

PLUMBING KEYNOTES:

- 1 CONNECT (2) 6" STORM DRAIN TO EACH TD-1 SECTION, CONNECT TOGETHER WITH 6" STORM DROP & OFFSET THRU FOUNDATION WALL WITH SLEEVE.
- (2) HEAT TRACE & SNOW MOISTURE SENSOR TO ENTER TRENCH SIDEWALL WITH CONDUIT @ THIS LOCATION.
- (3) LOCATE HEAT TRACE IN & SNOW MOISTURE SENSOR TRENCH DRAIN. RAYCHEM GM-2X, 208/60/1 200'x12 WATTS/LF = 2400 WATTS, PROVIDE CONTROLLER IN BOILER ROOM & ROUTE TO POWER CONNECTION KIT IN ELECTRICAL JUNCTION BOX @ TRENCH DRAIN IN ELEVATOR EXTERIOR WALL. ROUTE CONDUIT & SENSOR WIRING FROM JUNCTION BOX DOWN IN EXTERIOR WALL BELOW GRADE THRU TRENCH DRAIN SIDEWALL. ROUTE WITH SPLICE KIT AS REQUIRED.



NOTICE: DUTY OF COOPERATION

NOTICE: DUTY OF COOPERATION Release of these plans contemplates further cooperation among the owner, his contractor and the architect. Design and construction are complex. Although the architect and his consultants have performed their services with due care and diligence, they cannot guarantee perfection. Communication is imperfect and every contingency cannot be anticipated. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the architect. Failure to notify the architect compounds misunderstanding and increases construction costs. A failure to cooperate by a simple notice to the architect shall relieve the architect from responsibility for the consequences. Changes made from the plans without consent of the architect of responsibility for all consequences arriving out of such changes.

All design, documents and data prepared by Eric Smith Associates, P.C. as instruments of service shall remain property of Eric Smith Associates, P.C. and shall not be copied, changed or disclosed in any form whatsoever without first obtaining the express written consent of Eric Smith Associates, P.C.

Eric Smith Associates, P.C.

