

BY	
REVISION	
DATE	

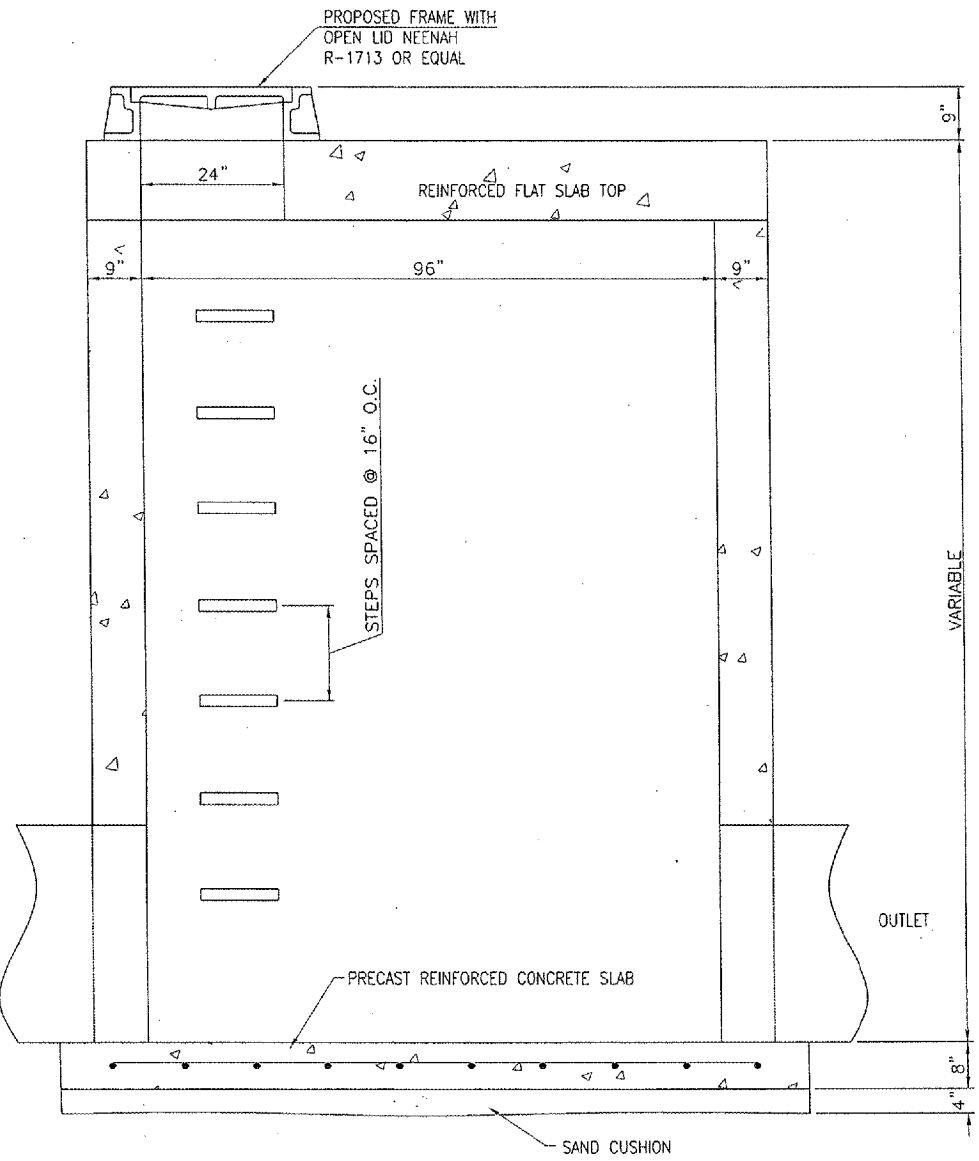
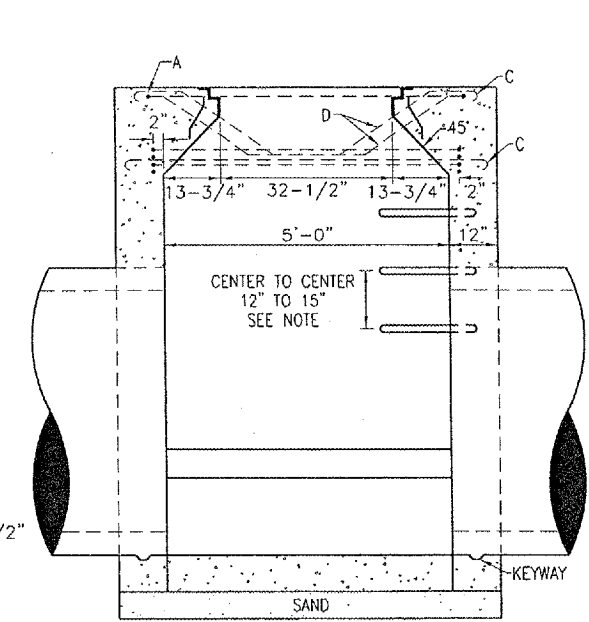
