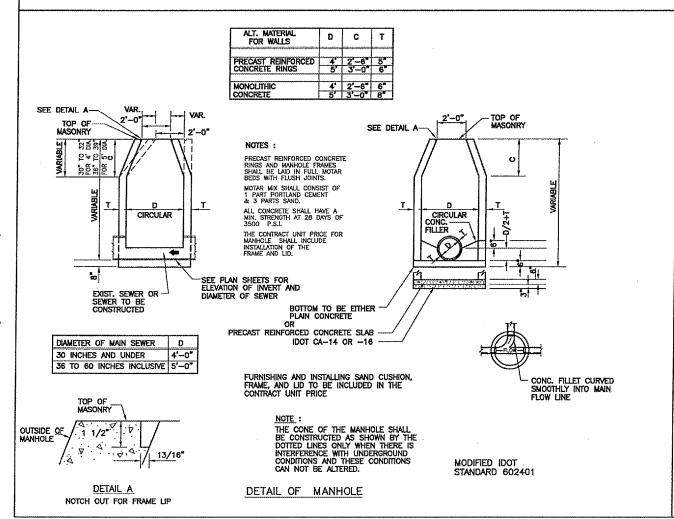
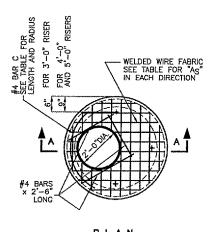
NOTES:

- 2. REMOVE BOLTS THAT HOLD THE GRATE TO TO THE FRAME AND DO NOT REINSTALL.

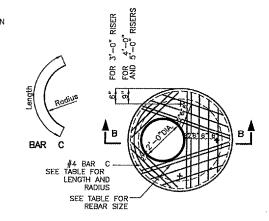
MANHOLE FRAME AND LID



G:\AIRPORT\A061024 R31 EXTN, PVMT\DRAINAGE3.DWG\ 02--25--07 QUAD CITY INTERNATIONAL AIRPORT RUNWAY 31 EXTENSION - PAVING ILL. MLI-3689, QU005 SHEET 20 OF 58



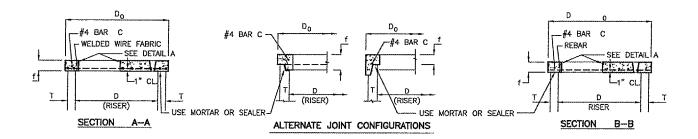
-#4 BAR LOOP BURN OFF AFTER INSTALLATION WHEN NECESSARY PLUG AND SEAL WITH MASTIC AFTER INSTALLATION 1 1/2" DIA. (MIN.) LIFTING LOOP LIFTING HOLE TYPICAL (3 REQUIRED PER SLAB)



PLAN SHOWING WELDED WIRE FABRIC

PLAN SHOWING REBAR REIFORCEMENT
WITH TYPICAL SPACING

D	т	D ₀	f	REINFORCEMENT		#4 BAR C	
				"As " W.W.F. OF EACH DIRECTION	BAR SIZE	LENGTH	RADIUS
3'~0"	ds 527,		6"	.20 sq.in./lin.ft.	#4	4'0"	1'7"
4'-0"	anda 526,1 1886	1 21	6"	.35 sq.in./lin.ft.	#5	4'-6"	2'-2"
5'-0"	See St 1514, 11	C	8"	.35 sq.in./lin.ft.	#5	5'-0"	2'-8"

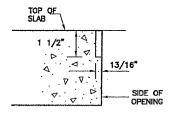


NOTES:

- 1. PRECAST FLAT SLAB TOPS SHALL CONFORM TO SECTION 602 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 2. REINFORCEMENT BARS OR WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH ARTICLE 1006.04 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- 3. JOINT CONFIGURATION AND DIMENSIONS SHALL MATCH AND FIT THE RISER JOINT DETAIL.
- LIFTING DEVICES OTHER THAN SHOWN MAY BE USED SUBJECT TO APPROVAL BY THE ENGINEER.
- 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.
- 6. THE COST OF FURNISHING AND INSTALLING THE FLAT SLAB TOP SHALL BE INCLUDED IN THE UNIT PRICE FOR CATCH BASINS, MANHOLES, OR VALVE VAULTS.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP FOR MANHOLES, CATCH BASINS AND VALVE VAULTS

> MODIFIED I.D.O.T. STANDARD 602601



DETAIL A

FOR 8' DIAMETER MANHOLES, SEE IDOT STANDARD 602416. MANHOLE FRAME LIP NOTCH OUT DETAIL AND ADDITIONAL BEDDING REQUIREMENTS THAT ARE SHOWN ON THIS SHEET SHALL BE APPLIED TO IDOT STANDARD 602416.