

Infrastructure & Operations

REQUEST FOR CONSTRUCTION

Lantz Wastewater Infrastructure Replacement
RFC50584
Addendum 3

Release date: June 14, 2023

Tenders will be received up to
2:00:00 pm local time on Friday, June 16, 2023

Contact: Michael Hatfield
Procurement Officer
Municipality of East Hants
Telephone: (902) 883-6232
Email: mhatfield@easthants.ca



EAST HANTS
We live it!

PREFACE

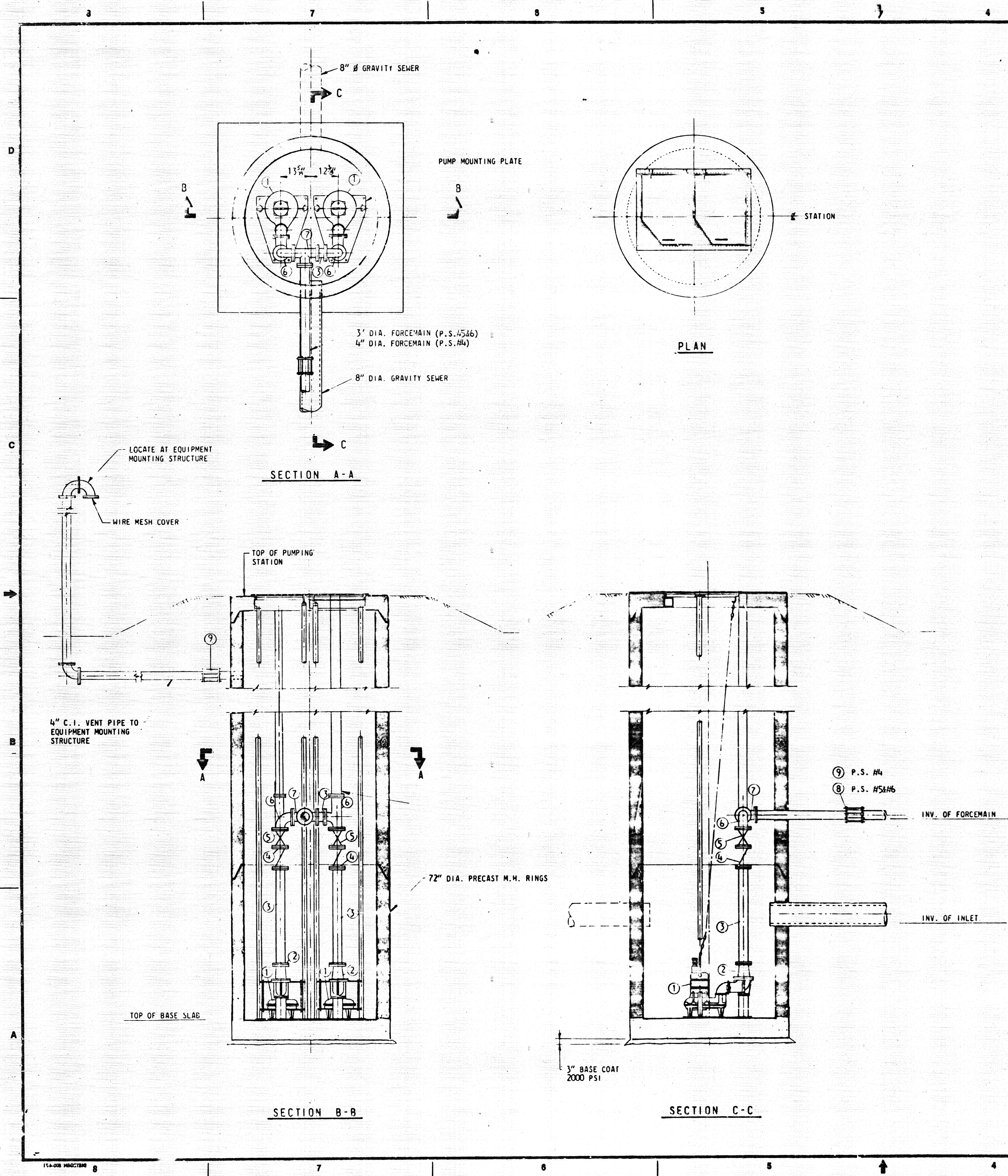
THESE PROJECT DOCUMENTS HAVE BEEN PREPARED FOR USE WITH AND REQUIRE BEING READ IN CONJUNCTION WITH THE **STANDARD SPECIFICATION FOR MUNICIPAL SERVICES** AS PUBLISHED BY THE NOVA SCOTIA ROAD BUILDERS' ASSOCIATION - CONSULTING ENGINEERS OF NOVA SCOTIA **JOINT COMMITTEE ON CONTRACT DOCUMENTS**. COPIES OF THE STANDARD SPECIFICATION ARE AVAILABLE FROM THE JOINT COMMITTEE ON CONTRACT DOCUMENTS, 18 LAURIER STREET, DARTMOUTH, NOVA SCOTIA B3A 2G7; TELEPHONE: (902) 233-9362 OR e-mail at nsmunicipalservices@gmail.com

CORRECTIONS/CLARIFICATIONS

East Hants has received the following question:

- *‘With regards to addendum 2, will you be providing the record drawing information and existing pump details as per the response to question 1?’*

The model number for the existing pumps at the Barneys Brook Lift Station (SLS-18) is ‘NP 3153.181’. Record drawings for SLS-18 and the Barneys Brook Forcemain Replacement project are attached for reference.



