

K:\Derville\0504203 Taxiway Extension\Draw\Sheets  
 FILE: 09\_DRAINPLAN-REVISED.dwg  
 LAYOUT: DRAINPLAN  
 UPDATE BY: dallan  
 SURVEY BOOK #  
 DATE: Mon 1/5/09 5:47pm  
 XREF DWG: Clintifa.dwg  
 BASE\_PROPGEO.dwg  
 DNV-EXISTBASE.DWG  
 BASE\_PROPDRAIN.dwg  
 DNV-EXISTBASE-1.dwg

LEGEND

- u—u—u— EXIST UNDERDRAIN
- n—n—n— NEW UNDERDRAIN
- s—s—s— EXIST STORM SEWER
- m—m—m— NEW STORM SEWER
- ⊙MH NEW MANHOLE
- ⊙CS NEW UNDERDRAIN COLLECTION STRUCTURE
- ⊙CO NEW CLEANOUT
- ▷ EXIST FLARED END SECTION
- ▶ NEW FLARED END SECTION
- EXISTING CLEANOUT

UNDERDRAIN SCHEDULE

REACH	PIPE (IN)	LENGTH (FT)	SLOPE %	NOTE
CO-1 > CS-1	4"	127	.39	CONNECT TO EXISTING ⊙ CO-1
CS-1 > CS-2	4"	252	.68	
CO-3 > CS-2	4"	213	.15	
CS-4 > CO-3	4"	192	.15	
CO-5 > CS-4	4"	195	.27	
CO-2 > CS-3	4"	200	.94	CONNECT TO EXISTING ⊙ CO-2
CO-4 > CS-3	4"	255	.15	
CO-6 > CO-4	4"	275	.14	
CS-2 > CS-3	4"	54	.30	SMOOTH WALL PVC PIPE
CS-3 > INLET	4"	100	5.0	SMOOTH WALL PVC PIPE

REVISIONS

NUMBER	BY	DATE

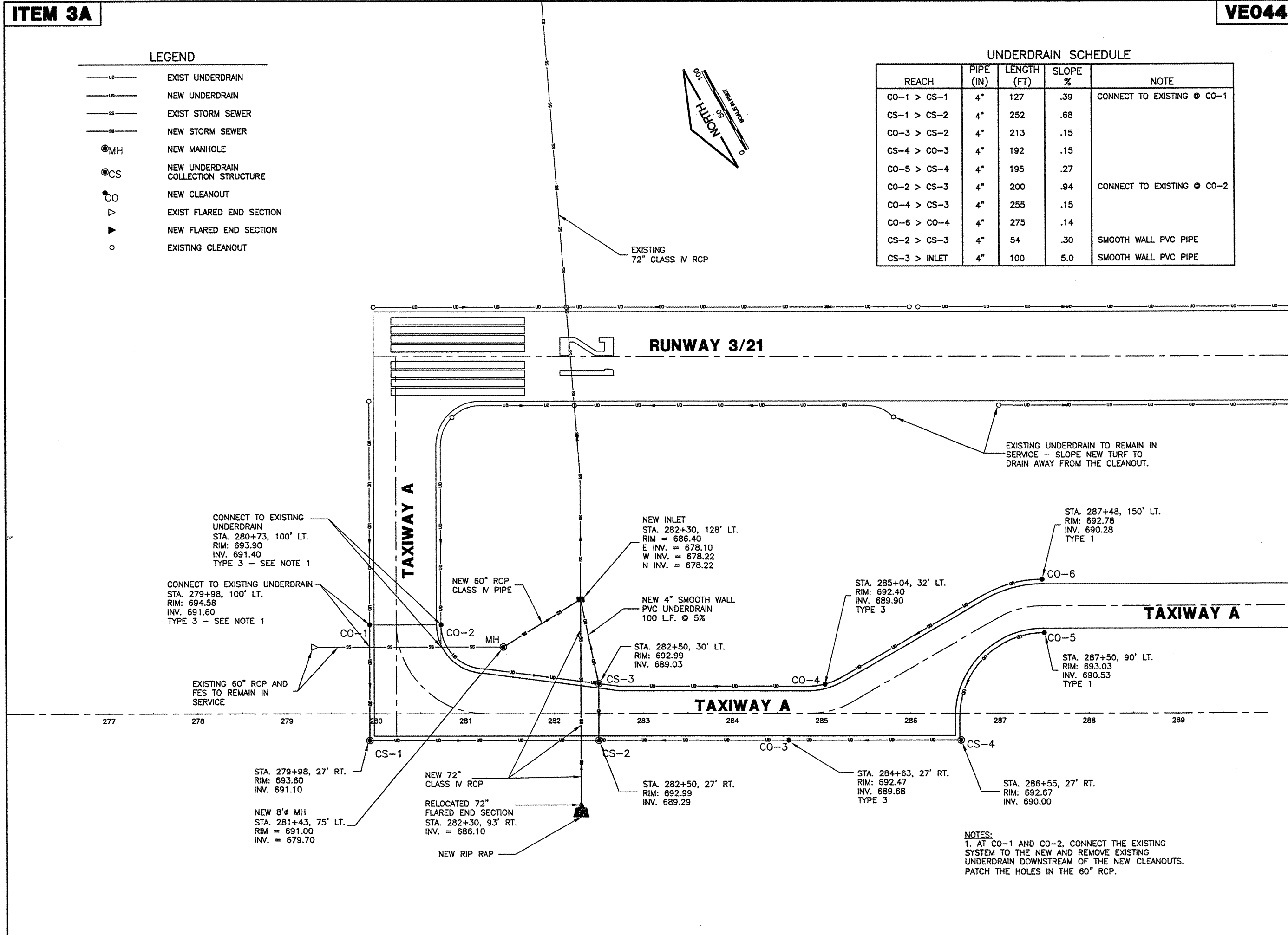
0 1 2  
 THIS BAR IS EQUAL TO 2"  
 AT FULL SCALE (34x22).

VERMILLION COUNTY AIRPORT  
 DANVILLE, ILLINOIS

EXTEND PARALLEL TAXIWAY 600 FEET  
 DRAINAGE PLAN

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DESIGN BY: JEF  
 DRAWN BY: DPA  
 CHECKED BY: JEF  
 APPROVED BY: JEF  
 DATE: 01/09/2009  
 JOB No: 05042-0300  
 ILLINOIS PROJECT DNV-3537  
 A.I.P. PROJECT 3-17-0032-B10  
 SHEET 09 OF 26 SHEETS



NOTES:  
 1. AT CO-1 AND CO-2, CONNECT THE EXISTING UNDERDRAIN DOWNSTREAM OF THE NEW CLEANOUTS. PATCH THE HOLES IN THE 60" RCP.