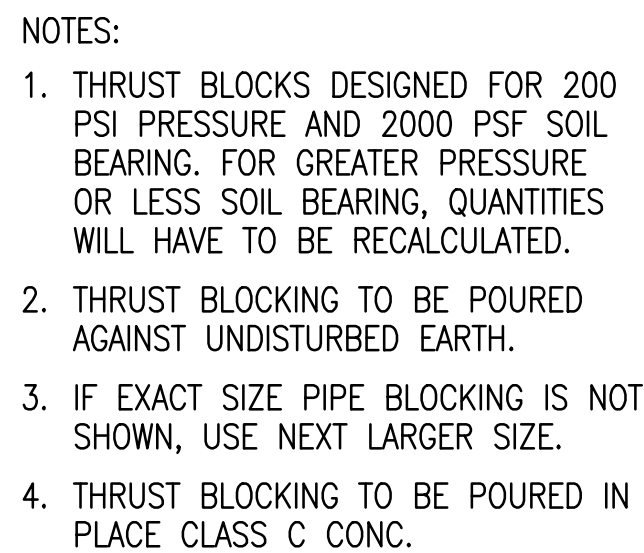
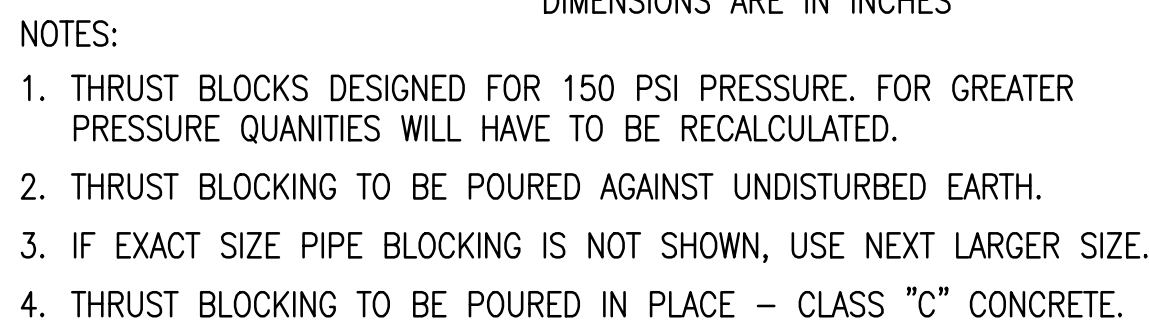




90° BEND								
SIZE	16"	12"	10"	8"	6"	4"	2"	
A	84	60	51	42	32	24	18	18
B	72	60	51	42	32	24	18	18
C	30	18	16	12	12	9	9	9
D	34	30	24	17	13	9	9	9
45° BEND								
SIZE	16"	12"	10"	8"	6"	4"	2"	
A	58	43	38	32	24	18	12	12
B	58	43	38	32	24	18	12	12
C	24	16	14	12	12	8	8	8
D	24	18	15	12	9	6	6	6
22 1/2° BEND								
SIZE	16"	12"	10"	8"	6"	4"	2"	
A	42	32	27	24	18	12	9	9
B	42	32	27	24	18	12	9	9
C	18	16	14	12	10	8	8	8
D	18	13	11	9	6	4	4	4
11 1/4° BEND								
SIZE	16"	12"	10"	8"	6"	4"	2"	
A	30	24	21	17	12	9	9	9
B	30	24	21	17	12	9	9	9
C	18	16	14	12	10	8	8	8
D	12	9	8	6	5	4	4	4
PLUG								
SIZE	16"	12"	10"	8"	6"	4"	2"	
A	66	52	43	34	27	20	18	18
B	66	52	43	34	27	20	18	18
C	12	12	12	12	12	12	12	12
D	44	32	22	15	11	11	11	11
TEE								
SIZE	MAIN BRANCH	16" 16"	12" 12"	10" 8-10"	8" 2-8"	6" 8-10"	4" 2-6"	2" 2-6"
A		66	52	43	34	43	26	26
B		66	52	43	34	43	26	26
C		30	12	12	12	12	12	12
D		30	26	21	14	21	13	13