ELEVATION @	P.S. #4	P.S. #5	P.S. #6
TOP OF PUMPING STATION	51.3	55.1	57.2
FINISHED GRADE	51.3	55.1	57.2
INVERT OF FORCEMAIN	44.6	45.9	50.4
INVERT OF INLET	N. 32.8 S. 42.1	N. . S. 43.66	N48.00 E42.96
TOP OF BASE SLAB	29.0	40.0	39.0

LIST OF FITTINGS (P.S. #5 & #6)	
NO.	DESCRIPTION
1	P.S. #5 CP 3082MT IMP. 438
2	P.S. #6 CP 3082MT IMP. 436
3	4"x3" REDUCER
4	7" TAKE-UP PIECE
5	3" CHECK VALVE WITH LEVER ARM
6	4" GATE VALVE
7	3" 90° ELBOW
8	3"x3"x3" TEE
9	3" DRESSER COUPLING

LIST OF FITTINGS (P.S. #4)	
NO.	DESCRIPTION
1	P.S. #4 CP 3082MT IMP. 432
2	6"x4" REDUCER
3	4" TAKE-UP PIECE
4	4" CHECK VALVE WITH LEVER ARM
5	4" GATE VALVE
6	4" 90° ELBOW
7	4"x4"x4" TEE
9	4" DRESSER COUPLING

NOTES:

- ALL FITTINGS F.F. & D. CLASS 125 ASA.
- ALL HOLES IN M.H. WALLS SEALED AND WATERTIGHT.
- INSTALLATION OF PUMPS IN STRICT ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- FOR DETAILS OF PUMPS AND ACCESSORIES, SEE SPECIFICATIONS.
- MANHOLE FRAME, COVER, HINGES AND LOCK (BY PUMP SUPPLIER) CAST INTO CAPPING SLAB. SHOP DWGS. REQUIRED
- FOR ELECTRICAL NOTES, SEE DWG. 50
- CONTROL PANEL AND SERVICE ENTRANCE ENCLOSURE PAINT - CGSB 503-126 GREEN.

* 2-4" DRESSER COUPLINGS REQUIRED FOR VENT PIPE ON P.S. #546.

Municipality of East Hants
 Date: SEPT. 24/97
 Please Note:
 - This information is provided for general reference only.
 - This is not representative of any other section of piping.
 - Changes may have been made since this plan.
 - Location should be verified in the field.

NO.	DESCRIPTION	DATE	BY
2	AS CONSTRUCTED		
1	ISSUED FOR CONSTRUCTION		
01	ISSUED FOR APPROVAL		

REVISION OR ISSUE

THIS DRAWING SHOWS WORK AS CONSTRUCTED

DATE: January 8, 1976

APPROVED: L. C. N. B. P.E.N.G.

