MOSHER ENGINEERING LTD.

Document Transmittal 186-71

Electronic Copy

Trow Associates Inc.

154 Colonnade Road South Ottawa, ON K2E7J5

Attention: Stephen Douglas Ph: (613) 225-9940

Fax:(613) 225-7337

Date Submitted:
December 23, 2010

Project Title:

Sanikiluaq New Water Truck Fill Station

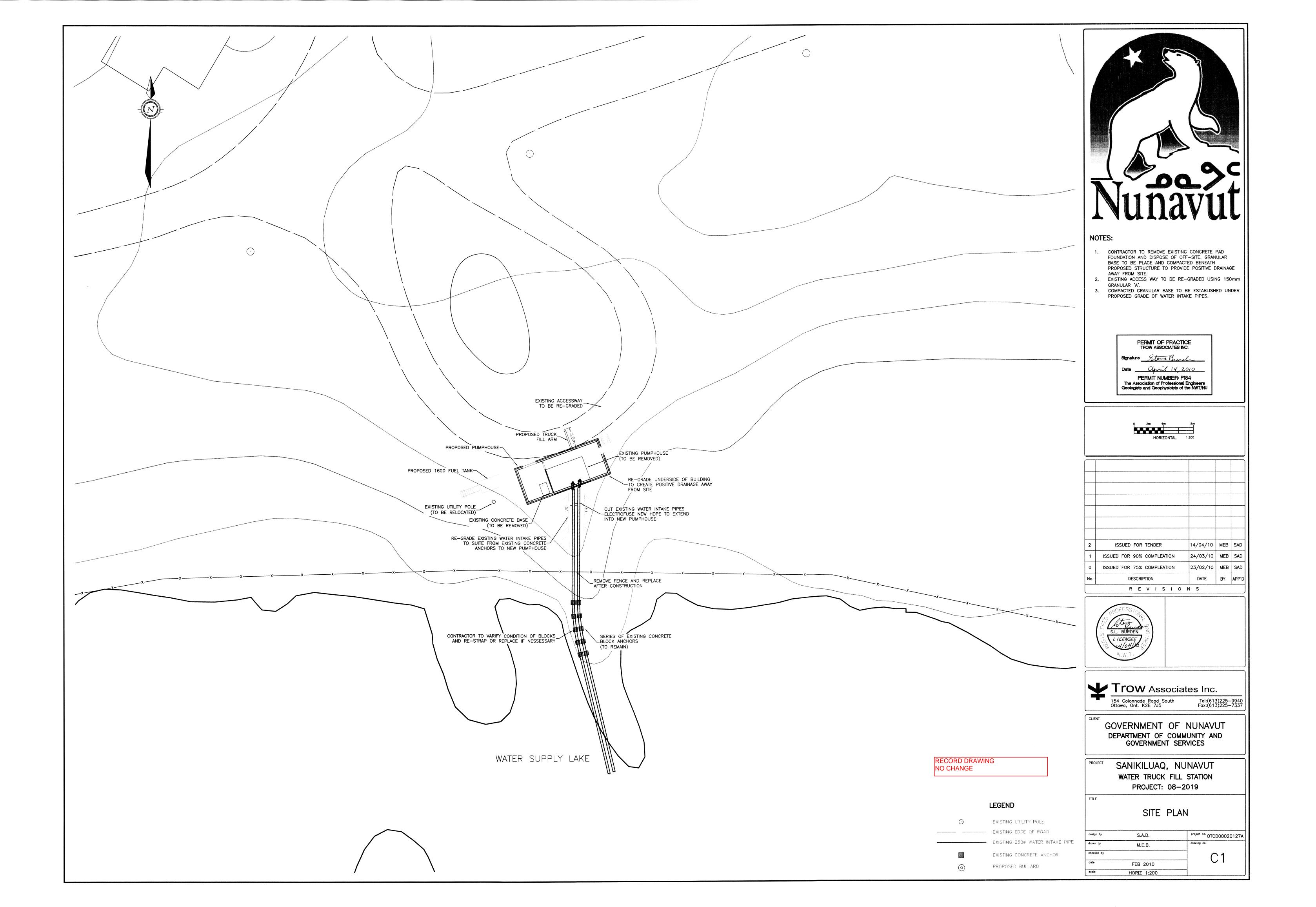
Contractor:

