



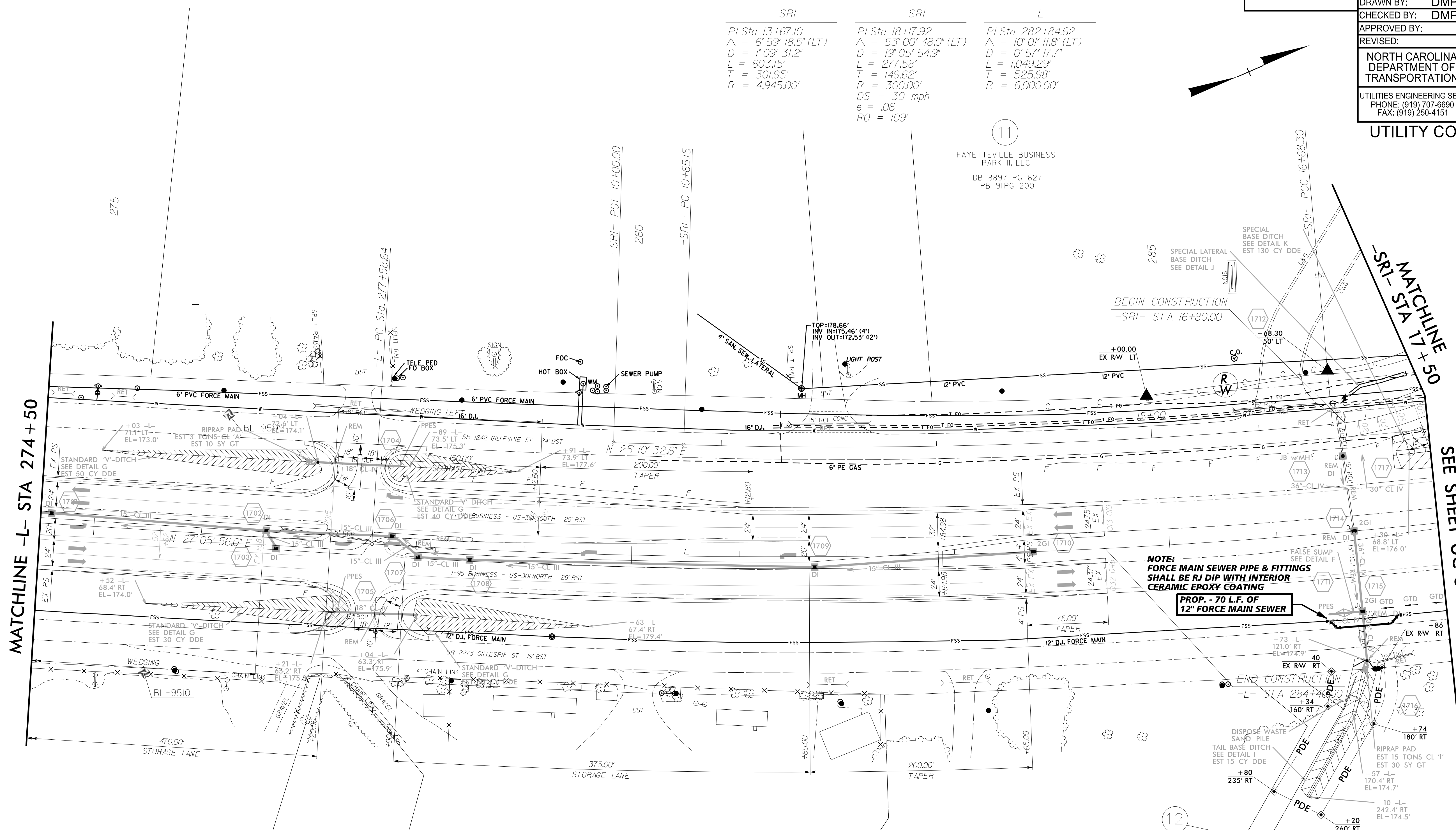
PROJECT REFERENCE NO.	W-5519	SHEET NO.	UC-4
DESIGNED BY:	DMP		
DRAWN BY:	DMP		
CHECKED BY:	DMP		
APPROVED BY:	DMP		
REVISED:		NORTH CAROLINA DEPARTMENT OF TRANSPORTATION UTILITY ENGINEERING SEC. PHONE: (919) 707-6690 FAX: (919) 250-4151	
UTILITY CONSTRUCTION			PLANS ONLY

