED TO THE FOLLOWING:
  - A. MOBILIZATION
  - B. DURING PUMP INSTALLATION & CONNECTION
  - C. TESTING OF ALL UTILITIES
  - D. AFTER COMPLETION OF ALL WORK

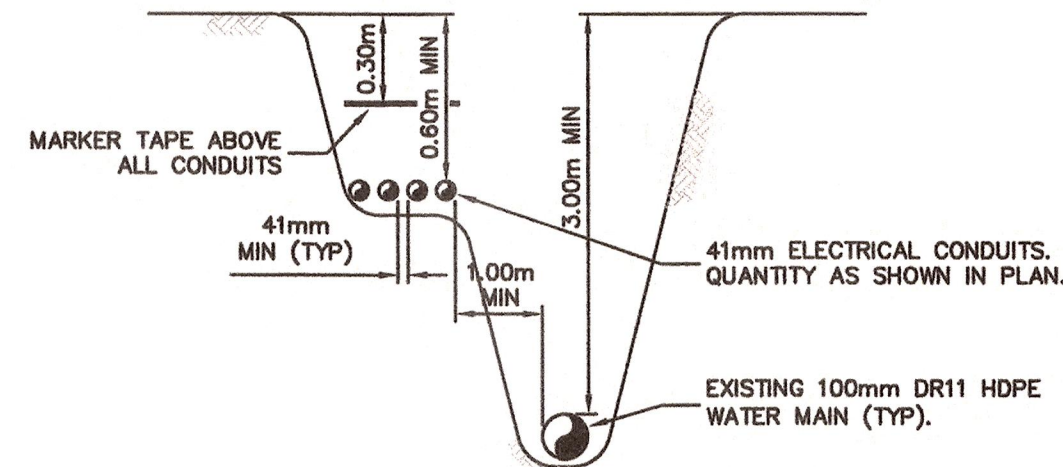


NOTES:

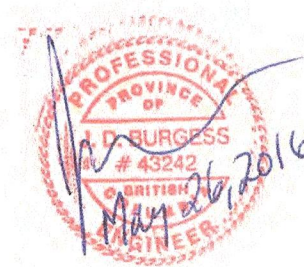
1. INSTALL 25# PVC DIP TUBE, TIED TO RISER PIPE, TO PERMIT WATER LEVEL MEASUREMENT. TERMINATE BOTTOM OF DIP TUBE WITH "U-TUBE" OR "TEE" & END 50mm ABOVE TOP OF PUMP.
2. PUMP POWER CABLES TO BE STRAPPED TO RISER PIPE.
3. RISER PIPE TO INCREASE FROM 50mm TO 80mm ONE RISER PIPE SECTION ABOVE PUMP.
4. ALL PIPING IN WELL TO SATISFY A.W.W.A. SPECIFICATION C900, FOR USE WITH POTABLE WATER SYSTEMS.
5. CONTRACTOR TO USE NICKEL ANTI-SEIZE PTFE TAPE ON ALL MALE THREADED ENDS. LOCTITE MARINE GRADE ANTI-SEIZE PASTE TO BE USED IN COUPLINGS.

BILL OF MATERIALS		
ITEM	DESCRIPTION	QUANTITY PER WELL
1	1000 GATE VALVE, MUELLER 2360 C/W RISER PIPE, VALVE STEM, CAST IRON VALVE BOX & LID INSTALLED MIN. 3.0m FROM WELLHEAD	1
2	1000 HDPE DR 11 PIPE	-
3	PITLESS WELL UNIT, BAKER STANDARD PITLESS UNIT - NSF 61 CERTIFIED c/w 800 TO 1000 FLANGED DISCHARGE KIT, (6X10 FOR PRIMARY AND 6X7 FOR RESERVE WELL.)	1
4	500 SCHEDULE 40S 316L STAINLESS STEEL RISER PIPE	1
5	800 SCHEDULE 40S 316L STAINLESS STEEL RISER PIPE	-
6	800 CHECK VALVE, FLOMATIC 80DIV/D, THREADED INSTALLED 1 PIPE LENGTH BELOW PITLESS UNIT	1
7	SUBMERSIBLE PUMP, GRUNDFOS 60550-8, C/W FRANKLIN SUBMERSIBLE MOTOR. REFER TO ELECTRICAL AND MECHANICAL SPECIFICATIONS	1
8	WELL SCREEN (EXISTING)	-

TYPICAL PROPOSED PITLESS WELL  
N.T.S.



TYPICAL EXISTING WATERMAIN  
AND ELECTRICAL DUCTING TRENCH  
N.T.S.



Revision/	Description/Description	Date/Date
3	ISSUED FOR TENDER	2016/05/20
2	90% COMPLETE - ISSUED FOR REVIEW	2016/05/03
1	60% COMPLETE - ISSUED FOR REVIEW	2016/01/20

Client/client	
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PUBLIC WORKS AND  
GOVERNMENT SERVICES  
CANADA

Project title/Titre du projet

GLACIER NATIONAL PARK  
WATER SOURCE CONVERSION

Consultant Signature Only

WEDLER ENGINEERING LLP

Designed by/Concept par

JDB

Drawn by/Dessine par

DBB

PWGSC Project Manager/Administrateur de Projets TFSGC

TOM DUNPHY

Regional Manager, Architectural and Engineering Services

Gestionnaire régionale, Services d'architectural et de génie, TFSGC

PREETIPAL PAUL

Drawing title/Titre du dessin

TYPICAL DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./ La Révision no.
R.076550.001	C02	3