CANADIAN - BRITISH CONSULTANTS LIMITED

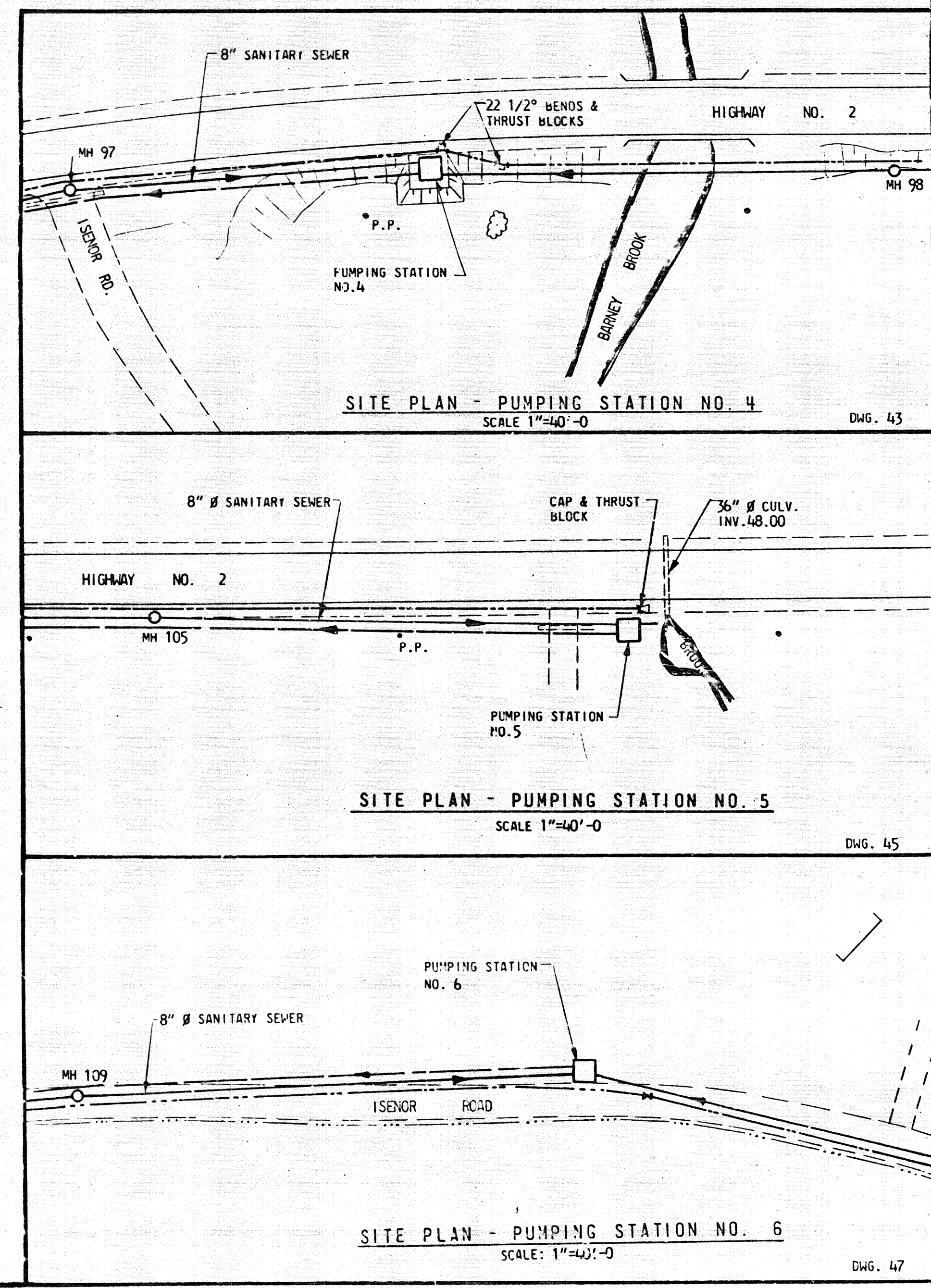
MUNICIPALITY OF EAST HANTS
 MUNICIPAL SERVICES - LANTZ

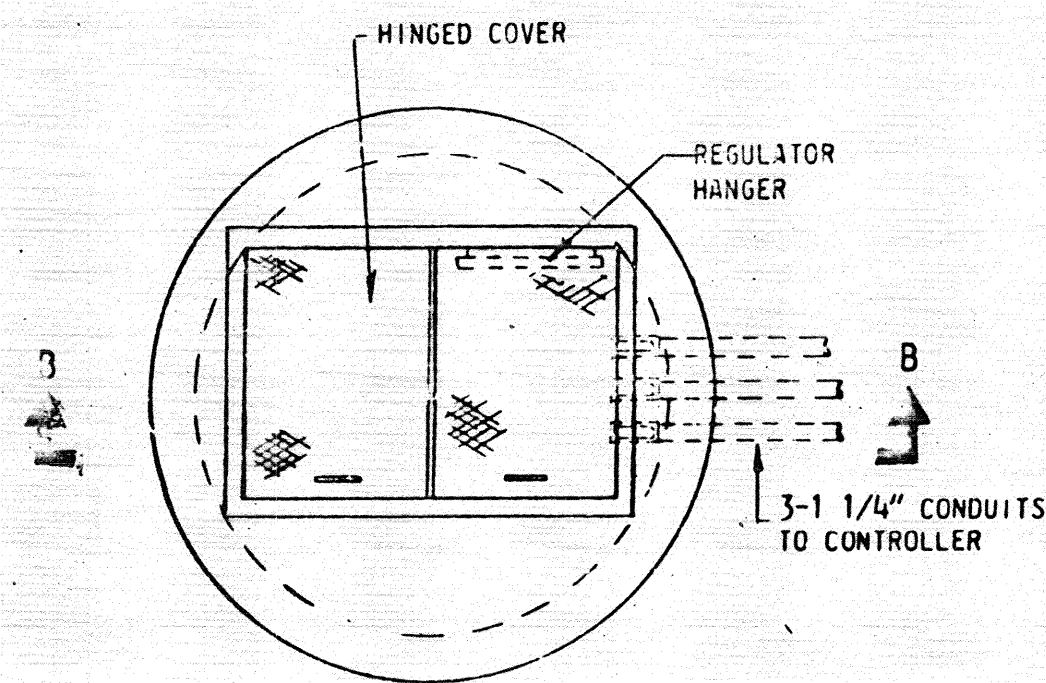
