

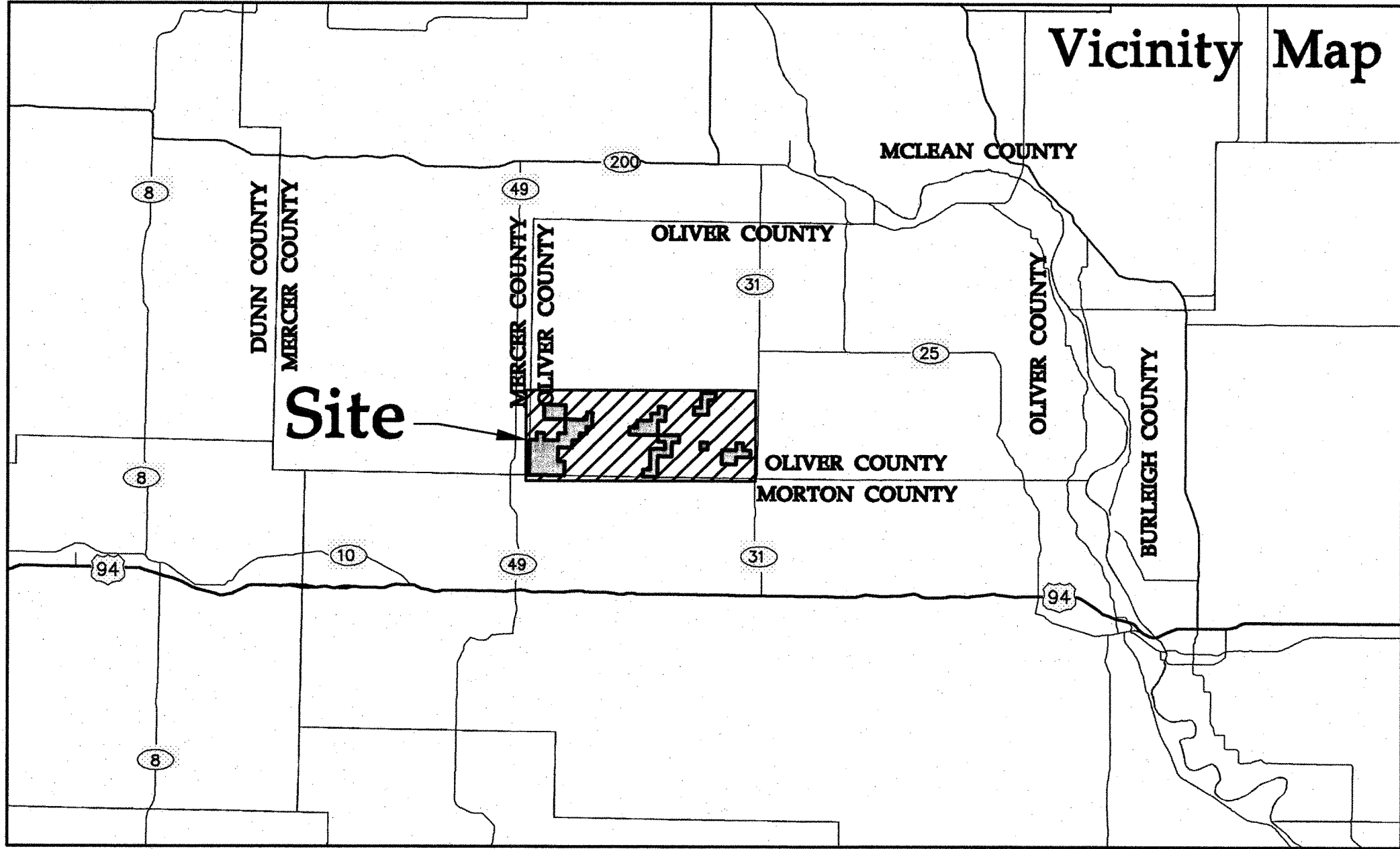
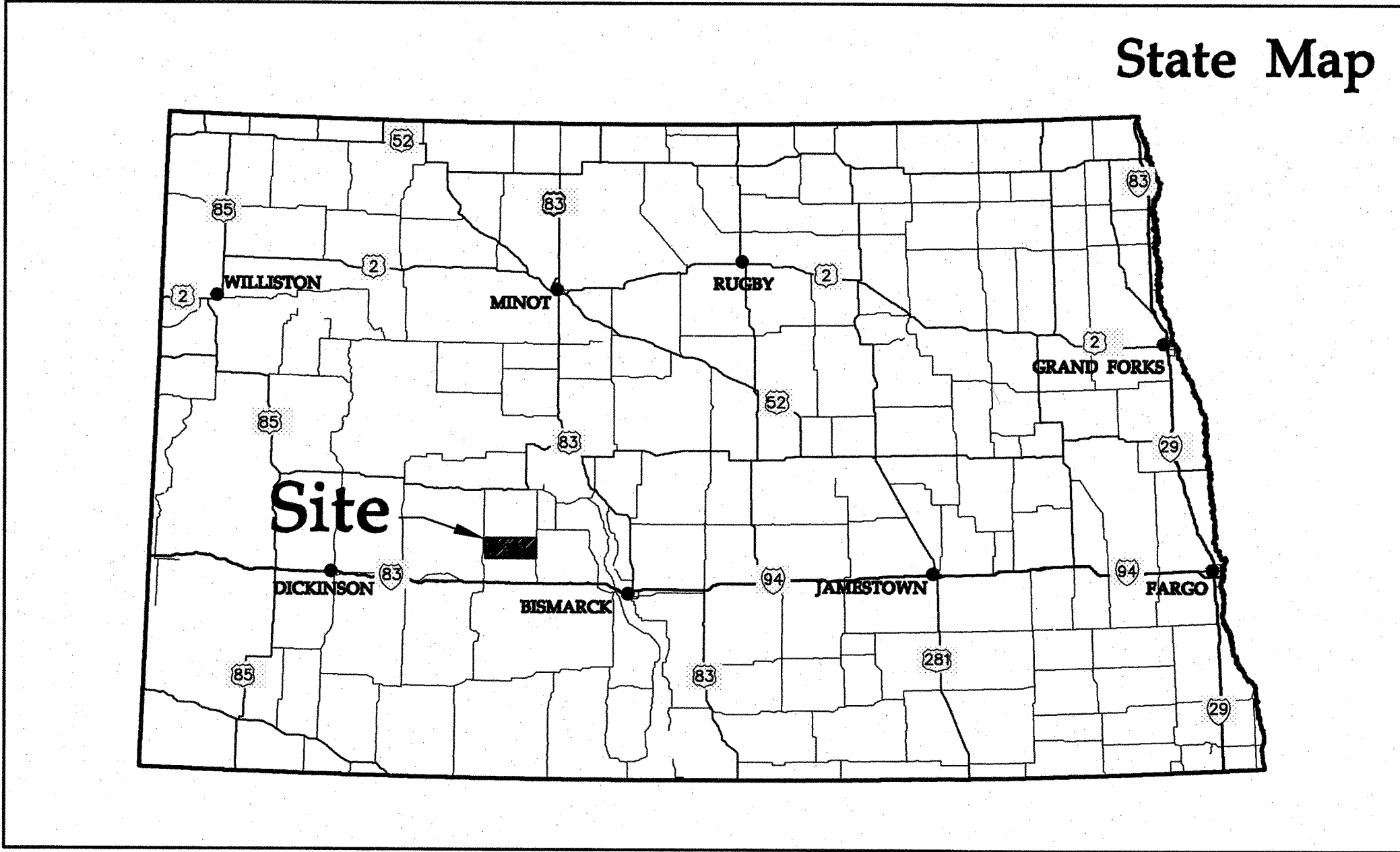
Issued for Construction Civil Plans

for

Wind Turbine Generators, Access Roads, Drainage and Erosion Control

for

Bison 4 Wind Project Oliver County, North Dakota



NO.	DATE	REVISION	SHEETS
1	09/04/13	Owner Comments	T.01-02, C.10-11,20,21,27,53-57,90
2	10/09/13	Owner Comments	T.01-02, C.03-04,08,11,98-100,103,106-108
3	02/28/14	Owner Comments	T.01-02,C.1-2,4,9,12-13,16,18,34-35,40-41,60,86-87,102-104,106-107,109

Data Set Information

BASE FILE	FILE NAME	PROVIDER	DATE
TURBINE ARRAY	2013-06-21 Final Turbine Array	WESTWOOD*	06/12/2013
ALTA/CADASTRAL	Bison 4 Cadastral Ownership Drawing 9-4-13.DWG	ULTEIG	09/04/2013
LAND CONTROL	Bison 4 Landowner Shapefiles	MINNESOTA POWER	05/06/2013
TOPO	Additional LiDAR	MINNESOTA POWER	06/04/2013
SUPPLEMENTAL TOPO	Bison 4 Ground Topo Data.dwg	ULTEIG	06/27/2013
COLLECTOR LINES	Bison_4_Collector_Layout_7-31-13.shp	STANTEC	07/31/2013
SUBSTATION TOPO	Laydown - TriCounty Substation LiDAR	MINNESOTA POWER	06/18/2013
WETLANDS	Wetlands.zip	WEST	06/21/2013
CULTURAL AREAS	7122013_50ft Site Avoidance on eligible sites.idx	BEAVER CREEK ARCHAEOLOGY, INC.	06/24/2013

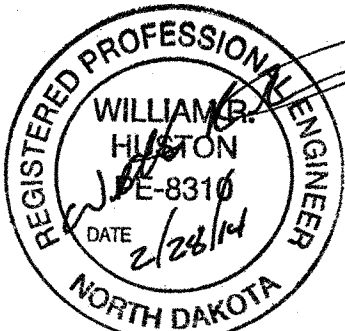
*PROVIDED FINAL TURBINE ARRAY TO MINNESOTA POWER AFTER VERIFICATION FROM METEOROLOGICAL AND SURVEYED BY ULTEIG FOR FINAL EXISTING GROUND ELEVATIONS AT TURBINE CENTER.

**INFORMATION SHOWN ON PLAN SET DOES NOT REFLECT CADASTRAL SURVEY, ISSUED FOR CONSTRUCTION PLAN SET TO PROVIDE FINAL CADASTRAL PROVIDED INFORMATION.

PROJECT CONTACT INFORMATION:

TITLE	COMPANY	NAME	CONTACT NUMBER
OWNER	MINNESOTA POWER	MATT FREUDENRICH	(320) 635-5033
PROJECT MANAGER	WESTWOOD	DAN BECKMANN	(952) 906-7424
CIVIL ENGINEER OF RECORD	WESTWOOD	WILL HUSTON	(320) 229-2324
ELECTRICAL ENGINEER OF RECORD	STANTEC	---	---
STRUCTURAL ENGINEER OF RECORD	RRC	---	---

Westwood
Westwood Professional Services, Inc.
7699 Anagram Drive
Eden Prairie, MN 55344
PHONE 952-937-5150
FAX 952-937-5822
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www.westwoodps.com



Designed:	MPG
Checked:	ADC
Drawn:	MPG
Record Drawing by/date:	
Revisions:	
#	DATE
1	09/04/13
2	10/09/13
3	02/28/14

DESCRIPTION
Owner Comments
Owner Comments/Field Changes
Owner Comments

Prepared for:
minnesota power
AN ALLETE COMPANY
30 West Superior Street
Duluth, Minnesota 55802

**Bison 4 Wind
Project**
Oliver County, North Dakota

Cover

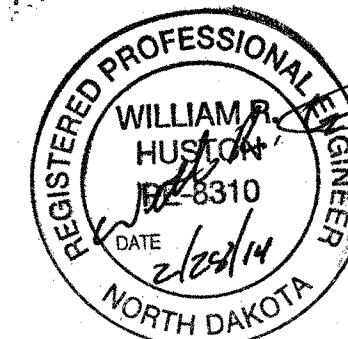
Issued for Construction

Date: 08/09/2013

Sheet: T.01

SHEET LIST TABLE					
SHEET NUMBER	SHEET TITLE	SHEET REV	SHEET NUMBER	SHEET TITLE	SHEET REV
T.01	COVER	3	C.55	ROAD W444 STA. 24+00 TO 48+00	1
T.02	SHEET INDEX	3	C.56	ROAD W444 STA. 48+00 TO 72+00	1
C.01	OVERALL SITE PLAN--WEST	3	C.57	ROAD W444 STA. 72+00 TO 95+88	1
C.02	OVERALL SITE PLAN--EAST	3	C.58	ROAD W454 STA. 0+00 TO 24+00	0
C.03	TURBINE DELIVERY FLOW PLAN--WEST	2	C.59	ROAD W454 STA. 24+00 TO 33+45	0
C.04	TURBINE DELIVERY FLOW PLAN--EAST	3	C.60	ROAD W453 STA. 0+00 TO 9+09	3
C.05	ALLOWED TRAFFIC ROUTE PLAN--WEST	0	C.61	25TH ST SW STA. 0+00 TO 24+00	0
C.06	ALLOWED TRAFFIC ROUTE PLAN--EAST	0	C.62	25TH ST SW STA. 24+00 TO 48+00	0
C.07	CONSTRUCTION DETAILS	0	C.63	25TH ST SW STA. 48+00 TO 74+44	0
C.08	CONSTRUCTION DETAILS	2	C.64	ROAD W455 STA. 0+00 TO 24+00	0
C.09	CONSTRUCTION DETAILS	3	C.65	ROAD W455 STA. 24+00 TO 40+56	0
C.10	CONSTRUCTION DETAILS	1	C.66	ROAD E432 STA. 0+00 TO 9+18	0
C.11	CONSTRUCTION NOTES	2	C.67	ROAD E426 STA. 0+00 TO 24+00	0
C.12	CRANE ROUTING--1	3	C.68	ROAD E426 STA. 24+00 TO 48+00	0
C.13	CRANE ROUTING--2	3	C.69	ROAD E426 STA. 48+00 TO 72+00	0
C.14	CRANE ROUTING--3	0	C.70	ROAD E426 STA. 72+00 TO 96+00	0
C.15	CRANE ROUTING--4	0	C.71	ROAD E426 STA. 96+00 TO 120+00	0
C.16	CRANE ROUTING--5	3	C.72	ROAD E426 STA. 120+00 TO 127+06	0
C.17	CRANE ROUTING--6	0	C.73	ROAD E429 STA. 0+00 TO 6+54	0
C.18	CRANE ROUTING--7	3	C.74	27TH ST SW STA. 0+00 TO 24+00	0
C.19	ROAD W433 STA. 0+00 TO 7+15	0	C.75	27TH ST SW STA. 24+00 TO 48+00	0
C.20	60TH AVE SW STA. 0+00 TO 24+00	1	C.76	27TH ST SW STA. 48+00 TO 72+19	0
C.21	60TH AVE SW STA. 24+00 TO 48+00	1	C.77	ROAD E419 STA. 0+00 TO 25+72	0
C.22	60TH AVE SW STA. 48+00 TO 72+00	0	C.78	ROAD E420 STA. 0+00 TO 6+15	0
C.23	60TH AVE SW STA. 72+00 TO 96+00	0	C.79	50TH AVE SW STA. 0+00 TO 23+00	0
C.24	60TH AVE SW STA. 96+00 TO 105+39	0	C.80	50TH AVE SW STA. 23+00 TO 26+81	0
C.25	ROAD W458 STA. 0+00 TO 23+49	0	C.81	ROAD E421 STA. 0+00 TO 23+00	0
C.26	ROAD W460 STA. 0+00 TO 7+61	0	C.82	ROAD E421 STA. 23+00 TO 30+45	0
C.27	60TH AVE SW & ROADWMET	1	C.83	ROAD E425 STA. 0+00 TO 24+00	0
C.28	ROAD W461 STA. 0+00 TO 7+30	0	C.84	ROAD E425 STA. 24+00 TO 48+00	0
C.29	ROAD W462 STA. 0+00 TO 8+03	0	C.85	ROAD E425 STA. 48+00 TO 67+04	0
C.30	ROAD W464 STA. 0+00 TO 14+39	3	C.86	ROAD E418 STA. 0+00 TO 7+27	3
C.31	ROAD W463 STA. 0+00 TO 9+86	0	C.87	ROAD E417 STA. 0+00 TO 18+32	3
C.32	59TH AVE SW STA. 0+00 TO 24+00	0	C.88	30TH ST SW STA. 0+00 TO 22+53	0
C.33	59TH AVE SW STA. 24+00 TO 48+00	0	C.89	ROAD E416 STA. 0+00 TO 24+00	0
C.34	59TH AVE SW STA. 48+00 TO 72+00	3	C.90	ROAD E416 STA. 24+00 TO 37+09	1
C.35	59TH AVE SW STA. 72+00 TO 96+00	3	C.91	ROAD E408 STA. 0+00 TO 12+91	0
C.36	59TH AVE SW STA. 96+00 TO 106+05	0	C.92	ROAD E409 STA. 0+00 TO 13+14	0
C.37	ROAD W438 STA. 0+00 TO 24+00	0	C.93	ROAD E414 STA. 0+00 TO 24+00	0
C.38	ROAD W438 STA. 24+00 TO 43+59	0	C.94	ROAD E414 STA. 24+00 TO 48+00	0
C.39	ROAD W446 STA. 0+00 TO 5+42	0	C.95	ROAD E414 STA. 48+00 TO 70+52	0
C.40	ROAD W445 STA. 0+00 TO 10+12	3	C.96	ROAD E411 STA. 0+00 TO 6+92	0
C.41	ROAD W452 STA. 0+00 TO 9+82	3	C.97	ROAD E412 STA. 0+00 TO 5+59	0
C.42	ROAD W459 STA. 0+00 TO 22+97	0	C.98	46TH AVE SW STA. 0+00 TO 24+00	2
C.43	ROAD W434 STA. 0+00 TO 8+14	0	C.99	46TH AVE SW STA. 24+00 TO 48+00	2
C.44	30TH ST SW STA. 0+00 TO 24+00	0	C.100	46TH AVE SW STA. 48+00 TO 52+76	2
C.45	30TH ST SW STA. 24+00 TO 41+57	0	C.101	ROAD E401 STA. 0+00 TO 21+10	0
C.46	ROAD W437 STA. 0+00 TO 24+00	0	C.102	28TH ST SW STA. 0+00 TO 24+00	3
C.47	ROAD W437 STA. 24+00 TO 44+30	0	C.103	28TH ST SW STA. 24+00 TO 48+00	3
C.48	ROAD W435 STA. 0+00 TO 19+59	0	C.104	28TH ST SW STA. 48+00 TO 52+46	3
C.49	58TH AVE SW STA. 0+00 TO 22+67	0	C.105	ROAD E403 STA. 0+00 TO 15+43	0
C.50	ROAD W447 STA. 0+00 TO 9+35	0	C.106	ROAD E404 STA. 0+00 TO 7+87	3
C.51	ROAD W450 STA. 0+00 TO 24+00	0	C.107	ROAD E406 STA. 0+00 TO 24+00	3
C.52	ROAD W450 STA. 24+00 TO 40+85	0	C.108	ROAD E406 STA. 24+00 TO 36+37	2
C.53	ROAD W451 STA. 0+00 TO 8+42	1	C.109	ROAD E407 STA. 0+00 TO 16+19	3
C.54	ROAD W444 STA. 0+00 TO 24+00	1			

