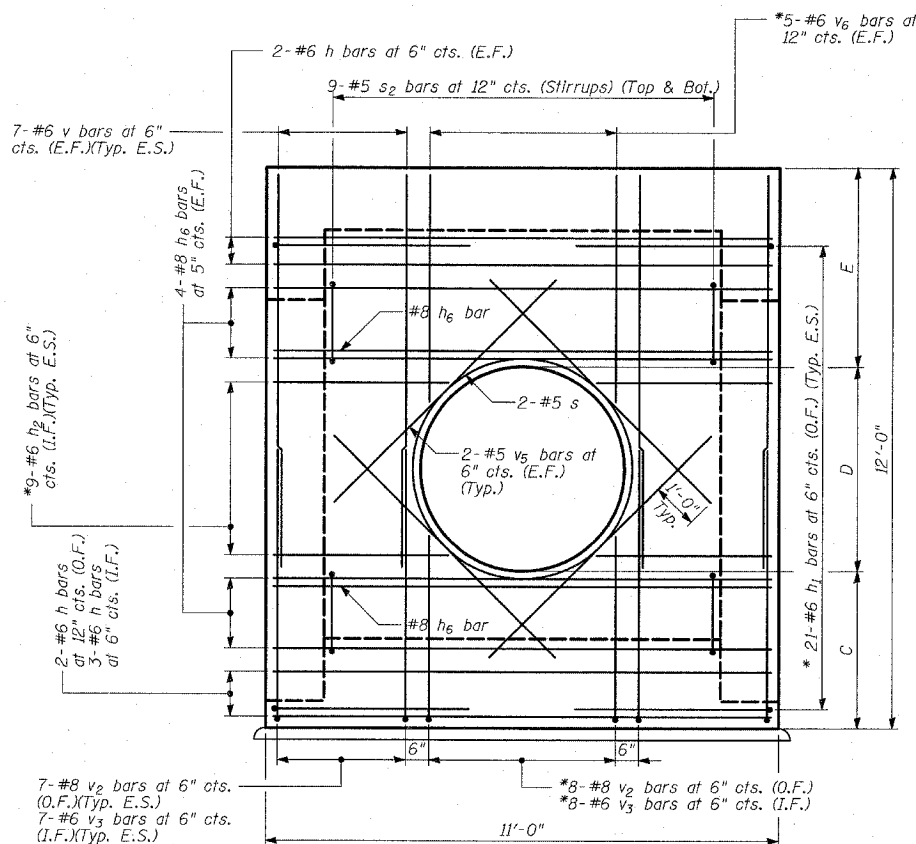
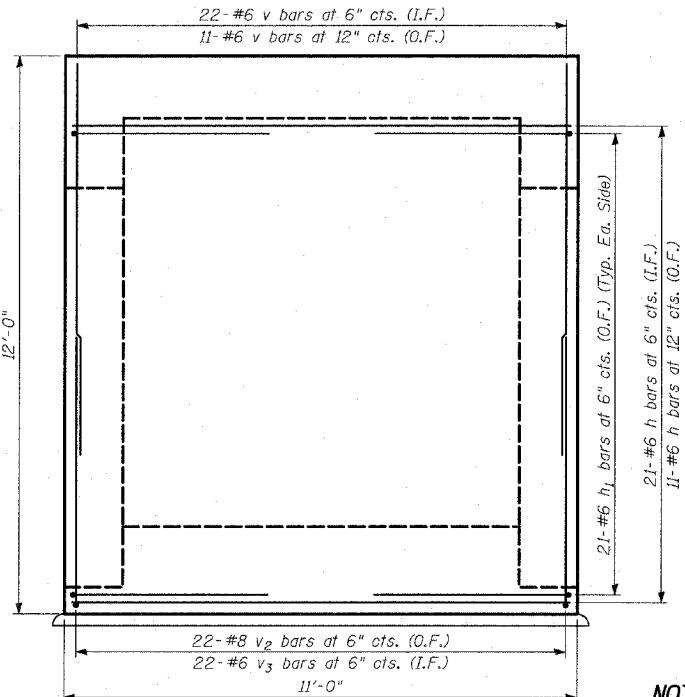


