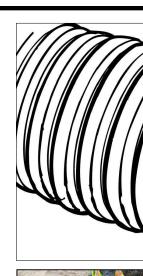


PIPE IAMETER	MINIMUM BETWEEN PIPES	MINIMUM TRENCH WIDTH	
12"	12"	30"	
15"	12"	34"	
18"	12"	39"	
24"	12"	48"	
30"	15"	56"	
36"	18"	64"	
42"	21"	72"	
48"	24"	80"	
60"	30"	96"	





D COMPACTORS MUST	SEE TABLE



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				DATE: 10/1/24 DWG NO: STD-1301R	TO SCALE	UE I AILA FROVIDED THINLIN ANAL
PUSH PIECE			NYLON STRAP	DRAWN: BSW D. REVISION: 2 D	NOT ATION SUPPLIED. THE INSTALLATIO	SUPPLIED. I NE DCUMENT. IT IS 1
END OF PIPE. F SECTION TO TO THE PIPE BELL ALIGN PIPE AN SPIGOT INTO B	RAG OR BRUSH TO LIGHTLY L REMOVE PLASTIC WRAP FRO DUCH DIRT OR BACKFILL. SHOULD ALWAYS BE ALIGNI D PLACE SPIGOT INTO BELL. ELL. WHEN LEADING BELL EI IDE JOINT GAPS SHOULD BE ERANCE. STEP 4: PIPE JC	M GASKET. DO NOT A ED FACING UPSTREA USING STRAP OR PU DGE TOUCHES "HOM TIGHT ON ALL SIDES	ALLOW LUBRICATED M WITH BEDDING GRADE. JSH PIECE, FULLY INSERT E" MARK JOINT IS FULLY S. SEE MANUFACTURER	JIDE	CODES, INDUSTRY STANDARDS AND EPENDENTLY VERIFIED THE INFORMATION	TO CONSTRUCTION AND SEALING
	OLE CONNECTIONS ARE REPORT			<b>1 INSTALLATION GUID</b>	CONDITIONS REQUIRED BY STATE AND LOCAL C PPLICABLE LAWS. RVICES FOR THIS PROJECT, NOR HAS ADS INDEF	NOLES FOR THIS FRUJECT, NUR HAS AUS INDER NGINEER SHALL REVIEW THESE DETAILS PRIOR - IEREIN ARE ACCEPTABLE FOR THIS PROJECT.
YOUR ADS REP F	WA	STRUCTURE		STORM INST/	BE INSTALLED IN ACCORDANCE WITH ASTM D2321, IN ADDITION TO ALL SITE S, MANUFACTURER'S INSTALLATION RECOMMENDATIONS, OSHA, AND ALL A STANDARDS. ADS HAS NOT PERFORMED ANY ENGINEERING OR DESIGN SE	SITE DESIGN EI TO ENSURE TH
	DUAL WALL HP STORM				ACCORDANCE R'S INSTALLA HAS NOT PE	LED LED EMEN
STEP 8 :	НР	TALLED IN A UFACTURER DARDS. ADS	ANDARDS, AUS IGNED AND SE/ LOCAL REQUIR			
CLASS <sup>1</sup> CLASS I <sup>2</sup>	ASTM D2487 SOIL STONE B/ ANGULAR CRUSHED ROCK, WIT 100% PASSING 1-1/2 IN. SIEVE ≤15% PASSING #4 SIEVE ≤25% PASSING #4 SIEVE ≤12% PASSING #200 SIEVE ALL PARTICLE SURFACES SHAL	ACKFILL	GROUPS <sup>1</sup>		PIPE MUST GUIDELINE: REFERENCED	LANS ARE S STATE, OR
CLASS II	GRAVEL AND S/ CLEAN, COUARSE GRAINED SO "GP", OR ANY SOIL BEGINNING \ SYMBOLS WITH ≤12% PASSING	ILS; "SW", "SP", "GW", WITH ONE OF THESE	A1, A3	AN BLVI	H 43026	DASED T, UNLES ABLE N.
CLASS III	COARSE GRAINED SOILS WITH FINES   COARSE GRAINED SOILS WITH FINES; "GM", "GC", "SM", "SC", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS, CONTAINING >12% TO <50%   PASSING #200 SIEVE; "CL", "ML", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS, WITH <70% PASSING #200 SIEVE; "CL", "ML", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS, WITH <200 SIEVE   >50% TO ≤70% PASSING #200 SIEVE AND LL < 50			4640 TRUEN HILLIARD, O		ECIFIC FOR THIS P OR EXCEEDS THE
CLASS IV	FINE-GRAINED IN FINE-GRAINED INORGANIC SOIL SOIL BEGINNING WITH ONE OF WITH >70% PASSING #200 SIEVE	.S; "CL", "ML", OR ANY THESE SYMBOLS,	A-2-7 OR A-4 OR A-6 SOILS WITH ≥70% PASSING #200 SIEVE		SYSTEMS, INC C. ("ADS") HAS	~
AROUND THERMOPLASTIC	ED TO WRAP THIS MATERIAL WITH A GEOT				DRAINAGE STEMS, IN	δΨΩ
	PE SHALL MEET ASTM D2321 CLAS /ED IN WRITING BY THE PROJECT A IS PROVIDED.			SHE	ADVANCE NCED DRAINAGE	- RECOMMEN
TA	BLE 3 : BACKFILL	CLASSIFIC/	ATIONS	10		GENERAL GENERAL ENSURE

