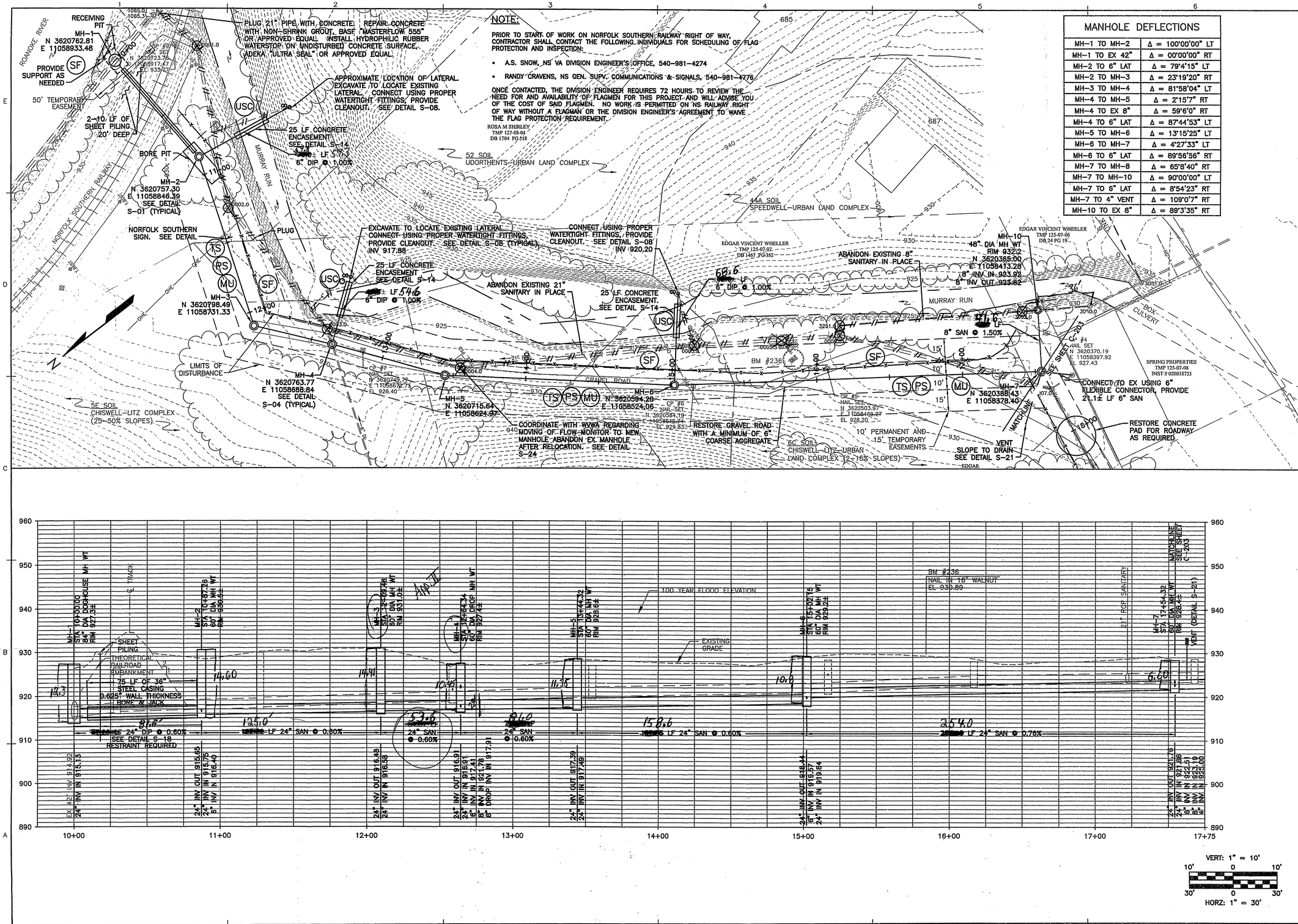
NOTE:

PRIOR TO START OF WORK ON NORFOLK SOUTHERN RAILWAY RIGHT OF WAY, CONTRACTOR SHALL CONTACT THE FOLLOWING INDIVIDUALS FOR SCHEDULING OF FLAG PROTECTION AND INSPECTION:

- A.S. SNOW, NS VA DIVISION ENGINEER'S OFFICE, 540-981-4274
- RANDY CRAVENS, NS GEN. SUPV. COMMUNICATIONS & SIGNALS, 540-981-4776

ONCE CONTACTED, THE DIVISION ENGINEER REQUIRES 72 HOURS TO REVIEW THE NEED FOR AND AVAILABILITY OF FLAGMEN FOR THIS PROJECT AND WILL ADVISE YOU OF THE COST OF SAID FLAGMEN. NO WORK IS PERMITTED ON NS RAILWAY RIGHT OF WAY WITHOUT A FLAGMAN OR THE DIVISION ENGINEER'S AGREEMENT TO WAIVE THE FLAG PROTECTION REQUIREMENT.

MANHOLE DEFLECTIONS	
MH-1 TO MH-2	Δ = 100°00'00" LT
MH-1 TO EX 42"	Δ = 00°00'00" RT
MH-2 TO 6" LAT	Δ = 79°4'15" LT
MH-2 TO MH-3	Δ = 23°19'20" RT
MH-3 TO MH-4	Δ = 81°58'04" LT
MH-4 TO MH-5	Δ = 2°15'7" RT
MH-4 TO EX 8"	Δ = 59°6'0" RT
MH-4 TO 6" LAT	Δ = 87°44'53" LT
MH-5 TO MH-6	Δ = 13°15'25" LT
MH-6 TO MH-7	Δ = 4°27'33" LT
MH-6 TO 6" LAT	Δ = 89°56'56" RT
MH-7 TO MH-8	Δ = 65°8'40" RT
MH-7 TO MH-10	Δ = 90°00'00" LT
MH-7 TO 6" LAT	Δ = 8°54'23" RT
MH-7 TO 4" VENT	Δ = 109°0'7" RT
MH-10 TO EX 8"	Δ = 89°3'35" RT



VERT: 1" = 10'
HORZ: 1" = 30'

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COMMONWEALTH OF VIRGINIA
WAYNE R. MASSIE
Lic. No. 36495
5/12/10
PROFESSIONAL ENGINEER

LOWER MURRAY RUN INTERCEPTOR
WESTERN VIRGINIA WATER AUTHORITY
ROANOKE, VIRGINIA

MRK	DATE	REVISION DESCRIPTION

COMM NO: 209049	
DATE: MARCH 2010	
DRAWN: LDB	DESIGN: WRM
CHECK: TRW	
CAD FILE: 09049-C-202.dwg	
SHEET TITLE	
SANITARY SYSTEM PLAN & PROFILE STA 10+00 TO 17+55	
SHT. NO. C-202	REV. NO. 0