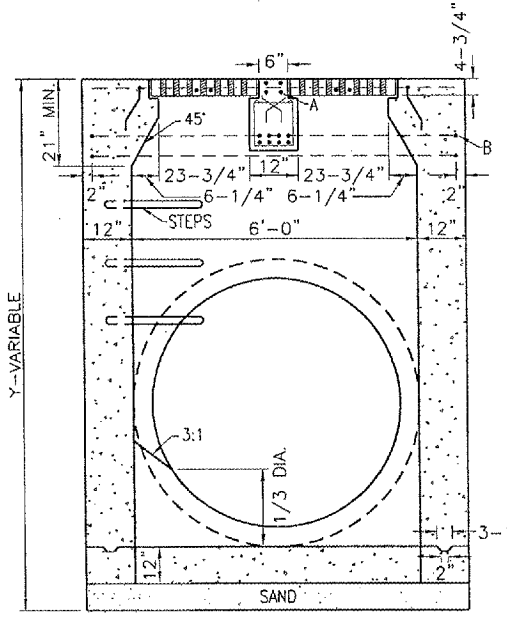
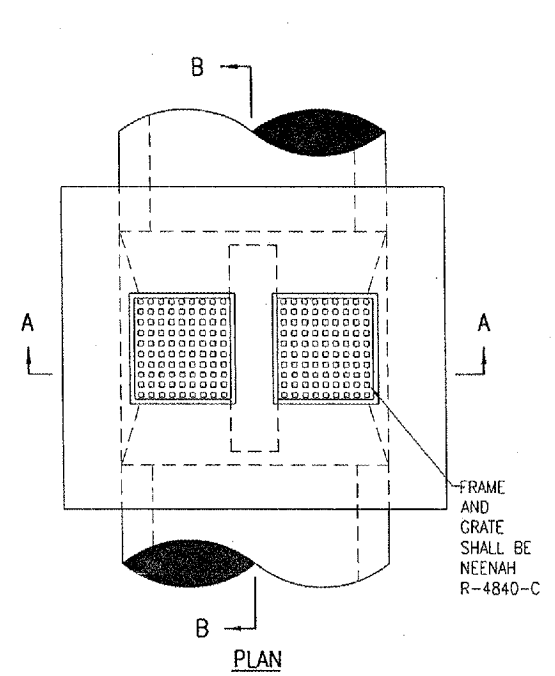
LOGAN COUNTY AIRPORT
LINCOLN, ILLINOIS

