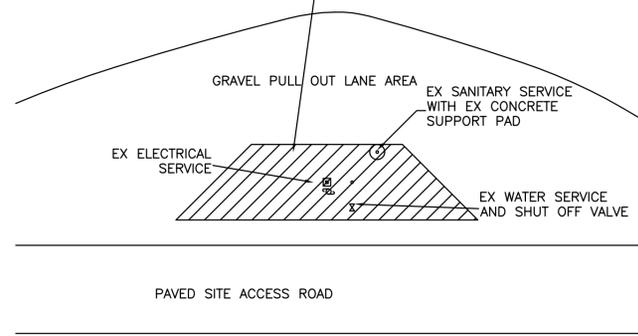
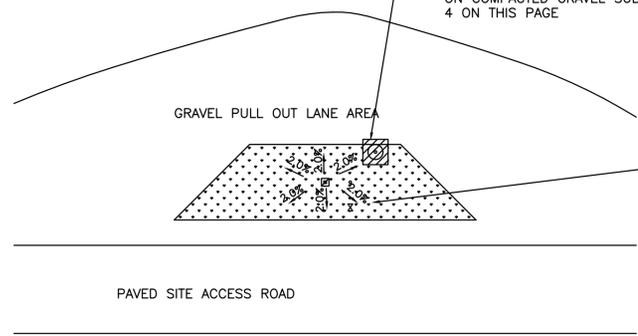


- 1 STRIP ALL PEA GRAVEL (APPROX. 100mm THK) AND FILTER CLOTH FROM THE ISLANDS. HAUL AND STOCKPILE PEA GRAVEL AT CASCADE PIT
- 2 REMOVE EXISTING CONCRETE SUPPORT PAD, SALVAGE THE METAL CAP AND CHAIN, AND THEN DISPOSE OF THE CONCRETE PAD AT AN APPROVED OFFSITE DISPOSAL AREA
- 3 EXCAVATE ORGANIC SOIL MATERIAL DOWN APPROX 400mm UNTIL YOU REACH BASE MATERIAL (OR AS DIRECTED BY THE DEPARTMENT REPRESENTATIVE). HAUL AND DISPOSE OF ALL WASTE MATERIAL AT AN APPROVED OFFSITE DISPOSAL AREA



STEP 1

- 4 EXCAVATE 1 m2 AREA AROUND THE EXISTING SANITARY SEWER PIPE TO A DEPTH OF APPROX 500mm OR UNTIL COMPETENT GROUND (100kPa SOIL STRENGTH) IS REACHED
- 5 REPAIR THE BROKEN SEWER PIPE PER DETAIL 3 ON THIS PAGE / PLEASE NOTE THAT THE TRAP AND CLAY BRICK WILL NOT BE EXPOSED IN A TYPICAL REPAIR
- 6 COMPACT AROUND THE REPAIRED SEWER PIPE IN MAX 300mm LIFTS WITH APPROVED 19mm CRUSHED GRAVEL FILL TO MIN 98% SPD.
- 7 INSTALL NEW CONCRETE SUPPORT PAD BEARING ON COMPACTED GRAVEL SUBGRADE - SEE DETAIL 4 ON THIS PAGE

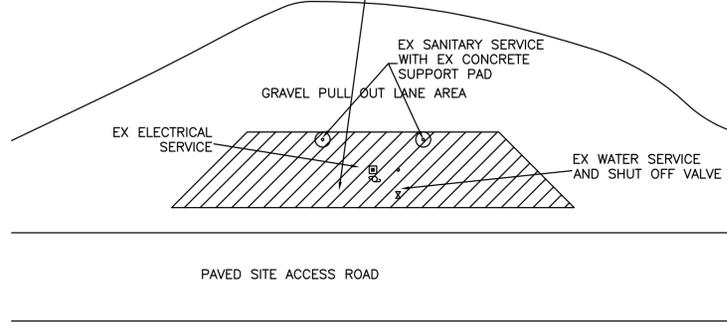


STEP 2

- 8 FILL AND COMPACT REMAINDER OF ISLAND WITH APPROVED 19mm CRUSHED GRAVEL. COMPACT IN MAX 300mm LIFTS TO MIN 98% SPD. FINISHED GRADE OF CRUSH TO INFILL THE ISLAND SHOULD BE 100mm BELOW THE ADJACENT ROAD AND PULL OUT FINAL GRADES AND ALSO SHOULD HAVE SLOPE OF 2.0% OUT IN ALL DIRECTION FROM THE ELECTRICAL PEDESTAL.
- 9 SUPPLY AND PLACE 100mm THK TOP SOIL AND SOD. GRASS SOD TO MEET PARKS CANADA NATIVE GRASS MIX SPECIFICATION.
- 10 TOPSOIL AND SOD WILL TAPER IN AT SANITARY CONCRETE SUPPORT PAD LOCATIONS