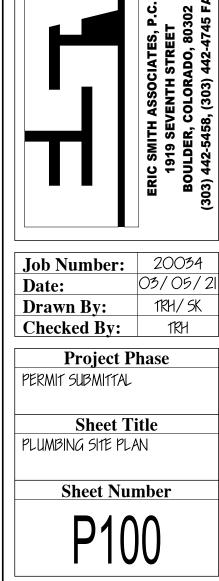
REVISIONS

Date

Description

0

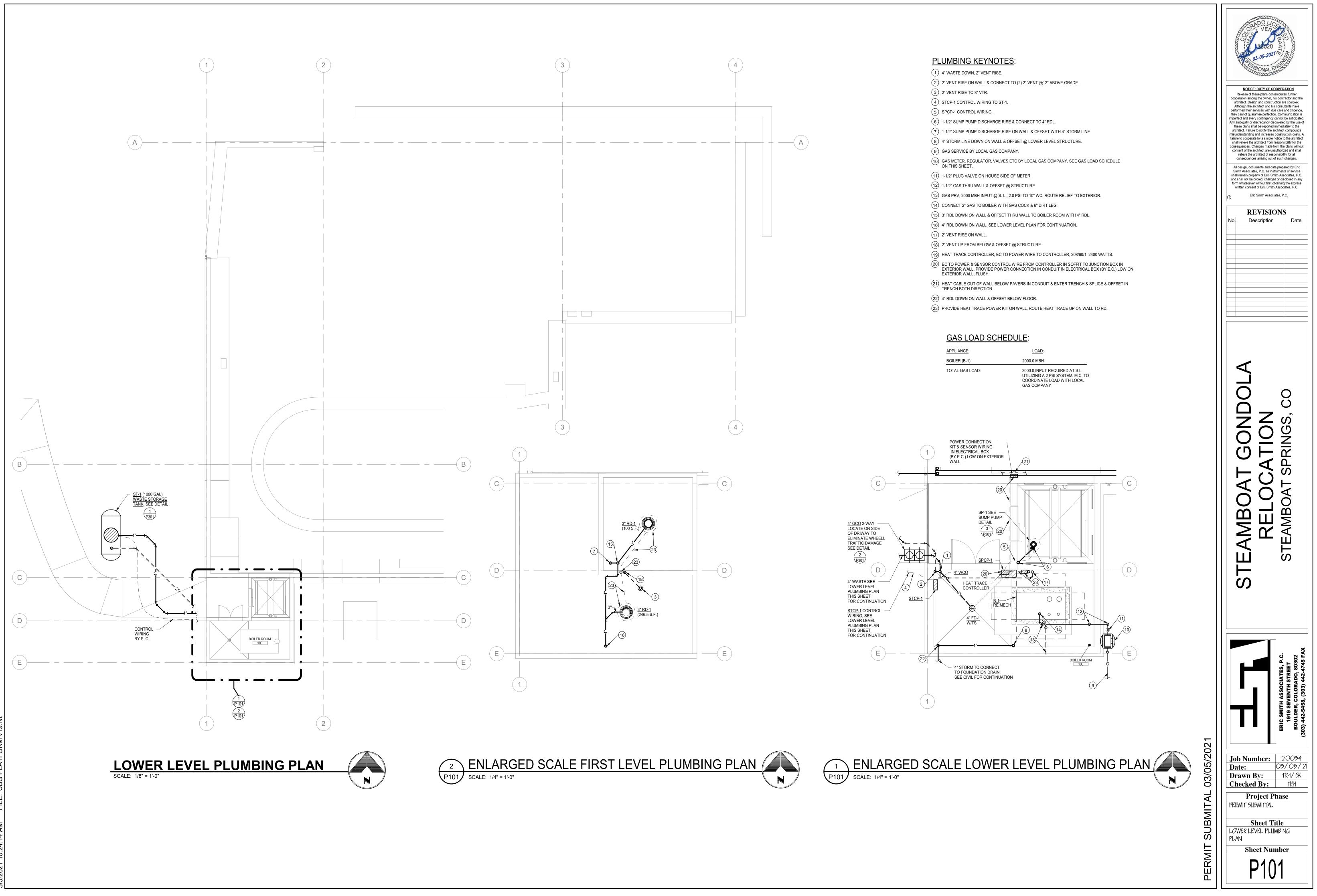
No.



