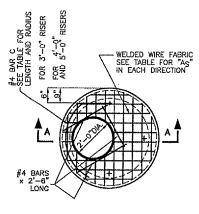


G:\AIRPORT\A051031\DRAINAGE3.DWG\ 05-12-06 QUAD CITY INTERNATIONAL AIRPORT RUNWAY 31EXTENSION — EARTHWORK ILL. MLI-3564, QUO01 SHEET 14 OF 52

3'-0" | 4'-0" 5'-0"

R R R



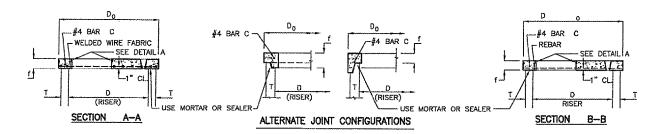
PLUG AND SEAL WITH MASTIC AFTER INSTALLATION - #4 BAR LOOP BURN OFF AFTER INSTALLATION WHEN NECESSARY 1 4" HOOK 1 1/2" DIA. (MIN.) LIFTING HOLE LIFTING LOOP TYPICAL

PLAN SHOWING WELDED WIRE FABRIC

BAR #4 BAR SEE TABLE FOR SEE TABLE FOR REBAR SIZE PLAN SHOWING REBAR REIFORCEMENT
WITH TYPICAL SPACING

TABLE REINFORCEMENT | #4 BAR C "AS " W.W.F. OR BAR LENGTH RADIUS 3'-0" 6" .20 sq.in./lin.ft. #4 4'-0" 1'-7" 4"~0" 6" .35 sq.in./lin.ft. #5 4'-6" 2'-2" 5'~0" 8" .35 sq.in./lin.ft. #5 5'-0" 2'-8"

(3 REQUIRED PER SLAB)



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.
- 5. 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.

1 1/2" ◁ 13/16" . 7 . 7. SIDE OF  $\nabla$ .

DETAIL A

FOR 7" DIAMETER MANHOLES, SEE IDOT STANDARD 602411. MANHOLE FRAME LIP NOTCH OUT DETAIL AND ADDITIONAL BEDDING REQUIREMENTS THAT ARE SHOWN ON THIS SHEET SHALL BE APPLIED TO IDOT STANDARD 602411.

PRECAST REINFORCED CONCRETE FLAT SLAB TOP

FOR MANHOLES, CATCH BASINS

AND VALVE VAULTS

MODIFIED I.D.O.T.

STANDARD 602601