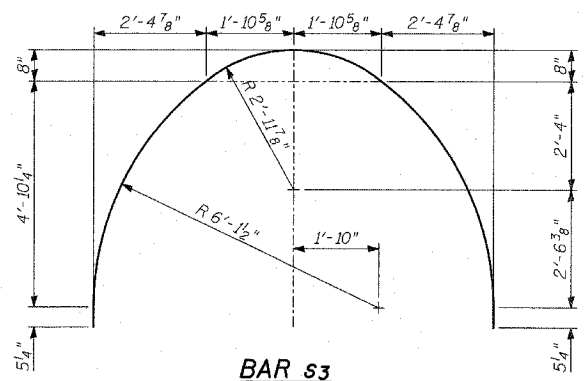
**SECTION B-B**  
(Opposite Wall Typical)



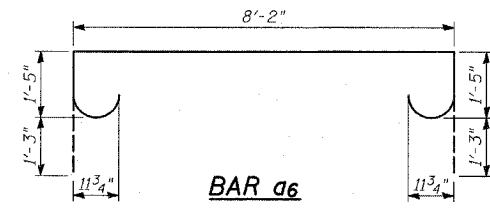
**SECTION E-E**



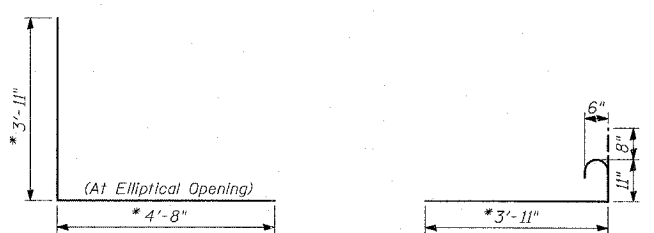
**SECTION D-D**



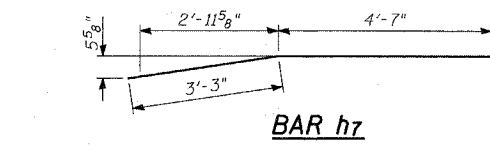
**BAR s3**



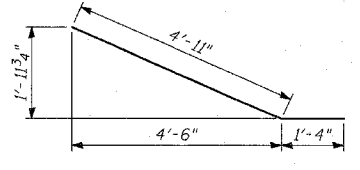
**BAR a6**



**BAR h1**



**BAR h7**



**BAR h3**

**NOTES:**

- All dimensions and elevations shall be field verified prior to construction.
  - Concrete pipe sizes shall be coordinated with openings provided into junction chamber before pouring concrete.
  - Manhole Frame, Ladder Rungs, and any inserts installation shall be coordinated with Roadway Plans.
  - Concrete cover for reinforcement steel to be 2" unless otherwise noted.
  - All concrete edges shall be chamfered 1 inch.
  - All lap splices marked on the drawings are minimum.
  - Concrete Compressive Strength  $f_c' = 3,500$  psi.
  - Steel Yield Strength = 60,000 psi.
  - Work this Sheet with Sheets 1 and 2 of 3.
- \* Cut bars to fit in field.  
E.F. - denotes Each Face  
E.S. - denotes Each Side  
I.F. - denotes Inside Face  
O.F. - denotes Outside Face

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a	26	#6	10'-8"	—
a1	31	#9	13'-2"	U
a2	4	#8	10'-8"	—
a3	4	#5	4'-0"	—
a4	12	#5	5'-4"	—
a5	11	#5	8'-2"	—
a6	17	#9	13'-6"	U
h	41	#6	10'-8"	—
h1	84	#6	8'-7"	L
h2	90	#6	5'-6"	U
h3	12	#8	6'-3"	—
h4	24	#8	12'-5"	—
h5	25	#6	12'-5"	—
h6	18	#8	10'-8"	—
h7	18	#5	7'-10"	—
h8	42	#9	14'-11"	U
v	101	#6	8'-5"	—
v1	50	#6	6'-0"	—
v2	64	#8	9'-9"	L
v3	88	#6	6'-9"	L
v4	16	#6	9'-10"	—
v5	16	#5	6'-8"	—
v6	10	#6	5'-0"	—
s	2	#5	16'-10"	○
s1	2	#5	12'-8"	○
s2	40	#5	5'-3"	□
s3	4	#6	16'-2"	◡
Reinforcement Bars		POUND	14,700	
Concrete Structures		CU YD	30	

**TYLIN INTERNATIONAL**

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
F.A.I. 94 (DAN RYAN EXPRESSWAY)  
**JUNCTION CHAMBER 63  
DETAILS 2**

S.N. \_\_\_\_\_ DESIGNED BY: TD, DJR  
SCALE: \_\_\_\_\_ DRAWN BY: DJR  
DATE: MARCH 1, 2006 CHECKED BY: MI