<image/>	DRAWN: BSW DATE: 10/1/24   DRAWN: BSW DATE: 10/1/24   REVISION: 2   DWG NO: STD-1301R   ANDARDS AND   OTHE INFORMATION SUPPLIED. THE INSTALLATION DETAILS PROVIDED HEREIN ARE AND SEALING THE DOCUMENT. IT IS THE SITE DESIGN ENGINEER'S RESPONSIBILITY TO
USE A CLEAN RAG OR BRUSH TO LIGHTLY LUBRICATE INSIDE THE BELL. CLEAN SPIGOT END OF PIPE. REMOVE PLASTIC WRAP FROM GASKET. DO NOT ALLOW LUBRICATED SECTION TO TOUCH DIRT OR BACKFILL. THE PIPE BELL SHOULD ALWAYS BE ALIGNED FACING UPSTREAM WITH BEDDING GRADE ALIGN PIPE AND PLACE SPIGOT INTO BELL. USING STRAP OR PUSH PIECE, FULLY INSERT SPIGOT INTO BELL. WHEN LEADING BELL EDGE TOUCHES "HOME" MARK JOINT IS FULLY NSERTED. INSIDE JOINT GAPS SHOULD BE TIGHT ON ALL SIDES. SEE MANUFACTURER OR JOINT TOLERANCE.	RIFIEL
OTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE CONNECTIONS ARE REQUIRED, ADS MANHOLE ADAPTOR GASKETS   ENCOTED MANHOLE FOR DETAILS.	A INSTALLATION GUIDE
STRUCTURE WALL Image: Construction of the structure wall   WATERTIGHT CONNECTOR (KOR-N-SEAL OR PSX SYSTEM) Image: Construction of the structure wall   Underward Image: Constructure wall Image: Constructure wall	The site design englished by to ensure that
ADAPTER GASKET	LED IN ACCORDA CTURER'S INSTA DS. ADS HAS NOT AND SEALED BY REQUIREMENTS
STEP 8 : RESILIENT CONNECTION TO STRUCTURE   TM D2321 SOIL CLASS <sup>1</sup> AASHTO M145 SOIL GROUPS <sup>1</sup> STONE BACKFILL   ANGULAR CRUSHED ROCK, WITH   ANGULAR CRUSHED ROCK, WITH	
CLASS I <sup>2</sup> 100% PASSING 1-1/2 IN. SIEVE ≤15% PASSING #4 SIEVE ≤25% PASSING 3/8 IN. SIEVE ≤12% PASSING #200 SIEVE ALL PARTICLE SUPEACES SHALL BE ERACTURED	PIPE MUST GUIDELINES REFERENCED THE PLANS AR
ALL PARTICLE SURFACES SHALL BE FRACTURED.   GRAVEL AND SAND BACKFILL   CLASS II CLEAN, COUARSE GRAINED SOILS; "SW", "SP", "GW", "GP", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS WITH ≤12% PASSING #200 SIEVE.   COARSE GRAINED SOILS WITH FINES	4640 TRUEMAN BLVD HILLIARD, OH 43026 PIP REPARED THIS DETAIL BASED ON REFE FIC FOR THIS PROJECT, UNLESS THE P EXCEEDS THE APPLICABLE NATIONAL.
CLASS III COARSE GRAINED SOILS WITH FINES; "GM", "GC", "SM", "SC", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS, CONTAINING >12% TO <50% PASSING #200 SIEVE; "CL", "ML", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS, WITH ≥50% TO ≤70% PASSING #200 SIEVE AND LL < 50 FINE-GRAINED INORGANIC SOILS	
CLASS IVFINE-GRAINED INORGANIC SOILS; "CL", "ML", OR ANY SOIL BEGINNING WITH ONE OF THESE SYMBOLS, WITH >70% PASSING #200 SIEVE AND LL < 50A-2-7 OR A-4 OR A-6 SOILS WITH ≥70% PASSING #200 SIEVE AND LL < 50	BE SYSTEMS, INC UD ARE NOT SPI HEREIN MEETS
STM D2321 FOR ADDITIONAL GUIDANCE REGARDING THE USE OF LISTED SOIL AS BACKFILL ID THERMOPLASTIC PIPE IGHLY RECOMMENDED TO WRAP THIS MATERIAL WITH A GEOTEXTILE TO PREVENT MIGRATION ES INTO AND THROUGH VOIDS IN THE BACKFILL.	ED DRAINAGE SYSTEMS, IN DATIONS AND PROVIDED HE
FILL AROUND PIPE SHALL MEET ASTM D2321 CLASS I, II, OR III UNLESS FICALLY APPROVED IN WRITING BY THE PROJECT DESIGN ENGINEER AND JUM COVER DATA IS PROVIDED.	ADVANCED DRAINAGE SY ANCED DRAINAGE SY ERAL RECOMMENDA'
TABLE 3 : BACKFILL CLASSIFICATIONS	