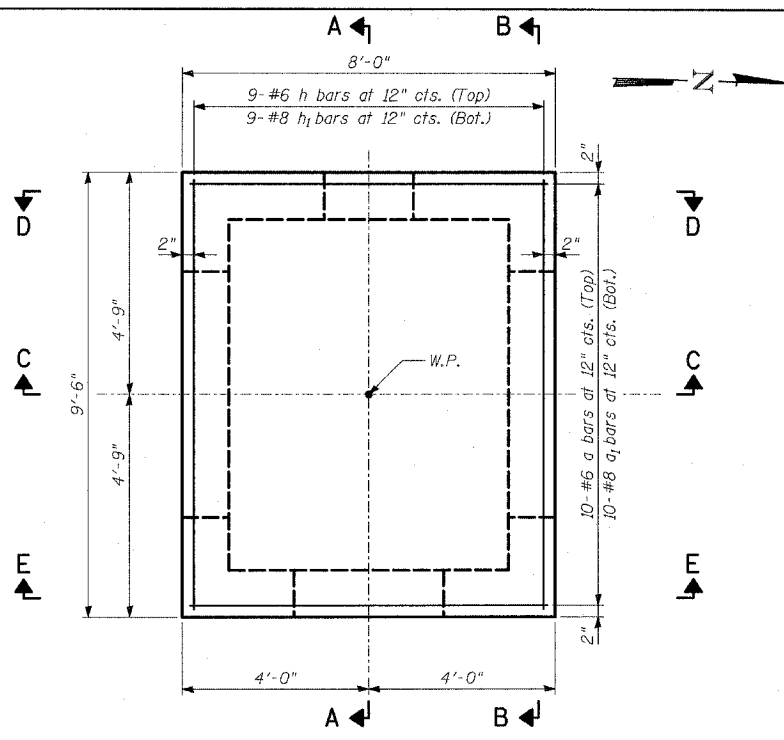
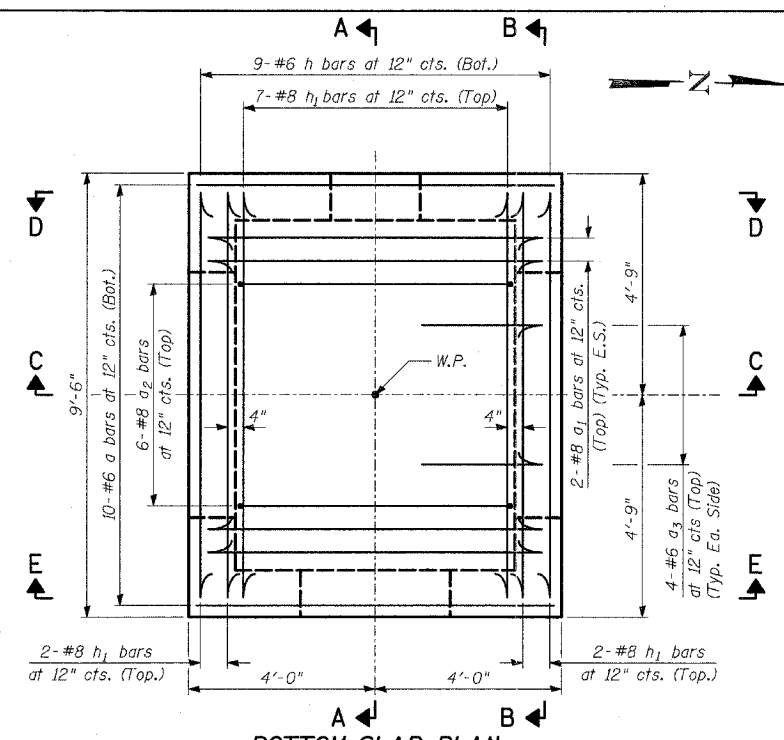


