

PRELIMINARY
NOT FOR CONSTRUCTION



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DO NOT SCALE DRAWINGS

Revision/	Description/Description	Date/Date
5		
4		
3		
2	100% DESIGN COMPLETION	07/13/15
1	70% DESIGN COMPLETION	07/01/15
0	50% DESIGN COMPLETION	05/17/15

Client/client

Parks Canada / L'Agence Parcs
Agency / Canada
Western and Northern Region / Ouest et Nord
du Canada



Project title/Titre du projet
**WATERTON TOWNSITE
MUNICIPAL INFRASTRUCTURE
UPGRADES
PHASE A AND B**
WATERTON NATIONAL PARK
ALBERTA

Approved by/Approuvé par

Designed by/Concept par
A. FORSYTH

Drawn by/Dessiné par
B. JOHNSON

PWSC Project Manager/Administrateur de Projets TPSC
M. BURKE

PWSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSC

Client/client
J. LAMBE

Drawing title/Titre du dessin

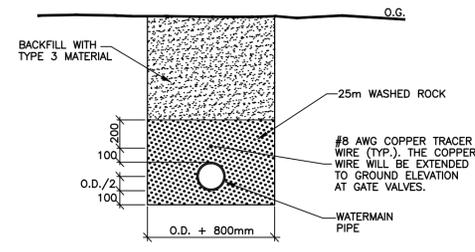
**TRENCHING
DRAIN VALVE IN CHAMBER
STANDPIPE**

DETAILS

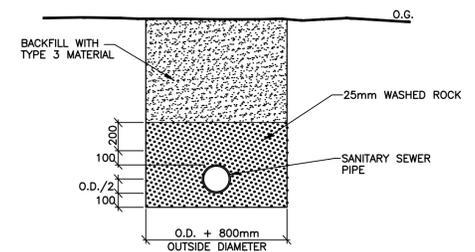
Project No./No. du projet
R.075721.001

Sheet/Feuille
C40
OF 41

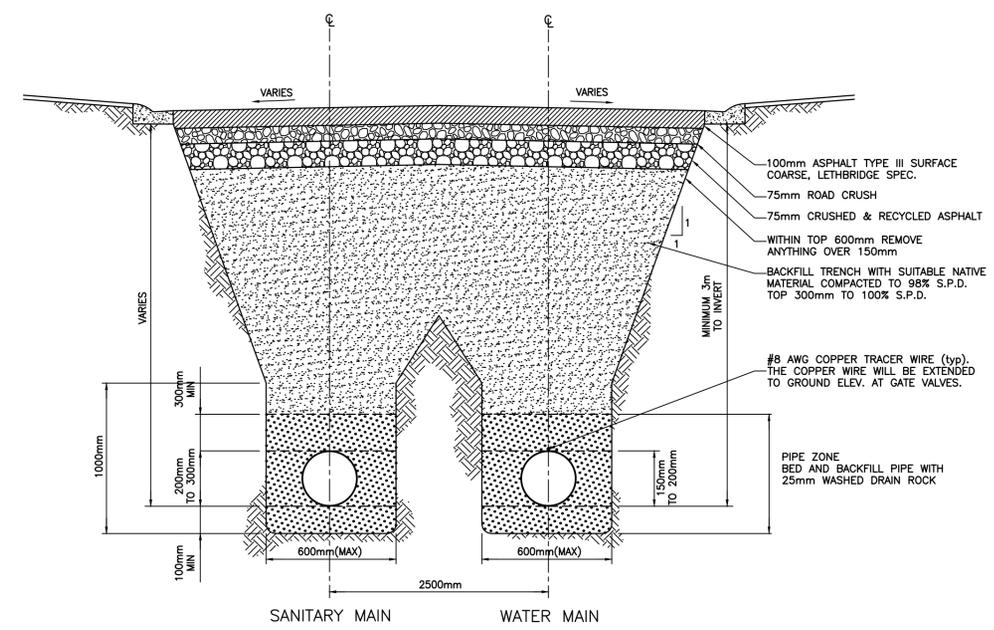
Revision no./
La Révision
no.
2



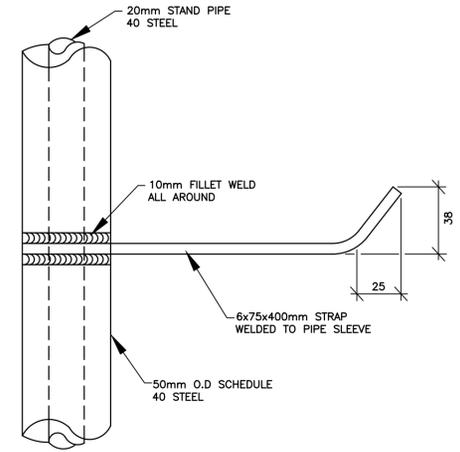
1 WATER LINE TRENCH DETAIL
N.T.S.



