Municipality of the County of Parrsboro

Well No. 5 Development

Tender No. T-MCC-2001

ADDENDUM No. 1

February 4, 2020

(To be added to and made part of the Tender Documents)
The following changes or modifications shall be made to the Tender Documents:

TO THE SPECIFICATIONS

SECTION 00 21 10 – INFORMATION TO TENDERERS

Page 1, within clause 2, delete lines 12 and 13 and replace with the following:

"up until **2:00 p.m.**, local time, on **February 7, 2020** hereinafter referred to as the Tender Closing."

SECTION 33 20 00 WELL PUMP & ACCESSORIES

Page 3, delete subsection 2.1.1 and replace with the following:

.1 Supply and install a well pump, compatible with 3 phase, 600 volt power, and all accessories.

TO THE DRAWINGS

DRAWING C01 - WELL FIELD SITE PLAN EXISTING CONDITIONS

Replace Drawing C01 with the attached Drawing C01 – Well Field Site Plan Existing dated February 4, 2020, attached.

DRAWING C02 - WELL FIELD SITE PLAN PROPOSED CONDITIONS

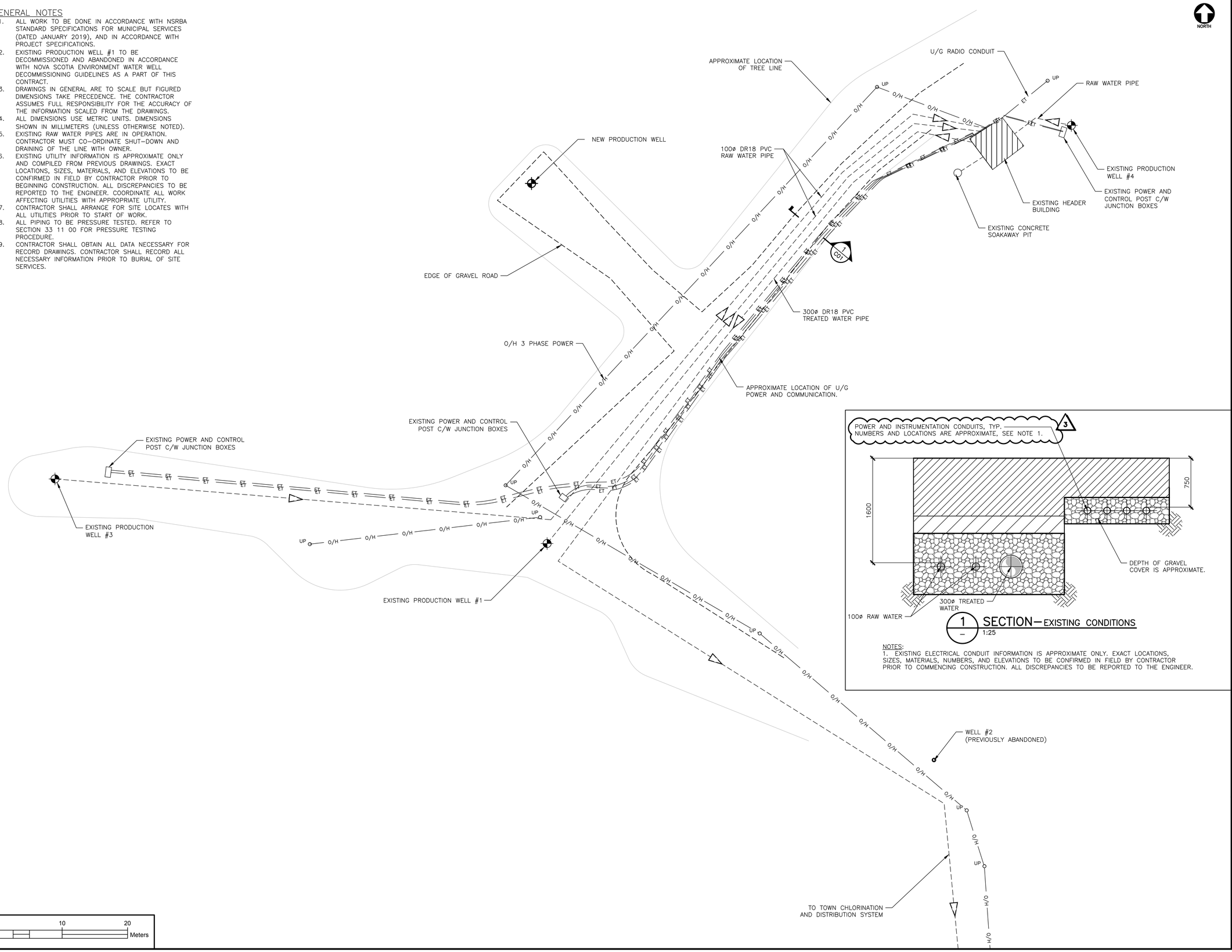
Replace Drawing C02 with the attached Drawing C02 – Well Field Site Plan Proposed Conditions dated February 4, 2020, attached.

