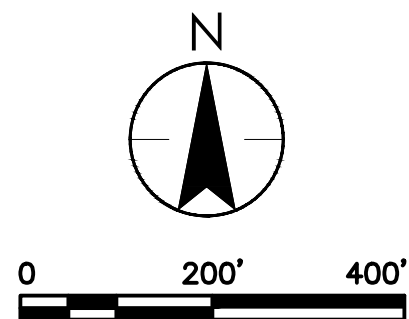






THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. HE AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



| LEGEND                                                                              |                                                                                     |                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------|
| EXISTING                                                                            | PROPOSED                                                                            | DESCRIPTION                                    |
|  |  | PROPERTY (R.O.W.) LINE<br>DIRECTION OF FLOW    |
|  |  | CONTOUR<br>DRAINAGE AREA NUMBER<br>AND ACREAGE |
|                                                                                     | 1.03 AC.                                                                            |                                                |
|                                                                                     |  | DRAINAGE DIVIDE                                |

| EXISTING DRAINAGE AREA CALCULATIONS |                |            |              |                      |           |                 |                      |       |       |        |
|-------------------------------------|----------------|------------|--------------|----------------------|-----------|-----------------|----------------------|-------|-------|--------|
| POINT OF INTEREST                   | DRAINAGE BASIN | AREA (AC.) | CURVE NUMBER | IMPERVIOUS COVER (%) | TC (MIN.) | LAG TIME (MIN.) | PEAK DISCHARGE (CFS) |       |       |        |
|                                     |                |            |              |                      |           |                 | 2 YR                 | 10 YR | 25 YR | 100 YR |
| 1                                   | DA 1           | 12.79      | 80           | 0                    | 12.16     | 7.30            | 17.7                 | 43.0  | 58.1  | 83.4   |
| 2                                   | DA 2           | 13.95      | 80           | 0                    | 10.77     | 6.46            | 19.5                 | 47.2  | 63.8  | 91.3   |
| 3                                   | DA 3           | 7.09       | 80           | 0                    | 8.79      | 5.28            | 10.1                 | 25.0  | 34.0  | 48.9   |
| 4                                   | DA 4           | 1.32       | 80           | 0                    | 7.61      | 4.56            | 2.0                  | 4.9   | 6.6   | 9.5    |
| EXISTING DRAINAGE TOTALS            |                |            |              |                      |           |                 | 47.3                 | 115.2 | 155.9 | 223.6  |

\*POINTS OF INTEREST 1 & 2 DRAIN THROUGH THE PARK TO FREITAG CREEK  
\*\*POINTS OF INTEREST 3 & 4 DRAIN TO HIGHWAY 71

Consultant

[illegible]

Permit/Seal



Client/Project  
BACKYARD MANAGEMENT, LLC

## THE BACKYARD PRELIMINARY PLAT

13801 BEE CAVE PARKWAY  
AUSTIN, TEXAS 78738

Project No.: 222011642

File Name: 11642\_C00\_101\_DAM

Scale

|       |       |           |
|-------|-------|-----------|
| ???   | ???   | 6.18.2021 |
| Dsgn. | Chkd. | YYYY.MM.D |

Title

## OVERALL EXISTING DRAINAGE AREA MAP

Revision:0

Drawing No.

