DRAINAGE SYSTEM OUTLETS - DESIGN TABLE													PIPE JOINT DETAILS						
			PROPOSED PIPE						SLEEVE	RIPRAP	OUTLET CHANNEL				SIZE OF LARGEST PIPE AT JOINT (INCHES)	ALLOWED JOINT TYPE			
LOCATION	DIA. (IN)	VERIFIED (Y/N)	MATERIAL	DIA. (IN)		LENGTH ET)	PLANNED GRADE (%)	OUTLET ELEV.	REQ'D (Y/N)	REQ'D (Y/N)	REQ'D (Y/N)		EST. LENGTH (FEET)	EST. QTY. (C.Y.)	8" & SMALLER 10" TO 12"	TAPE	✓ ✓		
NORTH															LARGER THAN 12"				
GOOD DESCRIPTION																FLON		EFER JTT JO	
PIPE #1															SIMILAR OR DISSIMIL FLEXIBLE COUPLER				
																LEXIBLE	INSERT		
20 L.F. OF THE EXISTING TILE IMMEDIATELY DOWNSTREAM OF THE UPSTREAM PIPE JUNCTION SHALL BE REMOVED (SEE DETAIL). THE OPEN END OF THE DOWNSTREAM TILE SHALL BE EFFECTIVELY PLUGGED/SEALED AS PER REQUIREMENTS IN CONSTRUCTION SPECIFICATION 2.260 (SEE DETAIL).														MASTIC COUPLER					
LENGTH OF PROPOSED PIPE B WILL BE A SEPERATE BID ITEM. UNLESS OTHERWISE INDICATED, REMAINING ITEMS ASSOCIATED WITH CONSTRUCTING THE OUTLET SHALL BE INCIDENTAL TO THE ASSOCIATED TILE OUTLET BID ITEM. THIS WILL INCLUDE TILE REMOVAL, FURNISHING AND INSTALLING PIPE JUNCTIONS, TILE PLUG/SEAL, CMP SLEEVE AND RODENT GUARD, RIPRAP (IF REQUIRED), AND EXCAVATED OUTLET CHANNEL (IF REQUIRED) DIAMETER (SIZE) OF CMP SLEEVE WILL BE DEPENDANT ON CONTRACTOR'S CHOICE OF PIPE JOINT TYPE THAT WILL BE USED. WHERE EXISTING TILE SIZE IS SHOWN AS NOT BEING VERIFIED, IT IS RECOMMENDED TO FIELD VERIFY THE SIZE, LOCATION, AND ELEVATIONS OF THE EXISTING TILE PRIOR TO ORDERING MATERIALS AND INSTALLING THE OUTLET. IF THE DIAMETER OF THE EXISTING TILE DIFFERS FROM WHAT IS SHOWN, THE ENGINEER SHALL BE CONTACTED TO DISCUSS NECESSARY CONSTRUCTION MODIFICATIONS AND ASSOCIATED COST ADJUSTMENTS, WHEN NECESSARY.														GEOTEXTILE JC			F 24"		
															ENSURE CONCRETE SHOWN				
EXCAVATED MATERIAL FROM OUTLET CHANNEL TO BE													<u>CONCRETE COLLAR</u>						
TILE PIPE JOINT - SEE DETAILS  BEDDING DETAILS  PLACED OVER PIPE TO PROVIDE ADEQUATE COVER											INSERT A MINIMUM OF								
									Ē				FLOW	INSE JO					
						RODENT GUARD 1:1 MAX. SLOPE							3-4FT	<b>v</b> j 1	REQUIRES USE OF COUPLER: INT				
CONCR	RETE PLUG	i/	PIPE	JOINT _/				CHANNE	EL ELEV.				ع JTLET CHAN RED IN DESI			AS APPR		GINEE	
(2' MIN. LENGTH) -SEE DETAILS -SEE DETAILS -SEE DETAILS EXCAVATED OUTLET											TLET	SECURELY WRAP WITH TILE TAPE EXTENDING							
	TEM OU	<u>A OUTLET PROFILE</u>						CHANNEL DETAIL			SEVERAL INCHES ONTO EACH PIPE <b>TILE TAPE</b>								
					UT TO SCALE							NOT	TOSCALE		1 <u> </u>				
<u>SERIES 100</u>									ND EXCESS MA	ATERIAL					MOUND EXCESS MATER OVER TRENCH.	RIAL			
<b>PURPOSE:</b> SERIES 100 BEDDIN INSTALLATION OF CORRUGATE TILE.					GE				≞							<del></del>	T		
(1) V-BOTTOM TRENCH TYPIC	ALLY FORI	MED USING A	PLOW ATTA	CHMENT.														ι <del>π</del> ί	
2 SPOON TRENCH SHALL BE THE TOP OF THE SPOONE									ACKFILL WITH RENCH MATEF						BACKFILL WITH I		UNDIST	TURBI	
SPRINGLINE, OR HIGHER, WITH THE ENTIRE BOTTOM	WITH UNDI	ISTURBED SC										UNDISTU			TRENCH MATER	IAL AND		30	
3 PRIOR TO SETTING PIPE, F TRENCH BOTTOM AS BEDI		" OF LOOSE F	RIABLE SOIL	S IN THE				0°	V-BOTTOI TRENCH				SOIL		PREVENT EXCES				
4 THE INITIAL BACKFILL SHA MATERIAL PLACED IN 3"-4" AROUND THE PIPE.						UNDISTURB S(			)						SPOON-BOTTO	ОМ			
SPECIAL CARE MUST BE T				MPACT				Ċ					e						
THE INITIAL BACKFILL UNDER THE LOWER HALF OF THE PIPE.						BEDDING DETAIL - 101 NOT TO SCALE						BEDDING DETAIL - 102							
							NOT	S SOALL						101 10 3	UNLL				