PUMPING STATION NO. 4, NO. 5 AND NO. 6

CBCCL
 CANADIAN-BRITISH CONSULTANTS LIMITED
 HALIFAX NOVA SCOTIA

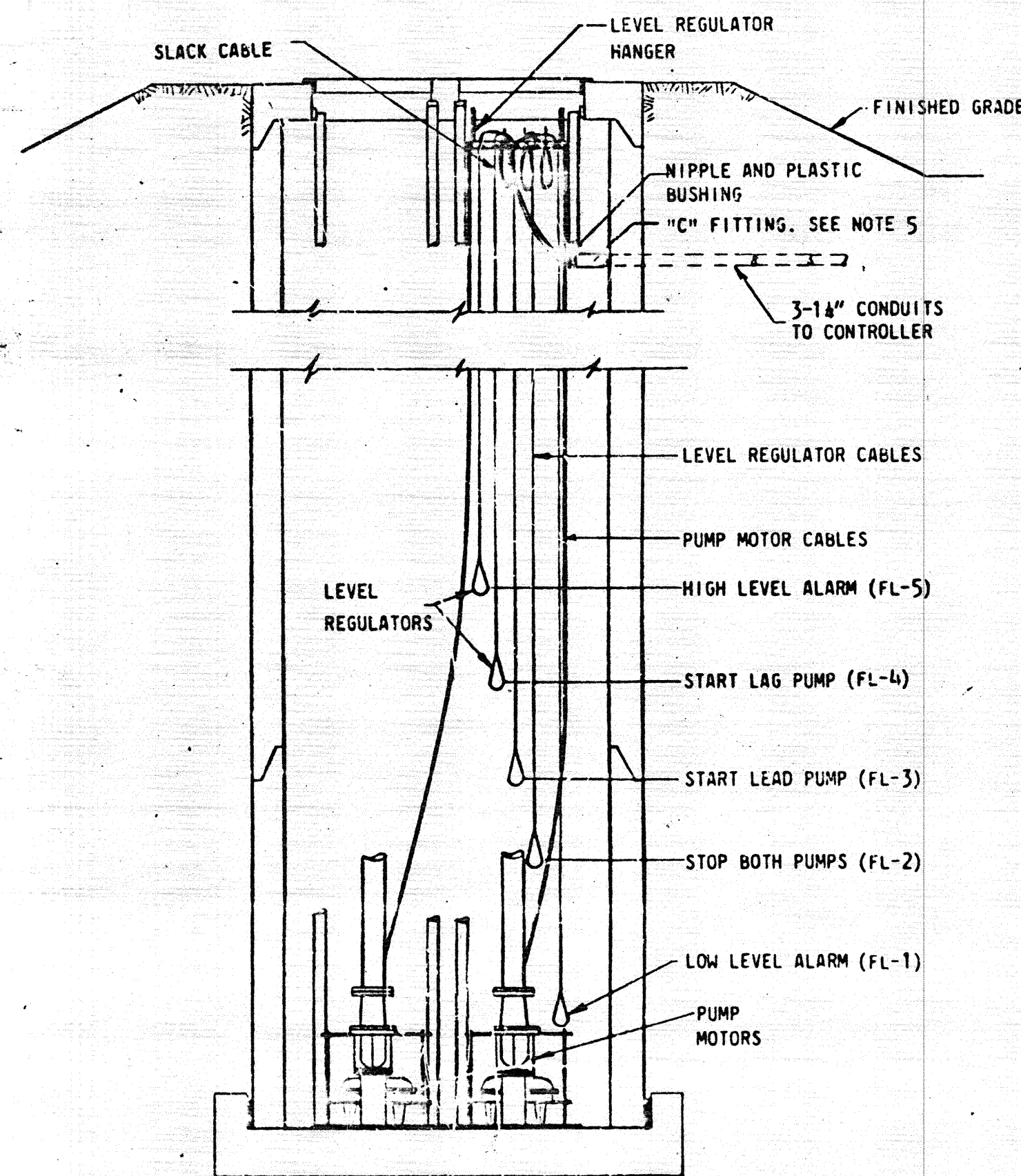
DATE: JUNE/73 SCALE: 1/2"=1'-0" OR AS NOTED

