

/2017 9:32 AM NG-37\3782-16.168\DWG\CIVIL C3D 2015\3782-16.168DAM

6" REINFORCED CONCRETE WITH EL 580.05 NO. 3 BARS AT 18" SLOPE 2:1 O.C. BOTH WAYS (H:V) TYP. +→ " <u>⊽100_YR_WSE=578.00</u> PROPOSED - GROUND <u>_ ⊽25 YR_WSE=577.81</u> <u>___10_YR_WSE=577.71</u> <u>⊽ 5</u> YR WSE=577.57 FLOWLINE EL 576.50 29.28' ALL COMPACTION TO BE 95% COMPACTION +**▶** "A" MAXIMUM DENSITY PER ASTM D-1557 WEST TRAPEZOIDAL WEIR DETAIL (NOT TO SCALE) GRAPHIC SCALE IN FEET LEGEND 🔶 — — — PROPERTY LINE 6" REINFORCED CONCRETE WITH EL 582.05 -NO. 3 BARS AT 18" SLOPE 2:1 O.C. BOTH WAYS (H: V) TYP. PROPOSED <u>⊽100 YR WSE=580.0</u>0 GROUND <u> 725 YR WSE=579.81</u> <u>_______YN WSE=579.70</u> FLOWLINE ▲^{EL 578.50} 18.2' **↓** • • ^ • ∧ • • ALL COMPACTION TO BE 95% COMPACTION MAXIMUM DENSITY PER ASTM D-1557 EAST TRAPEZOIDAL WEIR DETAIL (NOT TO SCALE) $Q_{TOTAL} = 1593.62 + 36.11 = 1629.73 \text{ cfs}$