DIMENSIONS ARE IN INCHES



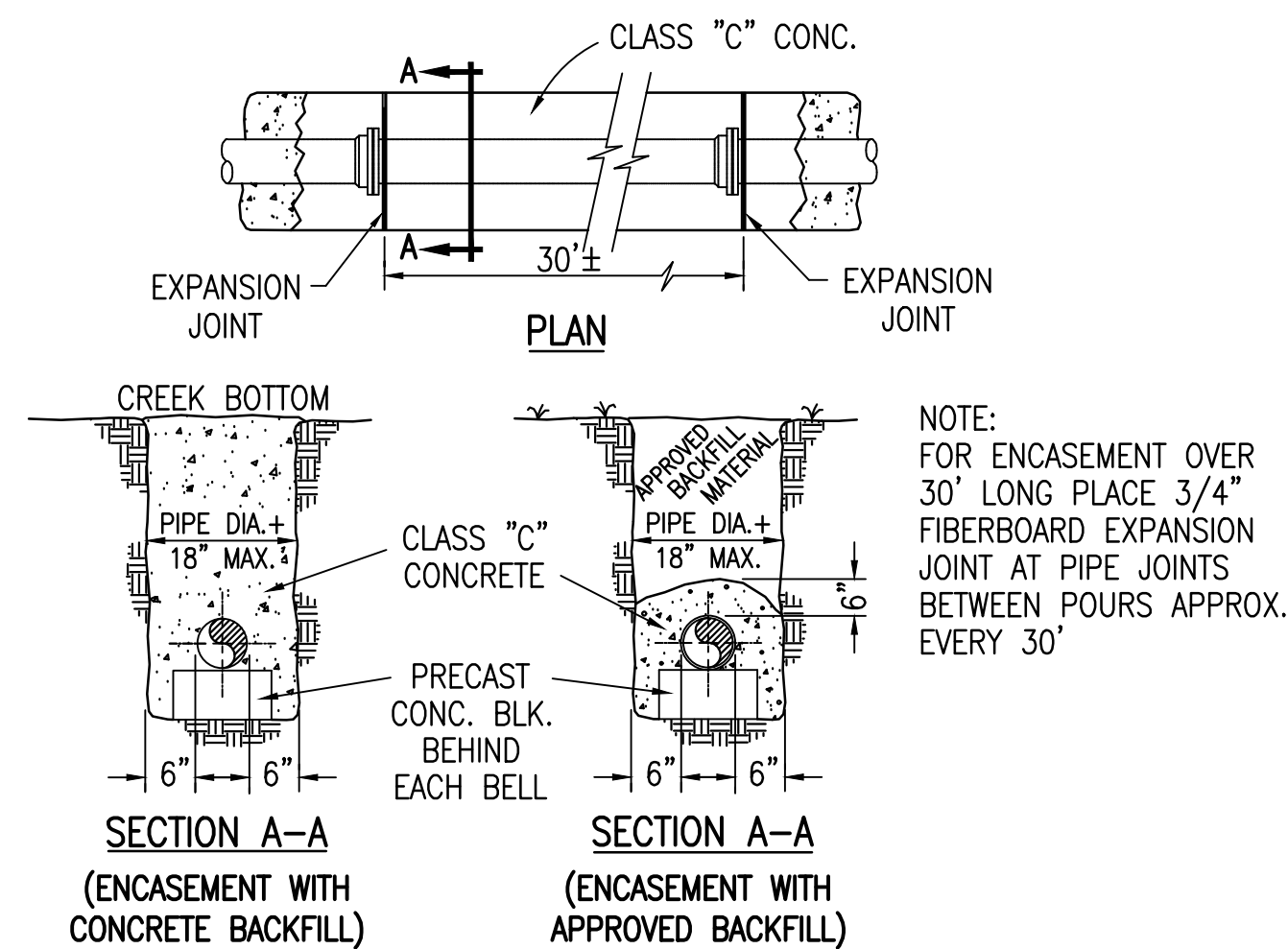
90° BEND							
SIZE	16"	12"	10"	8"	6"	4"	2"
A	85	67	60	54	42	34	30
B	85	67	60	54	42	34	18
C	80	63	56	50	38	30	16
D	76	66	60	48	48	36	24

