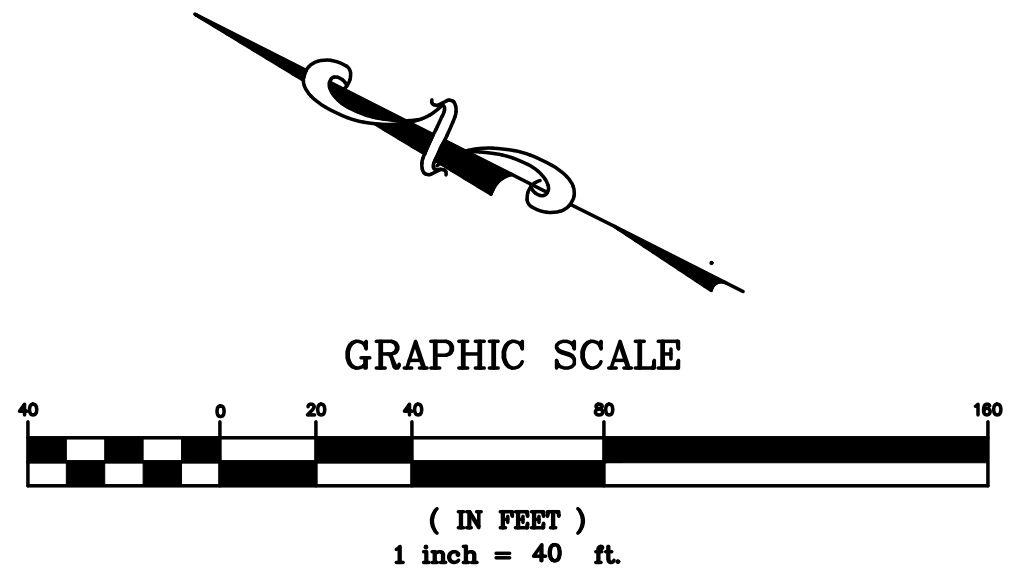


POST-DEVELOPED
OFF-SITE AREA=0.456 Ac.
PR. IMP. AREA =0.456 Ac.

POST-DEVELOPED
ON-SITE AREA=19.112 Ac.
PR. IMP. AREA =12.22 Ac.
 $Q(15)=(3.54)(12.22)+(1.70)(6.89)$
 $Q(15)=54.97$ cfs

PRE-DEVELOPED
OFF-SITE BYPASS
TRIBUTARY AREA=101.16 Ac.

MODIFIED
LAKE OUTFALL



PREPARED BY:
STOCK & ASSOCIATES
Consulting Engineers, Inc.

SITE IMPROVEMENT PLANS FOR:
WATERMARK APARTMENTS AT O'FALLON
CRUSHER ROAD & WELDON SPRING ROAD
CITY OF O'FALLON, ST. CHARLES COUNTY, MISSOURI 63366

STATE OF MISSOURI
GEORGE M. STOCK
REGISTERED PROFESSIONAL ENGINEER
NUMBER PB-23116
04/17/2020

REVISIONS:

1	01/16/2020 - 60% PRINTING
2	02/14/2020 - PERMIT SET
3	03/25/2020 - REVISED PER OWNER / CITY UTILITY COMMENTS
4	04/17/2020 - ADDENDUM A

DRAWN BY:	CS.M.S.	CHECKED BY:	CS.M.S.
DATE:	01/16/2019	JOB NO.:	219-6494
SHEET TITLE: DRAINAGE AREA MAP POST-DEVELOPED			
SHEET NO.:			

C1.2