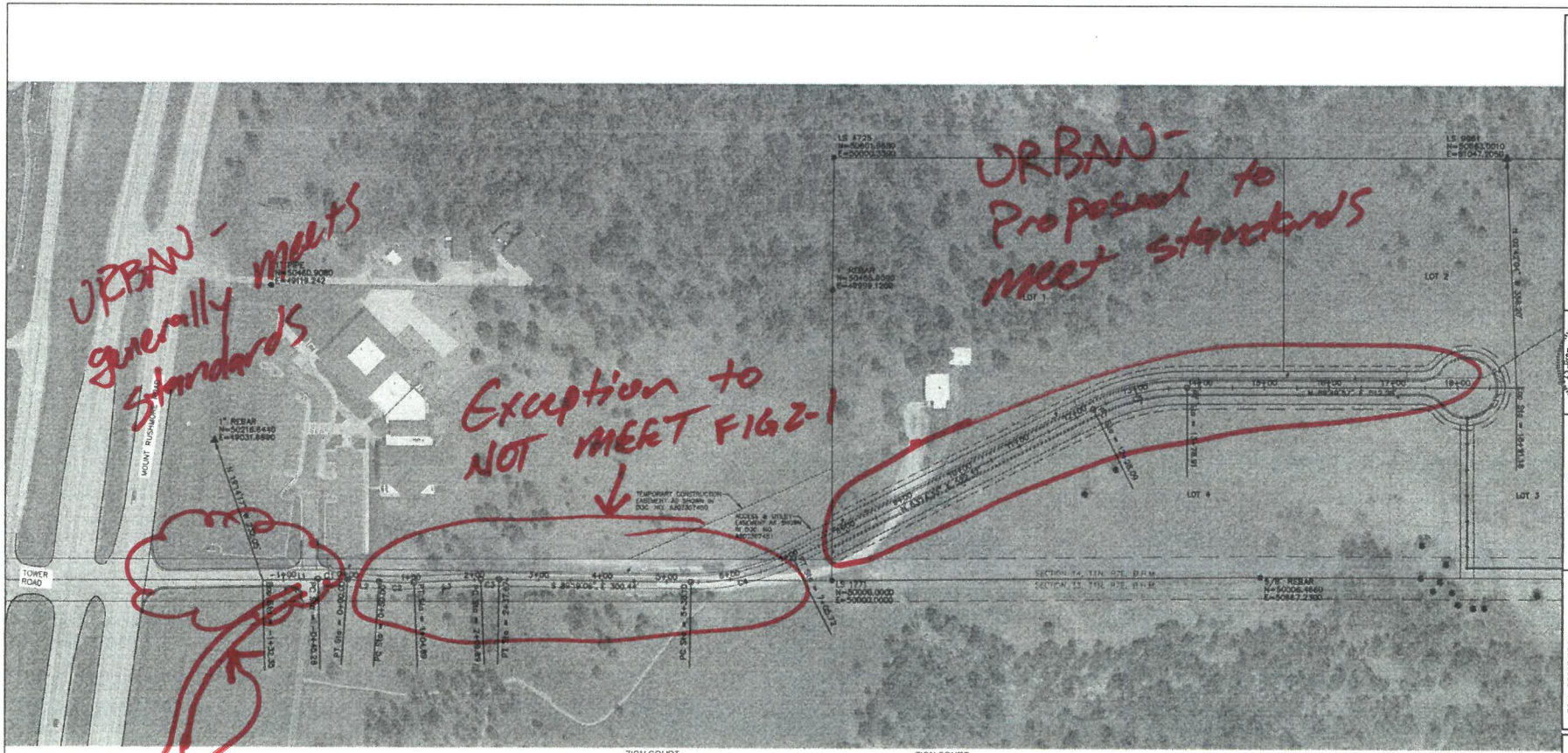

ZION COURT

LINE#	STATION		NORTHING	EASTING
L1	-1+32.35 BOP	N 88°35'58" E	49997.5568	49108.1460
	-0+45.28	87.07'	49999.6850	49195.1931
C1	-0+45.28 PC	R=500.00	49999.6850	49195.1931
	-0+22.82 PI	S 85°48'23" E	50000.2387	49217.8401
	0+00.00 PT	Delta=05°11'18"	49998.7421	49240.4445
L2	0+00.00 PT	S 88°12'44" E	49998.7421	49240.4445
	0+50.00 PC	50.00'	49995.4392	49290.3340
C2	0+50.00 PC	R=500.00	49995.4392	49290.3340
	0+77.47 I	S 89°21'25" E	49993.8244	49317.7453
	1+04.89 PT	Delta=06°17'23"	49994.8235	49345.1904
L3	1+04.89 PT	N 87°29'53" E	49994.8235	49345.1904
	2+09.89 PC	105.00'	49999.4070	49450.0907
C3	2+09.89 PC	R=550.00	49999.4070	49450.0907
	2+23.78 PI	N 89°05'24" E	50000.0135	49463.9721
	2+37.67 PT	Delta=03°11'01"	49999.8482	49477.8659
	2+37.67 PT	S 89°19'06" E	49999.8482	49477.8659
	5+38.10 PC	300.44'	49998.2734	49778.2799
C4	5+38.10 PC	R=350.00	49998.2734	49778.2799
	6+23.55 PI	N 76°57'44" E	49995.2567	49883.7219
	7+05.72 PT	Delta=27°26'22"	50033.7268	49940.0201
	7+05.72 PT	N 63°14'33" E	50033.7268	49940.0201
	12+28.09 PC	522.37'	50268.9053	50406.4525

ZION COURT

LINE#	STATION		NORTHING	EASTING
C5	12+28.09 PC	R=325.00	50268.9053	50406.4525
	13+04.84 PI	N 76°57'44" E	50303.4780	50475.0209
	13+78.91 PT	Delta=26°35'17"	50303.7051	50551.8117
	13+78.91 PT	N 89°48'57" E	50303.7051	50551.8117
	18+91.18 EOP	512.28'	50305.2933	51064.0858

BASIS OF BEARINGS: GEODETIC NORTH DETERMINED BY GNSS, WITH GROUND COORDINATES AND GROUND DISTANCES.