New TURB_NUM	Old TURB_NUM	HARN/ND, North Dakota State Planes, South Zone, US Foot			UTM Zone 14N		Latitude/Longitude		Proposed Ground Elevation	Proposed Top of Concrete Elevation
		Eastings	Northing	Ground Elevation	WGS84_East	WGS84_Nort	Lat	Long		
401	401 E	1725062.81	490141.14	2288.91	311803.080	5208863.399	47.006518	-101.475796	2286.3	2286.8
402	402 E	1726344.97	490508.96	2314.98	312196.000	5208968.000	47.007570	-101.470767	2305.4	2305.9
403	403 E	1728442.23	490477.03	2292.18	312835.000	5208946.000	47.007553	-101.462268	2287.8	2288.3
404	404 E	1729736.69	491174.03	2320.94	313233.593	5209150.852	47.009508	-101.457114	2308.6	2309.1
405	405 E 1B	1730404.77	492335.74	2243.84	313444.000	5209501.000	47.012715	-101.454493	2243.8	2244.3
406	406 E	1730365.34	494047.75	2235.75	313442.000	5210023.000	47.017407	-101.454734	2233.4	2233.9
407	407 E	1732753.40	490490.88	2253.32	314149.000	5208925.000	47.007735	-101.444989	2252.5	2253.0
408	426 E	1715128.27	506492.36	2325.09	308871.000	5213905.000	47.051002	-101.516462	2323.2	2323.7
409	427 E	1717532.70	506510.27	2303.43	309603.919	5213896.375	47.051136	-101.506818	2293.0	2293.5
410	428 E	1717753.14	508029.15	2321.06	309680.000	5214358.000	47.055308	-101.506012	2319.5	2320.0
411	429 E	1718533.95	509058.02	2325.46	309924.000	5214667.000	47.058156	-101.502932	2324.4	2324.9
412	430 E	1718158.85	510819.33	2349.03	309820.000	5215206.000	47.062972	-101.504527	2346.4	2346.9
413	431 E	1719138.92	511894.69	2337.10	310125.000	5215528.000	47.065955	-101.500650	2333.8	2334.3
414	432 E	1720333.50	512393.42	2343.46	310492.000	5215673.000	47.067364	-101.495882	2337.6	2338.1
415	425 E	1697941.47	482781.58	2303.19	303494.000	5206779.000	46.985366	-101.584090	2297.9	2298.4
416	424 E	1698823.90	483815.62	2330.75	303769.000	5207089.000	46.988234	-101.580611	2326.1	2326.6
417	423 E	1698846.11	485735.43	2317.03	303787.000	5207674.000	46.993498	-101.580628	2315.7	2316.2
418	422 E	1699445.36	487164.33	2283.95	303978.000	5208106.000	46.997438	-101.579306	2284.7	2285.2
419	421 E	1698414.10	490464.90	2300.18	303683.000	5209118.000	47.006449	-101.582620	2288.4	2288.9
420	420 E	1698878.42	491096.72	2300.60	304133.000	5209302.000	47.008236	-101.576786	2291.1	2291.6
421	419 E	1703948.39	490505.54	2411.04	305370.000	5209098.000	47.006767	-101.560441	2398.2	2398.7
422	418 E	1704621.80	491830.88	2317.79	305583.000	5209498.000	47.010425	-101.557814	2315.5	2316.0
423	417 E	1705032.57	492993.69	2323.71	305715.000	5209850.000	47.013629	-101.556230	2314.4	2314.9
424	416 E	1706175.15	495515.79	2283.94	306078.000	5210612.000	47.020585	-101.551786	2277.7	2278.2
425	415 E	1707417.91	496238.52	2278.72	306461.000	5210825.000	47.022612	-101.546842	2271.7	2272.2
426	411 E	1692664.58	497874.50	2378.48	301974.000	5211410.000	47.026543	-101.606082	2373.8	2374.3
427	410 E	1693926.18	499493.30	2379.45	302368.000	5211896.000	47.031030	-101.601115	2374.9	2375.4
428	409 E	1694922.49	500746.10	2367.59	302679.000	5212272.000	47.034503	-101.597190	2365.4	2365.9
429	408 E	1696670.37	500792.81	2317.15	303212.000	5212276.000	47.034698	-101.590184	2302.3	2302.8
430	412 E	1697514.24	502124.70	2316.12	303477.000	5212677.000	47.038381	-101.586874	2316.1	2316.6
431	413 E	1699466.15	502594.02	2317.80	304074.660	5212808.607	47.039742	-101.579072	2317.2	2317.7
432	414 E	1700029.36	503734.80	2280.37	304253.000	5213153.000	47.042890	-101.576876	2276.0	2276.5
433	433 E	1654585.60	482556.45	2326.44	290278.000	5206964.000	46.982977	-101.757768	2316.7	2317.2
434	435 E	1658984.21	484738.48	2370.89	291631.485	5207603.357	46.989151	-101.740285	2368.2	2368.7
435	437 E	1661874.28	484940.48	2356.63	292513.569	5207648.017	46.989829	-101.728719	2353.2	2353.7
436	438 E	1663779.75	484707.98	2363.30	293093.000	5207566.000	46.989273	-101.721070	2359.1	2359.6
437	439 E	1664371.82	485824.99	2330.74	293280.000	5207903.000	46.992360	-101.718767	2328.8	2329.3
438	443 E	1662555.75	489879.27	2318.84	292750.188	5209149.380	47.003398	-101.726297	2313.6	2314.1
439	449 E	1670023.41	497678.98	2381.42	295072.000	5211483.000	47.025097	-101.696846	2378.1	2378.6
440	450 E	1671387.19	498587.74	2357.24	295493.000	5211752.000	47.027645	-101.691434	2350.1	2350.6
441	451 E	1672045.54	500181.77	2346.27	295703.000	5212234.000	47.032043	-101.688891	2341.3	2341.8
442	452 E	1673452.65	500714.07	2372.04	296135.000	5212388.000	47.033561	-101.683281	2369.1	2369.6
443	453 E	1674502.87	502016.74	2343.32	296462.735	5212778.896	47.037175	-101.679148	2341.9	2342.4
444	454 E	1674984.62	503347.90	2345.22	296617.367	5213181.804	47.040844	-101.677296	2343.8	2344.3
445	441 1A	1659206.40	488973.81	2362.46	291724.000	5208893.000	47.000772	-101.739663	2354.8	2355.3
446	442 E	1660594.52	490152.03	2344.63	292154.000	5209244.000	47.004062	-101.734174	2338.6	2339.1
447	444 E	1662814.89	493606.74	2330.01	292851.000	5210284.000	47.013628	-101.725492	2327.0	2327.5
448	445 E	1663941.21	494579.82	2344.97	293200.000	5210574.000	47.016344	-101.721038	2339.4	2339.9
449	446 E	1665910.30	495297.26	2378.16	293804.380	5210781.146	47.018395	-101.713189	2369.4	2369.9
450	447 1B	1666236.60	496520.25	2380.13	293911.000	5211152.000	47.021761	-101.711957	2368.1	2368.6
451	448 E	1668347.82	497289.16	2413.55	294559.000	5211374.000	47.023958	-101.703540	2407.1	2407.6
452	436 1A	1657635.97	488405.60	2351.34	291242.000	5208729.000	46.999146	-101.745920	2350.9	2351.4
453	455 E	1659384.22	504816.98	2266.82	291871.000	5213721.000	47.044214	-101.739953	2261.5	2262.0
454	456 E	1661229.07	505105.08	2295.01	292435.000	5213798.000	47.045083	-101.732572	2292.2	2292.7
455	457 E	1664793.45	505203.15	2316.67	293522.000	5213807.000	47.045505	-101.718282	2310.2	2310.7
456	458 E	1665021.20	506838.11	2322.27	293601.000	5214304.000	47.049997	-101.717470	2301.2	2301.7
457	459 E	1665786.93	507965.04	2283.99	293841.000	5214643.000	47.053119	-101.714469	2274.4	2274.9
458	440 E	1654922.58	486877.14	2331.22	290406.000	5208279.000	46.994837	-101.756695	2328.7	2329.2
459	474 A	1665139.76	487389.35	2349.38	290780.000	5208428.000	46.996294	-101.751851	2338.4	2338.9
460	461 E	1653702.00	491154.80	2328.40	290059.000	5209590.000	47.006511	-101.761861	2326.3	2326.8
461	462 E	1655108.95	491864.23	2346.17	290492.000	5209798.000	47.008817	-101.756268	2344.7	2345.2
462	463 E	1655813.70	493051.66	2399.22	290714.000	5210168.000	47.011913	-101.753522	2392.8	2393.3
463	464 E	1657281.51	493536.52	2345.74	291164.000	5210295.000	47.013197	-101.747667	2343.2	2343.7
464	460 E	1657103.95	495947.78	2318.67	291124.000	5211031.000	47.019800	-101.748532	2314.0	2314.5



Designed: MPG
Checked: ADC
Drawn: MPG
Record Drawing by/date:

Revisions:	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

Prepared for:



LEGEND:

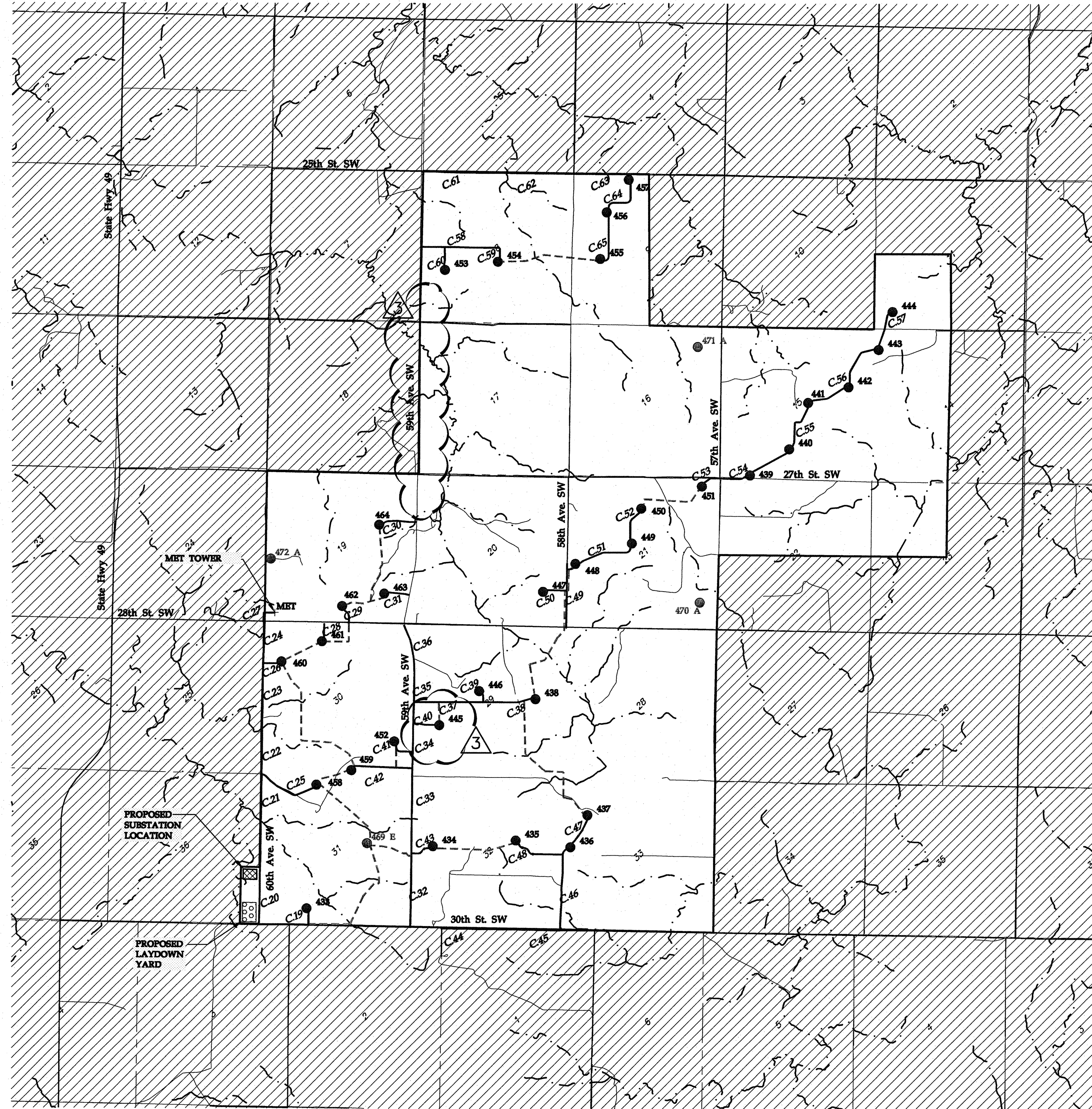
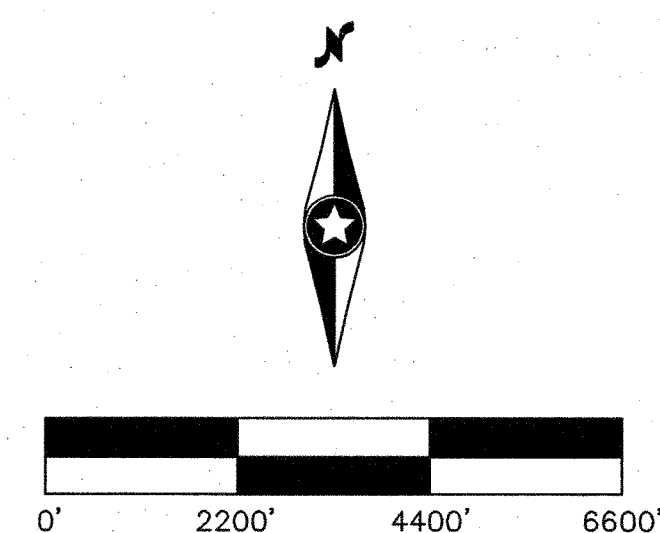
- PROPOSED TURBINE LOCATION
- PROPOSED ALTERNATE TURBINE LOCATION
- D46 PROPOSED TURBINE NUMBER
- PROPOSED ACCESS ROADS
- C50 PROPOSED ACCESS ROAD REFERENCE NUMBER
- COUNTY ROAD/SECTION LINE ROAD IMPROVEMENT
- C30 COUNTY ROAD/SECTION LINE ROAD IMPROVEMENT REFERENCE NUMBER
- EXISTING ROADS
- - - CRANE PATH
- ▨ OUTSIDE OF PROJECT BOUNDARY

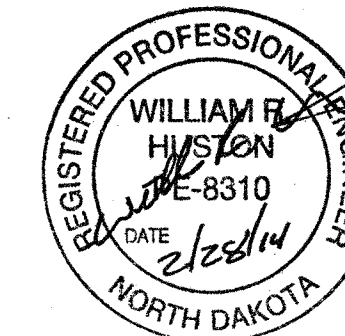
Bison 4 Wind Project
Oliver County, North Dakota

Overall Site Plan-West

Issued for Construction

Date: 08/09/2013
Sheet: C.01





Designed: _____ MPG
Checked: _____ ADC
Drawn: _____ MPG

Record Drawing by/date: _____

Revisions	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
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Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

- PROPOSED TURBINE LOCATION
- PROPOSED ALTERNATE TURBINE LOCATION
- D46 PROPOSED TURBINE NUMBER
- PROPOSED ACCESS ROADS
- C105 PROPOSED ACCESS ROAD REFERENCE NUMBER
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- C30 COUNTY ROAD/SECTION LINE ROAD IMPROVEMENT REFERENCE NUMBER
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- ▨ OUTSIDE OF PROJECT BOUNDARY

Bison 4 Wind Project

Oliver County, North Dakota

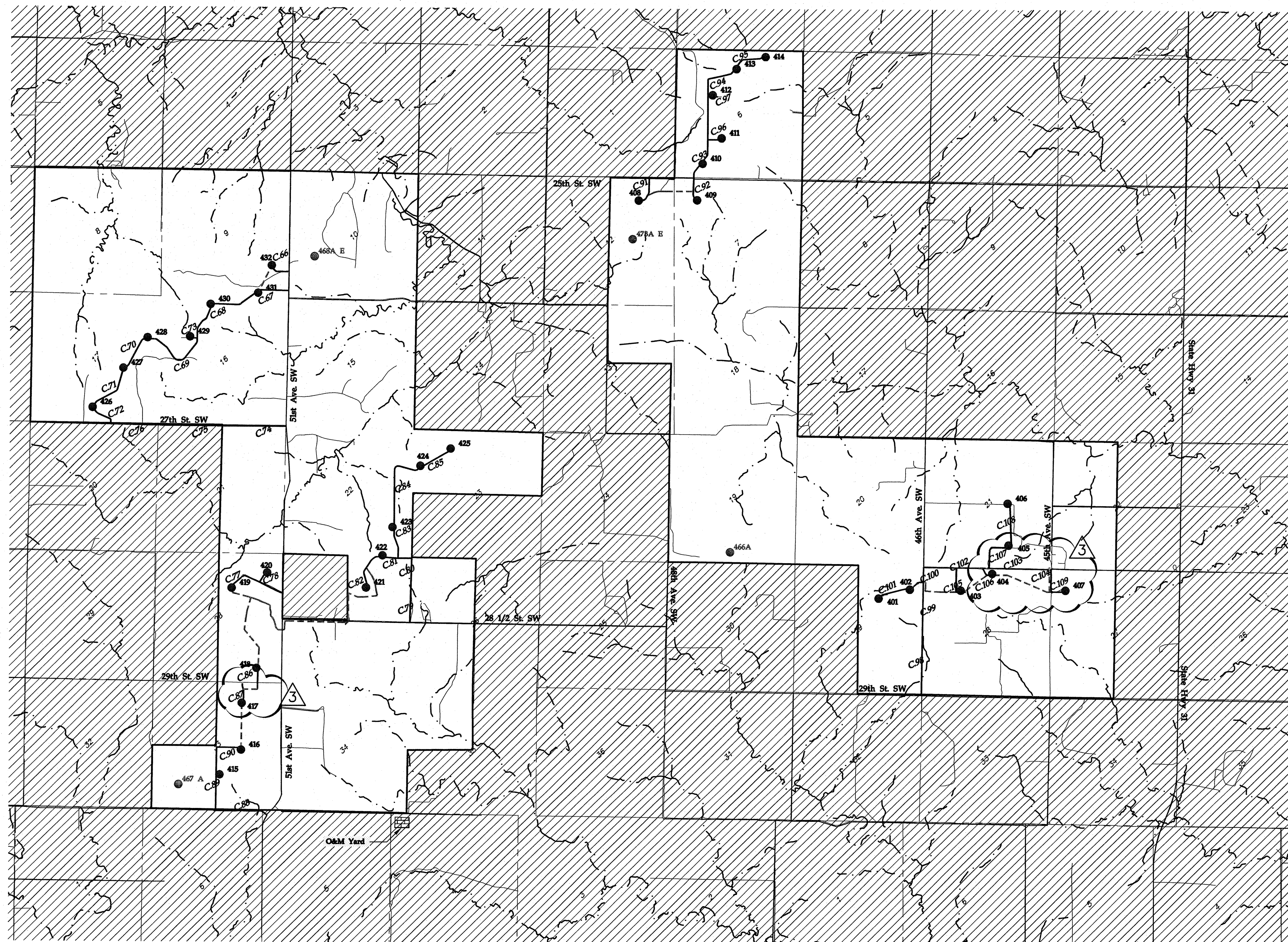
Overall Site Plan-East

Issued for Construction

Date: 08/09/2013

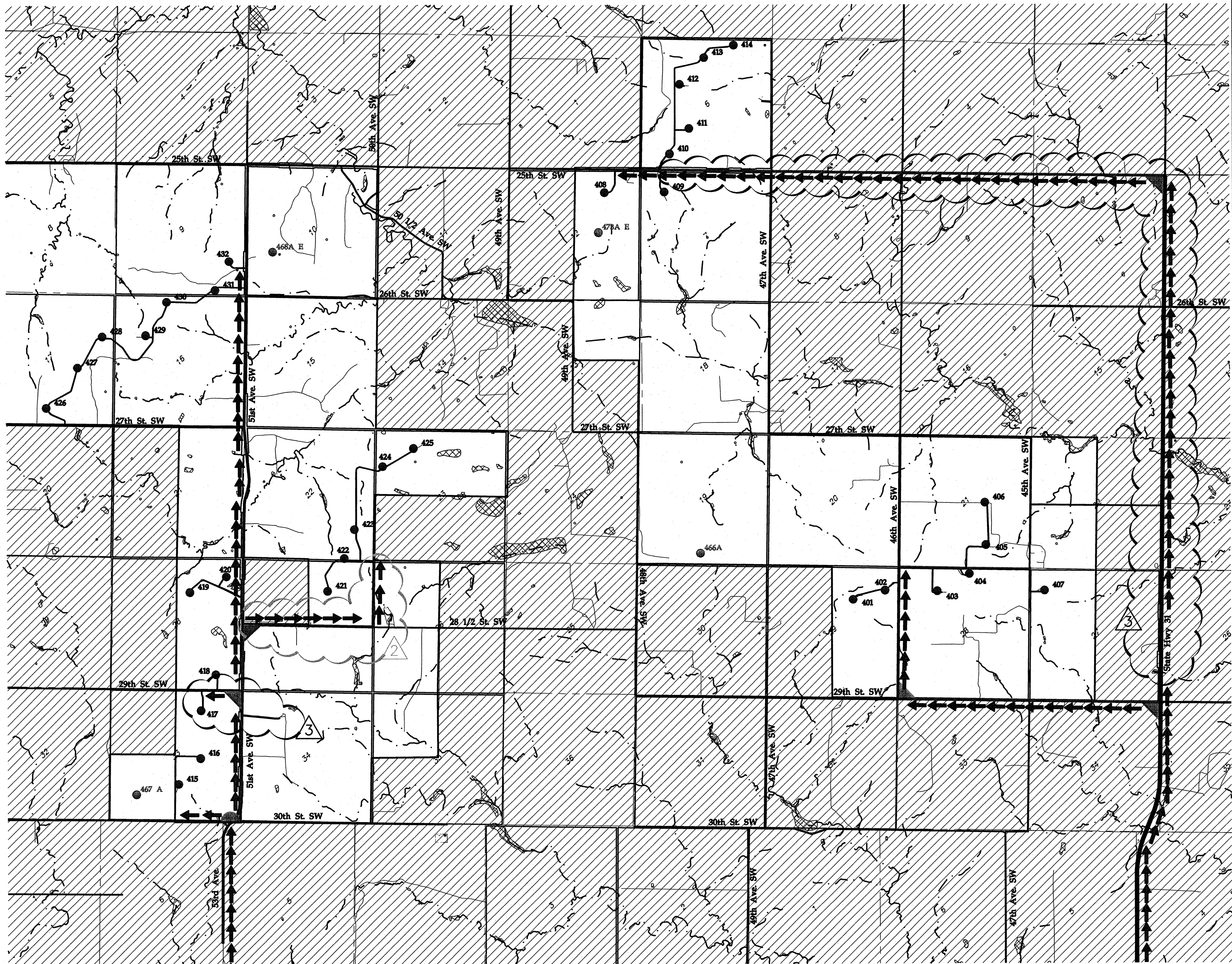
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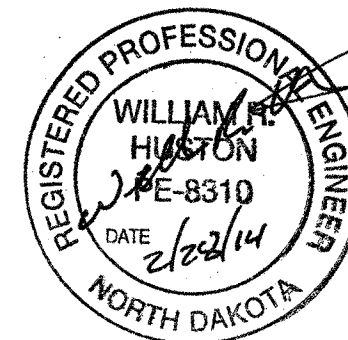


Legend:

KEY	TYPE
	BITUMINOUS DELIVERY ROUTE
	GRAVEL DELIVERY ROUTE
	EX. ROAD NOT USED FOR DELIVERIES
	PROPOSED ACCESS ROADS
	APPROXIMATE WETLANDS (SOURCE - NWI)
	EXISTING STREAM
	PROPOSED TURBINE LOCATION
	PROPOSED ALTERNATE TURBINE LOCATION
	PROPOSED TURBINE NUMBER
	EXISTING INTERSECTION IMPROVEMENT
	PROPOSED TURNAROUND
	OUT OF PROJECT BOUNDARY
	DELIVERY FLOW DIRECTION - TURBINES



