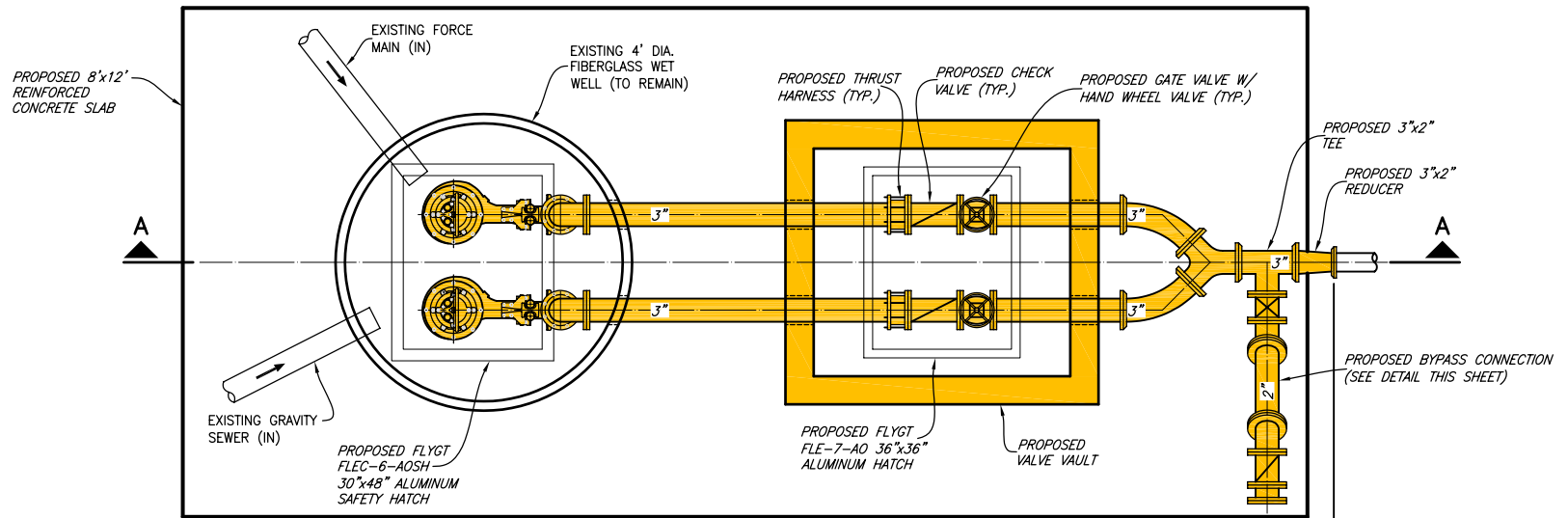
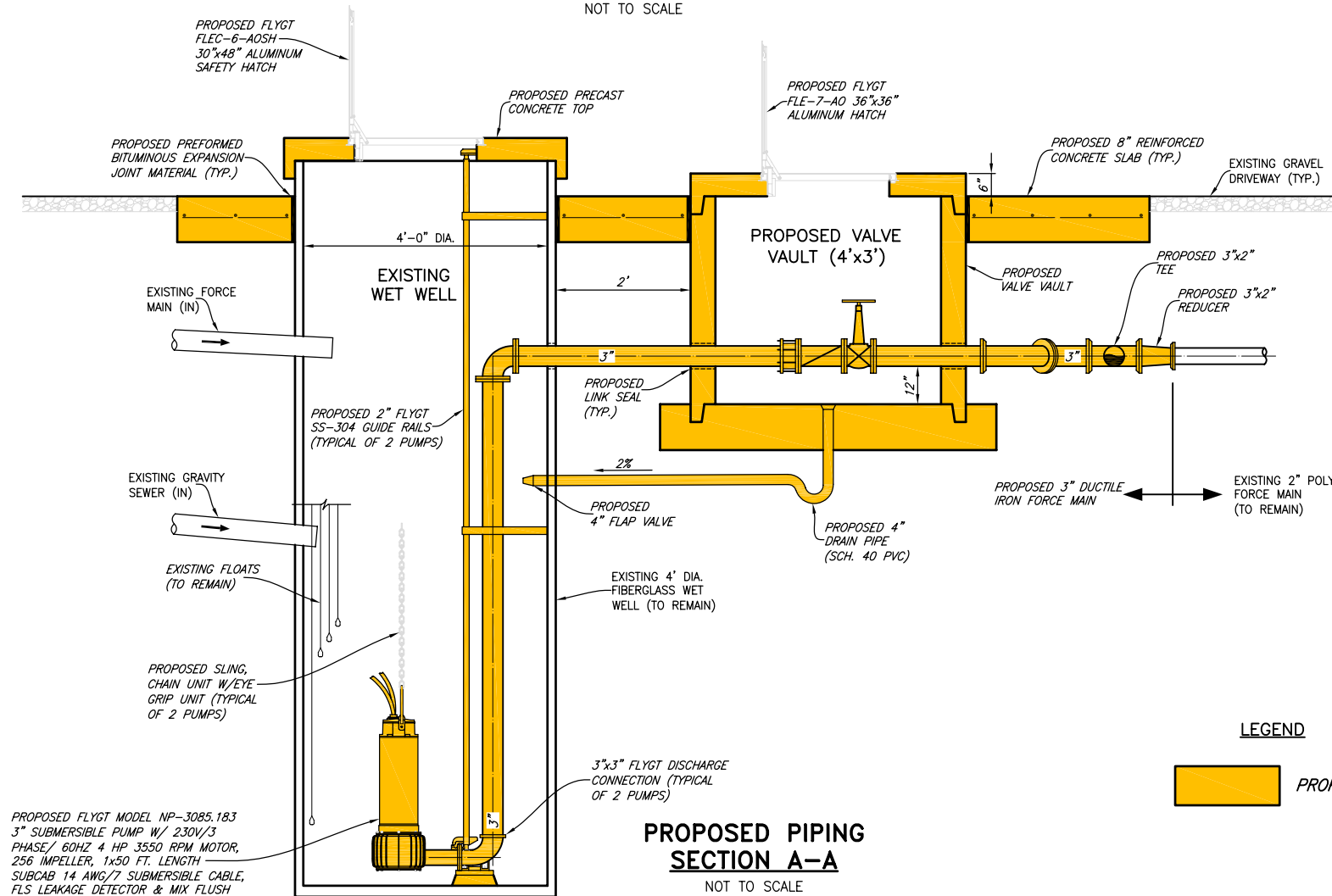