45° BEND							
SIZE	16"	12"	10"	8"	6"	4"	2"
A	72	60	50	46	35	30	24
B	72	60	50	46	35	28	24
C	68	56	46	42	30	24	18
D	72	60	60	48	48	36	24

22 1/2° BEND							
SIZE	16"	12"	10"	8"	6"	4"	2"
A	58	50	42	38	30	24	18
B	58	48	42	38	30	24	18
C	54	44	38	34	26	20	14
D	60	48	48	36	36	30	24

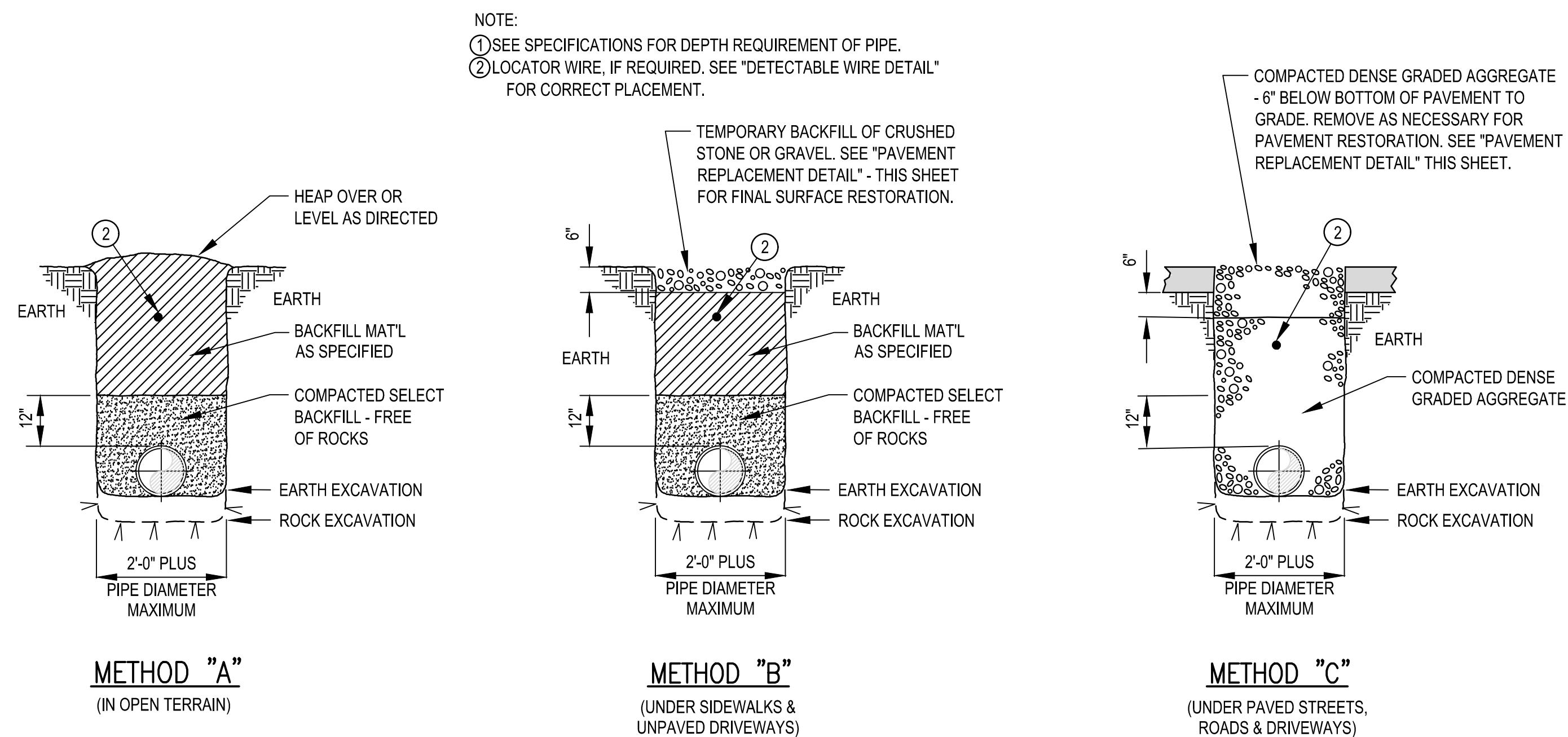
11 1/4° BEND							
SIZE	16"	12"	10"	8"	6"	4"	2"
A	42	36	30	29	24	20	18
B	42	36	30	29	24	20	18
C	38	32	26	24	20	16	14
D	60	48	48	36	30	24	24

