

**SURFACE CONTROL POINT COORDINATES REFERENCED TO PIERCE COUNTY COORDINATE SYSTEM**

PT NO.	NORTHING	EASTING	ELEVATION
2001	255332.281	532418.010	1077.52
2002	255341.674	534183.858	1079.35
2005	255590.990	534603.826	1086.98
2010	256925.624	533675.772	1041.34
2011	257180.980	533532.659	1060.72
2012	256426.586	532577.032	936.76
2013	256461.456	531944.106	895.88
2014	257698.991	525134.181	687.51
2015	252844.147	530263.468	707.19

**LEGEND**

POINT	ELEV
CP 920	802.88
CP 921	807.58
CP 922	802.96
CP 923	801.65
CP 924	794.00
CP 925	800.00
CP 926	816.07
CP 927	805.15
CP 928	807.19
CP 929	807.32
CP 930	812.66
CP 931	812.67
CP 932	813.95
CP 933	812.36
CP 934	814.10
CP 935	813.17
CP 936	813.63
CP 937	802.13
CP 938	807.42
CP 939	801.52
CP 940	800.90
CP 941	801.72
CP 942	801.37
CP 943	804.90
CP 944	802.63
CP 945	801.80
CP 946	801.67
CP 947	808.19
CP 948	813.47
CP 949	813.58
CP 950	803.12
CP 951	793.66
CP 952	791.69
CP 953	812.24
CP 954	810.07
CP 955	804.44
CP 956	804.12
CP 957	803.44
CP 958	802.57
CP 959	803.48
CP 960	802.07
CP 961	792.44
CP 962	795.82
CP 963	800.60
CP 964	798.69
CP 965	800.77
CP 966	819.47
CP 967	816.76
CP 968	815.44
CP 969	801.25
CP 970	801.07
CP 971	801.92
CP 972	801.18
CP 973	804.64
CP 974	804.21
CP 975	799.40
CP 976	804.33
CP 977	805.01
CP 978	799.96
CP 979	799.73
CP 980	802.14
CP 981	804.01
CP 982	816.09
CP 983	816.21
CP 984	814.27
CP 985	815.30
CP 986	813.39
CP 987	809.84
CP 988	808.36
CP 989	808.07
CP 990	808.32
CP 991	808.37
CP 992	803.26
CP 993	801.27
CP 994	804.34
CP 995	803.33
CP 996	816.36
CP 997	814.76
CP 998	801.22
CP 999	802.21
CP 1000	803.40
CP 1001	816.45
CP 1002	817.91
CP 1003	817.19
CP 1004	816.21
CP 1005	814.00
CP 1006	800.65
CP 1007	800.95
CP 1008	799.42
CP 1009	820.60
CP 1010	818.72

- ELEC — ELECTRICAL LINE
- WATER — WATER LINE
- F — FIBER OPTIC LINE
- — MAIN ESCAPE ROUTE
- — SECONDARY ESCAPE ROUTE
- — ELECTRIC SUBSTATION
- — ELECTRICAL BOX
- ☎ — TELEPHONE
- +
- △ — LAG BOLT IN WALL
- ⊕ — SURVEY MARKER NAIL IN WALL
- — IRON PIPE IN WALL
- ⊗ — WOOD HUB IN GROUND
- ⊕ — DRILL STEEL MONUMENT IN WALL
- ⊕ 2013 — SURFACE CONTROL MONUMENT

