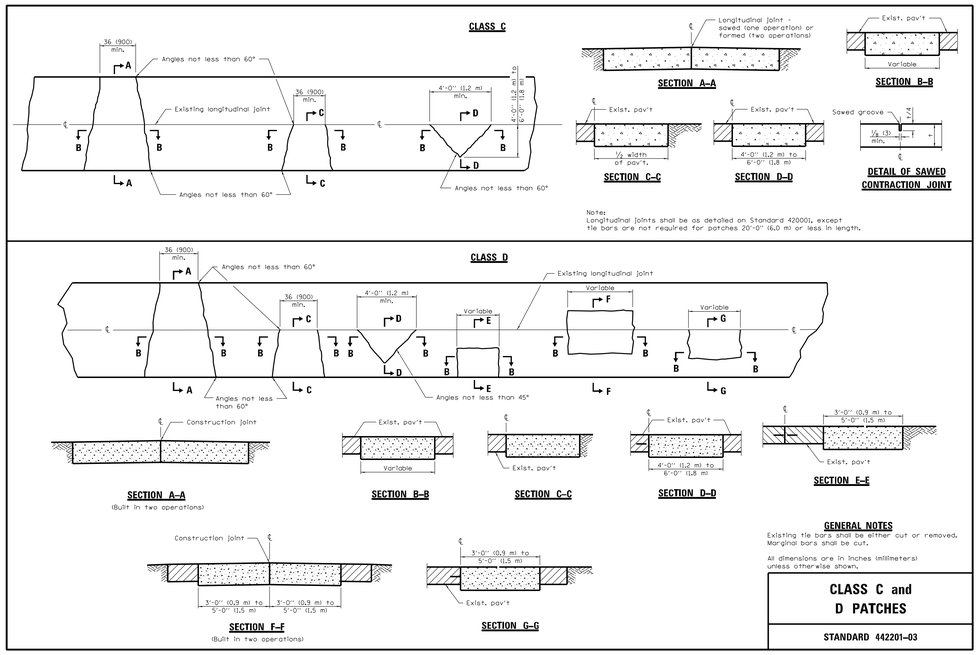
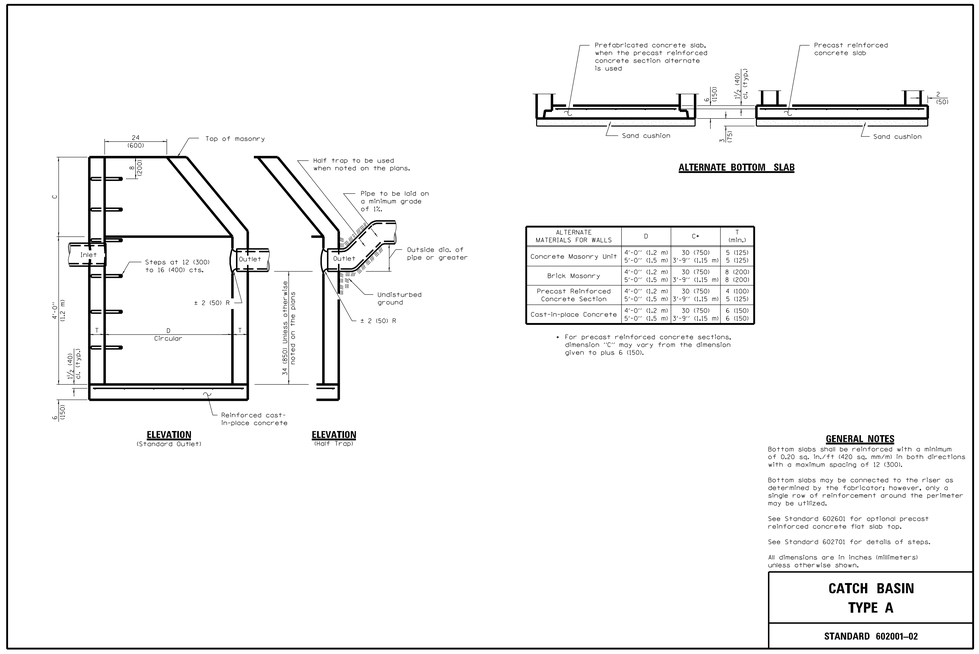


CLASS C and D PATCHES

STANDARD 442201–03



ALTERNATE MATERIALS FOR WALLS	D	C*	T (min.)
Concrete Masonry Unit	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	5 (125) 5 (125)
Brick Masonry	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	8 (200) 8 (200)
Precast Reinforced Concrete Section	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	4 (100) 5 (125)
Cast-in-place Concrete	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	6 (150) 6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0,20 sq. in./ft (420 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