DESIGNED BY: R. Scott
 CHECKED BY: R. Scott
 CONTRACT NO: 71197 SHEET: 16 OF 17
 DRAWING NUMBER: 49

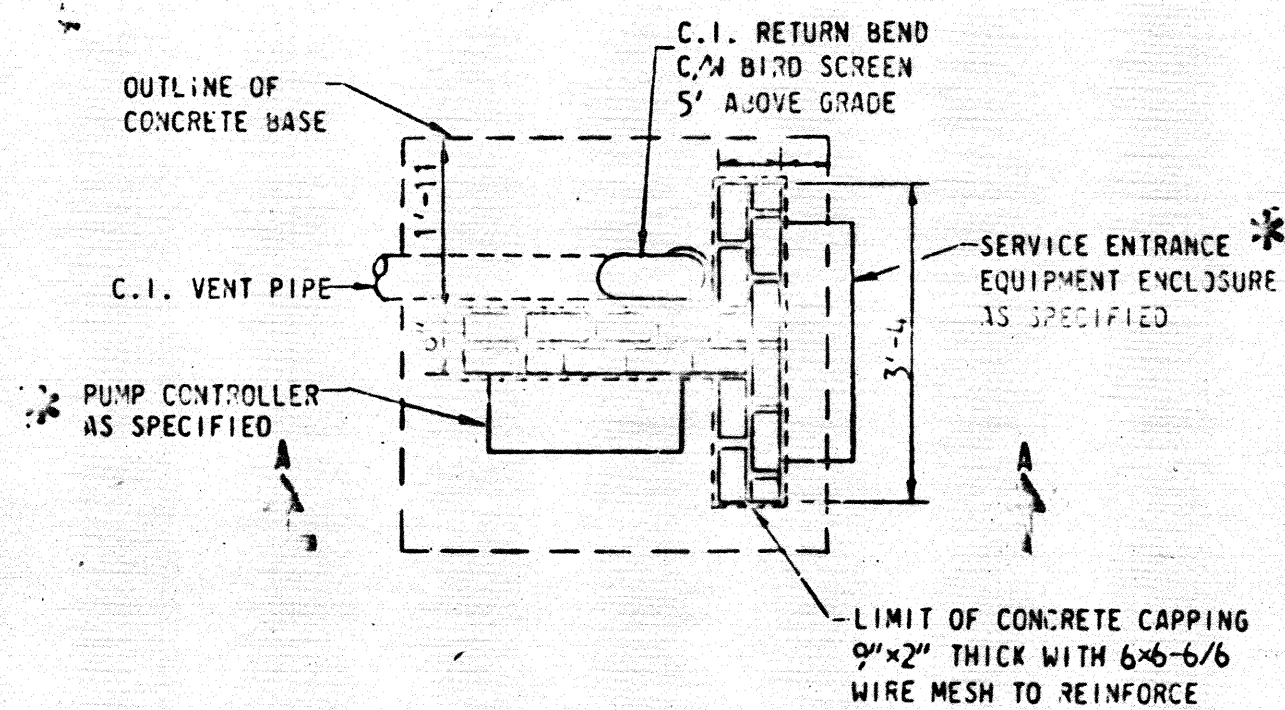




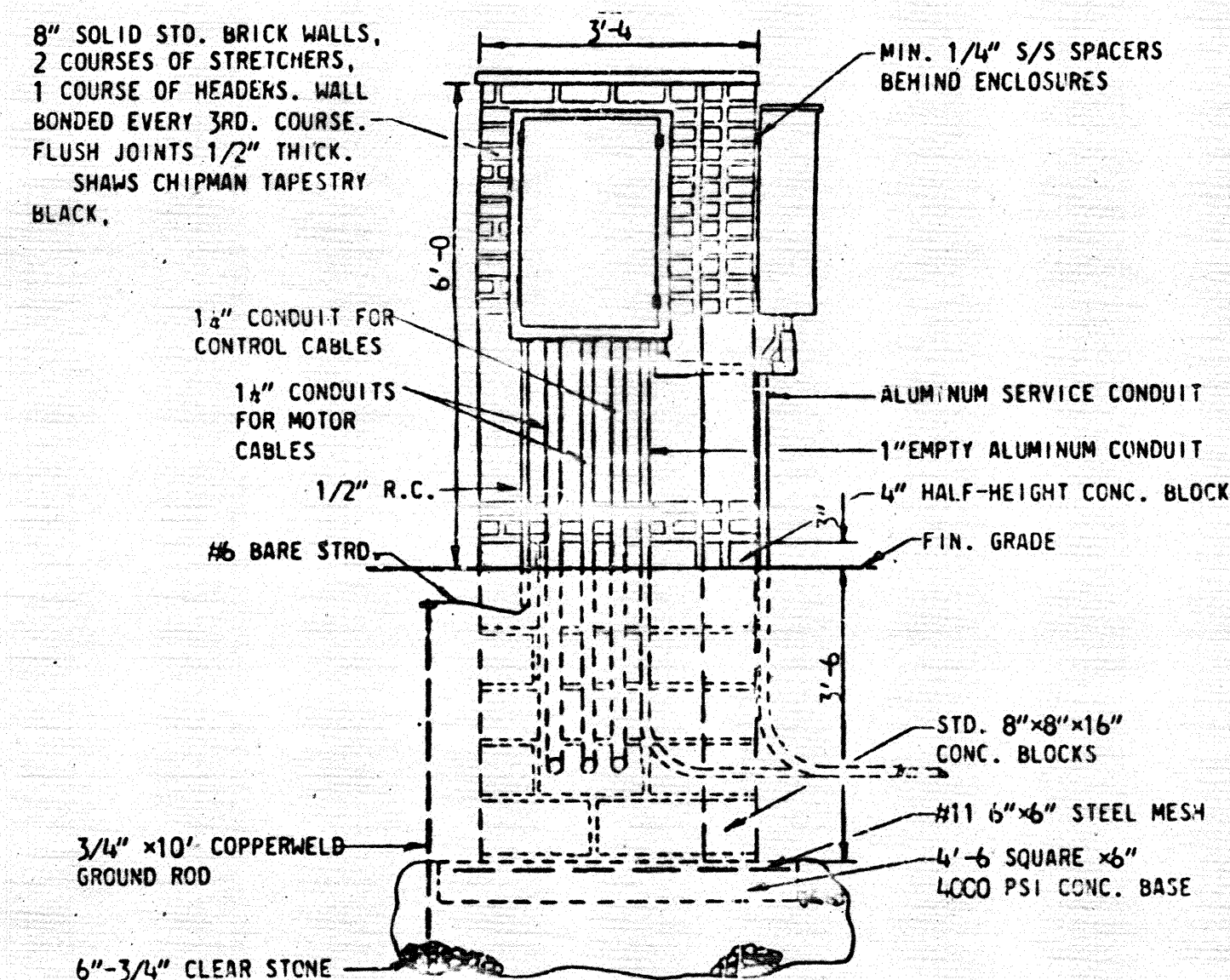
PLAN - PUMPING STATION



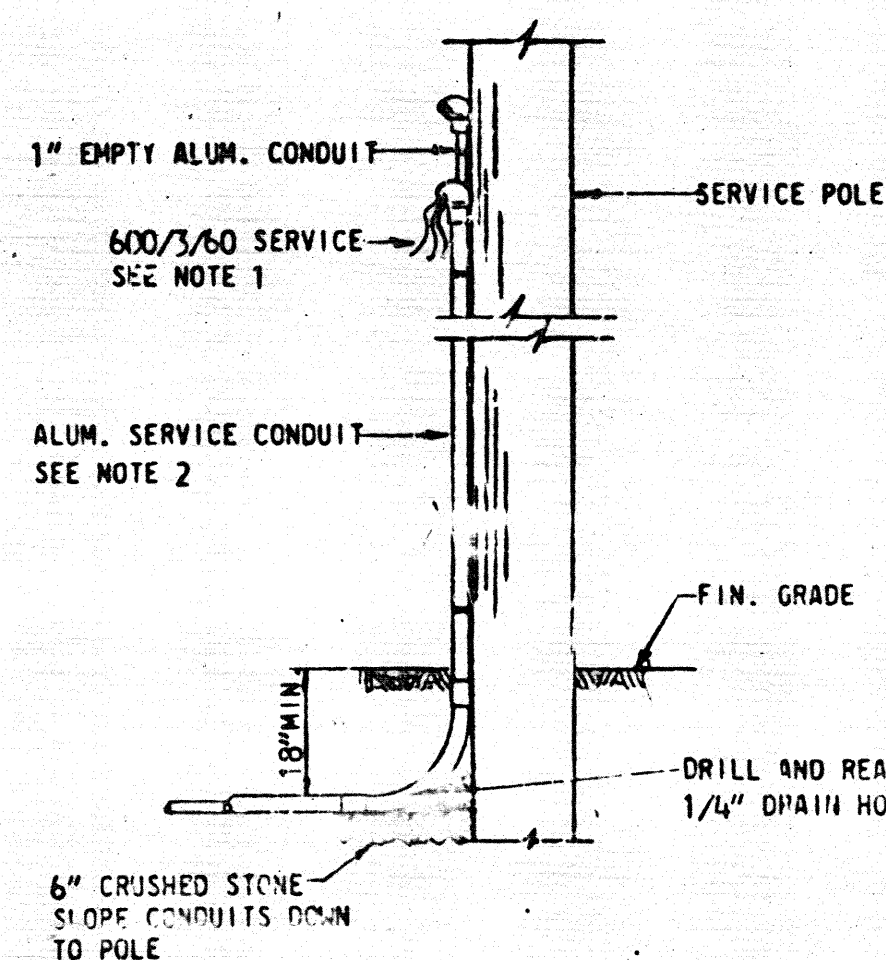
SECTION B-B
N.T.S.



