

# STRUCTURE SCHEDULE

NO.	STATION/OFFSET	STRUCTURE TYPE	PROPOSED RIM ELEV.	PROPOSED INV. ELEV.
1	STA. 12+75 325.00' RT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	W. = 717.00
2	STA. 12+75 225.00' RT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	E. = 716.50 W. = 716.40
3	STA. 12+75 125.00' RT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	E. = 715.90 W. = 715.80
4	STA. 12+75 25.00' RT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	E. = 715.30 W. = 715.20
5	STA. 12+75 75.00' LT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	E. = 714.70 W. = 714.60
6	STA. 12+75 175.00' LT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	E. = 716.50 W. = 716.40
7	STA. 12+75 275.00' LT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	719.50	E. = 714.10 W. = 714.00
8	STA. 12+75 368' LT	NEW TYPE A-6 MANHOLE W/ FLATTOP, TYPE 1 FRAME AND LID	MATCH EXISTING GRADE	E = 713.54 N = FIELD VERIFY S = FIELD VERIFY

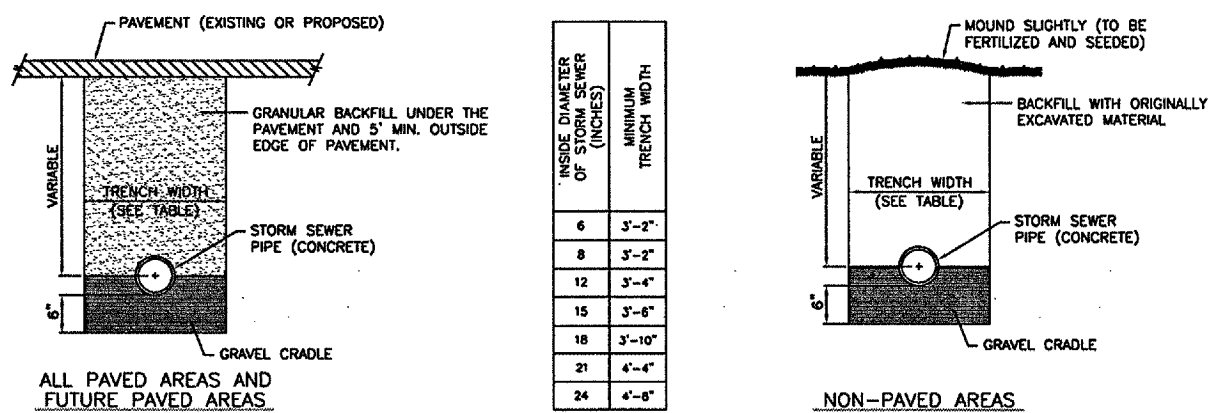
## GENERAL NOTES

- STRUCTURAL CONCRETE (ITEM 610) SHALL BE USED.
- EXPOSED EDGES SHALL BE BEVELED 1".
- SHOP DRAWINGS WILL BE REQUIRED FOR EACH STRUCTURE AND FRAME AND FOR GRATES.
- A 6" GRANULAR BEDDING CONFORMING TO SECTION 751 SHALL BE PROVIDED UNDER THE FULL LENGTH AND WIDTH OF THE PRECAST UNIT. ALL VOIDS AROUND THE PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH A HYDRAULIC MORTAR.
- THE GRATING SHALL SEAT FIRMLY IN THE FRAME AND SHALL BE SECURED TO THE FRAME EXCEPT AS SHOWN AND NOTED. THE LENGTH AND WIDTH OF GRATING SHALL BE SUCH AS TO LEAVE NO MORE THAN 5/8" CLEARANCE ON EITHER SIDE WHEN PLACED IN THE FRAME. THE STEEL GRATING SHALL BE CUT IN SUCH A MANNER THAT ALL RIVETED OR WELDED CONNECTIONS ARE LEFT IN TACT.
- ALL CASTINGS SHALL BE NEENAH TYPE C OPEN LID OR EQUAL. THESE CASTINGS SHALL BE BICYCLE SAFE.

