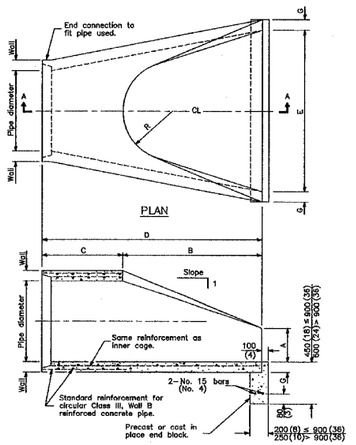
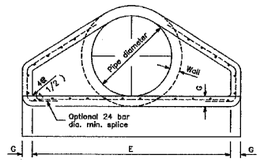


SECTION A–A



END VIEW

PIPE DIA.	APPROX. QTY. kg (lbs)	WALL	A	B	C	D	E	G	R	APPROX. SLOPE
300 (12)	240 (530)	51 (2)	102 (4)	610 (24)	1.241 m (4'–0⅝")	1.851 m (6'–0⅝")	610 (24)	51 (2)	229 (9)	1:2.4
375 (15)	335 (740)	57 (2 ¼)	152 (6)	686 (27)	1.168 m (3'–10")	1.854 m (6'–1")	762 (30)	57 (2 ¼)	280 (11)	1:2.4
450 (18)	450 (990)	64 (2 ½)	229 (9)	686 (27)	1.168 m (3'–10")	1.854 m (6'–1")	914 (36)	64 (2 ½)	305 (12)	1:2.4
525 (21)	580 (1280)	70 (2 ¾)	229 (9)	889 (35)	965 (38)	1.854 m (6'–1")	1.067 m (3'–6")	70 (2 ¾)	330 (13)	1:2.4
600 (24)	690 (1520)	76 (3)	241 (9 ½)	1.105 m (3'–7½")	762 (30)	1.867 m (6'–1½")	1.219 m (4'–0")	76 (3)	356 (14)	1:2.5
675 (27)	875 (1930)	83 (3 ¼)	267 (10 ½)	1.219 m (4'–0")	648 (25½)	1.867 m (6'–1½")	1.372 m (4'–6")	83 (3 ¼)	368 (14 ½)	1:2.4
750 (30)	995 (2190)	89 (3 ½)	305 (12)	1.375 m (4'–6")	502 (19¾)	1.874 m (6'–1¾")	1.524 m (5'–0")	89 (3 ½)	381 (15)	1:2.5
825 (33)	1450 (3200)	95 (3 ¾)	343 (13 ½)	1.486 m (4'–10½")	997 (39¼)	2.483 m (8'–1¾")	1.676 m (5'–6")	95 (3 ¾)	445 (17 ½)	1:2.5
900 (36)	1860 (4100)	102 (4)	381 (15)	1.6 m (5'–3")	883 (34¾)	2.483 m (8'–1¾")	1.829 m (6'–0")	102 (4)	508 (20)	1:2.5
1050 (42)	2440 (5380)	114 (4 ½)	533 (21)	1.6 m (5'–3")	889 (35)	2.489 m (8'–2")	1.981 m (6'–6")	114 (4 ½)	559 (22)	1:2.5
1200 (48)	2970 (6550)	127 (5)	610 (24)	1.829 m (6'–0")	660 (28)	2.489 m (8'–2")	2.134 m (7'–0")	127 (5)	559 (22)	1:2.5
1350 (54)	3740 (8240)	140 (5 ½)	686 (27)	1.651 m (5'–5")	889 (35)	2.54 m (8'–4")	2.286 m (7'–6")	140 (5 ½)	610 (24)	1:2.0
1500 (60)	3960 (8730)	152 (6)	889 (35)	1.524 m (5'–0")	991 (39)	2.515 m (8'–3")	2.438 m (8'–0")	127 (5)	*	1:1.9
1650 (66)	4860 (10710)	165 (6 ½)	762 (30)	1.829 m (6'–0")	686 (27)	2.515 m (8'–3")	2.591 m (8'–6")	140 (5 ½)	*	1:1.7
1800 (72)	5680 (12520)	178 (7)	914 (36)	1.981 m (6'–6")	533 (21)	2.514 m (8'–3")	2.743 m (9'–0")	152 (6)	*	1:1.8
1950 (78)	6700 (14770)	191 (7 ½)	914 (36)	2.286 m (7'–6")	533 (21)	2.819 m (9'–3")	2.895 m (9'–6")	165 (6 ½)	*	1:1.8
2100 (84)	8240 (18160)	203 (8)	914 (36)	2.299 m (7'–6½")	533 (21)	2.832 m (9'–3½")	3.048 m (10'–0")	165 (6 ½)	*	1:1.6