DRAWING C03 - WELL FIELD DETAILS

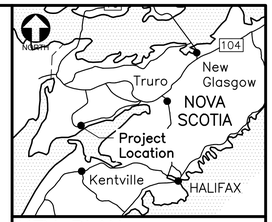
Replace Drawing C03 with the attached Drawing C03 – Well Field Details dated February 4, 2020, attached.

GENERAL NOTES

1. ALL WORK TO BE DONE IN ACCORDANCE WITH NSRBA STANDARD SPECIFICATIONS FOR MUNICIPAL SERVICES (DATED JANUARY 2019), AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
2. EXISTING PRODUCTION WELL #1 TO BE DECOMMISSIONED AND ABANDONED IN ACCORDANCE WITH NOVA SCOTIA ENVIRONMENT WATER WELL DECOMMISSIONING GUIDELINES AS A PART OF THIS CONTRACT.
3. DRAWINGS IN GENERAL ARE TO SCALE BUT FIGURED DIMENSIONS TAKE PRECEDENCE. THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION SCALED FROM THE DRAWINGS.
4. ALL DIMENSIONS USE METRIC UNITS. DIMENSIONS SHOWN IN MILLIMETERS (UNLESS OTHERWISE NOTED).
5. EXISTING RAW WATER PIPES ARE IN OPERATION. CONTRACTOR MUST CO-ORDINATE SHUT-DOWN AND DRAINING OF THE LINE WITH OWNER.
6. EXISTING UTILITY INFORMATION IS APPROXIMATE ONLY AND COMPILED FROM PREVIOUS DRAWINGS. EXACT LOCATIONS, SIZES, MATERIALS, AND ELEVATIONS TO BE CONFIRMED IN FIELD BY CONTRACTOR PRIOR TO BEGINNING CONSTRUCTION. ALL DISCREPANCIES TO BE REPORTED TO THE ENGINEER. COORDINATE ALL WORK AFFECTING UTILITIES WITH APPROPRIATE UTILITY.
7. CONTRACTOR SHALL ARRANGE FOR SITE LOCATES WITH ALL UTILITIES PRIOR TO START OF WORK.
8. ALL PIPING TO BE PRESSURE TESTED. REFER TO SECTION 33 11 00 FOR PRESSURE TESTING PROCEDURE.
9. CONTRACTOR SHALL OBTAIN ALL DATA NECESSARY FOR RECORD DRAWINGS. CONTRACTOR SHALL RECORD ALL NECESSARY INFORMATION PRIOR TO BURIAL OF SITE SERVICES.



NOTES:
1. EXISTING ELECTRICAL CONDUIT INFORMATION IS APPROXIMATE ONLY. EXACT LOCATIONS, SIZES, MATERIALS, NUMBERS, AND ELEVATIONS TO BE CONFIRMED IN FIELD BY CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. ALL DISCREPANCIES TO BE REPORTED TO THE ENGINEER.



