COORDINATE SYSTEM AND PROJECTION INFORMATION

ITD KN: 23244 & 24149
HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
VERTICAL DATUM: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88)
COORDINATE SYSTEM: RECTIFIED OBLIQUE MERCATOR
EPOCH DATE: 2010
PROJECT UNITS: US SURVEY FOOT
ORIGIN LATITUDE: N43°15'00"
ORIGIN LONGITUDE: W112°18'00"
~~ORIGIN FALSE NORTHING: 984250.000~~
~~ORIGIN FALSE EASTING: 492125.000~~
SKEW AZIMUTH AT ORIGIN: 37° EXACT, POSITIVE CLOCKWISE
GRID SCALE FACTOR ALONG AZIMUTH: 1.000225
PROJECT HEIGHT: 4600FT
GEOID MODEL: GEOID18

ORIGIN NORTHING: 492125.00
ORIGIN EASTING: 984250.00
FALSE NORTHING FROM ORIGIN: -9921959.5225
FALSE EASTING FROM ORIGIN: -13980903.8707

NOTES

ADDITIONAL PROJECTION INFORMATION CAN BE FOUND ON INSTRUMENT NO. 751365 ON FILE IN THE BINGHAM COUNTY RECORDERS OFFICE.

PRIMARY CONTROL IS BASED UPON A CONSTRAINED NETWORK OF RTK OBSERVATIONS, ADJUSTED TO THE IDAHO FALLS CORS STATION (IDIF).

PRIMARY CONTROL CONSISTS OF NEWLY SET CONTROL POINTS FOR THE PURPOSES OF CONSTRUCTION. THESE MONUMENTS DO NOT NEED TO BE RESET WHEN CONSTRUCTION IS COMPLETED (1000 SERIES).

SECONDARY CONTROL CONSISTS OF FOUND ROW AND BOUNDARY MONUMENTS ALONG THE PROJECT CORRIDOR (3000 SERIES). THESE MONUMENTS NEED TO BE RETAINED AND PROTECTED.

SUPPLEMENTAL CONTROL CONSISTS OF PUBLIC LAND SURVEY SYSTEM (PLSS) MONUMENTS FOUND ALONG THE PROJECT CORRIDOR (4000 SERIES). THESE MONUMENTS NEED TO BE RETAINED AND PROTECTED.

23244 & 24149 Primary Control

POINT NUMBER	PROJECT GROUND COORDINATES			GEOGRAPHIC COORDINATES			STATE PLANE COORDINATES		DESCRIPTION
	NORTHING	EASTING	ELEVATION	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT	NORTHING	EASTING	
1000	584839.462	1020681.545	4752.43	43°30'15.19458"N	112°09'45.80000"W	4713.51	669661.899	657213.169	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1001	585818.603	1015543.840	4772.87	43°30'24.94010"N	112°10'55.47535"W	4733.89	670648.960	652078.463	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1002	587865.584	1010853.543	4873.86	43°30'45.21249"N	112°11'59.06981"W	4834.85	672702.849	647392.745	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1003	590306.607	1006265.901	4882.14	43°31'09.36480"N	112°13'01.27792"W	4843.11	675150.505	642810.283	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1004	591853.686	1001119.449	4869.72	43°31'24.68510"N	112°14'11.09206"W	4830.65	676705.360	637667.744	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1005	592889.300	995993.810	4861.62	43°31'34.94324"N	112°15'20.63718"W	4822.51	677748.861	632545.198	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1006	594043.664	990883.730	4916.64	43°31'46.36212"N	112°16'29.97718"W	4877.51	678911.055	627438.398	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1007	595458.780	985569.751	5008.08	43°32'00.34410"N	112°17'42.09144"W	4968.93	680334.255	622128.175	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1008	596706.515	980309.189	5091.47	43°32'12.66082"N	112°18'53.48946"W	5052.32	681590.038	616871.088	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1009	597856.121	975030.185	5119.88	43°32'23.99616"N	112°20'05.14525"W	5080.72	682747.750	611595.410	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1010	598874.074	969704.645	5081.11	43°32'34.01878"N	112°21'17.43892"W	5041.94	683773.924	606273.000	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1011	600388.654	964448.521	5088.25	43°32'48.93300"N	112°22'28.80297"W	5049.06	685296.475	601020.783	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1012	601489.102	959759.513	5102.24	43°32'59.75204"N	112°23'32.47150"W	5063.04	686404.108	596334.861	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1013	602445.947	954922.353	5114.18	43°33'09.14137"N	112°24'38.15501"W	5074.97	687368.417	591500.601	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1014	603861.821	949819.024	5119.06	43°33'23.04852"N	112°25'47.46751"W	5079.84	688792.054	586400.983	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1015	603948.886	944707.684	5131.15	43°33'23.82339"N	112°26'56.86516"W	5091.90	688887.275	581291.232	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1016	602916.648	938654.860	5168.29	43°33'13.51572"N	112°28'19.01415"W	5129.00	687865.021	575238.471	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1017	602188.042	933413.328	5209.38	43°33'06.20836"N	112°29'30.15112"W	5170.05	687145.018	569997.258	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1018	602106.127	928401.556	5252.23	43°33'05.27983"N	112°30'38.18645"W	5212.87	687071.159	564986.775	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1019	602583.087	923542.002	5293.39	43°33'09.86246"N	112°31'44.17556"W	5254.00	687555.776	560129.363	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1020	602870.422	917882.238	5323.88	43°33'12.53859"N	112°33'01.02338"W	5284.45	687852.110	554471.664	5/8in Rebar with Alloy Cap || HORROCKS CONTROL
1021	603041.250	912553.408	5364.37	43°33'14.06069"N	112°34'13.37504"W	5324.91	688031.443	549144.618	5/8in Rebar with Alloy Cap || HORROCKS CONTROL

REVISIONS			
NO.	DATE	BY	DESCRIPTION

$$FILEL$$

DESIGNED A.ISHINO
DESIGN CHECKED B.LISH
DETAILED K.OLSON
DRAWING CHECKED B.LISH

SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY
CADD FILE NAME 24394_SC.DGN
DRAWING DATE: July 10, 2026

IDAHO TRANSPORTATION DEPARTMENT
YOUR Safety→YOUR Mobility→YOUR Economic Opportunity
Horrocks.

PROJECT NO.
A023(244)

SURVEY CONTROL PLAN
US 20, MP 291
TO IDAHO FALLS

ENGLISH
COUNTY BONNEVILLE
KEY NUMBER 23244
SHEET 7 OF 480

PROFESSIONAL LAND SURVEYOR
LICENSED
18781
09-15-26
STATE OF IDAHO
BRIAN T. LISH