BILL OF MATERIAL

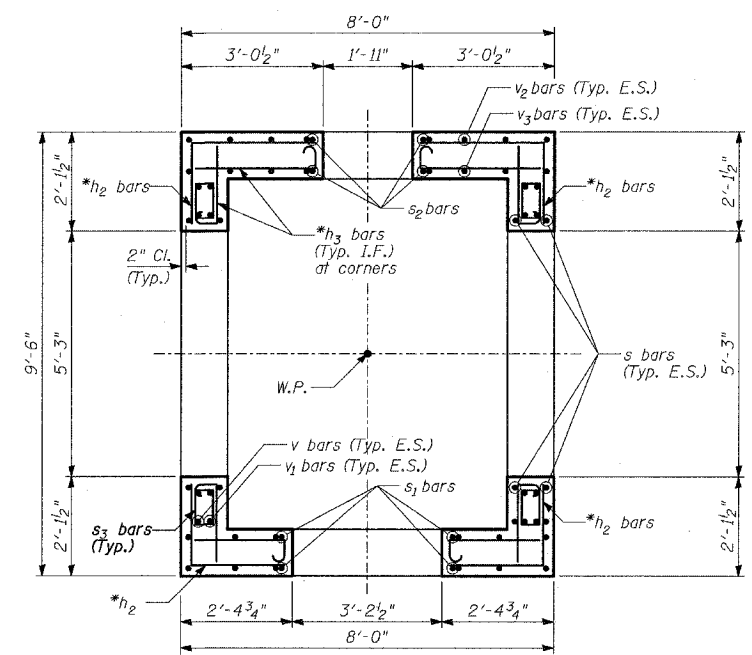
Bar	No.	Size	Length	Shape
a	20	#6	7'-8"	—
a ₁	14	#8	9'-6"	—
a ₂	6	#8	8'-10"	—
a ₃	8	#6	3'-6"	—
h	18	#6	9'-2"	—
h ₁	20	#8	11'-0"	—
h ₂	20	#5	6'-3"	—
h ₃	36	#5	3'-8"	—
h ₄	8	#8	4'-9"	—
h ₅	4	#5	7'-8"	—
s	4	#5	11'-0"	—
s ₁	2	#5	13'-5"	—
s ₂	2	#5	9'-3"	—
s ₃	20	#5	4'-5"	—
v	18	#5	8'-0"	—
v ₁	18	#5	6'-0"	—
v ₂	21	#5	8'-3"	—
v ₃	21	#5	5'-11"	—
v ₄	16	#5	7'-7"	—
v ₅	8	#5	4'-10"	—
v ₆	8	#5	5'-5"	—
Reinforcement Bars		POUND	2,990	
Concrete Structures		CU YD	9	