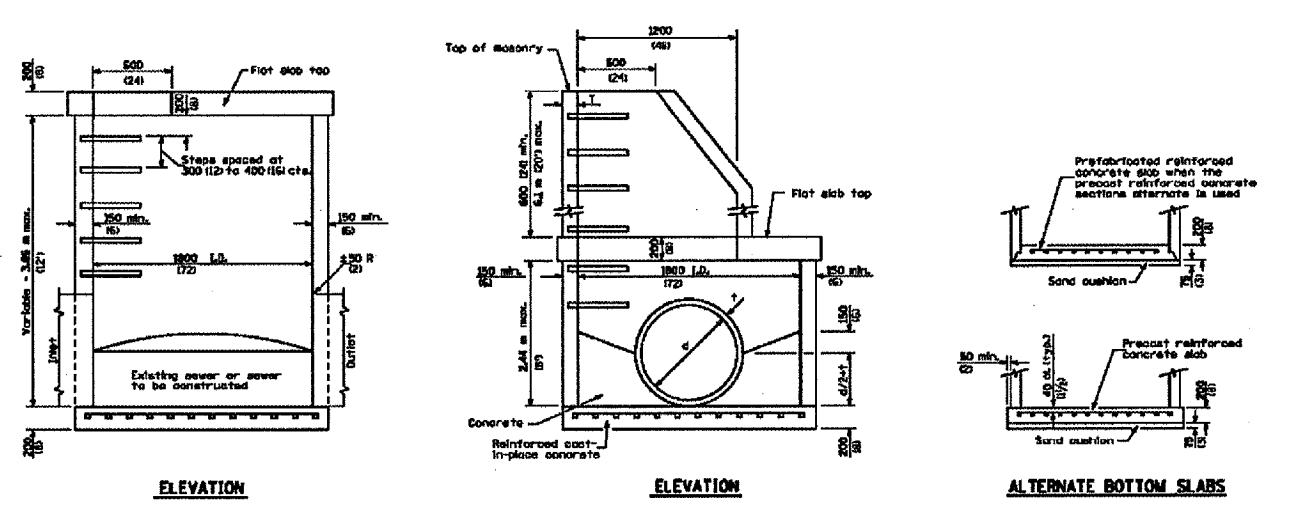
**R0010**  
**TOTAL SHEETS = 24**

REVISIONS		
NUMBER	BY	DATE

0 1  
THIS BAR IS EQUAL TO 1"  
AT FULL SCALE (17 X 11).



