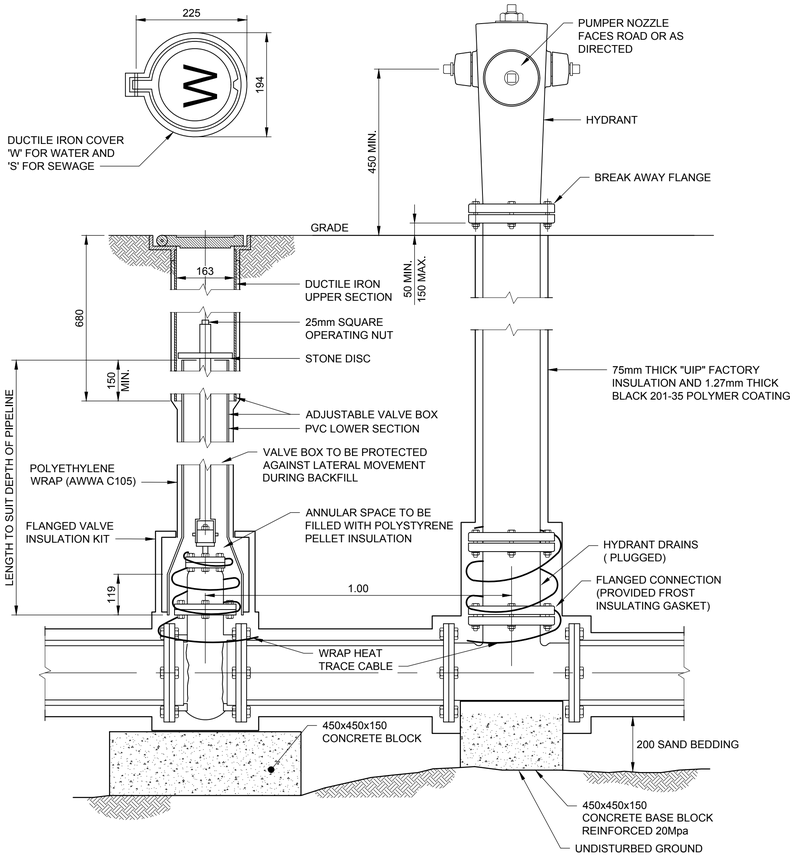
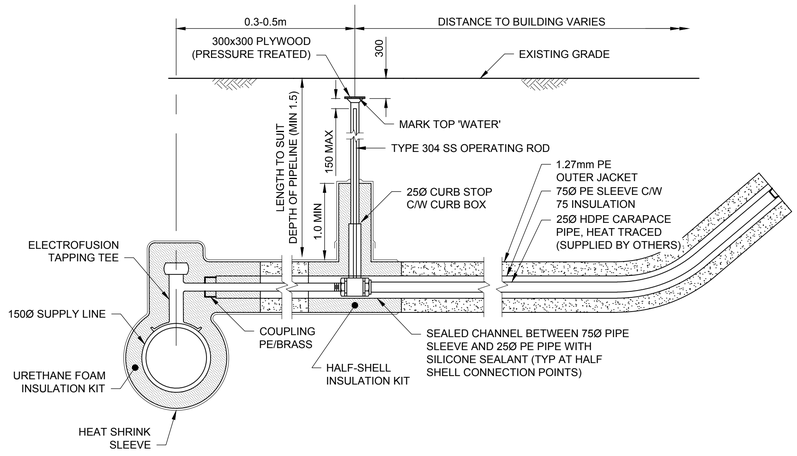


DETAIL

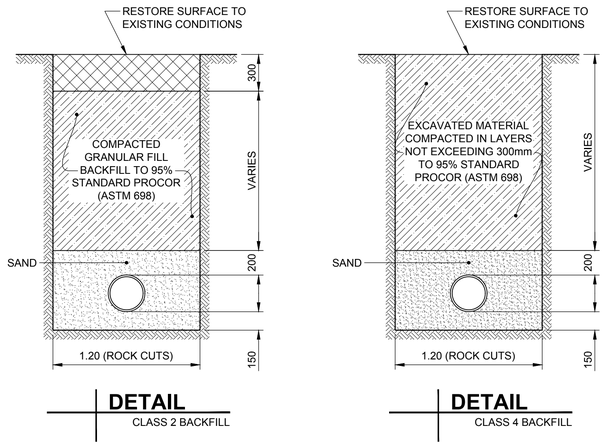
ON-LINE HYDRANT AND GATE VALVE ASSEMBLY — N.T.S.