SHEET NO. E-1

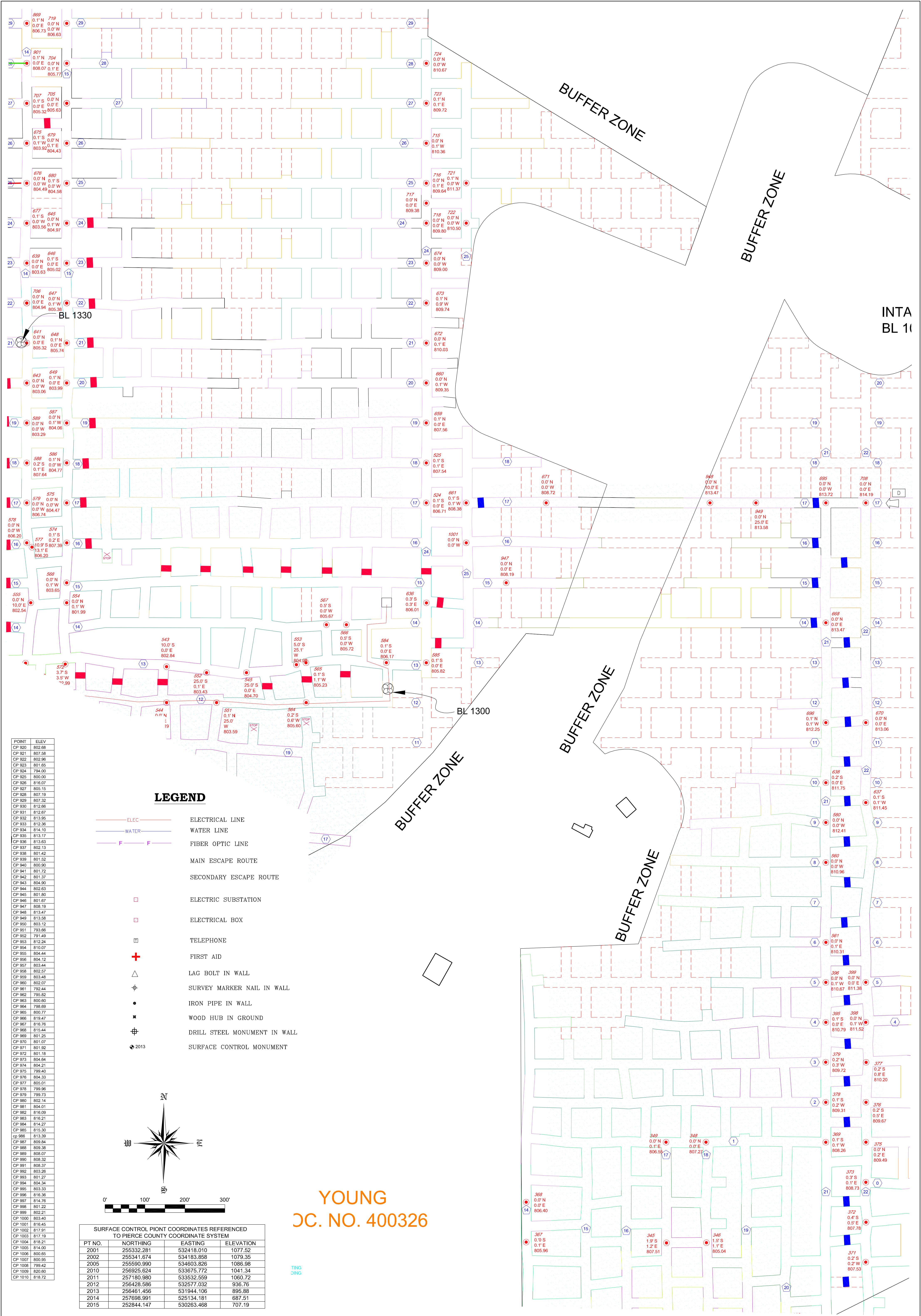
PROJECT NO.	CAD FILE	SURVEYED BY	DRAWN BY	APPROVED BY	NO.	DATE	REVISIONS	BY
18-0567	18-0567.dwg	TMH	TMH					
DATE	CRD FILE	SURVEY DATE	CHECKED BY	SCALE				
3/29/2018	18-0567.crd	3/29/2018	TMH	1"=100'	1	10/12/2017	CONTROL	TMH

WISCONSIN INDUSTRIAL SAND COMPANY, LLC  
 A DIVISION OF FAIRMOUNTSANTROL  
 MAIDEN ROCK, WISCONSIN  
 CONTROL POINT LOCATION MAP

**HEALY**  
 LAND SURVEYING

Healy Land Surveying  
 P.O. Box 221  
 Niagara, WI 54151  
 Phone: 715-548-0566  
 info@healysurveying.com