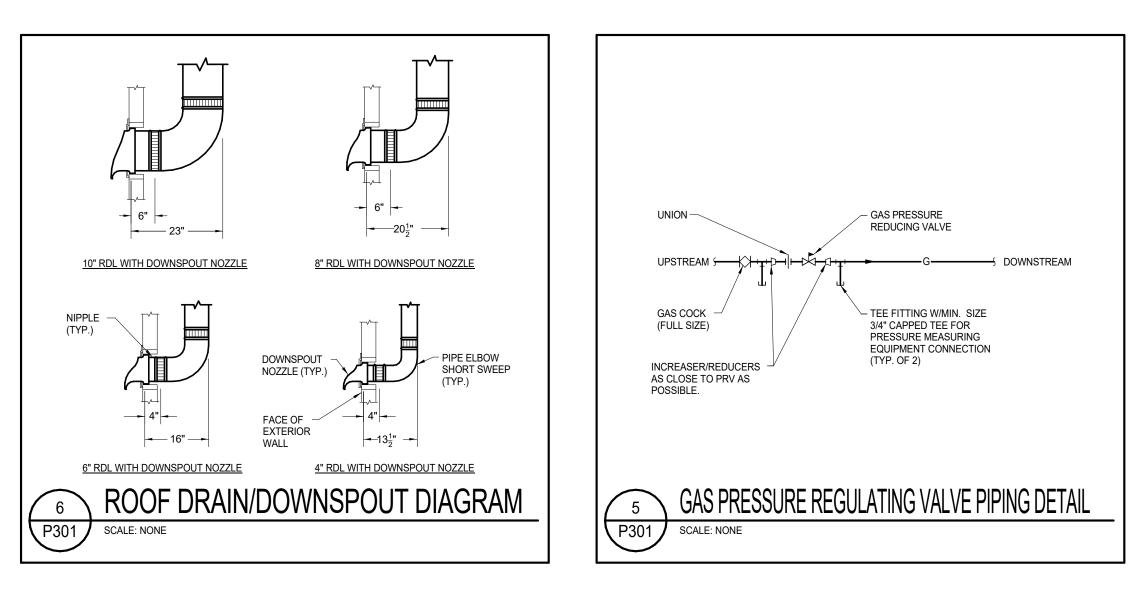
1RH/ 5K

1RH

/202 2 0 Ċ, C SUBN PERMIT

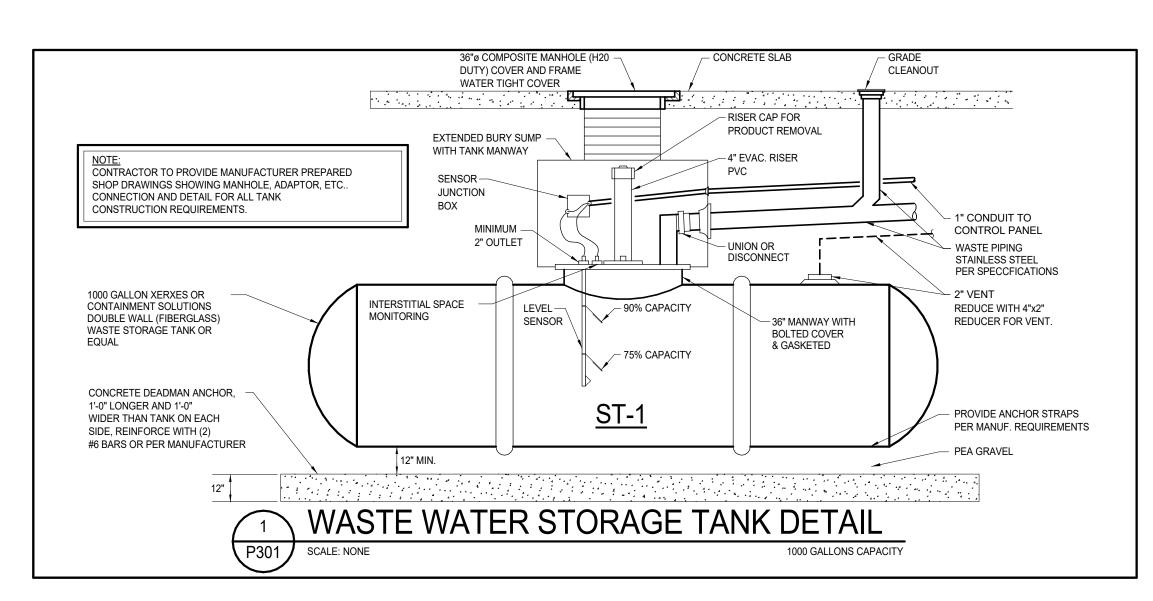


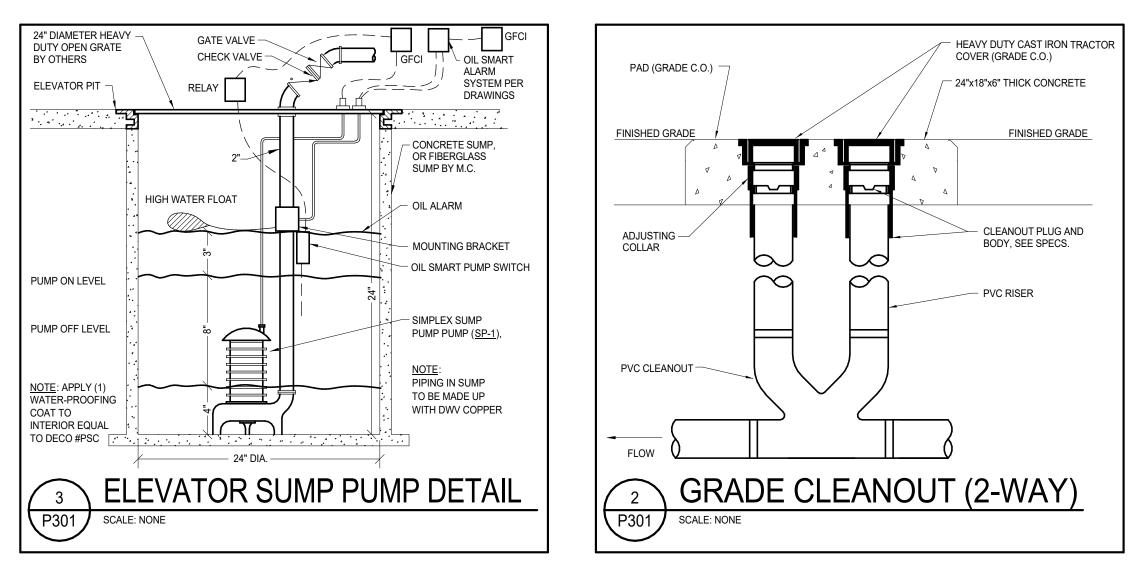
2021 10:24:14 AM FILE: SBG PLATFORM v1

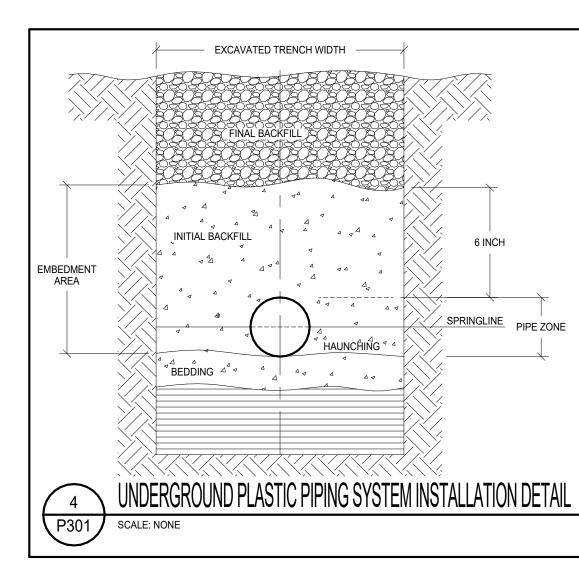


				PLU	IMB	ING	PUI	MP S	SCHE	DUL	E				
				IMP.				ELECTRICAL							
PLAN	MANUFACTURER	TYPE	SERVICE	DIA.	GPM	HEAD	%	HP	VOLTS	PH	RPM	VIBRATION	CONTROL	WEIGHT	REMARKS
CODE	& MODEL NO.			(IN)			EFF.	(BHP)				ISOLATION		(LBS)	
SP-1	ZOELLER #940-0012	SUBMERSIBLE	ELEVATOR	-	50.0	16.5'	-	4/10	115	1		INTEGRAL	NOTE:1		NOTE: 1
<u>NOTES:</u> 1.	SIMPLEX OIL SMART CONTROL PANEL		ORN AND BAS DRY	CONTACT F		LE.	L	1	I		1		1	I <u> </u>	

PLAN	DESCRIPTION	MANUFACTURER	MODEL	FINISH	REMARKS	
CODE						
