

City of Abbotsford

PO Box 589, 203 N. First Street, Abbotsford, WI 54405

City Hall (715) 223-3444

Fax (715) 223-8891

AGENDA FOR THE COUNCIL MEETING TO BE HELD

January 7, 2019 AT **6:00 PM**

IN THE COUNCIL CHAMBERS OF THE ABBOTSFORD CITY HALL
203 NORTH FIRST STREET, ABBOTSFORD WI

All items listed will be brought before the Abbotsford City Council for discussion and possible approval.

1. Call the regular meeting to order
 - a. Roll call
 - b. Pledge of Allegiance
2. Comments by the Mayor
3. Comments by the Public
4. Minutes from the Council held December 11, 2018
 - a. Waive the reading and approve the minutes
5. Municipal Court Update– Jessica Weich
6. Workhorse Demonstration – John Gasper
7. Closed Session – Pursuant to Section 19.85 (1)(g) Conferring with legal counsel for the governmental body who is rendering oral or written advice concerning strategy to be adopted by the body with respect to litigation in which it is or is likely to become involved. (Conditional Use Permit issued by Marathon County for mining in the Town of Holton)
8. Police Commission Update and bills
9. Fire Commission update
10. Minutes from Finance Committee - December 27, 2019
11. December Bills
12. Haas Payment Applications
13. TIF Reimbursement to the City of Abbotsford - \$711,731.86
14. Water Utility Repayment - \$501,652.95
15. CLEARAS Pilot Program
16. 2009 Payroll Issues – File a formal complaint with the Division of Criminal Investigations at the Wisconsin Department of Justice
17. Sewer Pipe Problems
18. Liquor License –
 - Amy Klivickis
 - Amber Czerniak
19. Dark Stores Resolution
20. Cell Tower Lease Approval
21. Room Tax Committee Appointment
22. Committee Meeting Dates – Next Council Feb 11, 2019
23. Communications – 2018 Continuing Annual Disclosure Report

Minutes from the December 11, 2018 Abbotsford City Council Meeting held in the Abbotsford City Hall Council Chambers.

Mayor Voss called the meeting to order at 6:00 p.m.

Roll Call: Mayor Voss, Anders, Horacek, Totzke, Clement, Faber, Weideman, Kramer (Huther-absent)

Others present: Administrator Grady, Kevin O'Brien (Tribune Phonograph),

Pledge of Allegiance: Held

Public Comments – No public comments

Comments by the Mayor: Michelle Albrecht has requested to be taken off of the Room Tax Committee due to a conflict of interest with part of her salary being paid for with Room Tax dollars. Mayor Voss stated that she intended to appoint Dave Henninger in her place.

Public Comments Pertaining to the Agenda: No public comments.

Minutes – Motion *by Kramer/Anders* to approve minutes of December 3, 2018 *Motion carried unanimously.*

TIF Revenue Funding Bond

Sean Lenz of Ehlers, Inc. began his presentation via teleconference.

The total revenue bond is for the amount of \$2,325,000 at a rate of 4.3%. The city will receive \$2,264,163.00 after bond issuance fees of \$60,838.00. The purchaser is Sunflower Public Finance, LLC of Greenwood Village, Colorado. Note payments run through 2028 with a total net interest payment of \$588,383.33. The total of payments and interest between the years 2019-2028 is \$2,913,383.00. The first year's payment is \$152,758 with the remaining year's payments averaging \$306,000.

Bond repayments are expected to be paid through the tax increment the city receives from TIF District 6-Amended. The 2019 tax receipts are to be \$383,483.00; 2020 receipts are \$441,034.00; with remaining receipts expected to be a ~\$500,000. It was noted that their TIF revenues do not include the new apartment buildings under construction on the former Schilling property and other future development.

The bond note includes a pre-payment option for the city at any time with 30 days' notice and any accrued interest. Partial pre-payments will be applied in inverse order of the principal payments due similar to a home mortgage loans.

The city agrees to make up any shortfall in TIF increment through the normal appropriation process. In addition, the city agrees not to use any TIF increment for any other purpose than

paying for the bond until the city deposits the yearly repayment in a special redemption fund sufficient to make the payment.

The city cannot take out any additional revenue bonds unless the remaining amount of TIF revenue available after depositing the payment for the current bond in the special redemption fund is equal to 1.5 times or more. In addition, the bonds must have principal due on October 1 of each year and interest due on April 1 and October 1 of each year.

The city is required to comply with all financial disclosure reporting required by the state of Wisconsin and provide a copy of the city's reporting to the lender.

Motion by Weideman/Kramer to approve Resolution Authorizing the Issuance and Sale of \$2,325,000.00 Tax Increment Revenue Bonds (TID #6) Series 2018A. *Roll Call – Anders -Aye, Horacek-Aye, Totzke-Aye, Clement-Aye, Faber-Aye, Weideman-Aye, Kramer-Aye. Motion passes 7-0.*

Amendment to Budget Resolution 2018-8

Administrator Grady explained that \$7016.02 in state revenue was not included in the budget that was previously passed. This revenue was a brand new payment from the state to make up for lost revenue caused by changes to the personal property tax. The city could, therefore, reduce the city levy by \$7016.02

Motion by Weideman/Horacek to approve budget amendment. *Roll Call – Anders -Aye, Horacek-Aye, Totzke-Aye, Clement-Aye, Faber-Aye, Weideman-Aye, Kramer-Aye. Motion passes 7-0.*

Alder Kramer left the meeting at 7:35pm

Amend the Inter-Loan Fund In The Amount of \$500,000 To Allow The City To Repay The Note When The TIF Proceeds Are Received.

Administrator Grady explained that when the TIF revenue bond proceeds were received that the city would be able to reimburse itself over \$700,000 for expenses already incurred. Because of the delays in receiving the proceeds the city may need a little additional time to repay the water utility.

Motion by Anders/Weideman to approve. *Unanimous.*

Motion to Adjourn – Motion by Anders/Horacek. *Unanimous.*

The City Council adjourned at 7:38PM. December 11, 2018.

Colby/Abbotsford Police Commission

**AGENDA FOR THE COLBY/ABBOTSFORD BOARD OF POLICE COMMISSIONERS
MEETING TO BE HELD
MONDAY, DECEMBER 10, 2018 AT 6:30 P.M.
AT THE COLBY/ABBOTSFORD POLICE DEPARTMENT
112 W SPRUCE STREET, ABBOTSFORD, WI 54405**

1. Call meeting to order
2. Roll call
3. Comments from the public
4. Minutes from November 12, 2018
5. Expenditures
6. 2018 Employee Christmas Gifts
7. Lexipol Language Update
8. SRO Report
9. Chief's report
10. Meeting date for January
11. Adjourn

Posted: December 7, 2018

**City Council members may attend the above committee meeting for information-gathering purposes. If a quorum of Council members should appear at this Commission meeting, a regular Council meeting may take place for the purpose of gathering information on an item listed on this Commission agenda. If such a meeting should occur, the date, time, and location of the Council meeting will be that of this Commission as listed on the Commission agenda.*

Upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities. Please contact the City Clerk's Office at (715) 223-4435 with as much advance notice as possible.

November 30, 2018 FINANCIAL STATEMENT-POLICE DEPT

Beginning Balance		\$ 210,268.49
Receipts received in Nov		
City of Colby	\$ 29,452.84	
City of Abbotsford	\$ -	
Reports	\$ 54.00	
Interest	\$ 105.23	
Temporary Plates	\$ 218.00	
Lockouts	\$ 30.00	
Marathon Co Treas-Anti Meth Reimburse	\$ 200.81	
Xfer for K9 purchases	\$ -	
Total Receipts		\$ 30,060.88

Disbursements-Nov		
Net Payroll	\$ 25,672.10	
SS, FWH, WI Pmts.	\$ 10,026.34	
Union Dues	\$ 292.60	
Wages Payable	\$ 369.22	
State Retirement-Dept. Share	\$ 6,386.52	
Deferred Comp.	\$ -	
Auto Fuel	\$ 1,436.93	
Internet	\$ 69.99	
Telephone	\$ 391.95	
Heat	\$ -	
Electric	\$ 361.00	
Water	\$ 66.73	
Liability Insurance	\$ -	
Health Insurance	\$ 9,621.88	
Dental Insurance	\$ 664.20	
Worker's Compensation	\$ -	
Auto Insurance	\$ -	
Radio Maintenance	\$ -	
Auto Maintenance	\$ 1,694.93	
Clothing	\$ 276.11	
Training	\$ 195.00	
Office Supplies	\$ 482.77	
Janitorial Supplies	\$ -	
Copies	\$ -	
Radar Certification	\$ 160.00	
Miscellaneous	\$ 485.69	
Exp from Grant/Plate Fnd/Misc	\$ -	
Computer Software Maintenance	\$ -	
Air Cards	\$ 50.00	
Computer Maintenance	\$ 1,770.99	
Office Equipment Maintenance	\$ -	
Building Maintenance	\$ -	
Equipment	\$ -	
Equipment Transfers	\$ -	
Investigations	\$ 270.00	
Drug Dog	\$ 261.98	
Audit	\$ -	
Legal	\$ -	
Time System	\$ 234.00	
Auto Purchase	\$ -	
Auto Fund	\$ -	
Clothing-Vests	\$ -	
Department Policies	\$ -	

Total Disbursements		\$ 61,240.93
		\$ 179,088.44

Trans Detail Ending Balance 10/31/18	\$ 179,088.44
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Designated Funds		
Checking Fund Balance as of 11/30/18		\$ 179,088.44
Auto Fund	\$33,578.78	
Sick Leave Accum. Retirement fund	\$ 14,495.70	
TOTAL Designated Funds		\$ 48,074.48
TOTAL Working Cash		\$ 131,013.96

Canine Account	\$ 14,286.00
Metal Plate Fund	\$ 16,626.42
Petty Cash Checking	\$ 100.00

Colby/Abbotsford Police Commission Meeting

November 12, 2018

6:30 P.M.

The Colby/Abbotsford Police Commission (CAPC) meeting was called to order by President Todd Schmidt at 6:30 p.m. at the Colby/Abbotsford Police Department (CAPD). Members present were: Todd Schmidt, Dan Hederer, Randy Hesgard, Roger Weideman & Jeremy Totzke. Dennis Kramer was absent. Also present were: Chief Jason Bauer, Colby Deputy Clerk/Treasurer Jessie Polivka, Abbotsford Mayor Lori Voss, Colby Mayor Jim Schmidt, Kevin O'Brien-Tribune Phonograph & Jenny Jochimsen-Abbotsford library director.

Public Comment: Jenny Jochimsen thanked the CAPD officers for their help at the Abbotsford Public Library. The library has been having issues with teens misbehaving.

Minutes from the October 8, 2018 meeting: Motion was made by Hederer, seconded by Hesgard to approve the minutes from the October 8, 2018 meeting as presented. Motion carried with a voice vote.

Expenditures: Motion was made by Hesgard, seconded by Hederer to approve the expenditures as presented in the amount of \$20,372.12. Motion carried with a voice vote.

2019 Health Insurance Renewal: Chief Bauer presented the 2019 Health Insurance Renewal options to the CAPC. The current Security Health Plan with no changes would be renewed with a 3.8% increase, increasing the monthly premium to \$9,869.68. A second option would keep the same health care plan but increase the deductible amounts to \$2,500 for a single plan and \$5,000 for a couple/family plan. The current deductible rates are \$2,000 for a single plan and \$4,000 for a couple/family plan. The cost for that option would decrease the renewal by 4.10%, decreasing the monthly premium to \$9,116.27. Chief Bauer suggested increasing the deductible amount to save on the cost of the monthly premium. Even if every person on the health care plan used their deductible the department would still save money. President Schmidt noted the total expenditure is less than the amount approved in the 2019 budget.

Motion was made by Hederer, seconded by Weideman to approve the 2019 health insurance renewal (Option 1) as presented, increasing the deductible amount to \$2,500 for a single plan and \$5,000 for a couple/family plan. Motion carried with a voice vote.

Sell 2004 Volvo: The CAPD is currently the owner of a 2004 Volvo which was obtained when the owner of the vehicle forfeited the vehicle to the CAPD during a drug bust. Chief Bauer would like the CAPC's permission to sell the vehicle on Wisconsin Surplus Online. Bauer stated a window must be fixed before listing the vehicle for sale. Hederer suggested selling the vehicle as is. Proceeds from the sale of the Volvo will be placed in the auto replacement fund.

Motion was made by Weideman, seconded by Hederer to approve the sale of the 2004 Volvo on Wisconsin Surplus Online. Motion carried with a voice vote.

Chief's Report: Chief Bauer reported on the K9 activity for the month of October. He said there were 12 total activities and two arrests. Bauer gave an update of the computer server project, stating the installation should be completed by November 13. Bauer said the CAPD is receiving less complaints having the SRO officer in the schools. The meeting with the Board of Training and Standards will be December 5 to find out if they will grant Officer Patrick Leichtnam a waiver so he doesn't have to go through the recruit

academy again in the Summer of 2019. If they do not approve the waiver, he must attend the recruit academy to become recertified as a police officer. President Schmidt asked the CAPC members if they were OK with him writing a letter in support of Officer Leichtnam; all were in favor of him writing the letter.

Meeting date for December: The next CAPC meeting will be held on Monday, December 10, 2018 at 6:30 p.m. at the CAPD.

Motion was made by Hederer, seconded by Hesgard to convene to closed session per State Statute 19.85 (1) (c) considering employment, promotion, compensation or performance evaluation date of any public employee over which the governmental body has jurisdiction or exercises responsibility for the purpose of interviews for the lieutenant position, inviting Mayor Schmidt, Mayor Voss and Chief Bauer to participate. Roll Call Vote: Hesgard-yes, Hederer-yes, Schmidt-yes, Weideman-yes, Tutzke-yes. Noes- None.

Action from closed session: Motion was made by Hederer, seconded by Hesgard to reconvene in open session at 7:50 p.m. Roll Call Vote: Hesgard-yes, Hederer-yes, Schmidt-yes, Weideman-yes, Tutzke-yes. Noes- None. It was noted that Mayor Schmidt left the closed session at 7:21 p.m. Motion was made by Hesgard, seconded by Hederer to recommend to the Colby and Abbotsford city councils at their respective meetings in December the appointment of Officer Alex Bowman to the position of lieutenant, with the duties to begin January 1, 2019. Motion carried with a voice vote.

Meeting adjournment: Motion was made by Hederer, seconded by Tutzke to adjourn at 7:54 p.m. Motion carried with a voice vote.

12/04/2018 10:23 AM

Reprint Payroll Register Full
All Employees

Page: 19
PAYRL

Check Date From: 11/01/2018
Thru: 11/30/2018

From Dept:
Thru Dept:

Total Checks: 20 Pay Periods: 10/21/2018 Thru: 11/18/2018
(Male: 16 Female: 4)

Earnings:

Regular Pay	34,918.18	1,448.00	Hours
Overtime Pay	993.50	27.00	Hours
INSURANCE	1,050.00		
NIGHT SHIFT	394.00		
ON CALL	102.53		

	37,458.21		

Withholdings:

Federal	2,821.72
Social Security	2,198.34
Medicare	514.15
Wisconsin	1,779.64
CHILD SUPPORT	369.22
HEALTH INS.	2,000.86
OTHER DEDUCTION	0.00
UNION DUES	292.60
WRS Contrib.	1,809.58

	11,786.11

NET PAY 25,672.10

Flexible Time Off: Earned Used

		Fund: All Funds				
Account Number		2018 November	2018 Actual 11/30/2018	2018 Budget	Budget Status	% of Budget
500-00-43001-000-000	CITY OF COLBY	29,452.84	323,981.24	353,434.00	-29,452.76	91.67
500-00-43002-000-000	CITY OF ABBOTSFORD	0.00	359,978.30	431,974.00	-71,995.70	83.33
500-00-43003-000-000	REPORTS	54.00	437.50	201.00	236.50	217.66
500-00-43004-000-000	EARNED INTEREST	105.23	1,416.10	0.00	1,416.10	0.00
500-00-43005-000-000	OTHER INCOME - TEMP PLATE	218.00	1,830.00	1,000.00	830.00	183.00
500-00-43005-410-000	OTHER INCOME - LOCKOUT	30.00	650.00	300.00	350.00	216.67
500-00-43005-412-000	CARRYOVERS	0.00	0.00	2,000.00	-2,000.00	0.00
500-00-43005-413-000	OTHER INCOME - GRANTS	0.00	4,135.68	1,120.00	3,015.68	369.26
500-00-43005-414-000	OTHER INCOME - MISCELLANEOUS	200.81	3,492.22	1,000.00	2,492.22	349.22
500-00-43005-415-000	DONATION INCOME - DRUG DOG	0.00	1,714.11	2,500.00	-785.89	68.56
500-00-43005-416-000	METAL PLATE INCOME	9,485.28	102,100.54	105,000.00	-2,899.46	97.24
Total Revenues		39,546.16	799,735.69	898,529.00	-98,793.31	89.00

Fund: All Funds

Account Number		2018	2018	2018	Budget Status	% of Budget
		November	Actual 11/30/2018	Budget		
500-00-51001-000-000	SALARIES	36,408.21	429,050.55	448,187.00	19,136.45	95.73
500-00-51002-000-000	FUEL	1,436.93	15,811.66	22,500.00	6,688.34	70.27
500-00-51002-001-000	INTERNET	69.99	769.89	1,000.00	230.11	76.99
500-00-51003-000-000	TELEPHONE	391.95	3,976.40	3,960.00	-16.40	100.41
500-00-51003-001-000	HEAT	0.00	1,933.56	2,500.00	566.44	77.34
500-00-51003-002-000	ELECTRIC	361.00	4,644.23	6,000.00	1,355.77	77.40
500-00-51003-003-000	WATER	66.73	710.20	800.00	89.80	88.78
500-00-51004-000-000	LIABILITY INSURANCE	0.00	5,497.00	5,389.00	-108.00	102.00
500-00-51004-407-000	HEALTH INSURANCE	8,671.02	109,544.32	119,000.00	9,455.68	92.05
500-00-51004-408-000	INSURANCE - DENTAL	664.20	7,306.20	8,974.00	1,667.80	81.42
500-00-51004-409-000	WORKMEN'S COMPENSATION	0.00	12,073.00	13,200.00	1,127.00	91.46
500-00-51004-411-000	AUTO INSURANCE	0.00	2,668.38	2,400.00	-268.38	111.18
500-00-51005-000-000	RADIO MAINTENANCE	0.00	0.00	575.00	575.00	0.00
500-00-51006-000-000	AUTOMOBILE MAINTENANCE	1,694.93	8,439.99	6,000.00	-2,439.99	140.67
500-00-51007-000-000	CLOTHING ALLOWANCE	276.11	3,592.63	4,200.00	607.37	85.54
500-00-51008-000-000	SOC.SEC.(EMPLOYER SHARE)	2,712.49	31,781.32	34,396.00	2,614.68	92.40
500-00-51009-000-000	TRAINING	195.00	4,016.19	5,120.00	1,103.81	78.44
500-00-51010-000-000	OFFICE SUPPLIES	482.77	3,352.51	3,600.00	247.49	93.13
500-00-51010-005-000	JANITORIAL SUPPLIES	0.00	483.83	400.00	-83.83	120.96
500-00-51011-010-000	RADAR MAINTENANCE & REPAIR	0.00	0.00	350.00	350.00	0.00
500-00-51011-020-000	RADAR CERTIFICATION	160.00	320.00	320.00	0.00	100.00
500-00-51012-000-000	MISCELLANEOUS EXPENSE	485.69	3,168.77	3,000.00	-168.77	105.63
500-00-51013-000-000	STATE RETIREMENT-DEPT SHARE	4,477.51	53,228.61	54,720.00	1,491.39	97.27
500-00-51016-000-000	COMPUTER SOFTWARE MAINTENANCE	0.00	5,528.00	5,528.00	0.00	100.00
500-00-51016-001-000	MOBILE DATA (AIR CARDS)	50.00	556.77	1,100.00	543.23	50.62
500-00-51017-000-000	COMPUTER MAINTENANCE	1,770.99	2,968.74	4,900.00	1,931.26	60.59
500-00-51017-001-000	OFFICE EQUIPMENT MAINTENANCE	0.00	270.00	250.00	-20.00	108.00
500-00-51017-002-000	BUILDING MAINTENANCE	0.00	489.81	1,200.00	710.19	40.82
500-00-51018-000-000	EQUIPMENT	0.00	12,657.68	9,000.00	-3,657.68	140.64
500-00-51018-001-000	EQUIPMENT TRANSFERS	0.00	0.00	2,500.00	2,500.00	0.00
500-00-51019-000-000	INVESTIGATIONS	270.00	4,136.62	4,000.00	-136.62	103.42
500-00-51019-001-000	DRUG/SEARCH DOG	261.98	2,082.75	2,500.00	417.25	83.31
500-00-51021-000-000	LEGAL	0.00	0.00	2,000.00	2,000.00	0.00
500-00-51022-000-000	TIME SYSTEM	234.00	936.00	1,320.00	384.00	70.91
500-00-51023-000-000	AUTO PURCHASE	0.00	5,209.39	0.00	-5,209.39	0.00
510-00-51023-000-000	AUTO PURCHASE	0.00	0.00	13,200.00	13,200.00	0.00
500-00-51025-000-000	CLOTHING-VESTS	0.00	0.00	1,500.00	1,500.00	0.00
500-00-51028-000-000	METAL PLATE FEES & PURCHASES	8,541.78	96,243.81	100,000.00	3,756.19	96.24
500-00-51029-000-000	DEPARTMENT POLICIES	0.00	3,119.00	2,940.00	-179.00	106.09
500-00-57001-000-000	AUTO FUND	0.00	30,010.50	0.00	-30,010.50	0.00
Total Expenses		69,683.28	866,578.31	898,529.00	31,950.69	96.44
Net Totals		-30,137.12	-66,842.62	0.00	66,842.62	0.00

12/07/2018 12:07 PM

Check Register - Full Report - ALL

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ALL Checks

ACCT

POLICE CHECKING NOW

Dated From:

From Account:

Thru:

Thru Account:

Check Nbr	Check Date	Payee	Amount
			Total 114.39
12808	12/10/2018	COMPLETE OFFICE OF WISCONSIN PENS	
500-00-51010-000-000		OFFICE SUPPLIES 975566	27.98
			Total 27.98
12809	12/10/2018	COMPUTER TR INC. NEW COMPUTERS AND SERVER	
500-00-51017-000-000		COMPUTER MAINTENANCE 11560	16,903.50
500-00-51017-000-000		COMPUTER MAINTENANCE 11561	6,626.00
			Total 23,529.50
12810	12/10/2018	DALCO JANITORIAL SUPPLIES	
500-00-51010-005-000		JANITORIAL SUPPLIES 3382932	125.89
			Total 125.89
12811	12/10/2018	DELTA DENTAL OF WISCONSIN DECEMBER PREMIUMS	
500-00-51004-408-000		INSURANCE - DENTAL DEC 1231865	664.20
			Total 664.20
12812	12/10/2018	FOURMENS FARM HOME-COLBY PAINT, BATTERIES, SCREWS, FUSES	
500-00-51012-000-000		MISCELLANEOUS EXPENSE	37.57
			Total 37.57
12813	12/10/2018	HOLIDAY COMMERCIAL NOVEMBER FUEL	
500-00-51002-000-000		FUEL NOV	554.15
			Total 554.15

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Check Register - Full Report - ALL

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ALL Checks

ACCT

POLICE CHECKING NOW

Dated From:

From Account:

Thru:

Thru Account:

Check Nbr	Check Date	Payee	Amount
12814	12/10/2018	KWIK TRIP INC	
		NOVEMBER FUEL	
500-00-51002-000-000		FUEL	952.16
		NOV	
			Total
			952.16
12815	12/10/2018	MEMORIAL MEDICAL CENTER	
		BLOOD DRAW	
500-00-51019-000-000		INVESTIGATIONS	75.00
		16638C13496	
			Total
			75.00
12816	12/10/2018	NICOLET NATIONAL BANK	
500-00-51010-000-000		OFFICE SUPPLIES	35.61
500-00-51007-000-000		CLOTHING ALLOWANCE	719.13
500-00-51019-000-000		INVESTIGATIONS	202.10
500-00-51018-000-000		EQUIPMENT	39.95
500-00-51009-000-000		TRAINING	268.69
500-00-51002-000-000		FUEL	55.20
			Total
			1,320.68
12817	12/10/2018	PROVISION PARTNERS	
		FUEL	
500-00-51002-000-000		FUEL	36.00
		NOV	
			Total
			36.00
12818	12/10/2018	SECURITY HEALTH PLAN	
		JANUARY PREMIUMS	
500-00-51004-407-000		HEALTH INSURANCE	9,895.18
		JAN	
			Total
			9,895.18
12819	12/10/2018	SHOPKO STORES	
		USB	

12/07/2018 12:07 PM

Check Register - Full Report - ALL
ALL Checks
POLICE CHECKING NOW

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ACCT

Dated From:
Thru:

From Account:
Thru Account:

Check Nbr	Check Date	Payee	Amount
500-00-51010-000-000		OFFICE SUPPLIES	16.99
Total			16.99
12820 12/10/2018 TEN STARR AUTO BODY & DETAIL FIX WINDOW ON VOLVO FOR SALE			
500-00-51006-000-000		AUTOMOBILE MAINTENANCE	290.77
Total			290.77
12821 12/10/2018 TITAN PUBLIC SAFETY SOLUTIONS, LLC MOVE DATABASES TO NEW SERVER			
500-00-51017-000-000		COMPUTER MAINTENANCE	300.00
		MOVE DATABASES TO NEW SERVER 4512	
Total			300.00
12822 12/10/2018 URBINA, ALEJANDRO INTERPRETER			
500-00-51019-000-000		INVESTIGATIONS	60.00
		11/18, 1AM-1:30AM	
Total			60.00
12823 12/10/2018 WE ENERGIES 9/12-11/12			
500-00-51003-001-000		HEAT	312.04
		9/12-11/12	
Total			312.04
12824 12/10/2018 XCEL ENERGY 10/17-11/17			
500-00-51003-002-000		ELECTRIC	401.63
		10/17-11/17	
Total			401.63
12825 12/10/2018 ZEMPLE - BATTERIES PLUS BATTERIES			
500-00-51012-000-000		MISCELLANEOUS EXPENSE	117.98
		P8367494	
Total			117.98

Grand Total 39,753.88

COLBY-ABBY POLICE
BANK RECONCILLIATION ACCT# 4001940

10/31/2018

Outstanding Checks			
No.	Amount	No.	Amount
	DMV	612.50	
	CVR	345.50	

Balance per Bank	17,584.42
Less Outstanding	958.00

Plus deposit in Transit	
Adjusted bank balance	<u><u>\$ 16,626.42</u></u>

Beginning Balance per general	15,682.92
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Deposits:

	6,270.03
	3,207.75
9,485.28 -JE	
Interest	7.50

Checks written:

DMV	8,196.28
CVR	345.50
8,541.78 -JE	

Other:

Balance per General Ledger	<u><u>\$ 16,626.42</u></u>
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**Central Fire & EMS District Meeting Minutes
December 20, 2018 – 7:00 p.m.
Station 1 – Colby Fire Hall**

Call to order:

The December 20, 2018 meeting of the Central Fire & EMS District was called to order by President Larry Oehmichen at 7:00 p.m.

Meeting posted per statute

Roll Call:

City of Abbotsford, Roger Weideman; City of Colby, Nancy O'Brien; Town of Colby, Larry Oehmichen; Town of Holton, Pat Tischendorf; Town of Hull, Leonard Haas; Township of Mayville, Todd Weich; Village of Dorchester, Lysie Hardrath.

November 15, 2018 and November 29, 2018 meeting minutes:

A motion was made by Todd Weich, second by Roger Weideman to waive the reading of the minutes and approve as written. Motion carried.

Nancy O'Brien, District Treasurer's report:

A motion was made by Pat Tischendorf, second by Leonard Haas to accept the Treasurer's report as presented. Motion carried.

Bills for payment:

A motion was made by Todd Weich, second by Roger Weideman to pay the bills totaling \$30,158.52 as presented. Motion carried.

Public discussion:

Jim Schmidt addressed the Board regarding the fire hall rent payable in 2019. Larry Oehmichen stated that this is a line item in the 2019 budget.

Review and possible extension of duty crew:

Discussion was held on extending the duty crew for the District. A motion was made by Pat Tischendorf, second by Nancy O'Brien to extend the duty crew through 2019. Motion carried 6-0 with Lysie Hardrath abstaining from the vote.

2018 budget adjustment:

Larry Oehmichen discussed Resolution 1-2018 Approving Amendments to the 2018 Budget reallocating certain expenditures as per Wisconsin Statutes that no appropriations may remain over expended at year end within the annual budget. A motion was made by Todd Weich, second by Nancy O'Brien to approve Resolution 1-2018. Motion carried.

DNR Grant – 2018:

Fire Chief Joe Mueller updated the Board on the DNR grant that was approved previously.

District insurance policy, premium due 1/1/19:

Kevin Malovrh presented the 2019 insurance policy for the District. A motion was made by Pat Tischendorf, second by Lysie Hardrath to pay ½ of the VFIS package renewal premium in the amount of \$8,437. Motion carried.

A motion was made by Nancy O'Brien, second by Roger Weideman to pay the Worker Compensation policy in the amount of \$7,642. Motion carried.

CPR manikin requirement/changes effective 1/31/19:

Nick Hansen presented information to the Board on the new requirements effective 1/31/19 and mandated by the American Heart Association regarding CPR instruction. New CPR manikins, workbooks and supplies were presented with "Option A" including new manikins at a cost of \$2,446.34 and "Option B" with wrist monitors at a cost of \$1,767.77. A motion was made by Todd Weich, second by Roger Weideman to purchase "Option A" totaling \$2,446.34. Motion carried.

Fire Chief's report:

Fire Chief Joe Mueller presented his monthly report (see attached):

Next meeting date:

The next regular meeting of the Central Fire & EMS District was scheduled for January 17, 2019 at Station 3 – Dorchester Fire Hall beginning at 7:00 p.m.

There being no further business, a motion was made by Pat Tischendorf, second by Todd Weich to adjourn at 8:12 p.m. Motion carried.

Respectfully submitted,
Carol Staab, Secretary

**Central Fire & EMS District Monthly Chief's Report
November 13 2018- December 18, 2018**

Calls for service:

EMS:	69
Fire:	4
Rescue:	0
Stand-by	0
Total	73

1. Traffic safety training December 5th
2. Tour TP Printing
3. Christmas gathering at Station #2
4. ISO maps
5. Redid the MABAS cards

Ambulance calls by time of Day November 13 2018-December 18th

Monday-Friday 0700-1700 (duty crew) 31 calls

Monday- Friday 1700-0700 23 calls

Saturday/Sunday 16 calls

Total EMS Calls for this period 69 calls

Total EMS Calls for 2018 708 calls

Minutes from the City of Abbotsford Finance Committee meeting held Monday December 27, 2018 in the Abbotsford City Council Chambers.

The meeting was called to order at 2:00 p.m.

Roll Call: Anders, Faber, Kramer, Horacek, and Mayor Voss

Also present: Administrator Grady, Water/Waste Water Manager Medenwaldt, and Kevin O'Brien (Tribune Phonograph)

Pledge of Allegiance: Held

Comments by the Chair: None

Public Comments Pertaining to Agenda: None

Approve Minutes from the

Discuss/recommend:

December bills – Chairman Anders questioned the amounts of the fuel bills from Cliffs. A clarification was asked about the Carbonite bill. Administrator Grady explained that it was a yearly charge for the backup of the server.

Motion by *Kramer/Horacek* to approve the December bills in the amount of \$206,710.38.
Unanimous.