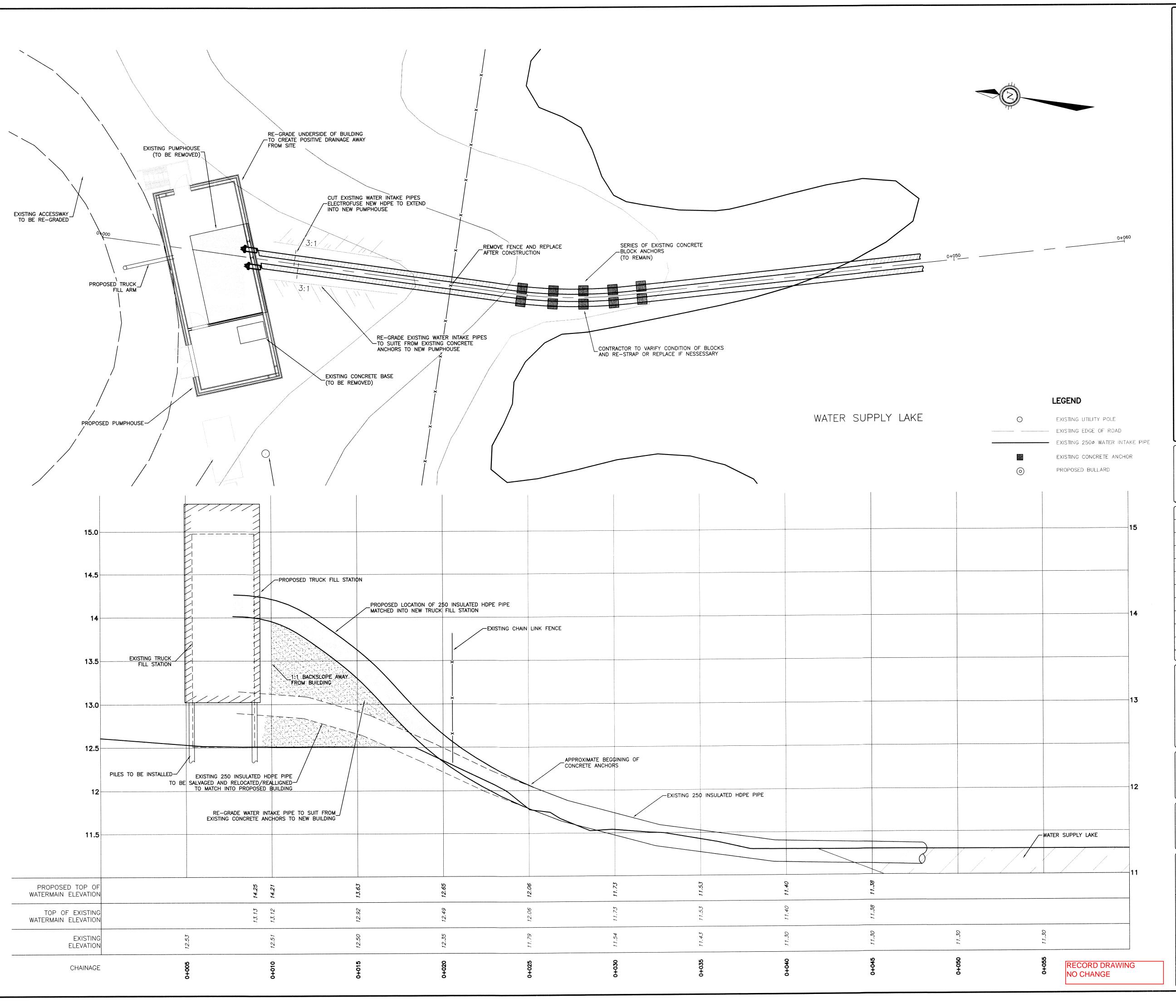
Mosher Engineering Ltd. 1869 Upper Water Street Suite AH202, Halifax, NS B3J 1S9