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PROPOSED PLAN VIEW
NOT TO SCALE

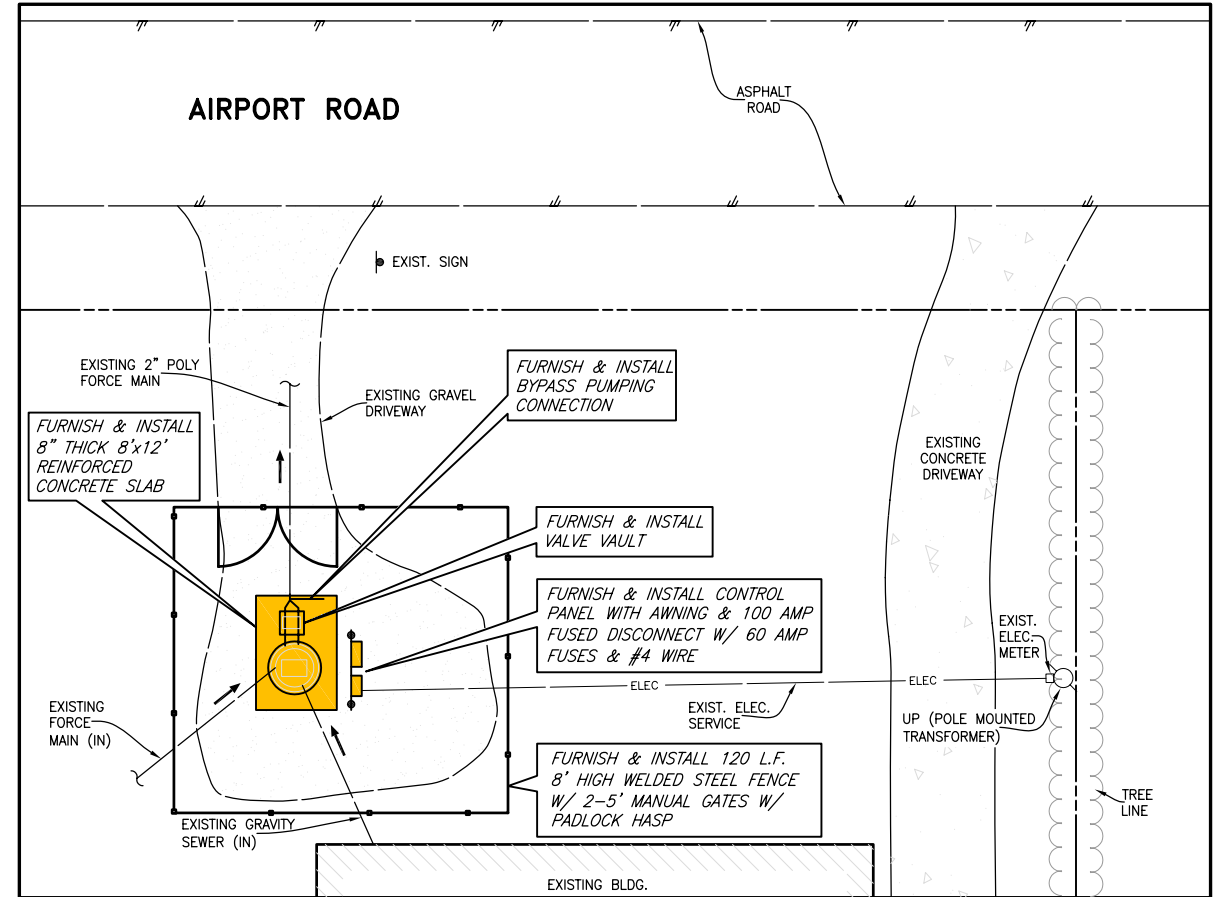


PROPOSED PIPING SECTION A-A
NOT TO SCALE

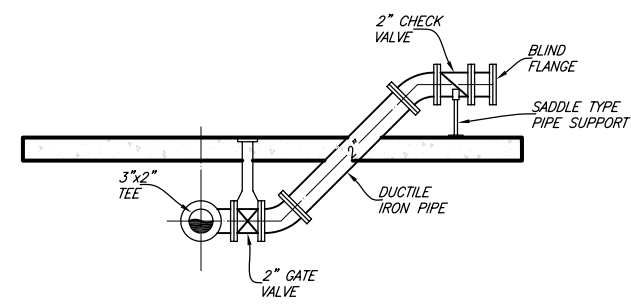
LEGEND



PROPOSED FLYGT MODEL NP-3085.183
3" SUBMERSIBLE PUMP W/ 230V/3
PHASE/ 60HZ 4 HP 3550 RPM MOTOR,
256 IMPELLER, 1x50 FT. LENGTH
SUBCAB 14 AWG/7 SUBMERSIBLE CABLE,
FLS LEAKAGE DETECTOR & MIX FLUSH
VALVE (TYPICAL OF 2 PUMPS)



PROPOSED SITE PLAN
NOT TO SCALE



BYPASS CONNECTION DETAIL
NOT TO SCALE

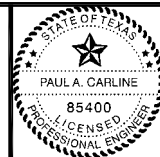
LIFT STATION NOTES

- ALL DUCTILE IRON PIPING SHALL BE ANSI/AWWA C110 DUCTILE IRON, FLANGED, STANDARD THICKNESS.
- EXTERIOR OF ALL DUCTILE IRON PIPING SHALL BE LINED WITH TWO 8.0 MIL COATS (16 MIL TOTAL DFT) OF TENEMEC SERIES 431 PERMA-SHIELD OR APPROVED EQUAL. INTERIOR SHALL BE LINED WITH PROTECTO 401.
- ALL EXPOSED METALLIC PIPE (NON-GALVANIZED, NON-STAINLESS STEEL OR ALUMINUM) AND FITTINGS WITHIN THE WET WELL AND VALVE VAULT SHALL BE COATED WITH A MINIMUM OF TWO 6.0 MIL COATS (12 MILS DFT) OF DEVOE BAR-RUST 233H HIGH PERFORMANCE EPOXY COATING OR APPROVED EQUAL.
- CONTRACTOR SHALL COORDINATE LOCATION OF ALL APPURTENANCES WITH ITT FLYGT. BASE ELBOW ANCHOR BOLT TYPE, LOCATION AND ORIENTATION SHALL BE COORDINATED BY THE CONTRACTOR THROUGH ITT FLYGT ANCHORS FOR BASE ELBOWS SHALL BE INSTALLED PER ITT FLYGT RECOMMENDATIONS.
- 8'x12' CONCRETE SLAB SHALL BE CONSTRUCTED OF NCTCOG CLASS C CONCRETE (3600 PSI @ 28 DAYS) W/ NO. 3 BARS @ 24" O.C.E.W. ON COMPACTED SUBGRADE (95% STD. PROCTOR).
