

FORCEMAIN PIPING TRENCH DETAIL

SEE SCALE BAR

- RESTORE TO MATCH EXISTING CONDITIONS (INCLUDES TOPSOIL AS NECESSARY) - BACKFILL WITH EXCAVATED MATERIAL. RESTORE TO MATCH EXISTING CONDITIONS NATIVE MATERIAL OR FINAL COVER OR / TRENCH SLOPES AS PER CONSTRUCTION SAFETY ACT DAILY COVER AND EXISTING REFUSE 1500 COVER. SEE TRENCH NATIVE MATERIAL OR FINAL COVER OR DAILY COVER AND EXISTING REFUSE - HDPE GAS COLLECTION PIPE HDPE FORCEMAIN – SIZE AS INDICATED ON PLAN c/w TRACER WIRE
SIZE AS INDICATED ON PLAN 75¢ HDPE COMPRESSED AIR LANDFILL W1301-2THREE (3) PIPE TRENCH SEE SCALE BAR

SIZE AS NOTED ON PLAN or BRANCH SADDLE TEE

TYPICAL HDPE PIPE CONNECTION SEE SCALE BAR

W1301 - 3

W1301 - 1

TRENCH DETAIL NOTES:

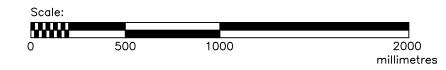
1. THIS CONTRACTOR IS RESPONSIBLE FOR THE REPAIR OF ANY EXISTING SUBSURFACE PIPING DAMAGED DURING THE INSTALLATION OF NEW PIPING.

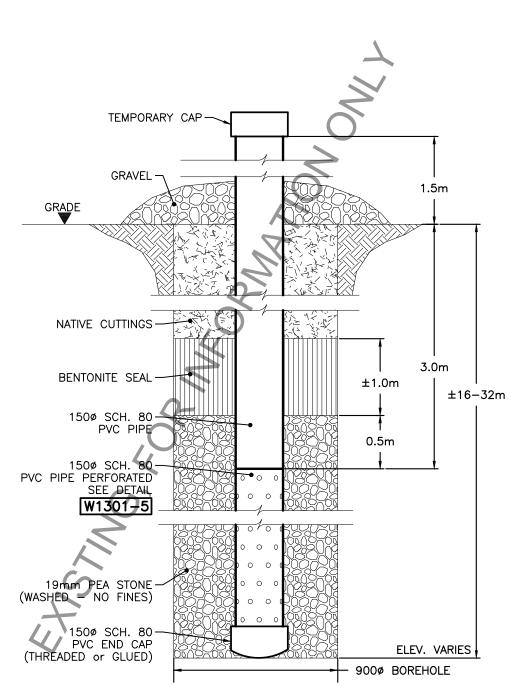
2. WHERE ENCOUNTERED, RE-COMPACT CLAY COVER TO 95% S.P.D. 3. SAND PIPE BEDDING EXCEPT AT ALL ROAD CROSSINGS WHERE PIPE BEDDING

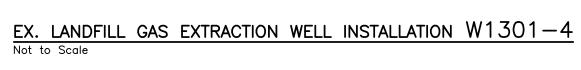
TO BE UNSHRINKABLE FILL. FILL TO EXTEND 2m PAST ROAD EDGES. 4. TRENCHES CONTAINING FORCEMAIN PIPING BUT NOT LANDFILL GAS PIPING MUST BE INSTALLED TO MAINTAIN A MINIMUM COVER OF 2.5m, BUT DO NOT

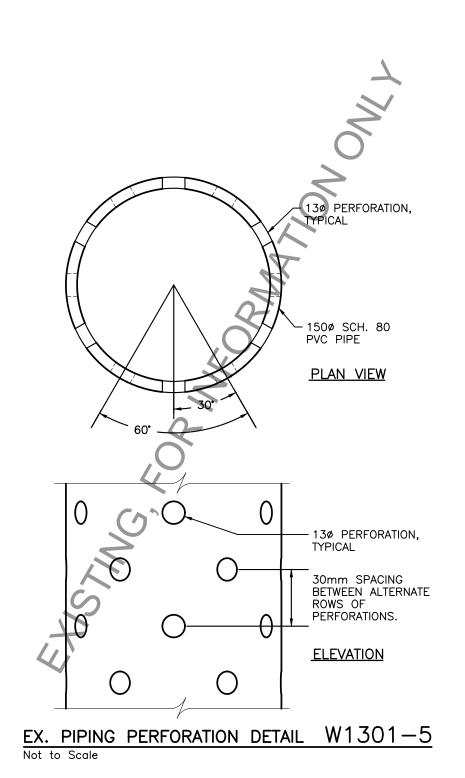
NEED TO BE SLOPED UNLESS NOTED OTHERWISE.