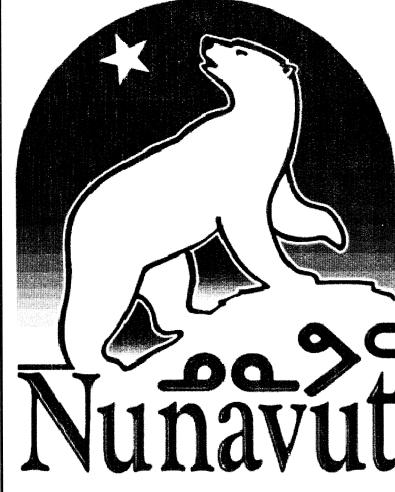
Tel: (902) 429-0272 Fax: (902) 429-7762 Contact: Marc Losier

DESCRIPTION	Section or Drawing	# of Sheets
Record Drawing Civil		4

Comments:







NOTES:

- . CONTRACTOR TO REMOVE EXISTING CONCRETE PAD FOUNDATION AND DISPOSE OF OFF—SITE. GRANULAR BASE TO BE PLACE AND COMPACTED BENEATH PROPOSED STRUCTURE TO PROVIDE POSITIVE DRAINAGE
- AWAY FROM SITE.
 2. EXISTING ACCESS WAY TO BE RE-GRADED USING 150mm
- GRANULAR 'A'.

 COMPACTED GRANULAR BASE TO BE ESTABLISHED UNDER

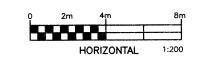
 PROPOSED GRADE OF WATER INTAKE PIPES.

PERMIT OF PRACTICE
TROW ASSOCIATES INC.

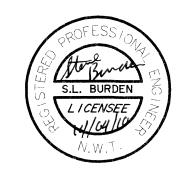
Signature Streets Conclusion

Date Cynil 14 7000

PERMIT NUMBER: P184
The Association of Professional Engineers
Geologists and Geophysicists of the NWT/NU



2 ISSUED FOR TENDER 14/04/10 MEB SAD
1 ISSUED FOR 90% COMPLEATION 24/03/10 MEB SAD
0 ISSUED FOR 75% COMPLEATION 23/02/10 MEB SAD
No. DESCRIPTION DATE BY APP'D
R E V I S I O N S