- VALVE VAULT SHALL BE 4'x3' PRECAST CONCRETE (4200 PSI MIN.) AND BE DESIGNED BY LICENSED P.E. IN TEXAS. CONTRACTOR SHALL FIELD VERIFY DEPTH.
- WET WELL TOP SHALL BE PRECAST CONCRETE (4200 PSI) AND BE DESIGNED BY LICENSED P.E. IN TEXAS.
- GATE VALVES SHALL BE MUELLER NRS.
- CHECK VALVES SHALL BE SPRING CHECK SPEC. (TSI-4).
- CONTROL PANEL INCLUDING RADIO, ANTENNA, ETC. SHALL BE FABRICATED & CONFIGURED BY KIMARK SYSTEMS IN CONFORMANCE WITH CITY OF ROCKWALL CONTROL PANEL SPECIFICATIONS STANDARD & INCLUDE A FLYGT SINGLE PHASE KIT OR PHASE CONVERTER. CONTACT ALAN KORNAK WITH KIMARK SYSTEMS AT 817-253-2121. PAYMENT SUBSIDIARY TO BID ITEM NO. 103.

This record drawing is a compilation of the sealed engineering drawing for this project, modified by addenda, change orders and information furnished by the contractor. The information shown on the record drawings that was provided by the contractor or others not associated with the design engineer cannot be verified for accuracy or completeness. This original sealed drawings are on file at the offices of Birkhoff, Hendricks & Carter, L.L.P.

BY P.A.C. DATE 12/17/12

BIRKHOFF, HENDRICKS & CARTER, L.L.P.
PROFESSIONAL ENGINEERS
Texas Firm F526
11910 Greenville Ave., Suite 600
Dallas, Texas 75243 (214) 361-7900



12/1/10

CITY OF ROCKWALL, TEXAS
AIRPORT ROAD LIFT STATION IMPROVEMENTS
LIFT STATION IMPROVEMENTS PLAN & SECTION

BHC PROJECT NO. 4055-218
SHEET NO. 3
DECEMBER 2010