

Drainage Plan

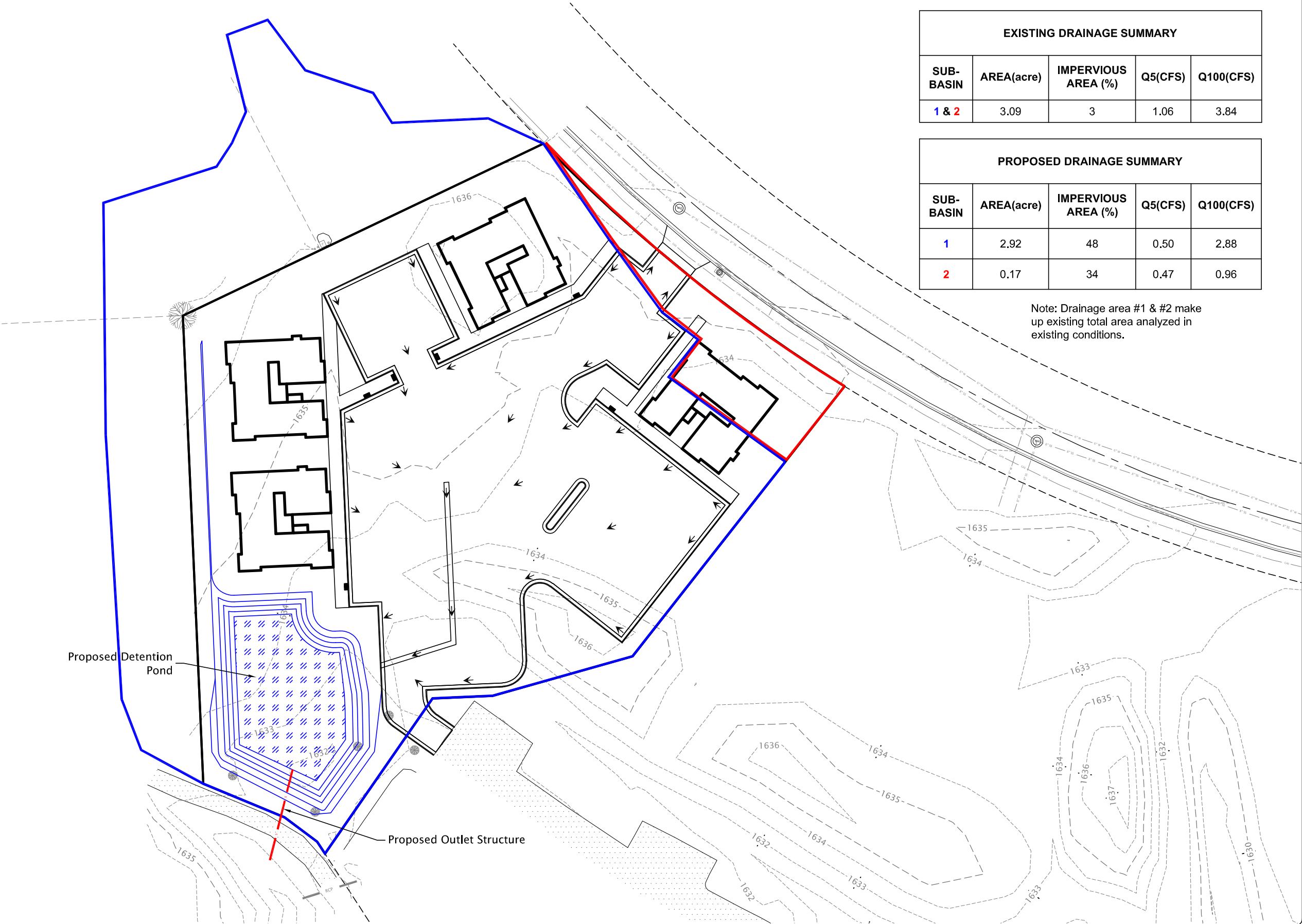
PROPOSED DETENTION SUMMARY	
Elevation	Area(sqft.)
1631.50	5,195
1633.00	6,270
1634.00	7,252
1635.00	8,321

PROPOSED DETENTION DEPTH	
Design Event	Water Depth (ft.)
Q-5	1.79
Q-100	2.11

EXISTING DRAINAGE SUMMARY				
SUB-BASIN	AREA(acre)	IMPERVIOUS AREA (%)	Q5(CFS)	Q100(CFS)
1 & 2	3.09	3	1.06	3.84

PROPOSED DRAINAGE SUMMARY				
SUB-BASIN	AREA(acre)	IMPERVIOUS AREA (%)	Q5(CFS)	Q100(CFS)
1	2.92	48	0.50	2.88
2	0.17	34	0.47	0.96

Note: Drainage area #1 & #2 make up existing total area analyzed in existing conditions.



Scale: 1"=60'



BBG Sioux Village

CAD Filename:

Preliminary Design

CDI Project No.

2022-198

Drawn By:

CDB

Checked By:

AEK

Scale:

1" = 60'

Date:

01/26/2023



609 Main Ave S
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Sheet No:

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