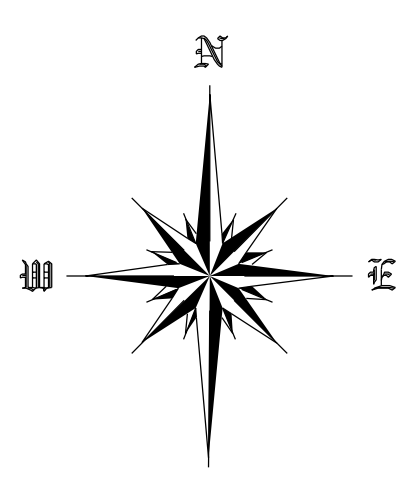




POINT	ELEV
CP 920	802.68
CP 921	807.58
CP 922	802.96
CP 923	801.65
CP 924	794.00
CP 925	800.00
CP 926	816.07
CP 927	805.15
CP 928	807.19
CP 929	807.32
CP 930	812.66
CP 931	812.67
CP 932	813.95
CP 933	812.36
CP 934	814.10
CP 935	813.17
CP 936	813.63
CP 937	802.13
CP 938	801.42
CP 939	801.52
CP 940	800.90
CP 941	801.72
CP 942	801.37
CP 943	804.90
CP 944	802.63
CP 945	801.80
CP 946	801.67
CP 947	808.19
CP 948	813.47
CP 949	813.58
CP 950	803.12
CP 951	793.66
CP 952	791.49
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CP 956	804.12
CP 957	803.44
CP 958	802.57
CP 959	803.45
CP 960	802.07
CP 961	792.44
CP 962	795.82
CP 963	800.60
CP 964	798.69
CP 965	800.77
CP 966	819.47
CP 967	816.76
CP 968	815.44
CP 969	801.25
CP 970	801.07
CP 971	801.92
CP 972	801.18
CP 973	804.64
CP 974	804.21
CP 975	799.40
CP 976	804.33
CP 977	805.01
CP 978	799.96
CP 979	799.73
CP 980	802.74
CP 981	804.01
CP 982	816.09
CP 983	816.21
CP 984	814.27
CP 985	815.30
CP 986	813.39
CP 987	809.84
CP 988	809.38
CP 989	808.07
CP 990	808.32
CP 991	808.37
CP 992	803.26
CP 993	801.27
CP 994	804.34
CP 995	803.33
CP 996	816.36
CP 997	814.76
CP 998	801.22
CP 999	802.21
CP 1000	803.40
CP 1001	816.45
CP 1002	817.91
CP 1003	817.19
CP 1004	818.21
CP 1005	814.00
CP 1006	800.65
CP 1007	800.95
CP 1008	799.42
CP 1009	820.60
CP 1010	818.72

**LEGEND**

- ELEC ELECTRICAL LINE
- WATER WATER LINE
- F FIBER OPTIC LINE
- MAIN ESCAPE ROUTE
- SECONDARY ESCAPE ROUTE
- ELECTRIC SUBSTATION
- ELECTRICAL BOX
- TELEPHONE
- + FIRST AID
- △ LAG BOLT IN WALL
- ⊕ SURVEY MARKER NAIL IN WALL
- IRON PIPE IN WALL
- ⊗ WOOD HUB IN GROUND
- ⊕ DRILL STEEL MONUMENT IN WALL
- ⬇ 2013 SURFACE CONTROL MONUMENT



**YOUNG  
JC. NO. 400326**

SURFACE CONTROL POINT COORDINATES REFERENCED TO PIERCE COUNTY COORDINATE SYSTEM

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2011	257180.980	533532.659	1060.72
2012	256428.586	532577.032	936.76
2013	256461.456	531944.106	895.88
2014	257698.991	525134.181	687.51
2015	252844.147	530263.468	707.19

SHEET NO. F-2

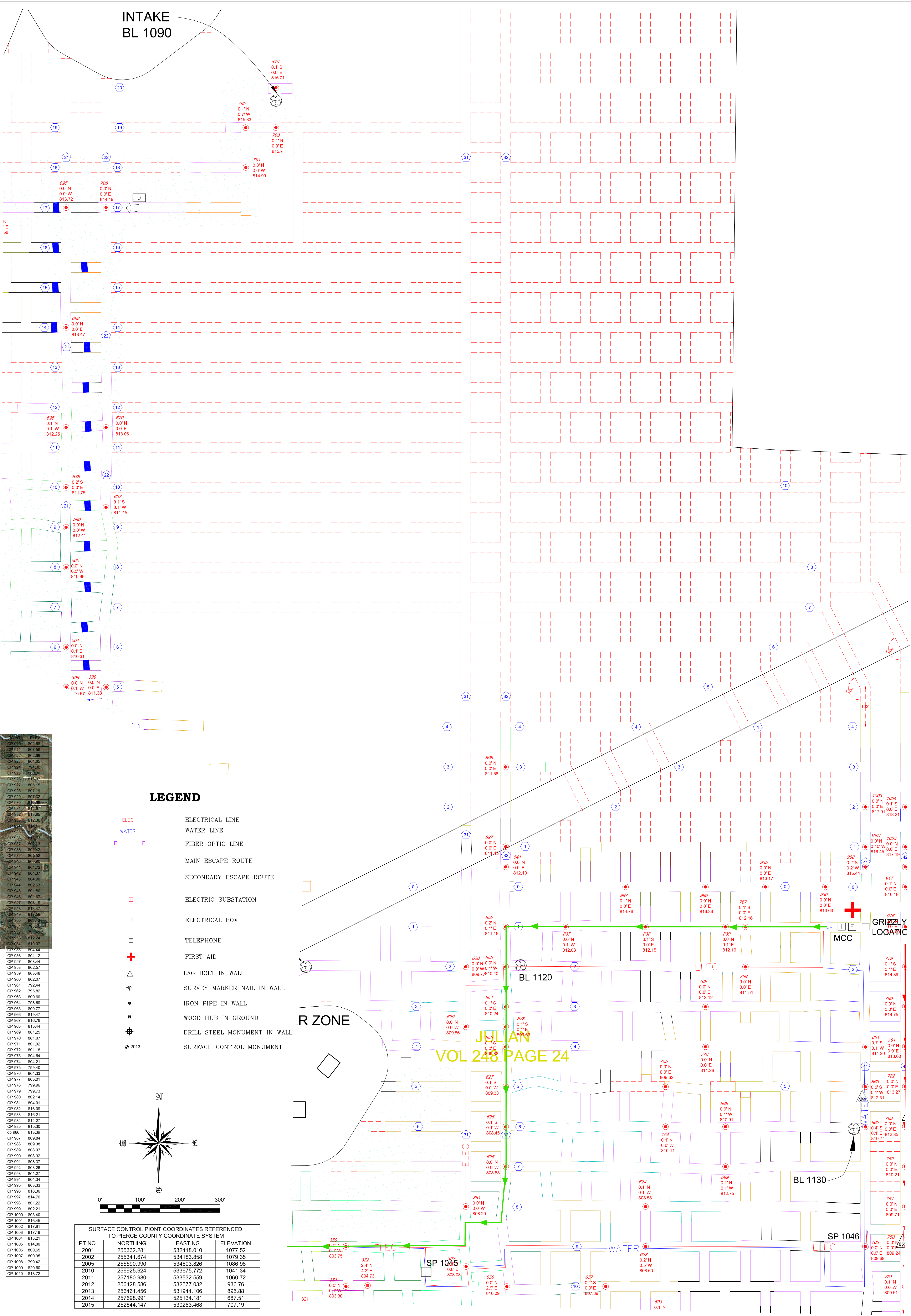
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DATE	CRD FILE	SURVEY DATE	CHECKED BY	SCALE				
3/29/2018	18-0567.crd	3/29/2018	TMH	1"=100'	1	10/12/2017	CONTROL	TMH