TRENCH DETAILS - STORM SEWER



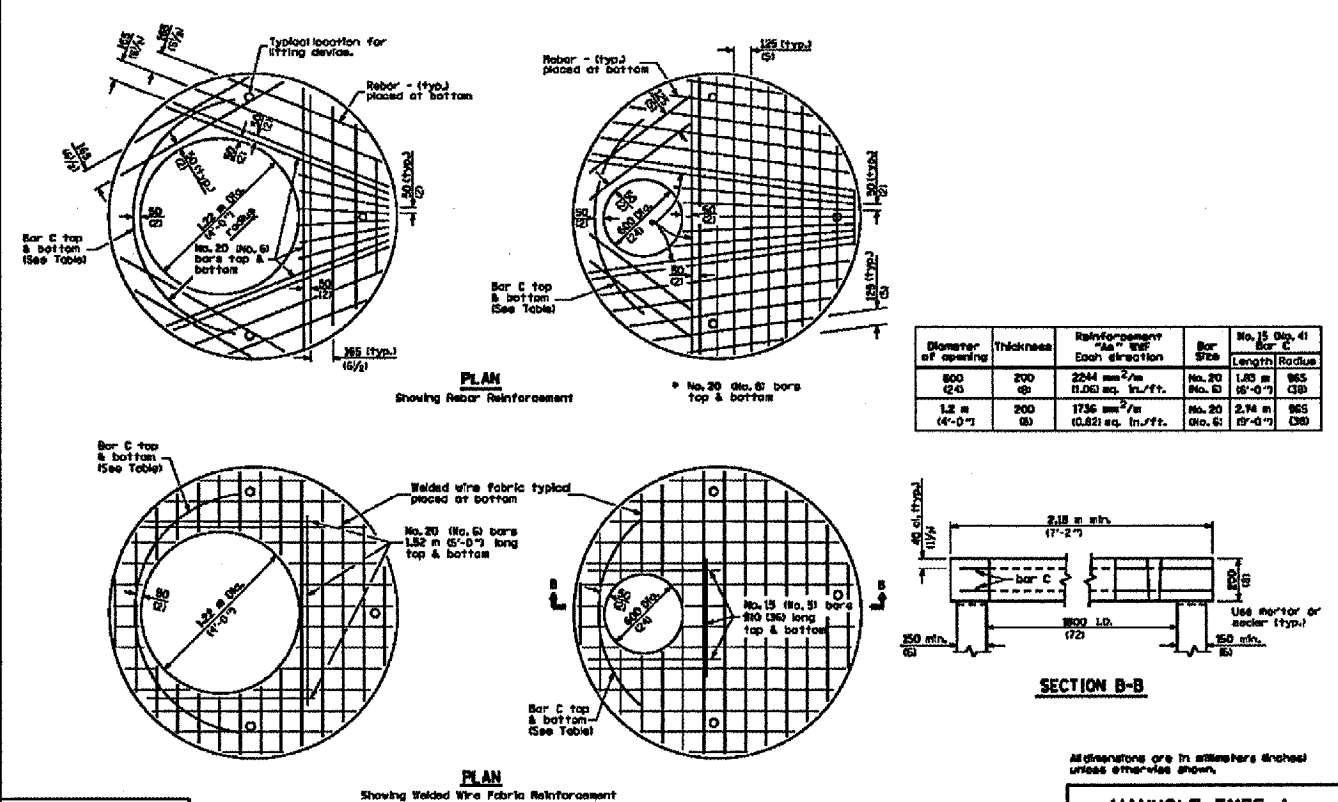
## GENERAL NOTES

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.  
Lifting devices shall be approved by the Engineer.  
Bottom slabs shall be reinforced with a minimum of 315 mm<sup>2</sup>/m (24.4 sq. in./ft.) in both directions.  
See Standard 602401 for details of cast-in-place concrete.  
All dimensions are in millimeters unless otherwise shown.

ALTERNATE MATERIALS FOR WALLS	Y
Concrete Masonry Units	125 (5)
Precast Reinforced Concrete Sections	100 (4)
Cast-in-Place Concrete	150 (6)

DATE	REVISIONS
1-1-03	Added general note for reinforcement.
1-1-01	Revised Standard 60240-1. Deleted Dit Symbol. Rev. bars add to opening.

**MANHOLE TYPE A**  
**1800 mm (72") DIAMETER**  
Sheet 1 of 2  
**STANDARD 602406-01**



Diameter of opening	Thickness	Reinforcement "As" "Typ" Each direction	Bar Size	No. 15 Dia. 41 Bar C Length/Radius
800 (24)	200 (8)	2244 mm <sup>2</sup> /m (17.02 sq. in./ft.)	No. 20 (No. 15) 180 (72")	No. 20 (No. 15) 965 (38")
1.2 m (4'-0")	200 (8)	1736 mm <sup>2</sup> /m (13.32 sq. in./ft.)	No. 20 (No. 15) 180 (72")	No. 20 (No. 15) 965 (38")

MANHOLE TYPE A  
1800 mm (72") DIAMETER  
Sheet 2 of 2  
STANDARD 602406-01

GREATER ROCKFORD AIRPORT AUTHORITY  
ROCKFORD, ILLINOIS  
ILLINOIS PROJECT: RFD-2820  
NORTH AND WEST AUTO PARKING  
DRAINAGE DETAILS

**CMT**  
CRANEFORD, MERRY & TLLY, INC.  
CONSULTING ENGINEERS  
Northwest Chicago International Airport

DESIGN BY: TAS  
DRAWN BY: CMT  
CHECKED BY: TAS  
APPROVED BY: *[Signature]*  
DATE: 5.13.2005  
JOB No: 05258-04-00