ST-1	DOUBLE WALL STORAGE TANK	XERXES	DOUBLE WALL 1000 GALLON, 4' DIA X 11'-7-1/2"	FIBERGLASS	SEE DETAIL 1/P301	
STCP-1	STORAGE TANK CONTROL PANEL & ACCESSORIES	MORRISON BROTHERS	1218	WALL MOUNTED	NOTES:1,2,3,4,5	
FD-1	FLOOR DRAIN	ZURN	Z-415B	CAST IRON BODY	NICKEL BRONZE GRATE	
TS	TRAP SEAL	SURE SEAL				
RD-1	ROOF DRAIN	ZURN	ZC100-C-DE-R	CAST IRON BODY		
DSN-1	DOWNSPOUT NOZZLE	ZURN	Z199	NICKEL BRONZE	-	
	TCC TO WIRE TO TANK, EC TO POWER WIRE TO PANEL COORDINATE WIRING LENGTHS. 120/601, 3 AMPS, 9-38"H X 7-7/8"W X 4-5/8"D W/MORRISON BRO. TANK GAUGES & PROBES		 AUDIBLE ALARM @ CONTROL PANEL INSIDE BOILER ROOM W/ CONTACTS FOR FUTURE BAS CONNECTIO PROVIDE 75% & 90% AUDIBLE ALARM, INTERSTITAL SPACE ALARM MONITORING W/ALARM. 		6. CAST-IRON DOME, SUMP RECIEVER, DECK CLAMP, EXTENSIONS.	