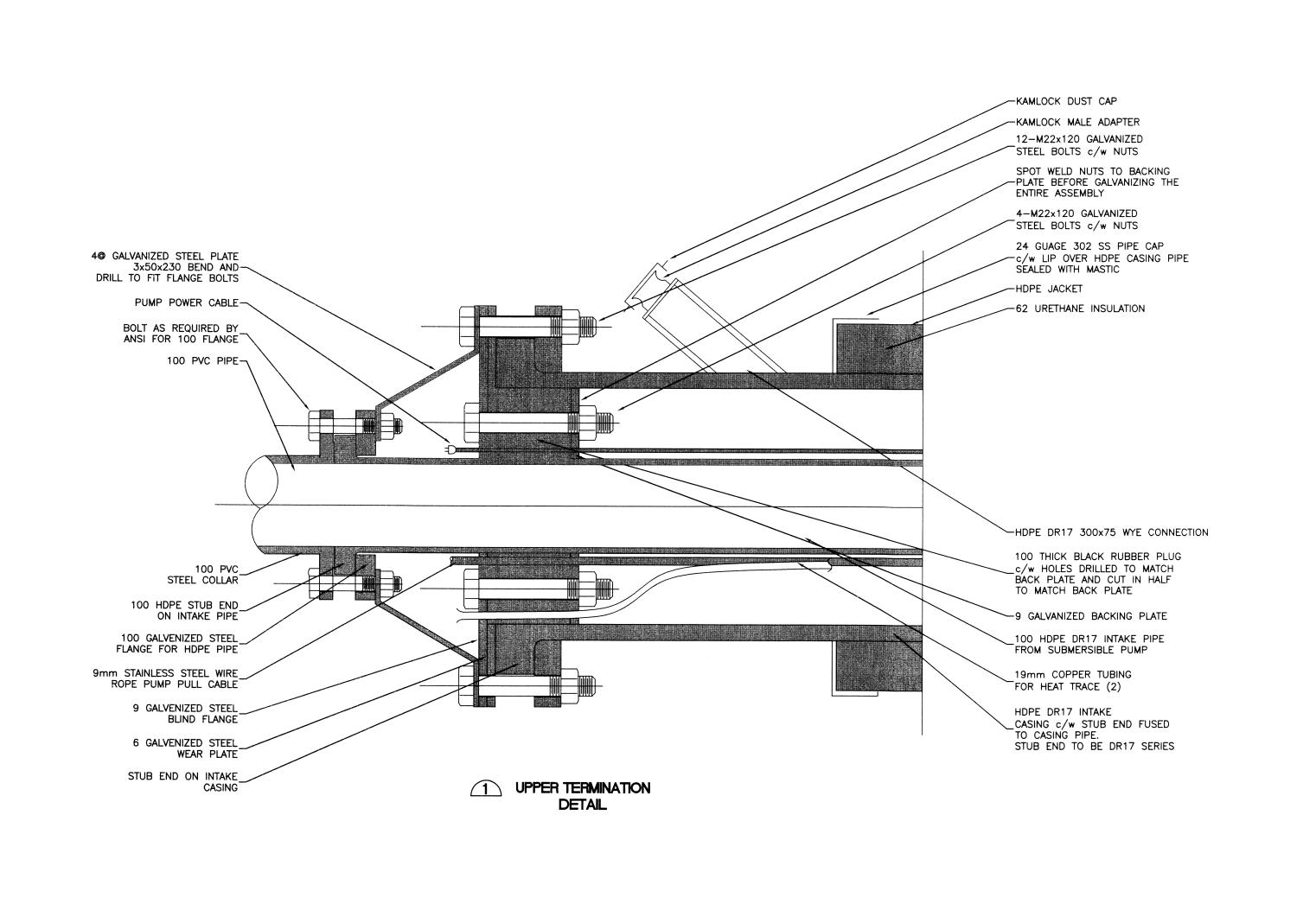


GOVERNMENT OF NUNAVUT
DEPARTMENT OF COMMUNITY AND
GOVERNMENT SERVICES

WATER TRUCK FILL STATION
PROJECT: 08-2019

PLAN & PROFILE STA. 0+000 TO STA. 0+050

design by	S.A.D.	project no. OTCD00020127A
drawn by	M.E.B.	drawing no.
checked by		C2
date	FEB 2010	
scale	HORIZ 1:200	



