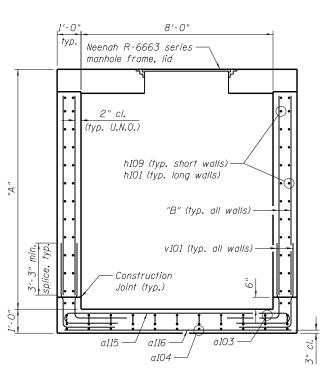


10'-0" 16-#5 a103 bars at 8" cts., Bottom 16-#5 a104 bars at 8" cts., Top #5 all5 bars at 8" cts.. -#5 all6 bars at 8" cts. (44"x62") (center over lifting hook)  $\triangleright B$ 3′-10" 12" thick wall below (typ.)

PLAN VIEW SHOWING TOP SLAB REINFORCEMENT

13'-0"

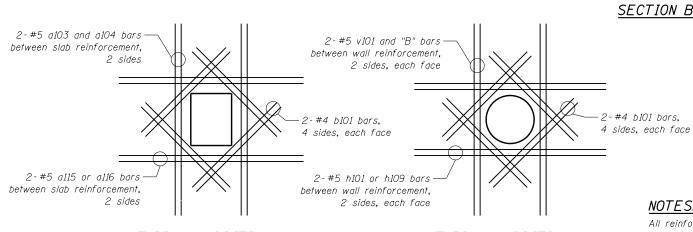
a104 —



SECTION A-A

v107 26 10'-0" 7'-4<sup>3</sup>4" 22 v108 C9 v109 16 8′-8<sup>3</sup>8" v110 20 C10 v111 30 13'-9<sup>5</sup>g" v112 30 C12 v113 16 v114 7'-4<sup>3</sup>4" 16 v115 7'-2<sup>3</sup>8" v116 16 8'-0" v117 18 8'-6" v118 18

*VARIABLES* 



SCALE:

TYPICAL ADDITIONAL REINFORCEMENT AROUND MANHOLE FRAME LID

TYPICAL ADDITIONAL REINFORCEMENT AROUND PIPE **PENETRATIONS** 

1'-0"

NOTES:

All reinforcement to have 2" clear cover unless noted otherwise. Cost of sump pits included with Concrete Structures.

1'-0"

 $f_C' = 3,500 psi$ 

 $f_V = 60,000 \text{ psi (Reinforcement)}$ 

U.N.O. - Unless Noted Otherwise

E					
	LIN ENGINEERING,LTD.				
	Consulting Engineers	PL			
	Springfield, Illinois	PL			

	USER NAME = seb	DESIGNED -	RGB	REVISED -
S,LTD.		DRAWN -	AJF	REVISED -
ers	PLOT SCALE = 0:2.0000 ':' / in.	CHECKED -	LMS	REVISED -
	PLOT DATE = 9/23/2014	DATE -	08/22/2014	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

FORCE MAIN VAULTS STRUCTURAL DETAILS - C6, C8-C18 11'x8'							F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
MISSOURI AVENUE DEEP WELL FACILITY								64	82-4T-1	ST. CLAIR	185	49
										CONTRACT	NO. 7	76G99
ALE:	SHEET	07	OF	80	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

SECTION B-B

11'-0"