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Moving from Preliminary to Final Design of the Grand Prairie Water Commission (GPWC) Eastern and Western Receiving Sites

City of Crest Hill

May 13th, 2024





Location of the Proposed Receiving Stations



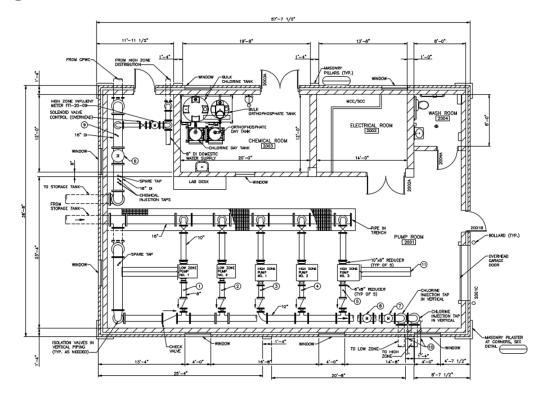


CATON FARM RD SANTARY MANHOLE RM=633.60 INV S=624.40 INV E=624.40 SLOPE= 2.17% TO GUY WIRE (TYP.) POLE (TVP.) TO EAST VALVE IN BOD ATAT O O GAS-H-POLE (THP VNH-PRESSURE ZONE POC CONCRETE ACCESS DRIVE WELL 10 WTP AUX VALVE SANITARY SEWED MH-~ GEN. PAD EASTERN ECEIVING STATION SAN HH-6 FF 635 -39'-0"x57'--8" PVC SANTARY -S'-O' PCC SIDEWALK ١Ì) REMOVE EXISTING 6'-0" CHWN LINK FENCE WITH BARBED WIRE-ſ 9 SEE DRAWING 83' DIA, GROUND LEVEL STORAGE 30 FF 630 ROPOSEI



Eastern Receiving Station Site Plan

Eastern Receiving Station Floor Plan





East Receiving Station from Caton Farm Road Looking Southwest

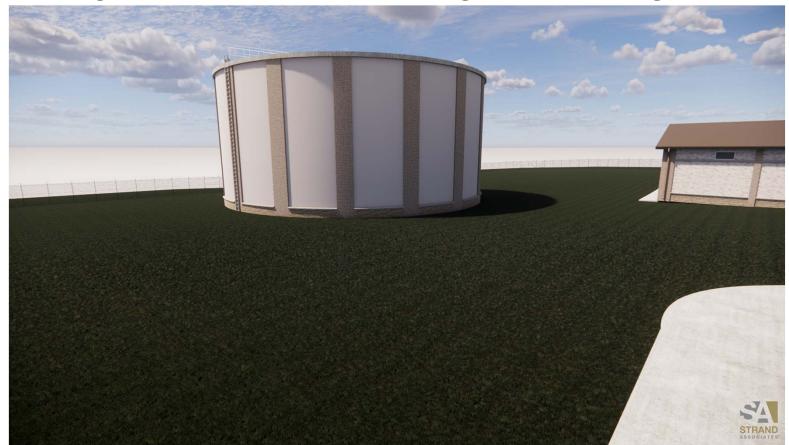




East Receiving Station from Caton Farm Road Looking South



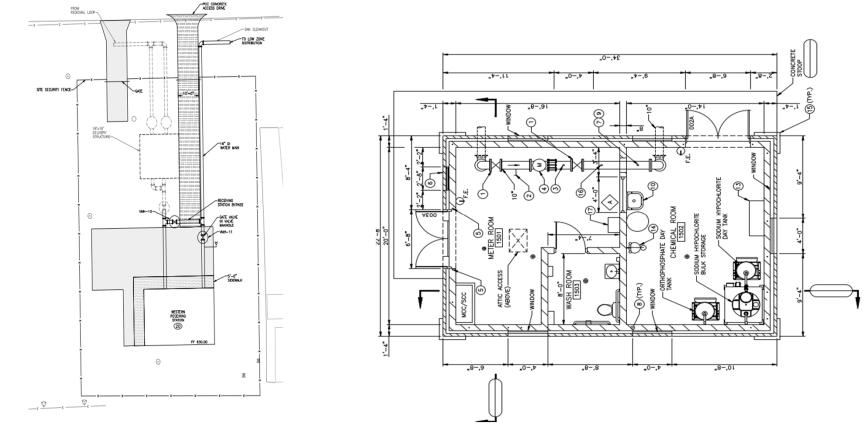








Western Receiving Station Site and Floor Plan





West Receiving Site Viewed from Caton Farm Road Looking Southeast





West Receiving Site Viewed from Caton Farm Road Looking South





Preliminary Design Engineers Opinion of Probable Construction Cost and Anticipated Schedule

East and West Receiving Stations Total Capital Costs	
Opinion of probable construction costs (includes contingency)	
Eastern receiving & pump station	\$5,250,000
Eastern receiving station 2.0 MG reservoir	\$6,500,000
Western receiving station	\$2,750,000
Total probable construction costs	\$14,500,000
Engineering fees	
Design services (± 4.45%) actual	\$645,500
Construction services (±8%) estimated	\$1,160,000
Total estimated engineering fees	\$1,805,500
Total capital costs	\$16,305,500



Preliminary Design Engineers Opinion of Probable Construction Cost and Anticipated Schedule

East Receiving Station Anticipated Schedule		
Design	May 2024 to April 2025	
Advertise	July 2025	
Award	August 2025	
Begin construction	September 2026	
Complete construction	January 2028	
East Receiving Station Ground Level Tank Anticipated Schedule		
Design	May 2024 to April 2025	
Advertise	July 2025	
Award	August 2025	
Begin construction	September 2025	
Complete construction	December 2026	
West receiving Station Anticipated Schedule		
Design	May 2024 to April 2025	
Advertise	July 2025	
Award	August 2025	
Begin construction	September 2025	
Complete construction	December 2026	



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