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7559 Anagram Drive
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PHONE 952-937-5150
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www.westwoodps.com



Designed:	MPG
Checked:	ADC
Drawn:	MPG
<u>Record Drawing by/date:</u>	
Revisions:	
#	DATE DESCRIPTION
1	09/04/13 Owner Comments
2	10/09/13 Owner Comments/Field Changes
3	02/28/14 Owner Comments

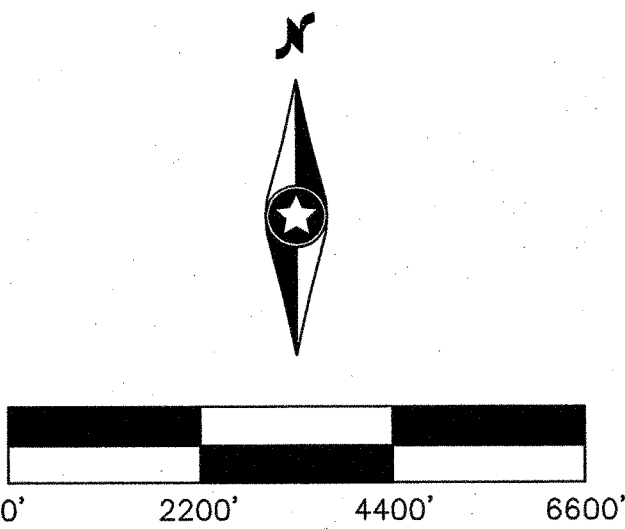
Prepared for:
minnesota power
AN ALLETE COMPANY
30 West Superior Street
Duluth, Minnesota 55802

Bison 4 Wind Project
Oliver County, North Dakota

Turbine Delivery Flow
Plan-East

Issued for Construction

Date: 08/09/2013
Sheet: C.04



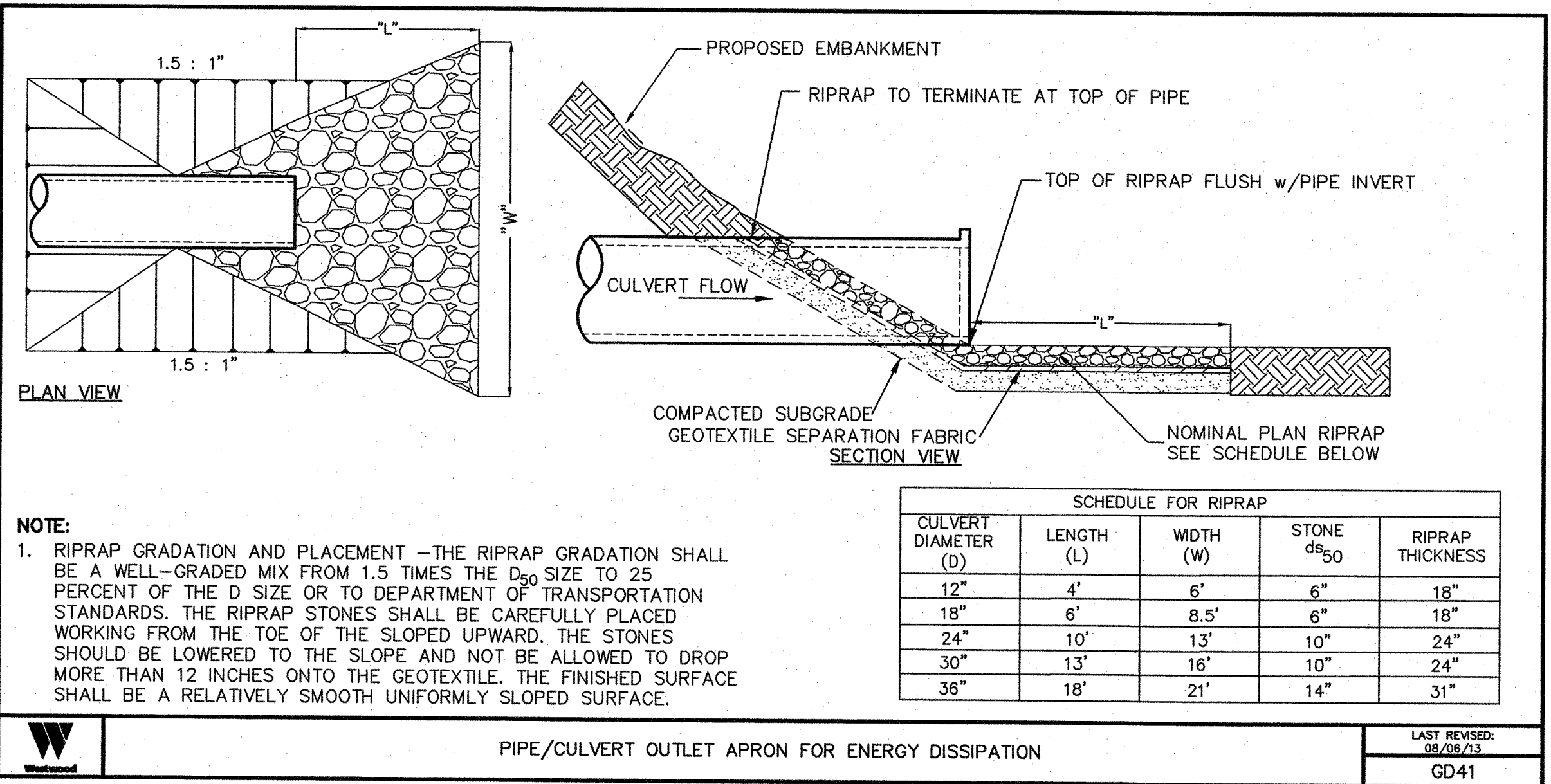
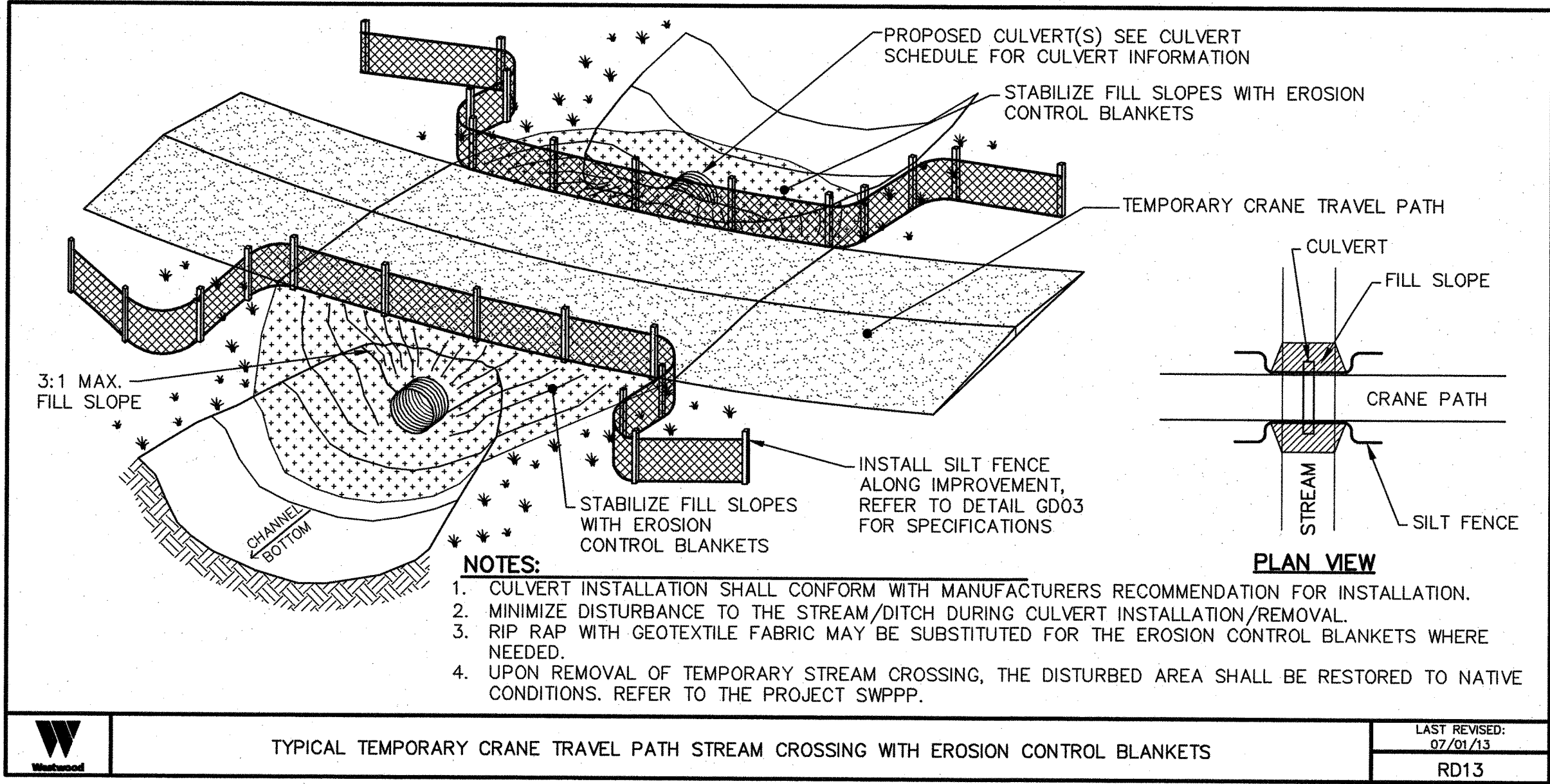
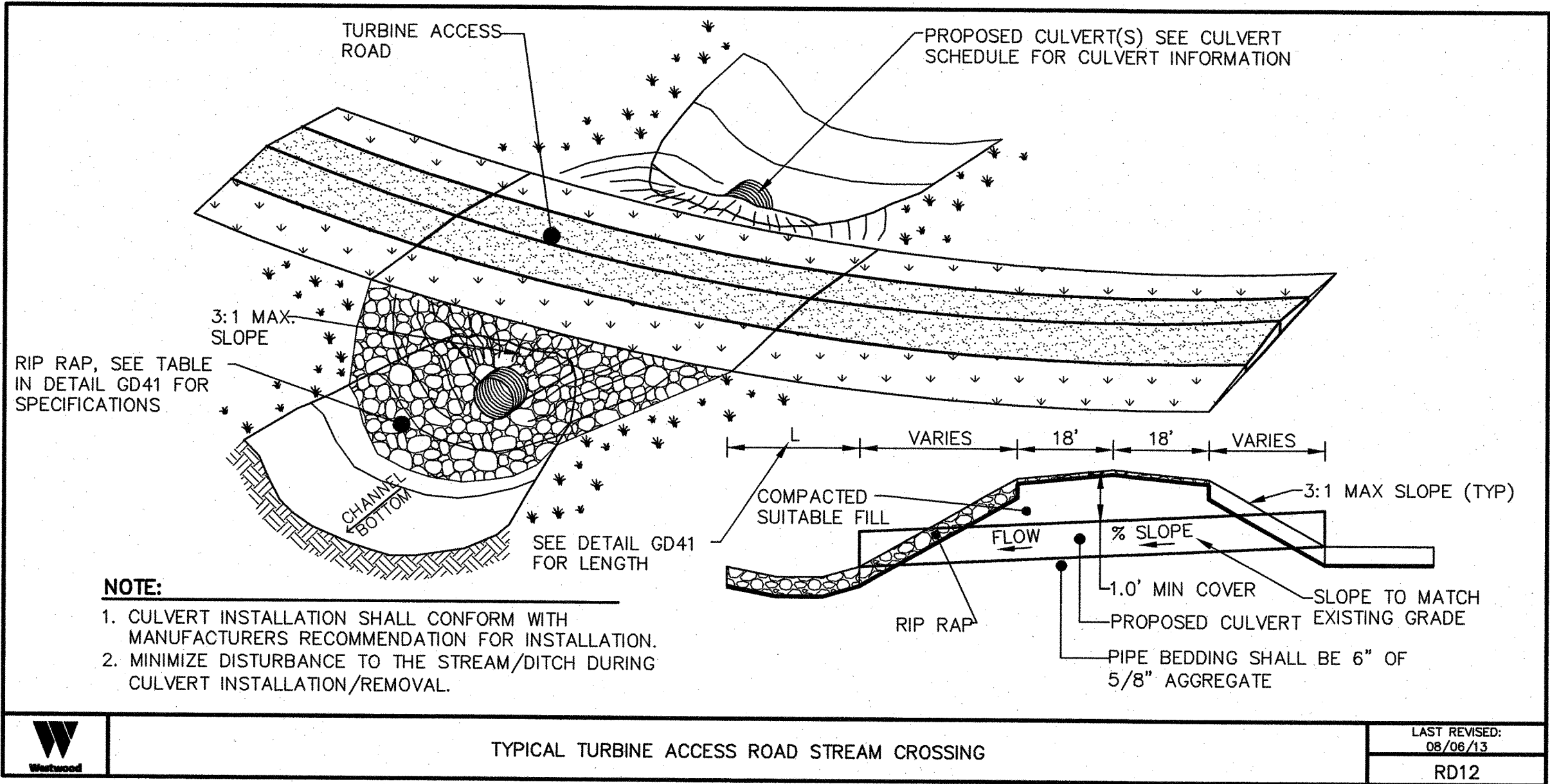


Designed: MPG
Checked: ADC
Drawn: MPG

Record Drawing by/date:

Revisions	DATE	DESCRIPTION
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Prepared for:
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AN ALLETE COMPANY
30 West Superior Street
Duluth, Minnesota 55802



Proposed Culvert Schedule									
Culvert ID	Station	Quantity (ea)	Size (in)	Permanent Length (ft)	Culvert ID	Station	Quantity (ea)	Size (in)	Permanent Length (ft)
C433-1	1+50	1	24	60	C426-2	22+95	1	24	65
C461-1	0+10	1	18	220	C426-3	45+50	1	18	65
C464-1	0+40	2	36	175	C27-1	26+20	1	24	45
C464-2	11+00	1	18	135	C27-2	40+00	1	18	55
C463-1	0+50	1	18	145	C27-3	51+10	1	18	50
C59-1	25+60	1	24	105	C27-4	67+70	2	24	55
C438-1	30+30	3	30	75	C50-1	0+25	1	12	45
C437-1	0+10	1	18	130	C50-2	9+05	2	18	40
C437-2	7+20	3	30	45	C50-3	14+00	3	18	55
C437-3	21+95	1	24	40	C421-1	2+00	1	18	55
C435-1	5+60	1	12	60	C421-2	16+55	1	18	140
C447-1	0+30	1	18	200	C421-3	26+15	1	24	180
C450-1	8+50	1	18	65	C425-1	33+05	2	36	100
C451-1	2+15	1	18	55	C408-1	0+40	1	18	175
C444-1	6+60	1	18	65	C409-1	0+30	1	18	220
C444-2	19+90	1	18	85	C409-2	6+60	1	24	55
C444-3	24+30	1	12	70	C414-1	0+40	1	18	225
C444-4	33+10	1	18	75	C414-2	10+60	2	24	65
C444-5	58+50	1	12	150	C414-3	26+50	3	30	75
C444-6	63+60	1	18	85	C414-4	40+90	1	24	70
C454-1	18+20	1	18	70	C414-5	44+15	1	24	65
C454-2	25+20	2	24	70	C414-6	62+25	1	24	60
C453-1	1+60	1	24	80	C411-1	0+90	1	18	210
C25-1	29+90	4	36	55	C28-1	40+10	2	24	60
C25-2	63+60	2	30	50	C28-2	50+50	1	18	45
C455-1	13+55	1	24	65	C406-1	7+65	1	18	65
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C426-1	18+65	1	18	55					

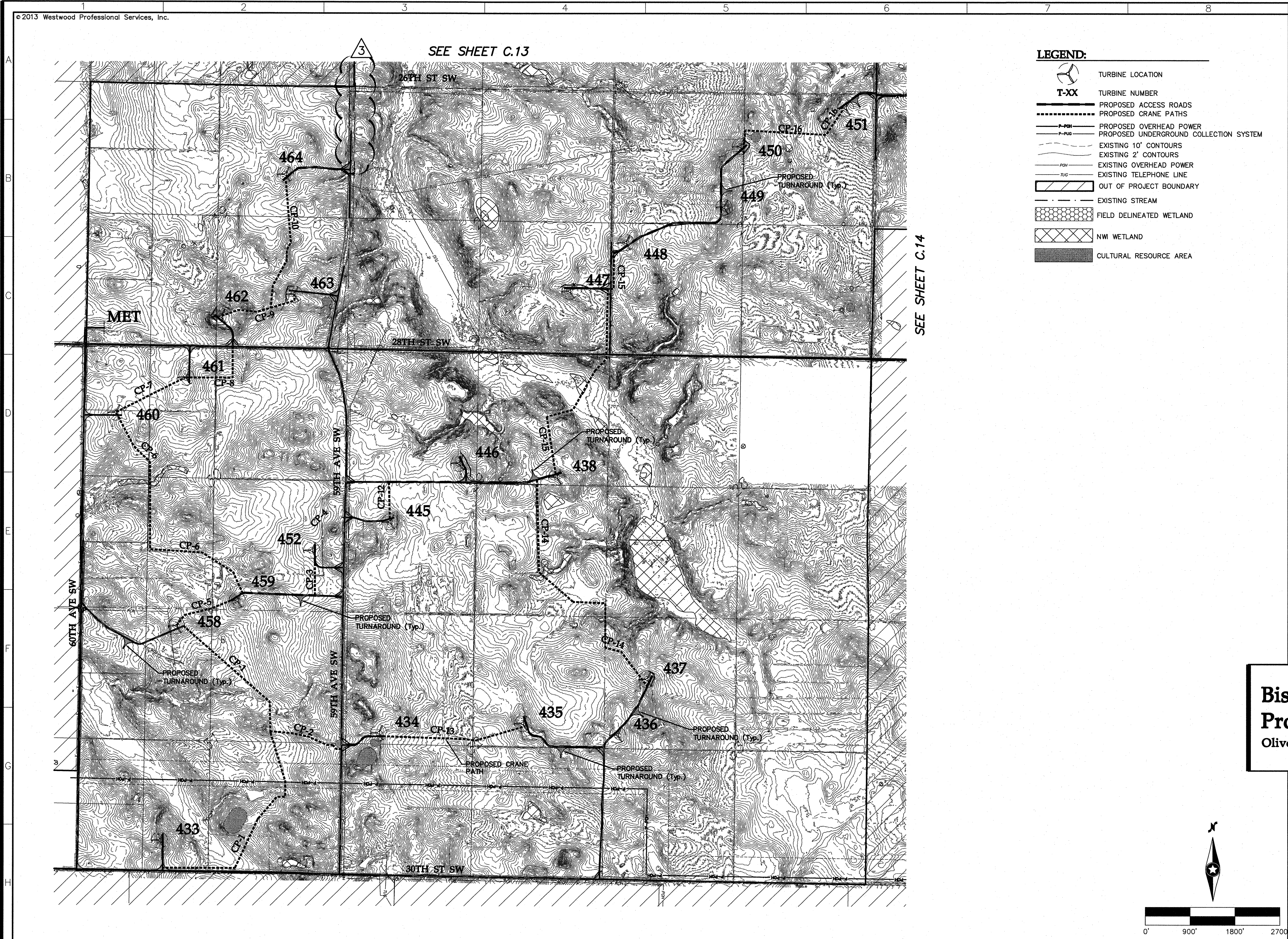
Bison 4 Wind Project

Oliver County, North Dakota

Construction Details

Issued for Construction

Date: 08/09/2013
Sheet: C.09



LEGEND:

- T-XX TURBINE LOCATION
- TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED CRANE PATHS
- P-PH PROPOSED OVERHEAD POWER
- P-PUG PROPOSED UNDERGROUND COLLECTION SYSTEM
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- PHH EXISTING OVERHEAD POWER
- TUG EXISTING TELEPHONE LINE
- OUT OF PROJECT BOUNDARY
- EXISTING STREAM
- FIELD DELINEATED WETLAND
- NWI WETLAND
- CULTURAL RESOURCE AREA

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REGISTERED PROFESSIONAL ENGINEER
WILLIAM R. HUSTON
STATE OF MINNESOTA
LICENSE NO. 8310
DATE 2/22/14
NORTH DAKOTA

Designed:	MPG
Checked:	ADC
Drawn:	MPG
<u>Record Drawing by/date:</u>	
Revisions:	
#	DATE
1	09/04/13
	Owner Comments
2	10/09/13
	Owner Comments/Field Changes
3	02/28/14
	Owner Comments

Prepared for:

minnesota power
AN ALLETE COMPANY

30 West Superior Street
Duluth, Minnesota 55802

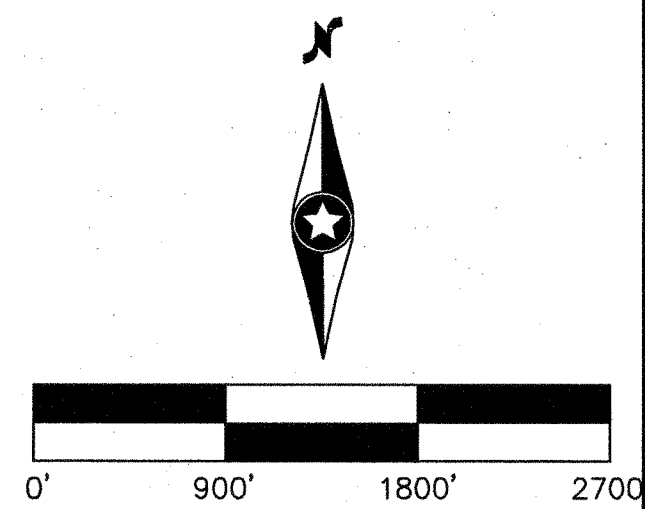
Bison 4 Wind Project

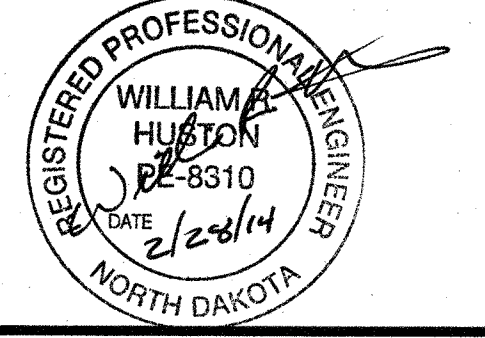
Oliver County, North Dakota

Crane Routing-1

Issued for Construction

Date: 08/09/2013
Sheet: C.12





Designed:	MPG
Checked:	ADC
Drawn:	MPG
Record Drawing by/date	
Revisions:	
#	DATE
1	09/04/13
2	10/09/13
3	02/28/14

