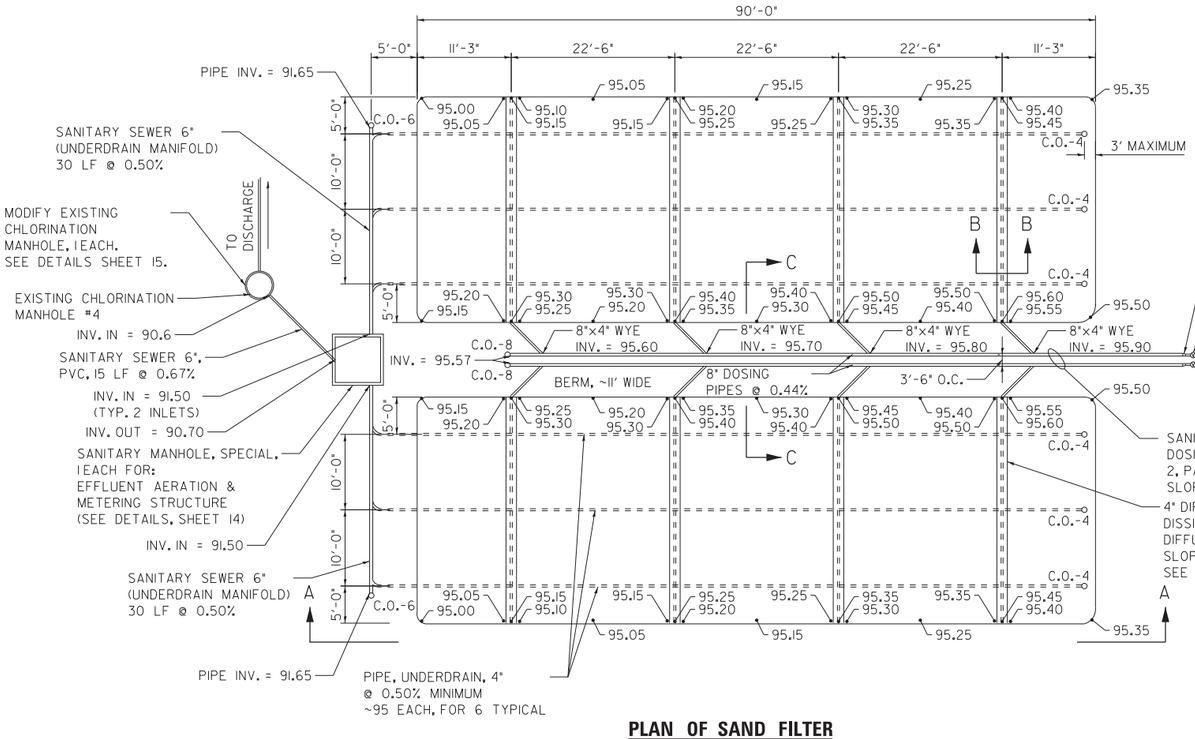
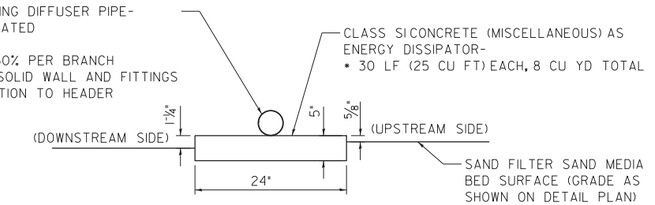


PLAN OF SAND FILTER

No Scale

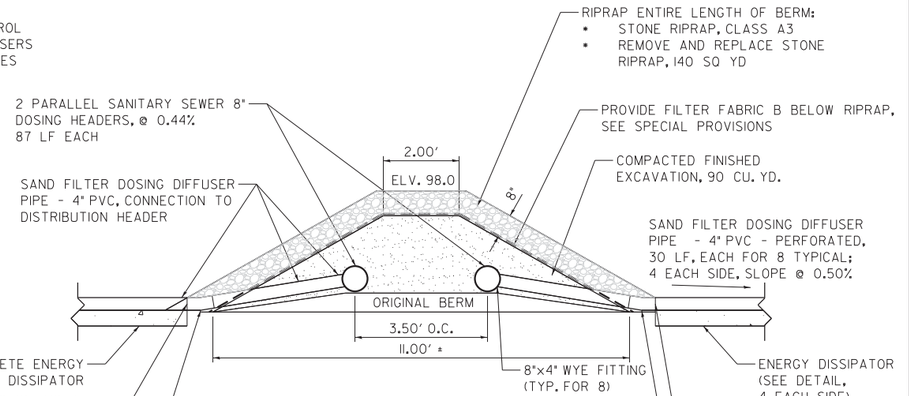
NOTES:
C.O.-# = SANITARY CLEAN OUT #"
95.40 = GRADE ELEVATION SPOT

