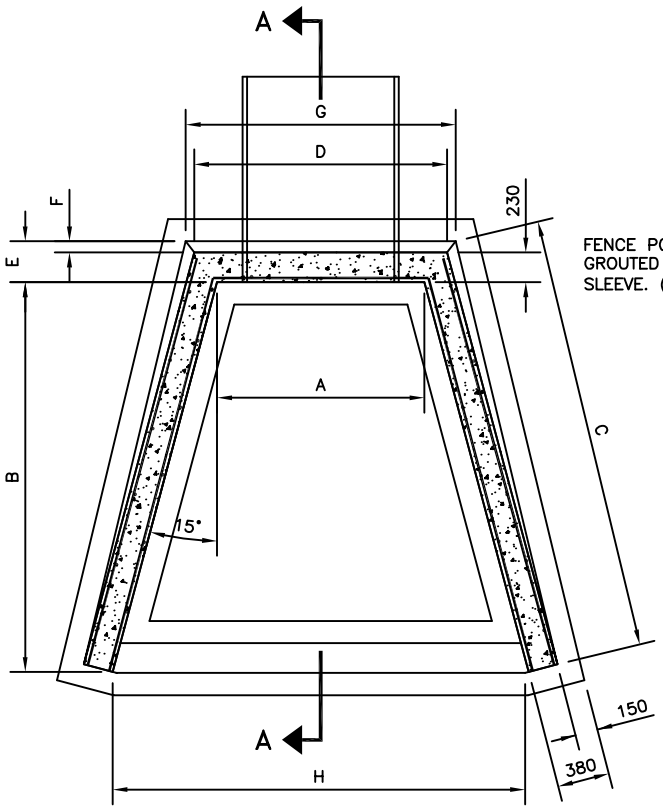
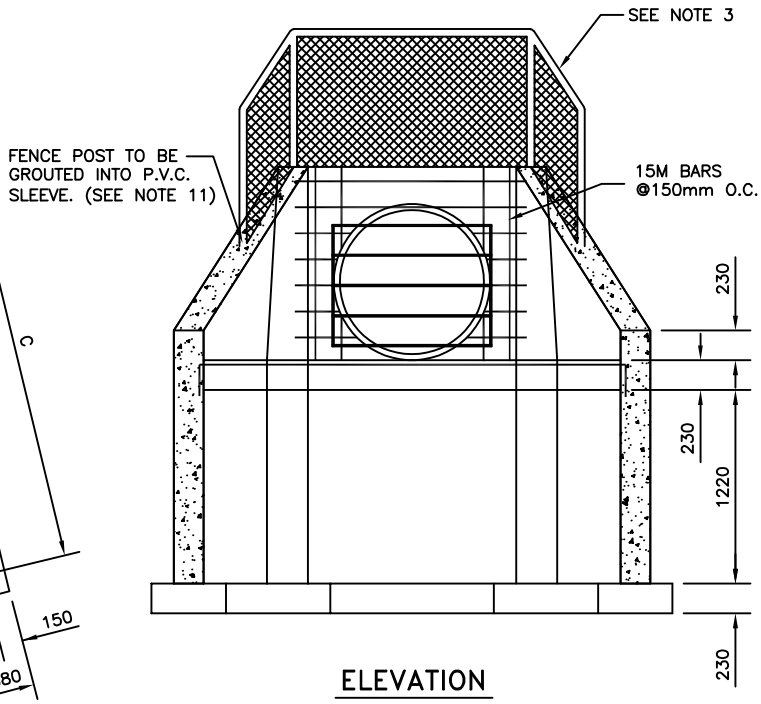
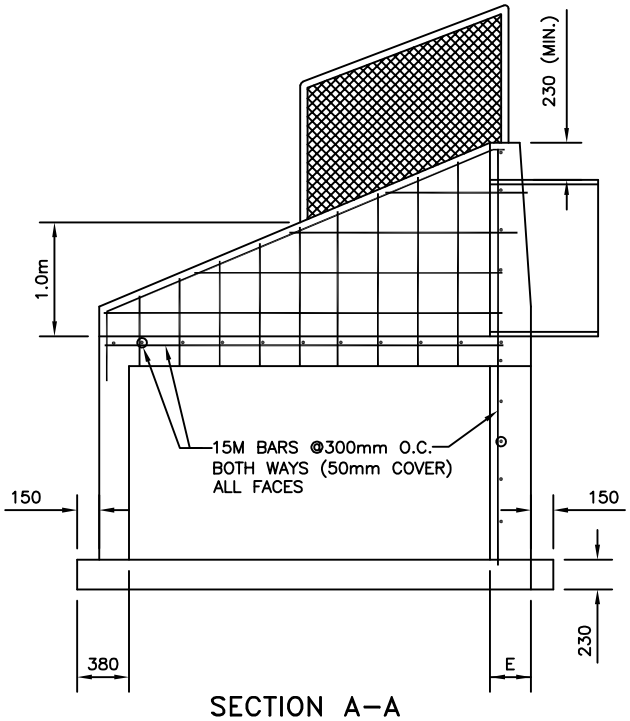