Supplemental December Bills – Motion by *Horacek/Kramer* to approve supplemental December bills.

TIF Reimbursement to the City of Abbotsford in the amount of \$711,731.86. – Administrator Grady explained that the City spent \$737,674.31 in TIF related expenses in 2018 and that \$711,731.86 was reimbursable with proceeds from the TIF Revenue Bond. Motion by *Faber/Horacek* to approve using TIF bond proceeds to reimburse the city treasury in the amount of \$711,731.86. *Unanimous.*

Repay water Inter-Governmental loan to the Water Utility in the amount \$500,000 plus \$1,652.95 in interest using funds that the city was reimbursed for TIF expenses. Motion by *Kramer/Horacek* to approve. *Unanimous.*

Forensic Audit of Missing Funds from 2016 and 2017 – it was decided that the City Council had already approved seeking a forensic audit. The committee instructed Administrator Grady to seek proposals from accounting firms and the various UW Universities.

Clearas Pilot Study – Water/Waste Water Manager Medenwaldt explained that this pilot program is being proposed to find out if the Clearas system will effectively remove phosphorus and copper city’s wastewater effluent. The city currently has a phosphorus variance permit that was issued in November 2017. This variance is valid until the DNR releases new discharge levels.

The city’s phosphorus discharge currently averages 170 ug/l. It is expected that the new limits will be approximately 50-75 ug/l. The copper discharge is currently 25 ug/l and the upper limit is 22 ug/l. The city needs to have a copper discharge plan in place by April 2021.

The Clearas system is a biological based nutrient removal system. It grows algae which uses phosphorus and copper as some of its food sources for growth. The algae can then be physically removed thereby removing the phosphorus and copper from the wastewater effluent.

The algae can then be dried and sold. There are various markets for the dried algae including food for fish farms and bio-diesel production. Administrator Grady contacted the Village of Roberts, Wisconsin, which has the waste water treatment plant that Abbotsford was based upon. The Village of Roberts faced issues similar to Abbotsford and was required to come up with a solution. The Village of Roberts purchased the Clearas system and are expecting to get about \$.75/lb on 500 lbs/day. During their pilot program, Roberts saw significant decreases in copper and phosphorus levels close to 0 ug/l.

Recently, Rib Mountain and Cambria held pilot tests. In addition, the city of Beaver Dam recently settled a dispute with the DNR regarding phosphorus discharge flowing into the Beaver Dam river by agreeing to study with Clearas.

Chairman Anders questioned what the city would do if the study took longer than a week and cost up to an additional \$5000.00. Water/Waste Water Manager Medenwaldt assured the committee that the pilot would only take a week. Administrator Grady suggested that since there would likely not be enough time to approve any additional expenses that the Administrator be authorized to approve any additional cost with consultation of the Mayor and President of the Council.

The committee agreed to the pilot as long as the city retains any data. Water/Waste Water Manager Medenwaldt assured the committee that the city would be able to retain the data collected.

Motion by *Horacek/Kramer* approve the pilot study under the condition that the city is able to retain the data collected and that any additional costs be approved by the Administrator in consultation with the Mayor and President of the City Council. *Unanimous*

Create a Separate Bank Account for the TIF Revenue Loan Payments – Motion by *Faber/Horacek* to approve. *Unanimous*

Create a Separate Bank Account for Room Tax Revenue – Administrator Grady explained that the purpose of this was allow the Room Tax Committee to easily track their revenue and expenses. Motion by *Horacek/Kramer* to approve. *Unanimous*

Noon Siren Repairs- At the December 3, 2018 City Council meeting Battalion Chief Austin stated the noon siren was no longer working properly. The problem does not affect the storm sirens sounded by the county during inclement weather. Battalion Chief Austin solicited a bid for repairs and the bid came in at \$2,625.00. Motion by *Faber/Horacek* to not make the repair the noon siren. *Unanimous*.

Property Taxes – Due to the incorrect amounts for property taxes on the Clerk County web site some residents have been overpaying their taxes due. The city is immediately processing refunds.

Administrator Grady stated that some may have noticed a higher increase in the percentage of property taxes that residents in Marathon County pay. This is because almost all of the total equalized value increase in the city last year was in Marathon County. As such, Marathon County had a greater share of the city tax levy. Administrator Grady noted that as equalized value in the city increases the proportion in equalized value that property owners in each county pays will go up and down each year.

City Email Issues – Administrator Grady explained that the current email server is insufficient for or current needs. Each email account does not have enough memory for long term storage of emails. As a result, some users are not getting emails because their “mailboxes are full.” In addition, due to the small sizes of the mailboxes and limited records retention the city is unable to comply with all open records requests. Administrator Grady would like to get larger email boxes for employees. The cost would start at \$60/year per user. Motion by *Kramer/Faber* to approve. *Unanimous*

Nursing Home CD – The city has a little over \$46,000 in a CD entitled Nursing Home. The money is unrestricted and can be used for any purpose. The committee discussed numerous options including purchasing new software, funds capital improvements, and paying down debt. The committee decided to table the discussion and see if Civics is able to make a presentation to the City Council.

Digitizing the Code of Ordinances – Administrator Grady informed the committee that Alan Harvey is in the process of providing the city with an updated version of the city code, both written and digital.

Clerk/Treasurer Training – Ald. Anders discussed the need for the new Administrator/Clerk/Treasurer to be brought up to speed on all facets of his job duties. The committee felt that the program offered by the University of Wisconsin – Green Bay would be appropriate. Motion by *Kramer/Horacek* to send the Administrator/Clerk/Treasurer to the University of Wisconsin Clerk/Treasurer program for 1 year. *Unanimous*.

Administrator Training – Administrator Grady stated that former Interim Administrator Gau is in the process of putting together a training program for all of the new Administrators in Central Wisconsin. Administrator Grady would report back to the committee after hearing more details. The committee agreed to table the issue until more information is available.

2009 Payroll Issues – Possible Complaint to the Department of Justice - The committee discussed the issues related to improper payroll payments and payment to Wisconsin Retirement System. The Committee discussed whether it would cost the city any money and the general consensus was that it would be the city only staff time. Motion by *Faber/Kramer* to file a complaint with the Division of Criminal Investigations for the Wisconsin Department of Justice in Eau Claire, WI. *Unanimous*.

Discuss/recommend convene into closed session pursuant to Wisconsin Statute (S.) 19.85 (1)(c) for the purpose of considering the employment, promotion, compensation or performance evaluation data of any public employee over which the governmental body has jurisdiction or exercises responsibility, specifically to discuss annual review data, compensation and benefits related to annual performance reviews of City Employees.

Motion by *Horacek/Kramer* to enter closed session. Horacek – aye, Faber – aye, Kramer – aye, Anders – aye The Committee entered closed session at 3:39pm.

Motion by *Faber/Kramer* to come into open session. Horacek – aye, Faber – aye, Kramer – aye, Anders – aye The Committee entered open session at 3:47pm.

The committee took no action on the closed session.

Motion by *Kramer/Horacek* to adjourn. *Unanimous*. The committee adjourned at 3:48pm on December 27, 2018.

COMBINED CHECKING ACCOUNT

Dated From: From Account:
 Thru: Thru Account:

Check Nbr	Check Date	Payee	Amount
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29932	12/21/2018	ABBOTSFORD HIGH SCHOOL AGRICULTURE DEPARTMENT POINSETTIA'S	
400-00-55155-000-000		PROGRAMING & SPECIALS POINTSETTAS FOR LIBRARY PROGRAM	60.00
			Total 60.00
<hr/>			
29933	12/21/2018	ABBY COUNTY MARKET DELI - LIBRARY	
400-00-55155-000-000		PROGRAMING & SPECIALS DELI	253.95
		70422	
			Total 253.95
<hr/>			
29934	12/21/2018	ABT MAILCOM NOVEMBER SHIP DATE	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE NOVEMBER PROCESSING & POSTAGE	266.83
		32567	
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE NOVEMBER PROCESSING & POSTAGE	266.83
		32567	
			Total 533.66
<hr/>			
29935	12/21/2018	ADVANCED DISPOSAL NOVEMBER 2018	
100-00-53631-013-000		RECYCLING - PROFESSIONAL SERV NOVEMBER GARBAGE DISPOSAL	2,542.89
		M1005127	
100-00-53630-012-000		GARBAGE COLL-PROFESSIONAL SERV NOVEMBER GARBAGE	5,060.26
		M1005127	
			Total 7,603.15
<hr/>			
29936	12/21/2018	ARAMARK CLOTHES	
100-00-53311-013-006		PUBLIC WORKS - UNIFORMS CLOTHI CLOTHES	2.00
		1788461351	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE CLOTHES	2.00
		1788461351	
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE CLOTHES	1.07
		1788461351	
100-00-53311-013-006		PUBLIC WORKS - UNIFORMS CLOTHI CLOTHES	38.14
		1788466136	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE CLOTHES	12.07
		1788466136	

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Dated From:

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Check Nbr	Check Date	Payee	Amount
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE	11.59
		CLOTHES 1788466136	
100-00-53311-013-006		PUBLIC WORKS - UNIFORMS CLOTHI	38.14
		CLOTHES 1788470814	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	12.07
		CLOTHES 1788470814	
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE	11.59
		CLOTHES 1788470814	
Total			128.67

29937 12/21/2018 ASSOCIATED APPRAISAL CONSULTANTS INC
DECEMBER 2018

100-00-51510-000-000		GENERAL ADMIN-ASSESSOR	925.00
		DECEMBER SERVICES 137501	
Total			925.00

29938 12/21/2018 AUTO WASH SUPPLIES CO.
AWI-HD 15 GAL STEP 1 & 2

100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	240.00
		AW1-HD STEP 1 & 2 34813	
Total			240.00

29939 12/21/2018 BAKER & TAYLOR
BOOKS

400-00-55150-000-000		BOOKS	156.16
		BOOKS 2034137103	
400-00-55150-000-000		BOOKS	100.31
		BOOKS 2034124401	
Total			256.47

29940 12/21/2018 BAKER & TAYLOR
BOOKS

400-00-55150-000-000		BOOKS	192.18
		BOOKS 2034156864	
Total			192.18

29941 12/21/2018 BAUERNFEIND
COST ANNUAL PER PAGE COLOR COPY

400-00-55156-000-000		EQUIPMENT	436.00
		COPY BASE CHARGE 76402	

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Dated From:

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Check Nbr	Check Date	Payee	Amount
400-00-55152-000-000		OFFICE & COMPUTER	555.97
		B/W AND COLOR COPY CHARGE	76507
Total			991.97

29942 12/21/2018 CELLCOM WAUSAU
SERVICE FROM 11/24-12/23/18

100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER	17.34
		SERVICE FROM 11/24-12/23/18	951572
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	17.34
		SERVICE FROM 11/24-12/23/2018	951572
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE	17.34
		SERVICE FROM 11/24-12/23/18	951572
Total			52.02

29943 12/21/2018 CINTAS
MATS

100-00-51600-000-000		CITY -BLDG MAINT	107.69
		MATTS	442385170
100-00-51600-000-000		CITY -BLDG MAINT	107.69
		MATS	442388133
Total			215.38

29944 12/21/2018 CLARK COUNTY TREASURER
NOVEMBER MUNI COURT FINES

100-00-45100-000-000		LAW & ORDINANCE VIOL MUNI CT	554.40
		2018 NOVEMBER MUNI COURT SHARE	OCT 2018
100-00-51410-012-000		ELECTION-EXPENSES	41.64
		REPRINT OF PROPERTY TAXES	2018 PROPERTY TAXES
Total			596.04

29945 12/21/2018 CLIFFS SERVICE INC
NOVEMBER 2018

600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	70.10
		FUEL TIMED	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	78.00
		FUEL TMED	
100-00-53311-013-005		PUBLIC WORKS - FUEL	57.70
		FUEL STUTTGEN	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	85.00
		FUEL TMED	

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Check Nbr	Check Date	Payee	Amount
100-00-53311-013-005		PUBLIC WORKS - FUEL FUEL GEIGER	77.00
Total			367.80
29946 12/21/2018 COLBY ABBOTSFORD POLICE COMMISSION DECEMBER 2018 BUDGET			
100-00-52100-013-000		LAW ENFORCEMNT-PLAN,MAINT,OPER DECEMBER 2018 BUDGET	35,997.83
Total			35,997.83
29947 12/21/2018 COMMERCIAL TESTING LABORATORY, INC. CHEMICALS			
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE PHOSPHOROUS, AMMONIA NITROGEN	732.25
Total			732.25
29948 12/21/2018 COMPLIANCE REGULATORY SERVICES INC JASON BAUER DRUG TESTING			
100-00-51432-001-000		GENERAL ADMIN-PHYS/DRUG TESTS JASON BAUER DRUG TESTING	105.00
Total			105.00
29949 12/21/2018 COMPUTER TR INC CARBONITE PRO ONLINE SUBSCRIPTION			
100-00-51600-000-000		CITY -BLDG MAINT CARBONITE SUBSCRIPTION AND STORAGE	122.25
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE CARBONITE SUBSCRIPTION AND STORAGE	122.25
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER CARBONITE SUBSCRIPTION AND STORAGE	122.25
600-00-11100-000-137		OPERATION & MAINTENANCE (WTR) CARBONITE SUBSCRIPTION AND STORAGE	122.25
Total			489.00
29950 12/21/2018 CORE & MAIN CURB BOX SPEEDY SLEEVE			
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE CURB BOX SPEEDY SLEEVES	288.67
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE 100 CF METER	2,450.58

COMBINED CHECKING ACCOUNT

Dated From: From Account:
 Thru: Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	756.10
		SNOW PLOW BLOCKS J915084	
Total			3,495.35

29951 12/21/2018 DIETRICH VANDERWAAL, S.C.
 PERSONNEL MATTERS - FORMER EMPLOYEE

100-00-51300-000-000		GENERAL ADMINISTRATION-LEGAL	380.00
		PERSONNEL MATTERS - FORMER EMPLOYEE	
100-00-51300-000-000		GENERAL ADMINISTRATION-LEGAL	3,135.00
		FORMER EMPLOYEE, CHARTER ORDINANCE, ETC	
Total			3,515.00

29952 12/21/2018 DIGGERS HOTLINE
 NOVEMBER 2018

600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	18.75
		ACTUAL BALANCE 181150901	
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE	18.75
		ACTUAL BALANCE 181150901	
Total			37.50

29953 12/21/2018 EO JOHNSON COMPANY
 10/26-11/25/18

100-00-51401-002-000		CITY CLERK-SUPPLIES	155.21
		OFFICE COPY CHARGES 10/26-11/25/18	
100-00-51401-002-000		CITY CLERK-SUPPLIES	225.00
		CONTRACT BASE RATE	
Total			380.21

29954 12/21/2018 FASTENAL COMPANY
 SHOP STOCK

100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER	87.91
		S/S HCS 25537	
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER	61.93
		1614 BUTT CNCTR, RINGS, FHNyz8 25582	
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER	23.10
		MED SPLIT L/W Z 25602	
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER	-8.13
		EX-6 13/32" SCREW EXT 19970	
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER	9.12
		AA BATTERIES 25472	

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Dated From:

From Account:

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Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER	158.18
		DIAMIND BID 25019	
Total			332.11
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29955	12/21/2018	FISH WINDOW CLEANING	
		WINDOW CLEANING	
100-00-51600-000-000		CITY -BLDG MAINT	209.00
		WINDOW CLEANING-DECEMBER 12052018	
Total			209.00
<hr/>			
29956	12/21/2018	FOURMENS FARM HOME - COLBY	
		DRIVEWAY MARK INER PK	
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER	39.84
		DRIVEWAY MARK INER PK 3-94335	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	6.65
		ELBOW, ADAPTER, PIPE, CLAMP 3-97035	
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER	30.93
		WRENCH SET 6 PC 3-94020	
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER	29.92
		TARP STRAPS 3-94260	
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE	99.99
		SPREADER BROADCAST ELITE 3-98001	
100-00-51600-000-000		CITY -BLDG MAINT	5.99
		MOP HANDLE 3-97035	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	70.97
		SHARKBITE 3-98203	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	5.98
		BATTERY 2 PK 3-94017	
100-00-51600-000-000		CITY -BLDG MAINT	9.99
		EXTENSION CORD 3-96924	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	18.99
		HEATER FAN THERMOSTAT 3-98281	
Total			319.25
<hr/>			
29957	12/21/2018	HACH COMPANY	
		SENSOR CAP REPLACEMENT, OZONE ACCUVAC	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	488.52
		SENSOR CAP REPLACEMENT, OZONE ACCUVAC 11195486	
Total			488.52

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ALL Checks

ACCT

COMBINED CHECKING ACCOUNT

Dated From:

From Account:

Thru:

Thru Account:

Check Nbr	Check Date	Payee	Amount
29958	12/21/2018	HAWKINS INC CHEMICALS	
600-00-53200-000-630		WATER-CHEMICALS CHEMICALS	2,078.41
			4399687
600-00-53200-000-630		WATER-CHEMICALS CHEMICALS	1,084.02
			4414320
Total			3,162.43
29959	12/21/2018	HEARTLAND COOPERATIVE SERVICES NOVEMBER 2018 PURCHASES	
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER DIELECT SILICONE COMP	7.62
			282227
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE OIL FILTER	0.00
			279124
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER WORK LIGHT	12.06
			282532
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE OIL FILTER	11.50
			284167
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER US 60 SERIES STROBE	37.99
			283446
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE BACK UP BULB, PLUG, BRACKET, GROMMETS	0.00
			278965
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER GLASS CLEANER	15.40
			283564
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER PAINT MARKER, HOSE CLAMP, CABLE TIE	0.00
			281509
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER SWITCH	0.00
			279086
Total			84.57
29960	12/21/2018	HOLIDAY COMPANIES FUEL NOVEMBER 2018	
600-00-53200-000-660		WATER-TRANSPORTATION FUEL	86.01
			103428001330
600-00-53200-000-660		WATER-TRANSPORTATION FUEL CREDIT REBATE	-0.94
			NOVEMBER 2018
Total			85.07

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29961	12/21/2018	HOOVER HYDRAULICS LABOR ON MOWER VALUE	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE LABOR ON MOWER VALVE 12943	10.44
Total			10.44
29962	12/21/2018	HYDRO CORP NOV 2018 CONTRACT MCC 2 YRS 10/18-09/20	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE CONTRACT - NOVEMBER 2018 50251	470.00
Total			470.00
29963	12/21/2018	INGRAM BOOK COMPANY BOOKS	
400-00-55150-000-000		BOOKS BOOKS 35623497	19.08
400-00-55150-000-000		BOOKS POP ADULT SERIES 36682976	15.56
400-00-55150-000-000		BOOKS BOOKS 37391348	13.72
400-00-55150-000-000		BOOKS BOOKS 37593579	15.56
Total			63.92
29964	12/21/2018	J.H. LARSON COMPANY LIT KLK010 MIDGET FUSE	
100-00-55200-013-000		PARKS/REC-PLAN, MAINT, OPER FLUORESCENT LAMP S101861535.001	75.11
100-00-55200-005-000		BEAUTIFICATION ELECTRONIC PHOTE CONTROL ON WELCOME SIGN S101866718.001	38.51
100-00-55200-005-000		BEAUTIFICATION LED LAMPS FROSTED 101873783.001	33.03
100-00-55200-005-000		BEAUTIFICATION FUSE, ANCHOR KIT S101901264.001	131.93
Total			278.58
29965	12/21/2018	KNOWBUDDY BOOKS	
400-00-55150-000-000		BOOKS BOOKS K277745	184.65

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Total			184.65
29966	12/21/2018	KUYOTH, JACKIE BULK TAPE	
400-00-55152-000-000		OFFICE & COMPUTER OFFICE SUPPLIES - BULK TAPE	6.32
Total			6.32
29967	12/21/2018	LEE RECREATION LLC 2018 RED ARROW PARK PLAYGROUND EQUIPMENT	
100-00-55200-014-000		PARKS AND RECREATION-CAP IMP RED ARROW PARK PLAYGROUND EQUIP	37,447.00
Total			37,447.00
29968	12/21/2018	LUEDTKE, LOUELLA OFFICE MAX - DIVIDERS	
100-00-51410-012-000		ELECTION-EXPENSES DIVIDERS	7.37
	11/7/2018		
100-00-51410-012-000		ELECTION-EXPENSES MILEAGE	5.50
	DEC 11 RECALL		
100-00-51401-005-000		CITY CLERK-MEAL/MILE/SCHOOL 2018 PROPERTY TAXES	5.50
	2018 PROPERTY TAXES		
Total			18.37
29969	12/21/2018	MARATHON CO TREASURER ELECTION CHARGES FOR 2018	
100-00-51410-012-000		ELECTION-EXPENSES DECEMBER 11, 2018 SPECIAL ELECTION	2,022.00
	I0014769		
100-00-51410-012-000		ELECTION-EXPENSES 2019 AUTOMARK RENEWAL	670.50
	I0014631		
100-00-51410-012-000		ELECTION-EXPENSES ELECTION CHARGES 2018	343.18
	I0014500		
100-00-45100-000-000		LAW & ORDINANCE VIOL MUNI CT NOV 2018 MUNI COURT FINES	90.00
	NOVEMBER 2018		
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER 46.93 TON SALT	4,412.74
	14437		
Total			7,538.42
29970	12/21/2018	MARTIN WELDING LLC SHEET, TUBES	

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100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER	163.16
		SHEETS, TUBE 8549	
Total			163.16
<hr/>			
29971	12/21/2018	MEGA FOODS	
		FUEL	
800-00-53610-000-660		SEWER-TRANSPORTATION	59.48
		FUEL - WW 11052018	
800-00-53610-000-660		SEWER-TRANSPORTATION	62.18
		FUEL - WW 10042018	
Total			121.66
<hr/>			
29972	12/21/2018	MEIER FOREST PRODUCTS, INC	
		LUMBER FOR PLAY GROUND EQUIPMENT	
100-00-55200-013-000		PARKS/REC-PLAN, MAINT, OPER	280.00
		LUMBER FOR PARK	
Total			280.00
<hr/>			
29973	12/21/2018	MELVIN INC., FRANCIS	
		SCREENED BLACK DIRT	
100-00-55200-013-000		PARKS/REC-PLAN, MAINT, OPER	135.10
		SCREENED BLACK DIRT 70439	
Total			135.10
<hr/>			
29974	12/21/2018	MERRILL CITY TREASURER	
		BOOKS	
400-00-55150-000-000		BOOKS	16.99
		BOOKS	
Total			16.99
<hr/>			
29975	12/21/2018	MICHAEL FREDERICK	
		BOOKS	
400-00-55150-000-000		BOOKS	24.00
		TIGHTWAD ENERGY 388285	
Total			24.00
<hr/>			
29976	12/21/2018	MICHELLE GOBERT	
		ANNUAL HOSTING 9/25/18 - 9/25/2019	
400-00-55152-000-000		OFFICE & COMPUTER	105.90
		WEBSITE 2018-023	

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Total			105.90

29977 12/21/2018 MICROMARKETING LLC
 BOOKS

400-00-55150-000-000	BOOKS		18.23
	NEXT PERSON YOU MEET IN HEAVEN	451614	
400-00-55152-000-000	OFFICE & COMPUTER		26.00
	HUB LABELS	453126	
Total			44.23

29978 12/21/2018 MICROMARKETING LLC
 BOOKS

400-00-55150-000-000	BOOKS		88.15
	HOLY GHOST, LONG ROAD TO MERCY	453125	
400-00-55150-000-000	BOOKS		18.96
	KNOCKOUT KNIT HATS & HOODS	451614	
400-00-55150-000-000	BOOKS		39.99
	BOUNTY HUNTER, DEATH RIDES ALONE	451903	
400-00-55150-000-000	BOOKS		35.69
	IN TOO DEEP, SEAT BY THE HEARTH	453329	
Total			182.79

29979 12/21/2018 MONTGOMERY ASSOCIATES
 ENGINEERING - WATER

600-00-53200-000-021	WATER - ENGINEERING SERVICES		1,488.75
	WATER - ENGINEERING		
Total			1,488.75

29980 12/21/2018 MSA PROFESSIONAL SERVICES INC
 R07681015.0 SAFE ROUTE TO SCHOOL

100-00-53311-014-020	SAFE ROUTE TO SCHOOL		3,176.74
	R07681015.0 SAFE ROUTE TO SCHOOL	6	
960-00-51000-000-021	TIF EXPENDITURES - ENG		58,614.00
	R07681026.0 SCHILLING FARM SUB	5	
100-00-53311-014-100	CDBG - 2018		8,467.50
	R07681014.0	12	
100-00-53311-014-000	PUBLIC WORKS-CAP IMPROVEMENT		4,282.50
	R07681024.0 SPRUCE ST RECONDITIONING	6	
960-00-51000-000-021	TIF EXPENDITURES - ENG		4,030.00
	R07681027.0 SPORTSMAN'S ADDITION ST IMP	1	

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960-00-51000-000-021		TIF EXPENDITURES - ENG	5,040.00
		R07681025.0 INDUSTRIAL PARK CONNECTION 4	
Total			83,610.74
<hr/>			
29981	12/21/2018	NIEMUTH IMPLEMENT CO INC	
		ARM / BLADE	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	41.00
		ARM/BLADE 219153	
Total			41.00
<hr/>			
29982	12/21/2018	NORTHERN LAKE SERVICE INC	
		BROMATE	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE	110.00
		BROMATE, TESTING 347250	
Total			110.00
<hr/>			
29983	12/21/2018	OLSON, KIM	
		AUDIO VISUAL	
400-00-55153-000-000		AUDIO VISUAL MATERIALS	50.18
		DVD'S	
Total			50.18
<hr/>			
29984	12/21/2018	POMP'S TIRE SERVICE INC	
		TIRES	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	95.65
		TIRES - LIGHT TRUCK 350036480	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	15.32
		TUBE / LABOR 350036352	
Total			110.97
<hr/>			
29985	12/21/2018	POSTMASTER	
		ONE YEAR LEASE	
400-00-55163-000-000		POSTAGE	116.00
		LIBRARY PO BOX LEASE 12312018	
Total			116.00
<hr/>			
29986	12/21/2018	POSTMASTER	
		DECEMBER 2018 CHECKS	
100-00-51401-002-000		CITY CLERK-SUPPLIES	50.00
		DECEMBER 2018 POSTAGE CITY HALL NOVEMBER 2018	

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			Total
			50.00
29987	12/21/2018	RC PAVERS ASPHALT PATCHES	
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER ASPHALT PATCHES	900.00
			Total
			900.00
29988	12/21/2018	RENT A FLASH OF WISCONSIN, INC. PRIVATE DRIVE SIGN	
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER SIGNS	112.17
		64709	
			Total
			112.17
29989	12/21/2018	ROLAND MACHINERY COMPANY GAUGE FUEL	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE GRADER MAINT	90.64
		45035912	
			Total
			90.64
29990	12/21/2018	ROLAND MACHINERY COMPANY GRADER MAINT	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE GRADER MAINT	95.03
		45035862	
			Total
			95.03
29991	12/21/2018	STAFFORD ROSENBAUM LLP MARATHON COUNTY CUP	
600-00-53200-001-000		WATER - LEGAL SERVICES HASS CUP LEGAL	3,422.00
		1217729	
			Total
			3,422.00
29992	12/21/2018	STAPLES BUSINESS ADVANTAGE LEGAL PAPER, WINDOW ENVELOPES, FINGERTIP	
100-00-51401-002-000		CITY CLERK-SUPPLIES ENVELOPES, QUICK NOTES,	101.37
		8052393950	
100-00-51401-002-000		CITY CLERK-SUPPLIES NAME PLATE	27.89
		8052232189	
100-00-51401-002-000		CITY CLERK-SUPPLIES CREDIT ON CALENDAR	-4.52
		805247043	

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Total			124.74
29993 12/21/2018 STATE OF WI - COURT FINES AND SURCHARGES NOVEMBER 2018 MUNI COURT FINES			
100-00-45100-000-000	2018 NOVEMBER	LAW & ORDINANCE VIOL MUNI CT MUNI COURTSHARE	267.95
		MARATHON NOV 2018	
100-00-45100-000-000	2018 NOVEMBER	LAW & ORDINANCE VIOL MUNI CT MUNI COURT SHARE	976.80
		CLARK COUNTY NOVEMBER 2018	
Total			1,244.75
29994 12/21/2018 STETSONVILLE OIL DIESEL FUEL			
100-00-53311-013-005		PUBLIC WORKS - FUEL HIGH SULFUR DIESEL	1,339.25
		50117	
Total			1,339.25
29995 12/21/2018 TJ'S TIRE & AUTO LLC MULTI-TRAC C/S			
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE MULTI-TRAC C/S	150.24
Total			150.24
29996 12/21/2018 TOTAL CONTROL SYSTEMS INC REPLACED CONTROLLER IN WELL #2			
600-00-53200-000-650		WATER-RPRS PLNT/LINES/HYDR REPLACED CONTROLLER IN WELL #2	3,518.31
		8493	
Total			3,518.31
29997 12/21/2018 TP PRINTING COMPANY, INC. LIBRARY 29TH HOLIDAY PROGRAM			
400-00-55159-000-000		PUBLICATION AND MISC EXPENSE LIBRARY 29TH HOLIDAY PROGRAM	100.00
		97388	
100-00-51401-001-000		CITY CLERK-PRINTING AFFIDAVIT CHARGE FOR TIF	1.00
		55486	
100-00-51401-001-000		CITY CLERK-PRINTING AFFIDAVIT CHARGE FOR JOINT REVIEW BOARD	1.00
		55622	
100-00-51401-001-000		CITY CLERK-PRINTING 2019 SPRING ELECTION	56.00
		11212018	
100-00-51401-001-000		CITY CLERK-PRINTING VOTING ABSENTEE	91.00
		11212018	

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			Total 249.00
29998	12/21/2018	WISCONSIN DEPT OF PUBLIC INSTRUCTION 2019 WISCAT DUES	
400-00-55162-000-000		VCAT/WISCNET/ADMIN 2019 DUES	200.00
			Total 200.00
29999	12/21/2018	WISCONSIN STATE LABORATORY OF HYGIENE TESTING FLUORIDE	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE FLUORIDE	25.00
			Total 25.00
30000	12/21/2018	WISCONSIN VALLEY LIBRARY SERVICE ITEM BARCODES	
400-00-55152-000-000		OFFICE & COMPUTER ITEM BARCODES	21.76
			Total 21.76
30001	12/21/2018	WOLFGRAM, GAMOKE & HUTCHINSON, S.C. MUNI COURT ATTORNEY	
100-00-51300-001-000		GEN ADMIN LEGAL- CITY ATTORNEY JUDICAL LEGAL-LIEN BRAZEL MATTER	698.94
			Total 698.94
Grand Total			206,710.38

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Total Expenditure from Fund # 100 - GENERAL FUND	118,455.42
Total Expenditure from Fund # 400 - LIBRARY	2,871.31
Total Expenditure from Fund # 600 - WATER UTILITY FUND	16,296.33
Total Expenditure from Fund # 800 - SEWER UTILITY FUND	1,403.32
Total Expenditure from Fund # 960 - TIF DISTRICT #6	67,684.00
Total Expenditure from all Funds	206,710.38

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Account Number	Account Code Description	Debit	Credit
100-00-10000-000-000	TREASURER'S CASH		118,455.42
	Total Expenditure - Fund # 100	118,455.42	
400-00-10000-000-000	TREASURER'S CASH		2,871.31
	Total Expenditure - Fund # 400	2,871.31	
600-00-10000-000-000	TREASURER'S CASH		16,296.33
	Total Expenditure - Fund # 600	16,296.33	
800-00-10000-000-000	TREASURER'S CASH		1,403.32
	Total Expenditure - Fund # 800	1,403.32	
960-00-10000-000-000	CASH		67,684.00
	Total Expenditure - Fund # 960	67,684.00	
	Total	206,710.38	206,710.38