NOTE:
ALL SEAMS IN INSULATION KITS AND BETWEEN KITS & PIPE/ APPURTENANCES TO BE CAULKED WITH APPROVED SEALANT.



DETAIL

25Ø WATER SERVICE CONNECTION — N.T.S.

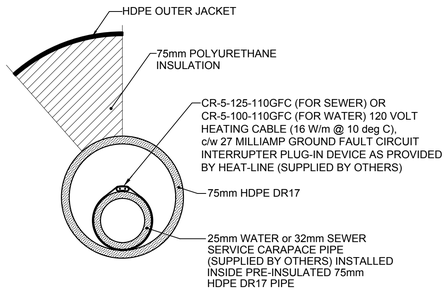


DETAIL

CLASS 2 BACKFILL

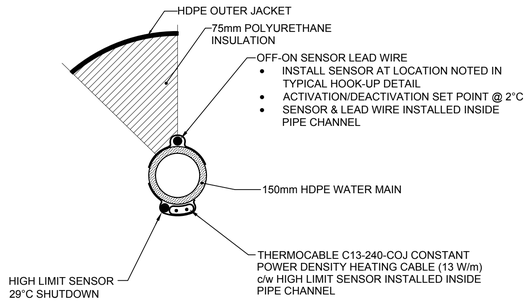
DETAIL

CLASS 4 BACKFILL



25mm WATER/32mm SEWER SERVICE X-SECTION

SCALE: NTS



SENSORS 2-LEAD RTD TYPE SENSORS WHICH SENSE TEMP.
CHANGE WITH CHANGE IN ELECTRICAL RESISTANCE.

EXTRA LONG LEAD FOR ON-OFF SENSOR AS DETAILED

150mm PRE-INSULATED WATER MAIN SERVICE X-SECTION c/w TEMPERATURE SENSORS (TYP.)

SCALE: NTS

NOTICE:
THE EXISTENCE, LOCATION AND ELEVATION OF UTILITIES AND/OR CONCEALED STRUCTURES AT THE PROJECT SITE ARE NOT GUARANTEED BY AECOM CANADA LTD.
THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXISTENCE, LOCATION AND ELEVATION OF ALL SUCH UTILITIES AND/OR STRUCTURES AND IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE COMPANY, DEPARTMENT OR PERSON(S) OF ITS INTENTION TO CARRY OUT ITS OPERATIONS.

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada

REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

PROVINCE OF MANITOBA
K. W. FITCHETT
Aug 7/20
REGISTERED PROFESSIONAL ENGINEER

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: August 07, 2020

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

Revision/ Revision	Description/Description	Date/Date
0	ISSUED FOR TENDER	2020/08/07

Client/client

PARKS CANADA AGENCY
CHURCHILL RAIL STATION
NATIONAL PARK

Project title/Titre du projet

CHURCHILL VRC
WATERMAIN REPLACEMENT
MANTAYO SEEPEE MESKANOW

Approved by/Approuve par
-

Designed by/Concept par
AN

Drawn by/Dessine par
KLC

PWGSC Project Manager/Administrateur de Projets TPSGC
-

PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client
-

Drawing title/Titre du dessin

CIVIL
WATERMAIN REPLACEMENT
STANDARD DETAILS

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
60632286	CT-02 OF	0

PWGSC – A1 – 841X594

0 10 20 30 40 50 60 70 80 90 100mm

60632286-SHT-30-0000-CT-02