**WISCONSIN INDUSTRIAL SAND COMPANY, LLC**  
A DIVISION OF FAIRMOUNTSANTROL  
MAIDEN ROCK, WISCONSIN  
CONTROL POINT LOCATION MAP

Healy Land Surveying  
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Niagara, WI 54151  
Phone: 715-548-0566  
info@healysurveying.com



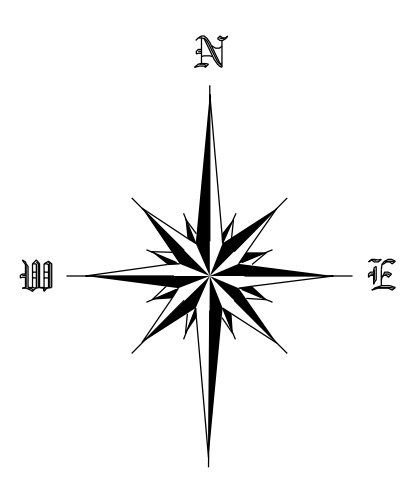
INTAKE  
BL 1090



POINT NO.	ELEV.
CP 921	807.58
CP 922	802.96
CP 923	801.85
CP 924	799.50
CP 925	797.90
CP 926	795.47
CP 927	805.75
CP 928	807.19
CP 929	809.85
CP 930	814.38
CP 931	812.87
CP 932	813.36
CP 933	812.36
CP 934	814.49
CP 935	815.49
CP 936	816.51
CP 937	817.53
CP 938	818.54
CP 939	819.52
CP 940	820.50
CP 941	821.47
CP 942	822.44
CP 943	823.41
CP 944	824.38
CP 945	825.35
CP 946	826.32
CP 947	827.29
CP 948	828.26
CP 949	829.23
CP 950	830.20
CP 951	831.17
CP 952	832.14
CP 953	833.11
CP 954	834.07
CP 955	835.04
CP 956	836.01
CP 957	836.98
CP 958	837.95
CP 959	838.92
CP 960	839.89
CP 961	840.86
CP 962	841.83
CP 963	842.80
CP 964	843.77
CP 965	844.74
CP 966	845.71
CP 967	846.68
CP 968	847.65
CP 969	848.62
CP 970	849.59
CP 971	850.56
CP 972	851.53
CP 973	852.50
CP 974	853.47
CP 975	854.44
CP 976	855.41
CP 977	856.38
CP 978	857.35
CP 979	858.32
CP 980	859.29
CP 981	860.26
CP 982	861.23
CP 983	862.20
CP 984	863.17
CP 985	864.14
CP 986	865.11
CP 987	866.08
CP 988	867.05
CP 989	868.02
CP 990	868.99
CP 991	869.96
CP 992	870.93
CP 993	871.90
CP 994	872.87
CP 995	873.84
CP 996	874.81
CP 997	875.78
CP 998	876.75
CP 999	877.72
CP 1000	878.69
CP 1001	879.66
CP 1002	880.63
CP 1003	881.60
CP 1004	882.57
CP 1005	883.54
CP 1006	884.51
CP 1007	885.48
CP 1008	886.45
CP 1009	887.42
CP 1010	888.39