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30002	12/27/2018	ABBYCOLBY CROSSINGS CHAMBER OF COMMERCE 2018 CHRISTMAS PARADE	
100-00-56700-000-000		ROOM TAX EXPENSE 2018 CHRISTMAS PARADE	3,000.00
		ROOM TAX XMAS PARADE	
		Total	3,000.00
30003	12/27/2018	BAKER & TAYLOR BOOKS	
400-00-55150-000-000		BOOKS BOOKS	82.44
		2034184053	
		Total	82.44
30004	12/27/2018	CAREY, MICHAEL/KAREN 2018 PROPERTY TAX REFUND	
100-00-12100-000-000		CURRENT TAXES RECEIVABLE 2018 PROPERTY TAX REFUND	313.87
		Total	313.87
30005	12/27/2018	COMPUTER TR INC MUNICIPAL COURT COMPUTER ISSUES	
100-00-51200-013-000		JUDICIAL-PLAN, MAINT, & OPER MUNICIPAL COURT COMPUTER ISSUES	439.00
		11869	
		Total	439.00
30006	12/27/2018	CORE & MAIN O-RING	
600-00-53200-000-640		WATER-OPER SUPP & EXPENSE O-RING	107.70
		914331	
		Total	107.70
30007	12/27/2018	CRESCENT LANDSCAPE SUPPLY, INC CERTIFIED PLAYGROUND CHIPS (RED ARROW)	
100-00-55200-013-000		PARKS/REC-PLAN, MAINT, OPER RED ARROW PLAYGROUND CHIPS	3,600.00
		Total	3,600.00
30008	12/27/2018	DALCO CLEANER	
100-00-55200-013-000		PARKS/REC-PLAN, MAINT, OPER PARKS - CLEANER	21.90
		3373755	

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100-00-51600-000-000		CITY -BLDG MAINT	21.91
		CLEANER	3373755
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	216.61
		FLOOR CLEANER, CAN LINERS, TOWELS	3384924
100-00-51600-000-000		CITY -BLDG MAINT	216.61
		FLOOR CLEANER, CAN LINER, HAND TOWELS	3384924
Total			477.03
30009 12/27/2018 DELIKOWSKI, DENNIS 2018 PROPERTY TAX REFUND			
100-00-12100-000-000		CURRENT TAXES RECEIVABLE	50.52
		2018 PROPERTY TAX REFUND	
Total			50.52
30010 12/27/2018 DUTNEY, CRISTAL 2018 TAX CREDIT REFUND			
100-00-12100-000-000		CURRENT TAXES RECEIVABLE	52.82
		2018 TAX CREDIT REFUND	
Total			52.82
30011 12/27/2018 GEIGER, JEREMY WORK BOOT REIMBURSEMENT			
100-00-53311-013-006		PUBLIC WORKS - UNIFORMS CLOTHI	199.97
		2018 BOOTS	21907
Total			199.97
30012 12/27/2018 GOLD RUSH HOSTING ANNUAL HOSTING			
100-00-55290-000-000		CITY ADVERTISING/PROMOTION	99.50
		NON-PROFIT WEBISTE HOSTING	
Total			99.50
30013 12/27/2018 GRAFFUNDER, EUGENE/RUTH 2018 PROPERTY TAX REFUND			
100-00-12100-000-000		CURRENT TAXES RECEIVABLE	589.12
		2018 PROPERTY TAX REFUND	
Total			589.12
30014 12/27/2018 HAWKINS INC CHEMICALS			

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600-00-53200-000-630		WATER-CHEMICALS	1,181.90
		CHEMICALS	
		4414319	
		Total	1,181.90
30015	12/27/2018	INGRAHAM TECHNICAL SERVICES INC	
		PHRAGMITES SURVEY	
800-00-53610-000-650		SEWER-REPAIRS TO PLANT/LINES	850.00
		PHRAGMITES SURVEY	
		Total	850.00
30016	12/27/2018	J.H. LARSON COMPANY	
		FUSE, SCREWS & ANCHORS	
100-00-55200-005-000		BEAUTIFICATION	131.93
		FUSE, ANCHOR KIT	
		S101901264.001	
		Total	131.93
30017	12/27/2018	KNOWBUDDY	
		BOOKS	
400-00-55150-000-000		BOOKS	184.65
		BOOKS	
		K277745	
		Total	184.65
30018	12/27/2018	LENZ, DEBORAH	
		2018 MILEAGE REIMBURSEMENT FOR PARKS	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	98.10
		PARK MILEAGE - 180MILES (@\$0.54.5/MILE)	
		Total	98.10
30019	12/27/2018	LFS SALES AND MANUFACTURING	
		STRAP REPAIR FOR PW	
100-00-53311-013-000		PUBLIC WORKS-PLAN,MAINT,OPER	20.00
		TOW STRAP REPAIR	
		Total	20.00
30020	12/27/2018	LOOKOUT BOOKS	
		BOOKS	
400-00-55150-000-000		BOOKS	238.90
		BOOKS	
		L451543	
		Total	238.90

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30021	12/27/2018	MEIER FOREST PRODUCTS, INC LUMBER FOR PARK	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER LUMBER FOR PARK	280.00
		Total	280.00
30022	12/27/2018	PLC WATER JETTING SERVICE, INC LATERAL LAUNCHING	
800-00-53610-000-645		SEWER - LINE MAINTENANCE LATERAL LAUNCHING	2,300.00
		Total	2,300.00
30023	12/27/2018	ROLAND MACHINERY COMPANY GRADER MAINT	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE GRADER MAINT 45035912	90.64
		Total	90.64
30024	12/27/2018	STATE OF WISCONSIN DSPS TODD MEDENWALDT - REG TAG B0018893	
800-00-53610-000-640		SEWER-OPER SUPP/EXPENSE WWTREATMENT PERMIT 490672	50.00
		Total	50.00
30025	12/27/2018	STETSONVILLE OIL DIESEL	
100-00-53311-013-005		PUBLIC WORKS - FUEL HIGH SULFUR DIESEL 50335	1,126.54
		Total	1,126.54
30026	12/27/2018	STRATHMANN, ADAM 2018 TAX CREDIT REFUND	
100-00-12100-000-000		CURRENT TAXES RECEIVABLE 2018 TAX CREDIT REFUND	52.94
		Total	52.94
30027	12/27/2018	TOTAL CONTROL SYSTEMS INC OF4 CARD IN THE RACK	
600-00-53200-000-650		WATER-RPRS PLNT/LINES/HYDR OF4 CARD IN THE RACK 8549	1,576.58

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Dated From: 12/21/2018 From Account:
 Thru: 12/27/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
			Total 1,576.58
30028 12/27/2018 WHEDA 2018 PROPERTY TAX REFUND			
100-00-12100-000-000		CURRENT TAXES RECEIVABLE JESSE KULEAS	647.06
100-00-12100-000-000		CURRENT TAXES RECEIVABLE ANDY GEIGER	712.82
100-00-12100-000-000		CURRENT TAXES RECEIVABLE MICHAEL ELWOOD	632.10
100-00-12100-000-000		CURRENT TAXES RECEIVABLE MAX PITZKE/OLIVER MORINES	1,229.27
100-00-12100-000-000		CURRENT TAXES RECEIVABLE MAX PITZKE/OLIVIA MORINES	77.26
100-00-12100-000-000		CURRENT TAXES RECEIVABLE LUIS GONZALEZ/JOSE RODRIGUEZ	435.97
100-00-12100-000-000		CURRENT TAXES RECEIVABLE DALLAS KRUEGER	411.82
100-00-12100-000-000		CURRENT TAXES RECEIVABLE COLLIN LEVANDE	694.65
100-00-12100-000-000		CURRENT TAXES RECEIVABLE CHRISTOPHER/KIRA ENGLISH	553.24
100-00-12100-000-000		CURRENT TAXES RECEIVABLE JASON TISCHENDORF, BRIT OLSON	585.67
			Total 5,979.86
30029 12/27/2018 ZARNOTH BRUSH WORKS INC. WAFER BRUSHES, COMBO CONV. WAFER, ETC			
100-00-53311-013-000		PUBLIC WORKS-PLAN, MAINT, OPER SUPPLIES 173110	577.20
			Total 577.20
			Grand Total 23,751.21

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Total Expenditure from Fund # 100 - GENERAL FUND	17,179.04
Total Expenditure from Fund # 400 - LIBRARY	505.99
Total Expenditure from Fund # 600 - WATER UTILITY FUND	2,866.18
Total Expenditure from Fund # 800 - SEWER UTILITY FUND	3,200.00
Total Expenditure from all Funds	23,751.21

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Dated From: 12/21/2018

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Account Number	Account Code Description	Debit	Credit
100-00-10000-000-000	TREASURER'S CASH		17,179.04
	Total Expenditure - Fund # 100	17,179.04	
400-00-10000-000-000	TREASURER'S CASH		505.99
	Total Expenditure - Fund # 400	505.99	
600-00-10000-000-000	TREASURER'S CASH		2,866.18
	Total Expenditure - Fund # 600	2,866.18	
800-00-10000-000-000	TREASURER'S CASH		3,200.00
	Total Expenditure - Fund # 800	3,200.00	
	Total	23,751.21	23,751.21

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Check Nbr	Check Date	Payee	Amount
DEBIT	12/03/2018	WE ENERGIES	
		203 N 1ST ST	
			Manual Check
600-00-53200-000-620		WATER-UTILITIES	0.00
		101 W ELEM ST 2859-117-536	
600-00-53200-000-620		WATER-UTILITIES	0.00
		609 E SPRUCE ST 0809-397-715	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
		PARKS-407 W HEMLOCK STREET 0872-575-043	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
		PARK 5TH AVE 4098-144-500	
100-00-51600-000-000		CITY -BLDG MAINT	300.44
		CITY HALL 2270-836-132	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		414 W BUTTERNUT ST 0065-397-202	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		GARAGE 4241-138-218	
600-00-53200-000-620		WATER-UTILITIES	0.00
		1ST ST PUMP 3644-448-414	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		401 S 11TH ST 7234-632-857	
		Total	300.44
V1303	12/05/2018	ANDERS, GERALD	
		Pay period 11/03/2018 to 11/30/2018	
			Manual Check
100-00-51100-011-000		CITY COUNCIL-WAGES	130.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-8.06
100-00-21514-000-000		MEDICARE TAX PAYABLE	-1.89
		Total	120.05
V1304	12/05/2018	BAKER, CHERYL	
		Pay period 08/01/2018 to 11/30/2018	
			Manual Check
100-00-51100-011-000		CITY COUNCIL-WAGES	50.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-3.10
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.73

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Check Nbr	Check Date	Payee	Amount
Total			46.17
V1305 12/05/2018 CHRISTENSEN, SCOTT			
Pay period 08/01/2018 to 11/30/2018 Manual Check			
100-00-51100-011-000		CITY COUNCIL-WAGES	50.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-3.10
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.73
Total			46.17
V1306 12/05/2018 CLAUSNITZER, ERIN			
Pay period 11/17/2018 to 11/30/2018 Manual Check			
100-00-51400-011-000		CITY CLERK-WAGES	402.00
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	492.38
600-00-53200-100-680		WATER-ADMIN SALARIES	492.38
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-71.37
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-85.98
100-00-21514-000-000		MEDICARE TAX PAYABLE	-20.11
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-57.63
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-69.46
Total			1,082.21
V1307 12/05/2018 CLEMENT, CATHY			
Pay period 11/03/2018 to 11/30/2018 Manual Check			
100-00-51100-011-000		CITY COUNCIL-WAGES	245.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-15.19
100-00-21514-000-000		MEDICARE TAX PAYABLE	-3.55
Total			226.26

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Check Nbr	Check Date	Payee	Amount
V1308 12/05/2018		COLBY, WILLIAM	
Pay period 11/17/2018 to 11/30/2018			Manual Check
100-00-53311-011-000		PUBLIC WORKS-WAGES	53.32
100-00-53311-013-020		PUBLIC WORKS - BRUSH WAGES	133.19
100-00-55200-011-000		PARKS AND RECREATION-WAGES	159.96
100-00-53311-011-000		PUBLIC WORKS-WAGES	1,788.33
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-204.42
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-132.36
100-00-21514-000-000		MEDICARE TAX PAYABLE	-30.95
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-104.29
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-97.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-119.58
Total			1,446.20
V1309 12/05/2018		CORLEY, NANCY	
Pay period 11/17/2018 to 11/30/2018			Manual Check
400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	222.03
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-20.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-13.77
100-00-21514-000-000		MEDICARE TAX PAYABLE	-3.22
Total			185.04
V1310 12/05/2018		FABER, BRENT	
Pay period 11/03/2018 to 11/30/2018			Manual Check
100-00-51100-011-000		CITY COUNCIL-WAGES	295.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-18.29

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Check Nbr	Check Date	Payee	Amount
100-00-21514-000-000		MEDICARE TAX PAYABLE	-4.28
Total			272.43

V1311 12/05/2018 GEIGER, JEREMY
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-55200-011-000		PARKS AND RECREATION-WAGES	148.81
100-00-53311-011-000		PUBLIC WORKS-WAGES	1,985.99
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-164.89
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-132.36
100-00-21514-000-000		MEDICARE TAX PAYABLE	-30.95
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-105.32
100-00-21535-000-000		DEFERRED COMPENSATION	-75.00
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-95.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-119.58
Total			1,411.70

V1312 12/05/2018 GRADY, DANIEL
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-51400-011-000		CITY CLERK-WAGES	538.46
100-00-53311-011-000		PUBLIC WORKS-WAGES	538.46
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	673.08
960-00-51000-100-000		TIF 6 ADMIN WAGES	269.23
600-00-53200-100-680		WATER-ADMIN SALARIES	673.08
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-203.24
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-151.29

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Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
100-00-21514-000-000		MEDICARE TAX PAYABLE	-35.38
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-129.35
100-00-21555-000-000		CAFETERIA INSURANCE DEDUCTABLE	-252.09
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-180.38
		Total	1,740.58

V1313 12/05/2018 HLAVIN, RALPH
Pay period 08/01/2018 to 11/30/2018

Manual Check

100-00-51100-011-000		CITY COUNCIL-WAGES	50.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-3.10
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.73
		Total	46.17

V1314 12/05/2018 HORACEK, PETE
Pay period 11/03/2018 to 11/30/2018

Manual Check

100-00-51100-011-000		CITY COUNCIL-WAGES	395.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-24.49
100-00-21514-000-000		MEDICARE TAX PAYABLE	-5.73
		Total	364.78

V1315 12/05/2018 HUTHER, LORI
Pay period 11/03/2018 to 11/30/2018

Manual Check

100-00-51100-011-000		CITY COUNCIL-WAGES	245.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-15.19
100-00-21514-000-000		MEDICARE TAX PAYABLE	-3.55
		Total	226.26

V1316 12/05/2018 JAKEL, JIM
Pay period 08/01/2018 to 11/30/2018

Manual Check

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Check Nbr	Check Date	Payee	Amount
100-00-51100-011-000		CITY COUNCIL-WAGES	50.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-3.10
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.73
Total			46.17

V1317 12/05/2018 JOCHIMSEN, JENNY
Pay period 11/17/2018 to 11/30/2018

Manual Check

400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	1,760.00
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-161.64
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-103.42
100-00-21514-000-000		MEDICARE TAX PAYABLE	-24.19
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-78.45
100-00-21555-000-000		CAFETERIA INSURANCE DEDUCTABLE	-91.94
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-117.92
Total			1,182.44

V1318 12/05/2018 KALEPP, JUDITH
Pay period 11/03/2018 to 11/30/2018

Manual Check

100-00-51200-011-000		JUDICIAL-WAGES	250.00
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-10.80
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-15.50
100-00-21514-000-000		MEDICARE TAX PAYABLE	-3.63
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-1.18
Total			218.89

V1319 12/05/2018 KUYOTH, JACQUELYNN
Pay period 11/17/2018 to 11/30/2018

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400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	258.75
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-11.68
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-16.04
100-00-21514-000-000		MEDICARE TAX PAYABLE	-3.75
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-0.68
		Total	226.60

V1320 12/05/2018 LEFFEL, LAVERN
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-53311-013-020		PUBLIC WORKS - BRUSH WAGES	223.10
100-00-55200-011-000		PARKS AND RECREATION-WAGES	356.96
100-00-53311-011-000		PUBLIC WORKS-WAGES	1,554.74
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-167.89
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-132.36
100-00-21514-000-000		MEDICARE TAX PAYABLE	-30.95
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-107.20
100-00-21535-000-000		DEFERRED COMPENSATION	-50.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-119.58
		Total	1,526.82

V1321 12/05/2018 LENZ, DEBORAH
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-51600-000-100		CITY HALL-CLEANING WAGES	473.60
100-00-55200-011-000		PARKS AND RECREATION-WAGES	140.80
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-27.16

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100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-38.09
100-00-21514-000-000		MEDICARE TAX PAYABLE	-8.91
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-13.26
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-41.16
		Total	485.82

V1322 12/05/2018 LUEDTKE, LOUELLA
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-51400-011-000		CITY CLERK-WAGES	919.00
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	569.50
600-00-53200-100-680		WATER-ADMIN SALARIES	569.00
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-146.08
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-127.57
100-00-21514-000-000		MEDICARE TAX PAYABLE	-29.83
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-104.69
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-114.40
		Total	1,534.93

V1323 12/05/2018 MEDENWALDT, TODD A.
Pay period 11/17/2018 to 11/30/2018

Manual Check

800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	1,087.60
600-00-53200-120-680		WATER WAGES	350.00
600-00-53200-120-680		WATER WAGES	1,087.60
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-242.40
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-156.56

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Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
100-00-21514-000-000		MEDICARE TAX PAYABLE	-36.62
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-122.56
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-210.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-145.74
		Total	1,611.32

V1324 12/05/2018 OLSON, KIMBERLY
Pay period 11/17/2018 to 11/30/2018

Manual Check

400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	48.15
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-2.99
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.70
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-3.23
		Total	41.23

V1325 12/05/2018 RANNO, RICK K.
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-52100-011-000		SCHOOL CROSS GUARD-WAGES	92.75
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-5.75
100-00-21514-000-000		MEDICARE TAX PAYABLE	-1.34
		Total	85.66

V1326 12/05/2018 REIS, ERIC
Pay period 03/01/2018 to 11/30/2018

Manual Check

100-00-51100-011-000		CITY COUNCIL-WAGES	50.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-3.10
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.73
		Total	46.17

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Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
V1327	12/05/2018	SMITH, JOHN	
Pay period 11/17/2018 to 11/30/2018			Manual Check
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	350.00
800-00-53610-120-680		SEWER- WAGES	1,784.80
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-233.87
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-132.36
100-00-21514-000-000		MEDICARE TAX PAYABLE	-30.95
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-104.93
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-100.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-119.58
			Total
			1,413.11

V1328 12/05/2018 SOYK, JOSHUA
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-55200-011-000		PARKS AND RECREATION-WAGES	44.62
100-00-53311-011-000		PUBLIC WORKS-WAGES	78.75
800-00-53610-120-680		SEWER- WAGES	474.98
600-00-53200-120-680		WATER WAGES	350.00
600-00-53200-120-680		WATER WAGES	1,543.41
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-207.85
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-154.49
100-00-21514-000-000		MEDICARE TAX PAYABLE	-36.13
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-132.24
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-25.00

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Check Nbr	Check Date	Payee	Amount
100-00-21535-000-000		DEFERRED COMPENSATION	-25.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-143.50
		Total	1,767.55

V1329 12/05/2018 STUTTGEN, CRAIG
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-53311-011-000		PUBLIC WORKS-WAGES	2,482.80
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-156.54
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-153.93
100-00-21514-000-000		MEDICARE TAX PAYABLE	-36.00
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-122.39
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-75.00
100-00-21535-000-000		DEFERRED COMPENSATION	-75.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-142.90
		Total	1,721.04

V1330 12/05/2018 TOTZKE, JEREMY
Pay period 11/03/2018 to 11/30/2018

Manual Check

100-00-51100-011-000		CITY COUNCIL-WAGES	245.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-15.19
100-00-21514-000-000		MEDICARE TAX PAYABLE	-3.55
		Total	226.26

V1331 12/05/2018 VOSS, LORI
Pay period 11/03/2018 to 11/30/2018

Manual Check

100-00-51405-011-000		MAYOR-WAGES	750.00
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-44.20

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Check Nbr	Check Date	Payee	Amount
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-46.50
100-00-21514-000-000		MEDICARE TAX PAYABLE	-10.88
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-10.90
Total			637.52

V1332 12/05/2018 WEICH, JESSICA
Pay period 11/17/2018 to 11/30/2018

Manual Check

100-00-51200-011-006		JUDICIAL - COURT CLERK WAGES	157.39
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-5.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-9.76
100-00-21514-000-000		MEDICARE TAX PAYABLE	-2.28
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-10.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	24.38
Total			154.73

V1333 12/05/2018 WEIDEMAN, ROGER
Pay period 11/03/2018 to 11/30/2018

Manual Check

100-00-51100-011-000		CITY COUNCIL-WAGES	345.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-21.39
100-00-21514-000-000		MEDICARE TAX PAYABLE	-5.00
Total			318.61

V1334 12/19/2018 ARCHAMBO, SHARON
Pay period 11/17/2018 to 12/14/2018

Manual Check

100-00-51410-011-000		ELECTION-WAGES	90.63
Total			90.63

V1335 12/19/2018 CLAUSNITZER, ERIN
Pay period 12/01/2018 to 12/14/2018

Manual Check

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Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
100-00-51400-011-000		CITY CLERK-WAGES	133.12
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	458.32
600-00-53200-100-680		WATER-ADMIN SALARIES	458.32
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-37.58
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-65.09
100-00-21514-000-000		MEDICARE TAX PAYABLE	-15.22
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-32.78
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-70.33
Total			828.76

V1336 12/19/2018 COLBY, WILLIAM
Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-55200-011-000		PARKS AND RECREATION-WAGES	602.37
100-00-53311-011-000		PUBLIC WORKS-WAGES	602.37
800-00-53610-120-680		SEWER- WAGES	89.24
100-00-53311-013-025		PUBLIC WORKS - SNOW WAGES	658.17
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-168.39
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-121.03
100-00-21514-000-000		MEDICARE TAX PAYABLE	-28.31
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-90.68
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-97.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-130.79
Total			1,315.95

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Check Nbr	Check Date	Payee	Amount
V1337	12/19/2018	CORLEY, NANCY	
Pay period 12/01/2018 to 12/14/2018			Manual Check
400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	355.78
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-20.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-22.06
100-00-21514-000-000		MEDICARE TAX PAYABLE	-5.16
			Total 308.56
V1338	12/19/2018	GEIGER, JEREMY	
Pay period 12/01/2018 to 12/14/2018			Manual Check
100-00-55200-011-000		PARKS AND RECREATION-WAGES	380.83
100-00-53311-011-000		PUBLIC WORKS-WAGES	809.18
800-00-53610-120-680		SEWER- WAGES	190.30
100-00-53311-013-025		PUBLIC WORKS - SNOW WAGES	381.53
600-00-53200-120-680		WATER WAGES	190.30
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-141.62
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-121.03
100-00-21514-000-000		MEDICARE TAX PAYABLE	-28.31
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-90.74
100-00-21535-000-000		DEFERRED COMPENSATION	-75.00
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-95.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-130.79
			Total 1,269.65
V1339	12/19/2018	GRADY, DANIEL	
Pay period 12/01/2018 to 12/14/2018			Manual Check

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Check Nbr	Check Date	Payee	Amount
100-00-51400-011-000		CITY CLERK-WAGES	558.46
100-00-53311-011-000		PUBLIC WORKS-WAGES	538.46
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	673.08
960-00-51000-100-000		TIF 6 ADMIN WAGES	269.23
600-00-53200-100-680		WATER-ADMIN SALARIES	673.08
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-205.48
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-152.53
100-00-21514-000-000		MEDICARE TAX PAYABLE	-35.67
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-130.76
100-00-21555-000-000		CAFETERIA INSURANCE DEDUCTABLE	-252.09
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-181.72
		Total	1,754.06

V1340 12/19/2018 GRAVUNDER, SANDRA
Pay period 12/11/2018 to 12/14/2018

Manual Check

100-00-51410-011-000		ELECTION-WAGES	203.13
		Total	203.13

V1341 12/19/2018 JENSEN, GORDY
Pay period 11/17/2018 to 12/14/2018

Manual Check

100-00-51410-011-000		ELECTION-WAGES	75.00
		Total	75.00

V1342 12/19/2018 JOCHIMSEN, JENNY
Pay period 12/01/2018 to 12/14/2018

Manual Check

400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	1,760.00
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-161.64

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Check Nbr	Check Date	Payee	Amount
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-103.42
100-00-21514-000-000		MEDICARE TAX PAYABLE	-24.19
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-78.45
100-00-21555-000-000		CAFETERIA INSURANCE DEDUCTABLE	-91.94
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-117.92
		Total	1,182.44

V1343 12/19/2018 KUYOTH, JACQUELYNN
Pay period 12/01/2018 to 12/14/2018

Manual Check

400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	295.75
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-15.38
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-18.34
100-00-21514-000-000		MEDICARE TAX PAYABLE	-4.29
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-2.16
		Total	255.58

V1344 12/19/2018 LEFFEL, LAVERN
Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-53311-011-000		PUBLIC WORKS-WAGES	66.94
100-00-55200-011-000		PARKS AND RECREATION-WAGES	501.31
100-00-53311-011-000		PUBLIC WORKS-WAGES	904.45
100-00-53311-013-025		PUBLIC WORKS - SNOW WAGES	546.40
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-152.12
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-125.18
100-00-21514-000-000		MEDICARE TAX PAYABLE	-29.28

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Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-97.32
100-00-21535-000-000		DEFERRED COMPENSATION	-50.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-135.28
		Total	1,429.92

V1345 12/19/2018 LENZ, DEBORAH
Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-51600-000-100		CITY HALL-CLEANING WAGES	440.32
100-00-55200-011-000		PARKS AND RECREATION-WAGES	71.68
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-17.61
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-31.74
100-00-21514-000-000		MEDICARE TAX PAYABLE	-7.42
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-9.44
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-34.30
		Total	411.49

V1346 12/19/2018 LUEDTKE, LOUELLA
Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-51400-011-000		CITY CLERK-WAGES	494.60
100-00-51410-011-000		ELECTION-WAGES	409.10
800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	494.40
600-00-53200-100-680		WATER-ADMIN SALARIES	494.40
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-124.79
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-117.34
100-00-21514-000-000		MEDICARE TAX PAYABLE	-27.44

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Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-91.35
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-126.80
		Total	1,404.78

V1347 12/19/2018 MALONE, JOANNA
Pay period 11/17/2018 to 12/14/2018

Manual Check

100-00-51410-011-000		ELECTION-WAGES	87.50
		Total	87.50

V1348 12/19/2018 MEDENWALDT, TODD A.
Pay period 12/01/2018 to 12/14/2018

Manual Check

800-00-53610-100-680		SEWER-ADMINISTRATION SALARIES	1,087.60
600-00-53200-120-680		WATER WAGES	20.00
600-00-53200-120-680		WATER WAGES	1,087.60
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-202.63
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-136.10
100-00-21514-000-000		MEDICARE TAX PAYABLE	-31.83
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-97.64
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-210.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-147.08
		Total	1,369.92

V1349 12/19/2018 OLSON, KIMBERLY
Pay period 12/01/2018 to 12/14/2018

Manual Check

400-00-55140-100-000		LIBRARY COMPENSATION-SALARIES	37.45
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-2.32
100-00-21514-000-000		MEDICARE TAX PAYABLE	-0.54

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Check Nbr	Check Date	Payee	Amount
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-2.51
Total			32.08

V1350 12/19/2018 RANNOV, RICK K.

Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-52100-011-000		SCHOOL CROSS GUARD-WAGES	132.50
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-8.22
100-00-21514-000-000		MEDICARE TAX PAYABLE	-1.92
Total			122.36

V1351 12/19/2018 SMITH, DIANE

Pay period 11/17/2018 to 12/14/2018

Manual Check

100-00-51410-011-000		ELECTION-WAGES	178.13
Total			178.13

V1352 12/19/2018 SMITH, JOHN

Pay period 12/01/2018 to 12/14/2018

Manual Check

600-00-53200-120-680		WATER WAGES	1,784.80
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-163.45
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-110.66
100-00-21514-000-000		MEDICARE TAX PAYABLE	-25.88
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-80.36
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-100.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-119.58
Total			1,184.87

V1353 12/19/2018 SOYK, JOSHUA

Pay period 12/01/2018 to 12/14/2018

Manual Check

800-00-53610-120-680		SEWER- WAGES	93.26
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Check Nbr	Check Date	Payee	Amount
600-00-53200-120-680		WATER WAGES	20.00
600-00-53200-120-680		WATER WAGES	1,691.54
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-128.13
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-111.90
100-00-21514-000-000		MEDICARE TAX PAYABLE	-26.17
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-82.28
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-25.00
100-00-21535-000-000		DEFERRED COMPENSATION	-25.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-120.92
Total			1,285.40

V1354 12/19/2018 STUTTGEN, CRAIG
Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-53311-011-000		PUBLIC WORKS-WAGES	2,373.28
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-141.47
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-147.14
100-00-21514-000-000		MEDICARE TAX PAYABLE	-34.41
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-112.95
100-00-21537-000-000		DEFERRED COMP - WI RETIREMENT	-75.00
100-00-21535-000-000		DEFERRED COMPENSATION	-75.00
100-00-21520-000-000		RETIREMENT DEDUCTION PAYABLE	-159.01
Total			1,628.30

V1356 12/19/2018 WITTLINGER, JUDITH
Pay period 11/17/2018 to 12/14/2018

Manual Check

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Check Nbr	Check Date	Payee	Amount
100-00-51410-011-000		ELECTION-WAGES	213.75
Total			213.75

V1357 12/19/2018 WEICH, JESSICA
Pay period 12/01/2018 to 12/14/2018

Manual Check

100-00-51200-011-006		JUDICIAL - COURT CLERK WAGES	181.87
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	-5.00
100-00-21511-000-000		SOCIAL SECURITY TAX PAYABLE	-11.28
100-00-21514-000-000		MEDICARE TAX PAYABLE	-2.64
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	-10.00
Total			152.95

ACH-WE 12/03/2018 WE ENERGIES
407 W HEMLOCK ST

Manual Check

600-00-53200-000-620		WATER-UTILITIES 101 W ELEM ST 2859-117-536	0.00
600-00-53200-000-620		WATER-UTILITIES 609 E SPRUCE ST 0809-397-715	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARKS-407 W HEMLOCK STREET 0872-575-043	53.20
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARK 5TH AVE 4098-144-500	0.00
100-00-51600-000-000		CITY -BLDG MAINT CITY HALL 2270-836-132	0.00
800-00-53610-000-620		SEWER-UTILITIES 414 W BUTTERNUT ST 0065-397-202	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES GARAGE 4241-138-218	0.00
600-00-53200-000-620		WATER-UTILITIES 1ST ST PUMP 3644-448-414	0.00
800-00-53610-000-620		SEWER-UTILITIES 401 S 11TH ST 7234-632-857	0.00
Total			53.20

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EFT-FED 12/5/2018	12/05/2018	PAYROLL DEPOSITS - EFTPS PAYROLL	
		Manual Check	
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE PAYPERIOD 12/05/2018	6,383.76
		12052018	
		Total	6,383.76
ACH-BCBS DECEMBER 2018	12/03/2018	BLUE CROSS/BLUE SHIELD	
		Manual Check	
100-00-51432-000-000		GENERAL ADMIN-PREM HEALTH DECEMBER 2018	5,726.81
		Total	5,726.81
ACH-XCEL 52-5489993-9	12/10/2018	XCEL ENERGY WTR PLNT/WELL 1,4, 2	
		Manual Check	
600-00-53200-000-620		WATER-UTILITIES 52-5489993-9 - WTR PLNT/WELL 1,4, 2	0.00
100-00-51600-000-000		CITY -BLDG MAINT 52-5489994-0 - PARADE BLDG	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES 52-5489996-2 - GARAGE	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER 52-5489995-1 - PARK	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES RECYCLE CENTER	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 52-8843493-9 100 E LINDEN	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES STREET LIGHTING - UNMETERED	0.00
800-00-53610-000-620		SEWER-UTILITIES 52-8843493-9 203 E LINDEN - LIFT PUMP	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 511 W SPRUCE ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 204 E SPRUCE ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 215 N 1ST ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 52-8843494-0 100 OAK STREET	0.00

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Check Nbr	Check Date	Payee	Amount
100-00-51610-000-000		CITY HALL-ELECTRICITY	584.76
		52-8216975-3 CITY HALL	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		WWTP	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-5489992-8 - ELDER LIFT STATION	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-0010479486-2 401 S 11TH ST	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0150699-0 100Z W BUTTER ST- SIREN	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0011894484-1 UNIT SIGN	
Total			584.76

ACH-XCEL 12/10/2018 XCEL ENERGY
52-5489993-9 - WTR PLNT/WELL 1,4, 2

Manual Check

600-00-53200-000-620		WATER-UTILITIES	0.00
		52-5489993-9 - WTR PLNT/WELL 1,4, 2	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-5489994-0 - PARADE BLDG	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		52-5489996-2 - GARAGE	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
		52-5489995-1 - PARK	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		RECYCLE CENTER	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		52-8843493-9 100 E LINDEN	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		STREET LIGHTING - UNMETERED	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-8843493-9 203 E LINDEN - LIFT PUMP	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		511 W SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		204 E SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		215 N 1ST ST	

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-53420-000-000		STREET LIGHTING-UTILITIES	81.74
	52-8843494-0	100 OAK STREET	
100-00-51610-000-000		CITY HALL-ELECTRICITY	0.00
	52-8216975-3	CITY HALL	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		WWTP	
800-00-53610-000-620		SEWER-UTILITIES	0.00
	52-5489992-8	- ELDER LIFT STATION	
800-00-53610-000-620		SEWER-UTILITIES	0.00
	52-0010479486-2	401 S 11TH ST	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
	52-0150699-0	100Z W BUTTER ST- SIREN	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
	52-0011894484-1	UNIT SIGN	
Total			81.74
<hr/>			
ACH-XCEL	12/07/2018	XCEL ENERGY	
	52-5489993-9	- WTR PLNT/WELL 1,4, 2	
			Manual Check
600-00-53200-000-620		WATER-UTILITIES	0.00
	52-5489993-9	- WTR PLNT/WELL 1,4, 2	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
	52-5489994-0	- PARADE BLDG	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
	52-5489996-2	- GARAGE	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
	52-5489995-1	- PARK	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		RECYCLE CENTER	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
	52-8843493-9	100 E LINDEN	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		STREET LIGHTING - UNMETERED	
800-00-53610-000-620		SEWER-UTILITIES	0.00
	52-8843493-9	203 E LINDEN - LIFT PUMP	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		511 W SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		204 E SPRUCE ST	

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		215 N 1ST ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		52-8843494-0 100 OAK STREET	
100-00-51610-000-000		CITY HALL-ELECTRICITY	0.00
		52-8216975-3 CITY HALL	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		WWTP	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-5489992-8 - ELDER LIFT STATION	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-0010479486-2 401 S 11TH ST	
100-00-51600-000-000		CITY -BLDG MAINT	20.22
		52-0150699-0 100Z W BUTTER ST- SIREN	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0011894484-1 UNIT SIGN	
Total			20.22

ACH-XCEL 12/07/2018 XCEL ENERGY
52-5489993-9 - WTR PLNT/WELL 1,4, 2

Manual Check

600-00-53200-000-620		WATER-UTILITIES	0.00
		52-5489993-9 - WTR PLNT/WELL 1,4, 2	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-5489994-0 - PARADE BLDG	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		52-5489996-2 - GARAGE	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
		52-5489995-1 - PARK	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		RECYCLE CENTER	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		52-8843493-9 100 E LINDEN	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		STREET LIGHTING - UNMETERED	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-8843493-9 203 E LINDEN - LIFT PUMP	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		511 W SPRUCE ST	

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ALL Checks

Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
100-00-53420-000-000		STREET LIGHTING-UTILITIES 204 E SPRUCE ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 215 N 1ST ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 52-8843494-0 100 OAK STREET	0.00
100-00-51610-000-000		CITY HALL-ELECTRICITY 52-8216975-3 CITY HALL	0.00
800-00-53610-000-620		SEWER-UTILITIES WWTP	0.00
800-00-53610-000-620		SEWER-UTILITIES 52-5489992-8 - ELDER LIFT STATION	0.00
800-00-53610-000-620		SEWER-UTILITIES 52-0010479486-2 401 S 11TH ST	2,304.26
100-00-51600-000-000		CITY -BLDG MAINT 52-0150699-0 100Z W BUTTER ST- SIREN	0.00
100-00-51600-000-000		CITY -BLDG MAINT 52-0011894484-1 UNIT SIGN	0.00
Total			2,304.26

ACH-XCEL 12/04/2018 XCEL ENERGY
52-5489993-9 - WTR PLNT/WELL 1,4, 2

Manual Check

600-00-53200-000-620		WATER-UTILITIES 52-5489993-9 - WTR PLNT/WELL 1,4, 2	2,625.37
100-00-51600-000-000		CITY -BLDG MAINT 52-5489994-0 - PARADE BLDG	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES 52-5489996-2 - GARAGE	0.00
100-00-55200-013-000		PARKS/REC-PLAN, MAINT, OPER 52-5489995-1 - PARK	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES RECYCLE CENTER	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 52-8843493-9 100 E LINDEN	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES STREET LIGHTING - UNMETERED	0.00
800-00-53610-000-620		SEWER-UTILITIES 52-8843493-9 203 E LINDEN - LIFT PUMP	0.00

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-53420-000-000		STREET LIGHTING-UTILITIES 511 W SPRUCE ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 204 E SPRUCE ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 215 N 1ST ST	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 52-8843494-0 100 OAK STREET	0.00
100-00-51610-000-000		CITY HALL-ELECTRICITY 52-8216975-3 CITY HALL	0.00
800-00-53610-000-620		SEWER-UTILITIES WWTP	0.00
800-00-53610-000-620		SEWER-UTILITIES 52-5489992-8 - ELDER LIFT STATION	0.00
800-00-53610-000-620		SEWER-UTILITIES 52-0010479486-2 401 S 11TH ST	0.00
100-00-51600-000-000		CITY -BLDG MAINT 52-0150699-0 100Z W BUTTER ST- SIREN	0.00
100-00-51600-000-000		CITY -BLDG MAINT 52-0011894484-1 UNIT SIGN	0.00
Total			2,625.37

ACH-XCEL 12/17/2018 XCEL ENERGY
52-548996-2

Manual Check

600-00-53200-000-620		WATER-UTILITIES 52-5489993-9 - WTR PLNT/WELL 1,4, 2	0.00
100-00-51600-000-000		CITY -BLDG MAINT 52-5489994-0 - PARADE BLDG	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES 52-5489996-2 - GARAGE	2,569.25
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER 52-5489995-1 - PARK	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES RECYCLE CENTER	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES 52-8843493-9 100 E LINDEN	0.00
100-00-53420-000-000		STREET LIGHTING-UTILITIES STREET LIGHTING - UNMETERED	0.00

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-8843493-9 203 E LINDEN - LIFT PUMP	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		511 W SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		204 E SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		215 N 1ST ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		52-8843494-0 100 OAK STREET	
100-00-51610-000-000		CITY HALL-ELECTRICITY	0.00
		52-8216975-3 CITY HALL	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		WWTP	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-5489992-8 - ELDER LIFT STATION	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-0010479486-2 401 S 11TH ST	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0150699-0 100Z W BUTTER ST- SIREN	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0011894484-1 UNIT SIGN	
Total			2,569.25

DEBIT-CH 12/21/2018 AMAZON.COM
CITY HALL APC BATTERY REPLACEMENT

Manual Check

100-00-51600-000-000		CITY -BLDG MAINT	49.10
		REPLACEMENT BATTERY	
		1125489042-666666	
Total			49.10

DEBIT-WE 12/03/2018 WE ENERGIES
609 E SPRUCE ST

Manual Check

600-00-53200-000-620		WATER-UTILITIES	0.00
		101 W ELEM ST 2859-117-536	
600-00-53200-000-620		WATER-UTILITIES	21.27
		609 E SPRUCE ST 0809-397-715	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
		PARKS-407 W HEMLOCK STREET 0872-575-043	

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ALL Checks

Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARK 5TH AVE 4098-144-500	0.00
100-00-51600-000-000		CITY -BLDG MAINT CITY HALL 2270-836-132	0.00
800-00-53610-000-620		SEWER-UTILITIES 414 W BUTTERNUT ST 0065-397-202	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES GARAGE 4241-138-218	0.00
600-00-53200-000-620		WATER-UTILITIES 1ST ST PUMP 3644-448-414	0.00
800-00-53610-000-620		SEWER-UTILITIES 401 S 11TH ST 7234-632-857	0.00
Total			21.27

DEBIT-WE 12/03/2018 WE ENERGIES
203 N 1ST ST

Manual Check

600-00-53200-000-620		WATER-UTILITIES 101 W ELEM ST 2859-117-536	0.00
600-00-53200-000-620		WATER-UTILITIES 609 E SPRUCE ST 0809-397-715	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARKS-407 W HEMLOCK STREET 0872-575-043	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARK 5TH AVE 4098-144-500	0.00
100-00-51600-000-000		CITY -BLDG MAINT CITY HALL 2270-836-132	0.00
800-00-53610-000-620		SEWER-UTILITIES 414 W BUTTERNUT ST 0065-397-202	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES GARAGE 4241-138-218	0.00
600-00-53200-000-620		WATER-UTILITIES 1ST ST PUMP 3644-448-414	0.00
800-00-53610-000-620		SEWER-UTILITIES 401 S 11TH ST 7234-632-857	0.00
Total			0.00

DEBIT-WE 12/03/2018 WE ENERGIES
303 S 1ST ST UNIT 1

Manual Check

COMBINED CHECKING ACCOUNT

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Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
600-00-53200-000-620		WATER-UTILITIES 101 W ELEM ST 2859-117-536	0.00
600-00-53200-000-620		WATER-UTILITIES 609 E SPRUCE ST 0809-397-715	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARKS-407 W HEMLOCK STREET 0872-575-043	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARK 5TH AVE 4098-144-500	0.00
100-00-51600-000-000		CITY -BLDG MAINT CITY HALL 2270-836-132	0.00
800-00-53610-000-620		SEWER-UTILITIES 414 W BUTTERNUT ST 0065-397-202	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES GARAGE 4241-138-218	0.00
600-00-53200-000-620		WATER-UTILITIES 1ST ST PUMP 3644-448-414	50.76
800-00-53610-000-620		SEWER-UTILITIES 401 S 11TH ST 7234-632-857	0.00
Total			50.76

DEBIT-WE 12/03/2018 WE ENERGIES
206 N 5TH AVE

Manual Check

600-00-53200-000-620		WATER-UTILITIES 101 W ELEM ST 2859-117-536	0.00
600-00-53200-000-620		WATER-UTILITIES 609 E SPRUCE ST 0809-397-715	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARKS-407 W HEMLOCK STREET 0872-575-043	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARK 5TH AVE 4098-144-500	10.23
100-00-51600-000-000		CITY -BLDG MAINT CITY HALL 2270-836-132	0.00
800-00-53610-000-620		SEWER-UTILITIES 414 W BUTTERNUT ST 0065-397-202	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES GARAGE 4241-138-218	0.00
600-00-53200-000-620		WATER-UTILITIES 1ST ST PUMP 3644-448-414	0.00

COMBINED CHECKING ACCOUNT ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
800-00-53610-000-620		SEWER-UTILITIES 401 S 11TH ST 7234-632-857	0.00
Total			10.23
<hr/>			
DEBIT-WE	12/03/2018	WE ENERGIES 401 S 11TH ST	
			Manual Check
600-00-53200-000-620		WATER-UTILITIES 101 W ELEM ST 2859-117-536	0.00
600-00-53200-000-620		WATER-UTILITIES 609 E SPRUCE ST 0809-397-715	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARKS-407 W HEMLOCK STREET 0872-575-043	0.00
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER PARK 5TH AVE 4098-144-500	0.00
100-00-51600-000-000		CITY -BLDG MAINT CITY HALL 2270-836-132	0.00
800-00-53610-000-620		SEWER-UTILITIES 414 W BUTTERNUT ST 0065-397-202	0.00
100-00-53311-013-001		PUBLIC WORKS - UTILITIES GARAGE 4241-138-218	0.00
600-00-53200-000-620		WATER-UTILITIES 1ST ST PUMP 3644-448-414	0.00
800-00-53610-000-620		SEWER-UTILITIES 401 S 11TH ST 7234-632-857	15.31
Total			15.31
<hr/>			
ETF-ROTH	12/05/2018	PAYROLL - DEF COMP - ETF 12/05/2018 PAYROLL	
			Manual Check
100-00-21535-000-000		DEFERRED COMPENSATION PAYROLL DEPOSIT EMPOWER 12052018	95.00
Total			95.00
<hr/>			
ACH-EXCEL	12/12/2018	XCEL ENERGY 52-5489993-9 - WTR PLNT/WELL 1,4, 2	
			Manual Check
600-00-53200-000-620		WATER-UTILITIES 52-5489993-9 - WTR PLNT/WELL 1,4, 2	0.00
100-00-51600-000-000		CITY -BLDG MAINT 52-5489994-0 - PARADE BLDG	0.00

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		52-5489996-2 - GARAGE	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	0.00
		52-5489995-1 - PARK	
100-00-53311-013-001		PUBLIC WORKS - UTILITIES	0.00
		RECYCLE CENTER	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		52-8843493-9 100 E LINDEN	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		STREET LIGHTING - UNMETERED	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-8843493-9 203 E LINDEN - LIFT PUMP	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		511 W SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		204 E SPRUCE ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		215 N 1ST ST	
100-00-53420-000-000		STREET LIGHTING-UTILITIES	0.00
		52-8843494-0 100 OAK STREET	
100-00-51610-000-000		CITY HALL-ELECTRICITY	0.00
		52-8216975-3 CITY HALL	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		WWTP	
800-00-53610-000-620		SEWER-UTILITIES	99.76
		52-5489992-8 - ELDER LIFT STATION	
800-00-53610-000-620		SEWER-UTILITIES	0.00
		52-0010479486-2	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0150699-0 100Z W BUTTER ST- SIREN	
100-00-51600-000-000		CITY -BLDG MAINT	0.00
		52-0011894484-1 UNIT SIGN	
Total			99.76
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DEBIT-TIF	12/13/2018	POSTAGE	
		2018 TIF LOAN DOCUMENTS	
			Manual Check
960-00-51000-000-000		OPERATING SUPPLIES/EXPENSES	29.70
		TIF POSTAGE	
		2018 TIF	

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Posted From: 12/01/2018 From Account:
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Check Nbr	Check Date	Payee	Amount
Total			29.70
DEBIT-TIF	12/14/2018	POSTAGE	
		TIF POSTAGE	
		Manual Check	
960-00-51000-000-000		OPERATING SUPPLIES/EXPENSES	24.70
		TIF POSTAGE	
		2018 TIF	
Total			24.70
ETF-STATE	12/05/2018	PAYROLL DEPOSIT - STATE	
	12/5/2018	PAYROLL	
		Manual Check	
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	1,205.07
		PAYPERIOD 12/05/2018	
		12/05/2018	
Total			1,205.07
ETF-STATE	12/19/2018	PAYROLL DEPOSIT - STATE	
	12/19/2018	PAYROLL	
		Manual Check	
100-00-21513-000-000		STATE WITHHOLDING TAX PAYABLE	1,006.91
		PAYPERIOD 12/19/2018	
		12/19/2018	
Total			1,006.91
VOID 30023	12/27/2018	ROLAND MACHINERY COMPANY	
		VOID CK # 30023	
		Manual Check	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	-90.64
		GRADER MAINT	
		45035912	
Total			-90.64
VOID-29972	12/21/2018	MEIER FOREST PRODUCTS, INC	
		VOID CK 29972	
		Manual Check	
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	-280.00
		LUMBER FOR PARK	
Total			-280.00
VOID-29990	12/21/2018	ROLAND MACHINERY COMPANY	
		VOID CK 29990	
		Manual Check	
100-00-53311-013-015		PUBLIC WORKS - VEHICLE MNTCE	-95.03
		GRADER MAINT	
		45035862	
Total			-95.03
DEBIT-TAXES	11/30/2018	POSTMASTER	
		2018 PROPERTY TAX STAMPS	
Total			Manual Check

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ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
100-00-51401-002-000		CITY CLERK-SUPPLIES	251.63
		2018 PROPERTY TAX ENVELOPES	
		11302018	
		Total	251.63
DEBIT-WATER	12/03/2018	POSTMASTER	
		WATER SAMPLES	
		Manual Check	
600-00-53200-000-681		WATER-OFFICE SUPPLIES	49.40
		WATER SAMPLES	
		110518	
		Total	49.40
ETF-NORTH S	12/04/2018	NORTH SHORE BANK	
	12/5/2018	PAYROLL	
		Manual Check	
100-00-21535-000-000		DEFERRED COMPENSATION	225.00
		PAYROLL 12/05/2018	
		12052018	
		Total	225.00
ETF-PAYROLL	12/19/2018	PAYROLL - DEF COMP - ETF	
		PAYROLL 12/19/2018	
		Manual Check	
100-00-21535-000-000		DEFERRED COMPENSATION	95.00
		PAYROLL DEPOSIT EMPOWER	
		12192018	
		Total	95.00
ETF-PAYROLL	12/19/2018	NORTH SHORE BANK	
		PAYROLL 12/19/2018	
		Manual Check	
100-00-21535-000-000		DEFERRED COMPENSATION	225.00
		PAYROLL 12/19/2018	
		12192018	
		Total	225.00
ETF-PAYROLL	12/19/2018	PAYROLL DEPOSITS - EFTPS	
		PAYROLL 12/19/2018	
		Manual Check	
100-00-21512-000-000		U.S. WITHHOLDING TAX PAYABLE	5,153.41
		PAYPERIOD 12/19/2018	
		12192018	
		Total	5,153.41
DEBIT-AMAZON	5/09/2018	AMAZON.COM	
		AUDIO VISUAL	
		Manual Check	
400-00-55153-000-000		AUDIO VISUAL MATERIALS	12.96
		BATMAN NINJA	
		113-4143492-8319440	
		Total	12.96

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ACCT

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
DEBIT-LIB PO	11/09/2018	POSTAGE	
		LIBRARY POSTAGE	
			Manual Check
400-00-55163-000-000		POSTAGE	3.01
		POSTAGE	
		12042018	
			Total
			3.01
DEBIT-POSTAG	12/10/2018	POSTAGE	
		JENNIFER LOPEZ LETTER	
			Manual Check
100-00-51401-002-000		CITY CLERK-SUPPLIES	1.21
		POSTAGE FOR JENNIFER LOPEZ LETTER	
		12102018	
			Total
			1.21
DEBIT-POSTAG	12/19/2018	POSTAGE	
		2018 PROPERTY TAXES POSTAGE	
			Manual Check
100-00-51401-002-000		CITY CLERK-SUPPLIES	14.67
		2018 PROPERTY TAX POSTAGE	
		12192018	
			Total
			14.67
DEBIT-TIF PO	12/17/2018	POSTAGE	
		TIF - POSTAGE	
			Manual Check
960-00-51000-000-000		OPERATING SUPPLIES/EXPENSES	24.70
		TIF POSTAGE	
		2018 TIF	
			Total
			24.70
DEBIT-WAT PO	12/10/2018	POSTMASTER	
		WATER SAMPLE POSTAGE	
			Manual Check
600-00-53200-000-681		WATER-OFFICE SUPPLIES	49.40
		WATER SAMPLES	
		110518	
			Total
			49.40
ETF-12/19/18	12/19/2018	PAYROLL - DEF COMP - ETF	
		PAYROLL 12/19/2018	
			Manual Check
100-00-21535-000-000		DEFERRED COMPENSATION	507.00
		PAYROLL DEPOSIT EMPOWER	
		12192018	
			Total
			507.00
ETF-DEF COMP	12/05/2018	PAYROLL - DEF COMP - ETF	
		12/05/2018 PAYROLL	
			Manual Check
100-00-21535-000-000		DEFERRED COMPENSATION	507.00
		PAYROLL DEPOSIT EMPOWER	
		12052018	

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ACCT

COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

Check Nbr	Check Date	Payee	Amount
			Total 507.00
VOID - 29930	12/12/2018	UNITED HEALTH INSURACE	
VOID CK # 29930 - PAID ON LINE			Manual Check
100-00-51432-000-000		GENERAL ADMIN-PREM HEALTH	-2,757.75
JANUARY PREMIUM			JANUARY 2018 PREMIUM
			Total -2,757.75
VOID - 29964	12/21/2018	J.H. LARSON COMPANY	
VOID CK 29964			Manual Check
100-00-55200-013-000		PARKS/REC-PLAN,MAINT,OPER	-75.11
FLUORESCENT LAMP			S101861535.001
100-00-55200-005-000		BEAUTIFICATION	-38.51
ELECTRONIC PHOTE CONTROL ON WELCOME SIGN			S101866718.001
100-00-55200-005-000		BEAUTIFICATION	-33.03
LED LAMPS FROSTED			101873783.001
100-00-55200-005-000		BEAUTIFICATION	-131.93
FUSE, ANCHOR KIT			S101901264.001
			Total -278.58
			Grand Total 64,119.11

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COMBINED CHECKING ACCOUNT

ALL Checks

Posted From: 12/01/2018 From Account:
Thru: 12/31/2018 Thru Account:

	Amount
Total Expenditure from Fund # 100 - GENERAL FUND	33,528.09
Total Expenditure from Fund # 400 - LIBRARY	4,753.88
Total Expenditure from Fund # 600 - WATER UTILITY FUND	14,281.71
Total Expenditure from Fund # 800 - SEWER UTILITY FUND	10,937.87
Total Expenditure from Fund # 960 - TIF DISTRICT #6	617.56
Total Expenditure from all Funds	64,119.11

Progress Estimate

Contractor's Application

Project: Abbotsford 2018 Street and Utility						Application Number: 4						
						Application Date: 1/3/19						
A		B1			B2	C	D	E	F	G	H	I
Item		Bid	Unit	Unit	Bid	Work Completed			Materials Pres. Stored	Tot. Completed & Stored to Date		Balance to Finish (B - G)
Bid Item #	Description	Qty		Price	Value	From Prev. Application	Qty this Period	Value this Application	not in C or	\$	%	
										(C*B1 + E + F)	(G / B)	(B - G)
General												
1	Mobilization, Bonds and Insurance	1	LS	\$10,000.00	\$10,000.00	0.75	0.25	\$2,500.00	\$0.00	\$10,000.00	100%	\$0.00
2	Clearing and Grubbing	1	LS	\$14,100.00	\$14,100.00	1.00		\$0.00	\$0.00	\$14,100.00	100%	\$0.00
3	Traffic Control	1	LS	\$5,000.00	\$5,000.00	0.75	0.25	\$1,250.00	\$0.00	\$5,000.00	100%	\$0.00
4	Erosion Control	1	LS	\$3,500.00	\$3,500.00	0.75	0.25	\$875.00	\$0.00	\$3,500.00	100%	\$0.00
5	Concrete Quality Control	1	LS	\$2,600.00	\$2,600.00		1	\$2,600.00	\$0.00	\$2,600.00	100%	\$0.00
6	Site Maintenance and Restoration	1	LS	\$31,500.00	\$31,500.00		0.25	\$7,875.00	\$0.00	\$7,875.00	25%	\$23,625.00
7	Imported Granular Fill	20	CY	\$20.00	\$400.00			\$0.00	\$0.00	\$0.00	0%	\$400.00
8	Field Density Testing	7	EA	\$200.00	\$1,400.00			\$0.00	\$0.00	\$0.00	0%	\$1,400.00
9	2-Inch Rigid Polystyrene Insulation	640	SF	\$2.00	\$1,280.00	224.00		\$0.00	\$0.00	\$448.00	35%	\$832.00
10	Railroad Crossing Construction Requirements	1	LS	\$5,000.00	\$5,000.00			\$0.00	\$0.00	\$0.00	0%	\$5,000.00
11	Salvage Existing Pavement	5,440	SY	\$1.82	\$9,900.80	5,440.00		\$0.00	\$0.00	\$9,900.80	100%	\$0.00
Water Main												
12	Remove Existing Watermain	1	LS	\$5,000.00	\$5,000.00	1.00		\$0.00	\$0.00	\$5,000.00	100%	\$0.00
13	6-Inch PVC Water Main	50	LF	\$39.25	\$1,962.50	51.50		\$0.00	\$0.00	\$2,021.38	103%	-\$58.88
14	8-Inch PVC Water Main	1,530	LF	\$40.25	\$61,582.50	1,537.00		\$0.00	\$0.00	\$61,864.25	100%	-\$281.75
15	8-Inch Valve and Box	11	EA	\$1,500.00	\$16,500.00	12.00		\$0.00	\$0.00	\$18,000.00	109%	-\$1,500.00
16	6-Inch Valve and Box	4	EA	\$1,200.00	\$4,800.00	4.00		\$0.00	\$0.00	\$4,800.00	100%	\$0.00
17	8-Inch x 8-Inch Cross	2	EA	\$1,960.00	\$3,920.00	2.00		\$0.00	\$0.00	\$3,920.00	100%	\$0.00
18	8-Inch x 8-Inch Tee	1	EA	\$700.00	\$700.00	1.00		\$0.00	\$0.00	\$700.00	100%	\$0.00
19	8-Inch x 6-Inch Tee	4	EA	\$300.00	\$1,200.00	4.00		\$0.00	\$0.00	\$1,200.00	100%	\$0.00
20	8-Inch x 6-Inch Reducer	3	EA	\$825.00	\$2,475.00	3.00		\$0.00	\$0.00	\$2,475.00	100%	\$0.00
21	1-Inch HDPE Water Service	540	LF	\$28.10	\$15,174.00	563.00		\$0.00	\$0.00	\$15,820.30	104%	-\$646.30
22	1-Inch Corp., Curb Stop & Box (Saddle)	17	EA	\$425.00	\$7,225.00	19.00		\$0.00	\$0.00	\$8,075.00	112%	-\$850.00
23	Connect to Existing Water Service	17	EA	\$90.00	\$1,530.00	19.00		\$0.00	\$0.00	\$1,710.00	112%	-\$180.00
24	Connect to Existing Water Main	7	EA	\$600.00	\$4,200.00	7.00		\$0.00	\$0.00	\$4,200.00	100%	\$0.00
25	Fire Hydrant Complete	2	EA	\$3,350.00	\$6,700.00	3.00		\$0.00	\$0.00	\$10,050.00	150%	-\$3,350.00
26	Salvage and Reinstall Existing Hydrant	2	EA	\$1,050.00	\$2,100.00	1.00		\$0.00	\$0.00	\$1,050.00	50%	\$1,050.00
27	Temporary Water Service	1	LS	\$8,500.00	\$8,500.00	1.00		\$0.00	\$0.00	\$8,500.00	100%	\$0.00
Sanitary Service												
28	Sanitary Manhole, 4-Foot Diameter, Complete	5	EA	\$2,960.00	\$14,800.00	5.00		\$0.00	\$0.00	\$14,800.00	100%	\$0.00
29	Sanitary Manhole w/ Outside Drop, 4-Foot Dia	2	EA	\$4,810.00	\$9,620.00	2.00		\$0.00	\$0.00	\$9,620.00	100%	\$0.00
30	8-Inch PVC Sanitary Sewer	1,710	LF	\$46.50	\$79,515.00	1,709.00		\$0.00	\$0.00	\$79,468.50	100%	\$46.50
31	6-Inch PVC Sanitary Sewer Lateral	220	LF	\$35.75	\$7,865.00	157.00		\$0.00	\$0.00	\$5,612.75	71%	\$2,252.25
32	8-Inch x 6-Inch Sewer Wye	25	EA	\$85.00	\$2,125.00	20.00		\$0.00	\$0.00	\$1,700.00	80%	\$425.00
33	Connect to Existing Sanitary Sewer	9	EA	\$460.00	\$4,140.00	12.00		\$0.00	\$0.00	\$5,520.00	133%	-\$1,380.00
34	Connect to Existing Sanitary Lateral	25	EA	\$90.00	\$2,250.00	20.00		\$0.00	\$0.00	\$1,800.00	80%	\$450.00
35	Sanitary Sewer Lateral Investigation	1	LS	\$1,000.00	\$1,000.00	1.00		\$0.00	\$0.00	\$1,000.00	100%	\$0.00
36	Adjust Existing Sanitary Manhole and Casting	1	EA	\$750.00	\$750.00		1	\$750.00	\$0.00	\$750.00	100%	\$0.00