KEY PLAN
NOT TO SCALE

LEGEND
- WATERMAIN (EX.)
- O/H — OVERHEAD POWER LINE (EX.)
- ET — UNDERGROUND POWER (EX.)
- ROAD RIGHT OF WAY
- APPROXIMATE TREELINE
- EXISTING HEADER BUILDING
- EXISTING/PROPOSED WELL
- UP — UTILITY POLE (EX.)

No.	Description	Date	By
3	ISSUED FOR ADDENDUM 1	04/02/20	AE
2	ISSUED FOR TENDER	16/01/20	AE
1	ISSUED FOR REVIEW	04/12/19	AE

Revision or Issue

MUNICIPALITY OF THE COUNTY OF COMBERLAND
PARRSBORO–WELL No.5 DEVELOPMENT

CIVIL

WELL FIELD SITE PLAN

EXISTING CONDITIONS

CBCL LIMITED
Consulting Engineers

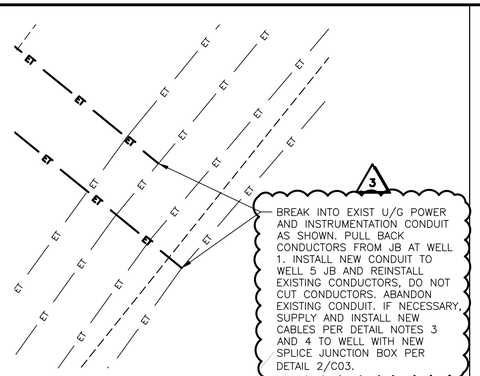
CBCL No	Contract No	Date	Scale
190841.01	T-MCC-2001	04/12/19	1:250