-HDPE DR17 JACKET

TEMPERATURE SENSOR_CABLE IN Ø19 NYLON TUBING

PUMP POWER CABLE

SS BANDING STRAP_ EVERY 1m LENGTH

9 SS WIRE ROPE___ PUMP PULL CABLE

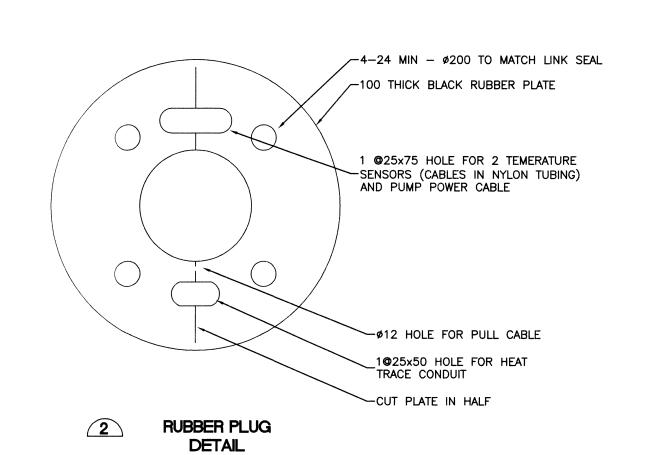
4 UPPER TERMINATION

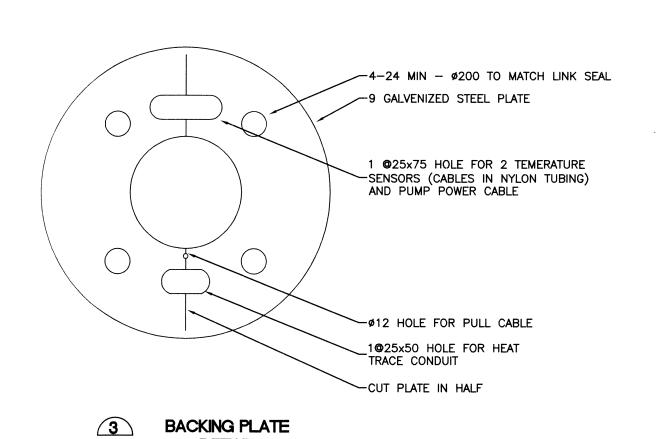
√62 URETHANE INSULATION

__ø19 COPPER CONDUIT FOR HEAT TRACE CABLE

- Ø250 HDPE DR17 CASING PIPE

ÿ100 HDPE DR17 INTAKE PIPE





DETAIL

_TO MATCH STANDARD FLANGE PATTERN

1@25x75 HOLE FOR 2 TEMPERATURE
SENSORS (CABLES IN NYLON TUBING)
AND PUMP POWER CABLE

-4-24 MIN -Ø200 TO MATCH LINK SEAL

OUTSIDE DIAMETER OF BACKING PLATE AND RUBBER PLUG

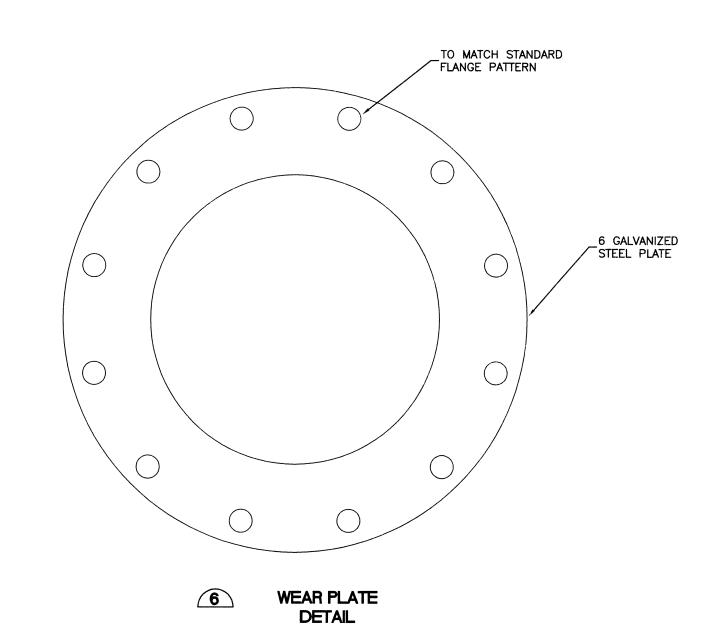
/-9 GALVENIZED STEEL PLATE

─ø12 HOLE FOR PULL CABLE

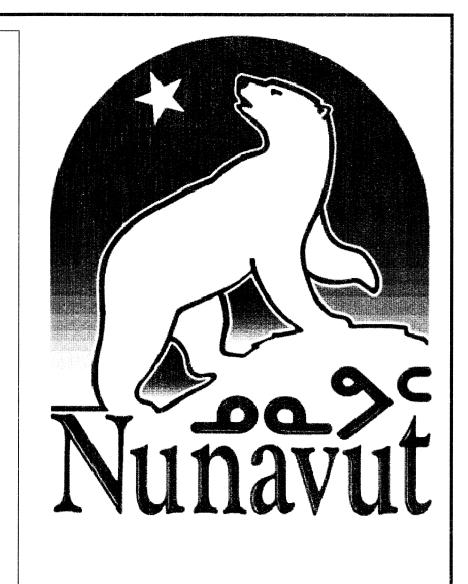
__1@25x50 HOLE FOR HEAT TRACE CONDUIT

CUT PLATE IN HALF

BLIND FLANGE DETAIL

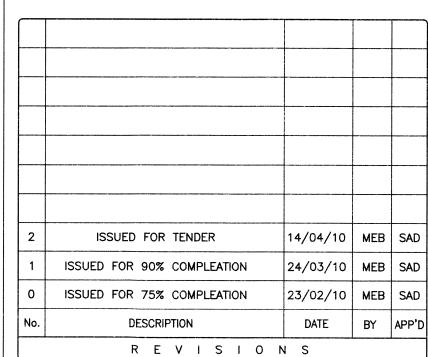


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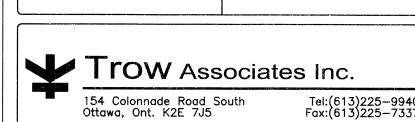