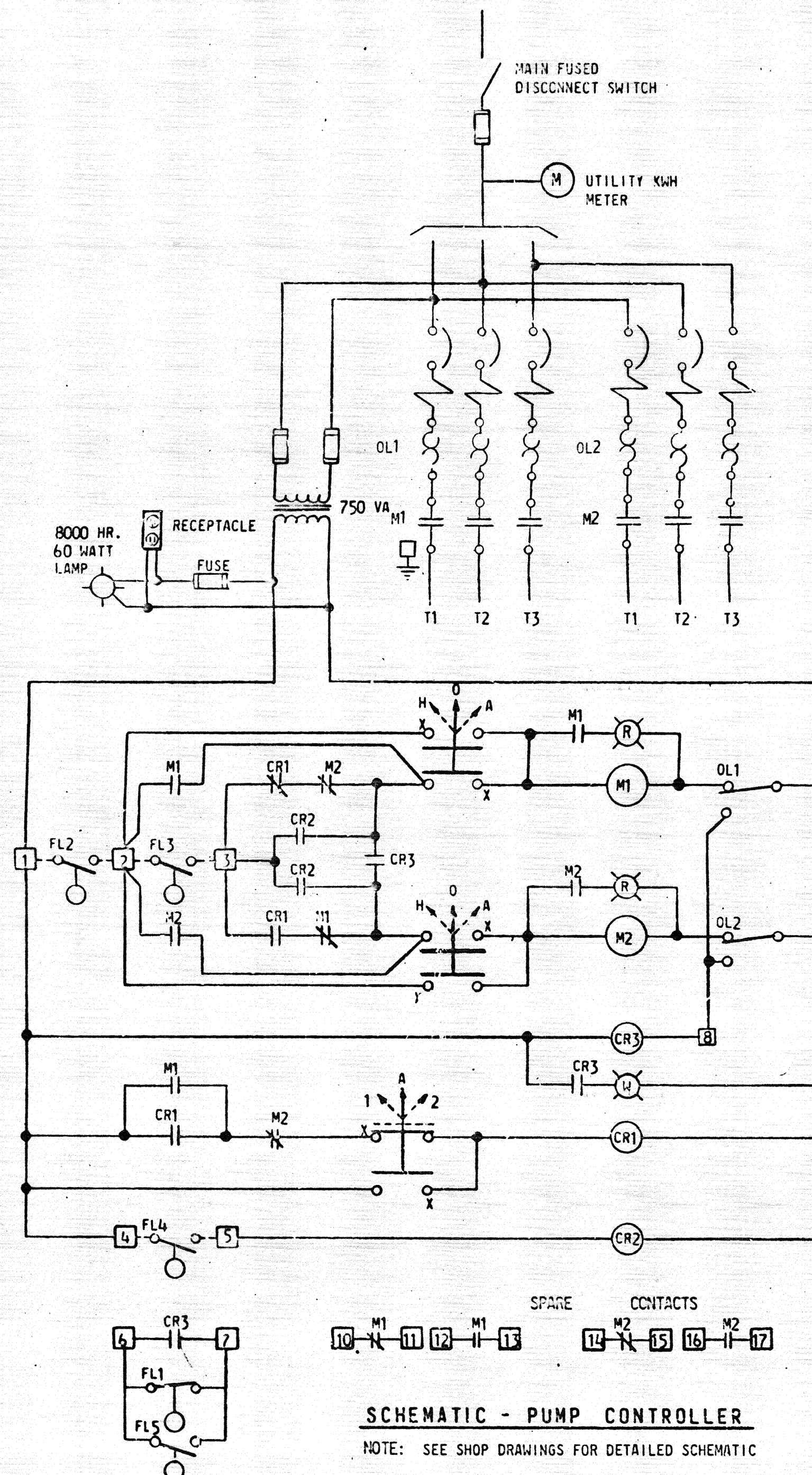
PLAN - EQUIPMENT MOUNTING STRUCTURE



SECTION A-A



DETAIL 1 SERVICE POLE
N.T.S.



SCHEMATIC - PUMP CONTROLLER

NOTE: SEE SHOP DRAWINGS FOR DETAILED SCHEMATIC

TABLE 1 - SERVICE REQUIREMENTS AND LOADS

PUMPING STATION	MOTOR H.P.	VOLTAGE	SERVICE ENTRANCE				CONNECTED LOAD	ESTIMATED DEMAND	REMARKS
			CABLE	CONDUIT	DISC.	APPROX. LENGTH			
P.S. #4	2-9.4	600/3/60	3/4	1 1/2\" R.C.	60A	ALLOW 100'	21.0 KVA	21.0 KVA	SEE NOTES 6 & 7
P.S. #5	2-2.5	600/3/60	3/10	1\" R.C.	30A	ALLOW 100'	4.0 KVA	4.0 KVA	SEE NOTES 6 & 7
P.S. #6	2-2.5	600/3/60	3/10	1\" R.C.	30A	ALLOW 100'	4.0 KVA	4.0 KVA	SEE NOTES 6 & 7

TABLE 2

LIQUID LEVEL REGULATOR ELEVATIONS			
FLOAT	P.S. #4	P.S. #5	P.S. #6
FL 1	29.75	40.75	39.75
FL 2	30.00	41.00	40.00
FL 3	31.25	41.75	40.75
FL 4	31.75	42.25	41.25
FL 5	32.25	42.75	41.75

Municipality of East Hants
Date: SEPT. 24/77
Please Note:
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→ This is not representative of any other section of piping.
→ Changes may have been made since this plan.
→ Location should be verified in the field.