Designed	Drawn
AE	AE
Checked	Approved
AB	AB

Sheet No 1 of 3

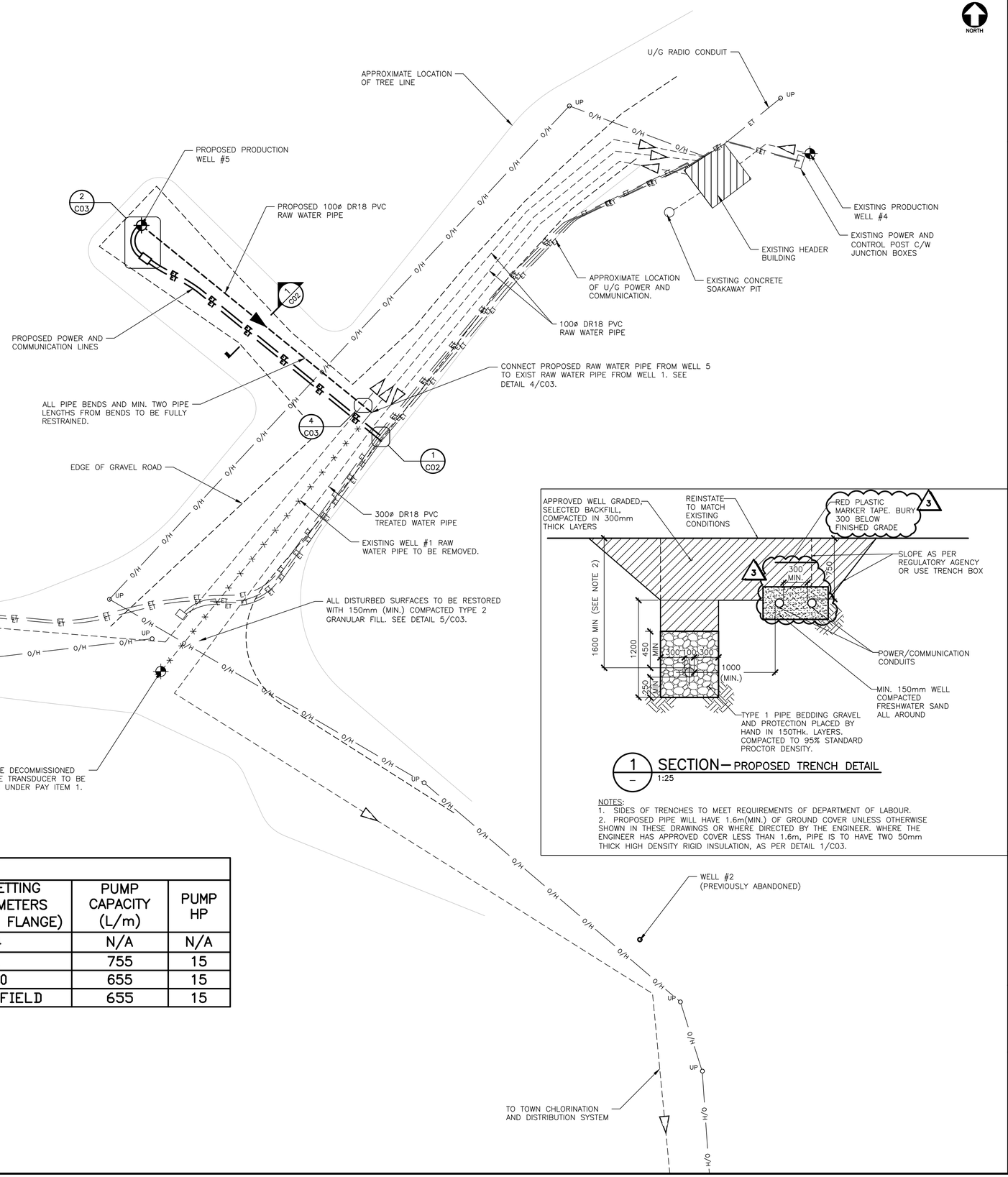
Drawing No **C01**

DRAWING NAME: I:\HALIFAX\DATA\PROJECTS\190841.01 PARRSBORO WELL DEVELOPMENT\20 CAD\01 CIVIL\04 DRAWING SHEETS\190841.01 PARRSBORO WELL SITE.DWG LAYOUT NAME: C01 PLOT DATE: February-04-20 9:12:26 AM CAD OPERATOR: ADHERNHOLZ



1 / C02 **DETAIL– CONDUIT CONNECTION**
1:20

NOTES
1. CONTRACTOR TO CONFIRM CONDUITS TO BREAK INTO BEFORE COMMENCING CONSTRUCTION. CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING.
2. CONTRACTOR IS TO PROTECT CONDUCTORS FROM DAMAGE. ANY DAMAGED CONDUCTORS TO BE REPLACED AT CONTRACTOR'S EXPENSE.
3. FOR POWER, USE 3x1C #6AWG RW90 + #8AWG BOND IN UNDERGROUND CONDUIT TO WELL No. 5.
4. FOR INSTRUMENTATION, USE 2pr#16AWG CIC CABLE (SHIELDED TWISTED PAIRS) IN UNDERGROUND CONDUIT TO WELL No. 5.
5. UNDERGROUND CABLE SPLICES ARE NOT PERMITTED.



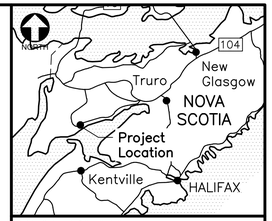
1 / – **SECTION– PROPOSED TRENCH DETAIL**
1:25

NOTES:
1. SIDES OF TRENCHES TO MEET REQUIREMENTS OF DEPARTMENT OF LABOUR.
2. PROPOSED PIPE WILL HAVE 1.6m(MIN.) OF GROUND COVER UNLESS OTHERWISE SHOWN IN THESE DRAWINGS OR WHERE DIRECTED BY THE ENGINEER. WHERE THE ENGINEER HAS APPROVED COVER LESS THAN 1.6m, PIPE IS TO HAVE TWO 50mm THICK HIGH DENSITY RIGID INSULATION, AS PER DETAIL 1/C03.