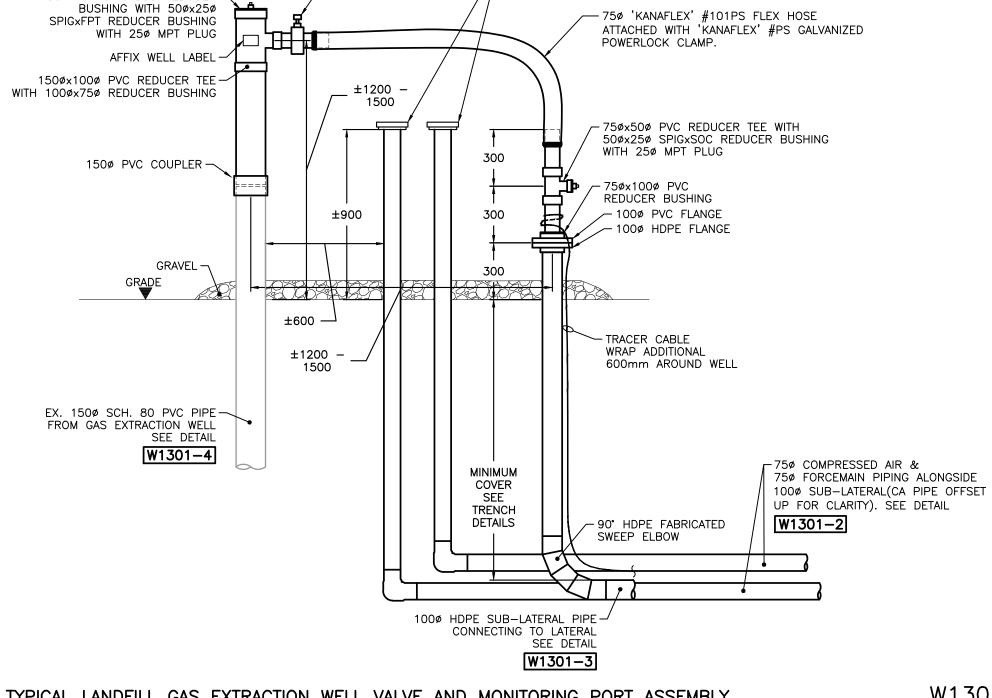
5. IN TRENCHES CONTAINING LANDFILL GAS, FORCEMAIN AND COMPRESSED AIR PIPING, INSULATE FORCEMAIN PIPING WHEN LESS THAN 2.0m BELOW GROUND SURFACE.











- 75ø PVC GATE VALVE

1500x750 SPIGxSOC REDUCER -

TERMINATE COMPRESSED AIR & FORCEMAIN PIPING WITH BLIND FLANGES.

TYPICAL LANDFILL GAS EXTRACTION WELL VALVE AND MONITORING PORT ASSEMBLY SCALE: 1:20

W1301-6

ISSUED FOR REVIEW Apr. 5, 2019 May 14, 2019 JDP ISSUED FOR TENDER

. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED OTHERWISE. . ALL PIPE SIZES ARE IPS UNLESS NOTED OTHERWISE. ALL HDPE GAS COLLECTION PIPING IS DR17. . ALL HDPE COMPRESSED AIR & FORCEMAIN PIPING IS DR11. ALL PVC PIPING IS SCHEDULE 80. PROVIDE SHOP DRAWINGS FOR APPROVAL OF THE ENGINEER PRIOR TO FABRICATION OR CONSTRUCTION.

Certificate of Authorization **Comcor Environmental Limited** No. 4454 Date: May 12 209

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ENVIRONMENTAL LIMIT Consulting Engineers and Landfill Gas Spec	

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Winnipeg

City of Winnipeg Brady Road CITY DWG NO. 1-0400A-C0054-001 COMCOR DWG NO. W1301 Resource Management **Facility**

EXPANSION OF LFG SOUTHERN HEADER AND LEACHATE COLLECTION SYSTEM

TRENCH & SYSTEM DETAILS