ILL. PROJ.: AAA-3545 A.I.P. PROJ.: 3-17-0062-813

PROJECT NO.	813-062QND-0800
DESIGNER	R-531DRN.DWG
SCALE	NOT TO SCALE
DATE	8/18/06
LAYOUT	CAH 8/18/06
DRAWN	BAK 8/18/06
REVIEWED	CAH 10/31/06

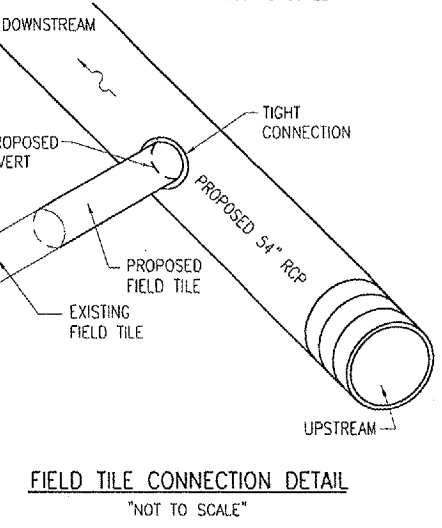
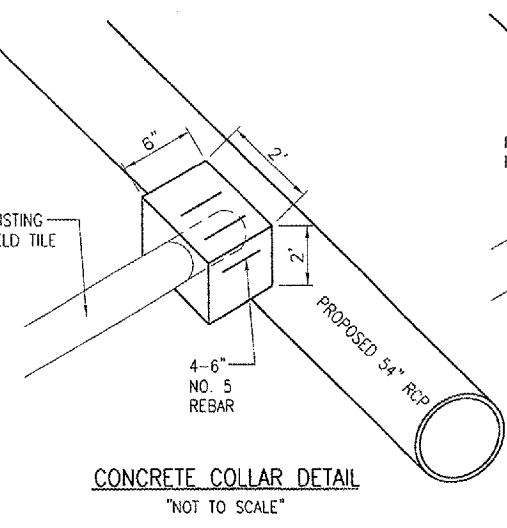
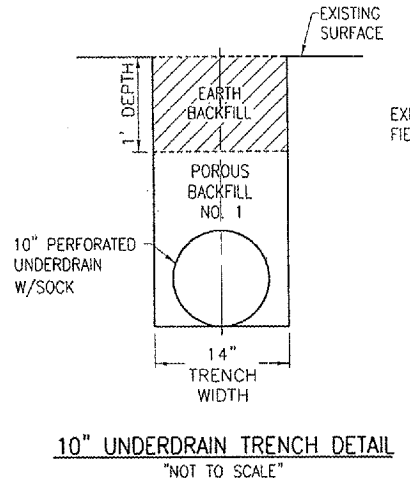
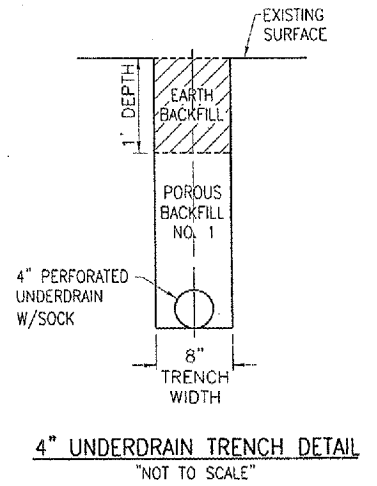
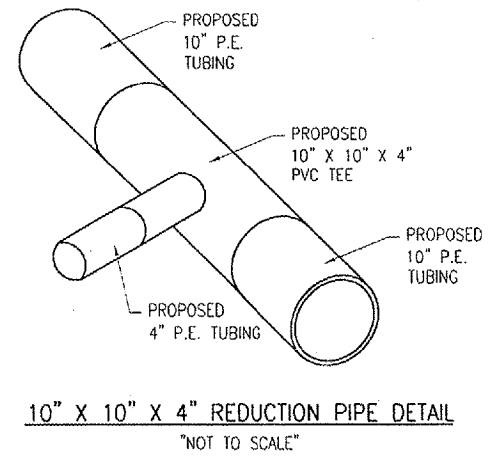
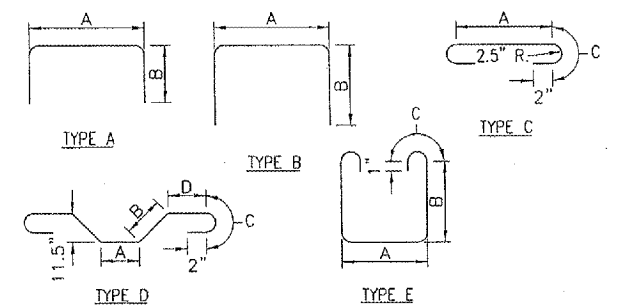


PROPOSED DRAINAGE DETAILS



TYPE	QUANTITY PER INLET	DIMENSIONS				SIZE	APPROX. WT. OF BARS IN INLET	TOTAL WEIGHT
		A	B	B	B			
A	2	5'-4"	3'-0"			#5	23.7	
B	4	5'-4"	4'-8"			#5	61.3	
C	4	6'-3"		10"		#5	33.1	
D	2	24"	16"	8"	13.5"	#4	11.0	
D	2	32"	16"	8"	9.5"	#4	11.0	
E	8	8"	11"	4"		#3	9.5	

D INSIDE DIA. OF PIPE	CU. YARDS TO SUBTRACT FOR 12" WALL	INVERT FORM CU. YDS.	BOTTOM SIDES AND TOP	
			Y	TOTAL CU. YDS.
12"	.054		5'	6.83
15"	.077		6'	7.79
18"	.108		7'	8.75
21"	.142		8'	9.72
24"	.182	1.1	9'	10.68
30"	.262	1.2	10'	11.64
36"	.391	1.25	11'	12.06
42"	.526	1.3	12'	13.57
48"	.656	1.34	13'	14.53
54"	.854	1.36	14'	15.49
60"	1.049	1.36	15'	16.46



FIELD TILE CONNECTION NOTE
THE CONNECTION OF THE EXISTING FIELD TILE INTO THE PROPOSED 54" PIPE (RCP) WILL BE CONSTRUCTED IN ACCORDANCE WITH ITEM 705 "PIPE UNDERDRAINS FOR AIRPORTS" INCLUDED IN THE SUPPLEMENTAL AND RECURRING SPECIAL PROVISIONS DATED JULY 1, 2004 AND THE DETAILS ON THIS SHEET.

THE CONTRACTOR WILL PROVIDE SUFFICIENT PIPE, SIZED TO MATCH THE EXISTING FIELD TILE, TO EXTEND FROM THE END OF THE EXISTING FIELD TILE TO THE PROPOSED 54" PIPE. THE CONTRACTOR WILL MAKE A HOLE IN THE PROPOSED PIPE AND INSERT THE PROPOSED FIELD TILE PIPE INTO THE HOLE. THE CONTRACTOR WILL SEAL THE FIELD TILE INTO THE HOLE AND THEN POUR A CONCRETE COLLAR AROUND THE CONNECTION AS SHOWN ON THIS SHEET.

THE CONNECTION OF THE FIELD TILE TO THE PIPE WILL BE PAID FOR UNDER ITEM: AR800415 "FIELD TILE CONNECTION" PER EACH.

0:11:22, 2006 7:44 AM CAH
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