PUMP INFORMATION

WELL	DEPTH (m)	UPPER CASING DIA. (mm)	LOWER CASING DIA. (mm)	PUMP SETTING (DEPTH, METERS BELOW TOP FLANGE)	PUMP CAPACITY (L/m)	PUMP HP
1	18.4	150	–	9.4	N/A	N/A
3	29.3	250	200	22	755	15
4	18.0	200	200	10.70	655	15
5	14.3	200	200	TBD IN FIELD	655	15

1:250 0 10 20 Meters



KEY PLAN
NOT TO SCALE

LEGEND
- WATERMAIN (EX.)
- WATERMAIN (PR.)
- O/H — OVERHEAD POWER LINE (EX.)
- ET — UNDERGROUND POWER (EX.)
- ET — UNDERGROUND POWER (PR.)
- WATERMAIN (TO BE REMOVED)
- ROAD RIGHT OF WAY
- APPROXIMATE TREELINE
- EXISTING HEADER BUILDING
- EXISTING/PROPOSED WELL
- UP — UTILITY POLE (EX.)

NOTES
1. CONTRACTOR WILL NOT BE PAID FOR ANY EXCAVATION OUTSIDE OF THE TRENCH AS SHOWN IN SECTION 1.
2. PRESSURE TRANSDUCER FOR WELL No. 5 TO BE RELOCATED FROM WELL No. 1.
3. USE UPGRADED WELL No. 1 STARTER FOR NEW WELL No. 5 IN EXISTING SURFLINE PUMP CONTROL PANEL (STARTER REPLACEMENT AND PANEL MODIFICATIONS BY OTHERS). SET OVERLOAD TRIP SETTING PER CEC TO MATCH WELL No. 5 MOTOR AMPERAGE.

No.	Description	Date	By
3	ISSUED FOR ADDENDUM 1	04/02/20	AE
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Revision or Issue

MUNICIPALITY OF THE COUNTY OF CUMBERLAND
PARRSBORO–WELL No.5 DEVELOPMENT

CIVIL

WELL FIELD SITE PLAN

PROPOSED CONDITION

CBCL LIMITED
Consulting Engineers

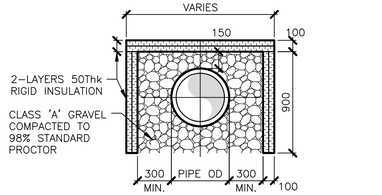
CBCL No	Contract No	Date	Scale
190841.01	T–MCC–2001	04/12/19	1:250