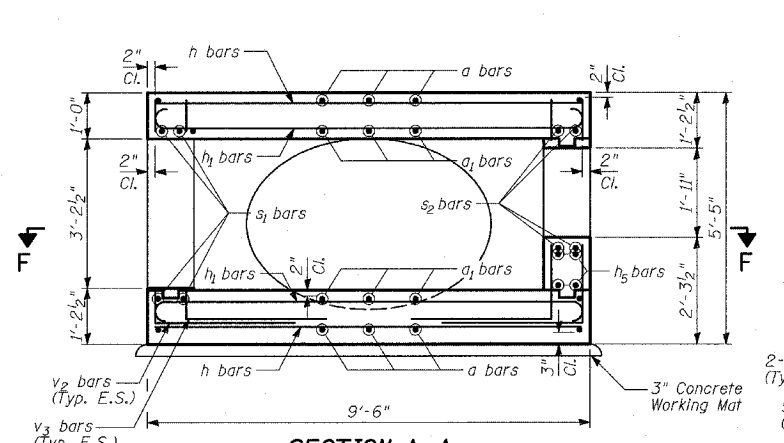
ROOF SLAB PLAN



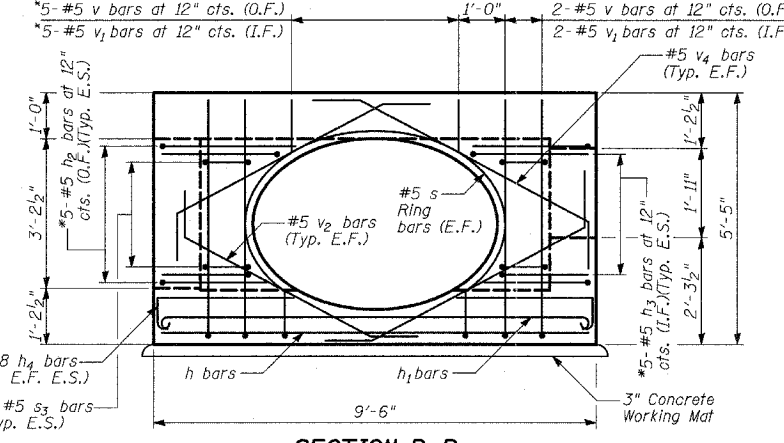
BOTTOM SLAB PLAN



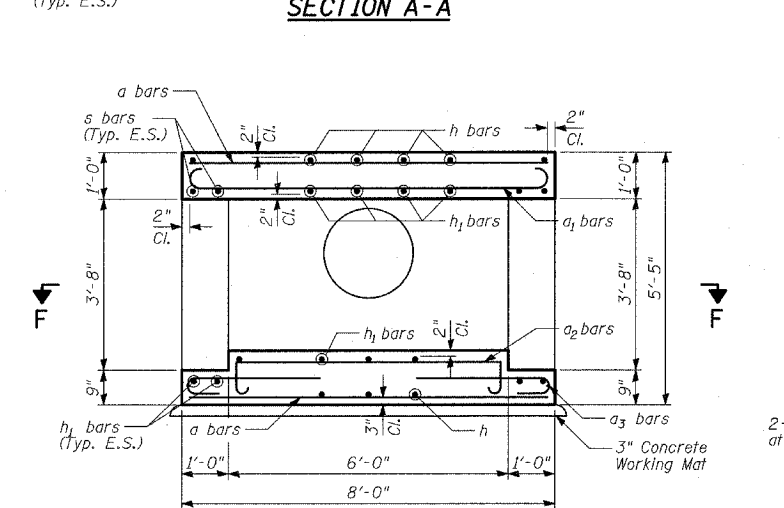
SECTIONAL PLAN F-F



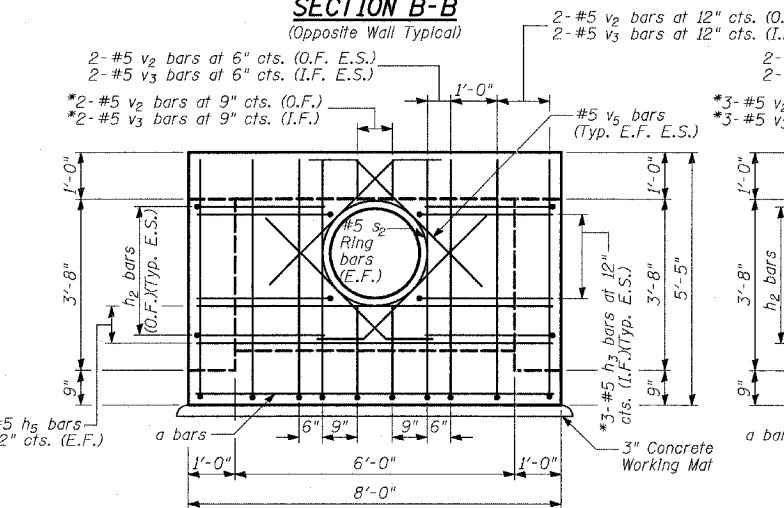
SECTION A-A



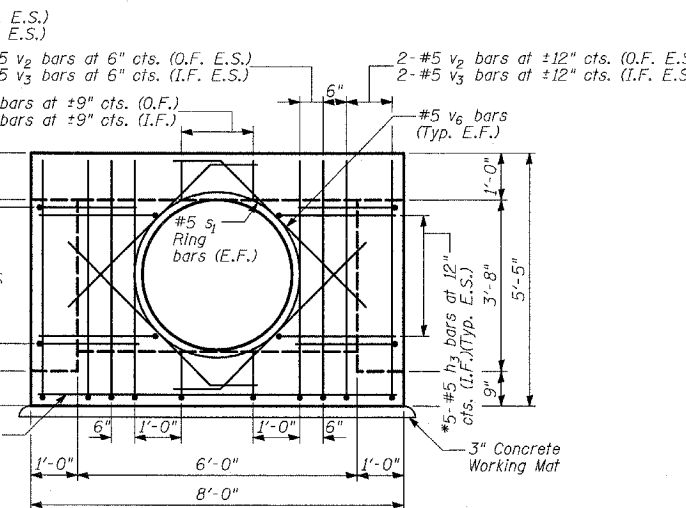
SECTION B-B
(Opposite Wall Typical)