Item		Bid	Unit	Unit Price	Bid Value	Work Completed			Materials Pres. Stored not in C or	Tot. Completed & Stored to Date		Balance to Finish (B - G)
Bid Item #	Description					Qty	Price	Value		From Prev. Application	Qty this Period	
Storm Sewer												
37	Remove Storm Sewer	1	LS	\$3,000.00	\$3,000.00	1.00		\$0.00	\$0.00	\$3,000.00	100%	\$0.00
38	12-Inch HDPE Storm Sewer	375	LF	\$35.25	\$13,218.75	379.50		\$0.00	\$0.00	\$13,377.38	101%	-\$158.63
	15-Inch HDPE Storm Sewer	410	LF	\$37.30	\$15,293.00	404.00		\$0.00	\$0.00	\$15,069.20	99%	\$223.80
40	18-Inch HDPE Storm Sewer	110	LF	\$40.00	\$4,400.00	109.00		\$0.00	\$0.00	\$4,360.00	99%	\$40.00
41	Nyloplast 2-Ft x 3-Ft curb Inlet (24-Inch)	14	EA	\$2,650.00	\$37,100.00	14.00		\$0.00	\$0.00	\$37,100.00	100%	\$0.00
42	48-Inch Diameter Storm Manhole	4	EA	\$2,550.00	\$10,200.00	4.00		\$0.00	\$0.00	\$10,200.00	100%	\$0.00
43	Connect to Existing Storm Sewer	3	EA	\$800.00	\$2,400.00	3.00		\$0.00	\$0.00	\$2,400.00	100%	\$0.00
Roadway												
44	Unclassified Excavation and Grading	1	LS	\$68,000.00	\$68,000.00	1.00		\$0.00	\$0.00	\$68,000.00	100%	\$0.00
45	Excavation Below Subgrade (EBS)	200	CY	\$29.50	\$5,900.00		28	\$826.00	\$0.00	\$826.00	14%	\$5,074.00
46	4-Inch Asphaltic Concrete Pavement (2 Lifts)	6,350	SY	\$15.40	\$97,790.00		4458	\$68,653.20	\$0.00	\$68,653.20	70%	\$29,136.80
47	2-Inch Asphalt Driveway w/ Base	30	SY	\$32.50	\$975.00		30	\$975.00	\$0.00	\$975.00	100%	\$0.00
48	4-Inch Asphalt Driveway w/ Base	250	SY	\$33.50	\$8,375.00		273	\$9,145.50	\$0.00	\$9,145.50	109%	-\$770.50
49	30-Inch Curb & Gutter, Type L	3,100	LF	\$11.05	\$34,255.00	3,151.00	20	\$221.00	\$0.00	\$35,039.55	102%	-\$784.55
50	12-Inch Gravel Driveway (3/4 Inch CABC)	100	SY	\$11.11	\$1,111.00		100	\$1,111.00	\$0.00	\$1,111.00	100%	\$0.00
51	1 1/4 Inch Dense Graded Base (12-Inch Depth)	570	SY	\$8.17	\$4,656.90		570	\$4,656.90	\$0.00	\$4,656.90	100%	\$0.00
52	1 1/4 Inch Dense Graded Base (8-Inch Depth)	7,825	SY	\$6.11	\$47,810.75	6260	1686	\$10,301.46	\$0.00	\$48,550.06	102%	-\$739.31
53	Select Crush Material (16-Inch Depth)	7,825	SY	\$8.88	\$69,486.00	7825		\$0.00	\$0.00	\$69,486.00	100%	\$0.00
54	4-Inch Reinforced Concrete Sidewalk w/Base	11,400	SF	\$4.70	\$53,580.00	5700	5518	\$25,934.60	\$0.00	\$52,724.60	98%	\$855.40
55	6-Inch Reinforced Concrete Sidewalk w/Base	3,000	SF	\$5.45	\$16,350.00	1500	1744	\$9,504.80	\$0.00	\$17,679.80	108%	-\$1,329.80
56	6-Inch Concrete Driveway w/Base	270	SF	\$5.10	\$1,377.00		697	\$3,554.70	\$0.00	\$3,554.70	258%	-\$2,177.70
57	4-Inch Concrete Carriage Walk w/Base	215	SF	\$4.85	\$1,042.75		400	\$1,940.00	\$0.00	\$1,940.00	186%	-\$897.25
58	Detectable Warning Field	14	EA	\$360.00	\$5,040.00		12	\$4,320.00	\$0.00	\$4,320.00	86%	\$720.00
59	6-Inch HDPE Underdrain	320	LF	\$8.60	\$2,752.00	3025		\$0.00	\$0.00	\$26,015.00	945%	-\$23,263.00
60	Geotextile Fabric Type SAS	8,395	SY	\$2.00	\$16,790.00	8395	53	\$106.00	\$0.00	\$16,896.00	101%	-\$106.00
CHANGE ORDERS/ EXTRAS												
CHANGE ORDER #1												
	Clear and Grub/ Contract Extention	1	LS	\$2,520.00	\$2,520.00	1.00		\$0.00	\$0.00	\$2,520.00	100%	\$0.00
CHANGE ORDER #2												
	Core Drill Sanitary Manholes	1	LS	\$3,330.00	\$3,330.00	1.00		\$0.00	\$0.00	\$3,330.00	100%	\$0.00
TOTAL					\$877,067.95			\$157,100.16	\$0.00	\$844,010.86		\$33,057.09

EJCDC No. C-620 (2007 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Contractor's Application For Payment No. 3

To (Owner): City of Abbotsford	Application Period: 10/24/18 - 1/3/19	Application Date: 1/3/19
Project: Abbotsford Schilling Farm	From (Contractor): Haas Sons, Inc.	Notice to Proceed Date: 4/23/18
	Contract:	Via (Engineer): MSA Professional Services, Inc.
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 07681026

Application for Payment

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1		
TOTALS	\$0.00	\$0.00
NET CHANGE BY CHANGE ORDERS		\$0.00

1. ORIGINAL CONTRACT PRICE	\$	<u>1,151,238.52</u>
2. Net change by Change Orders	\$	<u>0.00</u>
3. CURRENT CONTRACT PRICE (Line 1 ± 2)	\$	<u>1,151,238.52</u>
4. TOTAL COMPLETED AND STORED TO DATE (Column G on Progress Estimate)	\$	<u>924,741.52</u>
5. RETAINAGE:		
a. <u>5</u> % x \$ _____ Work Completed	\$	<u>46,237.08</u>
b. <u>0</u> % x \$ _____ Stored Material	\$	<u>0.00</u>
c. Total Retainage (Line 5a + Line 5b)	\$	<u>46,237.08</u>
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	\$	<u>878,504.44</u>
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	\$	<u>511,875.58</u>
8. AMOUNT DUE THIS APPLICATION	\$	<u>366,628.86</u>
9. BALANCE TO FINISH, PLUS RETAINAGE (Column I on Progress Estimate + Line 5 above)	\$	<u>-239,141.50</u>

Contractor's Certification

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: Brandon Haas Date: 1-3-19

Payment of: \$366,628.86
(Line 8 or other - attach explanation of other amount)

is recommended by: Todd [Signature] January 3, 2019
(Engineer) (Date)

Payment of: \$366,628.86
(Line 8 or other - attach explanation of other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: _____ Funding Agency (if applicable) _____ (Date)

Progress Estimate

Contractor's Application

Project: Abbotsford Schilling Farm						Application Number: 3						
						Application Date: 1/3/19						
A		B1		B2		C	D	E	F	G	H	I
Item	Bid	Unit	Unit	Bid	Work Completed			Materials Pres. Stored	Tot. Completed & Stored to Date		Balance to Finish	
Bid Item #	Description	Qty	Price	Value	From Prev. Application	Qty this Period	Value this Application	not in C or D	\$ (C*B1 + E + F)	% (G / B)	(B - G)	
General												
1	Mobilization, Bonds & Insurance	1	LS	\$22,000.00	\$22,000.00	0.75		\$0.00	\$0.00	\$16,500.00	75%	\$5,500.00
2	Clearing and Grubbing	1	LS	\$10,000.00	\$10,000.00			\$0.00	\$0.00	\$0.00	0%	\$10,000.00
3	Traffic Control	1	LS	\$1,000.00	\$1,000.00	0.75	0.25	\$250.00	\$0.00	\$1,000.00	100%	\$0.00
4	Erosion Control	1	LS	\$2,000.00	\$2,000.00	1	0.25	\$500.00	\$0.00	\$2,500.00	125%	-\$500.00
5	Concrete Quality Control	1	LS	\$1,500.00	\$1,500.00			\$0.00	\$0.00	\$0.00	0%	\$1,500.00
6	Site Maintenance and Restoration	1	LS	\$6,700.00	\$6,700.00			\$0.00	\$0.00	\$0.00	0%	\$6,700.00
7	Field Density Testing	7	EA	\$200.00	\$1,400.00			\$0.00	\$0.00	\$0.00	0%	\$1,400.00
8	Silt Fence	2,000	LF	\$1.40	\$2,800.00	2061		\$0.00	\$0.00	\$2,885.40	103%	-\$85.40
9	Rip Rap	185	CY	\$48.00	\$8,880.00		185	\$8,880.00	\$0.00	\$8,880.00	100%	\$0.00
10	Erosion Mat Class I, Type A	8,006	SY	\$1.60	\$12,809.60			\$0.00	\$0.00	\$0.00	0%	\$12,809.60
11	Erosion Mat Class III, Type C	52	SY	\$2.00	\$104.00			\$0.00	\$0.00	\$0.00	0%	\$104.00
12	2-Inch Rigid Polystyrene Insulation	800	SF	\$2.00	\$1,600.00		800	\$1,600.00	\$0.00	\$1,600.00	100%	\$0.00
13	4-Inch Rigid Polystyrene Insulation	800	SF	\$3.00	\$2,400.00		800	\$2,400.00	\$0.00	\$2,400.00	100%	\$0.00
Water Main												
14	6-Inch PVC Water Main	249	LF	\$29.75	\$7,407.75	240		\$0.00	\$0.00	\$7,140.00	96%	\$267.75
15	8-Inch PVC Water Main	1,950	LF	\$33.00	\$64,350.00	1892	25	\$825.00	\$0.00	\$63,261.00	98%	\$1,089.00
16	8-Inch Valve and Box	8	EA	\$1,700.00	\$13,600.00	7	1	\$1,700.00	\$0.00	\$13,600.00	100%	\$0.00
17	6-Inch Valve and Box	7	EA	\$1,350.00	\$9,450.00	7		\$0.00	\$0.00	\$9,450.00	100%	\$0.00
18	8-Inch x 8-Inch Cross	3	EA	\$1,200.00	\$3,600.00	1		\$0.00	\$0.00	\$1,200.00	33%	\$2,400.00
19	8-Inch x 8-Inch Tee	1	EA	\$825.00	\$825.00	2		\$0.00	\$0.00	\$1,650.00	200%	-\$825.00
20	8-Inch x 6-Inch Tee	7	EA	\$675.00	\$4,725.00	7		\$0.00	\$0.00	\$4,725.00	100%	\$0.00
21	6-Inch Plug	3	EA	\$140.00	\$420.00	3		\$0.00	\$0.00	\$420.00	100%	\$0.00
22	8-Inch Plug	2	EA	\$185.00	\$370.00	2		\$0.00	\$0.00	\$370.00	100%	\$0.00
23	1-Inch HDPE Water Service	296	LF	\$23.50	\$6,956.00	295		\$0.00	\$0.00	\$6,932.50	100%	\$23.50
24	1-Inch Corporation, Curb Stop & Box (Saddle)	10	EA	\$375.00	\$3,750.00	10		\$0.00	\$0.00	\$3,750.00	100%	\$0.00
25	2-Inch HDPE Water Service	7	LF	\$24.50	\$171.50	10		\$0.00	\$0.00	\$245.00	143%	-\$73.50
26	2-Inch Corporation, Curb Stop & Box (Saddle)	1	EA	\$925.00	\$925.00	1		\$0.00	\$0.00	\$925.00	100%	\$0.00
27	Connect to Existing Water Main	2	EA	\$850.00	\$1,700.00	2		\$0.00	\$0.00	\$1,700.00	100%	\$0.00
28	Fire Hydrant complete	4	EA	\$3,750.00	\$15,000.00	4		\$0.00	\$0.00	\$15,000.00	100%	\$0.00
29	Remove, Salvage and Reinstall Existing Valve	1	EA	\$1,200.00	\$1,200.00			\$0.00	\$0.00	\$0.00	0%	\$1,200.00
30	Remove and Salvage Existing Tee	2	EA	\$505.00	\$1,010.00			\$0.00	\$0.00	\$0.00	0%	\$1,010.00
Sanitary Sewer												
				\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	#####	\$0.00
31	Sanitary Manhole, 4-Foot Diameter, Complete	4	EA	\$4,400.00	\$17,600.00	4		\$0.00	\$0.00	\$17,600.00	100%	\$0.00
32	Sanitary Manhole w/ Outside Drop, 4-Foot Dia	1	EA	\$5,900.00	\$5,900.00	1		\$0.00	\$0.00	\$5,900.00	100%	\$0.00
33	8-Inch PVC Sanitary Sewer	1,613	LF	\$48.80	\$78,714.40	1612		\$0.00	\$0.00	\$78,665.60	100%	\$48.80

Item		Bid	Unit	Unit	Bid	Work Completed			Materials Pres.	Tot. Completed & Stored to Date		Balance to Finish
Bid Item #	Description	Qty		Price	Value	From Prev. Application	Qty this Period	Value this Application	Stored not in C or E	\$ (C*B1 + E + F)	% (G / B)	(B - G)
34	6-Inch PVC Sanitary Sewer Lateral	463	LF	\$29.75	\$13,774.25	564		\$0.00	\$0.00	\$16,779.00	122%	-\$3,004.75
35	8-Inch x 6-Inch Sewer Wye	14	EA	\$200.00	\$2,800.00	14		\$0.00	\$0.00	\$2,800.00	100%	\$0.00
36	Connect to Existing Sanitary Sewer	1	EA	\$650.00	\$650.00	1		\$0.00	\$0.00	\$650.00	100%	\$0.00
Storm Sewer												
37	12-Inch HDPE Storm Sewer	453	LF	\$29.75	\$13,476.75	420		\$0.00	\$0.00	\$12,495.00	93%	\$981.75
38	15-Inch HDPE Storm Sewer	24	LF	\$31.75	\$762.00	60		\$0.00	\$0.00	\$1,905.00	250%	-\$1,143.00
39	18-Inch HDPE Storm Sewer	425	LF	\$34.00	\$14,450.00	451		\$0.00	\$0.00	\$15,334.00	106%	-\$884.00
40	24-Inch HDPE Storm Sewer	59	LF	\$49.50	\$2,920.50	69		\$0.00	\$0.00	\$3,415.50	117%	-\$495.00
41	30-Inch HDPE Storm Sewer	253	LF	\$55.25	\$13,978.25		253	\$13,978.25	\$0.00	\$13,978.25	100%	\$0.00
42	21-Inch Class III RCP Storm Sewer	140	LF	\$56.00	\$7,840.00			\$0.00	\$0.00	\$0.00	0%	\$7,840.00
43	36-Inch Class III RCP Storm Sewer	50	LF	\$93.00	\$4,650.00		50	\$4,650.00	\$0.00	\$4,650.00	100%	\$0.00
44	36-Inch Class III RCP Apron Endwall	1	EA	\$2,325.00	\$2,325.00		1	\$2,325.00	\$0.00	\$2,325.00	100%	\$0.00
45	Nyoplast 2-Ft x 3-Ft curb Inlet (24-Inch)	13	EA	\$3,400.00	\$44,200.00	13		\$0.00	\$0.00	\$44,200.00	100%	\$0.00
46	4-Foot Diameter Storm Manhole	1	EA	\$2,670.00	\$2,670.00	1		\$0.00	\$0.00	\$2,670.00	100%	\$0.00
47	5-Foot Diameter Storm Manhole	1	EA	\$4,850.00	\$4,850.00	1		\$0.00	\$0.00	\$4,850.00	100%	\$0.00
48	6-Foot Diameter Storm Manhole	1	EA	\$5,200.00	\$5,200.00	1		\$0.00	\$0.00	\$5,200.00	100%	\$0.00
49	Connect to Existing Storm Sewer/Manhole	4	EA	\$850.00	\$3,400.00	2		\$0.00	\$0.00	\$1,700.00	50%	\$1,700.00
50	Wet Detention Basin Excavation and Grading	1	LS	\$54,000.00	\$54,000.00	0.75	0.25	\$13,500.00	\$0.00	\$54,000.00	100%	\$0.00
51	Pond Outlet Structure (4-Foot) w/ Grate	1	LS	\$5,500.00	\$5,500.00		1	\$5,500.00	\$0.00	\$5,500.00	100%	\$0.00
Roadway												
52	Unclassified Excavation and Grading (Road and	1	LS	\$25,000.00	\$25,000.00	0.75	0.25	\$6,250.00	\$0.00	\$25,000.00	100%	\$0.00
53	Excavation Below subgrade (EBS)	150	CY	\$6.00	\$900.00			\$0.00	\$0.00	\$0.00	0%	\$900.00
54	2.25-Inch Lower Layer Asphaltic Concrete Pave	4,744	SY	\$9.20	\$43,644.80		3585	\$32,982.00	\$0.00	\$32,982.00	76%	\$10,662.80
55	1.75-Inch Upper Layer Asphaltic Concrete Pave	4,744	SY	\$8.10	\$38,426.40		213	\$1,725.30	\$0.00	\$1,725.30	4%	\$36,701.10
56	30-Inch Curb and Gutter, Type HM	2,392	LF	\$12.50	\$29,900.00	1970		\$0.00	\$0.00	\$24,625.00	82%	\$5,275.00
57	1 1/4 Inch Dense Graded Base (8-Inch Depth)	4,917	SY	\$5.11	\$25,125.87	4400	517	\$2,641.87	\$0.00	\$25,125.87	100%	\$0.00
58	Select Crush Material (16-Inch Depth)	4,917	SY	\$8.86	\$43,564.62	4400	517	\$4,580.62	\$0.00	\$43,564.62	100%	\$0.00
59	4-Inch Reinforced Concrete Sidewalk w/ Base	3,800	SF	\$0.50	\$1,900.00			\$0.00	\$0.00	\$0.00	0%	\$1,900.00
60	6-Inch Reinforced Concrete Sidewalk w/ Base	240	SF	\$6.40	\$1,536.00	240		\$0.00	\$0.00	\$1,536.00	100%	\$0.00
61	6-Inch Concrete Driveway w/ Base	486	SF	\$6.00	\$2,916.00	450		\$0.00	\$0.00	\$2,700.00	93%	\$216.00
62	6-Inch HDPE Underdrain	2,359	LF	\$8.10	\$19,107.90	1884	75	\$607.50	\$0.00	\$15,867.90	83%	\$3,240.00
63	Geotextile Fabric Type SAS	4,917	SY	\$2.00	\$9,834.00	4917		\$0.00	\$0.00	\$9,834.00	100%	\$0.00
Additive Alternate A												
General												
1	Mobilization, Bonds & Insurance	1	LS	\$2,500.00	\$2,500.00		0.5	\$1,250.00	\$0.00	\$1,250.00	50%	\$1,250.00
2	Traffic Control	1	LS	\$100.00	\$100.00		1	\$100.00	\$0.00	\$100.00	100%	\$0.00
3	Erosion Control	1	LS	\$500.00	\$500.00		1	\$500.00	\$0.00	\$500.00	100%	\$0.00
4	Concrete Quality Control	1	LS	\$500.00	\$500.00			\$0.00	\$0.00	\$0.00	0%	\$500.00
5	Site Maintenance and Restoration	1	LS	\$2,000.00	\$2,000.00			\$0.00	\$0.00	\$0.00	0%	\$2,000.00
6	Field Density Testing	3	EA	\$200.00	\$600.00			\$0.00	\$0.00	\$0.00	0%	\$600.00

Item		Bid	Unit	Unit	Bid	Work Completed			Materials Pres.	Tot. Completed & Stored to Date		Balance to Finish
Bid Item #	Description	Qty		Price	Value	From Prev. Application	Qty this Period	Value this Application	Stored not in C or E	\$ (C*B1 + E + F)	% (G / B)	(B - G)
Storm Sewer												
7	12-Inch HDPE Storm Sewer	91	LF	\$29.75	\$2,707.25		91	\$2,707.25	\$0.00	\$2,707.25	100%	\$0.00
8	15-Inch HDPE Storm Sewer	661	LF	\$31.75	\$20,986.75		661	\$20,986.75	\$0.00	\$20,986.75	100%	\$0.00
9	18-Inch HDPE Storm Sewer	37	LF	\$34.00	\$1,258.00		37	\$1,258.00	\$0.00	\$1,258.00	100%	\$0.00
10	21-Inch Class III RCP Storm Sewer	177	LF	\$56.00	\$9,912.00		174	\$9,744.00	\$0.00	\$9,744.00	98%	\$168.00
11	21-Inch Class III RCP Apron Endwall	1	EA	\$815.00	\$815.00		1	\$815.00	\$0.00	\$815.00	100%	\$0.00
12	Nyoplast 2-Ft x 3-Ft curb Inlet (24-Inch)	7	EA	\$4,400.00	\$30,800.00		7	\$30,800.00	\$0.00	\$30,800.00	100%	\$0.00
13	4-Foot Diameter Inlet Manhole	3	EA	\$2,750.00	\$8,250.00		3	\$8,250.00	\$0.00	\$8,250.00	100%	\$0.00
Roadway				\$0.00	\$0.00			\$0.00	\$0.00	\$0.00	#####	\$0.00
14	Unclassified Excavation and Grading (Road and	1	LS	\$12,000.00	\$12,000.00		1	\$12,000.00	\$0.00	\$12,000.00	100%	\$0.00
15	Excavation Below subgrade (EBS)	50	CY	\$6.00	\$300.00			\$0.00	\$0.00	\$0.00	0%	\$300.00
16	2.25-Inch Lower Layer Asphaltic Concrete Pave	2,184	SY	\$9.20	\$20,092.80			\$0.00	\$0.00	\$0.00	0%	\$20,092.80
17	1.75-Inch Upper Layer Asphaltic Concrete Pave	2,184	SY	\$8.20	\$17,908.80			\$0.00	\$0.00	\$0.00	0%	\$17,908.80
18	30-Inch Curb and Gutter, Type HM	1,228	LF	\$12.50	\$15,350.00			\$0.00	\$0.00	\$0.00	0%	\$15,350.00
19	1 1/4 Inch Dense Graded Base (8-Inch Depth)	2,797	SY	\$5.11	\$14,292.67		2797	\$14,292.67	\$0.00	\$14,292.67	100%	\$0.00
20	Select Crush Material (16-Inch Depth)	2,797	SY	\$8.86	\$24,781.42		2797	\$24,781.42	\$0.00	\$24,781.42	100%	\$0.00
21	6-Inch HDPE Underdrain	1,222	LF	\$8.10	\$9,898.20		1250	\$10,125.00	\$0.00	\$10,125.00	102%	-\$226.80
22	Geotextile Fabric Type SAS	2,797	SY	\$2.00	\$5,594.00		2797	\$5,594.00	\$0.00	\$5,594.00	100%	\$0.00
Additive Alternate B												
General												
1	Mobilization, Bonds & Insurance	1	LS	\$2,000.00	\$2,000.00		0.5	\$1,000.00	\$0.00	\$1,000.00	50%	\$1,000.00
2	Traffic Control	1	LS	\$100.00	\$100.00		1	\$100.00	\$0.00	\$100.00	100%	\$0.00
3	Erosion Control	1	LS	\$500.00	\$500.00		1	\$500.00	\$0.00	\$500.00	100%	\$0.00
4	Concrete Quality Control	1	LS	\$500.00	\$500.00			\$0.00	\$0.00	\$0.00	0%	\$500.00
5	Site Maintenance and Restoration	1	LS	\$2,000.00	\$2,000.00			\$0.00	\$0.00	\$0.00	0%	\$2,000.00
6	Field Density Testing	3	EA	\$200.00	\$600.00			\$0.00	\$0.00	\$0.00	0%	\$600.00
Water Main												
7	6-Inch PVC Water Main	22	LF	\$34.75	\$764.50		22	\$764.50	\$0.00	\$764.50	100%	\$0.00
8	8-Inch PVC Water Main	597	LF	\$33.00	\$19,701.00		575	\$18,975.00	\$0.00	\$18,975.00	96%	\$726.00
9	6-Inch Valve and Box	1	EA	\$1,350.00	\$1,350.00		1	\$1,350.00	\$0.00	\$1,350.00	100%	\$0.00
10	8-Inch x 6-Inch Tee	1	EA	\$675.00	\$675.00		1	\$675.00	\$0.00	\$675.00	100%	\$0.00
11	1-Inch HDPE Water Service	164	LF	\$23.50	\$3,854.00		164	\$3,854.00	\$0.00	\$3,854.00	100%	\$0.00
12	1-Inch Corporation, Curb Stop & Box (Saddle)	6	EA	\$375.00	\$2,250.00		6	\$2,250.00	\$0.00	\$2,250.00	100%	\$0.00
13	Connect to Existing Water Main	1	EA	\$850.00	\$850.00		1	\$850.00	\$0.00	\$850.00	100%	\$0.00
14	Fire Hydrant Complete	1	EA	\$3,750.00	\$3,750.00		1	\$3,750.00	\$0.00	\$3,750.00	100%	\$0.00
Sanitary Sewer												
15	Sanitary Manhole w/ Outside Drop, 4-Foot Dia	1	EA	\$5,350.00	\$5,350.00		1	\$5,350.00	\$0.00	\$5,350.00	100%	\$0.00
16	8-Inch PVC Sanitary Sewer	613	LF	\$43.75	\$26,818.75		588	\$25,725.00	\$0.00	\$25,725.00	96%	\$1,093.75

Item		Bid	Unit	Unit	Bid	Work Completed			Materials Pres.	Tot. Completed & Stored to Date		Balance to Finish
Bid Item #	Description	Qty		Price	Value	From Prev. Application	Qty this Period	Value this Application	Stored not in C or E	\$ (C*B1 + E + F)	% (G / B)	(B - G)
17	6-Inch PVC Sanitary Sewer Lateral	180	LF	\$27.50	\$4,950.00		195	\$5,362.50	\$0.00	\$5,362.50	108%	-\$412.50
18	8-Inch x 6-Inch Sewer Wye	6	EA	\$200.00	\$1,200.00		6	\$1,200.00	\$0.00	\$1,200.00	100%	\$0.00
19	Connect to Existing Sanitary Sewer	1	EA	\$550.00	\$550.00		1	\$550.00	\$0.00	\$550.00	100%	\$0.00
Roadway												
20	Unclassified Excavation and Grading (Road and	1	LS	\$12,000.00	\$12,000.00		1	\$12,000.00	\$0.00	\$12,000.00	100%	\$0.00
21	Excavation Below subgrade (EBS)	50	CY	\$6.00	\$300.00			\$0.00	\$0.00	\$0.00	0%	\$300.00
22	2.25-Inch Lower Layer Asphaltic Concrete Pav	2,342	SY	\$9.20	\$21,546.40			\$0.00	\$0.00	\$0.00	0%	\$21,546.40
23	1.75-Inch Upper Layer Asphaltic Concrete Pav	2,342	SY	\$8.20	\$19,204.40			\$0.00	\$0.00	\$0.00	0%	\$19,204.40
24	30-Inch Curb and Gutter, Type HM	1,243	LF	\$12.50	\$15,537.50			\$0.00	\$0.00	\$0.00	0%	\$15,537.50
25	1 1/4 Inch Dense Graded Base (8-Inch Depth)	2,817	SY	\$5.11	\$14,394.87		2817	\$14,394.87	\$0.00	\$14,394.87	100%	\$0.00
26	Select Crush Material (16-Inch Depth)	2,817	SY	\$8.86	\$24,958.62		2817	\$24,958.62	\$0.00	\$24,958.62	100%	\$0.00
27	6-Inch HDPE Underdrain	1,226	LF	\$7.00	\$8,582.00		1226	\$8,582.00	\$0.00	\$8,582.00	100%	\$0.00
28	Geotextile Fabric Type SAS	2,817	SY	\$2.00	\$5,634.00		2817	\$5,634.00	\$0.00	\$5,634.00	100%	\$0.00
CHANGE ORDERS/ EXTRAS												
CHANGE ORDER #1												
					\$0.00			\$0.00	\$0.00	\$0.00	#####	\$0.00
TOTAL					\$1,151,238.52			\$385,925.12	\$0.00	\$924,741.52		\$226,497.00

EJCDC No. C-620 (2007 Edition)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

\$ 737,674.71 Total Spent by the City
\$ (100.83) Unreimbursible Payroll
\$ (80.44) Unreimbursible Payroll
\$ (72.16) Unreimbursible Payroll
\$ (1,076.92) Unreimbursible Payroll
\$ (4,612.50) Unreimbursible Payroll
\$ (20,000.00) Unreimbursible Incentive

\$ 711,731.86 Total to be reimbursed to the city

Present Value	\$	(500,000.00)
Interest Rate		0.02
Term (years)		0.17
Compounding Periods		12.00
Future Value		\$501,652.95



MOBILE PILOT ABNR™ AGREEMENT

November 18, 2018

CONFIDENTIAL

FOR: ABBOTSFORD, WI
WASTEWATER TREATMENT
FACILITY



CLEARAS WATER RECOVERY
1500 CLARK FORK LN
MISSOULA, MT 59808
WWW.CLEARASWATER.COM

THE PARTIES

CLEARAS WATER RECOVERY (CWR): A technology solution provider and inventor of proprietary Advanced Biological Nutrient Recovery (ABNR™) technology.

ABBOTSFORD WASTEWATER TREATMENT FACILITY (ABBOTSFORD): A municipal wastewater treatment facility in the city of Abbotsford with interest in pursuing advanced nutrient recovery technologies.

MOBILE DEMONSTRATION PROJECT DEFINITION

Provide CWR's ABNR technology at Abbotsford to demonstrate efficient nutrient recovery and potential copper reduction from the secondary effluent.

It is anticipated that incoming Total Phosphorus (TP) will be approximately mg/L at the source identified above.

PRIMARY OBJECTIVES

1. Integrate the CWR mobile unit at Abbotsford to recover nutrients (phosphorus and nitrogen) from the secondary effluent stream.
2. Demonstrate potential copper reduction of the secondary effluent through the ABNR system.
3. Provide an education and training tool for Abbotsford board and staff to evaluate the potential for ABNR as a cost-effective and sustainable approach to nutrient recovery.

PROJECT DELIVERABLES

1. Deliver a modular ABNR system to Abbotsford capable of achieving the Primary Objectives of the project.
2. Project manage, operate and maintain the ABNR modular system in conjunction with Abbotsford staff.
3. Validate ABNR system performance:

Incoming TP Range [mg/L]	Permeate TP Range [mg/L]	Retention Time Required [min.]
X < 0.5	X < 0.04	X < 60
0.5 – 1.0	X < 0.04	X < 90
1.01 – 2.0	X < 0.04	X < 120
2.01 – 3.0	X < 0.04	X < 180
X > 3.0	X < 0.04	X > 180

4. Provide summary of results achieved and suggested next steps.
5. Deliver preliminary cost estimate for commercial build-out of ABNR technology.

PROJECT TESTING

A series of individual 80-gallon NRT tests will be performed throughout the duration of the pilot to ensure accuracy and correlation of results. The following tests will be performed by each of the responsible parties:

- CWR:
 - TP – on influent to ABNR and on effluent from ABNR for each batch performed.
 - NH₃ – on influent to ABNR and on effluent from ABNR for each batch performed.
 - DO – on influent to ABNR and on effluent from ABNR for each batch performed.
 - pH – monitored throughout the duration of each batch performed.
 - TN – on influent to ABNR and on effluent from ABNR for each batch performed.
 - Biomass Characterization – sample of algal biomass collected on the final day of testing.
- Abbotsford:
 - Has the option to perform as many tests, of a wide array of constituents, on influent and effluent as deemed necessary to provide confidence in the technology. This can be done by Abbotsford's in-house lab or sourced to Abbotsford's local lab (if applicable).
- 3rd Party Lab:
 - TP – on effluent from ABNR once daily.
 - Cu – on influent to ABNR, effluent from ABNR and algal biomass once daily.

Note that CWR is responsible for testing fees associated with the 3rd party lab testing specified above and these fees are included in the Project Costs defined below.

PROJECT COST

Based on recent conversations, multiple piloting options are available to Abbotsford (check one below):

- Option 1: Equipment, labor and services are provided to Abbotsford at a rate of \$6,500 per week. This will include 1 day for startup / commissioning purposes, 5 days of on-site testing, and 1 day of decommissioning.
- Option 2: Equipment, labor and services are provided to Abbotsford at a rate of \$6,500 for the first week and \$5,000 for the second week (\$11,500 total). This will include 1 day for startup / commissioning purposes, 12 days of on-site testing, and 1 day of decommissioning.

If Abbotsford would like to test other constituents beyond the CLEARAS Lab capabilities and the 3rd party lab testing provided, the testing will be the responsibility of the Abbotsford.

MOBILE PILOT SCHEDULE

Abbotsford agrees to a Mobile pilot estimated to start on 01/21/2019 and leaving on 01/27/2019.

