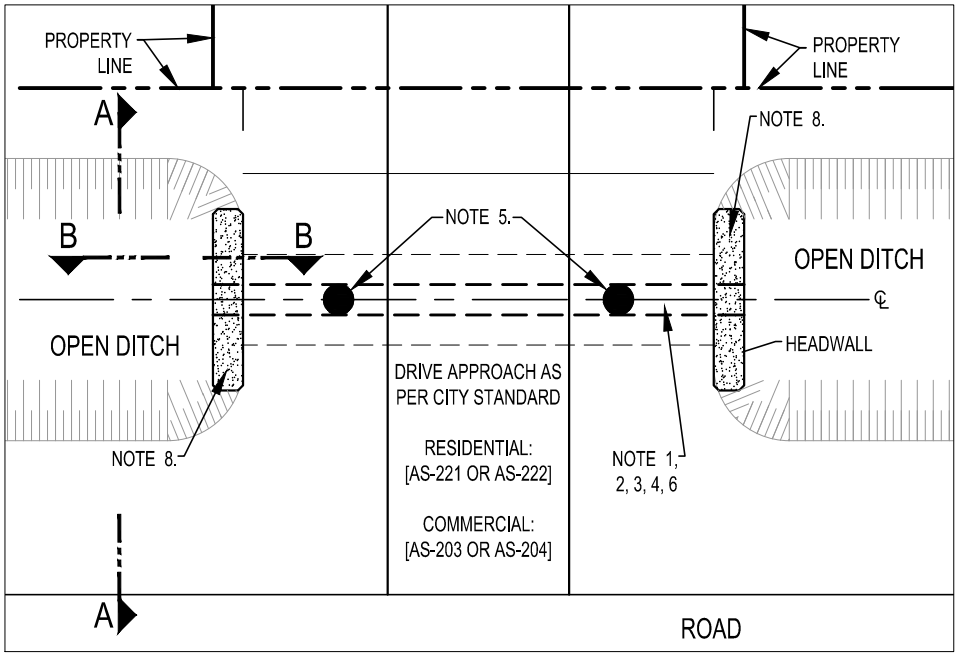

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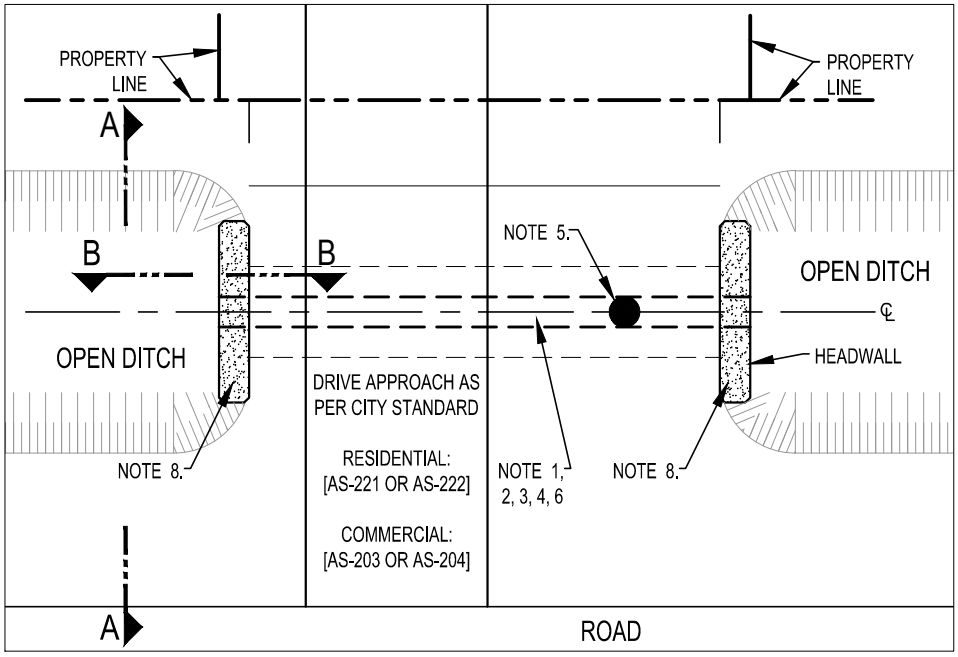