Designed	Drawn
AE	AG
Checked	Approved
AB	AB

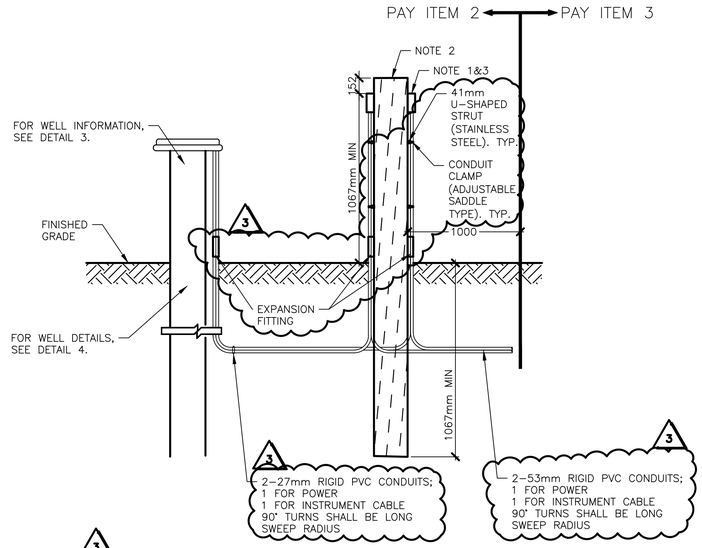
Sheet No 2 of 3

Drawing No **C02**

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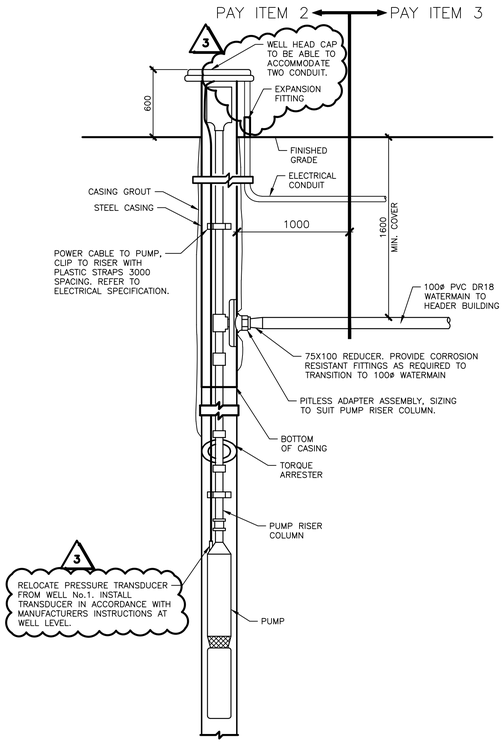
1 — DETAIL—PIPE INSULATION
1:25 (WHERE COVER LESS THAN 1.60m)



3

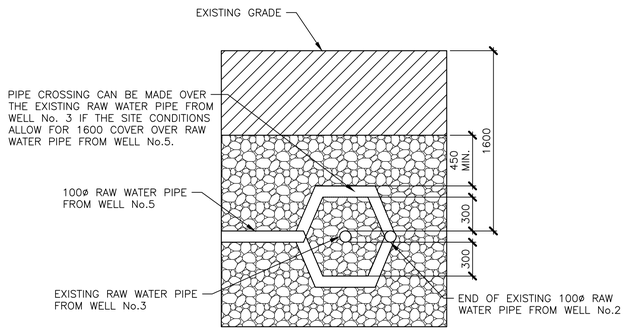
NOTES:
1. 150x150x100JUNCTION BOX; NEMA4X.
2. 152mm X 152mm TREATED TIMBER. CUT TOP OF POST AT 45° ANGLE.
3. SPLICE CABLES IN JUNCTION BOX. USE MECHANICAL COMPRESSION CONNECTORS FOR THE SPLICES AND WRAP WITH INSULATION TAPE. INSTALL HEAT SHRINK OVER THE SPLICES.
4. DO NOT SPLICE CABLES WITHIN WELLS.
5. POWER SPLICE CONNECTORS TO BE TIN–PLATED CRIMP TYPE COMPRESSION CONNECTORS.

2 — DETAIL—TYPICAL WELLHEAD AND JUNCTION BOX DETAIL
1:25

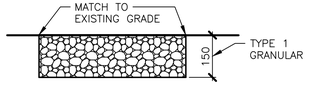


NOTES:
1. ELEVATIONS/DEPTHS OF PUMP AND SENSORS TO BE PROVIDED DURING SHOP DRAWINGS.

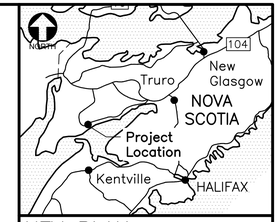
3 — DETAIL—WELL PUMP No.5 INSTALLATION
1:25



4 — DETAIL—CONNECTION TO EXISTING MAIN
1:25



5 — DETAIL—GRAVEL AREA REINSTATEMENT
1:10



KEY PLAN
NOT TO SCALE

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Revision or Issue

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PARRSBORO–WELL No.5 DEVELOPMENT

CIVIL

WELL FIELD DETAILS

CBCL LIMITED
Consulting Engineers

CBCL No	Contract No	Date	Scale
190841.01	T–MCC–2001	04/12/19	AS SHOWN

Designed	Drawn
AE	AG
Checked	Approved
AB	AB

Sheet No 3 of 3

Drawing No C03

DRAWING NAME: Y:\HALIFAX\DATA\PROJECTS\190841.01 PARRSBORO WELL DEVELOPMENT\20 CAD\01 CIVIL\04 DRAWING SHEETS\190841.01 PARRSBORO WELL SITE.DWG LAYOUT NAME: C03 PLOT DATE: February-04-20 9:10:02 AM CAD OPERATOR: ADHERNOLZ