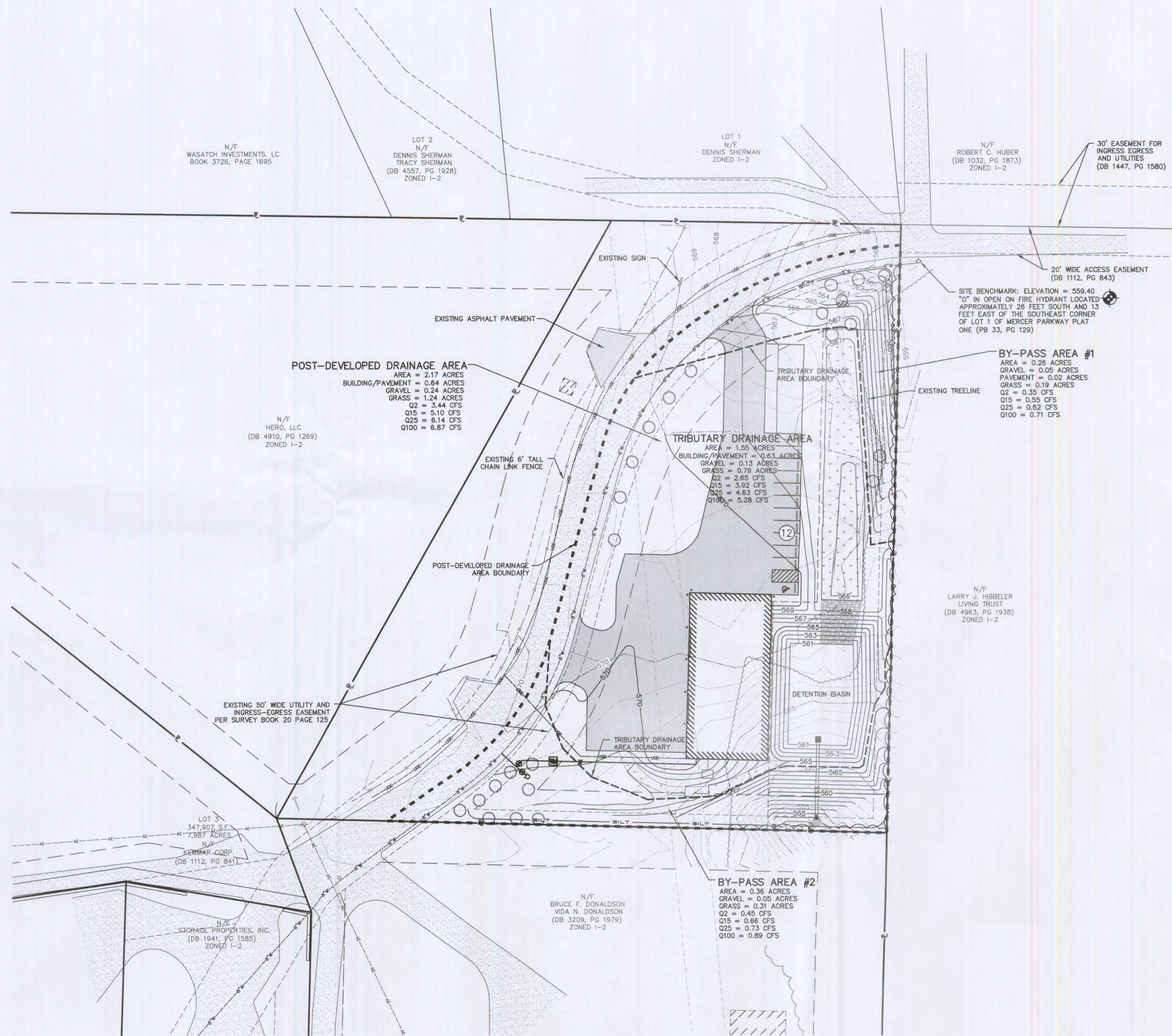
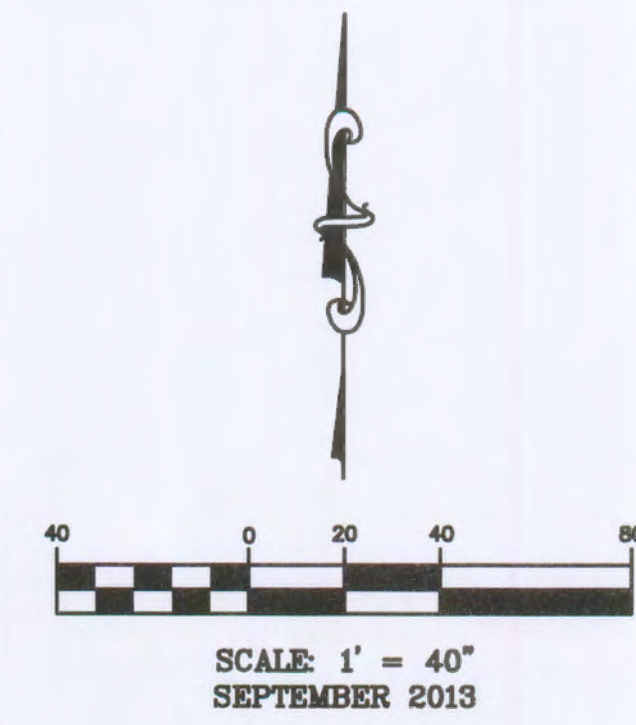