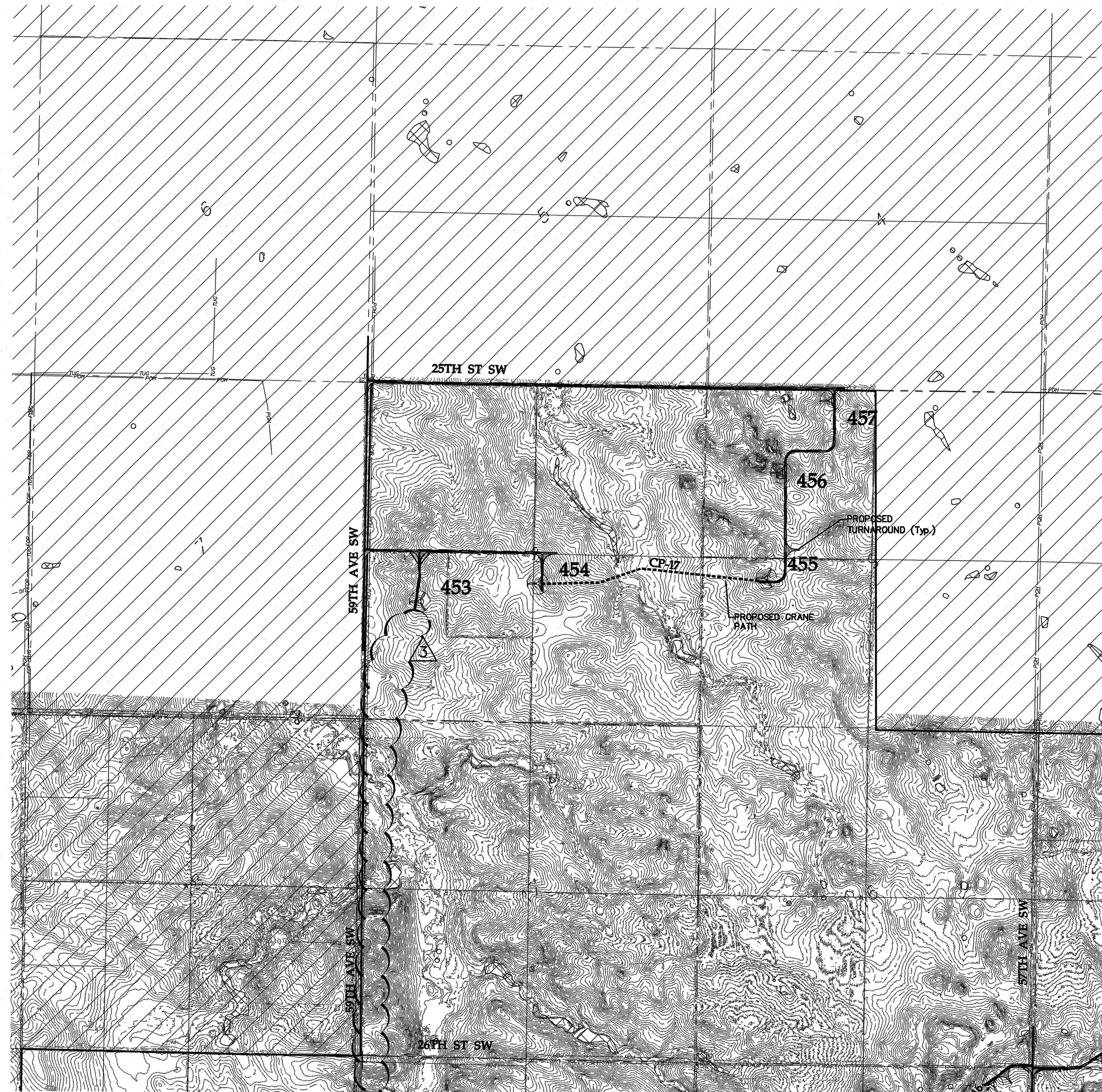
DESCRIPTION
Owner Comments
Owner Comments/Field Changes
Owner Comments

Prepared for:

 AN ALLETE COMPANY
 30 West Superior Street
 Duluth, Minnesota 55802

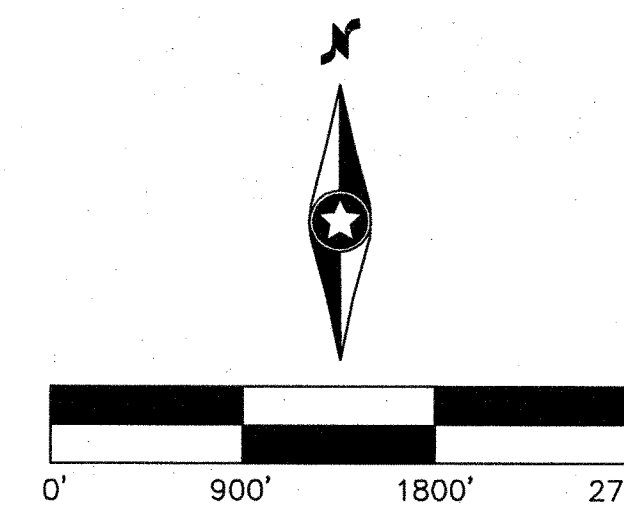
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- TURBINE LOCATION
- T-XX** TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED CRANE PATHS
- PROPOSED OVERHEAD POWER
- PROPOSED UNDERGROUND COLLECTION SYSTEM
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING OVERHEAD POWER
- EXISTING TELEPHONE LINE
- OUT OF PROJECT BOUNDARY
- EXISTING STREAM
- FIELD DELINEATED WETLAND
- NWI WETLAND
- CULTURAL RESOURCE AREA



SEE SHEET C.14

SEE SHEET C.12



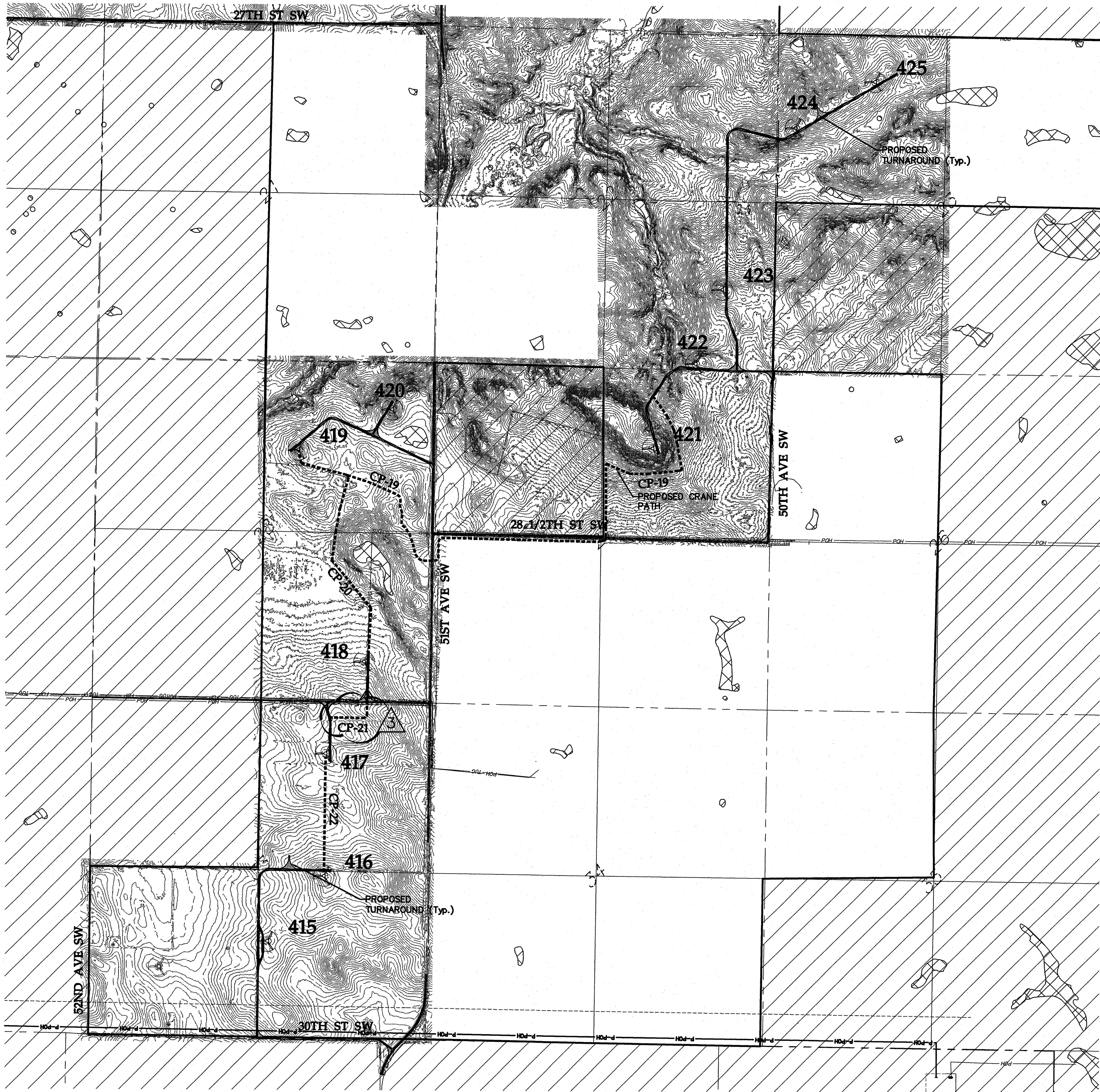
Bison 4 Wind Project Oliver County, North Dakota

Crane Routing-2

Issued for Construction

Date: 08/09/2013
 Sheet: C.13

SEE SHEET C.15

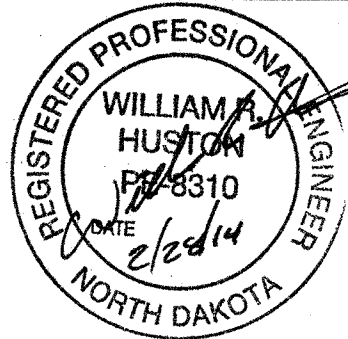


LEGEND:

- TURBINE LOCATION
- T-XX TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED CRANE PATHS
- P-POL PROPOSED OVERHEAD POWER
- P-PUG PROPOSED UNDERGROUND COLLECTION SYSTEM
- EXISTING 10' CONTOURS
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Designed: MPG
Checked: ADC
Drawn: MPG

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Revisions:	DATE	DESCRIPTION
1	09/04/13	Owner Comments
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Prepared for:



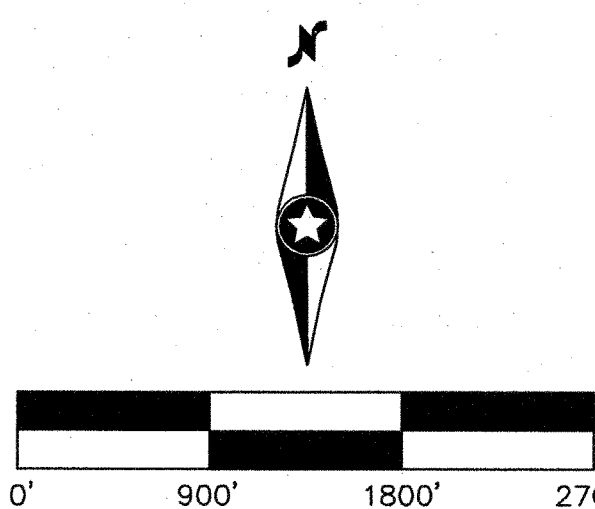
30 West Superior Street
Duluth, Minnesota 55802

Bison 4 Wind
Project
Oliver County, North Dakota

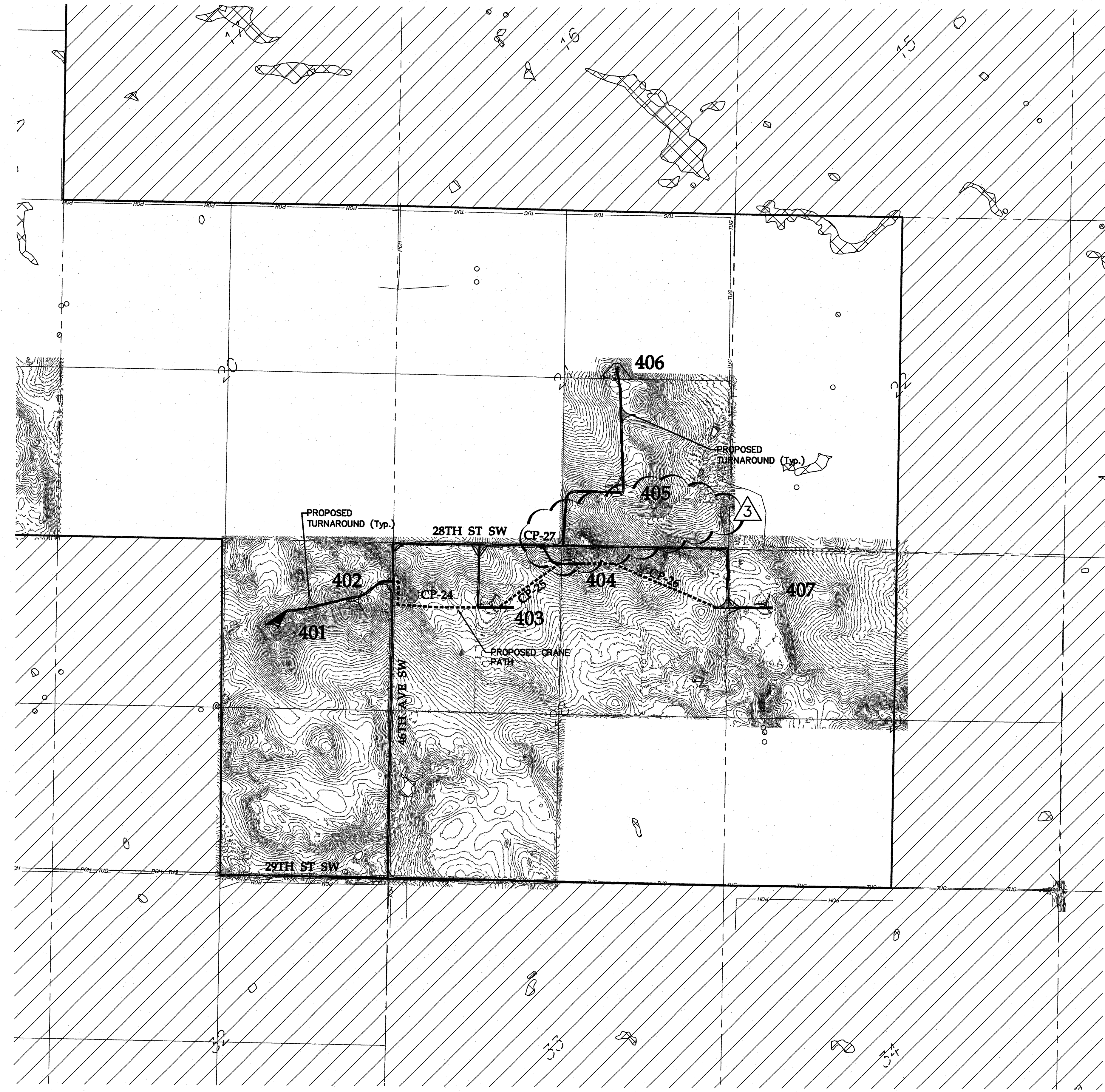
Crane Routing-5

Issued for Construction

Date: 08/09/2013
Sheet: C.16



SEE SHEET C.17



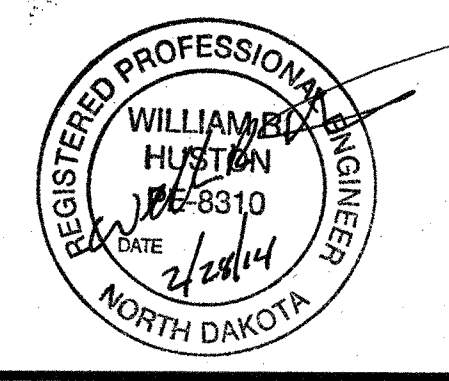
LEGEND:

- TURBINE LOCATION
- T-XX** TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED CRANE PATHS
- PROPOSED OVERHEAD POWER
- PROPOSED UNDERGROUND COLLECTION SYSTEM
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING OVERHEAD POWER
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Designed:	MPG
Checked:	ADC
Drawn:	MPG
Record Drawing by/date:	
Revisions:	DESCRIPTION
1 08/04/13	Owner Comments
2 10/09/13	Owner Comments/Field Changes
3 02/28/14	Owner Comments

Prepared for:

minnesota power
AN ALLETE COMPANY

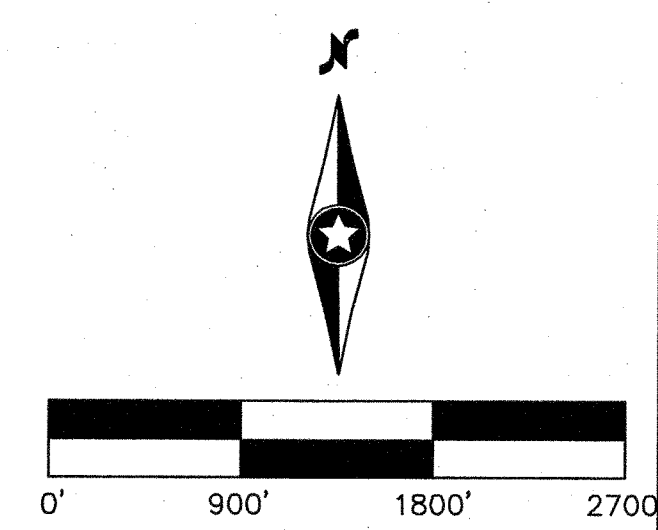
30 West Superior Street
Duluth, Minnesota 55802

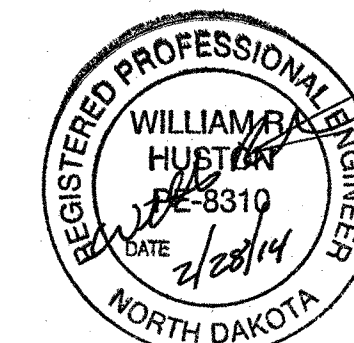
Bison 4 Wind Project
Oliver County, North Dakota

Crane Routing-7

Issued for Construction

Date: 08/09/2013
Sheet: C.18





Designed: MFG
Checked: ADC
Drawn: MFG

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2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

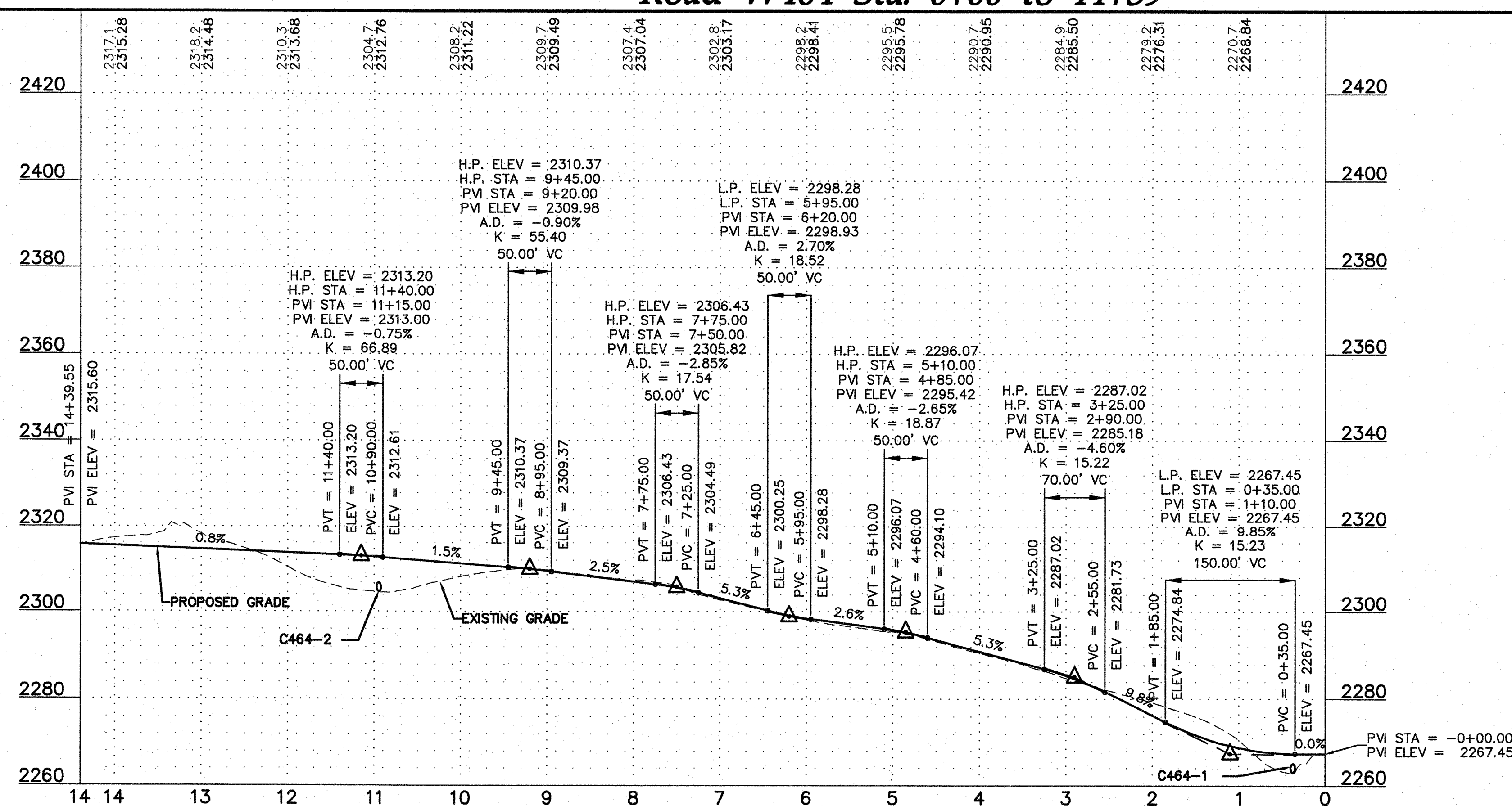
Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED 10' CONTOURS
- PROPOSED 2' CONTOURS
- PROPOSED OVERHEAD
- POWER
- PROPOSED OVERHEAD
- RIGHT OF WAY
- PROPOSED UNDERGROUND
- ELECTRICAL COLLECTION
- PROPOSED CRANE PATH
- PROPOSED CULVERT
- PROPOSED FENCE
- CROSSING/GATE
- GATE ID
- PROPOSED FENCE
- CONSTRUCTION EASEMENT
- WIND PROJECT EASEMENT
- TURBINE GRAVEL AREA
- TURBINE LAYDOWN AREA
- TURBINE PAD AREA
- EXISTING GRAVEL SURFACE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING OVERHEAD POWER
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WATER BODY