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Signature Standard Condition of Professional Engineers
Geologists and Geophysicists of the NWT/NU





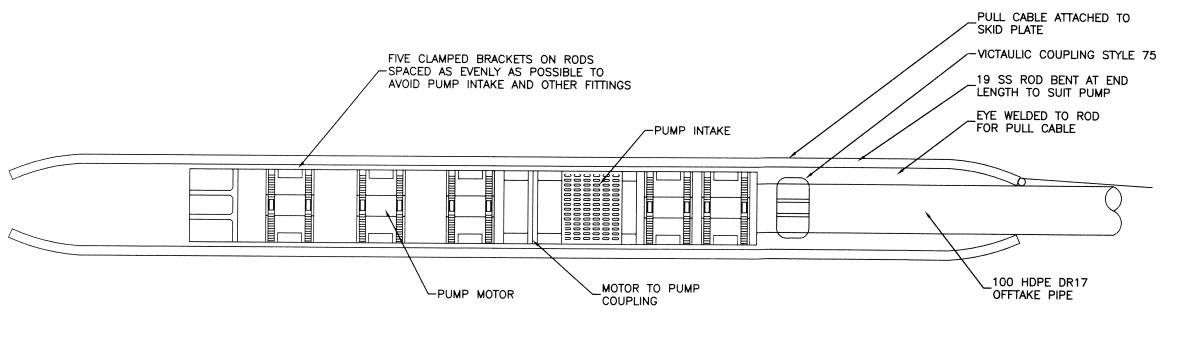


GOVERNMENT OF NUNAVUT
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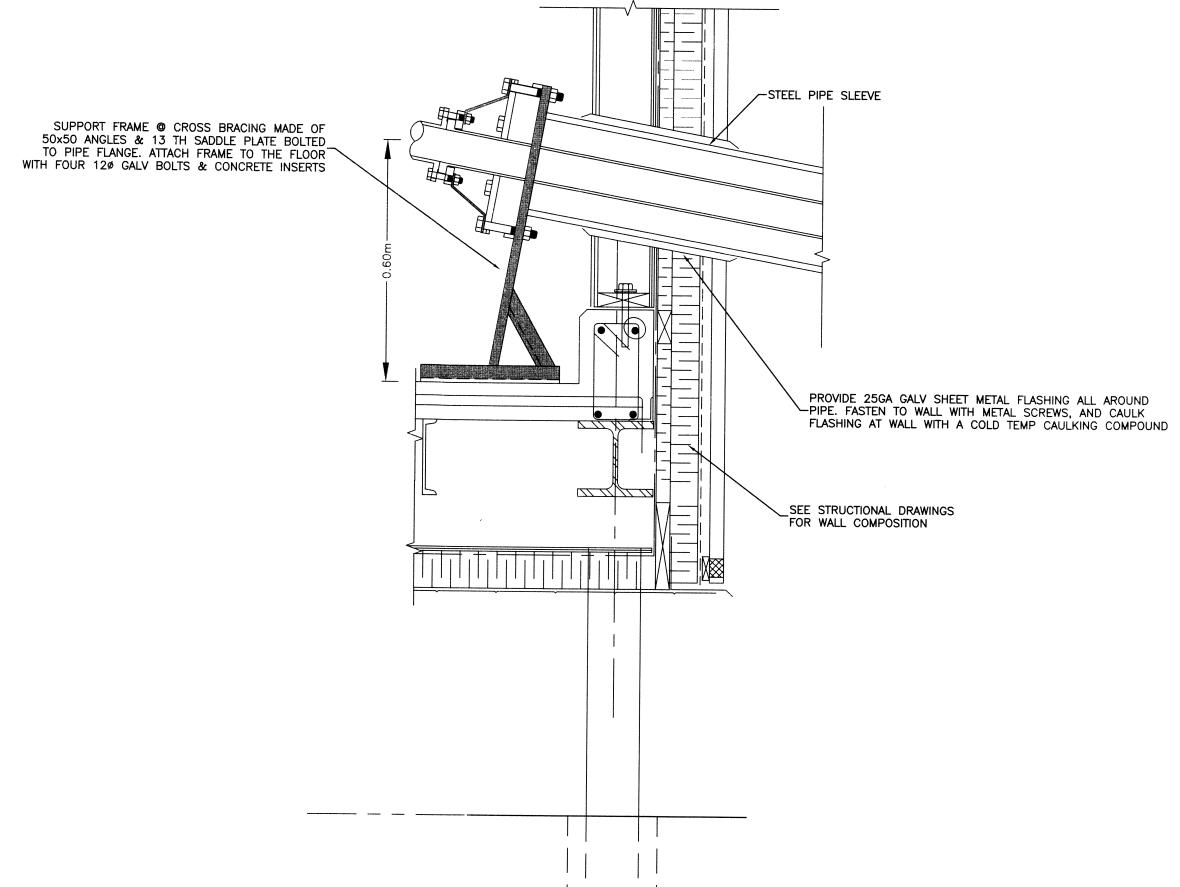
SANIKILUAQ, NUNAVUT
WATER TRUCK FILL STATION
PROJECT: 08-2019

