



OFFSITE RIGHT OF WAY
 AREA 8256 S.F.(0.19 ACRES)
 IMPERVIOUS % = 12
 PI = 1.89 (15YR 20 MIN)
 Q = 0.35 CFS

OFFSITE CAR WASH
 AREA 13630 S.F.(0.31 ACRES)
 IMPERVIOUS % = 10
 PI = 1.79 (15YR 20 MIN)
 Q = 0.55 CFS

3
 AREA DRAINING TO PROPOSED INLET #1
 AREA 15,248 S.F.(0.35 ACRES)
 IMPERVIOUS % = 46
 PI = 2.58 (15YR 20 MIN)
 Q = 0.9 CFS

2
 AREA DRAINING TO PROPOSED INLET # 2
 AREA 20,933 S.F.(0.48 ACRES)
 IMPERVIOUS % = 53
 PI = 2.67 (15YR 20 MIN)
 Q = 1.28 CFS

4
 AREA DRAINING TO PROPOSED INLET #3
 AREA 17,924 S.F (0.41 ACRES)
 IMPERVIOUS % = 66
 PI = 2.97 (15YR 20 MIN)
 Q = 1.2 CFS

1
 AREA DRAINING TO EXISTING INLET #5
 AREA 18,279 S.F.(0.41 ACRES)
 IMPERVIOUS % = 10
 PI = 1.79 (15YR 20 MIN)
 Q = 0.73 CFS

5
 OFFSITE DRAINAGE TO THE NORTH
 AREA 3,009 S.F.(0.06 ACRES)
 IMPERVIOUS % = 100
 PI = 3.54 (15YR 20 MIN)
 Q = 0.21 CFS

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 CIVIL DESIGN, LAND SURVEYING,
 GEOTECHNICAL ENGINEERING, DRILLING SERVICES,
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 CM-CEI-CONSTRUCTION SERVICES



PROPOSED DRAINAGE AREAS
CHRISTIAN BROTHERS AUTOMOTIVE
 OF FALLON, ST. CHARLES COUNTY, MISSOURI 63368

PROJECT NO: 220120	DRAWN BY: PDC
DATE: 10-24-2022	REVIEWED BY: DJR

REVISION	DATE
REV 1	11-18-2022
REV 2	1-8-2023
REV 3	1-13-2023
REV 4	02-09-23

