


3	BEDD	DING TYPE E	
UC-3D	SCALE:	N. T. S.	

TRENCH	EXCAVATION L	IMITS	
INTERNAL	W		
DIAMETER	WIDTH OF	TRENCH	
OF PIPE	MAX	W=MIN	
4"-6"	3'-9"	2'-0"	
8"-10"	3'-9"	2'-2"	
12"	3'-9"	0.D.+2'	
14"–16"	4'-2"	0.D.+2' 0.D.+2'	
18"	4'-4"	0.D.+2'	
20".21"	4'-8"	0.D.+2′	
24"	4'-11"	0.D.+2' 0.D.+2'	
27" 30"	5'-9"	0.D.+2'	
30"	6'-7"	0.D.+2'	
.36"	7'-4"	0.D.+2'	
42"	8'-2"	0.D.+2'	
48"	8'-9"	0.D.+2'	
54"	9'-4"	0.D.+2'	
54 " 60"	9'-10"	0.D.+2'	
72"	11'-0"	0.D.+2' 0.D.+2'	
72 " 78"	11'-8"	0.D.+2'	
84"	12'-0"	0.D.+2'	
90"	12'-6"	0.D.+2'	
96"	<u>12'-6"</u> 13'-0"	0.D.+2'	
108"	14'-0"	0.D.+2'	
DEPTH		S	
OF	MAXIMUM PAVEMENT		
CUT	REPLACEMENT WIDTH		
0-6'	S=W+4'		
>6-8'	S=W+8'		
>8-10'	S=W+12'		
>10-12'	S=W+16'		
>12-14'	S=W+20'		
>14-16'	S=W+24'		
>16-18'	S=W+28'		
>18'	S=W+32'		
PIPE. TRENC	H WIDTH AT BO H SIDE SLOPES RDANCE WITH	OTTOM OF S SHALL	

					6	PROF	POSI
					UC-3D	SCALE:	N.T.S
IMITS							
			ı 20" ı				
	12-#5 BARS (SPACED AS SHOWN) ————		MIN		(2) WEDGE DS, BACK	ACTION RES TO BACK	STRAIN
	TYPICAL CONCRETE THRUST — COLLAR. MIN OF (16") INTO UNDISTURBED MATERIAL ALL AROUND)			()		
	() (,?`		
	TRENCH BOTTOM			3" CLR	(TYP)		
			ELEVATION	1			
					NOTE: 1. DO NO ASBES	OT TIGHTEN V STOS CEMENT	VEDGE R PIPE C
				8			

30	6-/	0.D.+2	
36"	7'-4"	0.D.+2' 0.D.+2' 0.D.+2' 0.D.+2' 0.D.+2' 0.D.+2'	
42"	8'-2"	0.D.+2'	
48"	8' -9"	0.D.+2'	
54"	9'-4" 9'-10"	0.D.+2'	
60"	9'-10"	0.D.+2'	
72"	1 11 - 0	0.D.+2'	
72" 78"	11'-8" 12'-0" 12'-6" 13'-0"	0.0.+2' 0.0.+2' 0.0.+2' 0.0.+2' 0.0.+2'	
84"	12'-0"	0.D.+2'	
90"	12'-6"	0.D.+2'	
96"	13'-0"	0.D.+2'	
108"	14'-0"	0.D.+2'	
DEPTH		S	
OF	MAXIMUM PAVEMENT		
CUT	REPLACEMENT WIDTH		
0-6'	S=W+4'		
>6-8' >8-10' >10-12'	S=W+8'		
>8-10'	S=W+12'		
>10-12'	S=W+16'		
>12-14	S=W+20'		
>14-16'	S=W+24'		
>16-18'	S=W+28'		
>18'	S=W+32'		
/ = TRENCH PIPE. TRENC	H WIDTH AT BO H SIDE SLOPES RDANCE WITH	OTTOM OF S SHALL	

	TRENCH EXCAVATION LIMITS
3D	SCALE: N.T.S.

PROJECT REFERENCE NO. SHEET NO. UC-3D UTILITY DESIGN ENGINEER Oftat papiel **DOCUMENT NOT CONSIDERED FINAL** UNLESS ALL SIGNATURES COMPLETED