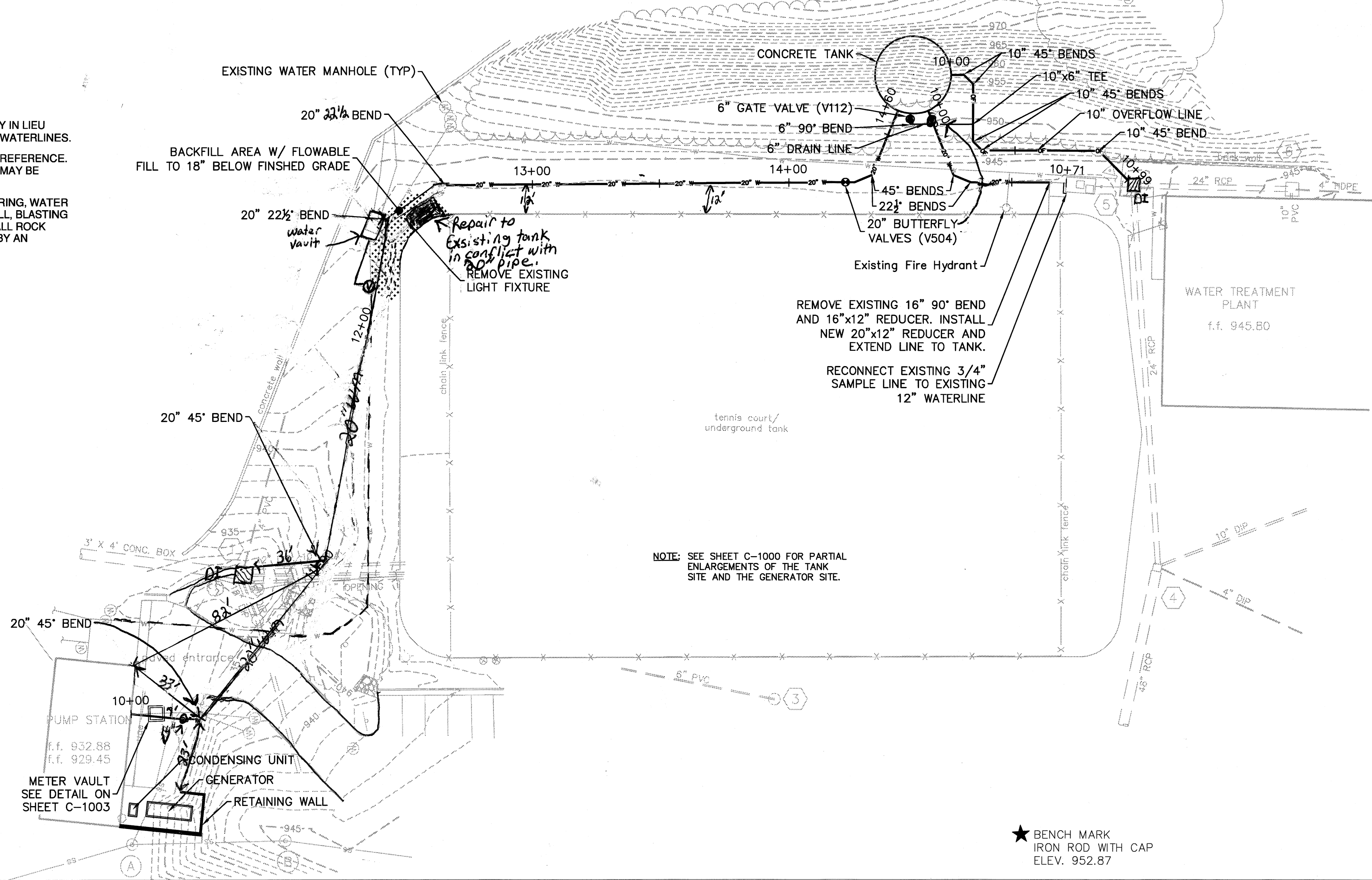


- NOTES:
- USE RESTRAINED JOINTS WHERE NECESSARY IN LIEU OF THRUST BLOCKS FOR INLET AND OUTLET WATERLINES.
 - ROUTING OF LINES SHOWN IS FOR GENERAL REFERENCE. ALLOW FOR ANY ADDITIONAL FITTINGS THAT MAY BE REQUIRED.
 - DUE TO THE PROXIMITY OF THE EXISTING SPRING, WATER TREATMENT PLANT, AND EXISTING CLEARWELL, BLASTING WILL NOT BE ALLOWED FOR THIS PROJECT. ALL ROCK EXCAVATION WILL NEED TO BE COMPLETED BY AN ALTERNATIVE METHOD.