**LEGEND**

- ELEC ELECTRICAL LINE
- WATER WATER LINE
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- ELECTRICAL BOX
- ☎ TELEPHONE
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2001	255332.281	532418.010	1077.52
2002	255341.674	534183.858	1079.35
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2011	257180.980	533532.659	1060.72
2012	256426.586	532577.032	936.76
2013	256461.456	531944.106	895.88
2014	257698.991	525134.181	687.51
2015	252844.147	530263.468	707.19

R ZONE

JULIAN  
VOL 246 PAGE 24

GRIZZLY LOGATIC

SHEET NO.  
F-3

PROJECT NO.	CAD FILE	SURVEYED BY	DRAWN BY	APPROVED BY	NO.	DATE	REVISIONS	BY
18-0567	18-0567.dwg	TMH	TMH					
DATE	CRD FILE	SURVEY DATE	CHECKED BY	SCALE				
3/29/2018	18-0567.crd	3/29/2018	TMH	1"=100'				

WISCONSIN INDUSTRIAL SAND COMPANY, LLC  
A DIVISION OF FAIRMOUNTSANTROL  
MAIDEN ROCK, WISCONSIN  
CONTROL POINT LOCATION MAP

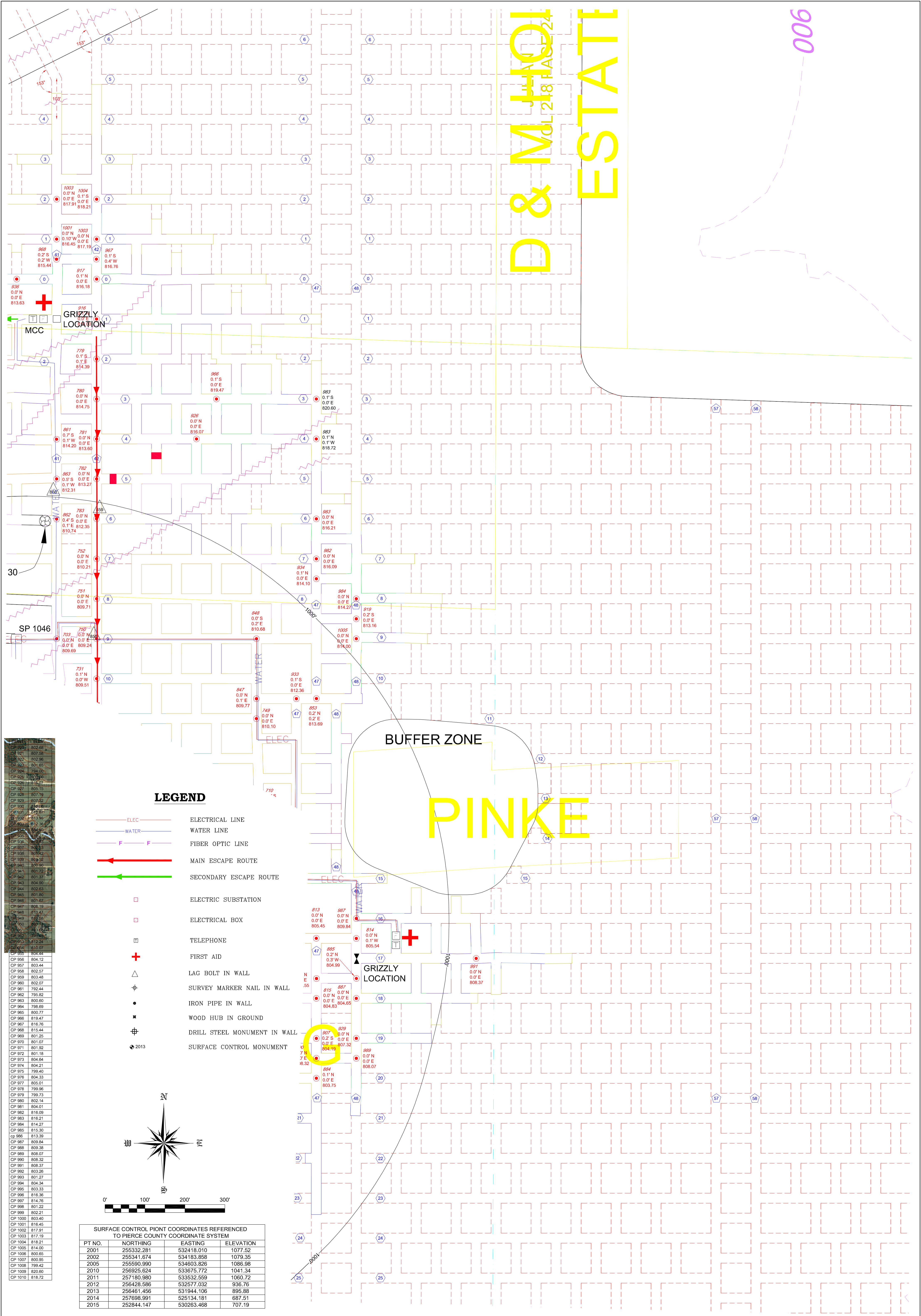
**HEALY**  
LAND SURVEYING

Healy Land Surveying  
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Niagara, WI 54151  
Phone: 715-548-0566  
info@healysurveying.com



# D & M HOLDINGS ESTATE

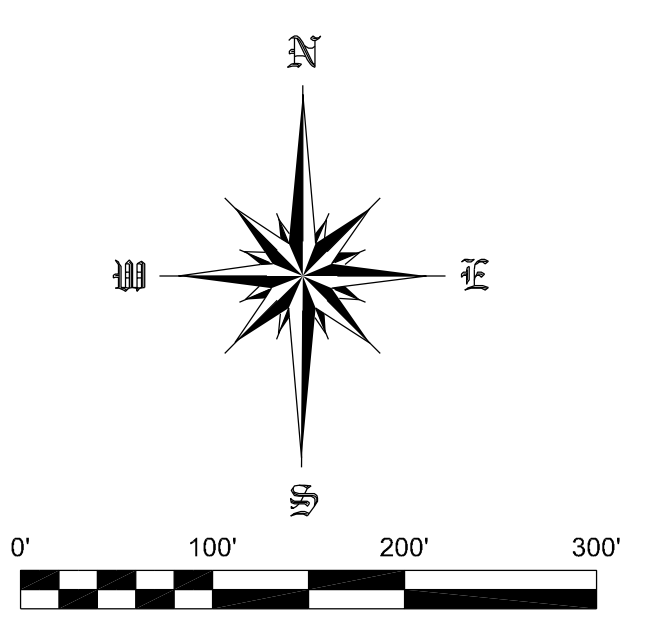
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CP 901	802.68
CP 902	807.58
CP 903	802.86
CP 904	801.65
CP 905	794.00
CP 906	800.90
CP 907	805.16
CP 908	807.19
CP 909	807.52
CP 910	812.16
CP 911	813.87
CP 912	813.36
CP 913	812.38
CP 914	814.50
CP 915	814.71