NOTES:
1 ALL SERVICE CABLE TO BE RHU-90X-LINK

3 ALL CABLES FROM LEVEL REGULATORS AND MOTORS TO PUMP CONTROLLER TO BE CONTINUOUS WITHOUT JOINTS OR SPLICE.

5 PACK "C" FITTINGS WITH "DUXAL" COMPOUND & INSTALL RUBBER GASKETS UNDER FITTING COVERS. NOTE - ALL CONDUITS LEAVING NET WELL MUST BE GAS TIGHT.

7 SEE DWG. 49, FOR LOCATION OF PUMPING STATIONS.

* INDICATES SHOP DWGS. REQ'D.

NO.	DESCRIPTION	DATE	BY
2	AS CONSTRUCTED	10/20/77	
1	ISSUED FOR CONSTRUCTION	10/25/77	
01	ISSUED FOR APPROVAL	10/25/77	

REVISION OR ISSUE

THIS DRAWING SHOWS WORK
AS CONSTRUCTED

DATE: 16 JANUARY 1978

APPROVED: [Signature]
CANADIAN - BRITISH CONSULTANTS LIMITED

MUNICIPALITY OF EAST HANTS
MUNICIPAL SERVICES - LANZ

**PUMPING STATIONS
NOS. 4, 5 AND 6
ELECTRICAL**

CANADIAN - BRITISH CONSULTANTS LIMITED
HALIFAX NOVA SCOTIA

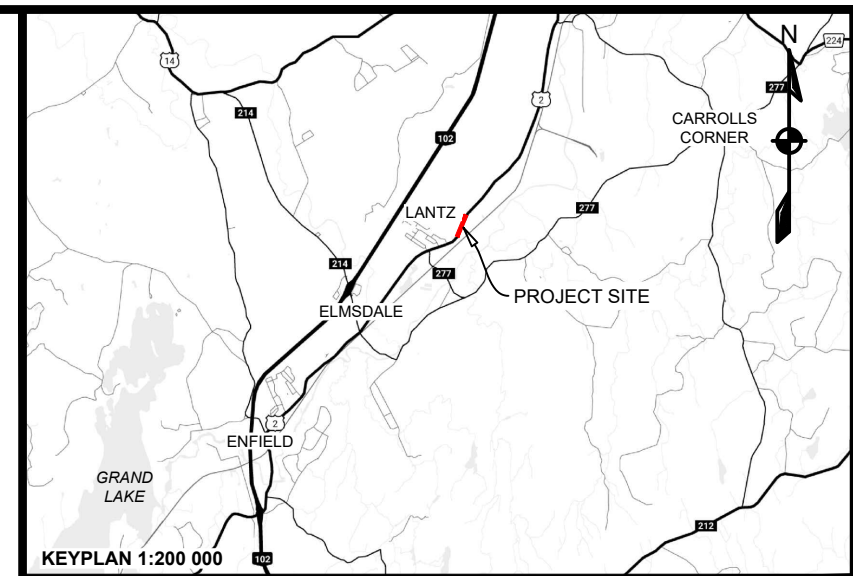
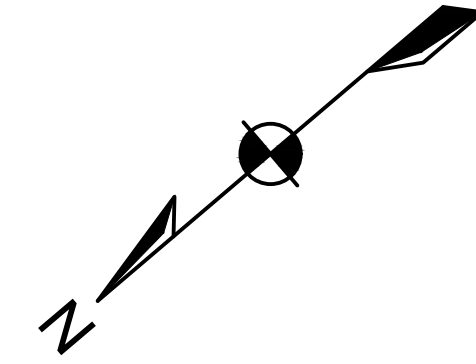
DATE: JUNE 73 SCALE: 1/2\"/>

DESIGNED BY	CHECKED BY	APPROVED BY	DATE
RLC	P	2.2.77	
71197	17	17	17

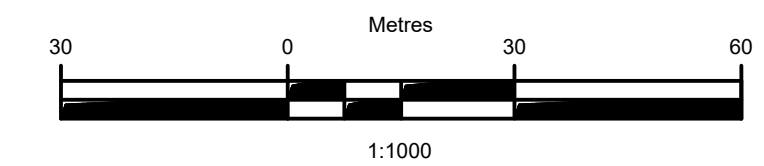
DRAWING NUMBER 50

BARNEYS BROOK FORCEMAIN REPLACEMENT RECORD DRAWINGS

LANTZ, NOVA SCOTIA

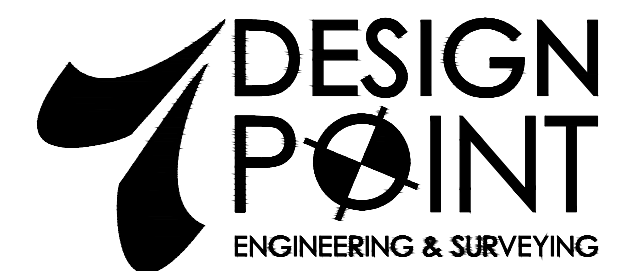


KEYPLAN 1:200 000
ELEVATIONS ARE GEODETIC, REFERENCED TO CGVD2013 IN METRES.
WORK COMPLETED BY W. ERIC WHEEBY LIMITED FROM MAY TO JULY 2019.
PROJECT MANAGER: JEFF WHITE