Road W464 Sta. 0+00 to 14+39

Bison 4 Wind Project

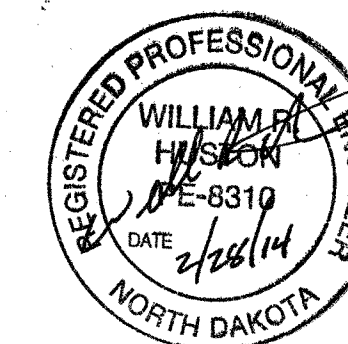
Oliver County, North Dakota

Road W464 Sta. 0+00
to 14+39

Issued for Construction

Date: 08/09/2013

Sheet: C.30



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Drawn: **MPG**

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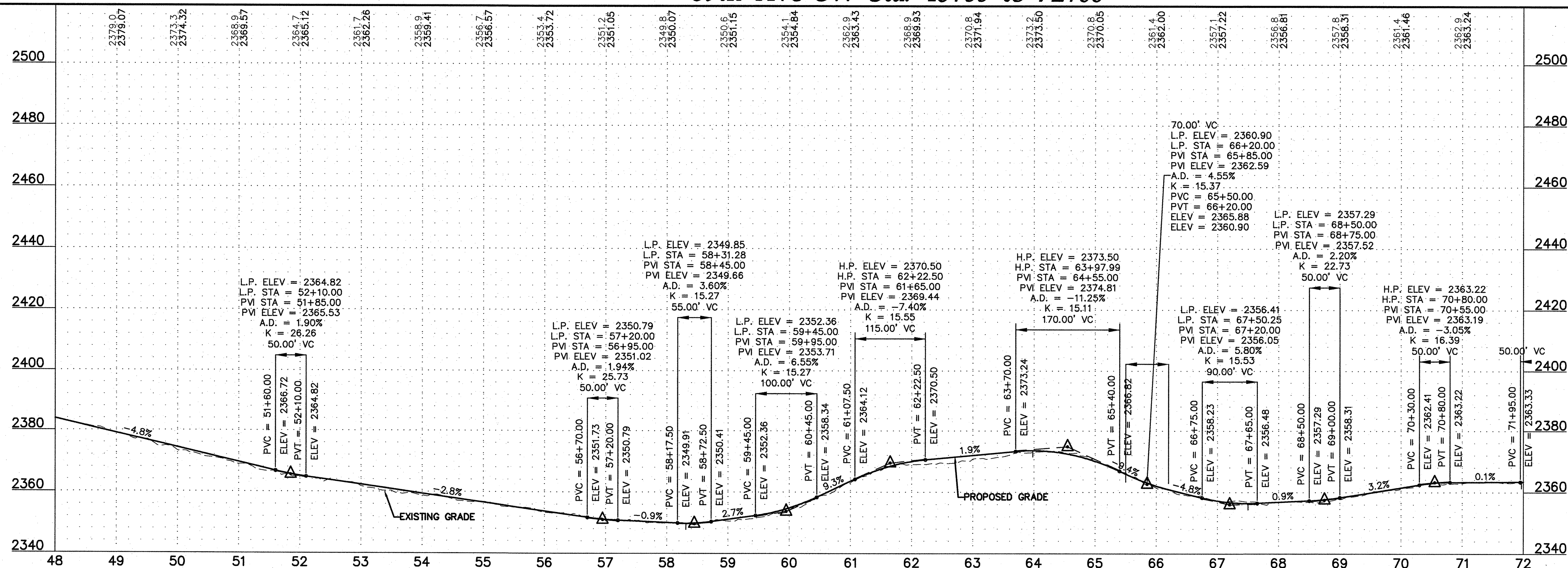
Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED 10' CONTOURS
- PROPOSED 2' CONTOURS
- PROPOSED OVERHEAD
- POWER
- PROPOSED OVERHEAD
- RIGHT OF WAY
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- EXISTING STREAM
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- EXISTING WATER BODY

59th Ave SW Sta. 48+00 to 72+00

Bison 4 Wind Project

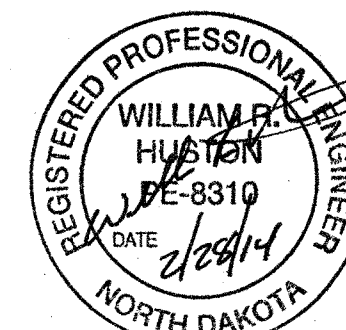
Oliver County, North Dakota

59th Ave SW Sta.
48+00 to 72+00

Issued for Construction

Date: 08/09/2013

Sheet: C.34



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Checked: ADC
Drawn: MPG

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Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

	TURBINE LOCATION
	TURBINE NUMBER
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	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD
	POWER
	PROPOSED OVERHEAD
	RIGHT OF WAY
	PROPOSED UNDERGROUND ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	GATE ID
	PROPOSED FENCE
	CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY

Bison 4 Wind Project

Oliver County, North Dakota

59th Ave SW Sta. 72+00 to 96+00

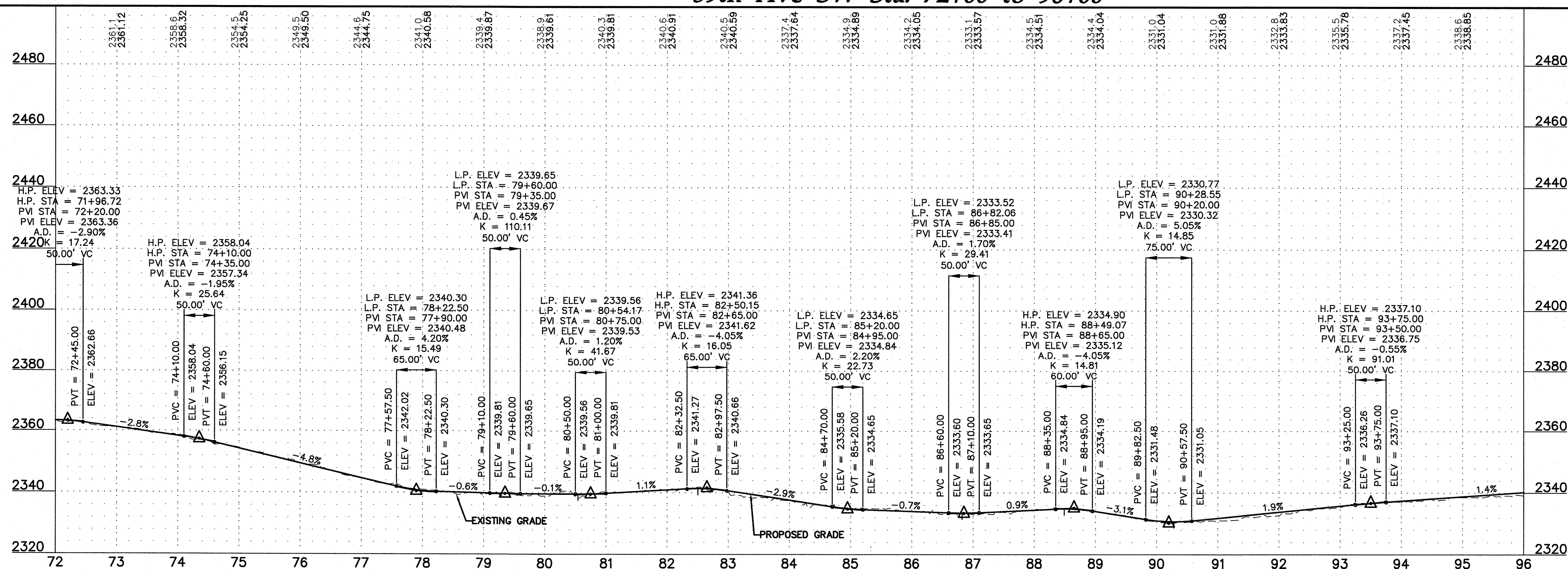
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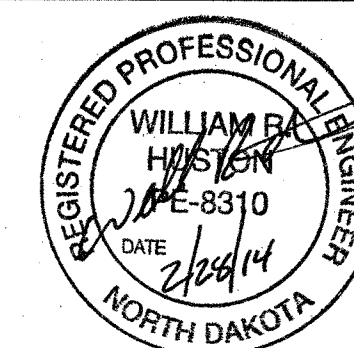
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59th Ave SW Sta. 72+00 to 96+00





Designed: MPG
Checked: ADC
Drawn: MPG
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30 West Superior Street
Duluth, Minnesota 55802

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- PROPOSED OVERHEAD POWER
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- EXISTING OVERHEAD POWER
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WATER BODY

Bison 4 Wind Project

Oliver County, North Dakota

Road W445 Sta. 0+00
to 10+12

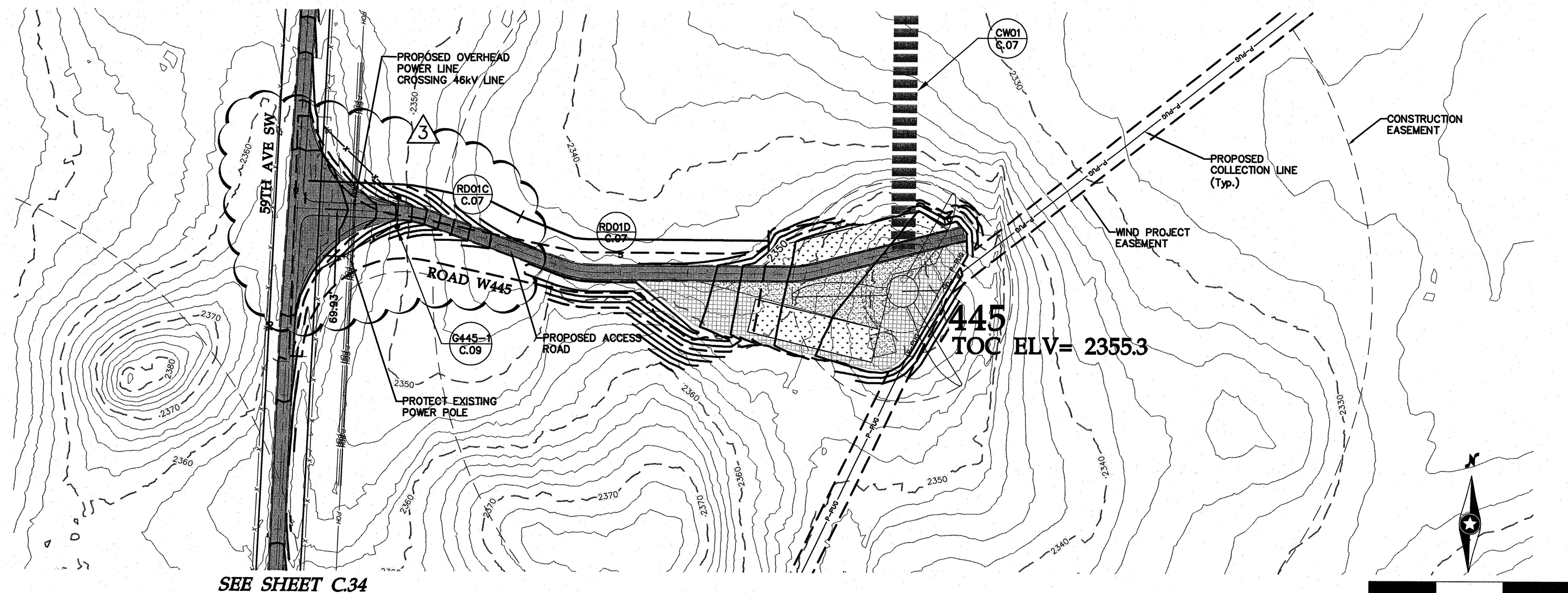
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Date: 08/09/2013

Sheet: C.40

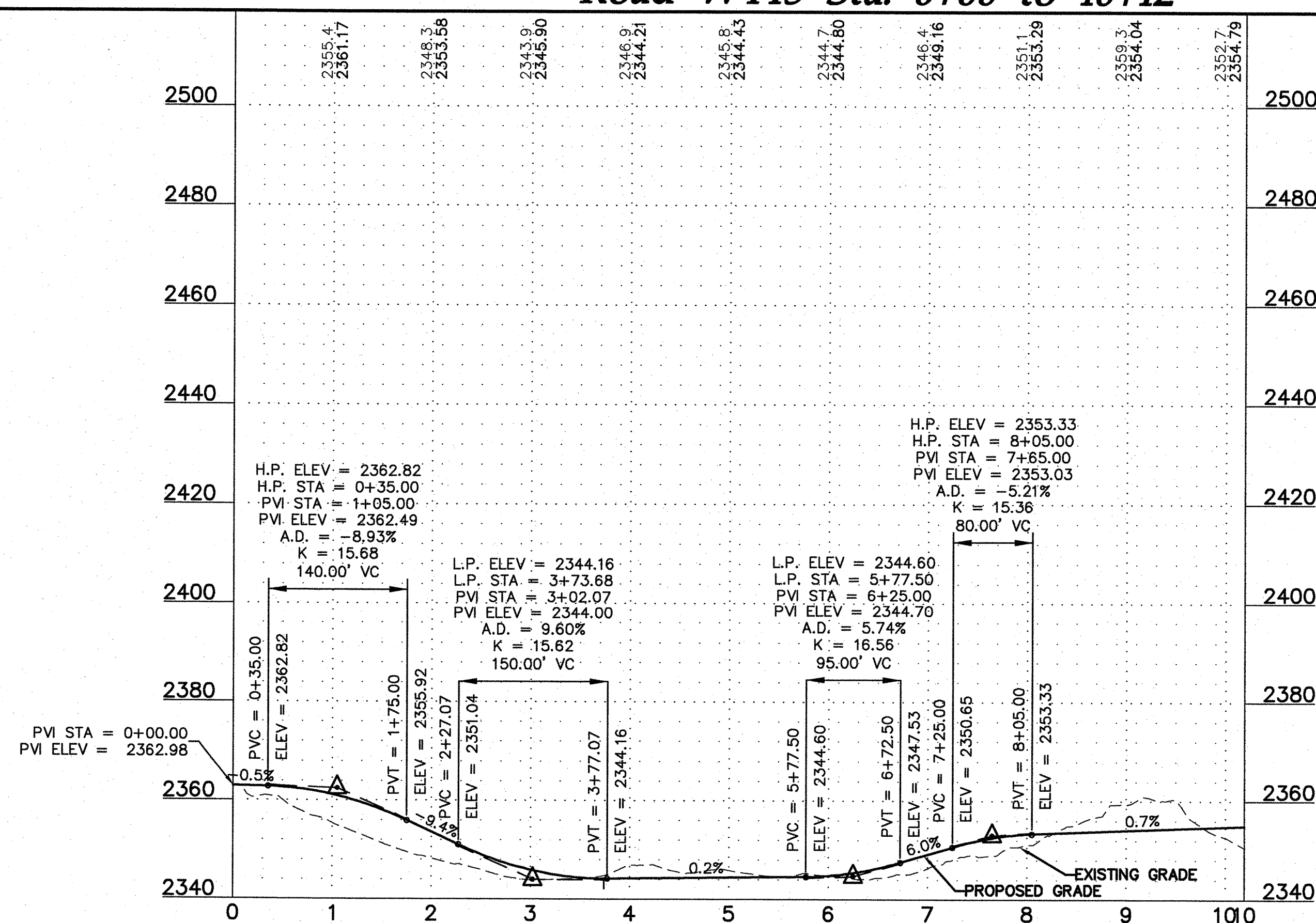
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SEE SHEET C.35