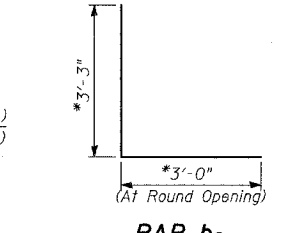
SECTION C-C



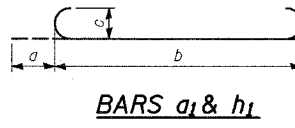
SECTION D-D



SECTION E-E

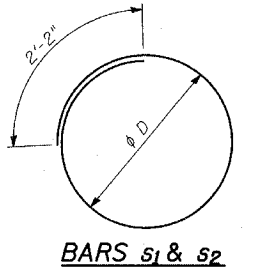


BAR h₂



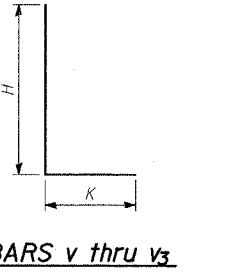
BARS a₁ & h₁

Bar	a	b	c
a ₁	11"	7'-8"	8"
h ₁	11"	9'-2"	8"



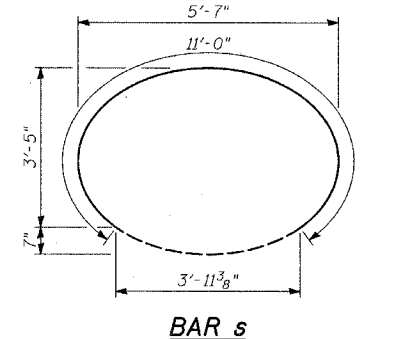
BARS s₁ & s₂

Bar	phi D
s ₁	3'-7"
s ₂	2'-3"



BARS v thru v₃

Bar	H	K
v	5'-0"	3'-0"
v ₁	5'-0"	1'-0"
v ₂	4'-11"	3'-4"
v ₃	4'-11"	1'-0"

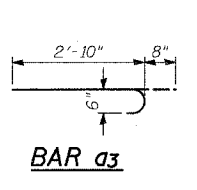


BAR s

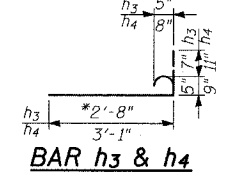
LEGEND:
 * Cut bars to fit in field.
 E.F. - denotes Each Face
 E.S. - denotes Each Side
 I.F. - denotes Inside Face
 O.F. - denotes Outside Face

NOTES:
 1. All dimensions and elevations shall be field verified prior to construction.
 2. Concrete pipe sizes shall be coordinated with openings provided into junction chamber before pouring concrete.
 3. Concrete cover for reinforcement steel to be 2" unless otherwise noted.
 4. All concrete edges shall be chamfered 1 inch.
 5. All lap splices marked on the drawings are minimum.
 6. Concrete Compressive Strength $f_c' = 3,500$ psi.
 7. Steel Yield Strength = 60,000 psi.
 8. Work this Sheet with Sheets 1 of 2.

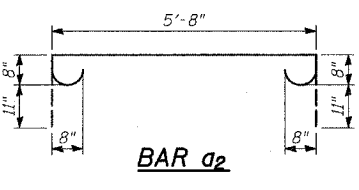
TYLIN INTERNATIONAL



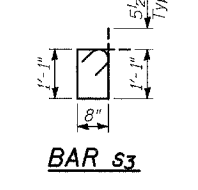
BAR a₃



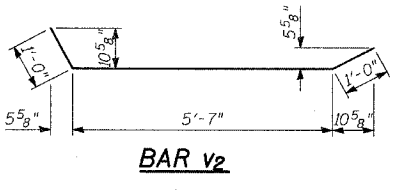
BAR h₃ & h₄



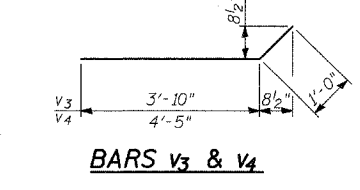
BAR a₂



BAR s₃



BAR v₂



BARS v₃ & v₄

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94 (DAN RYAN EXPRESSWAY)
JUNCTION CHAMBER 1516
DETAILS
 S.N. DESIGNED BY: MAF, SNB
 SCALE: N.T.S. DRAWN BY: MAF, SNB
 DATE: MARCH 7, 2006 CHECKED BY: MI