DIMENSIONS ARE IN INCHES

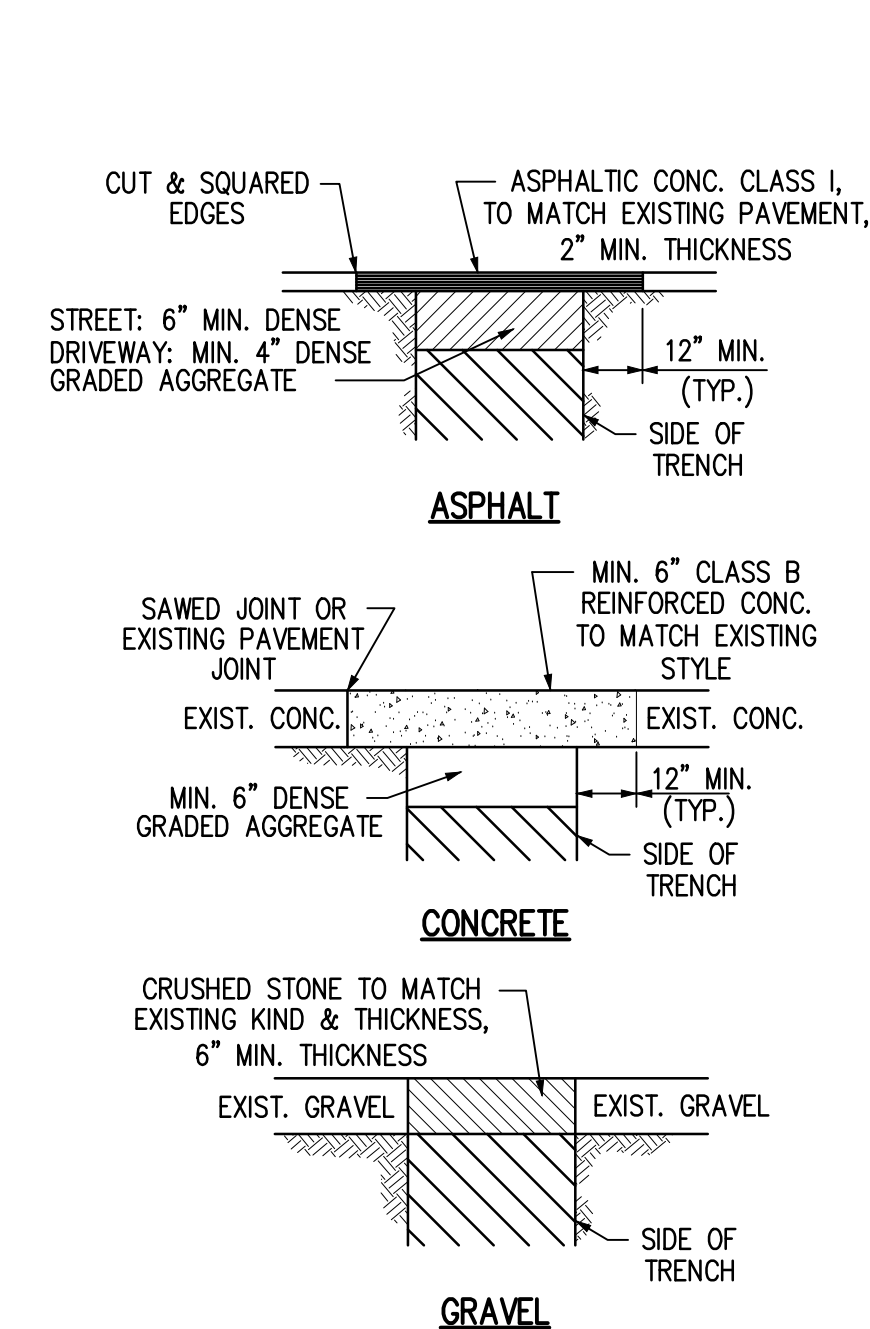


VERTICAL CONCRETE ANCHOR
NOT TO SCALE

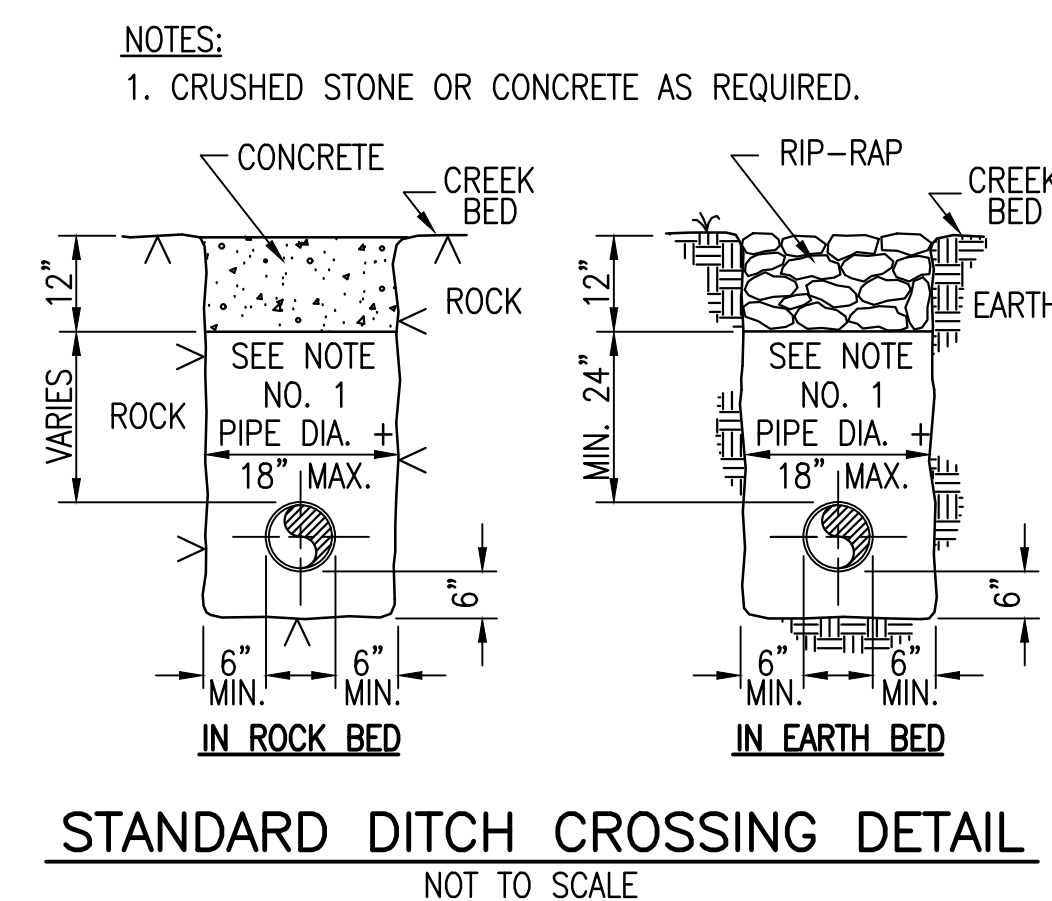
STANDARD CONCRETE ENCASEMENT
NOT TO SCALE



PRESSURE PIPE BEDDING & BACKFILLING DETAILS



PAVEMENT REPLACEMENT DETAILS



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DATE: 11/6/2015