PAYMENT TERMS

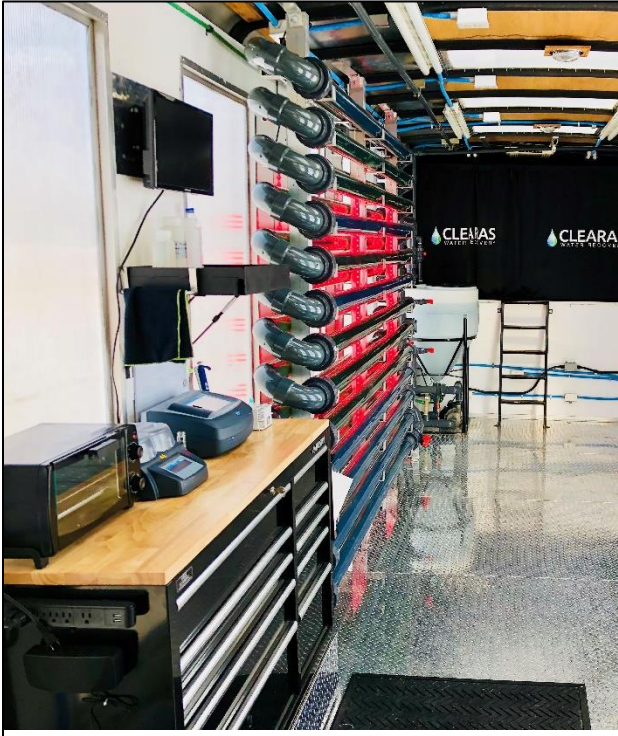
Paid-in-full upon completion of aforementioned Project Deliverables 1, 2, and 4 (Net 30 days).

SCOPE OF SUPPLYEquipment

CLEARAS mobile demonstration unit (pictures on next page):

- A complete small-scale ABNR reactor capable of treating up to 160 gallons per day on a batch basis (Dependent on TP in effluent stream).
- Dimensions:
 - On-site footprint: 12 ft. X 40 ft.
 - Approximate Weight: 10,000 lbs. max
- Capacity:
 - Treated Permeated Discharge
 - Nominal Flow: 80 gallons per batch and up to 160 gallons per day (or 2 batches) depending on TP in effluent stream.
- Foundation Preparation:
 - Level ground, cement if possible
- Electrical:
 - CLEARAS to provide:
 - All electrical within the mobile demonstration unit and connections to external power source(s)
 - **Abbotsford to provide:**
 - **240 Volt 30 AMP Breaker**
 - **Electrician for hookup**
- Water Source:
 - CLEARAS to provide: NA
 - **Abbotsford to provide:**
 - **Water to be treated from the sequencing batch reactor**
 - **Non-potable water source (Potable if possible but not required)**

MOBILE UNIT



MISCELLANEOUS PROVISIONS

1. **No Oral Amendment.** The provisions of this Agreement may not be waived, altered or amended, in whole or in part, without the written consent of The Parties.
2. **Complete Agreement.** This Agreement constitutes the full understanding of The Parties regarding its subject matter and supersedes any prior understanding or agreement, whether oral or written.
3. **Review of Agreement.** The Parties hereby represent and warrant to each other that each has had the opportunity to review this Agreement and that neither of The Parties shall deny the validity of this Agreement on the grounds that it did not understand the nature and consequences of this Agreement or did not have the advice of counsel.
4. **Execution.** This Agreement may be executed in counterparts, each of which will be deemed an original document, with the same force and effect as if all signatures appeared on one document. This Agreement also may be executed by facsimile or scanned signature with a copy of the signed original provided to counsel for The Parties by ordinary mail or email.
5. **Ownership of Mobile Test Unit.** The Mobile Test System referred to herein is the property of CWR. Nothing in this Agreement, or any superseding agreement or correspondence, shall conclude any transfer of its ownership.
6. **Confidentiality.** Information contained in this Agreement is subject to the terms of a mutual non-disclosure agreement between The Parties.
7. **Indemnification.** CWR agrees to indemnify and hold Abbotsford its employees, elected officials, and appointed officers harmless for any claims arising from damages or injury caused by CWR, its employees or agents to Abbotsford or third parties.
8. **Independent Contractor Status.** CWR is an independent contractor and is responsible for the wages, taxes, and workers compensation of those performing services under this Agreement.

Signature Page Follows

IN WITNESS WHEREOF, The Parties have entered into this Agreement as of the date of signature below.

CLEARAS Water Recovery, Inc.

Name (Print): _____

Signature: _____

Date: _____

ABBOTSFORD

Name (Print): _____

Signature: _____

Date: _____

ABBOTSFORD Billing Information

Bill To: _____

Address: _____

City, State, Zip: _____

Attn: _____

Email: _____

Phone: _____

P.O. #: _____

Special Billing Requirements
(If applicable list below)

Clearas Pilot

New WW Permit issued in April 2018

Copper Limit – 22 ug/l

Phosphorus Limit – 50 – 75 ug/l ???

Copper Limit needs to have a plan in place by April 2021

Phosphorus Limit had a variance issued on November 2017 due to the EPA uncertainty on limits

Copper has averaged 25 ug/l the last 7 months

Phosphorus has averaged 170 ug/l the last 7 months

Clearas Pilot Study – January 21 – January 27 - \$6,500

Clearas is a chemical free, biological based treatment to drastically reduce WW contaminant's

It uses algae to consume the C/P

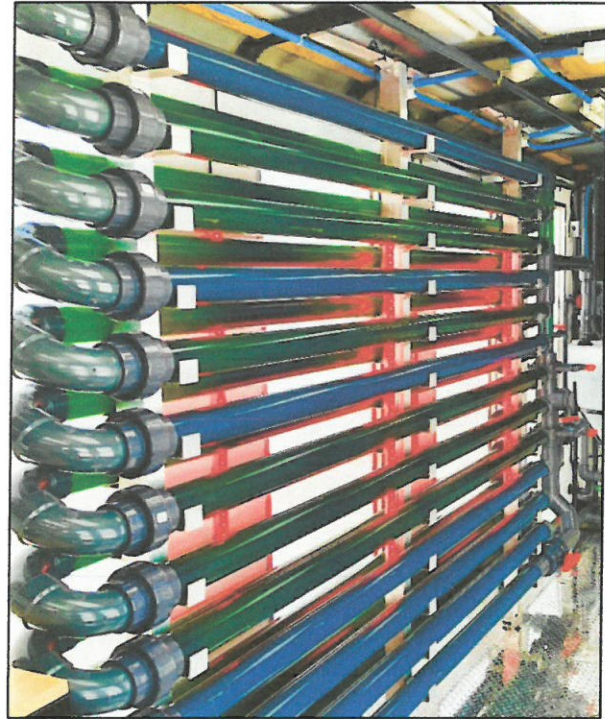
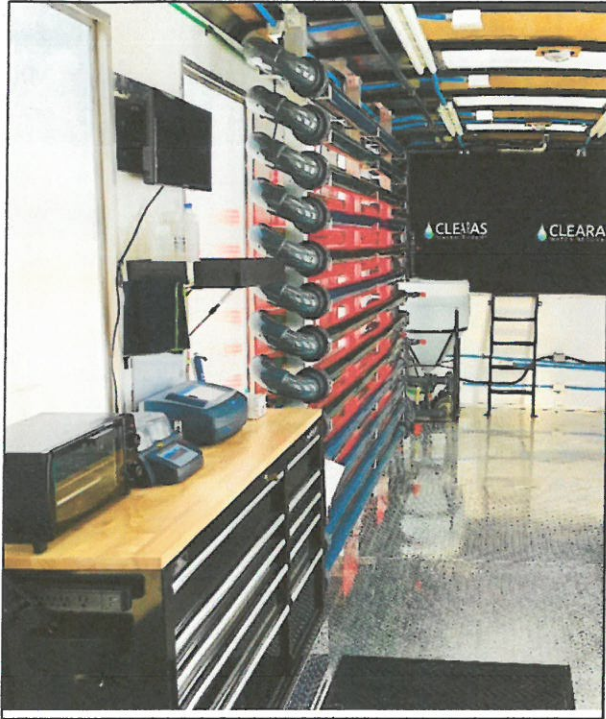
The algae is recovered from the treated effluent

That algae has some marketability

Rib Mountain-Roberts-Cambria

Montana based, Cedarburg distributor

MOBILE UNIT



WISCONSIN SELLER / SERVER CERTIFICATION

Trainee Name: Amy Klivickis

School Name: 360training.com, Inc.

Date of Completion: 12/07/2018

Certification #: WI-90826

I, 

Certify that the above named person
successfully completed an approved
Learn2Serve Seller/Server course.

COMPLIES WITH WISCONSIN STATUTES 125.04, 125.17, 134.66



Corporate Headquarters
6801 N Capital of Texas Hwy, Suite 150
Austin, TX 78731
P: 877.881.2235

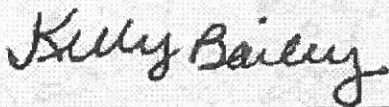
Wisconsin Responsible Beverage Seller Training

Amber Czerniak

has met all training requirements and successfully completed the above course and/or exam.

Certification Number: SL81432

Date of Completion: 04/25/2017



Authorized Signature

ServerLicense.com is approved by the Wisconsin Department of Revenue and fully complies with statutes 125.04 and 125.17. Present this certificate to your local municipal clerk's office to receive your Operator's or Retail license.

Diversys Learning, Inc.
1101 Arrow Point Drive, Suite 302
Cedar Park, TX 78613

Resolution 2019-1**Close the Dark Store Loopholes
Stop the Shift**

Whereas, home owners in Wisconsin already pay 70% of the total statewide property tax levy; and

Whereas, that disproportionate burden is about to get much worse unless the Legislature addresses tax avoidance strategies that national chains like Walgreens, and big box retail establishments like Target and Lowe's are using across the country to gain dramatic reductions in their property tax bills at the expense of homeowners and other taxpayers; and

Whereas, a carefully-orchestrated wave of 100s of lawsuits in Wisconsin is forcing assessors to slash the market value of thriving national retail stores, shifting their tax burden to local mom and pop shops and homeowners; and

Whereas, Walgreens and CVS stores in Wisconsin have argued in communities across the state that the assessed value of their property for property tax purposes should be less than half of their actual sale prices on the open market; and

Whereas, in many cases the courts have sided with Walgreens and CVS, requiring communities to refund tax revenue back to the stores; and

Whereas, there are over 200 Walgreens stores located in Wisconsin's cities and villages; and

Whereas, Target, Lowe's, Meijer, Menards and other big box chains are using what is known as the "Dark Store Theory" to argue that the assessed value of a new store in a thriving location should be based on comparing their buildings to sales of vacant stores in abandoned locations from a different market segment; and

Whereas, the Republican-controlled Indiana state Legislature has on two occasions in the last two years overwhelmingly passed legislation prohibiting assessors from valuing new big box stores the same as nearby abandoned stores from a different market segment; and

Whereas, the Michigan state house overwhelmingly passed similar legislation in May of 2016.

Now, Therefore, Be It Resolved, that the common council of the city of Abbotsford urges the Governor and the Legislature to protect homeowners and main street businesses from having even more of the property tax burden shifted to them by passing legislation clarifying that:

1. Leases are appropriately factored into the valuation of leased properties; and
2. When using the comparable sale method of valuation, assessors shall consider as comparable only those sales within the same market segment exhibiting a similar highest and best use rather than similarly sized but vacant properties in abandoned locations.

Furthermore, the City Council/Village Board directs the Clerk to send a copy of this resolution to our State Legislators, Governor Tony Evers and to the League of Wisconsin Municipalities.

Lori Voss – Mayor

Dan Grady – Administrator/Clerk/Treasurer

Date

Approved by the Common Council of the City of Abbotsford, Wisconsin this 7th day of January 2019

Ald. Anders –

Ald. Horacek-

Ald. Totzke -

Ald. Clement –

Ald. Huther –

Ald. Faber –

Ald. Weideman –

Ald. Kramer –

MEMORANDUM OF LEASE

Document Number

THIS MEMORANDUM OF LEASE is made and entered into by and between City of Abbotsford, who acquired title as the Village of Abbotsford, whose address is P.O. Box 589, 203 North First Street, Abbotsford, Wisconsin 54405, hereinafter referred to as "Landlord", and United States Cellular Operating Company LLC, a Delaware limited liability company, whose address is Attention: Real Estate Lease Administration, 8410 West Bryn Mawr Avenue, Chicago, Illinois, 60631, hereinafter referred to as "Tenant."

WITNESSETH:

WHEREAS, by the terms of a certain Ground Lease, entered into on the ___ of _____, 20___, ("the Lease"), the Landlord granted Tenant the option to lease certain property and agreed to grant Tenant certain easements, all being more particularly bounded and described as set forth in Exhibit "A" attached hereto and made a part hereof (the "Premises") upon the terms and conditions set forth in the Lease; and

WHEREAS, the Landlord and the Tenant desire to execute this Memorandum of Lease to evidence said Lease and certain of the terms therein for the purpose of placing the same of record in the Clerk's Office for Clark County, State of Wisconsin.

Recording Area

Name and Return Address:
United States Cellular Operating Company LLC
8410 W. Bryn Mawr Ave.
Chicago, IL 60631
Site Name/Number: Abbotsford/808322

This is not a Real Estate conveyance. No transfer tax is required under Wis. Statutes 77.21 & 77.22. This is a lease for less than 99 years.

Parcel Identification Number (PIN) 201.0251.000

NOW THEREFORE, in consideration of the sum of Ten (\$10.00) Dollars and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Landlord does hereby grant Tenant the option to lease the Premises and obtain certain easements upon the terms and conditions of the Lease which is incorporated herein by specific reference, and do agree as follows:

1. The Lease gives Tenant the option to lease the property, exercisable at Tenant's sole discretion, for a period of eighteen (18) months commencing on the ___ day of _____, 20___. Tenant may, at its sole discretion, extend the option term for an additional six (6) months.
2. In the event Tenant exercises the option, in its sole discretion, then the Landlord shall lease the property to the Tenant for an initial lease term of five (5) years commencing on the date that Tenant begins construction. The Lease provides for renewal terms that may extend the term of the lease for up to five (5) additional five (5) year terms which may be exercised upon the terms and conditions more particularly as set forth in the Lease.
3. If Tenant exercises the option, then Landlord also makes certain grants of easement for access and utilities, as more particularly described on the attached Exhibit A, which easements are in effect throughout the term of the Lease as renewed or extended, subject to terms and conditions as set forth in the Lease.
4. Tenant (or its assignee or designee) shall have a right of first refusal to purchase one or more of the following interests, (a) fee ownership of all or any part of the Premises; (b) any easement rights in or over all or any part of the Premises; or (c) all or any part of Landlord's interest in or rights under the Lease (each, "Landlord's Interest") whenever Landlord receives a bona fide offer from an unrelated third party to purchase directly or indirectly, all or any part of Landlord's Interest that Landlord desires to accept in accordance with the terms and conditions more particularly set forth in the Lease.

EXHIBIT A

Legal Description of Leasehold Parcel, Access Easement, and Utility Easement

LEASEHOLD PARCEL

A part of Lot One (1) of Certified Survey Map No 1748, Volume 854, Page 789, Document No 562720 of Clark County Records and being located in the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section Thirty-Six (36); Township Twenty-Nine (29) North, Range One (1) East, City of Abbotsford, Clark County, Wisconsin containing 625 square feet (0.014 acres) of land and being described by:

Commencing at the Northwest Corner of said lot 1; thence S00°-09'-23"E 67.77 feet along the West line of said Lot 1 (also being the East line of a public alley; thence N89°-50'-37"E 10.00 feet to the point of beginning; thence N00°-09'-23"W 25.00 feet; thence N89°-50'-37"E 25.00 feet; thence S00°-09'-23"E 25.00 feet; thence S89°-50'-37"W 25.00 feet to the point of beginning, being subject to any and all easements and restrictions of record.

ACCESS & UTILITY EASEMENT

A part of Lot One (1) of Certified Survey Map No 1748, Volume 854, Page 789, Document No 562720 of Clark County Records and being located in the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section Thirty-Six (36); Township Twenty-Nine (29) North, Range One (1) East, City of Abbotsford, Clark County, Wisconsin containing 1,429 square feet (0.033 acres) of land and being described by:

Commencing at the Northwest Corner of said lot 1 and the point of beginning; thence N88°-29'-32"E 9.93 feet along the North line of said Lot 1 (also being the South line of W. Sycamore Street; thence S01°-30'-28"E 3.00 feet; thence N89°-50'-37"E 50.00 feet; thence S00°-09'-23"E 15.00 feet; thence S89°-50'-37"W 50.00 feet; thence S00°-09'-23"E 50.00 feet; thence S89°-50'-37"W 10.00 feet to a point on the East line of a public alley; thence N00°-09'-23"W 67.77 feet along said East line to the point of beginning, being subject to any and all easements and restrictions of record.

GROUND LEASE

This Ground Lease ("Lease") is made and entered into by and between City of Abbotsford, who acquired title as the Village of Abbotsford, having an address at P.O. Box 589, 203 North First Street, Abbotsford, Wisconsin 54405, hereinafter referred to as "Landlord," and United States Cellular Operating Company LLC, a Delaware limited liability company, having an address at Attention: Real Estate Lease Administration, 8410 West Bryn Mawr Avenue, Chicago, Illinois 60631, hereinafter referred to as "Tenant."

WHEREAS, Landlord is the fee owner of property with an address of 122 Sycamore Street located in the City of Abbotsford, County of Clark, State of Wisconsin legally described in Exhibit A attached hereto and incorporated by reference (the "Landlord's Parcel").

WHEREAS, Tenant desires to occupy, and Landlord is willing to provide Tenant such Premises (as hereinafter defined) on the Landlord's Parcel for Tenant's use, as set forth in this Lease.

NOW THEREFORE, in consideration of the mutual promises, conditions, and other good and valuable consideration of the parties hereto, it is covenanted and agreed as follows:

1. Option to Lease.

- a. Landlord hereby grants to Tenant an option (the "Option") to lease from Landlord the following described parcel (the "Leasehold Parcel"):

Approximate dimensions: 25' x 25'

Approximate square footage: 625

Legal descriptions of the Landlord's Parcel and the Tenant's Premises are attached hereto as Exhibit A and a Site Plan of the Leasehold Parcel is attached to the lease as Exhibit B.

- b. During the Initial Option Term (as hereinafter defined) and any Extended Option Term (as hereinafter defined), and during the Initial Term (as hereinafter defined) and any Renewal Term (as hereinafter defined) of this Lease, Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Leasehold Parcel to inspect, examine, conduct soil borings, drainage testing, material sampling, and other geological or engineering tests or studies of the Leasehold Parcel (collectively the "Tests"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises (as hereinafter defined) and include without limitation applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively referred to as "Governmental Approvals"), and otherwise to do those things on or off the Leasehold Parcel that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Leasehold Parcel, the environmental history of the Leasehold Parcel, Landlord's title to the Leasehold Parcel, and the feasibility or suitability of the Leasehold Parcel for Tenant's Permitted Use (as hereinafter defined), all at Tenant's expense. Tenant

will not be liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Leasehold Parcel, whether or not such defect or condition is disclosed by Tenant's inspection.

- c. In consideration of Landlord granting Tenant the Option, Tenant hereby agrees to pay Landlord the sum of Six Hundred dollars (\$600.00) within fifteen (15) days of full execution of this Lease by Landlord and Tenant. The Option will be for an initial term of eighteen (18) months (the "Initial Option Term") and may be renewed by Tenant, at the election of Tenant, for an additional six (6) months ("Extended Option Term") upon written notification to Landlord and the payment of an additional Six Hundred dollars (\$600.00) no later than fifteen (15) days prior to the expiration date of the Initial Option Term. Landlord shall provide a complete and accurate IRS form W9 to Tenant for the Payee of the Option sum prior to payment thereof.
 - d. During the Initial Option Term and during the Extended Option Term, if any, as the case may be, Tenant may exercise the Option by notifying Landlord in writing at any time prior to the expiration of the Initial Option Term and the Extended Option Term, if any, as the case may be. The date stated on such notice will be the Commencement Date of the Lease. If Tenant exercises the Option, then Landlord shall lease the Premises (as hereinafter defined) to the Tenant on, and subject to, the terms and conditions of this Lease.
2. Grant of Easements. Landlord hereby grants to Tenant an access easement thirty (30) feet in width from the Leasehold Parcel to the nearest accessible public right-of-way (the "Access Easement") and a utility easement ten (10) feet in width to the nearest suitable utility company-approved service connection points (the "Utility Easement"); the Access Easement and the Utility Easement are collectively referred to herein as the "Easements"; the lands underlying the Access Easement and the Utility Easement are collectively referred to herein as the "Easement Parcels," which Easement Parcels are further described in Exhibits "A" & "B" attached hereto and incorporated herein). The Easements granted herein shall include, but not be limited to,
- a. The right to clear vegetation, cut timber, and move earthen materials upon the Easement Parcels,
 - b. The right to improve an access road within the Access Easement Parcel,
 - c. The right to place use, repair, replace, modify and upgrade utility lines and related infrastructure and equipment within the Utility Easement Parcel,
 - d. The right to enter and temporarily rest upon Landlord's adjacent lands for the purposes of
 - (i) Installing, repairing, replacing and removing the Improvements (as defined below) and any other personal property of Tenant from the Leasehold Parcel and
 - (ii) Improving the Easement Parcels, including the right to bring in and use all necessary tools and machinery, and
 - e. The right of pedestrian and vehicular ingress and egress to and from the Leasehold Parcel at any time over and upon the Access Easement Parcel. The Leasehold Parcel

and the Easement Parcels are collectively referred to herein as the "Premises." Landlord agrees to make such additional direct grants of easement, such grants not to be unreasonably withheld, conditioned or delayed, as Tenant may request in order to further the purposes for which Tenant has been granted the easements set forth in this Section 2.

3. Use of the Premises. Tenant shall be entitled to use the Premises to construct, operate, modify as necessary, and maintain thereon a communications antenna tower (including aviation hazard lights when required), an access road, one or more equipment buildings, back-up power devices and a security fence, together with all necessary lines, anchors, connections, devices, legally required signage and equipment for the transmission, reception, encryption, and translation of voice and data signals by means of radio frequency energy and landline carriage (collectively, the "Improvements"); Tenant's use described in this Section 3 is hereinafter referred to as the ("Permitted Use"). Tenant shall have unlimited access to the Premises 24 hours per day, 7 days a week.
4. Term of Lease. In the event Tenant, in Tenant's sole discretion, exercises the Option, the initial Lease term will be five (5) years (the "Initial Term"), commencing upon the Commencement Date and terminating at midnight on the day in which the fifth (5th) anniversary of the Commencement Date falls.
5. Option to Renew. The Initial Term of this Lease shall automatically extend for up to five (5) additional terms of five (5) years each (each, a "Renewal Term"), upon a continuation of all the same provisions hereof, unless Tenant gives Landlord written notice of Tenant's intention to terminate the Lease at least sixty (60) days before the expiration of the Initial Term or any Renewal Term.
6. Option to Terminate. Tenant shall have the unilateral right to terminate this Lease at any time by giving Landlord written notice of the date of such termination ("Termination Date"). The Indemnification obligations of each party contained in Section 12 and Tenant's requirement to remove improvements as provided in Section 20 shall survive termination of the Lease.
7. Rent. Tenant shall pay Rent to Landlord in the amount of Six Hundred dollars (\$600.00) per month, the first payment of which shall be due within thirty (30) days of the Commencement Date, and installments thereafter on the first day of each calendar month, provided that Landlord shall submit to Tenant a complete and accurate IRS form W9 prior to Tenant's first payment of Rent. Landlord shall specify the name, address, and taxpayer identification number of a sole payee (or maximum two joint payees) who shall receive Rent on behalf of the Landlord. Rent will be prorated for any partial month. Any change to the Payee must be requested in accordance with the Notice provision herein, and a new IRS form W9 must be supplied prior to payment by Tenant to the new Payee.
8. Adjusted Rent. At the beginning of each Renewal Term throughout the duration of the Lease as renewed and extended, the Rent shall be increased by ten percent (10%) over the previous term's Rent.
9. Utilities. Tenant shall solely and independently be responsible for all costs of providing utilities to the Premises, including the separate metering, billing, and payment of utility services consumed by Tenant's operations. The word "utilities" shall mean any service that

is necessary for the Tenant to conduct its operations on the Premises and “utility services” shall mean any provider who provides utility services or utility related infrastructure so that the Tenant can conduct its Permitted Use on the Premises.

10. Property Taxes. Landlord shall pay prior to delinquency any real estate taxes attributable to Landlord’s Parcel. Tenant shall pay prior to delinquency any personal property taxes levied against Tenant’s Improvements. Tenant shall pay to Landlord upon Landlord's demand, any increase in real property taxes levied against Landlord’s Parcel which is attributable to Tenant's use or Improvements, provided that Landlord agrees to furnish reasonable documentation of such increase to Tenant. Furthermore, Landlord agrees to give timely notice to Tenant in the event it is notified of an assessment valuation change, or a change in property status. Landlord agrees that Tenant shall have the right to appeal any such change in status or any increase in real estate assessment for the Leasehold Parcel or Tenant’s Improvements, and Landlord will reasonably cooperate, but at no cost to Landlord, with any such appeal by Tenant. Tenant shall only be responsible for property tax reimbursements requested by Landlord within one (1) year of payment of such property taxes by Landlord. Landlord’s requests to Tenant for reimbursement of such property taxes should be addressed to:

U.S. Cellular®
 Attention: 808322
 P.O. Box 31369
 Chicago, IL 60631-0369

In order to ensure that Tenant’s leasehold interest is not extinguished in the event that the real property taxes related to Landlord’s Parcel become delinquent, Tenant shall have the right, but not the obligation, to pay delinquent real property taxes related to Landlord’s Parcel. Tenant shall be entitled to take a credit against the Rent under this lease for any such taxes paid by Tenant that exceed Tenant’s proportionate share thereof.

11. Repairs and Maintenance. Tenant shall be responsible for all repairs and maintenance of the Improvements, including, if applicable, snow removal if Tenant has exclusive control over its access road, and may at its own expense alter or modify the Improvements to suit its needs consistent with the intended use of the Premises. Landlord will maintain the areas surrounding Tenant’s Premises. Landlord’s maintenance shall include, but is not limited to, if applicable, snow removal if all of or part of the Access Easement is shared between the parties.
12. Mutual Indemnification.
- a. To the extent permitted by law, Tenant agrees to defend, indemnify and save harmless Landlord from and against all claims, losses, costs, expenses, or damages from a third party, arising from
- (i) The negligence or willful misconduct of Tenant, or its agents, employees, or contractors; or
 - (ii) Any material breach by Tenant of any provision of this Lease. This indemnity and hold harmless agreement will include indemnity against all reasonable costs, expenses, and liabilities incurred in or in connection with

any such claim, and the defense thereof. Notwithstanding the foregoing, Tenant will have no liability to Landlord to the extent any claims, losses, costs, expenses, or damages arise out of or result from any act, omission, or negligence of Landlord, or of Landlord's agents, employees or contractors.

- b. To the extent permitted by law, Landlord agrees to defend, indemnify and save harmless Tenant from and against all claims, losses, costs, expenses, or damages from a third party, arising from
 - (i) The negligence or willful misconduct of Landlord or its agents, employees, or contractors; or
 - (ii) Any material breach by Landlord of any provision of this Lease. This indemnity and hold harmless agreement will include indemnity against all reasonable costs, expenses, and liabilities incurred in or in connection with any such claim, and the defense thereof. Notwithstanding the foregoing, Landlord will have no liability to Tenant to the extent any claims, losses, costs, expenses, or damages arise out of or result from any act, omission, or negligence of Tenant, or of Tenant's, agents, employees or contractors.

13. Insurance.

- a. Tenant shall maintain commercial general liability insurance insuring against liability for bodily injury, death or damage to personal property with combined single limits of One Million and No/100 Dollars (\$1,000,000). In addition, Tenant shall maintain worker's compensation in statutory amounts, employer's liability insurance with combined single limits of One Million and No/100 Dollars (\$1,000,000); automobile liability insurance insuring against claims for bodily injury or property damage with combined single limits of One Million and No/100 Dollars (\$1,000,000); and all risk property insurance covering all personal property of Tenant for full replacement value. Tenant shall provide Landlord with evidence of such insurance in the form of a certificate of insurance prior to obtaining occupancy of the Premises and throughout the term of this Lease or any Renewal Term.
- b. Landlord shall maintain general liability insurance insuring against liability for bodily injury, death or damage to personal property with combined single limits of One Million and No/100 Dollars (\$1,000,000). In addition, to the extent required by law, Landlord shall maintain worker's compensation in statutory amounts and employer's liability insurance with combined single limits of One Million and No/100 Dollars (\$1,000,000). Landlord shall provide Tenant with evidence of such insurance in the form of a certificate of insurance prior to Tenant obtaining occupancy and throughout the term of this Lease or any Renewal Term.

14. Default. Tenant shall be in default of this Lease if Tenant fails to make a payment of rent when due and such failure continues for fifteen (15) days after Landlord notifies Tenant in writing of such failure. If Landlord or Tenant fails to comply with any non-monetary provision of this Lease, the other party shall serve written notice of such failure upon the defaulting party, whereupon a grace period of thirty (30) days shall commence to run during which the defaulting party shall undertake and diligently pursue a cure of such

failure at its sole cost and expense. Such grace period shall automatically be extended for an additional thirty (30) days, provided the defaulting party makes a good faith showing that efforts toward a cure are continuing.

15. Compliance with Laws. Tenant shall, at Tenant's cost and expense, comply with all federal, state, county or local laws, rules, regulations and ordinances now or hereafter enacted by any governmental authority or administrative agency having jurisdiction over the Premises and Tenant's operations thereupon.
16. Assignment of Lease by Tenant. This Lease shall be freely assignable by the Tenant to any other party without the necessity of obtaining Landlord's consent. Tenant's right to effect an outright transfer of the Lease, and the right of any collateral assignee to seize the Premises as defaulted security, is subject only to the limitation that the Premises shall be used for the purposes permitted herein. Tenant shall notify Landlord in writing of the name and address of any assignee or collateral assignee.
17. Subleasing. Tenant shall have the unreserved and unqualified right to sublet or license the tower space portion of the Premises to subtenants without the necessity of obtaining Landlord's consent. Any future subtenant of the tower shall be required to enter into a separate agreement for ground space with the Landlord as a condition of subleasing tower space from the Tenant.
18. Right of First Refusal. Tenant (or its successor in interest, assignee or designee) shall have a right of first refusal ("Right of First Refusal") to purchase (a) all or any part of the fee ownership of the Premises; (b) any easement rights in or over all or any part of the Premises; (c) all or any part of Landlord's interest in or rights under this Lease, including, without limitation, the right to collect rents, or (d) any other legally recognizable interest in the Premises that Landlord may seek to transfer (each, "Landlord's Interest") whenever Landlord receives a bona fide offer from an unrelated third party to purchase, directly or indirectly, all or any part of Landlord's Interest that Landlord desires to accept ("Offer"). If the Offer is part of a larger transaction, including, without limitation, involving Landlord's Parcel, equity of Landlord or a larger package of assets which includes the Landlord's Interest, Landlord shall make a good faith estimate of the portion of such larger offer price attributable to the Landlord's Interest and provide that price to Tenant. Prior to accepting such Offer, Landlord shall give Tenant a copy of the Offer and other relevant documents, including the price and the terms and conditions upon which Landlord proposes to transfer Landlord's Interest (collectively, the "Right of First Refusal Notice"). Tenant shall have forty-five (45) days from the receipt of such notice to agree to purchase Landlord's Interest for the price and upon the terms and conditions specified in the Offer ("Tenant Approval Period").