UNDERGROUND INSTALLATION OF PLASTIC PIPING: PLASTIC PIPE SHOULD ALWAYS BE BURIED IN STRICT ACCORDANCE WITH THE ASTM STANDARD RELEVANT TO THE TYPE OF PLASTIC PIPING SYSTEM BEING INSTALLED. THOSE STANDARDS ARE:

ASTM D2321 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS

PIPING. NOTE: IN ADDITION TO THESE STANDARDS, PIPE SHOULD ALWAYS BE INSTALLED IN ACCORDANCE WITH ALL LOCAL CODE REQUIREMENTS.

ASTM D2774 STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PRESSURE

RECOMMENDATIONS FOR UNDERGROUND INSTALLATION OF PLASTIC DRAINAGE PIPE:

- THE MINIMUM WIDTH OF THE TRENCH SHOULD BE THE PIPE OD (OUTSIDE DIAMETER) PLUS 16 INCHES OR THE PIPE OUTSIDE DIAMETER TIMES 1.25 PLUS 12 INCHES. THIS WILL ALLOW ADEQUATE ROOM FOR JOINING THE PIPE, SNAKING THE PIPE IN THE TRENCH TO ALLOW FOR EXPANSION AND CONTRACTION WHERE APPROPRIATE AND SPACE FOR BACKFILLING AND COMPACTION OF BACKFILL. THE SPACE BETWEEN THE PIPE AND TRENCH WALL MUST BE WIDER THAN COMPACTION EQUIPMENT USED TO COMPACT THE BACKFILL.
 PROVIDE A MINIMUM OF 4 INCHES OF FIRM, STABLE AND UNIFORM BEDDING MATERIAL IN THE TRENCH BOTTOM. IF
- ROCK OR UNYIELDING MATERIAL IS ENCOUNTERED. A MINIMUM OF 6 INCHES OF BEDDING SHALL BE USED. BLOCKING SHOULD NOT BE USED TO CHANGE GRADE OR TO INTERMITTENTLY SUPPORT PIPE OVER LOW SECTIONS IN THE TRENCH.
 THE PIPE SHOULD BE SURROUNDED WITH AN AGGREGATE MATERIAL WHICH CAN BE EASILY WORKED AROUND THE
- SIDES OF THE PIPE. BACKFILLING SHOULD BE PERFORMED IN LAYERS OF 6 INCHES WITH EACH LAYER BEING SUFFICIENTLY COMPACTED TO 95% COMPACTION. 4. A MECHANICAL TAMPER IS RECOMMENDED FOR COMPACTING SAND AND GRAVEL. THESE MATERIALS CONTAIN
- FINE-GRAINS, SUCH AS SILT AND CLAY. IF A TAMPER IS NOT AVAILABLE. COMPACTING SHOULD BE DONE BY HAND.
 THE TRENCH SHOULD BE COMPLETELY FILLED. THE BACKFILL SHOULD BE PLACED AND SPREAD IN UNIFORM LAYERS TO PREVENT ANY UNFILLED SPACES OR VOIDS. LARGE ROCKS, STONES, FROZEN CLODS OR OTHER LARGE DEBRIS SHOULD BE REMOVED. STONE BACKFILL SHALL PASS THROUGH AN 1-1/2" SIEVE. ROCK SIZE SHOULD BE ABOUT ONE-TENTH OF THE PIPE OUTSIDE DIAMETER. HEAVY TAMPERS OR ROLLING EQUIPMENT SHOULD ONLY BE USED TO CONSOLIDATE THE FINAL BACKFILL.
 TO PREVENT DAMAGE TO THE PIPE AND DISTURBANCE TO PIPE EMBEDMENT. A MINIMUM DEPTH OF BACKFILL ABOVE
- TO PREVENT DAMAGE TO THE PIPE AND DISTORBANCE TO PIPE EMBEDMENT. A MINIMUM DEPTH OF BACKFILL ABOVE THE PIPE SHOULD BE MAINTAINED. PIPE SHOULD ALWAYS BE INSTALLED BELOW THE FROST LEVEL. TYPICALLY. IT IS NOT ADVISABLE TO ALLOW VEHICULAR TRAFFIC OR HEAVY CONSTRUCTION EQUIPMENT TO TRAVERSE THE PIPE TRENCH.