EXISTING SANITARY SEWER
STRUCTURE INFORMATION

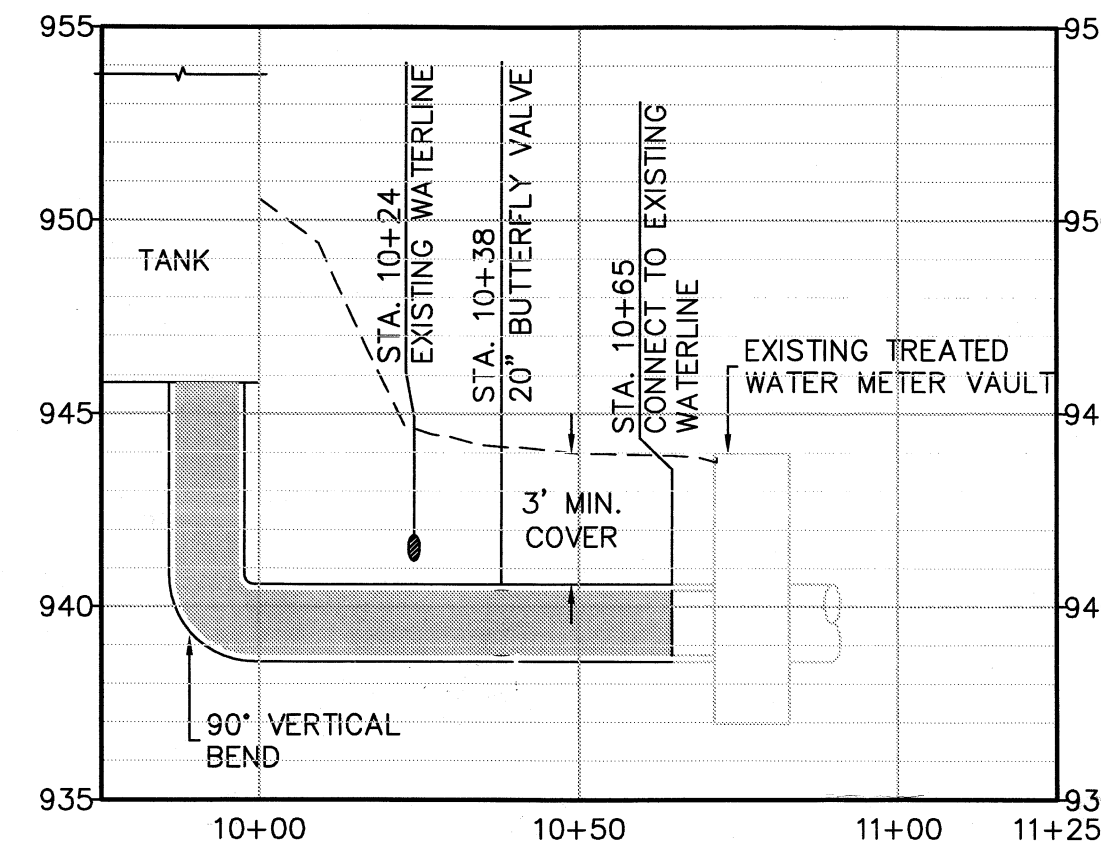
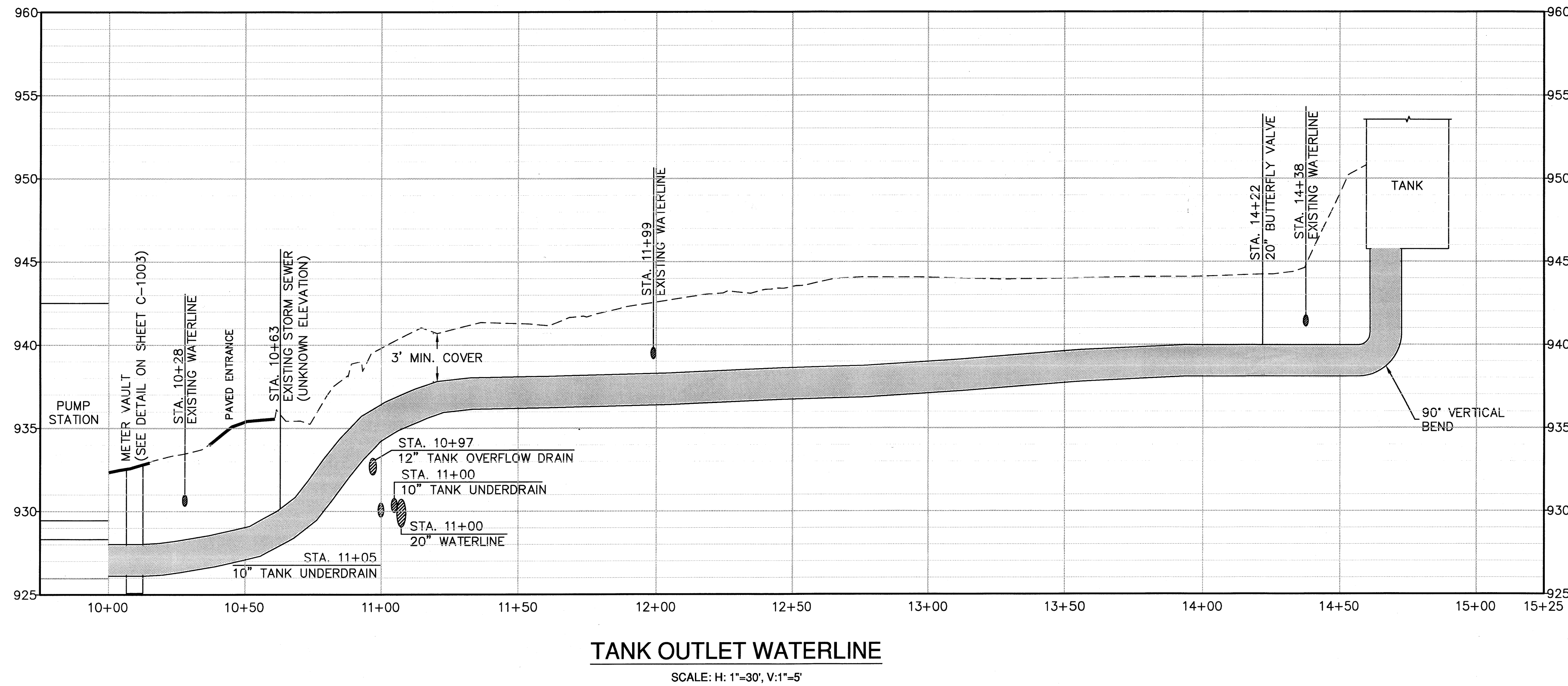
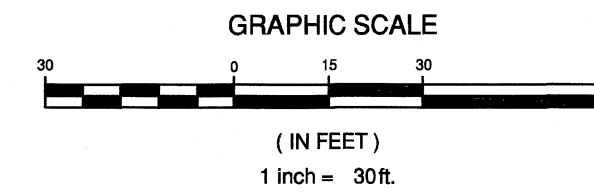
- (A) sanitary manhole
top 932.28
4\"/>
- (B) sanitary manhole
top 945.57
6\"/>