If Tenant elects to so purchase Landlord's Interest, Tenant shall give to Landlord written notice thereof within said Tenant Approval Period ("Acceptance Notice"). If Tenant delivers an Acceptance Notice as provided herein, then Landlord and Tenant shall enter into a mutually acceptable purchase and sale agreement pertaining to such Landlord's Interest (the "Purchase and Sale Agreement"), reflecting the terms of the Offer, as well as other customary covenants, representations and warranties contained in purchase and sale agreements for similar acquisitions in the metropolitan area in which the Premises is

located. The parties agree to act reasonably and cooperatively in negotiating, executing and delivering the Purchase and Sale Agreement. Except as otherwise specified in the Offer, at the closing for the sale of all or any part of the Premises, Landlord shall deliver to Tenant a special warranty deed (or local equivalent), sufficient to convey to Tenant fee simple title. In the case of an assignment of the Lease or the grant of an easement, Landlord shall instead deliver to Tenant a customary assignment of the Lease or a customary easement.

If Tenant does not exercise the Right of First Refusal during the Tenant Approval Period, then Landlord may proceed to transfer Landlord's Interest upon the same terms and conditions set forth in the Offer; provided such transfer occurs within three (3) months following the end of the Tenant Approval Period, the transfer is made in accordance with all the other terms and conditions of this Lease, and such purchaser assumes the obligations of Landlord under this Lease including, without limitation, this Right of First Refusal which shall be an ongoing Right of First Refusal during the lease term. If Landlord has not transferred Landlord's Interest within such three (3) month period, or in the event any terms or conditions of the proposed deal change from the terms and conditions provided in the initial Right of First Refusal Notice, then Landlord shall not thereafter transfer Landlord's Interest to an unrelated third party without first renewing the Right of First Refusal Notice to Tenant in the manner provided above. Tenant's failure to exercise its Right of First Refusal or its express waiver of its Right of First Refusal in any instance shall not be deemed a waiver of Tenant's Right of First Refusal for subsequent instances when Landlord proposes to transfer Landlord's Interest to an unrelated third party during the lease term. Notwithstanding the foregoing, Landlord's right to sell all or any part of the Premises to a third party shall not be encumbered or restricted, except to the extent set forth in this Section.

19. Execution of Other Instruments. Landlord agrees to execute, acknowledge, and deliver to Tenant such other instruments respecting the Premises as Tenant or Tenant's lender may reasonably request from time to time. Such instruments may include, but are not limited to, a memorandum of lease that may be recorded in the appropriate local land records. Landlord also agrees to cooperate with Tenant's efforts to obtain all private and public consents related to Tenant's use of the Premises, including, but not limited to zoning and permitting applications. If it is needed for the Tenant's permitting purposes, Landlord grants to Tenant and its employees, representatives, agents, and consultants a limited power of attorney to prepare execute, submit, file and present on behalf of Landlord building, permitting, zoning, or land-use applications with appropriate local, state, and/or federal agencies necessary to obtain land use changes, special exceptions, zoning variances, conditional use permits, special use permits, administrative permits, construction permits, and or building permits.
20. Removal of Improvements. The Improvements are agreed to be Tenant's personal property and shall never be considered fixtures to the Premises. Tenant shall at all times be authorized to remove the Improvements from the Premises. Upon the expiration or earlier termination of this Lease, Tenant shall remove the above ground improvements from the Premises and below grade improvements to three feet (3'). Tenant shall be entitled to abandon, in place, all footings, foundations and other below ground improvements greater than three (3') below grade.

21. Quiet Enjoyment. Landlord covenants that Tenant shall have quiet and peaceable possession of the Premises throughout the Initial Lease Term and any Renewal Term, if any, as the case may be, and that Landlord will not intentionally disturb Tenant's enjoyment thereof as long as Tenant is not in default under this Lease.
22. Title, Access and Authority. Landlord covenants and warrants to Tenant that Landlord presently owns a legally defined interest in and to Landlord's Parcel; that the Premises are served by legal access from a public way; that Landlord is duly authorized and empowered to enter into this Lease; and that the person executing this Lease on behalf of the Landlord warrants himself to be duly authorized to bind the Landlord hereto.
23. Subordination and Non-Disturbance. Tenant agrees to subordinate this Lease to any mortgage or trust deed which may hereafter be placed on the Premises, provided the mortgagee or trustee thereunder shall ensure to Tenant the right to possession of the Premises and other rights granted to Tenant herein so long as Tenant is not in default beyond any applicable grace or cure period, such assurance to be in writing and otherwise in form and substance reasonably satisfactory to Tenant. If requested by Tenant, Landlord agrees to use Landlord's best efforts to assist Tenant in obtaining from any holder of a security interest in Landlord's Parcel a non-disturbance agreement in form and substance reasonably satisfactory to Tenant.
24. Environmental Warranty. Landlord hereby represents and warrants to Tenant that Landlord has never generated, stored, handled, or disposed of any hazardous waste or hazardous substance upon the Premises, and that Landlord has no knowledge of such uses historically having been made of the Premises or such substances historically having been introduced thereon. Notwithstanding the foregoing, Landlord agrees to protect, indemnify and hold harmless Tenant from and against any claims or losses arising out or related to the presence or release of any hazardous substances at, on or beneath the Premises, whether existing prior to the date hereof or migrating onto the Premises during any portion of the Term, except to the extent caused by a spill or release of hazardous substances specifically brought on the Premises by or for the benefit of Tenant after the Commencement Date.
25. Notices. Any notice, request or demand required or permitted to be given pursuant to this Lease shall be in writing and shall be deemed sufficiently given if delivered by messenger at the address of the intended recipient, sent prepaid by Federal Express (or a comparable guaranteed overnight delivery service), or deposited in the United States first class mail (registered or certified, postage prepaid, with return receipt requested), addressed to the intended recipient at the address set forth below or at such other address as the intended recipient may have specified by written notice to the sender in accordance with the requirements of this paragraph. Any such notice, request, or demand so given shall be deemed given on the day it is delivered by messenger at the specified address, on the day after deposit with an overnight delivery service), on the date the receipt is refused, or on the day that is five (5) days after deposit in the United States mail, as the case may be.

TENANT: United States Cellular Operating Company LLC
 Attention: Real Estate Lease Administration
 8410 West Bryn Mawr Avenue
 Chicago, Illinois 60631
 Phone: 1-866-573-4544



LANDLORD: City of Abbotsford
PO Box 589
203 North First Street
Abbotsford, Wisconsin 54405
Phone: 715-223-3444

26. Contingencies. Tenant shall have the right to terminate this Lease upon written notice to Landlord, relieving both parties of all further obligations hereunder, if Tenant, acting reasonably and in good faith, shall be unable to obtain any or all licenses or permits required to construct its intended improvements upon the Premises or conduct Tenant's business at the Premises at any time during the Term; if Tenant's technical reports fails to establish to Tenant's satisfaction that the Premises are capable of being suitably engineered to accomplish Tenant's intended use of the Premises; if the Premises are taken by eminent domain by a governmental entity or a title commitment or report obtained by Tenant with respect to the Premises shows as exceptions any encumbrances or restrictions which would, in Tenant's opinion, interfere with Tenant's intended use of the Premises.
27. Attorneys' Fees. In any action on this Lease at law or in equity, the prevailing party shall be entitled to recover from the other party the reasonable costs incurred by such party in such action, including reasonable attorneys' fees and costs of appeal.
28. Governing Law. This Lease will be governed by and construed in accordance with the laws of the State in which the Premises is located.
29. Binding Effect. All of the covenants, conditions, and provisions of this Lease shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns.
30. Entire Agreement; Waiver. This Lease constitutes the entire agreement of the parties, and may not be modified except in writing signed by the party against whom such modification is sought to be enforced. No waiver at any time of any of the provisions of the Lease will be effective unless in writing. A waiver on one occasion will not be deemed to be a waiver at any subsequent time.
31. Modifications. This Lease may not be modified, except in writing signed by both parties.
32. Recording. Each party, on request of the other, agrees to execute a short form lease in recordable form and complying with applicable laws and reasonably satisfactory to both parties, which will be recorded in the appropriate public records.
33. Holdover. In the event Tenant remains in possession of the Premises after the expiration of this Lease, this Lease will become a year to year tenancy, that can be terminated by either Landlord or Tenant with thirty (30) day notice before the end of the first year to year tenancy. Tenant shall pay, as Rent, during such holdover, a rent equal to one hundred-ten percent (110%) of the Rent payable immediately prior to the expiration or earlier Termination Date of this Lease. Except as otherwise provided for herein, all other covenants and conditions of this Lease shall remain unchanged and in full force and effect. Provided that the Landlord and Tenant are diligently working on the renewal and/or

extension of the Lease, the increase in the Rent shall not be applied for any period after the expiration of the Lease.

34. Headings. The section headings throughout this instrument are for convenience and reference only, and are not to be used to explain, modify, amplify or aid in the interpretation, construction or meaning of the provisions of this Lease.
35. Invalidity of Particular Provision. If any term or provision of this Lease, or the application of such term or provision to any person or circumstance, to any extent, is invalid or unenforceable, the remainder of this Lease, or the application of such term or provision to persons or circumstances other than those as to which it is invalid or unenforceable, will not be affected and each term and provision of this Lease will be valid and be enforced to the fullest extent permitted by law.
36. Remedies. The parties shall be entitled to the application of all appropriate remedies available to them under state and federal law in the enforcement of this Lease.
37. Errors and Omissions. Landlord and Tenant agree as part of the basis of their bargain for this Ground Lease to cooperate fully in executing any and all documents (including amendments to this Ground Lease) necessary to correct any factual or legal errors, omissions, or mistakes, and to take any and all additional action, that may be necessary or appropriate to give full force and effect to the terms and intent of this Ground Lease.
38. Non-Binding Until Full Execution. Both parties agree that this Lease is not binding on either party until both parties execute the Lease.
39. Electronic Reproductions. The Parties agree that a scanned or electronically reproduced copy or image of this Lease, as executed, shall be deemed an original and may be introduced or submitted in any action or proceeding as competent evidence of such agreement, notwithstanding the failure or inability of either party to produce or tender an original executed counterpart.

[END OF LEASE - SIGNATURE PAGE FOLLOWS]

SIGNATURE PAGE

IN WITNESS WHEREOF, the parties hereto bind themselves to this Ground Lease as of the date of full execution of this Ground Lease.

LANDLORD: City of Abbotsford, who
acquired title as the Village of Abbotsford

TENANT: United States Cellular Operating
Company LLC

By: _____

By: _____

Printed: Lori Voss

Printed: _____

Title: Mayor

Title: Vice President

Date: _____

Date: _____

[NOTARY PAGE TO FOLLOW]

Site Name: Abbotsford

Site Number: 808322

STATE OF WISCONSIN)
)
COUNTY OF CLARK)

I, the undersigned, a notary public in and for the State and County aforesaid, do hereby certify that Loir Voss, known to me to be the same person whose name is subscribed to the foregoing Ground Lease, appeared before me this day in person and acknowledged that she signed the said Lease as her free and voluntary act for the uses and purposes therein stated.

Given under my hand and seal this ____ day of _____, 20__.

Notary Public

My commission expires _____

STATE OF ILLINOIS)
)
COUNTY OF COOK)

I, the undersigned, a notary public in and for the State and County aforesaid, do hereby certify that _____, Vice President, for United States Cellular Operating Company LLC, known to me to be the same person whose name is subscribed to the foregoing Ground Lease, appeared before me this day in person and acknowledged that, pursuant to his authority, he signed the said Lease as his free and voluntary act on behalf of the named Tenant, for the uses and purposes therein stated.

Given under my hand and seal this ____ day of _____, 20__.

Notary Public

My commission expires _____

20

Exhibit A

Legal Descriptions

LEASEHOLD PARCEL

A part of Lot One (1) of Certified Survey Map No 1748, Volume 854, Page 789, Document No 562720 of Clark County Records and being located in the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section Thirty-Six (36); Township Twenty-Nine (29) North, Range One (1) East, City of Abbotsford, Clark County, Wisconsin containing 625 square feet (0.014 acres) of land and being described by:

Commencing at the Northwest Corner of said lot 1; thence $S00^{\circ}-09'-23''E$ 67.77 feet along the West line of said Lot 1 (also being the East line of a public alley; thence $N89^{\circ}-50'-37''E$ 10.00 feet to the point of beginning; thence $N00^{\circ}-09'-23''W$ 25.00 feet; thence $N89^{\circ}-50'-37''E$ 25.00 feet; thence $S00^{\circ}-09'-23''E$ 25.00 feet; thence $S89^{\circ}-50'-37''W$ 25.00 feet to the point of beginning, being subject to any and all easements and restrictions of record.

ACCESS & UTILITY EASEMENT

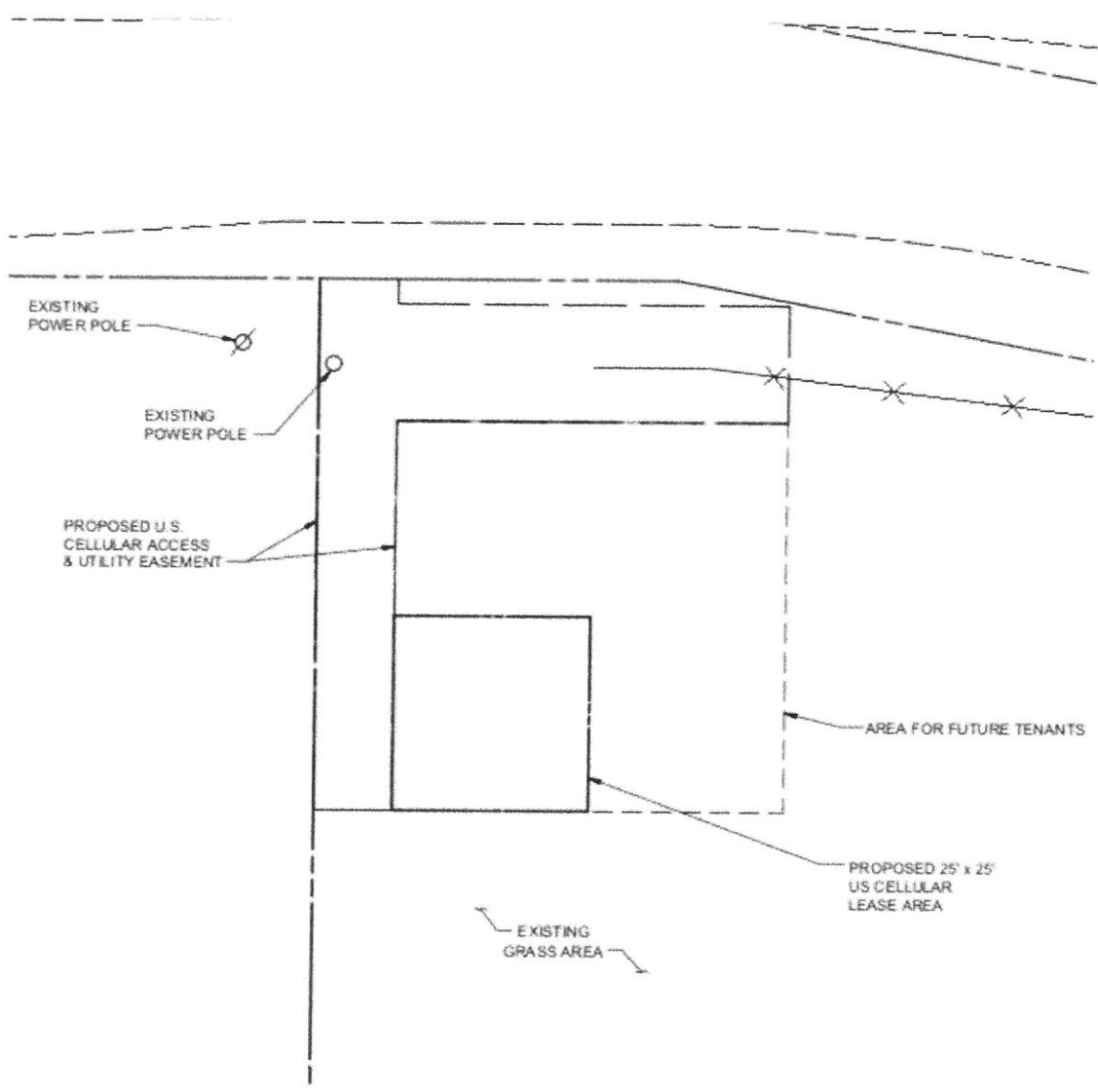
A part of Lot One (1) of Certified Survey Map No 1748, Volume 854, Page 789, Document No 562720 of Clark County Records and being located in the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section Thirty-Six (36); Township Twenty-Nine (29) North, Range One (1) East, City of Abbotsford, Clark County, Wisconsin containing 1,429 square feet (0.033 acres) of land and being described by:

Commencing at the Northwest Corner of said lot 1 and the point of beginning; thence $N88^{\circ}-29'-32''E$ 9.93 feet along the North line of said Lot 1 (also being the South line of W. Sycamore Street; thence $S01^{\circ}-30'-28''E$ 3.00 feet; thence $N89^{\circ}-50'-37''E$ 50.00 feet; thence $S00^{\circ}-09'-23''E$ 15.00 feet; thence $S89^{\circ}-50'-37''W$ 50.00 feet; thence $S00^{\circ}-09'-23''E$ 50.00 feet; thence $S89^{\circ}-50'-37''W$ 10.00 feet to a point on the East line of a public alley; thence $N00^{\circ}-09'-23''W$ 67.77 feet along said East line to the point of beginning, being subject to any and all easements and restrictions of record.

Exhibit B

Site Plan

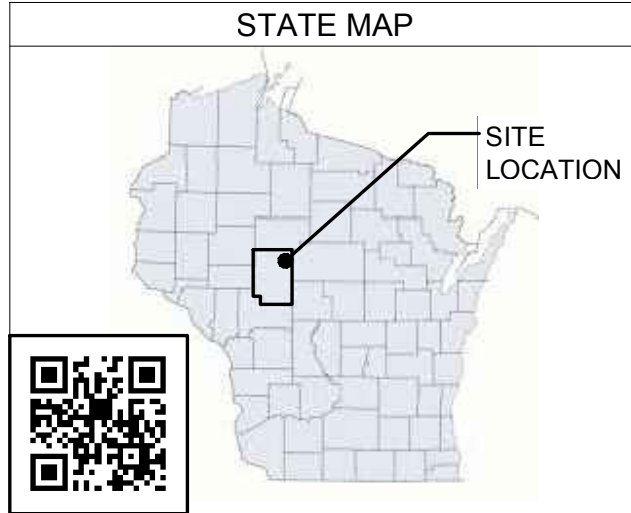
NOTE:
COORDINATES AND SITE SKETCH
TAKEN FROM GOOGLE EARTH AND
ARE TO BE USED AS REFERENCE
ONLY. ALL DIMENSIONS SHOWN
ARE APPROXIMATE.



CONSULTANT TEAM

PROJECT CONSULTANT: TERRA CONSULTING GROUP, LTD.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
(847) 698-6400

SURVEYOR: MERIDIAN SURVEY, LLC
N9637 FRIENDSHIP DRIVE
KAUKAUNA, WI 54130
(920) 993-0881

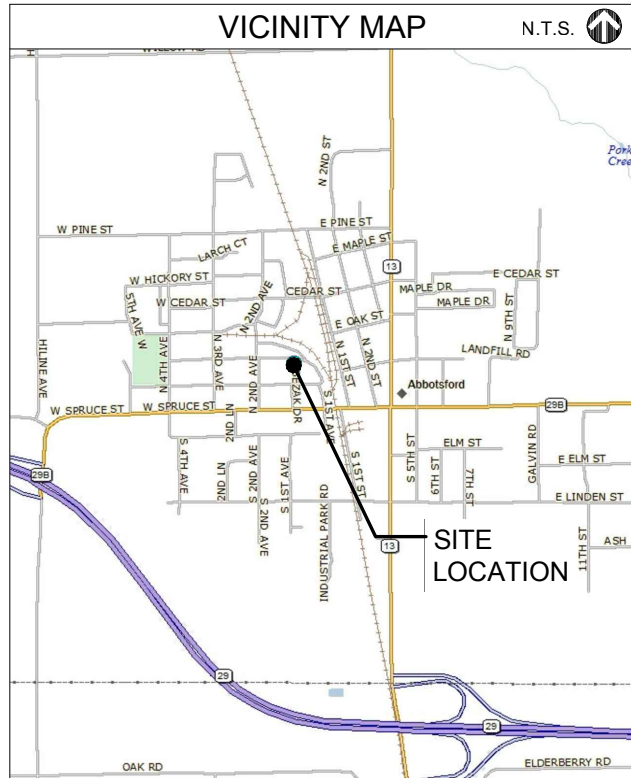


SITE NAME: ABBOTSFORD
SITE NUMBER: 808322

PROPOSED ANTENNAS MOUNTED ON A NEW MONOPOLE TOWER WITH
PROPOSED 10'-0" x 12'-0" EQUIPMENT PAD AT BASE.



TERRA
CONSULTING GROUP, LTD.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-698-6400
FAX: 847-698-6401

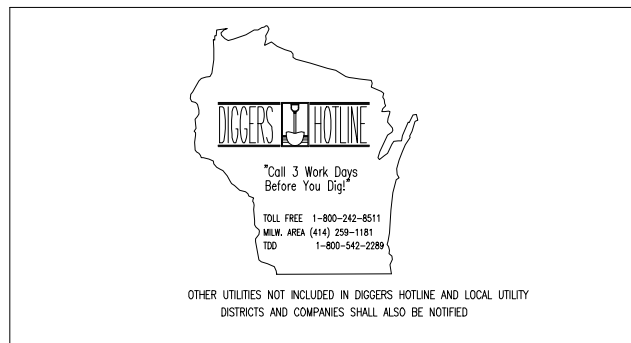


PROJECT INFORMATION

SITE NAME:	ABBOTSFORD
P.I.N. #:	201.0251.000
SITE ADDRESS:	TBD ABBOTSFORD, WI 54405
LATITUDE:	N 44° 56' 51.24" (FROM 1A)
LONGITUDE:	W 90° 19' 19.56" (FROM 1A)
ZONING:	CITY OF ABBOTSFORD, WI
JURISDICTION:	
TELCO COMPANY:	T.B.D.
POWER COMPANY:	T.B.D.
CONSTRUCTION TYPE:	RAW LAND
STRUCTURE TYPE:	120' HIGH MONOPOLE TOWER
PROPERTY OWNER:	CITY OF ABBOTSFORD CRAIG STUTTGEN 715-613-944 C.STUTTGEN@CI.ABBOTSFORD.WI.US
APPLICANT:	U.S. CELLULAR 12020 RIDGEMONT DR. URBANDALE, IA 50323 DAN WHITE (515) 205-0037
CONSTRUCTION MANAGER:	T.B.D.
REAL ESTATE MANAGER:	SHAUN HEMSTED (515) 707-0137

SHEET INDEX

SHEET	DESCRIPTION	REVISION
T-1	TITLE SHEET	A
SP-1	GENERAL SPECIFICATIONS	A
SP-2	GENERAL SPECIFICATIONS	A
SP-3	GENERAL SPECIFICATIONS	A
LP-1	LOCATION PLAN	A
C-1	ENLARGED SITE PLAN	A
C-2	SITE GRADING PLAN (SHEET 1 OF 1)	A
C-2A	CULVERT DETAILS	A
C-3	EQUIPMENT PAD NOTES	A
C-4	CONCRETE SLAB FOUNDATION PLAN	A
C-4A	EQUIPMENT CABINET PLAN	A
C-5	EQUIPMENT PAD ELEVATIONS	A
C-6	EQUIPMENT CABINET SPECIFICATIONS	A
C-7	FENCE DETAILS	A
C-8	SITE DETAILS	A
C-9	SITE DETAILS	A
ANT-1	SITE ELEVATION	A
ANT-2	ANTENNA & EQUIPMENT LAYOUT	A
ANT-3	ANTENNA SPECIFICATIONS	A
ANT-4	EQUIPMENT SPECIFICATIONS	A
ANT-5	ANTENNA MOUNTING DETAILS	A
ANT-6	CABLE DETAILS	A
ANT-7	CABLE BANDING DETAILS	A
ANT-8	PLUMBING DIAGRAM	A
E-1	UTILITY ROUTING PLAN	A
E-2	UTILITY DETAILS	A
E-3	UTILITY H-FRAME DETAILS	A
G-1	SITE GROUNDING PLAN	A
G-2	GROUNDING DETAILS	A
G-3	GROUNDING DETAILS	A



PROJECT DESCRIPTION:
120' MONOPOLE TOWER
CONCRETE PAD W/ OUTDOOR EQUIPMENT CABINETS
LEASE AREA: 10' x 12'

PROPOSED ANTENNAS & RF EQUIPMENT
(6) PANEL ANTENNAS
(1) SURGE PROTECTOR DEVICE (SDP)
(3) REMOTE RADIO HEADS (RRH)

PROPOSED CABLING
(1) 1-1/4" EUPEN HYBRID CABLE, (3) RET CABLES, (3) FIBER JUMPERS FROM RAYCAP TO RRHs, (3) POWER JUMPERS FROM RAYCAP TO RRHs, (6) 1/2" JUMPERS FROM RRHs TO ANTENNAS

SPECIAL NOTES

HANDICAPPED REQUIREMENTS :
FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION HANDICAPPED ACCESS REQUIREMENTS NOT REQUIRED

PLUMBING REQUIREMENTS :
FACILITY HAS NO PLUMBING OR REFRIGERANTS

FAA AND FCC REQUIREMENTS :
THIS FACILITY SHALL MEET OR EXCEED ALL FAA AND FCC REQUIREMENTS

CONSTRUCTION REQUIREMENTS :
ALL WORK MUST CONFORM TO US CELLULAR CONSTRUCTION INSTALLATION STANDARDS & ALL APPLICABLE CODES AND ORDINANCES.

ATTACHMENTS

1 OF 3	SURVEY	-
2 OF 3	SURVEY	-
3 OF 3	SURVEY	-

REVISIONS

NO.	DESCRIPTION	DATE	BY	BE
A	ISSUED FOR REVIEW	11/07/18		

808322
ABBOTSFORD

TBD
ABBOTSFORD, WI 54405

DRAWN BY: BE
CHECKED BY: TP

DATE: 12/21/18
PROJECT #: 143-000

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

GENERAL REQUIREMENTS

1. SITE WORK SHALL BE COMPLETED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS (U.S. CELLULAR STANDARD PLANS AND SPECIFICATIONS) AND THE REFERENCED STANDARDS.

A. ALL APPLICABLE LOCAL, STATE AND FEDERAL CODES AND REGULATIONS.

B. UNIFORM BUILDING CODE (UBC) BUILDING OFFICIALS & CODE ADMINISTRATORS (BOCA) AS APPLICABLE.

C. AMERICAN CONCRETE INSTITUTE (ACI).

D. AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM).

E. ELECTRONICS INDUSTRIES ASSOCIATION STANDARDS (EIA/TIA-222-F) MOST CURRENT VERSION ADOPTED BY SUBJECT STATE.

F. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).

2. WHERE A CONFLICT OCCURS BETWEEN REFERENCED STANDARDS AND U.S. CELLULAR STANDARD PLANS AND SPECIFICATIONS, THE MORE STRINGENT STANDARD SHALL APPLY.

3. THE FACILITY IS AN UNOCCUPIED SPECIALIZED MOBILE RADIO FACILITY.

4. PLANS ARE NOT TO BE SCALED AND ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY, UNLESS NOTED OTHERWISE THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.

5. PRIOR TO THE SUBMISSIONS OF THE BIDS, THE CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME FAMILIAR WITH THE FIELD CONDITIONS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE.

6. THE CONTRACTOR SHALL RECEIVE IN WRITING, AUTHORIZATION TO PROCEED BEFORE STARTING WORK ON ANY ITEM NOT CLEARLY IDENTIFIED BY THE CONTRACT DOCUMENTS.

7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY OTHERWISE NOTED.

8. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK USING BEST SKILLED PERSONNEL. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE LANDLORDS AUTHORIZED REPRESENTATIVE.

9. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS OF THE SITE AND NOTIFY THE OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES BEFORE STARTING ANY WORK.

10. WHEN CONTRACTOR'S ACTIVITIES IMPEDE OR OBSTRUCT TRAFFIC FLOW, CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL DEVICES, SIGNS, AND FLAGMEN IN ACCORDANCE WITH PART VI OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS PUBLISHED BY THE FEDERAL HIGHWAY ADMINISTRATION.

11. THE CONTRACTOR SHALL COORDINATE SITE ACCESS AND SECURITY WITH THE PROPERTY OWNER AND U.S. CELLULAR PRIOR TO CONSTRUCTION.

12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS SUCH AS BUT NOT LIMITED TO, PAVING, CURBS, AGRICULTURAL CROPS, DRAIN TILE, FENCES, LANDSCAPING, GALVANIZED SURFACES, ETC. AND UPON COMPLETION OF WORK REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION.

13. THE LOCATIONS OF UTILITIES SHOWN ON THE PLAN ARE BASED ON EXISTING RECORDS, FIELD LOCATIONS OR OWNER SUPPLIED INFORMATION AND MAY NOT BE ACCURATE. THE CONTRACTOR SHALL MARK ALL PUBLIC & PRIVATE UTILITIES. THE CONTRACTOR SHALL CALL THE LOCAL "ONE CALL" PROVIDER A MINIMUM OF THREE BUSINESS DAYS PRIOR TO EXCAVATING TO ALLOW MEMBER UTILITIES TO LOCATE THEIR FACILITIES. THE PROPERTY OWNER SHALL BE NOTIFIED IN A SIMILAR FASHION TO ALLOW HIM TO LOCATE HIS PRIVATE UTILITIES.

14. WHEN EXCAVATING AROUND UTILITIES, THE CONTRACTOR SHALL USE REASONABLE CARE IN LOCATING AND PROTECTING UTILITIES. U.S. CELLULAR SHALL BE NOTIFIED IMMEDIATELY OF ANY CONFLICTS BETWEEN EXISTING UTILITIES AND PROPOSED CONSTRUCTION.

15. DAMAGE TO PUBLIC OR PRIVATE UTILITIES SHALL BE REPORTED TO U.S. CELLULAR AND THE OWNER OF THE UTILITY IMMEDIATELY. ANY DAMAGE RESULTING FROM CONTRACTOR'S NEGLIGENCE OR FAILURE TO ACT WITH DUE REGARD SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE.

16. UNLESS OTHERWISE NOTED ON THE PLANS, CONTRACTOR SHALL ASSUME ALL SURFACE FEATURES SUCH AS BUILDINGS, PAVEMENTS, LANDSCAPING FEATURES AND PLANTS ARE TO BE SAVED AND PROTECTED FROM DAMAGE.

17. KEEP THE CONSTRUCTION SITE CLEAN, HAZARD FREE, AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

18. THE CONTRACTOR SHALL PROVIDE ON-SITE TRASH RECEPTACLES FOR COLLECTION OF NON-TOXIC DEBRIS. ALL TRASH SHALL BE COLLECTED ON A DAILY BASIS.

19. ALL TOXIC AND ENVIRONMENTALLY HAZARDOUS SUBSTANCES SHALL BE USED AND DISPOSED OF IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS. UNDER NO CIRCUMSTANCES SHALL RINSING OR DUMPING OF THESE SUBSTANCES OCCUR ON-SITE.

20. THE CONTRACTOR SHALL MAINTAIN AND SUPPLY U.S. CELLULAR WITH AS-BUILT PLANS UPON COMPLETION OF THE PROJECT.

21. MEANS AND METHODS OF CONSTRUCTION INCLUDING, BUT NOT LIMITED TO, THE DESIGN AND PLACEMENT OF FORMS AND SHORING ARE THE RESPONSIBILITY OF THE CONTRACTOR.