CP 916	812.13
CP 917	807.42
CP 918	808.52
CP 919	809.60
CP 920	801.02
CP 921	801.37
CP 922	804.90
CP 923	802.63
CP 924	801.80
CP 925	801.67
CP 926	808.19
CP 927	813.47
CP 928	817.56
CP 929	807.93
CP 930	813.64
CP 931	813.98
CP 932	812.24
CP 933	810.07
CP 934	804.44
CP 935	804.12
CP 936	803.44
CP 937	802.27
CP 938	803.48
CP 939	803.48
CP 940	802.07
CP 941	792.44
CP 942	795.82
CP 943	803.60
CP 944	798.69
CP 945	800.77
CP 946	819.47
CP 947	816.76
CP 948	815.44
CP 949	801.25
CP 950	801.07
CP 951	801.92
CP 952	801.18
CP 953	804.64
CP 954	804.21
CP 955	799.40
CP 956	804.33
CP 957	805.01
CP 958	799.96
CP 959	799.73
CP 960	802.14
CP 961	804.01
CP 962	816.09
CP 963	816.21
CP 964	814.27
CP 965	815.30
CP 966	813.39
CP 967	809.84
CP 968	809.38
CP 969	808.07
CP 970	808.32
CP 971	808.37
CP 972	803.26
CP 973	801.27
CP 974	804.34
CP 975	803.33
CP 976	816.36
CP 977	814.76
CP 978	801.22
CP 979	802.21
CP 980	803.40
CP 981	816.45
CP 982	817.91
CP 983	817.19
CP 1004	818.21
CP 1005	814.00
CP 1006	800.65
CP 1007	800.95
CP 1008	799.42
CP 1009	820.60
CP 1010	818.72

### LEGEND

- ELEC — ELECTRICAL LINE
- WATER — WATER LINE
- F — FIBER OPTIC LINE
- — MAIN ESCAPE ROUTE
- — SECONDARY ESCAPE ROUTE
- ELECTRIC SUBSTATION
- ELECTRICAL BOX
- TELEPHONE
- + — FIRST AID
- △ — LAG BOLT IN WALL
- ⊕ — SURVEY MARKER NAIL IN WALL
- — IRON PIPE IN WALL
- ⊗ — WOOD HUB IN GROUND
- ⊕ — DRILL STEEL MONUMENT IN WALL
- ⬇ 2013 — SURFACE CONTROL MONUMENT



