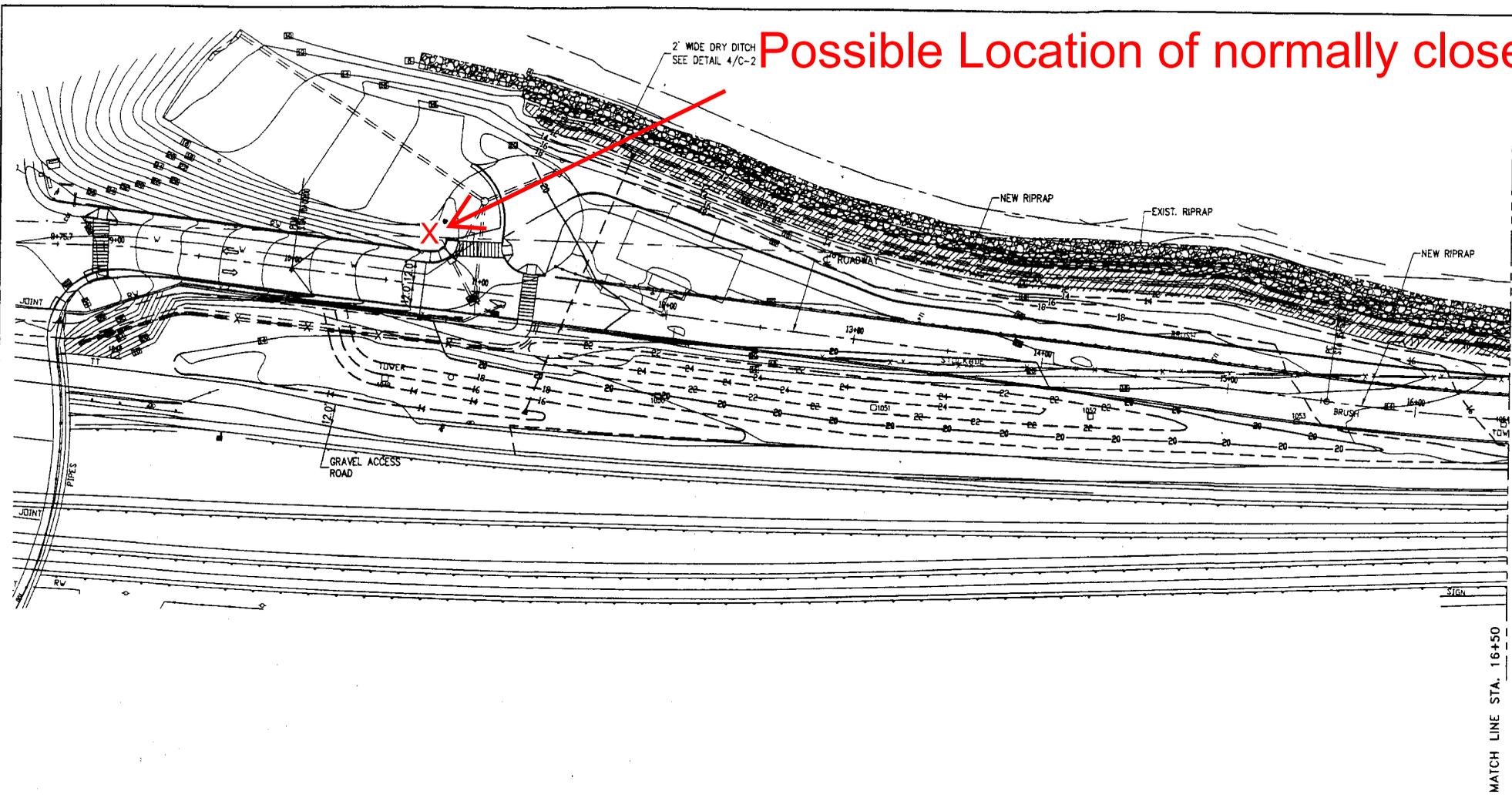


Possible Location of normally closed indicator valve



CENTERLINE ROAD ALIGNMENT			
POINT	STATION	NORTH COORDINATE	CO
POB	10+00.00	862230.0121	66
PC	15+53.11	862738.7170	66
CC		862189.1245	65
PT	17+60.44	862922.6953	66
		R = 1400.0000	
		① Δ = 8°29'07.02" LEFT	
		L = 207.3346	
		M.O. = 3.8364	
PC	21+95.90	863293.5865	66
CC		862769.6073	65
PT	23+67.24	863431.1412	65
		R = 1000.0000	
		② Δ = 9°49'02.71" LEFT	
		L = 171.3463	
		M.O. = 3.6677	
PC	23+96.32	863452.5269	65
CC		864114.4735	66
PT	25+25.23	863554.8426	65
		R = 1000.0000	
		③ Δ = 7°23'10.2" RIGHT	
		L = 128.9128	
		M.O. = 2.0766	
POE	27+15.43	863712.4652	65

GRADING PLAN
SCALE: 1" = 30'

DESIGNED VF, LS
DRAWN JI
CHECKED GA
APPROVED MCM



NO.	DATE	DRWN	CHKD	APPVD	NO.	DATE	DRWN	CHKD	APPVD
REVISIONS					REVISIONS				

McClaren ENGINEERING GROUP
On the Web: WWW.MGMCLAREN.COM
100 Snake Hill Road, West Nyack, NY 10994
Tel. (845) 353-6400 Fax. (845) 353-6509
E-MAIL: MGMCLAREN@MGMCLAREN.COM

Metro-North Railroad
347 Madison Avenue
New York, N.Y. 10017

CROTON BEACH ROAD EXTENSION
GRADING PLAN
(SHEET 1 OF 2)

CONTRACT
SCALE AS SHOWN
DRAWING NO. C
SHEET 11