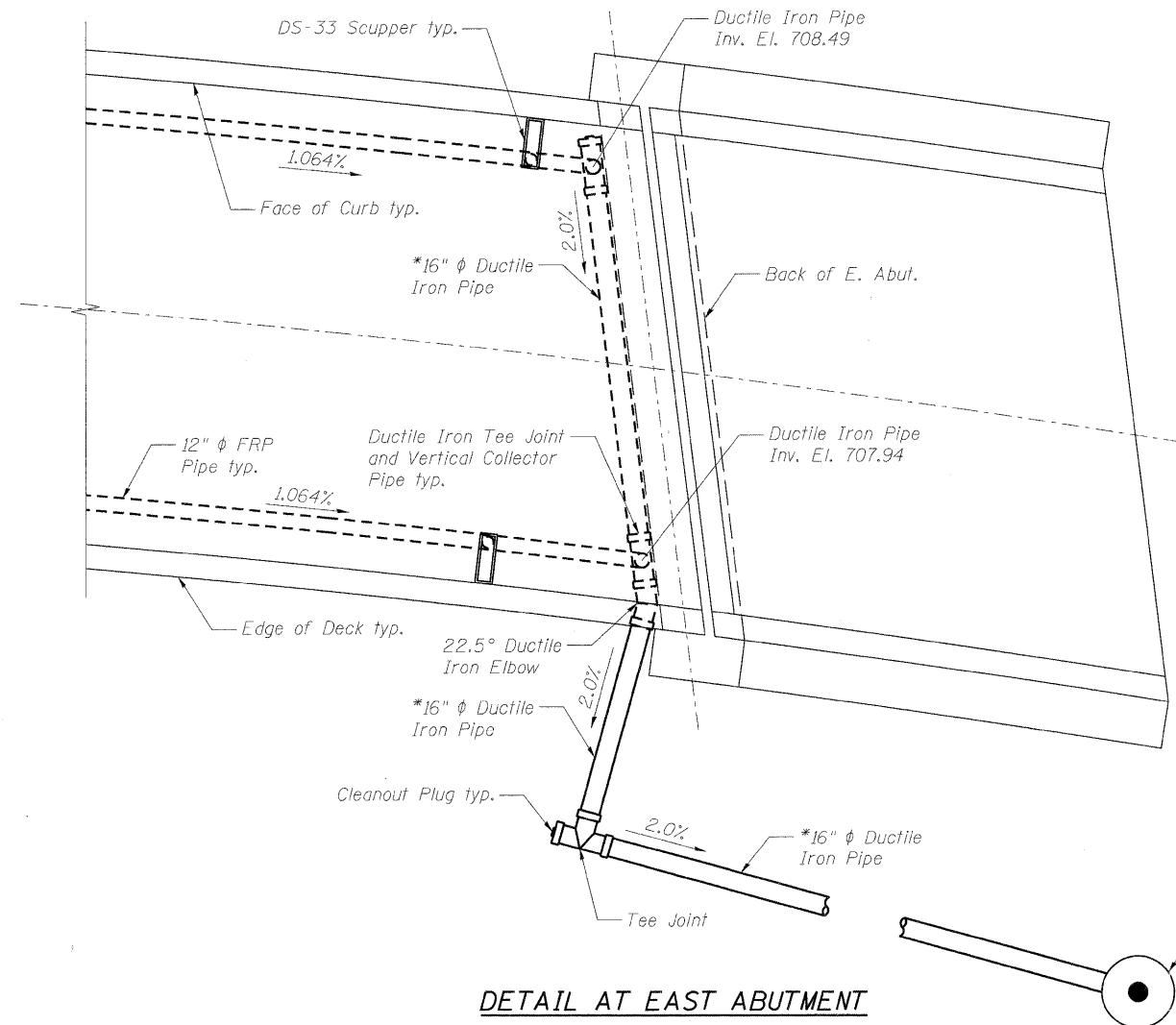


Note: All dimensions measured along ϕ Red Gate Road.

PLAN



DETAIL AT EAST ABUTMENT

* Total length of 16" ϕ Ductile Iron Pipe equal to $\pm 140'-0"$. Cost of pipe, fittings, cleanouts, and anchorages to be included with "Drainage System."

NOTES:

1. Expansion Collars shall be provided at maximum spacing of 250'-0", each with a total movement capacity equal to 7".
2. See Sheet S20 for Drainage System Details.

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Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10092

FILE NAME =	USER NAME = akeoschall	DESIGNED - JLS	REVISED -
0456024_019_Drainage1.dgn		CHECKED - AJK	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 11/9/2011	CHECKED - HMA	REVISED -



CITY OF ST. CHARLES

DRAINAGE SYSTEM PLAN
STRUCTURE NO. 045-6024 RED GATE ROAD OVER THE FOX RIVER
SHEET NO. S19 OF S56 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	04-00092-00-BR	KANE	440	241
				CONTRACT NO. 63650
ILLINOIS FED. AID PROJECT				