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2015	252844.147	530263.468	707.19

SHEET NO. F-4

PROJECT NO.	CAD FILE	SURVEYED BY	DRAWN BY	APPROVED BY	NO.	DATE	REVISIONS	BY
18-0567	18-0567.dwg	TMH	TMH					
DATE	CRD FILE	SURVEY DATE	CHECKED BY	SCALE				
3/29/2018	18-0567.crd	3/29/2018	TMH	1"=100'				

WISCONSIN INDUSTRIAL SAND COMPANY, LLC  
A DIVISION OF FAIRMOUNTSANTROL  
MAIDEN ROCK, WISCONSIN  
CONTROL POINT LOCATION MAP

Healy Land Surveying  
P.O. Box 221  
Niagara, WI 54151  
Phone: 715-548-0566  
info@healysurveying.com

# AUGHLIN

BUFFER ZONE

# PINKE

BUFFER ZONE

EXISTING BUILDING 230' ± FROM NEAREST EXISTING TUNNEL

BUFFER ZONE

BUFFER ZONE

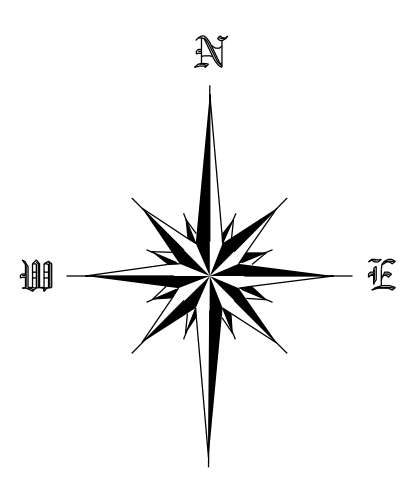
# ENBERG

# WISC

# DALEIDEN

### LEGEND

- ELEC ELECTRICAL LINE
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2015	252844.147	530263.468	707.19

SHEET NO. F-5

PROJECT NO.	CAD FILE	SURVEYED BY	DRAWN BY	APPROVED BY	NO.	DATE	REVISIONS	BY
18-0567	18-0567.dwg	TMH	TMH					
DATE	CRD FILE	SURVEY DATE	CHECKED BY	SCALE				
3/29/2018	18-0567.crd	3/29/2018	TMH	1"=100'				

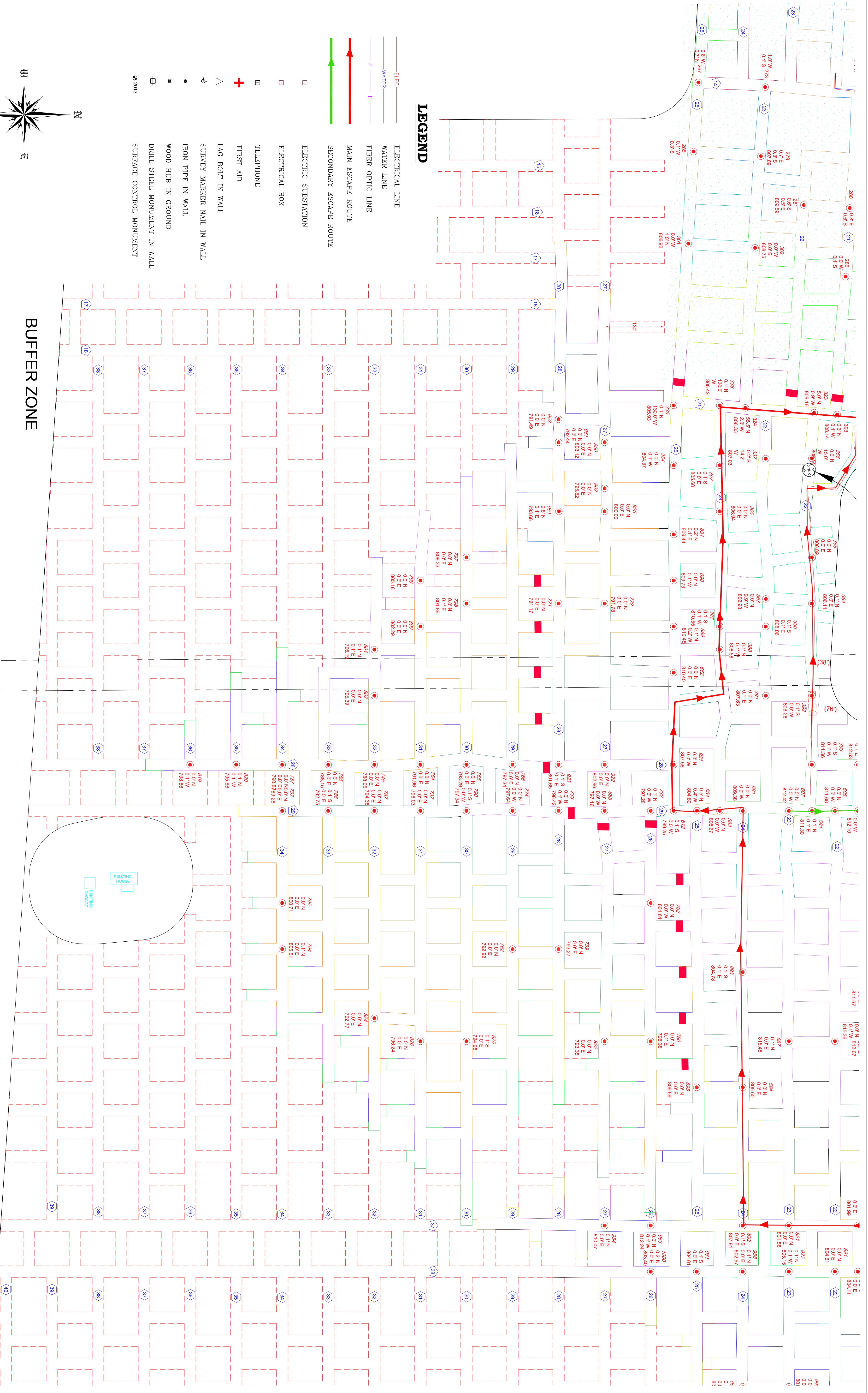
WISCONSIN INDUSTRIAL SAND COMPANY, LLC  
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 MAIDEN ROCK, WISCONSIN  
 CONTROL POINT LOCATION MAP