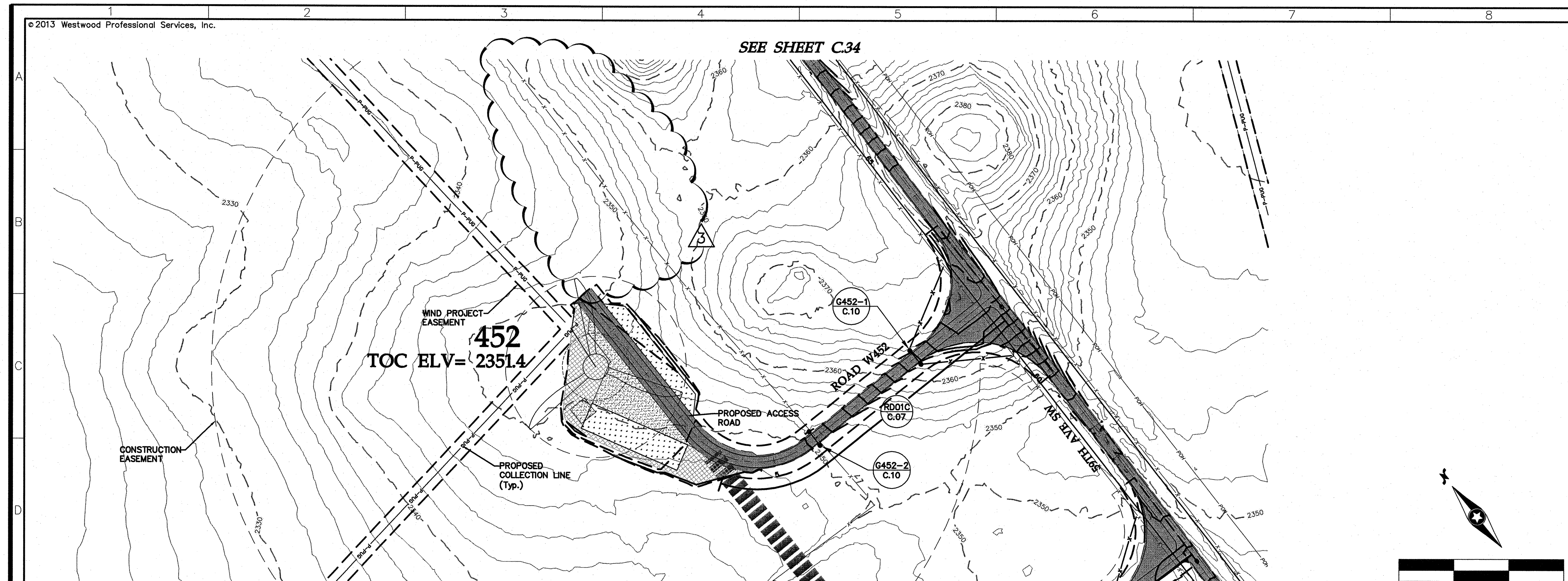


SEE SHEET C.34

Road W445 Sta. 0+00 to 10+12

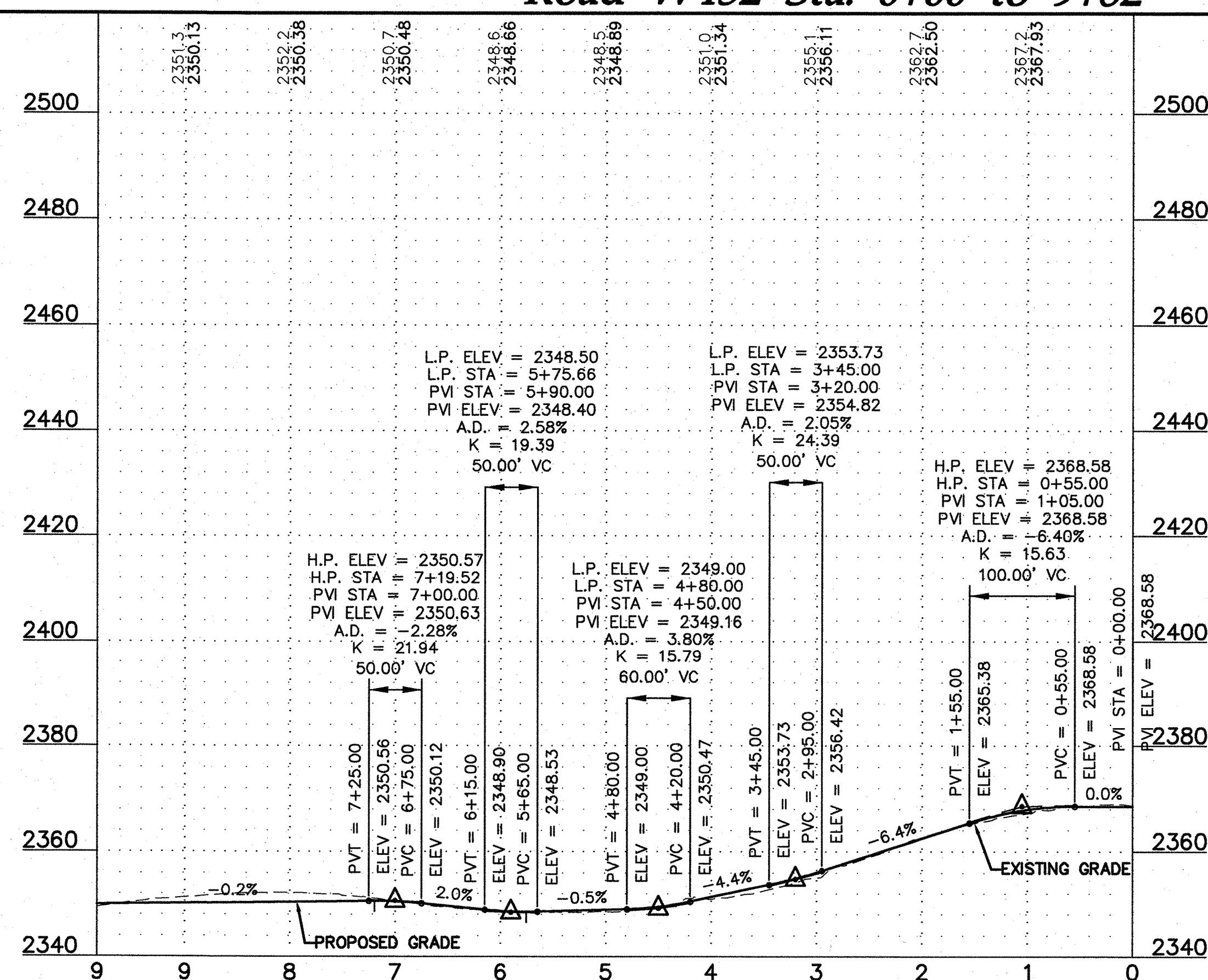
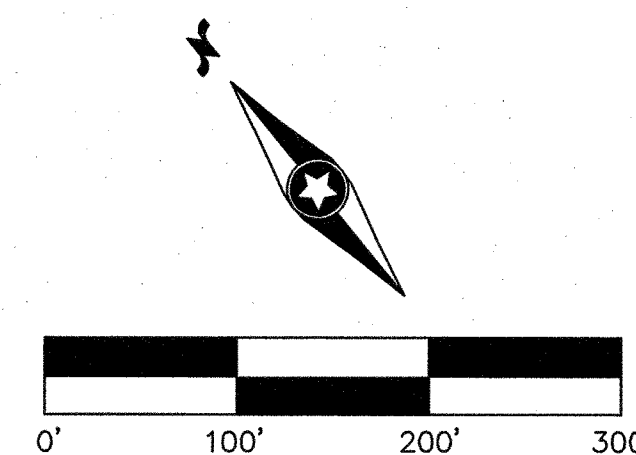


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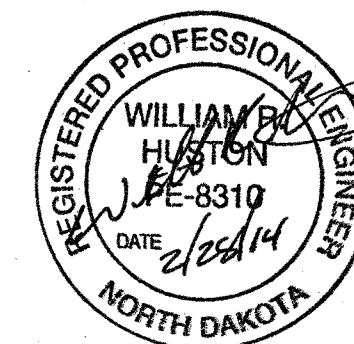


Road W452 Sta. 0+00 to 9+82

SEE SHEET C.34



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 Westwood Professional Services, Inc.
 7699 Anagram Drive
 Eden Prairie, MN 55344
 PHONE 952-937-5150
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 www.westwoodps.com



Designed: MPG
 Checked: ADC
 Drawn: MPG

Record Drawing by/date:

Revisions:	DATE	DESCRIPTION
1	09/04/13	Owner Comments
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3	02/28/14	Owner Comments

Prepared for:



30 West Superior Street
 Duluth, Minnesota 55802

LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED 10' CONTOURS
- PROPOSED 2' CONTOURS
- PROPOSED OVERHEAD
- POWER
- PROPOSED OVERHEAD RIGHT OF WAY
- PROPOSED UNDERGROUND ELECTRICAL COLLECTION
- PROPOSED CRANE PATH
- PROPOSED CULVERT
- PROPOSED FENCE
- CROSSING/GATE
- GATE ID
- PROPOSED FENCE CONSTRUCTION EASEMENT
- WIND PROJECT EASEMENT
- TURBINE GRAVEL AREA
- TURBINE LAYDOWN AREA
- TURBINE PAD AREA
- EXISTING GRAVEL SURFACE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING OVERHEAD POWER
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WATER BODY

Bison 4 Wind Project

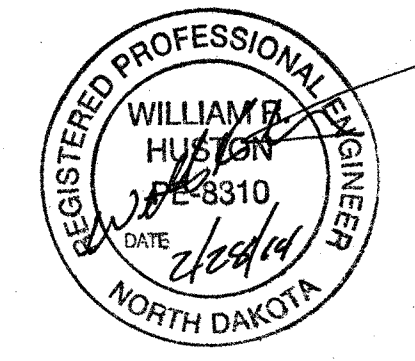
Oliver County, North Dakota

Road W452 Sta. 0+00
 to 9+82

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Date: 08/09/2013

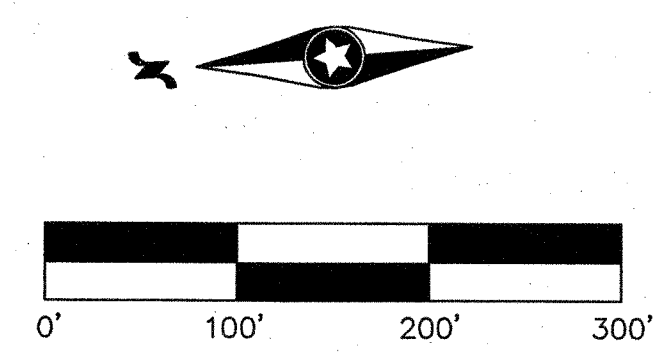
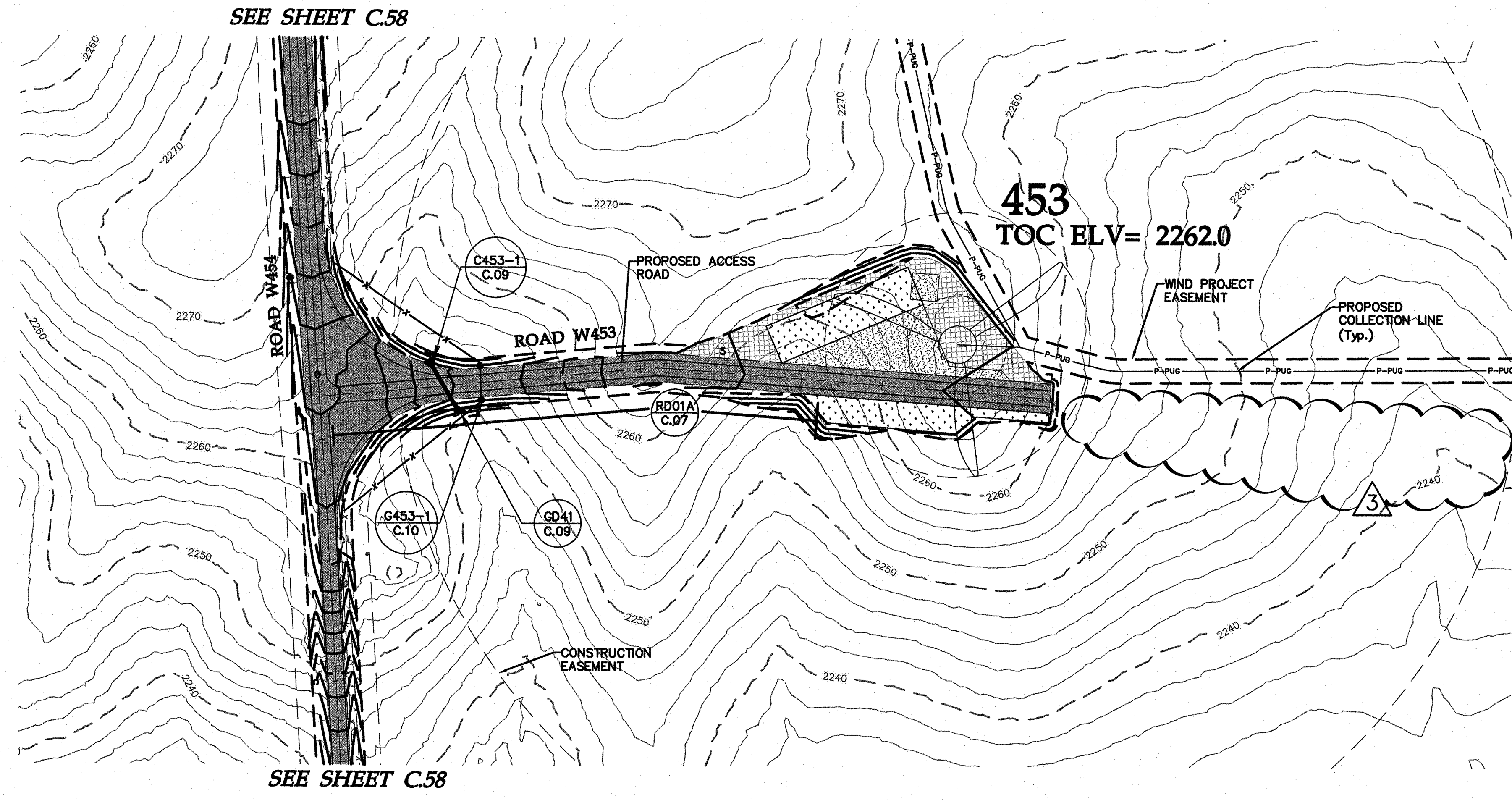
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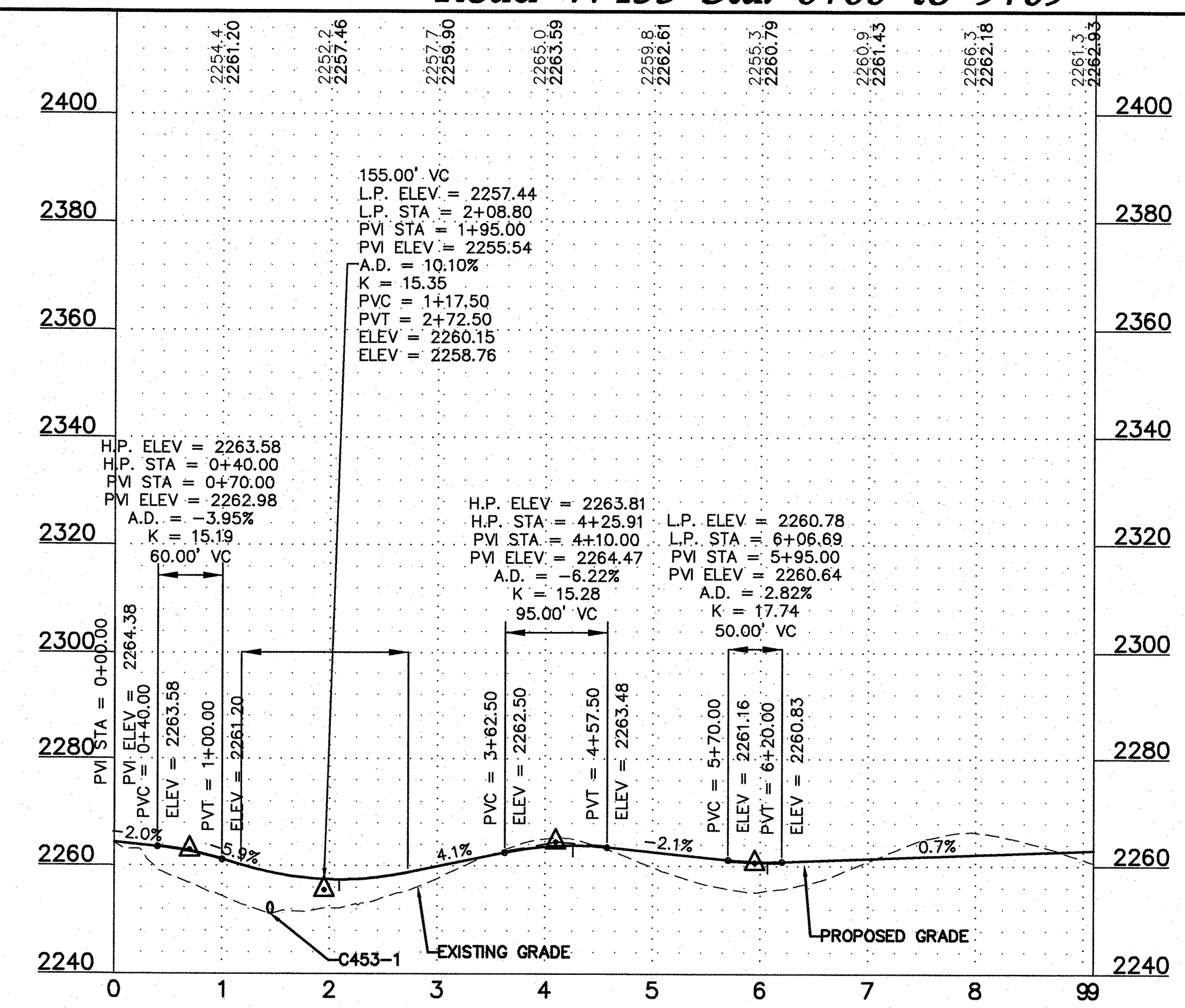
Designed:	MPG
Checked:	ADC
Drawn:	MPG
<u>Record Drawing by/date:</u>	
Revisions:	
#	DATE
1	09/04/13
2	10/09/13
3	02/28/14

Prepared for:
minnesota power
AN ALLETE COMPANY
30 West Superior Street
Duluth, Minnesota 55802

LEGEND:	
	TURBINE LOCATION
	TURBINE NUMBER
	PROPOSED ACCESS ROADS
	PROPOSED 10' CONTOURS
	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD
	POWER
	PROPOSED OVERHEAD
	RIGHT OF WAY
	PROPOSED UNDERGROUND ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	CROSSING/GATE
	GATE ID
	PROPOSED FENCE
	CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY



Road W453 Sta. 0+00 to 9+09



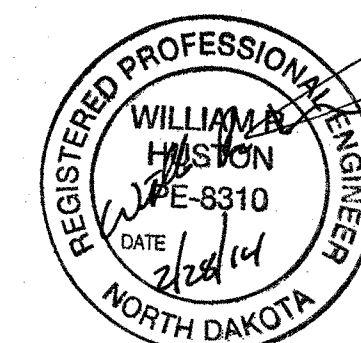
Bison 4 Wind Project

Oliver County, North Dakota

Road W453 Sta. 0+00 to 9+09

Issued for Construction

Date: 08/09/2013
Sheet: C.60



Designed: MPG
Checked: ADC
Drawn: MPG

Record Drawing by/date:

#	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

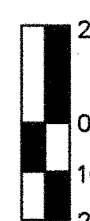
Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

	TURBINE LOCATION
	TURBINE NUMBER
	PROPOSED ACCESS ROADS
	PROPOSED 10' CONTOURS
	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD POWER
	PROPOSED OVERHEAD RIGHT OF WAY
	PROPOSED UNDERGROUND ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	CROSSING/GATE
	GATE ID
	PROPOSED FENCE CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY



Bison 4 Wind Project

Oliver County, North Dakota

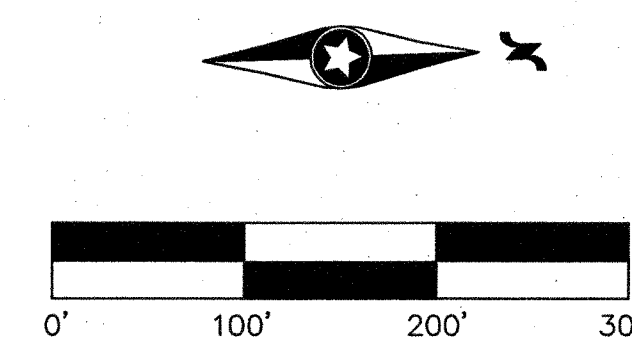
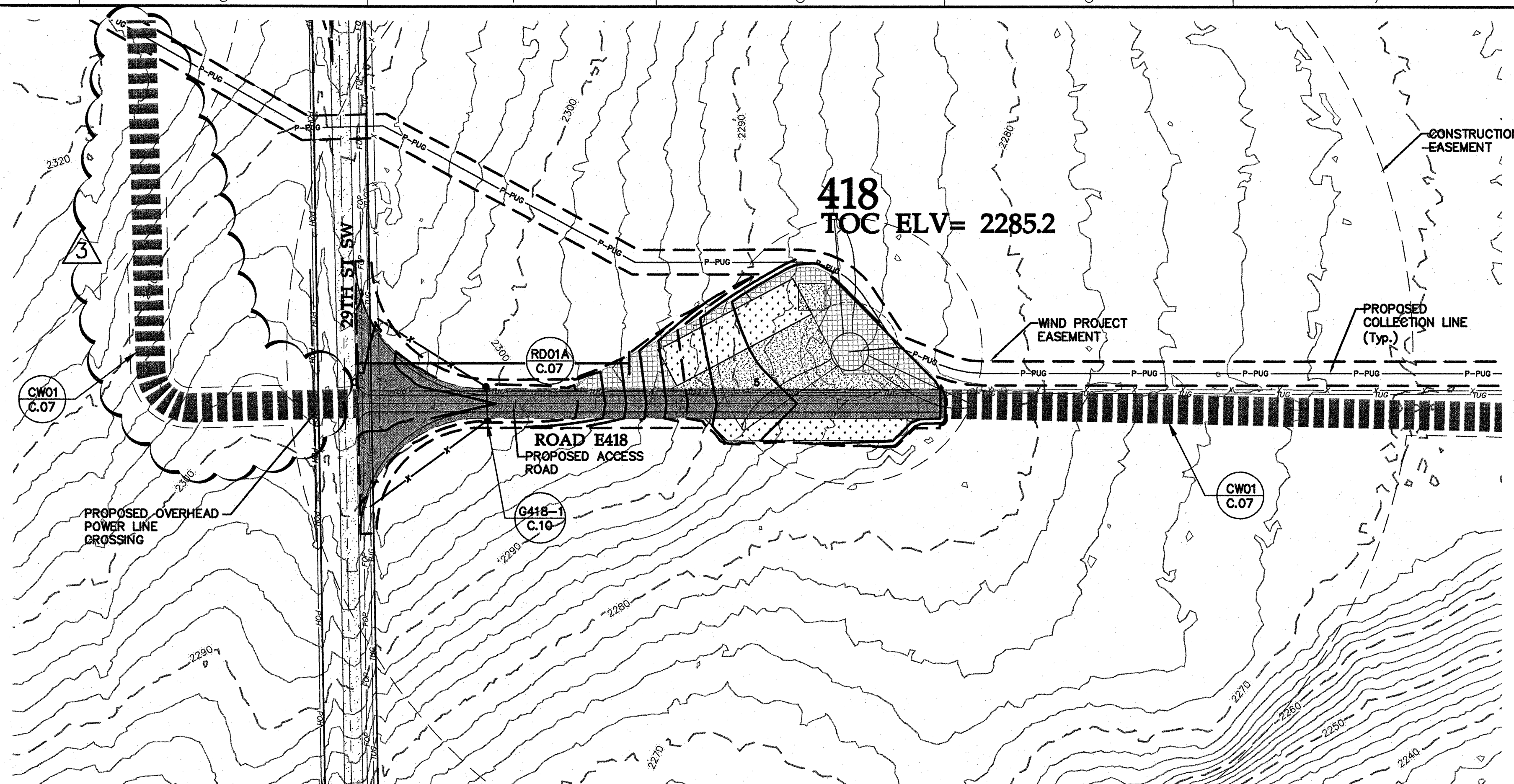
Road E418 Sta. 0+00 to 7+27