EXISTING STORM SEWER
STRUCTURE INFORMATION

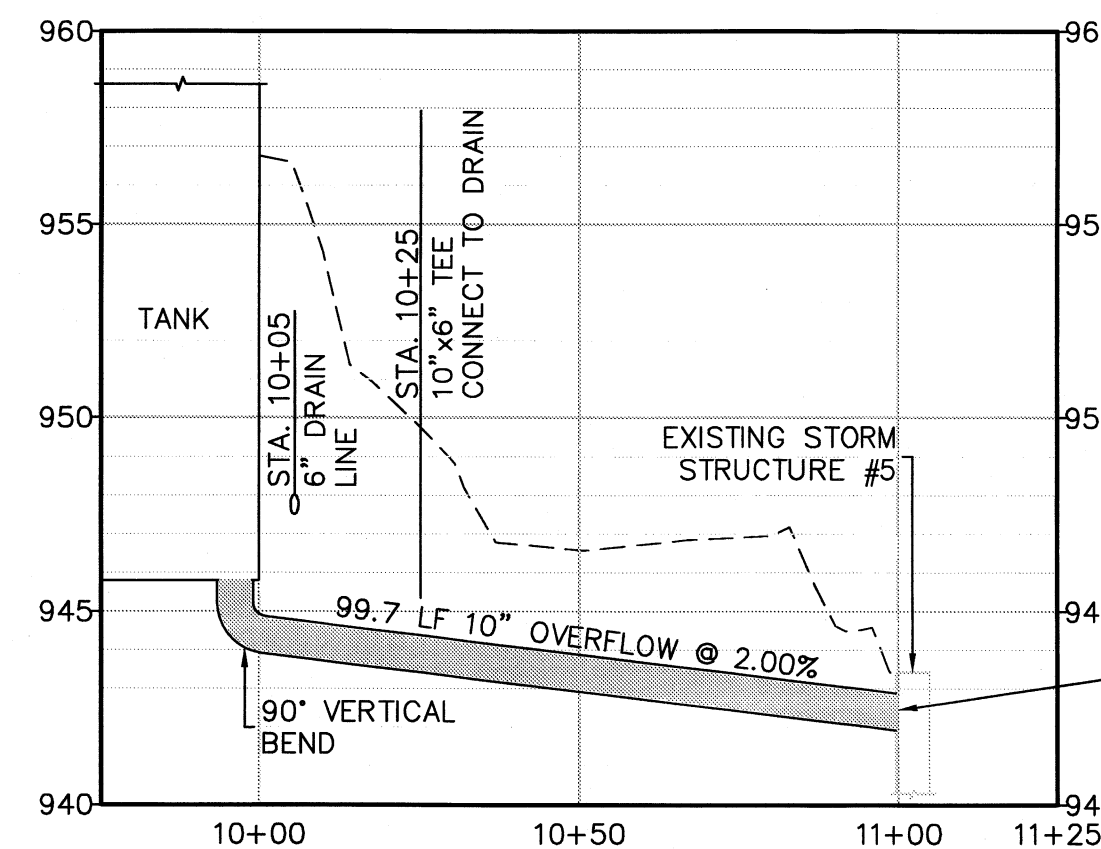
- (1) grate inlet
top 931.11
4\"/>
- (2) storm manhole
top 933.23
inv. in 926.13 SW (pipe note visible)
18\"/>
- (3) storm manhole
top 942.55
6\"/>
- (4) grate inlet
top 942.65
24\"/>
- (5) grate inlet
top 943.24
24\"/>
- (6) grate inlet
top 944.18
4\"/>



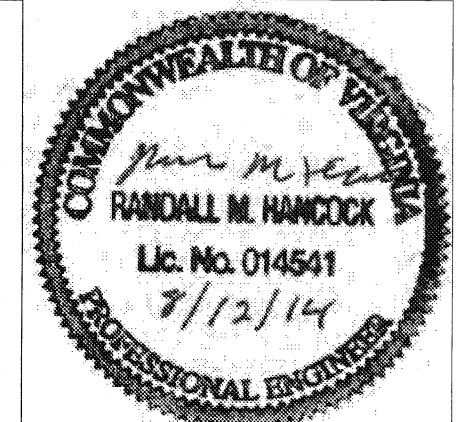
NOTE: CONTRACTOR TO CONTACT MISS UTILITY (811) IN ADVANCE OF PLANNED WORK. ADVANCE TIME PERIOD SHALL BE IN ACCORDANCE WITH CURRENT MISS UTILITY GUIDELINES (www.missutilityofvirginia.com).



TANK INLET WATERLINE
SCALE: H: 1"=30', V: 1"=5'

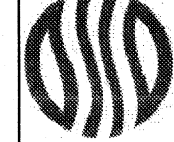


TANK OVERFLOW LINE
SCALE: H: 1"=30', V: 1"=5'



NO.	DATE	REVISION	BY	APPROVED
1	07/30/14	PER CITY COMMENTS	BMC	RMH

CRYSTAL SPRINGS WATER TREATMENT PLANT
INTERMEDIATE STORAGE TANK & GENERATOR
WESTERN VIRGINIA WATER AUTHORITY
CITY OF ROANOKE, VIRGINIA



CIVIL
PLAN AND PROFILES

DATE	JULY 2014
PROJ	475481
DWG	C-1001
SHEET	6 of 37

FILENAME: PROFILES

PLOT DATE: 6/18/2014

PLOT TIME: 11:03:30

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