Healy Land Surveying  
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PIERCE COUNTY

BUFFER ZONE

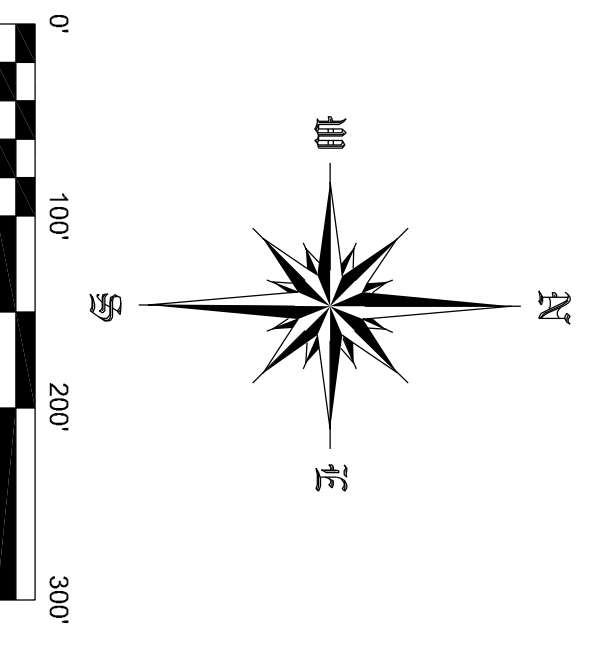




POINT	ELEV
CP 1001	816.45
CP 1002	817.91
CP 1003	817.19
CP 1004	818.21
CP 1005	814.80
CP 1006	800.65
CP 1007	800.95
CP 1008	799.42
CP 1009	820.60
CP 1010	818.72

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2011	257180.980	533532.589	1080.72
2012	258428.988	532977.032	895.76
2013	258461.458	531344.186	892.88
2014	257433.447	531344.186	892.88
2015	252844.147	530283.488	707.19



**LEGEND**

- ELECTRICAL LINE
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- MAIN ESCAPE ROUTE
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- IRON PIPE IN WALL
- WOOD HUB IN GROUND
- DRILL STEEL MONUMENT IN WALL
- SURFACE CONTROL MONUMENT

**BUFFER ZONE**

WISCONSIN INDUSTRIAL SAND COMPANY, LLC  
 A DIVISION OF FAIRMOUNTSANTROL  
 MAIDEN ROCK, WISCONSIN  
 CONTROL POINT LOCATION MAP

**HEALY**  
 LAND SURVEYING  
 Healy Land Surveying  
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 Phone: 715-548-0566  
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PROJECT NO. 18-0567  
 CAD FILE 18-0567.dwg  
 SURVEYED BY TMH  
 DRAWN BY TMH  
 APPROVED BY  
 NO. DATE REVISIONS BY

DATE 3/29/2018  
 CRD FILE 18-0567.crd  
 SURVEY DATE 3/29/2018  
 CHECKED BY TMH  
 SCALE 1"=100'

F-6  
 SHEET NO.