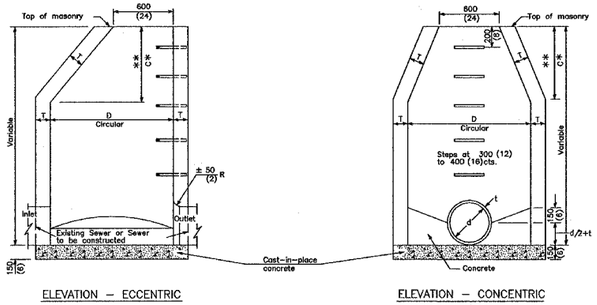
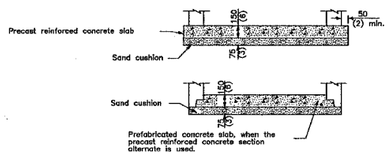


ELEVATION – ECCENTRIC

ELEVATION – CONCENTRIC

ALTERNATE MATERIALS FOR WALLS	D	C	T (min.)
Concrete Masonry Unit	1.2 m (4'–0") 1.5 m (5'–0")	750 (30) 1.15 m(3'–8"	125 (5) 125 (5)
Brick Masonry	1.2 m (4'–0") 1.5 m (5'–0")	750 (30) 1.15 m(3'–8"	200 (8) 200 (8)
Precast Reinforced Concrete Section	1.2 m (4'–0") 1.5 m (5'–0")	750 (30) 1.15 m(3'–8"	100 (4) 125 (5)
Cast-in-place Concrete	1.2 m (4'–0") 1.5 m (5'–0")	750 (30) 1.15 m(3'–8"	150 (6) 150 (6)



ALTERNATE BOTTOM SLAB

GENERAL NOTES

See Standard 602701 for details of steps.

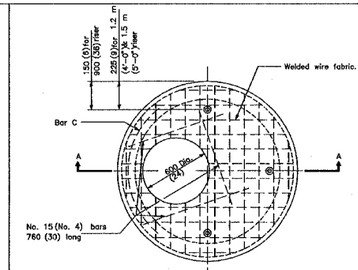
* Dimension "C" for Precast Reinforced Concrete Sections may vary from the dimension given to plus 150 mm (6").

** See Standard 602501 for Optional Precast Reinforced Concrete Flat Slab Top.

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

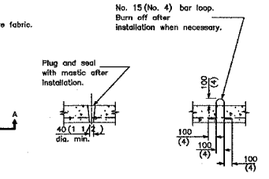
MANHOLE TYPE A

STANDARD 602401



PLAN

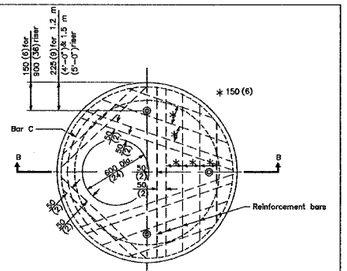
(WELDED WIRE FABRIC)



LIFTING HOLE OR LIFTING LOOP

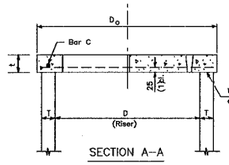
TYPICAL

(3 required per slab)

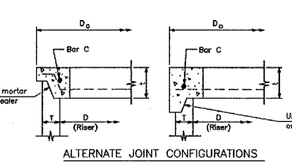


PLAN

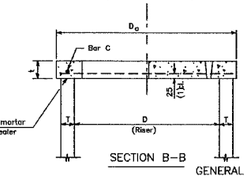
(REINFORCEMENT BARS)



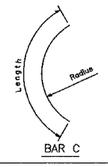
SECTION A–A



ALTERNATE JOINT CONFIGURATIONS



SECTION B–B



BAR C

TABLE

D	T	D_o (min.)	t	Reinforcement A_s W.W.F. each direction	OR Bar size	No. 15 (No. 4) Bar C Length	Radius
900 (36)	See applicable Standards		150 (6)	425 mm²/m (.20 sq. inch/ft.)	No. 15 (No. 4)	1.2 m (4'–0")	480 (19)
1.2 m (4'–0")		D + 2T	150 (6)	740 mm²/m (.35 sq. inch/ft.)	No. 15 (No. 5)	1.35 m (4'–6")	660 (26)
1.5 m (5'–0")			200 (8)	740 mm²/m (.35 sq. inch/ft.)	No. 15 (No. 5)	1.5 m (5'–0")	810 (32)

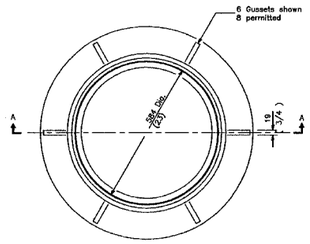
GENERAL NOTES

The flat slab top may be used in lieu of the tapered tops shown on Standards 602001, 602011, 602306, 602401, or 602501 at the option of the Contractor or when field conditions prohibit the use of tapered tops.

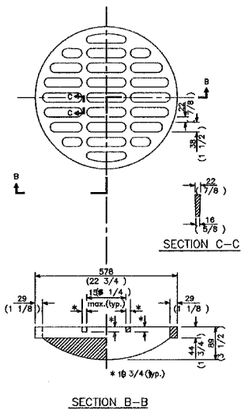
All dimensions are in millimeters (inches) unless otherwise shown.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

STANDARD 602601



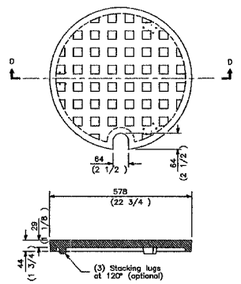
CAST FRAME



SECTION C–C

SECTION B–B

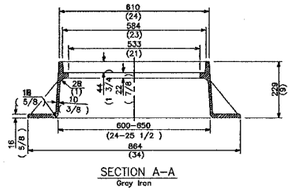
CAST OPEN LID



SECTION D–D

CAST CLOSED LID

Gray Iron Lid



SECTION A–A

Gray Iron

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

FRAME AND LIDS TYPE 1

STANDARD 604001–02

JACKSONVILLE MUNICIPAL AIRPORT
JACKSONVILLE, ILLINOIS

STANDARD DRAWINGS

HUTCHISON ENGINEERING, INC.
JACKSONVILLE, ILLINOIS

DRAWN BY: T.J.D.
DATE : JUNE, 2005

ILL. PROJ. NO. IJX–3435
AIP PROJ. NO. 3–17–0054–B10

2335Y010
1" = 1'