POST-DEVELOPED DRAINAGE AREA MAP



POST-DEVELOPED DRAINAGE AREA
 AREA = 2.17 ACRES
 BUILDING/PAVEMENT = 0.64 ACRES
 GRAVEL = 0.24 ACRES
 GRASS = 1.24 ACRES
 Q2 = 3.44 CFS
 Q15 = 5.10 CFS
 Q25 = 6.14 CFS
 Q100 = 6.87 CFS

TRIBUTARY DRAINAGE AREA
 AREA = 1.55 ACRES
 BUILDING/PAVEMENT = 0.63 ACRES
 GRAVEL = 0.13 ACRES
 GRASS = 0.79 ACRES
 Q2 = 2.65 CFS
 Q15 = 3.92 CFS
 Q25 = 4.63 CFS
 Q100 = 5.28 CFS

BY-PASS AREA #1
 AREA = 0.26 ACRES
 GRAVEL = 0.05 ACRES
 PAVEMENT = 0.02 ACRES
 GRASS = 0.19 ACRES
 Q2 = 0.35 CFS
 Q15 = 0.55 CFS
 Q25 = 0.62 CFS
 Q100 = 0.71 CFS

BY-PASS AREA #2
 AREA = 0.36 ACRES
 GRAVEL = 0.05 ACRES
 GRASS = 0.31 ACRES
 Q2 = 0.45 CFS
 Q15 = 0.66 CFS
 Q25 = 0.73 CFS
 Q100 = 0.89 CFS

LEGEND

PROPERTY LINE	— P —
EASEMENT	— E —
SETBACK	— S —
EXISTING AERIAL ELECTRIC	— AE —
EXISTING UTILITY POLE	— U —
EXISTING GUY WIRE	— G —
EXISTING CHAIN LINK FENCE	— X —
EXISTING WATER MAIN	— W —
EXISTING TREE	— T —
EXISTING TREELINE	— TR —
NEW TREELINE	— NT —
EXISTING UNDERGROUND ELECTRIC	— UGE —
EXISTING FIRE HYDRANT	— FH —
NEW FIRE HYDRANT	— NFH —
NEW STORM SEWER	— SS —
NEW FLARED END	— FE —
NEW WATER LINE	— WL —
NEW WATER VALVE	— WV —
NEW WATER METER	— WM —
NEW SILT FENCE	— SILT —
EXISTING GRAVEL ROAD	— GR —
EXISTING ASPHALT PAVEMENT	— AP —
NEW CONCRETE PAVEMENT	— CP —
NEW ASPHALT MILLINGS	— AM —
NEW BIO-SWALE/FILTER STRIP	— BS —
EXISTING BUILDING	— EB —
NEW BUILDING	— NB —
NEW TREE	— NT —
EXISTING 1' CONTOUR	— 1' —
EXISTING 5' CONTOUR	— 5' —
NEW 1' CONTOUR	— 1' —
NEW 5' CONTOUR	— 5' —
TRIBUTARY DRAINAGE AREA	— TDA —
POST-DEVELOPED DRAINAGE AREA	— PDDA —

Lot 1 of Kemmar Court

Engineering Company's Information



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 State of Missouri
 for Cochran Engineering & Surveying

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P+Z No.
 Approval Date: 7/6/13
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