PLAN



ELEVATION

PIPE DIA.	A	B	C	D	E	F	G	H
300	760	1830	2135	1120	305	75	1245	1725
375	840	1830	2135	1195	305	75	1320	1800
450	915	1830	2135	1270	305	75	1400	1880
525	990	2440	2135	1345	305	75	1475	2310
600	1065	2440	2135	1420	305	75	1550	2390
675	1140	2440	2135	1500	305	75	1625	2465
750	1220	2440	2135	1575	305	75	1700	2540
825	1295	2440	2135	1650	305	75	1780	2615
900	1370	2440	2770	1725	305	75	1855	2690
975	1450	2440	2845	1800	380	150	2000	2770
1050	1525	3050	3455	1880	380	150	2080	3150
1200	1675	3050	3455	2030	380	150	2235	3300
1350	1830	3050	3455	2185	380	150	2390	3455
1500	1980	3050	3455	2335	380	150	2540	3600
1650	2135	3050	3455	2490	380	150	2690	3760
1800	2285	3050	3455	2640	380	150	2845	3910



SECTION A–A

NOTES :

1. ALL EXPOSED EDGES TO HAVE 25mm CHAMFER.
2. ENERGY DISSIPATORS (CHUTE BLOCKS), SPECIALLY DESIGNED, MAY BE USED ON THE APRON AT THE DISCRETION OF THE DIRECTOR, PLANNING & DEVELOPMENT
3. STANDARD CHAIN LINK FENCE, 1.2m HIGH (SEE P–820) TO BE INSTALLED IN SECTIONS WHERE DROP MEETS OR EXCEEDS 1.0m.
4. A RAILING MAYBE SUBSTITUTED FOR #3 ABOVE. APPROVAL FROM THE CITY IS REQUIRED.
5. HEADWALL GRATINGS SEE OPSD 804.050.
6. CONCRETE SHALL BE IN ACCORDANCE WITH CAN/CSA SPECIFICATION A23.1–M90 OR LATEST REVISION TO A CONCRETE HAVING A COMPRESSIVE STRENGTH OF 30MPa AT 28 DAYS AND A MAXIMUM SLUMP OF 80mm AT THE TIME OF PLACING.
7. AIR CONTENT SHALL BE FROM 5% TO 8% BY VOLUME AT TIME OF PLACING.
8. GRANULAR WITHIN 300mm ALL SIDES.
9. SLOPE TO CONFORM WITH EXISTING SLOPE AND SOIL CONDITIONS.
10. CONCRETE FOOTING TO BE POURED ON ALL FOUR SIDES OF HEADWALL.
11. INSIDE DIAMETER OF P.V.C. SLEEVE TO BE OUTSIDE DIAMETER OF FENCE POST PLUS 25mm.

All dimensions are in millimetres unless otherwise noted.

City of Pickering — Engineering Services Department

DRAWN P. NEUMAN	STANDARD HEADWALL FOR STORM OUTFALL (UP TO 1800mm DIA. PIPE)	REVISION NO. 3
APPROVED R. W. HOLBORN		DATE NOVEMBER 2019
DATE JANUARY 1993		P–300