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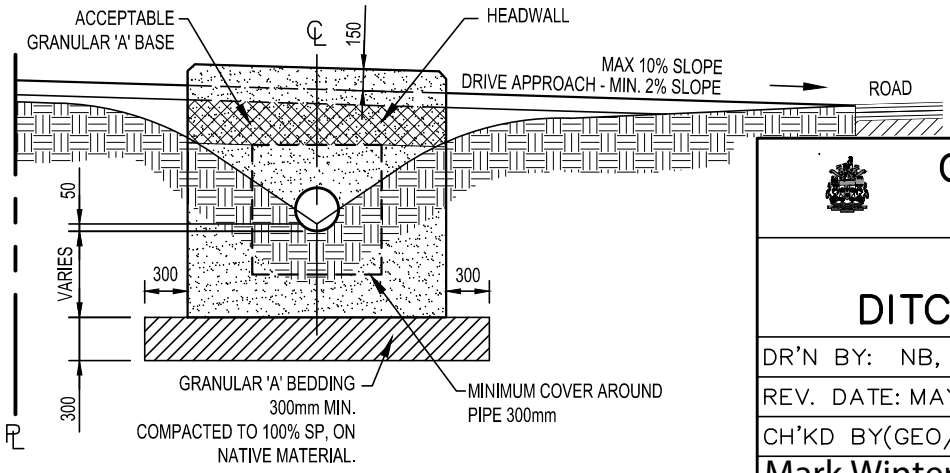
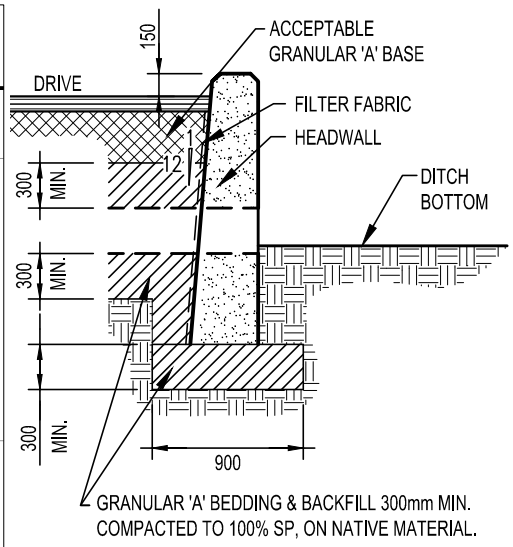


SECTION A-A

NOT TO SCALE



SECTION B-B

GENERAL NOTES:
(IN ACCORDANCE WITH CITY OF WINDSOR STANDARD SPECIFICATION S-11)

1.) PIPE MATERIAL - PVC (POLYVINYL CHLORIDE) OR HDPE (HIGH DENSITY POLYETHYLENE) OR CONCRETE PIPE.

2.) MATCH THE EXISTING UPSTREAM AND DOWNSTREAM CULVERT SIZE, WHICHEVER IS GREATER. MINIMUM 375mm PIPE.

3.) PIPE TO BE EMBEDDED A MINIMUM OF 50mm, OR 10% OF PIPE DIAMETER, WHICHEVER IS GREATER.

4.) MINIMUM PIPE COVER TO BE 300mm OF GRANULAR 'A' AROUND PIPE.

5.) MINIMUM 600mm DIAMETER CONCRETE OR HDPE INLINE CATCHBASIN WITH FRAME AND COVER AS PER AS-301 IS REQUIRED AT CENTRELINE OF LOT, OR AS DIRECTED BY CITY ENGINEER. ADDITIONAL CATCHBASINS REQUIRED EVERY 12.2m DITCH/SWALE OR AS DIRECTED BY THE CITY ENGINEER. ROADWAY WITH CURB AND GUTTER AND/OR DEFINED SHOULDER STANDARD COVER PERMITTED.

6.) MATCH UPSTREAM/DOWNSTREAM FLOW OF DITCH.

7.) CULVERT TO NOT EXTEND BEYOND PROPERTY LINE.

8.) JUTE BAG HEADWALLS FOR PIPE DIAMETER OF 450mm OR LESS AND PRE-CAST OR ENGINEERED DESIGNED CONCRETE HEADWALLS APPROVED BY CITY ENGINEER FOR PIPE DIAMETER GREATER THAN 450mm IN ACCORDANCE WITH AS-209.

9.) ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

CITY OF WINDSOR

ENGINEERING DEPARTMENT

BACKFILL OF DITCH/SWALE/TRENCH

DR'N BY: NB, AC, AZ	DATE: SEP, 2015
REV. DATE: MAY, 2024	CH'KD BY(ENG): PM, JH
CH'KD BY(GEO/OPS):PJU, AL	PASSED BY: FM

Mark Winterton
Digitally signed by Mark Winterton
Date: 2024.05.22 14:31:20 -04'00'

CITY ENGINEER

AS–209A