Issued for Construction

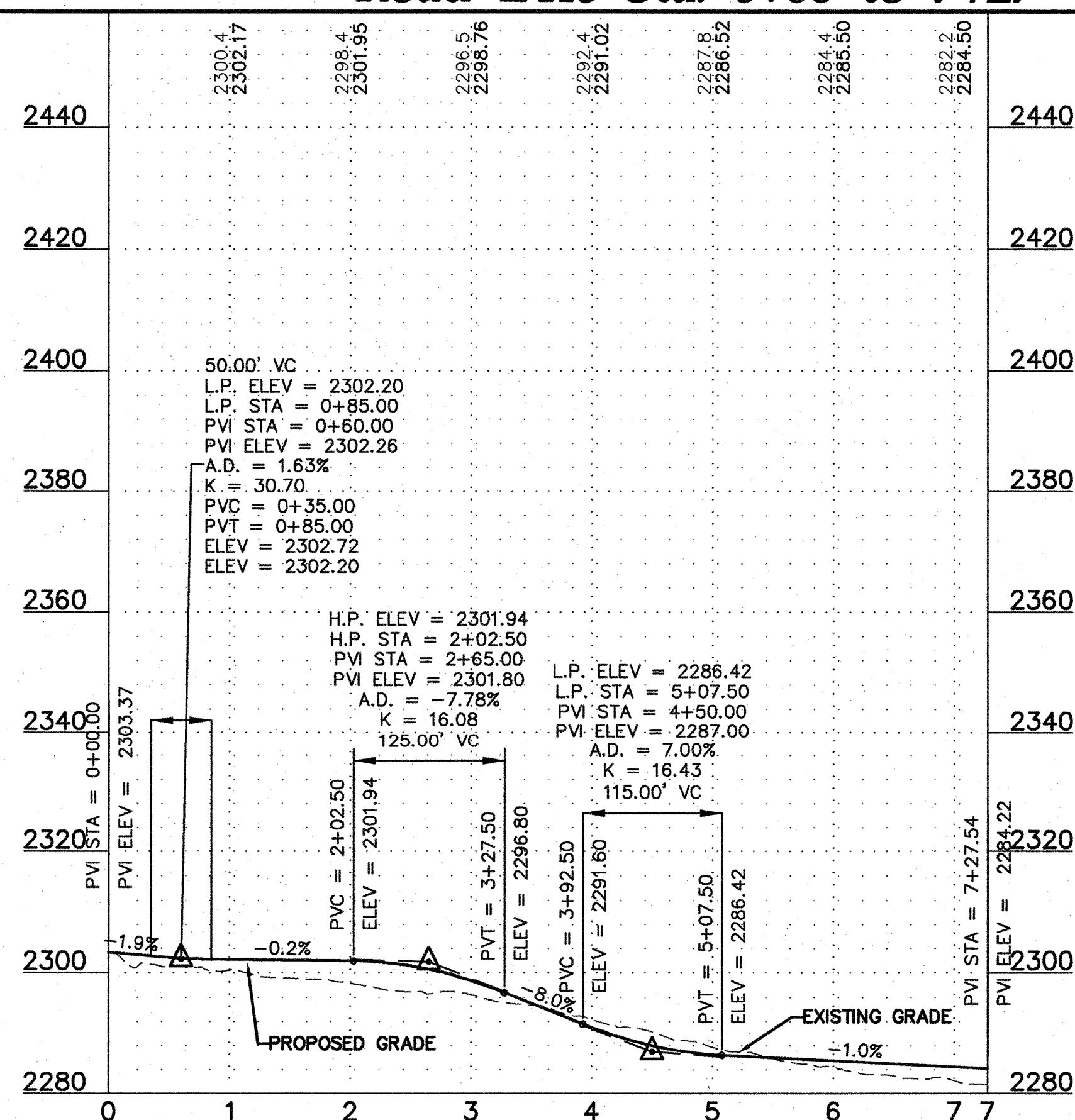
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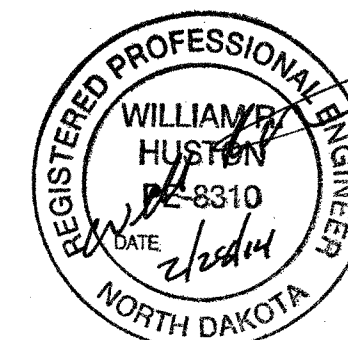
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Road E418 Sta. 0+00 to 7+27





Designed: MPG
Checked: ADC
Drawn: MPG

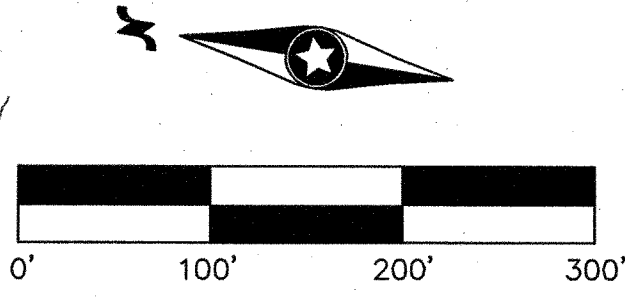
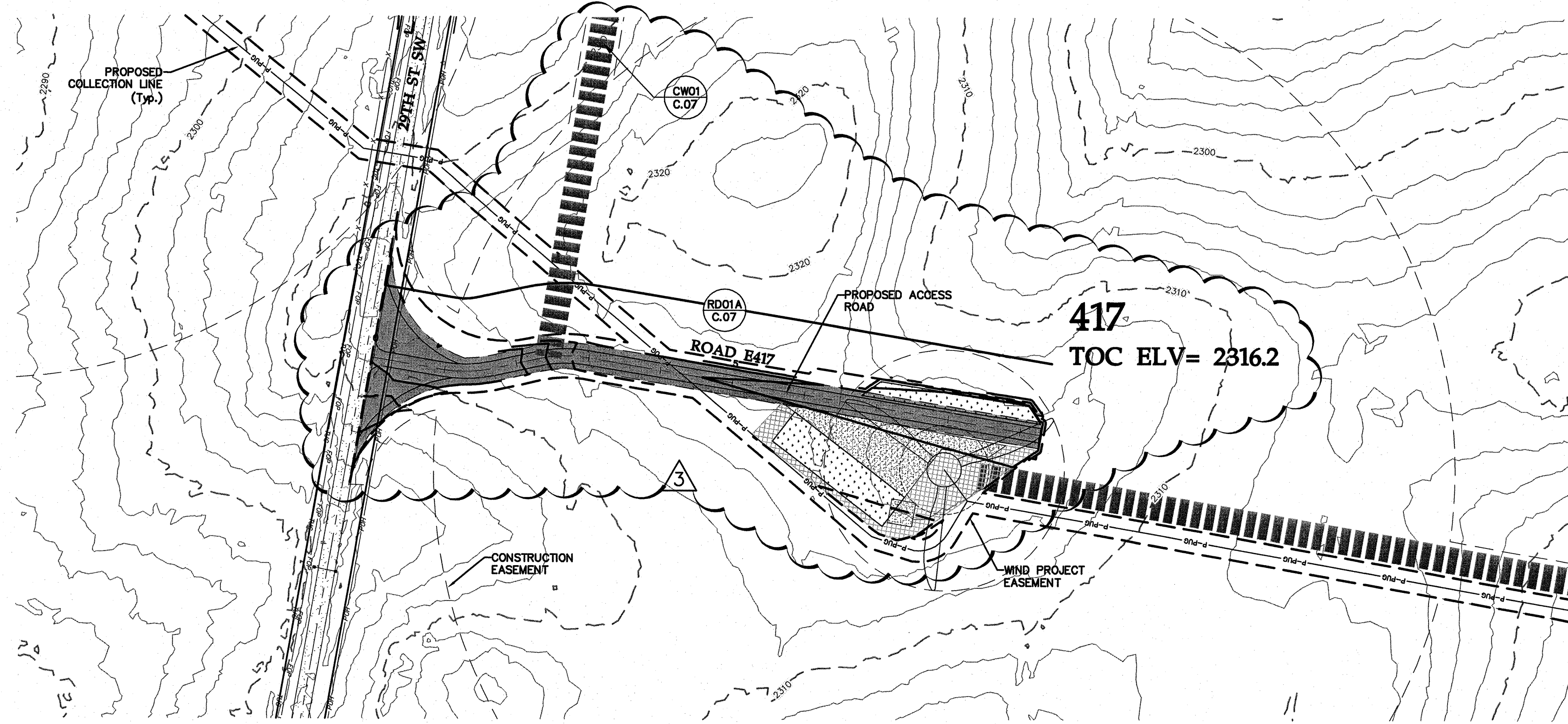
Record Drawing by/date:

Revisions:	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

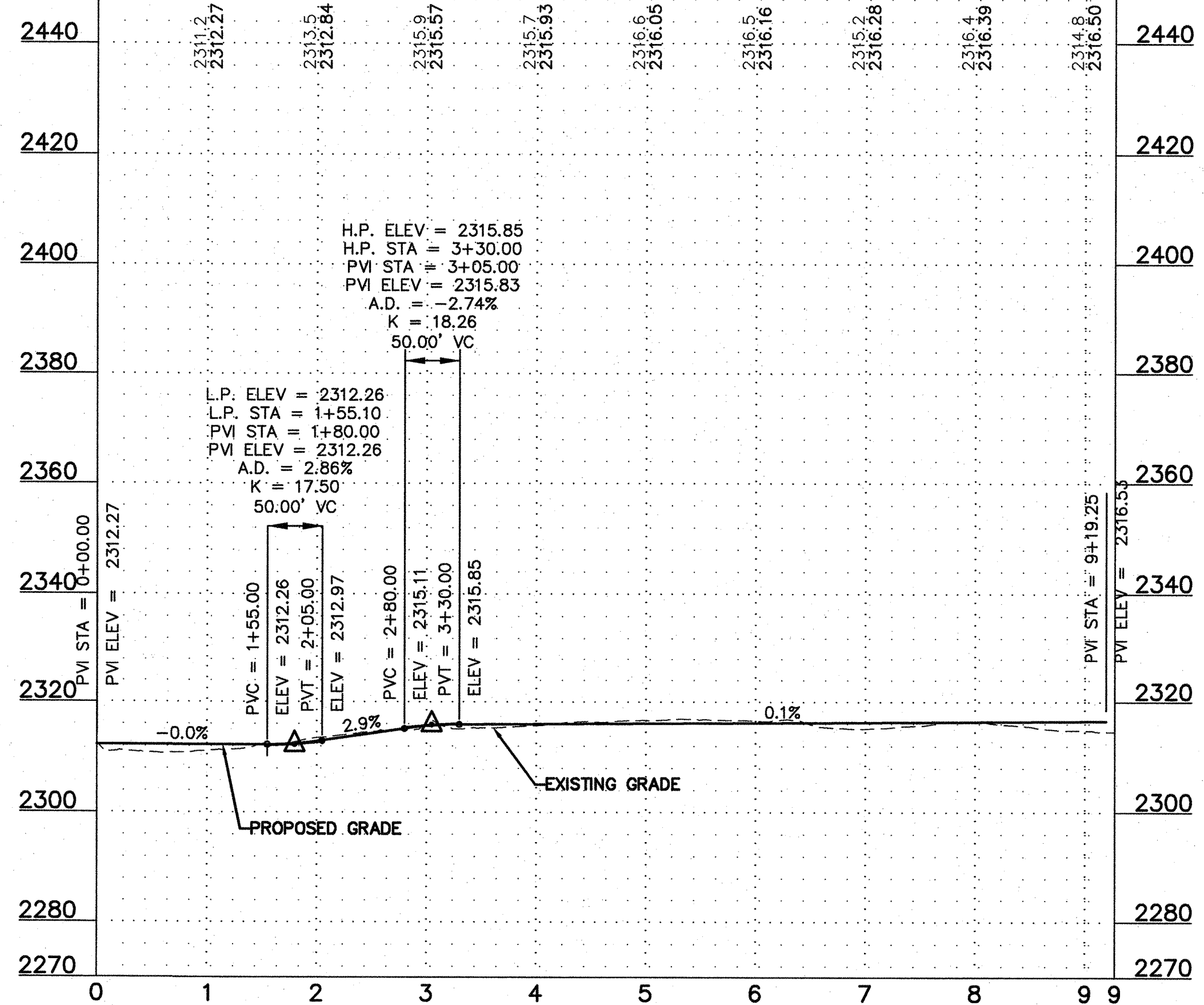
Prepared for:
minnesota power
AN ALLETE COMPANY
30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

	TURBINE LOCATION
	TURBINE NUMBER
	PROPOSED ACCESS ROADS
	PROPOSED 10' CONTOURS
	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD
	POWER
	PROPOSED OVERHEAD
	RIGHT OF WAY
	PROPOSED UNDERGROUND
	ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	CROSSING/GATE
	GATE ID
	PROPOSED FENCE
	CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY



Road E417 Sta. 0+00 to 9+19



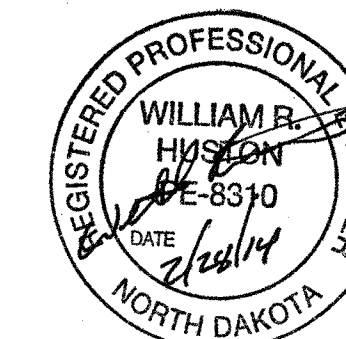
Bison 4 Wind Project

Oliver County, North Dakota

Road E417 Sta. 0+00 to 9+19

Issued for Construction

Date: 08/09/2013
Sheet: C.87



Designed: MPG
Checked: ADC
Drawn: MPG
Record Drawing by/date:

#	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

- TURBINE LOCATION
- TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED 10' CONTOURS
- PROPOSED 2' CONTOURS
- PROPOSED OVERHEAD POWER
- PROPOSED OVERHEAD RIGHT OF WAY
- PROPOSED UNDERGROUND ELECTRICAL COLLECTION
- PROPOSED CRANE PATH
- PROPOSED CULVERT
- PROPOSED FENCE CROSSING/GATE
- PROPOSED FENCE GATE
- PROPOSED FENCE EASEMENT
- WIND PROJECT EASEMENT
- TURBINE GRAVEL AREA
- TURBINE LAYDOWN AREA
- TURBINE PAD AREA
- EXISTING GRAVEL SURFACE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING OVERHEAD POWER
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WATER BODY

Bison 4 Wind Project

Oliver County, North Dakota

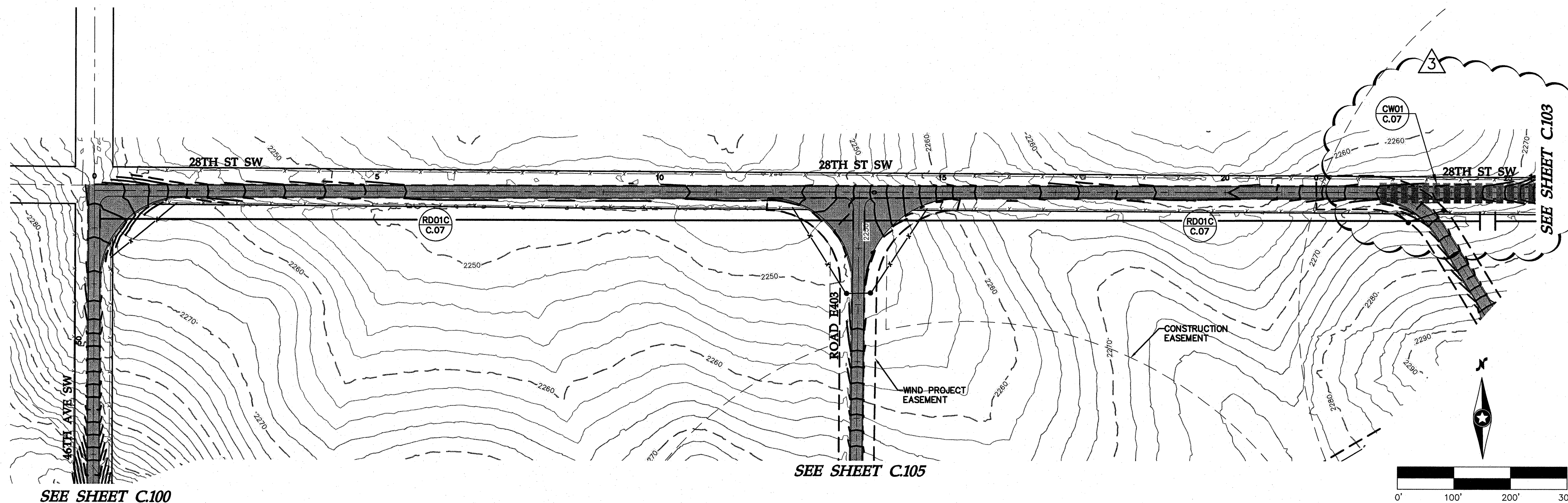
28th St SW Sta. 0+00 to 24+00

Issued for Construction

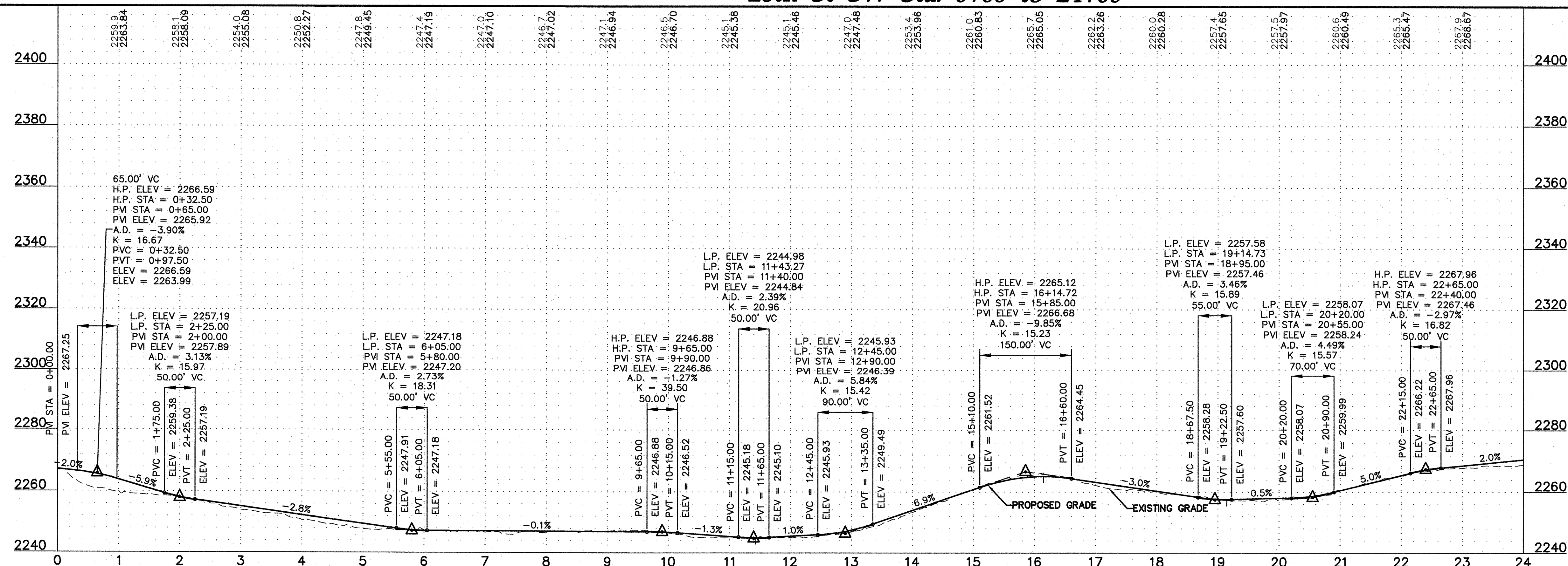
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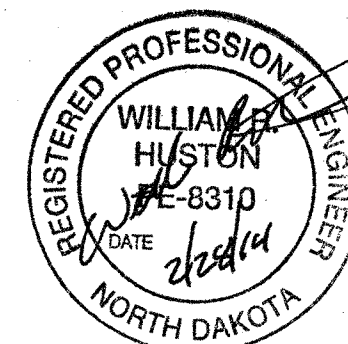
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00012655SPF05.dwg



28th St SW Sta. 0+00 to 24+00





Designed: MFG
Checked: ADC
Drawn: MFG

Record Drawing by/date:

Revisions	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

	TURBINE LOCATION
	TURBINE NUMBER
	PROPOSED ACCESS ROADS
	PROPOSED 10' CONTOURS
	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD
	POWER
	PROPOSED OVERHEAD
	RIGHT OF WAY
	PROPOSED UNDERGROUND
	ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	CROSSING/GATE
	GATE ID
	PROPOSED FENCE
	CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY

Bison 4 Wind Project

Oliver County, North Dakota

28th St SW Sta. 24+00
to 48+00

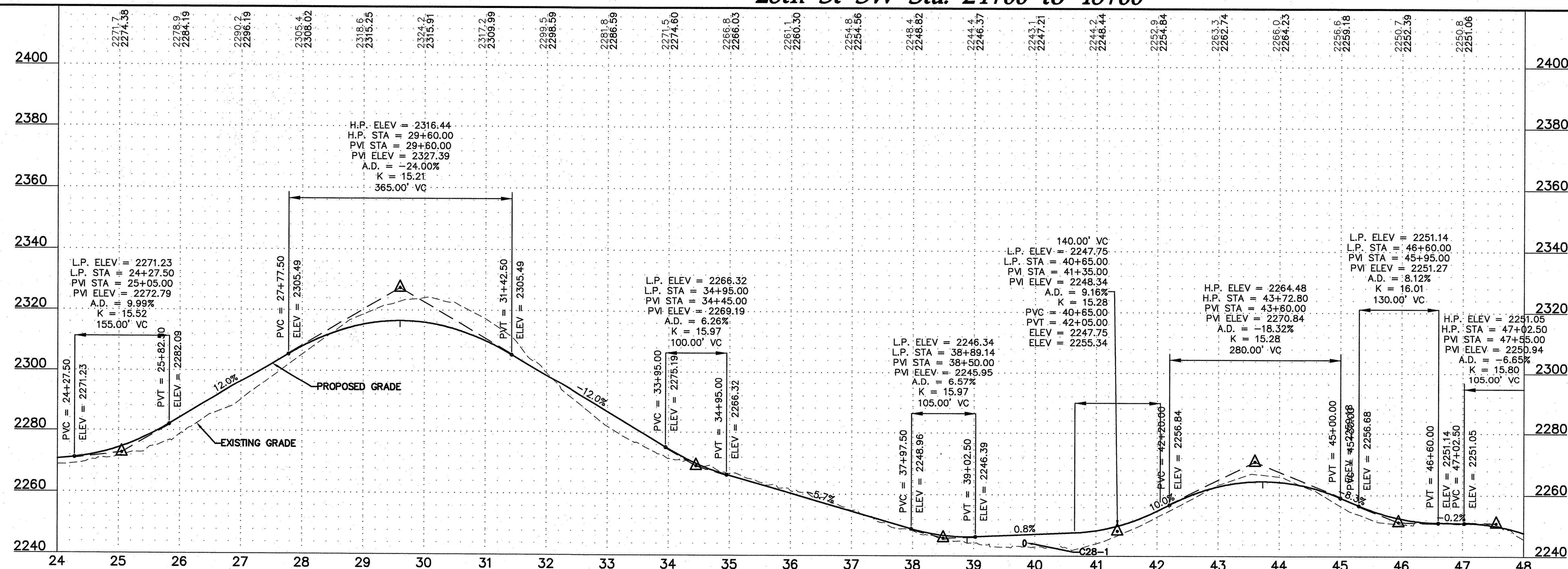
Issued for Construction

Date: 08/09/2013

Sheet: C.103

0001265SPF05.dwg

28th St SW Sta. 24+00 to 48+00



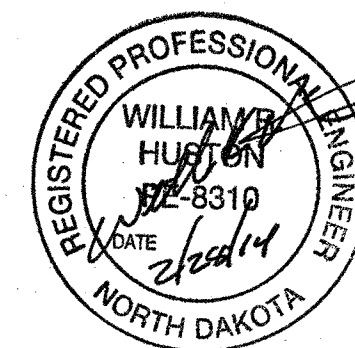


Westwood

Westwood Professional Services, Inc.
7699 Anagram Drive
Eden Prairie, MN 55344

PHONE 952-937-5150
FAX 952-937-5822
TOLL FREE 1-888-937-5150

www.westwoodps.com



Designed: MPG

Checked: ADC

Drawn: MPG

Record Drawing by/date:

Revisions	DATE	DESCRIPTION
1	08/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

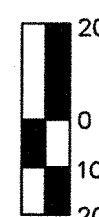
Prepared for:



30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

	TURBINE LOCATION
	TURBINE NUMBER
	PROPOSED ACCESS ROADS
	PROPOSED 10' CONTOURS
	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD POWER
	PROPOSED OVERHEAD RIGHT OF WAY
	PROPOSED UNDERGROUND ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	CROSSING/GATE
	GATE ID
	PROPOSED FENCE CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY



Bison 4 Wind Project

Oliver County, North Dakota

28th St SW Sta. 48+00
to 52+46

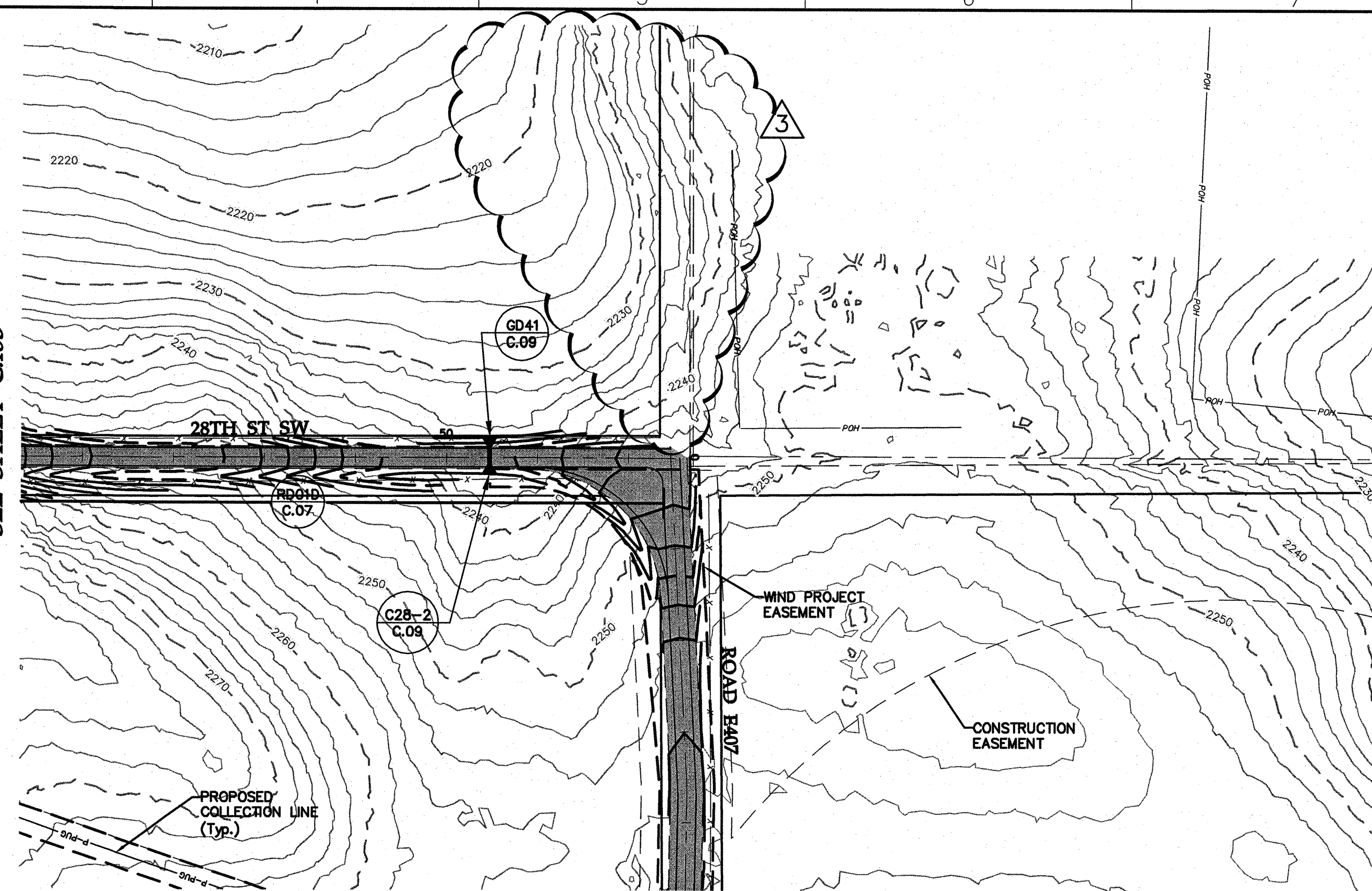
Issued for Construction

Date: 08/09/2013

Sheet: C.104

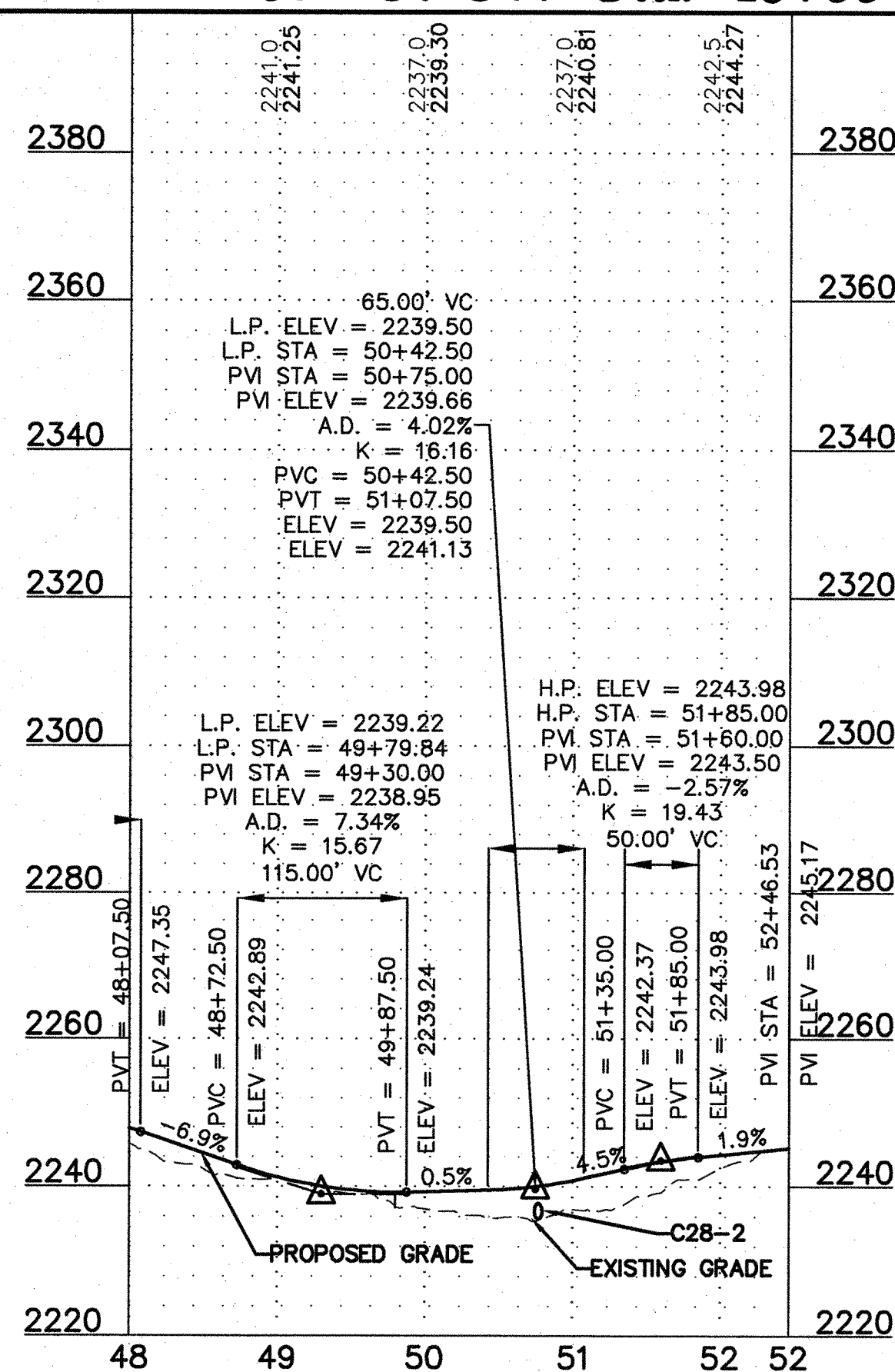
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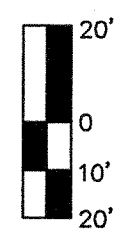
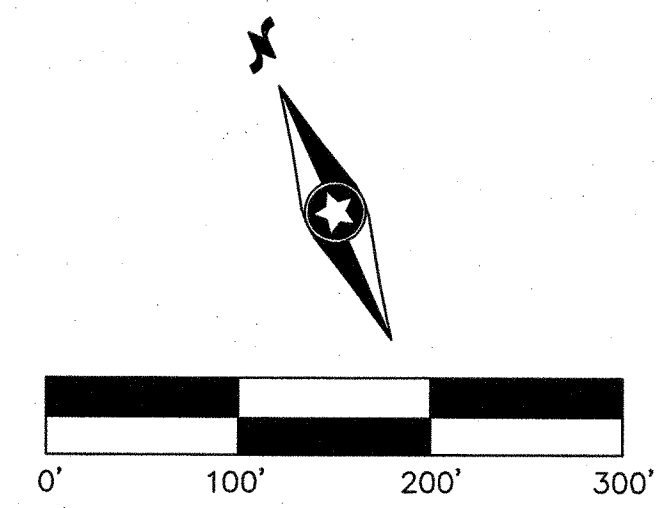
SEE SHEET C.103



SEE SHEET C.109

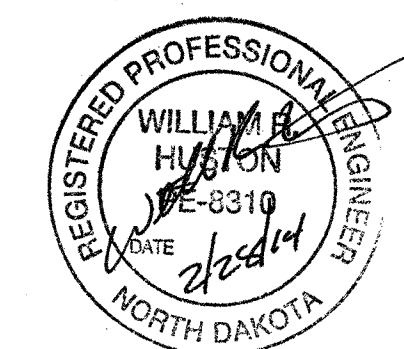
28th St SW Sta. 48+00 to 52+46





Road E404 Sta. 0+00 to 9+13

0001265SPF05.dwg



Designed: MFG
Checked: ADC
Drawn: MFG

Record Drawing by/date:

Revisions	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

Prepared for:

minnesota power
AN ALLETE COMPANY

30 West Superior Street
Duluth, Minnesota 55802

LEGEND:

	TURBINE LOCATION
	TURBINE NUMBER
	PROPOSED ACCESS ROADS
	PROPOSED 10' CONTOURS
	PROPOSED 2' CONTOURS
	PROPOSED OVERHEAD
	POWER
	PROPOSED OVERHEAD
	RIGHT OF WAY
	PROPOSED UNDERGROUND ELECTRICAL COLLECTION
	PROPOSED CRANE PATH
	PROPOSED CULVERT
	CULVERT ID
	PROPOSED FENCE
	CONSTRUCTION EASEMENT
	WIND PROJECT EASEMENT
	TURBINE GRAVEL AREA
	TURBINE LAYDOWN AREA
	TURBINE PAD AREA
	EXISTING GRAVEL SURFACE
	EXISTING 10' CONTOURS
	EXISTING 2' CONTOURS
	EXISTING OVERHEAD POWER
	EXISTING STREAM
	EXISTING WETLAND
	EXISTING WATER BODY

Bison 4 Wind Project

Oliver County, North Dakota

Road E406 Sta. 0+00 to 24+00

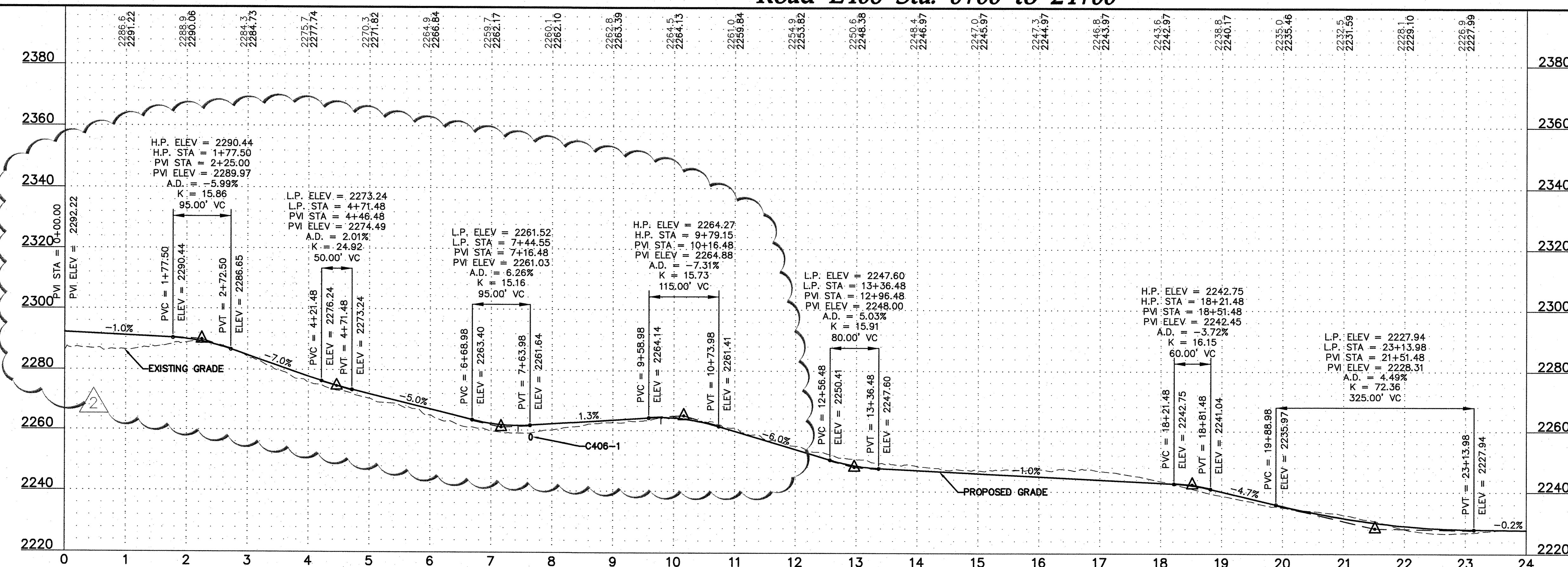
Issued for Construction

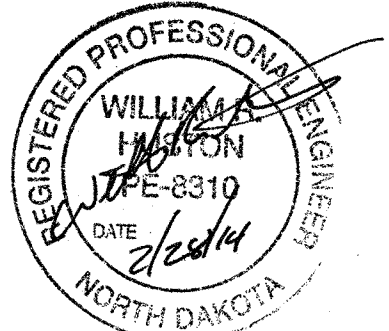
Date: 08/09/2013

Sheet: C.107

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Road E406 Sta. 0+00 to 24+00





Designed: **MPG**
 Checked: **ADC**
 Drawn: **MPG**

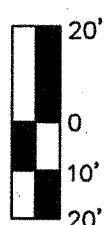
Record Drawing by/date:

Revisions	DATE	DESCRIPTION
1	09/04/13	Owner Comments
2	10/09/13	Owner Comments/Field Changes
3	02/28/14	Owner Comments

Prepared for:

**LEGEND:**

- TURBINE LOCATION
- TURBINE NUMBER
- PROPOSED ACCESS ROADS
- PROPOSED 10' CONTOURS
- PROPOSED 2' CONTOURS
- PROPOSED OVERHEAD POWER
- PROPOSED OVERHEAD RIGHT OF WAY
- PROPOSED UNDERGROUND ELECTRICAL COLLECTION
- PROPOSED CRANE PATH
- PROPOSED CULVERT
- PROPOSED FENCE
- PROPOSED CROSSING/GATE
- PROPOSED GATE
- PROPOSED FENCE CONSTRUCTION EASEMENT
- TURBINE GRAVEL AREA
- TURBINE LAYDOWN AREA
- TURBINE PAD AREA
- EXISTING GRAVEL SURFACE
- EXISTING 10' CONTOURS
- EXISTING 2' CONTOURS
- EXISTING OVERHEAD POWER
- EXISTING STREAM
- EXISTING WETLAND
- EXISTING WATER BODY



Bison 4 Wind Project

Oliver County, North Dakota

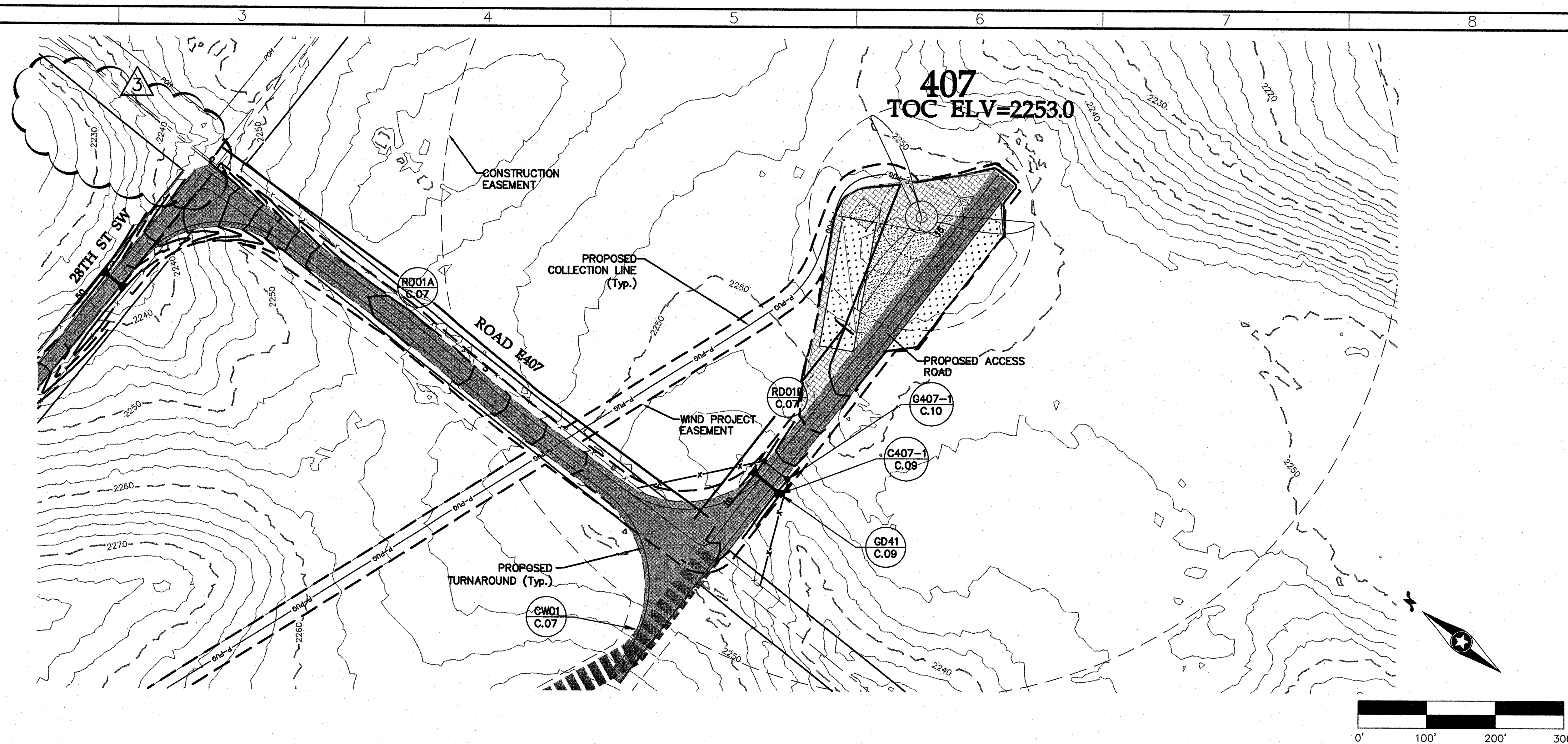
Road E407 Sta. 0+00 to 16+19

Issued for Construction

Date: 08/09/2013

Sheet: C.109

0001265SPF05.dwg



Road E407 Sta. 0+00 to 16+19