* Radius as furnished by manufacturer

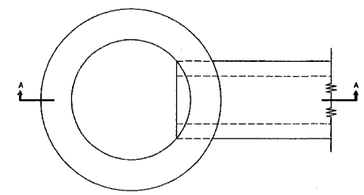
GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

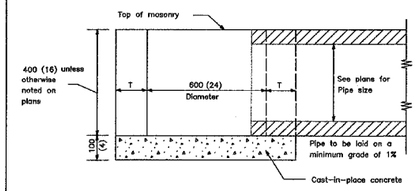
All dimensions are in millimeters (inches) unless otherwise shown.

PRECAST REINFORCED CONCRETE FLARED END SECTION

STANDARD 542301

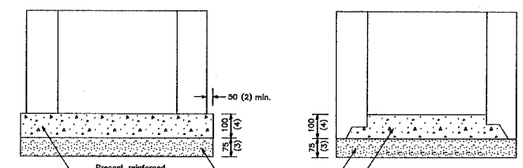


PLAN



SECTION A–A

ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	200 (8)
CAST–IN–PLACE CONCRETE	150 (6)
CONCRETE MASONRY UNIT	125 (5)
PRECAST REINFORCED CONCRETE SECTION	75 (3)

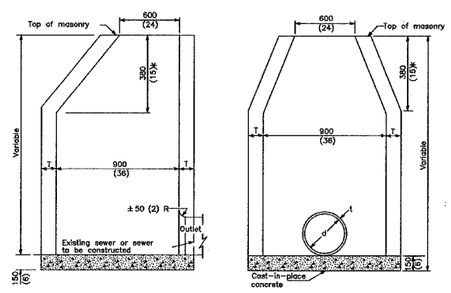


ALTERNATE METHODS

All dimensions are in millimeters (inches) unless otherwise shown.

INLET – TYPE A

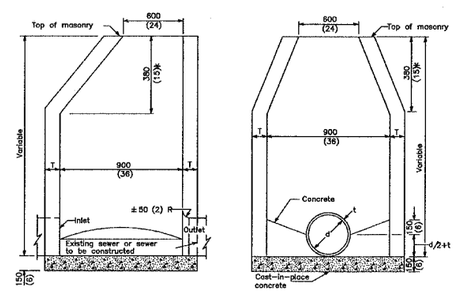
STANDARD 602301



ELEVATION – ECCENTRIC

ELEVATION – CONCENTRIC

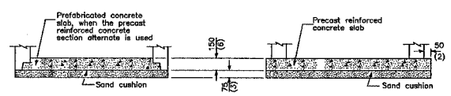
INLET WITH OUTLET PIPE ONLY



ELEVATION – ECCENTRIC

ELEVATION – CONCENTRIC

INLET WITH INLET AND OUTLET PIPES



ALTERNATE BOTTOM SLAB

ALTERNATE MATERIALS FOR WALLS	T (min.)
Concrete Masonry Unit	125 (5)
Brick Masonry	200 (8)
Precast Reinforced Concrete Section	75 (3)
Cast-in-Place Concrete	150 (6)

GENERAL NOTES

* This dimension for Precast Reinforced Concrete Sections may vary from the dimension given to plus 150 mm (6").

See Standard 602601 for Optional Precast Reinforced Concrete Flat Slab Top.

All dimensions are in millimeters (inches) unless otherwise shown.

INLET – TYPE B

STANDARD 602306

JACKSONVILLE MUNICIPAL AIRPORT
JACKSONVILLE, ILLINOIS

STANDARD DRAWINGS

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

DRAWN BY: T.J.D.	ILL. PROJ. NO. IJX–3435
DATE : JUNE, 2005	AIP PROJ. NO. 3–17–0054–B10

2335Y009
1"=1'