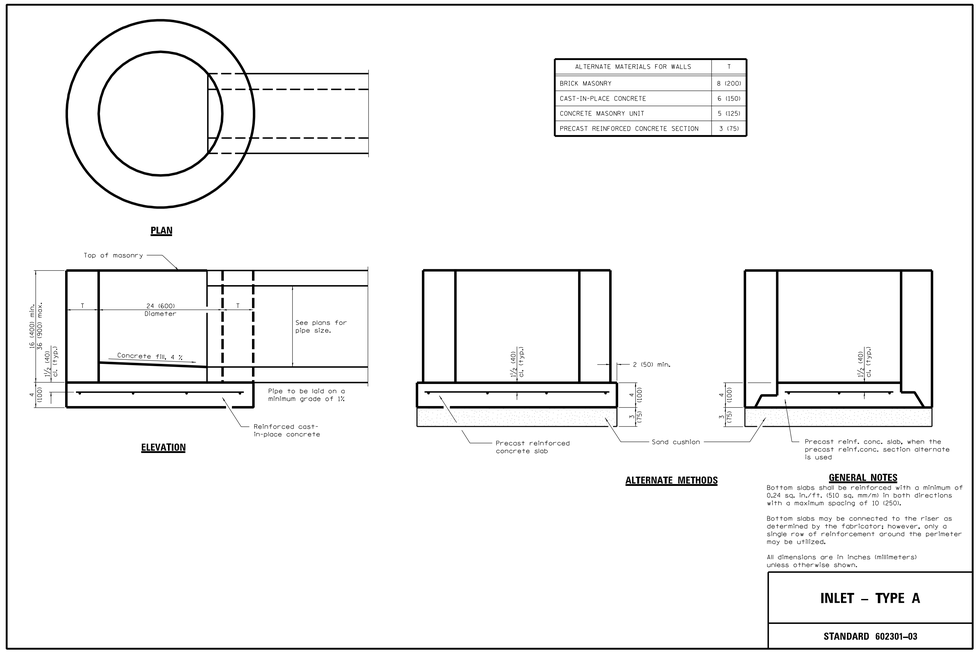
See Standard 602601 for optional precast reinforced concrete flat slab top.

See Standard 602701 for details of steps.

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

CATCH BASIN TYPE A

STANDARD 602001–02



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

GENERAL NOTES

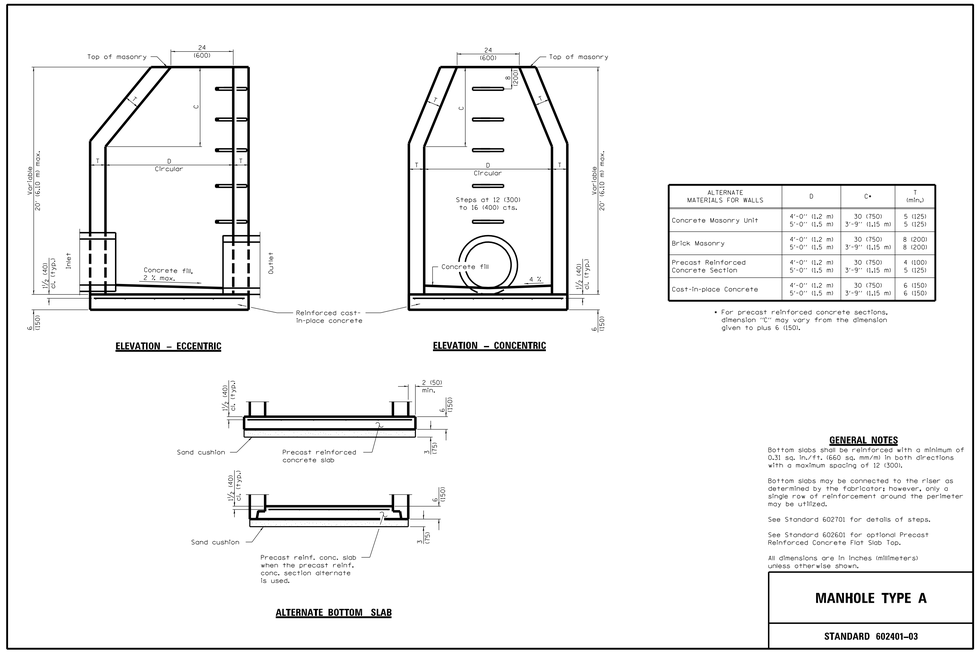
Bottom slabs shall be reinforced with a minimum of 0,24 sq. in./ft. (510 sq. mm/m) in both directions with a maximum spacing of 10 (250).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

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

INLET – TYPE A

STANDARD 602301–03



ALTERNATE MATERIALS FOR WALLS	D	C*	T (min.)
Concrete Masonry Unit	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	5 (125) 5 (125)
Brick Masonry	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	8 (200) 8 (200)
Precast Reinforced Concrete Section	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	4 (100) 5 (125)
Cast-in-place Concrete	4'-0" (1,2 m) 5'-0" (1,5 m)	30 (750) 3'-9" (1,15 m)	6 (150) 6 (150)

* For precast reinforced concrete sections, dimension "C" may vary from the dimension given to plus 6 (150).

GENERAL NOTES

Bottom slabs shall be reinforced with a minimum of 0.31 sq. in./ft. (660 sq. mm/m) in both directions with a maximum spacing of 12 (300).

Bottom slabs may be connected to the riser as determined by the fabricator; however, only a single row of reinforcement around the perimeter may be utilized.

See Standard 602701 for details of steps.

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

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

MANHOLE TYPE A

STANDARD 602401–03

PRINTED DATE: 2/18/2011
FILE PATH: K:\DFCS\Capvill\e va hospital\0 551 infrastructure maintenance improvements\cadd\draw ings\Sheets\2 1_DE-4_Details.dgn

Drawing Title: **STANDARD DETAILS**

Project Title: **FCA REMOVE AND REPLACE ASPHALT ROADWAY AND CONCRETE WALKS STATION WIDE**

Date: 2/18/2011

Project No.: 550-10-119

Building Number | Checked: P.T. | Drawn: M.D.

DRAWING NO.: **DE-4** 21 of 24

Location: VA ILLIANA HEALTH CARE SYSTEM DANVILLE, ILLINOIS

Office of Facilities

Department of Veteran Affairs