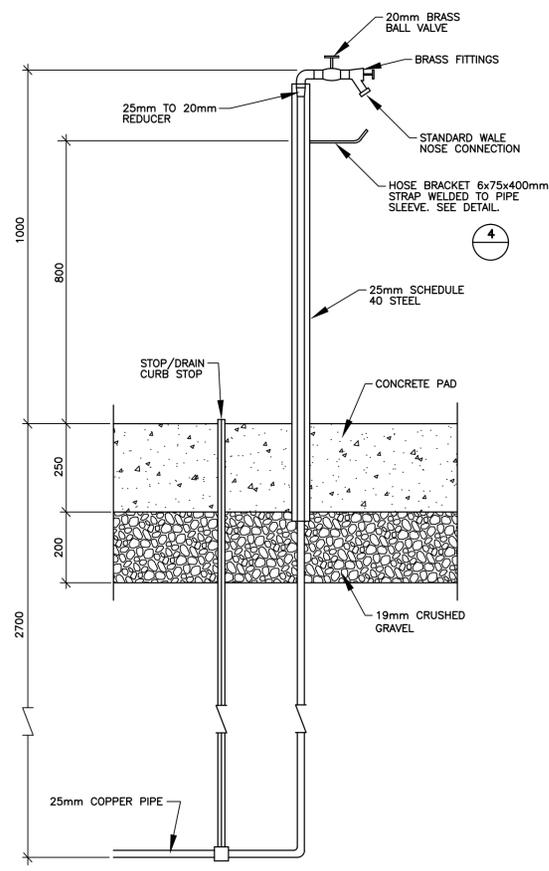
2 SANITARY SEWER TRENCH DETAIL
N.T.S.



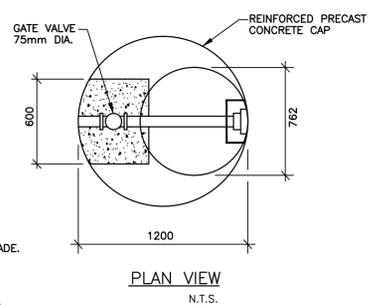
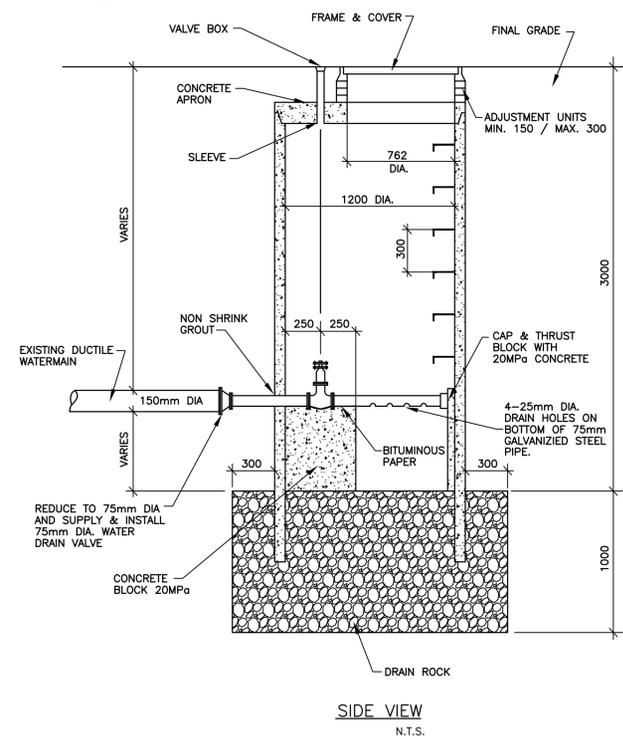
3 SIDE-BY-SIDE TRENCH DETAIL
N.T.S.



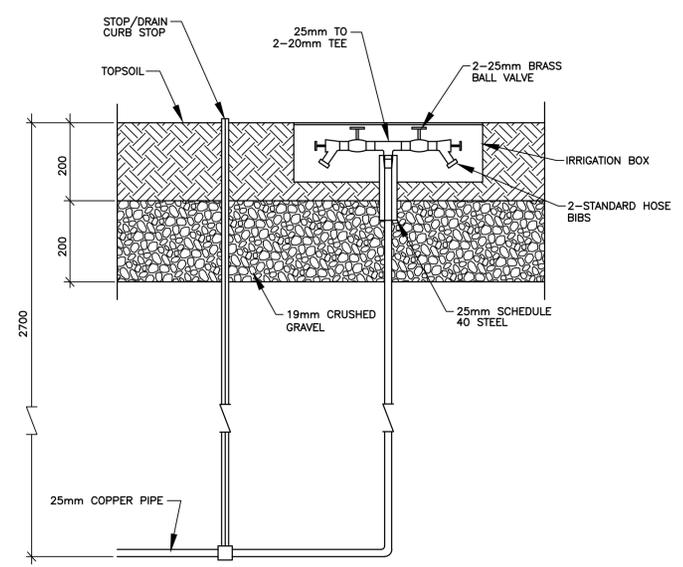
4 HOSE BRACKET DETAIL
N.T.S.



6 STAND PIPE DETAIL
@ DUMP STATION
N.T.S.



7 DRAIN VALVE IN CHAMBER
N.T.S.



5 STAND PIPE DETAIL
N.T.S.

- NOTES**
1. PRECAST MANHOLE SECTIONS SHALL BE EQUAL TO A.S.T.M. SPECIFICATIONS C-478. LAST STEP TO BE 300 ABOVE BENCHING.
 2. STEPS: FIRST STEP TO BE 300 BELOW FINAL GRADE. LAST STEP TO BE 300 ABOVE BENCHING.
 3. ALL JOINTS AND LIFTING HOLES IN MANHOLE SECTIONS TO BE COMPLETELY FILLED WITH A 1:3 MORTAR MIX AND POINTED BEFORE BACKFILL.
 4. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE LABELLED.