THE VERTICAL CONTROL FOR THE SURVEY WAS ESTABLISHED USING THE NAVD 88 DATUM.

AUGUST 1, 2023

N.T.S.

CITY OF RAPID CITY

Plans are reviewed for general conformance with applicable governmental regulations, design criteria and engineering standards. The City of Rapid City does not certify the suitability, adequacy or completeness of the plans or design, which are the responsibility of the engineer of record. All necessary permits shall be obtained prior to construction of the proposed public improvements.

Engineering Reviewer _____ Date _____

COMMENTS _____

LONGBRANCH CIVIL ENGINEERING, INC.
1238 EAST MINNESOTA STREET
RAPID CITY, SD 57701
TELE: (605) 721-4040
EMAIL: info@longbranchceng.com

REGISTERED PROFESSIONAL ENGINEER
CHARLES E. LONGBRANCH
NUMBER 9861
DAKOTA
CHARLES E. LONGBRANCH
ONLY 5-31-2024

REVISIONS

DATE	REVISION
8/1/2024	PER COMMENTS FROM CITY DATED 7/25/2024
	ADJUSTED LOT LINES TO REFLECT CHANGES FROM ADJACENT PLATTING
	ADDED 4.5% MAX ACCESS EASEMENT
	ADDED 12.5' R.O.W.

LEGAL DESCRIPTION:

LOT 1 THROUGH 5 OF ZION SUBDIVISION LOCATED IN THE SW 1/4 OF THE SW 1/4 OF SECTION 14, T1N, R7E, B.H.M. AND THE SE 1/4 OF THE SE 1/4 OF SECTION 15, T1N, R7E, B.H.M. RAPID CITY, PENNINGTON COUNTY, SOUTH DAKOTA

SURVEYED BY: J.S.
DRAWN BY: J.M.P.
CHECKED BY: C.E.L.
DATE: AUGUST 1, 2023

HORIZONTAL ALIGNMENT AND SURVEY CONTROL

LOT A AND LOTS 1 THROUGH 4 OF ZION SUBDIVISION

ZION PLACE

PROJECT NUMBER 3878

SHEET 3.1