

NOTES

GENERAL

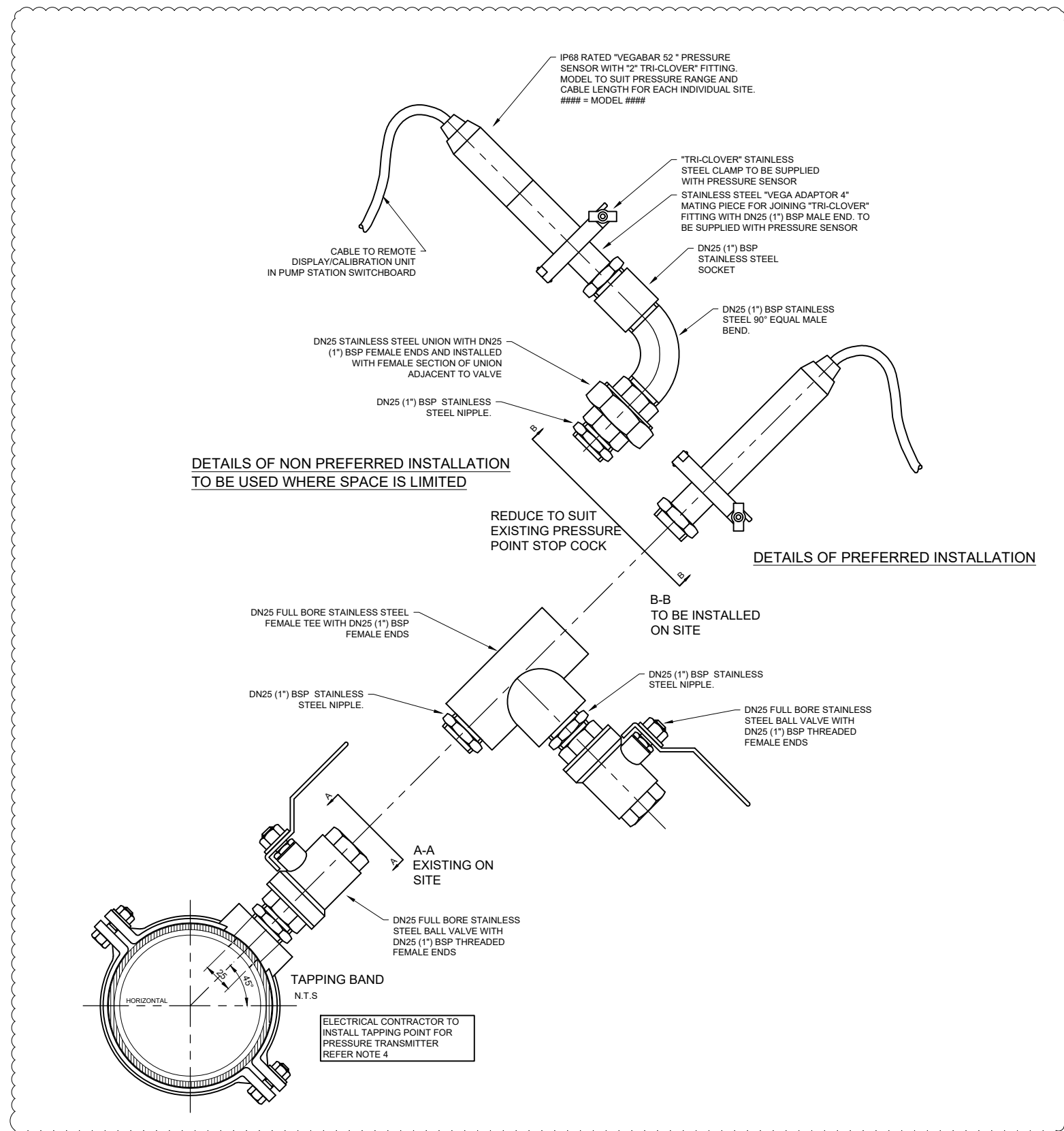
G1. THE MATERIAL OF THE PUMP DISCHARGE PIPE MAY VARY. AS SHOWN ON THIS DRAWING A DICL PIPE IS TO BE FITTED WITH A TAPPING SADDLE WITH DIAMETER TO SUIT PIPE AND WITH A DN32 (1 1/4") BSP THREADED OUTLET. ON MSCL PIPE A STAINLESS STEEL DN32 (1 1/4") BSP THREADED SOCKET IS TO BE WELDED AT 45° TO THE PIPE. THE PIPE IS TO BE DETAILED ON THE PROJECT DRAWINGS.