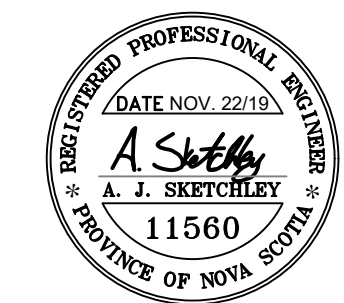


ISSUE	DATE	DESCRIPTION
5	NOV. 22, 2019	ISSUED FOR RECORD
4	MAR. 20, 2018	ISSUED FOR CONSTRUCTION
3	NOV. 05, 2018	ISSUED FOR TENDER
2	AUG. 01, 2018	ISSUED FOR 99% REVIEW
1	JUN. 29, 2018	ISSUED FOR 50% REVIEW

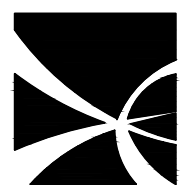
CONSULTANT



PHONE: 902.832.5597 www.designpoint.ca



CLIENT



EAST HANTS

PROJECT DESCRIPTION

BARNEYS BROOK FORCEMAIN
REPLACEMENT

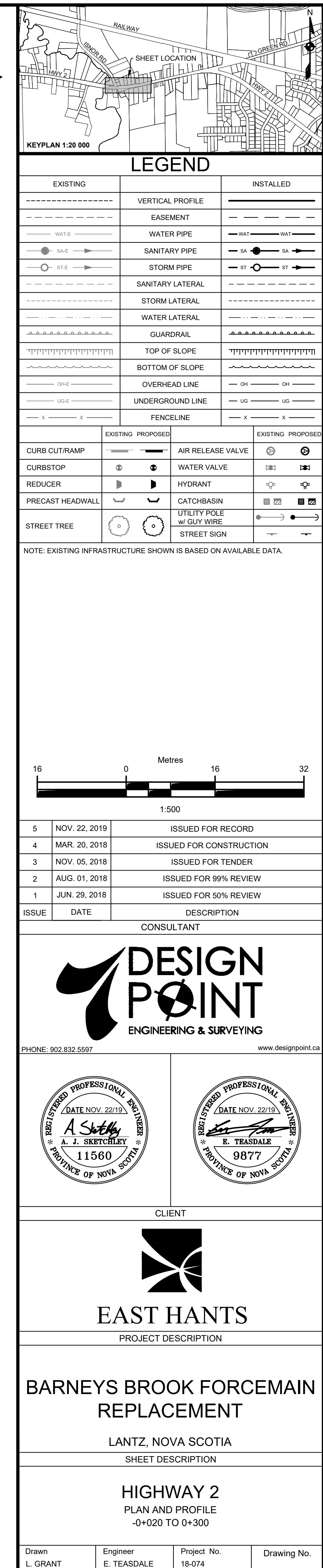
LANTZ, NOVA SCOTIA

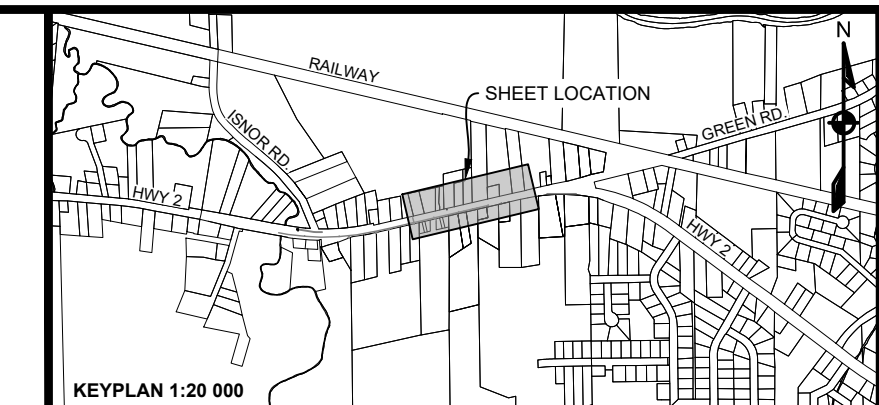
SHEET DESCRIPTION

COVER SHEET

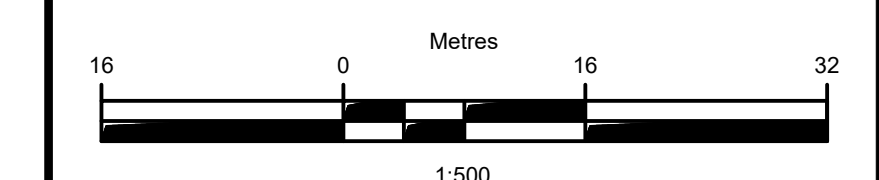
Drawn L. GRANT	Engineer E. TEASDALE	Project No. 18-074	Drawing No. 1 OF 3
Date Drawn JUN. 29, 2019	Scale 1:1000	Filename 18-074Rec.dwg	

LIST OF SHEETS:
SHEET 1: COVER SHEET
SHEET 2: HIGHWAY 2 PLAN AND PROFILE -0+020 TO 0+300
SHEET 3: HIGHWAY 2 PLAN AND PROFILE 0+300 TO 0+620

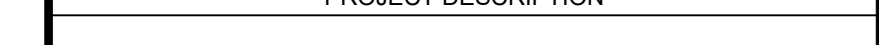




NOTE: EXISTING INFRASTRUCTURE SHOWN IS BASED ON AVAILABLE DATA.



CONSULTANT



LAWRENCE M. HOGAN, COO

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