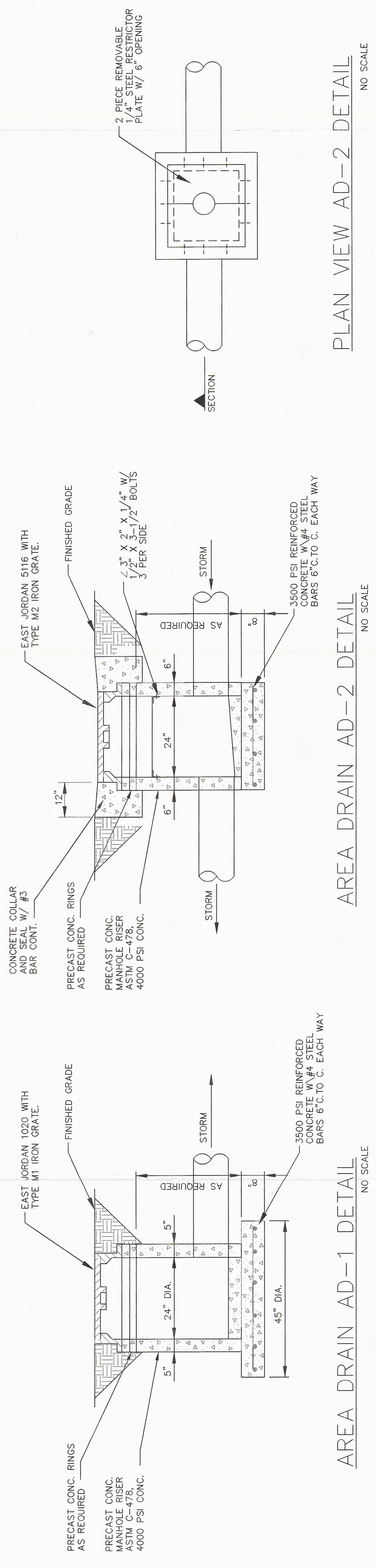


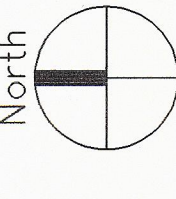
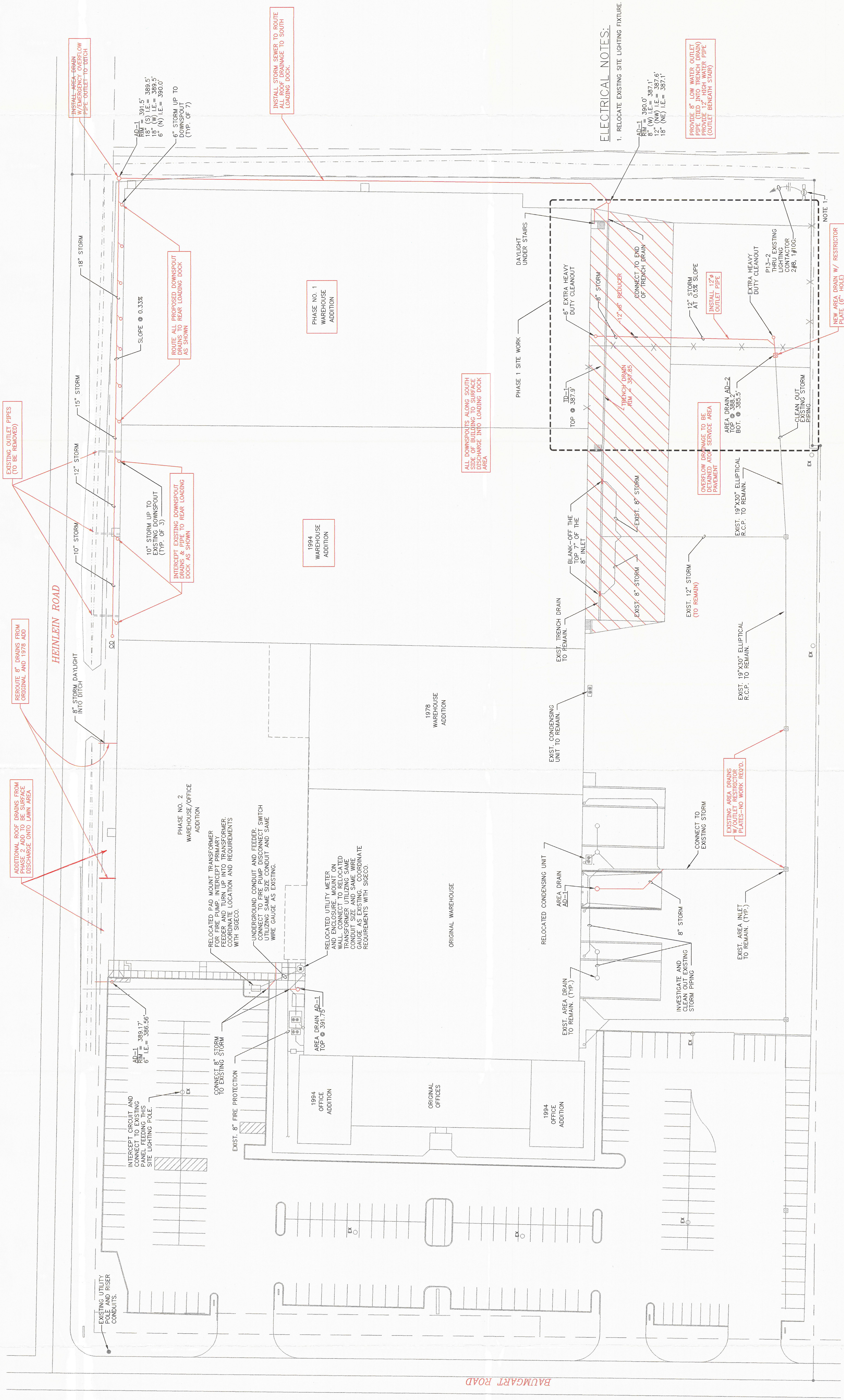
HYDRAULIC SUMMARY
 RATIONAL METHOD
 Q-GIA
 DEVELOPED CONDITIONS
 I=3.35%/10 TO MIN
 A=2.94 ACRES
 Q=3.80 CFS ALLOWABLE FLOWAGE
 DEVELOPED CONDITIONS
 C=0.90 (SMILE 683)
 INFLOW/OUTFLOW CALC.
 RECD. STORAGE 130.35 CF
 (REFER TO REPORT)
 OUTLET STRUCTURE
 Q=CD/76H
 3.80=0.90(A)(1.49)²(1.29)
 0.84=(SINGLE OUTLET PIPE)
 1.29=(SINGLE OUTLET PIPE)
 UTILIZE 2-12" Ø OUTLET PIPES



PLAN VIEW AD-2 DETAIL
NO SCALE

AREA DRAIN AD-2 DETAIL
NO SCALE

AREA DRAIN AD-1 DETAIL
NO SCALE



1" = 30'-0"