-SRI- -SRI- -L-

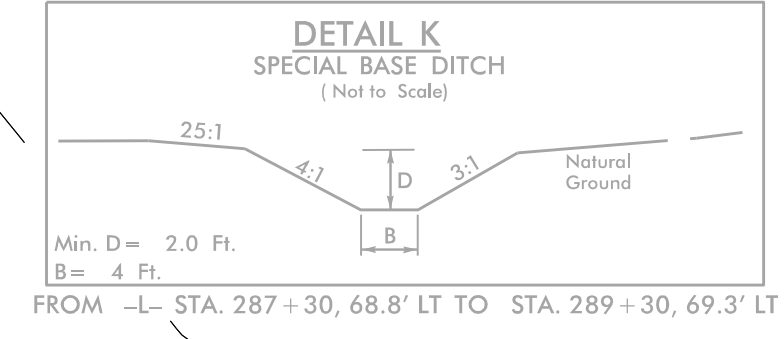
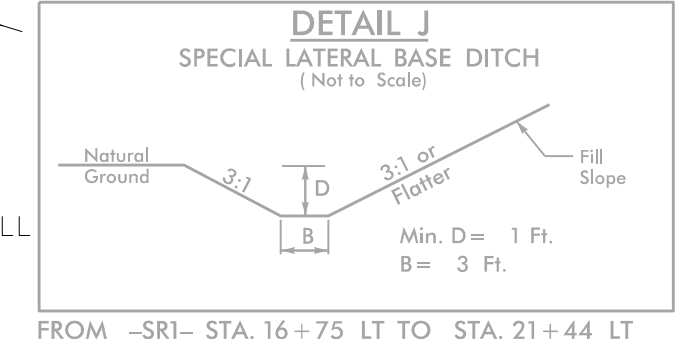
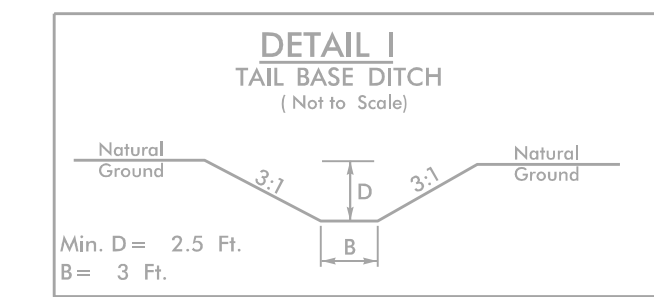
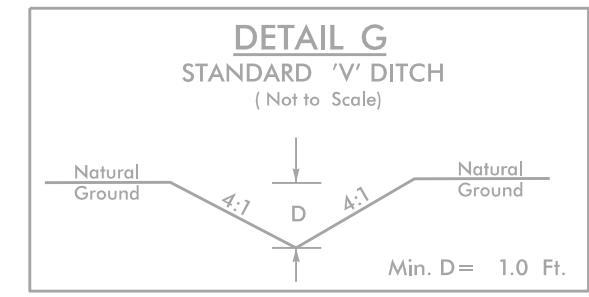
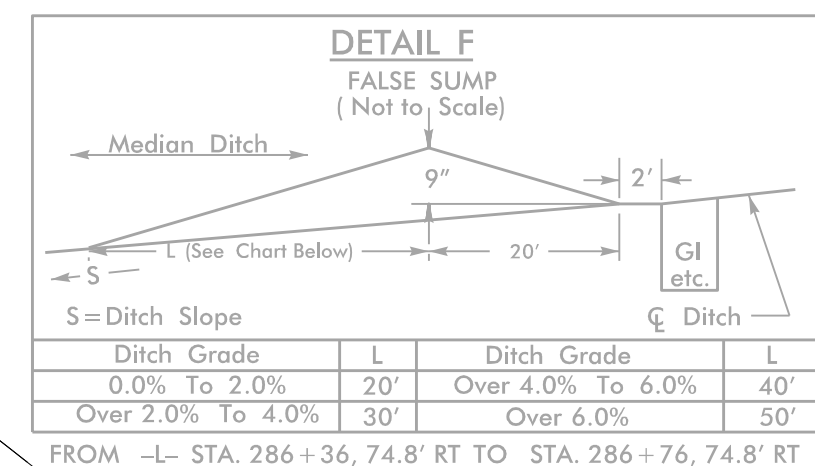
PI Sta 13+67.10 PI Sta 18+17.92 PI Sta 282+84.62
 $\Delta = 6^{\circ}59'18.5''$ (LT) $\Delta = 53^{\circ}00'48.0''$ (LT) $\Delta = 10^{\circ}01'11.8''$ (LT)
 $D = 1^{\circ}09'31.2''$ $D = 19^{\circ}05'54.9''$ $D = 0^{\circ}57'17.7''$
 $L = 603.15'$ $L = 277.58'$ $L = 1,049.29'$
 $T = 301.95'$ $T = 149.62'$ $T = 525.98'$
 $R = 4,945.00'$ $R = 300.00'$ $R = 6,000.00'$

$DS = 30$ mph
 $e = .06$
 $RO = 109'$

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 FAYETTEVILLE BUSINESS
 PARK II, LLC
 DB 8897 PG 627
 PB 91 PG 200



NOTE:
 FORCE MAIN SEWER PIPE & FITTINGS
 SHALL BE RJ DIP WITH INTERIOR
 CERAMIC EPOXY COATING
 PROP. - 70 L.F. OF
 12" FORCE MAIN SEWER



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FOUNDATION OF THE UNIVERSITY
 OF NC WILMINGTON, INC
 DB 7776 PG 259
 PB 114 PG 96