SAND FILTER DOSING DIFFUSER PIPE- -4" PVC - PERFORATED INCLUDES:
- 30 LF @ 0.50% PER BRANCH
- 5 FT OF 4" SOLID WALL AND FITTINGS
- FOR CONNECTION TO HEADER



SECTION "B–B" ENERGY DISSIPATOR AND 4" DIFFUSER PIPE

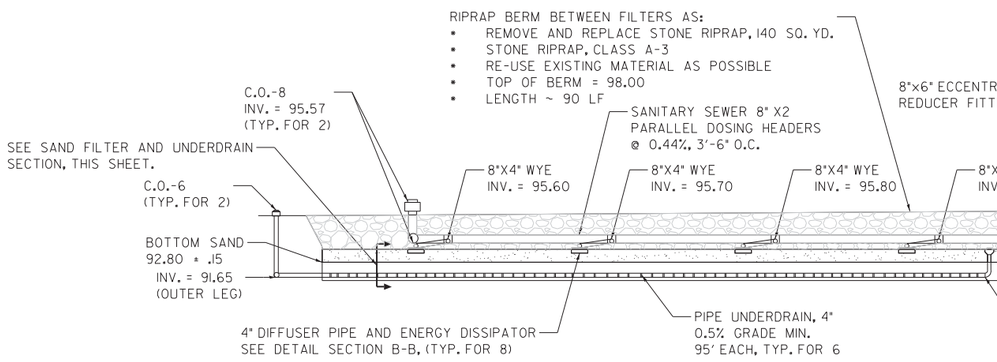
(TYPICAL, FOR 8 LOCATIONS)



NOTE:
EXISTING RIPRAP SHALL BE SALVAGED FOR REUSE. ADDITIONAL STONE NEEDED SHALL BE RR-3, SEE SPECIAL PROVISIONS.

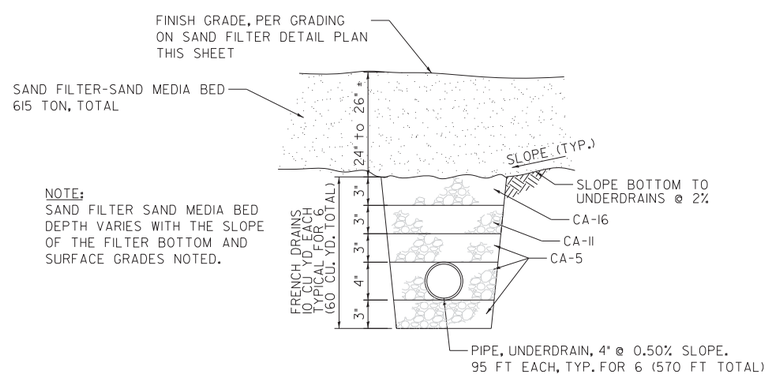
BERM SECTION DETAIL "C–C"

No Scale



SECTION "A–A" OF SAND FILTER

No Scale



NOTE:
SAND FILTER SAND MEDIA BED DEPTH VARIES WITH THE SLOPE OF THE FILTER BOTTOM AND SURFACE GRADES NOTED.

SAND FILTER & UNDERDRAIN SECTION

No Scale

FILE NAME = D570A53-sht-details1.dgn	USER NAME = TKee	DESIGNED - WWS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SAND FILTER SECTIONS AND DETAILS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - TDK	REVISED -				55	FUNKS GROVE RA IMP. 2014-I	MC LEAN	17	10
Default	PLOT SCALE = 1.0000 ' / in.	CHECKED - BEP	REVISED -						CONTRACT NO. 70A53		
	PLOT DATE = 1/15/2014	DATE - 12-13-2013	REVISED -		SCALE: NTS	SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

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CHA
Union Station, 300 S. Meridian St.
Indianapolis, IN 46225
Main: (317) 780-0465 - www.chacompanies.com