G2. THE SENSOR IS TO BE LOCATED IN THE VALVE PIT AND WIRED BACK TO THE TRANSMITTER AND ASSOCIATED ELECTRONICS IN THE SWITCHBOARD. THE CABLE LENGTH IS TO BE INDICATED ON THE PROJECT DRAWINGS.

STAINLESS STEEL

SS1. ALL STAINLESS STEEL FITTINGS ARE TO BE GRADE 316.

SS2. TO PREVENT GALLING ALL STAINLESS STEEL THREADS ARE TO BE LUBRICATED WITH ANTI GALLING COMPOUND OR THREAD TAPE WHERE APPLICABLE.



DETAILS OF NON PREFERRED INSTALLATION TO BE USED WHERE SPACE IS LIMITED

DETAILS OF PREFERRED INSTALLATION

PRESSURE SENSOR DETAIL
NOT TO SCALE

ELECTRICAL CONTRACTOR TO SUPPLY AND FIT ALL FITTING NECESSARY TO PLUMB PRESSURE TRANSDUCER INTO EXISTING ISOLATION VALVE.

NOTE, ADDITIONAL FITTINGS MAY BE REQUIRED.

PRESSURE TRANSMITTER INSTALLATION NOTES

1. MATERIAL: ALL STAINLESS STEEL FITTINGS TO BE GRADE 316.
2. GALLING: ALL STAINLESS STEEL THREADS TO BE LUBRICATED WITH APPROVED ANTI GALLING GREASE AND THREAD TAPE WHERE APPLICABLE.
3. INSTALL AS PER 'PREFERRED' DETAIL UNLESS SPACE LIMITATIONS PREVENTS THIS METHOD. THIS METHOD.
4. INSTALL TAPPING POINT FOR PRESSURE TRANSMITTER IN DISCHARGE PIPEWORK USING TAPPING BAND AS SHOWN.

THIS DRAWING SETS OUT THE GENERAL REQUIREMENTS FOR A STANDARD SEWERAGE PUMP STATION. THE PROJECT SPECIFIC DESIGNING ENGINEER IS RESPONSIBLE FOR ENSURING ALL LEGISLATION AND OBLIGATIONS ARE FOLLOWED AND THE DESIGN MEETS THE FUNCTIONAL REQUIREMENTS SET OUT BY QUEENSLAND URBAN UTILITIES. ANY VARIATIONS FROM THE REQUIREMENTS SHOWN ON THIS DRAWING WILL REQUIRE QUEENSLAND URBAN UTILITIES APPROVAL.

ORIGINAL SIGNED I. G. BRUMBY	19/2/09	DATE
DESIGN	R.P.E.Q. No.	DATE
ORIGINAL SIGNED C. J. EATON	6511 23/2/09	DATE
DESIGN CHECK	R.P.E.Q. No.	DATE

ORIGINAL SIGNED K. VAHEESAN	24/2/09	DATE
MANAGER ENGINEERING SERVICES		DATE
ORIGINAL SIGNED A. KRUMINS	23/2/09	DATE
MANAGER INFRASTRUCTURE PLANNING & SERVICES		DATE



PROJECT STANDARD DRAWING SUBMERSIBLE SEWERAGE PUMP STATION

TITLE VALVE PIT PRESSURE SENSOR INSTALLATION AND DETAILS

SHEET No.	OF	SHEETS
486/5/25-0003-342		
AMEND.		
B		

TIME \$\$\$\$ DATE \$\$\$\$ FILE \$\$\$\$