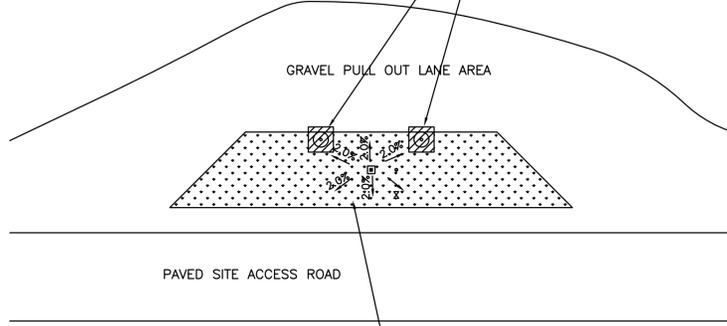
A TYPICAL SINGLE PULLOUT ISLAND REPAIR DETAIL
 200/201 SCALE: N.T.S

- 1 STRIP ALL PEA GRAVEL (APPROX. 100mm THK) AND FILTER CLOTH FROM THE ISLANDS. HAUL AND STOCKPILE PEA GRAVEL AT CASCADE PIT
- 2 REMOVE EXISTING CONCRETE SUPPORT PAD, SALVAGE THE METAL CAP AND CHAIN, AND THEN DISPOSE OF THE CONCRETE PAD AT AN APPROVED OFFSITE DISPOSAL AREA
- 3 EXCAVATE ORGANIC SOIL MATERIAL DOWN APPROX 400mm UNTIL YOU REACH BASE MATERIAL (OR AS DIRECTED BY THE DEPARTMENT REPRESENTATIVE). HAUL AND DISPOSE OF ALL WASTE MATERIAL AT AN APPROVED OFFSITE DISPOSAL AREA



STEP 1

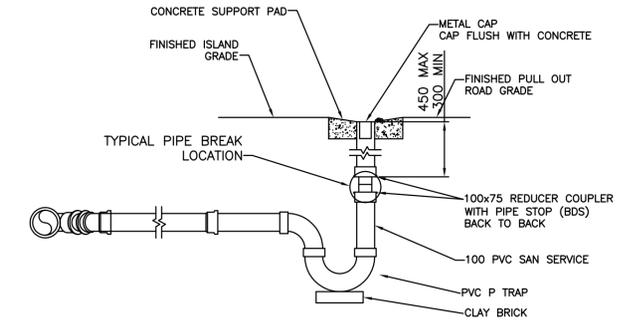
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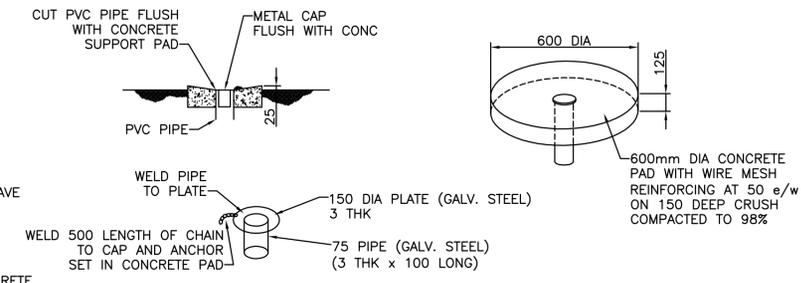
STEP 2

- 8 FILL AND COMPACT REMAINDER OF ISLAND WITH APPROVED 19mm CRUSHED GRAVEL. COMPACT IN MAX 300mm LIFTS TO MIN 98% SPD. FINISHED GRADE OF CRUSH TO INFILL THE ISLAND SHOULD BE 100mm BELOW THE ADJACENT ROAD AND PULL OUT FINAL GRADES AND ALSO SHOULD HAVE SLOPE OF 2.0% OUT IN ALL DIRECTION FROM THE ELECTRICAL PEDESTAL.
- 9 SUPPLY AND PLACE 100mm THK TOP SOIL AND SOD. GRASS SOD TO MEET PARKS CANADA NATIVE GRASS MIX SPECIFICATION.
- 10 TOPSOIL AND SOD WILL TAPER IN AT SANITARY CONCRETE SUPPORT PAD LOCATIONS

B TYPICAL DOUBLE PULLOUT ISLAND REPAIR DETAIL
 201 SCALE: N.T.S



DETAIL 3 - TYPICAL SANITARY SEWER CONNECTION DETAIL
 N.T.S.



DETAIL 4 - TYPICAL CONCRETE SUPPORT PAD DETAIL
 N.T.S.

PRELIMINARY
 DO NOT USE FOR CONSTRUCTION

REV#	DESCRIPTION	DATE
REV6	DESCRIPTION6	DATE6
REV5	DESCRIPTION5	DATE5
REV4	DESCRIPTION4	DATE4
REV3	DESCRIPTION3	DATE3
B	ISSUED FOR TENDER	2013/06/14
A	90% SUBMITTAL	2013/05/21
REVISIONS	DESCRIPTION	DATE

A	A detail number number du detail	A
B	B source drawing no. de dessin no.	B/C
C	C detail on drawing no. detail sur dessin no.	

project title / titre du projet
TUNNEL MOUNTAIN CAMPGROUND IMPROVEMENTS
 BANFF NATIONAL PARK

drawing title / titre du dessin
TRAILER COURT LOOP A & B PULL OUT ISLAND REPAIRS
 DETAILS AND SECTIONS

designed by / conçu par	T.KLOEVER	conçu par
drawn by / dessiné par	T.KLOEVER	dessiné par
approved by / approuvé par	J.GIBBONS	approuvé par
PWSC Project Manager / Administrateur de Projets TPWSC	S.KING	
scale / échelle	1:500	sheet / feuille
project no. / projet no.	R.031117.001	C304
date / date	MAY2013	5 OF 5