DETAILS

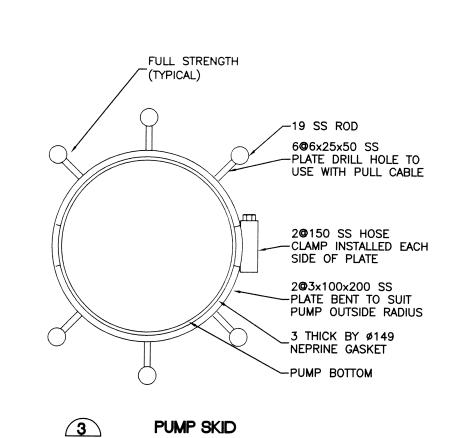
design by	S.A.D.	project no. OTCD00020127
drawn by	M.E.B.	drawing no.
checked by		C_{3}
date	FEB 2010	
scale		



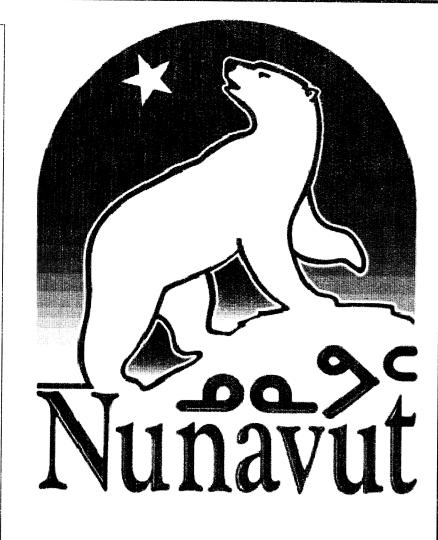
2 PUMP SKID DETAIL







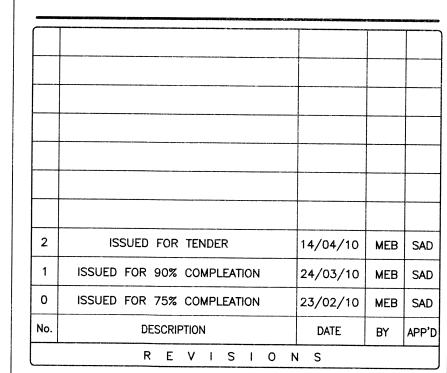
SECTION

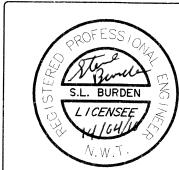


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Signature

Sig







GOVERNMENT OF NUNAVUT
DEPARTMENT OF COMMUNITY AND
GOVERNMENT SERVICES

SANIKILUAQ, NUNAVUT
WATER TRUCK FILL STATION
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DETAILS

design by S.A.D. project no. OTCD00020127A drawn by M.E.B. drawing no.

FEB 2010

RECORD DRAWING NO CHANGE