22. THE GENERAL CONTRACTOR SHALL COORDINATE/ASSIST DIFFERENT TRADE CONTRACTORS IN TERMS OF COORDINATION OF SITE ACCESS.

23. ALL ARCHITECTURAL, MECHANICAL & ELECTRICAL SYSTEM AND COMPONENTS IN THIS FACILITY SHALL BE INSTALLED TO RESIST WIND, ICE AND SNOW FORCES AS PER NATIONAL STANDARDS AND BUILDING CODES (LATEST ADOPTED EDITION).

24. U.S. CELLULAR WILL OBTAIN NECESSARY PERMITS AND LICENSES FROM THE FEDERAL COMMUNICATIONS COMMISSION (FCC) AND THE FEDERAL AVIATION ADMINISTRATION (FAA). UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL OTHER PERMITS NECESSARY FOR CONSTRUCTION.

25. U.S. CELLULAR WILL ORDER AND PAY FOR ANY NECESSARY ELECTRIC AND TELEPHONE UTILITY INSTALLATIONS TO THE POINT OF TERMINATION AS SHOWN ON THE PROJECT PLANS. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION WITH UTILITIES.

26. U.S. CELLULAR WILL PROVIDE PRIMARY HORIZONTAL AND VERTICAL CONTROL FOR CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE TO CORRECTLY TRANSFER LINE AND GRADE. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL STAKING OR RE-STAKING.

27. U.S. CELLULAR MAY RETAIN THE SERVICES OF A TESTING LABORATORY TO PERFORM QUALITY ASSURANCE TESTING ON VARIOUS PORTIONS OF THE CONTRACTORS WORK. WHEN REQUESTED, THE CONTRACTOR SHALL INFORM THE TESTING LABORATORY AND ASSIST THEM IN COMPLETING TESTS.

28. THE CONTRACTOR SHALL PROVIDE ANY TEMPORARY UTILITIES OR FACILITIES IT DEEMS NECESSARY TO COMPLETE ITS WORK. THIS INCLUDES, BUT IS NOT LIMITED TO WATER, SEWER, POWER, TELEPHONE, HEAT, LIGHTING OR SECURITY.

29. NOTIFY ENGINEER 2 DAYS IN ADVANCE OF INITIATING SITE CONSTRUCTION ACTIVITIES.

DEMOLITION

1. PERFORM DEMOLITION AND REMOVAL OF EXISTING MATERIALS OR STRUCTURES AS SHOWN ON THE PLANS AND AS SPECIFIED IN SPECIAL CONDITIONS. PROTECT EXISTING FACILITIES OR STRUCTURES THAT ARE TO REMAIN.

2. COMPLETE DEMOLITION IN A SYSTEMATIC MANNER BEGINNING AT THE HIGHEST LEVEL.

3. NEATLY SAW OR CUT JOINTS AT THE LIMITS OF REMOVAL; WHENEVER POSSIBLE LOCATE CUTS AT EXISTING JOINTS.

4. PATCH AND REPAIR ANY DAMAGED SURFACES OR STRUCTURAL MEMBERS AT THE LIMITS OF REMOVAL.

5. REMOVAL DEMOLITION DEBRIS FROM THE SITE ON A REGULAR BASIS. DISPOSE ALL DEBRIS OFFSITE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. BURNING OF MATERIAL SHALL NOT BE ALLOWED UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.

CLEARING AND GRUBBING

1. REMOVE TREES, STUMPS, SHRUBS, GRASS AND OTHER VEGETATION AS SHOWN ON THE PLANS TO ALLOW FOR CONSTRUCTION OF NEW CELLULAR FACILITIES.

2. WHEN POSSIBLE, NEATLY TRIM OR CUT BACK EXISTING TREES OR VEGETATION TO ALLOW FOR CONSTRUCTION OF NEW CELLULAR FACILITIES.

3. WHEN CLEARING TREES, PROTECT ALL SURROUNDING STRUCTURES, PAVEMENTS AND LANDSCAPING BY TOPPING, TRIMMING AND USING GUY LINES.

4. COMPLETELY REMOVE ALL STUMPS AND ROOTS. STUMPS AND ROOTS MAY BE REMOVED BY GRUBBING, CHIPPING OR GRINDING.

5. DISPOSE OF ALL DEBRIS OFFSITE IN ACCORDANCE WITH STATE AND LOCAL REGULATIONS. BURNING OF MATERIAL SHALL NOT BE ALLOWED UNLESS OTHERWISE NOTED IN THE PLANS OR SPECIAL PROVISIONS.

EARTHWORK

1. REMOVE TOPSOIL FROM BENEATH ALL PROPOSED ROADS. PARKING AREAS. BUILDINGS AND AREAS TO RECEIVE MORE THAN 6" OF FILL. STOCKPILE TOPSOIL FOR USE DURING RESTORATION.

2. ALL TREES DESIGNATED TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION BY A 5 FOOT HIGH TREE BARRIER UTILIZING WIRE FENCING, OR PROTECTIVE SAFETY NETTING.

3. GRADE AREAS IN ACCORDANCE WITH ELEVATIONS AND GRADES SHOWN ON THE PLANS OR AS NECESSARY IN GRADING TO PROVIDE DRAINAGE.

4. FILL MATERIAL USED IN GRADING OPERATIONS SHALL CONSIST OF EARTH WHICH IS FREE OF DEBRIS, BOULDERS OR ORGANIC MATERIAL. FILL SHALL BE PLACED IN 12" LIFTS AND COMPACTED TO 90% OF MODIFIED PROCTOR **MAXIMUM** DRY DENSITY.

5. ALL FILL SHALL BE TESTED FOR FIELD DENSITY. TESTS SHALL BE TAKEN IN EACH LIFT OF FILL AT LOCATIONS DESIGNATED BY THE OWNER'S REPRESENTATIVE.

6. SELECT GRANULAR FILL SHALL BE USED WHEN FILLING OR BACKFILLING BENEATH AND/OR AROUND ANY STRUCTURES, ROADS OR PARKING AREAS. SELECT FILL SHALL BE PLACED IN 9" LIFTS AND COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY. SELECT GRANULAR FILL SHALL CONSIST OF SAND, GRAVEL OR MIXTURE OF SAND AND GRAVEL FREE OF ORGANIC MATERIAL. THE MATERIAL SHALL HAVE A 2" MAXIMUM SIZE, LESS THAN 10% PASSING NO. 200 SIEVE, A PLASTICITY INDEX OF 6 OR LESS, AND A UNIFORMITY COEFFICIENT OF 5 OR GREATER.

7. ALL DISTURBED AREAS SHALL BE RESTORED AS SOON AS POSSIBLE WITH 4" TOPSOIL, SEED, FERTILIZER AND MULCH. GRASS SEED SHALL BE A SUITABLE MIX CONTAINING BOTH ANNUAL AND PERENNIAL VARIETIES OF FESCUE, RYE AND BLUEGRASS. FERTILIZER SHALL CONTAIN A MINIMUM OF 10% EACH OF NITROGEN, PHOSPHORIC ACID AND POTASH. MULCH SHALL BE A STRAW OR HAY MIXTURE FREE OF NOXIOUS WEED SEEDS. APPLY SEED AND FERTILIZER AS RECOMMENDED BY MANUFACTURER. MULCH SHALL BE CRIMPED AFTER APPLICATION.

8. THE CONTRACTOR SHALL VERIFY, UPON COMPLETION OF DEVELOPMENT, THE SITE IS PROPERLY STABILIZED AND ALL INDICATED SWALES AND STORMWATER FACILITIES ARE CONSTRUCTED AS INDICATED ON THE PLANS.

9. TOWER, TOWER FOUNDATIONS, SLABS, MODULAR BUILDINGS, AND ELECTRICAL AND MECHANICAL FEATURES ARE TO BE DESIGNED AND SPECIFIED BY OTHERS.

EROSION CONTROL

1. CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES IN ACCORDANCE WITH THE MOST STRINGENT OF: PROJECT PLANS, SPECIAL PROVISIONS, APPLICABLE STATE DEPARTMENT OF NATURAL RESOURCES OR LOCAL ORDINANCES.

2. ESTABLISH EROSION CONTROL MEASURES PRIOR TO STARTING CONSTRUCTION AND MAINTAIN THROUGHOUT CONSTRUCTION. INSPECT EROSION CONTROL MEASURES FOLLOWING EACH RAINFALL EVENT AND REPAIR AS NECESSARY.

3. SEDIMENTATION CONTROL SHALL BE ACCOMPLISHED DURING CONSTRUCTION THROUGH THE USE OF SILT FENCING PLACED AS SHOWN ON THE ATTACHED PLAN. THE CONTROL DEVICES SHALL BE SET AT THE ONSET OF SITE GRADING TO PREVENT SILTING OF THE EXISTING STORMWATER FACILITIES.

ROAD AND PARKING AREA CONSTRUCTION

1. PREPARE SUBGRADE FOR ROADS AND PARKING AREAS IN ACCORDANCE WITH "EARTHWORK" SECTION.
2. PROOF ROLL ROAD TO IDENTIFY UNSUITABLE MATERIALS. EXCAVATE UNSUITABLE MATERIAL AND DISPOSE OFFSITE. BACKFILL UNDERCUT EXCAVATION USING 3" BREAKER RUN MATERIAL. BREAKER RUN MATERIAL SHALL BE CRUSHED STONE MEETING THE FOLLOWING GRADATION:

SIEVE SIZE	% WEIGHT PASSING
3"	100
1-1/2"	0-50
3/4"	0-20
#200	0-10

3. PLACE CRUSHED AGGREGATE BASE COURSE IN MAXIMUM OF 6" THICK LIFTS IN ACCORDANCE WITH DETAIL DRAWINGS. MOISTURE CONDITION BASE COURSE AS NECESSARY TO ACHIEVE COMPACTION. BASE COURSE SHALL BE COMPACTED TO 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY. BASE COURSE MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS:
3" BASE COURSE

SIEVE SIZE	% WEIGHT PASSING
3"	100
2-1/2"	25-60
3/4"	0-20
3/8"	0-5

1-1/2" BASE COURSE

SIEVE SIZE	% WEIGHT PASSING
1-1/2"	100
1"	70-100
3/4"	55-95
3/8"	30-65
#4	25-55
#10	15-40
#200	0-10

4. PLACE BASE COURSE WITH CROWN OR UNIFORM SLOPE AS NECESSARY TO PROVIDE DRAINAGE FROM THE SITE.
5. GEOTEXTILE FABRIC SHALL BE USED IN THE EVENT OF UNSTABLE SOIL CONDITIONS. VERIFICATION OF SUCH CONDITIONS IS THE RESPONSIBILITY OF THE CONTRACTOR.



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CHECKED BY: TP

DATE: 12/21/18

PROJECT #: 143-000

SHEET TITLE
GENERAL SPECIFICATIONS

SHEET NUMBER

SP-1

CONCRETE AND STEEL REINFORCEMENT

1. CONCRETE SHALL BE MIXED AND DELIVERED IN ACCORDANCE WITH ASTM C94. CONCRETE SHALL BE 6 BAG MIX HAVING A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI, MAXIMUM AGGREGATE SIZE OF 1", MAXIMUM WATER CEMENT RATIO OF 0.45, AIR ENTRAINMENT OF 6% +/-1%, AND SLUMP OF 3" +/- 1". DEVIATIONS FROM THE MIX MUST BE APPROVED BY U.S. CELLULAR PRIOR TO USE.
2. CONCRETE CONSTRUCTION SHALL BE COMPLETED IN ACCORDANCE WITH THE MOST STRINGENT OF: PROJECT PLANS, SPECIAL PROVISIONS, OR THE AMERICAN CONCRETE INSTITUTE (ACI) PUBLICATIONS. CONCRETE WORK FOR TOWER FOUNDATIONS SHALL BE COMPLETED IN ACCORDANCE WITH PLANS AND SPECIFICATIONS PROVIDED BY THE TOWER VENDOR.
3. FORM MATERIALS WILL COMPLY WITH ACI 301. PLYWOOD FORMS SHALL BE APA B-B PLYFORM CLASS I SOUND SHEETS. LUMBER SHALL BE SPRUCE-PINE-FIR SPECIES #2 OR BETTER GRADE. TUBULAR COLUMN FORMS MAY BE SPIRALLY WOUND LAMINATED FIBER MATERIAL. FORM TIES SHALL BE REMOVABLE OR SNAP-OFF METAL TYPE.
4. CONCRETE SHALL BE MADE OF CEMENT MEETING THE REQUIREMENTS OF ASTM C150, NORMAL, TYPE I PORTLAND. FINE AND COARSE AGGREGATES FOR CONCRETE SHALL MEET THE REQUIREMENTS OF ASTM C33.
5. PLACE, SUPPORT AND SECURE REINFORCEMENT STEEL AT LOCATIONS SHOWN ON PLANS. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH ACI 315. REBAR YIELD STRENGTH = 60,000 PSI.
6. AIR ENTRAINING ADMIXTURES SHALL MEET THE REQUIREMENTS OF ASTM C260; WATER REDUCING ADMIXTURES SHALL MEET THE REQUIREMENTS OF ASTM C494, TYPE A. ALL OTHER ADMIXTURES ARE PROHIBITED WITHOUT PRIOR APPROVAL BY U.S. CELLULAR.
7. VAPOR BARRIER SHALL BE 6 MIL THICK POLYETHYLENE, MEETING THE REQUIREMENTS OF ASTM D2103.
8. CURING COMPOUND SHALL MEET THE REQUIREMENTS OF ASTM C309.
9. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
10. ALL CONSTRUCTION AND EXPANSION JOINTS SHALL BE INSTALLED PER THE DRAWINGS.
11. ALL EXPOSED CORNERS OF CONCRETE WORK SHALL BE CHAMFERED 3/4 " UNLESS NOTED OTHERWISE.
12. PLACE, SUPPORT AND SECURE REINFORCEMENT STEEL AT LOCATIONS SHOWN ON PLANS. REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH ACI 315.
13. ALL FORM WORK SHALL BE RIGID, TIGHT, LEVEL, PLUMB AND SUFFICIENTLY SHORED TO RESIST CONSTRUCTION LOAD CONDITIONS. COAT FORMS WITH RELEASE AGENT PRIOR TO PLACING REINFORCING STEEL.
14. PREPARE SUBGRADE FOR CONCRETE IN ACCORDANCE WITH PROJECT PLANS AND SPECIAL PROVISION. DO NOT PLACE CONCRETE ON FROZEN SUBGRADE.
15. PROVIDE U.S. CELLULAR A MINIMUM OF 48 HRS. NOTICE PRIOR TO PLACING CONCRETE TO ALLOW FOR INSPECTION AND SCHEDULING OF TESTING.
16. UTILIZE CHUTES, TROUGHS OR CONVEYORS TO PLACE CONCRETE SO THAT HANDLING OF CONCRETE IS MINIMIZED. AVOID SEGREGATION OF THE AGGREGATE AND DISTURBING REINFORCING STEEL.
17. UNIFORMLY CONSOLIDATE CONCRETE USING HAND TOOLS OR MECHANICAL VIBRATORS. THOROUGHLY CONSOLIDATE EACH LAYER PRIOR TO PLACING SUBSEQUENT LAYERS.
18. WHEN PLACING OPERATIONS ARE TEMPORARILY SUSPENDED, THE UNFINISHED FACE OF THE POUR SHALL BE COVERED WITH WET BURLAP UNTIL PLACING OPERATIONS ARE RESUMED. WHEN PLACING OPERATIONS ARE SUSPENDED FOR MORE THAN 30 MINUTES, PROVIDE AN BONDING AGENT TO CONSTRUCTION JOINT.
19. TROWEL FINISH SURFACES UNLESS OTHERWISE DIRECTED ON THE PLANS.
20. AFTER FINAL FINISHING, PROVIDE POLYETHYLENE VAPOR BARRIER OR CURING COMPOUND TO MAINTAIN MOISTURE AND TEMPERATURE OF CONCRETE.
21. IN EXTREME WEATHER PLACE AND CURE CONCRETE IN ACCORDANCE WITH EITHER ACI 306R-89 FOR COLD WEATHER OR ACI 305R-89 FOR HOT WEATHER.
22. WELDING OF REINFORCING STEEL IS PROHIBITED.
23. REMOVE FORMS IN A MANNER THAT DOES NOT DAMAGE THE CONCRETE. FILL AND PATCH POCKETS OR HOLES ON EXPOSED SURFACES USING MORTAR MIXTURE.
24. PROVIDE TEST CYLINDERS AS FOLLOWS:
A. EQUIPMENT ENCLOSURE:
1 CYLINDER AT 7DAYS.
1 CYLINDER AT 14 DAYS.
2 CYLINDERS AT 28 DAYS.
25. NOTIFY ENGINEER 48 HOURS IN ADVANCE OF TOWER FOUNDATION INSTALLATION.
26. REFER TO TOWER MANUFACTURER SPECIFICATIONS REGARDING FOUNDATION REQUIREMENTS.

CHAINLINK FENCING

- 1.0 SCOPE:
 - 1.1 THIS SECTION COVERS THE REQUIREMENTS FOR THE MATERIALS AND THE CONSTRUCTION OF SITE FENCING. SEE SITE PLAN AND DRAWINGS FOR DETAILS.
 - 2.0 SPECIAL REQUIREMENTS
 - 2.1 ALL WIRE, FABRIC, FITTINGS, HARDWARE AND STEEL MEMBERS USED FOR SITE AREA FENCING SHALL BE HOT DIPPED GALVANIZED (ASTM A153) OR OTHER APPROVED NON CORROSIVE MATERIAL AND CONFORM TO FEDERAL SPEC RR-F-191G (1-25-74).
 - 2.2 ALL NON-CORROSIVE MATERIAL SHALL BE PRE-APPROVED BY THE PROJECT MANAGER.
 - 2.3 ANY DAMAGE TO GALVANIZING OR NON-CORROSIVE COATING DURING CONSTRUCTION SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS.
 - 3.0 GATE.:
 - 3.1 LOCATION OF GATE SHALL CONFORM TO THE SITE PLAN.
 - 3.2 ALL JOINTS BETWEEN TUBULAR GATE MEMBERS SHALL BE WELDED OR HEAVY FITTINGS PROVIDING RIGID AND WATERTIGHT CONNECTIONS.
 - 3.3 GATE HINGES SHALL PROVIDE FOR 180 DEGREE RADIUS GATE SWING. ALL HINGE NUTS SHALL BE ON THE INSIDE AND DOUBLE-NUT TO DETER UNAUTHORIZED ENTRY.
 - 3.4 BARBED WIRE GUARD SHALL BE INSTALLED ON TOP OF GATES. ADEQUATE CLEARANCE SHALL BE MAINTAINED TO ALLOW GATE OPERATION.
 - 3.5 GATE SHALL BE INSTALLED PLUMB AND SHALL OPEN AND CLOSE FREELY.
 - 3.6 GATE POSTS SHALL NOT BE SHARED AS A CORNER POST
 - 4.0 FENCE POSTS
 - 4.1 LOCATION OF CORNER POSTS SHALL BE DETERMINED FROM STAKES AND PROPERTY PINS INSTALLED BY THE REGISTERED LAND SURVEYOR UNDER CONTRACT FOR THE PROJECT. IF THE STAKES ARE NOT PRESENT OR DO NOT CONFORM TO THE SITE PLAN, CONSULT WITH THE PROJECT MANAGER.
 - 4.2 CORNER POSTS SHALL BE SET WITHIN ONE INCH (1") OF DIMENSIONS INDICATED ON THE SITE PLAN.
 - 4.3 FENCE POSTS SHALL BE VERTICALLY PLUMB IN ALL PLANES WITHIN 1/2 INCH (1/2").
 - 4.4 LINE POSTS BETWEEN CORNER AND GATE POSTS SHALL BE EQUALLY SPACED WITH A TEN FOOT (10') MAXIMUM SPACING. GATE POST LOCATIONS SHALL BE IN ACCORDANCE WITH SITE PLAN AND SHALL BE VERIFIED WITH THE PROJECT MANAGER.
 - 4.5 ALL FOUR CORNERS POSTS AND BOTH GATE POSTS SHALL BE CONNECTED TO THE SITE GROUNDING SYSTEM (REFER TO GROUNDING SYSTEM STANDARD). 4.6 FENCE POST OUTSIDE DIAMETER (O.D.) ARE MINIMUM SPECIFICATIONS. LARGER SIZES MAY BE SUBSTITUTED WITH APPROVAL FROM PROJECT MANAGER.
 - 5.0 FABRIC
 - 5.1 FABRIC SHALL BE TENSIONED PER MANUFACTURER'S RECOMMENDATIONS TO PRESENT A NEAT APPEARANCE.
 - 5.2 FABRIC SHALL BE SECURED AT CORNER AND GATE POSTS USING STRETCHER BARS AND TENSION BAND CLIPS.
 - 5.3 FABRIC SHALL BE SECURED TO THE TOP RAIL AND BRACE RODS USING TIE CLIPS.



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PROJECT #:	143-000

SHEET TITLE
GENERAL
SPECIFICATIONS

SHEET NUMBER
SP-2

ELECTRICAL NOTES

1.0 GENERAL

1.1 CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, INSURANCE, EQUIPMENT, INSTALLATION, CONSTRUCTION TOOLS, TRANSPORTATION, ETC. FOR A COMPLETE AND PROPERLY OPERATING SYSTEM ENERGIZED THROUGHOUT AS INDICATED ON DRAWINGS, AS SPECIFIED HEREIN AND/OR AS OTHERWISE REQUIRED.

1.2 CONTRACTOR IS TO COORDINATE WITH UTILITY COMPANY FOR CONNECTION OF PERMANENT POWER TO THE SITE.

1.3 CONTRACTOR SHALL OBTAIN ALL NECESSARY BUILDING PERMITS, INSPECTIONS AND APPROVALS, AND PAY ALL REQUIRED FEES PURSUANT TO THE WORK.

1.4 ALL WORK SHALL BE IN STRICT ACCORDANCE WITH THE LATEST VERSION OF THE NATIONAL ELECTRICAL CODE AND ANY APPLICABLE NATIONAL, STATE AND LOCAL CODES. ALL COMPONENTS SHALL BE U.L. APPROVED.

1.5 CONTRACTOR SHALL BEFORE SUBMITTING HIS BID, VISIT THE SITE OF THE PROJECT AND BECOME FAMILIAR WITH THE CONDITIONS. NO ALLOWANCE WILL BE MADE FOR EXISTING CONDITIONS OR FAILURE OF THE CONTRACTOR TO OBSERVE THEM.

1.6 EXACT LOCATION OF ALL EQUIPMENT SHALL BE COORDINATED WITH OWNER AND OTHER TRADES.

1.7 CONTRACTOR SHALL PROVIDE ALL VERIFICATION OBSERVATION TESTS AND EXAMINE ALL WORK PRIOR TO ORDERING THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ARCHITECT/ENGINEER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT AND DISCREPANCIES.

1.8 ALL MATERIALS AND EQUIPMENT SHALL BE NEW AND IN SAFE CONDITION WHEN INSTALLED AND SHALL BE OF THE BEST GRADE AND OF THE SAME MANUFACTURER THROUGHOUT FOR EACH CLASS OR GROUP OF EQUIPMENT (SEE NOTE 1.7 FOR EXCEPTIONS). MATERIALS SHALL MEET WITH APPROVAL OF THE DIVISION OF INDUSTRIAL SAFETY AND ALL GOVERNING BODIES HAVING JURISDICTION. MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, NBFU AND "UL" LISTED.

1.9 WHERE EQUIPMENT IS SPECIFIED BY MANUFACTURER AND TYPE, SUBSTITUTION SHALL ONLY BE MADE WITH THE APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL SUBMIT DETAILS OF PROPOSED MATERIALS, REASON FOR CHANGE AND CHANGE IN CONTRACT AMOUNT.

1.10 EACH CONDUCTOR OF EVERY SYSTEM SHALL BE PERMANENTLY LABELED WITH ENGRAVED PLASTIC LABELS FOR EACH PANELBOARD, PULL BOX, J-BOX, SWITCH BOX, ETC. IN COMPLIANCE WITH OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA)

1.11 THESE PLANS ARE DIAGRAMMATIC ONLY AND ARE TO BE FOLLOWED AS CLOSELY AS POSSIBLE.

1.12 THE TEMPERATURE RATING ASSOCIATED WITH THE AMPACITY OF A CONDUCTOR SHALL BE SO SELECTED AND COORDINATED AS TO NOT EXCEED THE LOWEST TEMPERATURE RATING OF ANY CONNECTED TERMINATION, CONDUCTOR, OR DEVICE.

1.13 ALL ENCLOSURES CONTAINING THE SERVICE CONDUCTORS-SERVICE RACEWAY, CABLE ARMOR, BOXES, FITTINGS, CABINETS MUST BE EFFECTIVELY BONDED TOGETHER.

1.14 ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40 UNLESS OTHERWISE SPECIFIED, WITH UV PROTECTION (UNLESS NOTED OTHERWISE) AT A MINIMUM DEPTH SPECIFIED BY NATIONAL STATE AND LOCAL CODES. IT IS REQUIRED AND WILL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO NOTIFY THE DIGGER HOTLINE OR OTHER SUCH NOTIFYING AGENCY PRIOR TO THE START OF DIGGING, TRENCHING, EXCAVATION, OR OTHER SUCH EARTH REMOVAL; SEE G--001 FOR NOTIFICATION REQUIREMENTS.

1.15 THE UNDERGROUND SERVICE ENTRANCE WORK MUST BE CONSTRUCTED ACCORDING TO THE LOCAL BUILDING CODE, NEC & UTILITY STANDARDS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL UTILITY BEFORE QUOTING AND DURING THE CONSTRUCTION.

ELECTRICAL NOTES (CONTINUED)

2.0 MATERIALS, ELECTRICAL WIRING AND RACEWAYS

2.1 ALL CIRCUIT BREAKERS, FUSES, CONDUCTORS AND ELECTRICAL EQUIPMENT SHALL HAVE AN INTERRUPTING SHORT CIRCUIT TO WHICH THEY MAY BE SUBJECTED AND A MINIMUM OF 10,000 AIC RATING UNLESS SPECIFIED OTHERWISE.

2.2 PLASTIC PLATES FOR ALL SWITCHES, RECEPTACLES, TELEPHONE AND BLANKED OUTLETS SHALL HAVE ENGRAVED LETTERING WHERE INDICATED ON THE DRAWINGS. WEATHERPROOF RECEPTACLES SHALL HAVE SIERRA "WPD 8" LIFT COVER PLATES.

2.3 METER SOCKET AMPERAGE, VOLTAGE AND NUMBER OF PHASES SHALL BE AS NOTED ON THE DRAWINGS AND MANUFACTURED BY SQUARE "D" COMPANY OR AN APPROVED EQUAL.

2.4 INSTALLATION OF RIGID METAL CONDUIT SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF ARTICLES 300 & 346-NEC. SHALL BE UL APPROVED.

2.5 INSTALLATION OF ELECTRICAL METALLIC TUBING (EMT) SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF ARTICLES 300 & 348-NEC. SHALL BE U.L. APPROVED.

2.6 INSTALLATION OF INTERMEDIATE METAL CONDUIT (IMC) SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF ARTICLES 300 & 348-NEC. SHALL BE UL APPROVED.

2.7 PLASTIC CONDUIT SHALL BE SCHEDULE 40, HIGH IMPACT, POLYVINYL CHLORIDE AND SHALL BE USED WITH UNTHREADED SOLVENT CEMENT PLASTIC CONDUIT FITTINGS. COUPLINGS SHALL HAVE A CENTER STOP TO TYPE ENSURE PROPER SEATING. CONDUIT SHALL BE MANUFACTURED BY CARLON OR ACCEPTABLE EQUAL SHALL BE IN COMPLIANCE WITH ART 300 & 347-NEC, UL APPROVED.

2.8 ALL WIRING OF ALL KINDS MUST BE INSTALLED IN CONDUIT, UNLESS OTHERWISE NOTED OR APPROVED BY THE ELECTRICAL ENGINEER.

2.9 ALL WIRING SHALL BE IN ACCORDANCE WITH THE (NEC) NATIONAL ELECTRICAL CODE OR AS INDICATED ON PLANS.

2.10 RACEWAYS SHALL BE STEEL GALVANIZED AND/OR PAINTED, WITH SIZE AS SPECIFIED AND IN ACCORDANCE WITH THE (NEC) NATIONAL ELECTRICAL CODE UNLESS OTHERWISE NOTED ON PLANS. ALL RACEWAYS SHALL BE APPROVED PRIOR TO INSTALLATION.

2.11 JUNCTION BOXES OR PULL BOXES SHALL MEET (NEC) NATIONAL ELECTRICAL CODE STANDARDS AND AS APPROVED FOR INSTALLATION OF RACEWAYS AND WIRING.

2.12 THE RACEWAY AND WIRING INSTALLATION SHALL BE GROUNDED PERMANENTLY AND EFFECTIVELY IN ACCORDANCE WITH ARTICLE 250 OF THE (NEC) NATIONAL ELECTRICAL CODE.

2.13 THE CONTRACTOR SHALL BE AWARE THAT ALL STATE AND LOCAL CODES SHALL APPLY TO THIS INSTALLATION AND MUST BE ADHERED TO.

3.0 SCOPE OF WORK

3.1 THE CONTRACTOR SHALL PROVIDE ALL ELECTRICAL WIRING AND EQUIPMENT UNLESS OTHERWISE INDICATED. MAIN COMPONENTS ARE AS FOLLOWS:

- A. PROVIDE ELECTRICAL SERVICE AS INDICATED ON THE DRAWINGS.
- B. PROVIDE FIBER CONDUIT WITH PULL WIRE AS INDICATED HEREIN AND ON DRAWINGS.
- C. COORDINATE ELECTRICAL SERVICE WITH LOCAL POWER COMPANY.
- E. COORDINATE FIBER SERVICE WITH LOCAL FIBER COMPANY.
- F. INSTALL WIRE AND CONDUIT AS INDICATED. PROVIDE CABLE SUPPORTS AS INDICATED.
- G. PROVIDE GROUNDING AS INDICATED.

3.2 ONE SET OF COMPLETE ELECTRICAL "AS INSTALLED" OR "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE JOB SHOWING ACTUAL DIMENSIONS, ROUTINGS AND CIRCUITS SHALL BE PROVIDED TO CLIENT. ALL BROCHURES, OPERATING MANUALS, CATALOGS, SHOP DRAWINGS, ETC. SHALL BE TURNED OVER TO CLIENT AT JOB COMPLETION.

3.3 PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF ELECTRICAL WORK.

3.4 UPON COMPLETION OF WORK, CONDUIT CONTINUITY, SHORT CIRCUIT, AND GROUNDING FALL POTENTIAL TEST WILL BE MADE FOR APPROVAL. SUBMIT TEST REPORTS TO CLIENT. CLEAN PREMISES OF ALL DEBRIS RESULTING FROM WORK AND LEAVE IN A COMPLETE AND UNDAMAGED CONDITION.

3.5 THE COMPLETE JOB SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR AFTER THE DATE OF SITE ACCEPTANCE BY CLIENT. ANY WORK MATERIAL OR EQUIPMENT FOUND TO BE FAULTY DURING THAT PERIOD SHALL BE CORRECTED AT ONCE, UPON WRITTEN NOTIFICATION, AND AT THE EXPENSE OF THE CONTRACTOR.

3.6 THE ELECTRICAL CONTRACTOR SHALL VERIFY THE ELECTRICAL EQUIPMENT PROVIDED BY CLIENTS SUPPLIERS.



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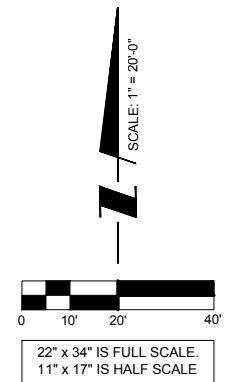
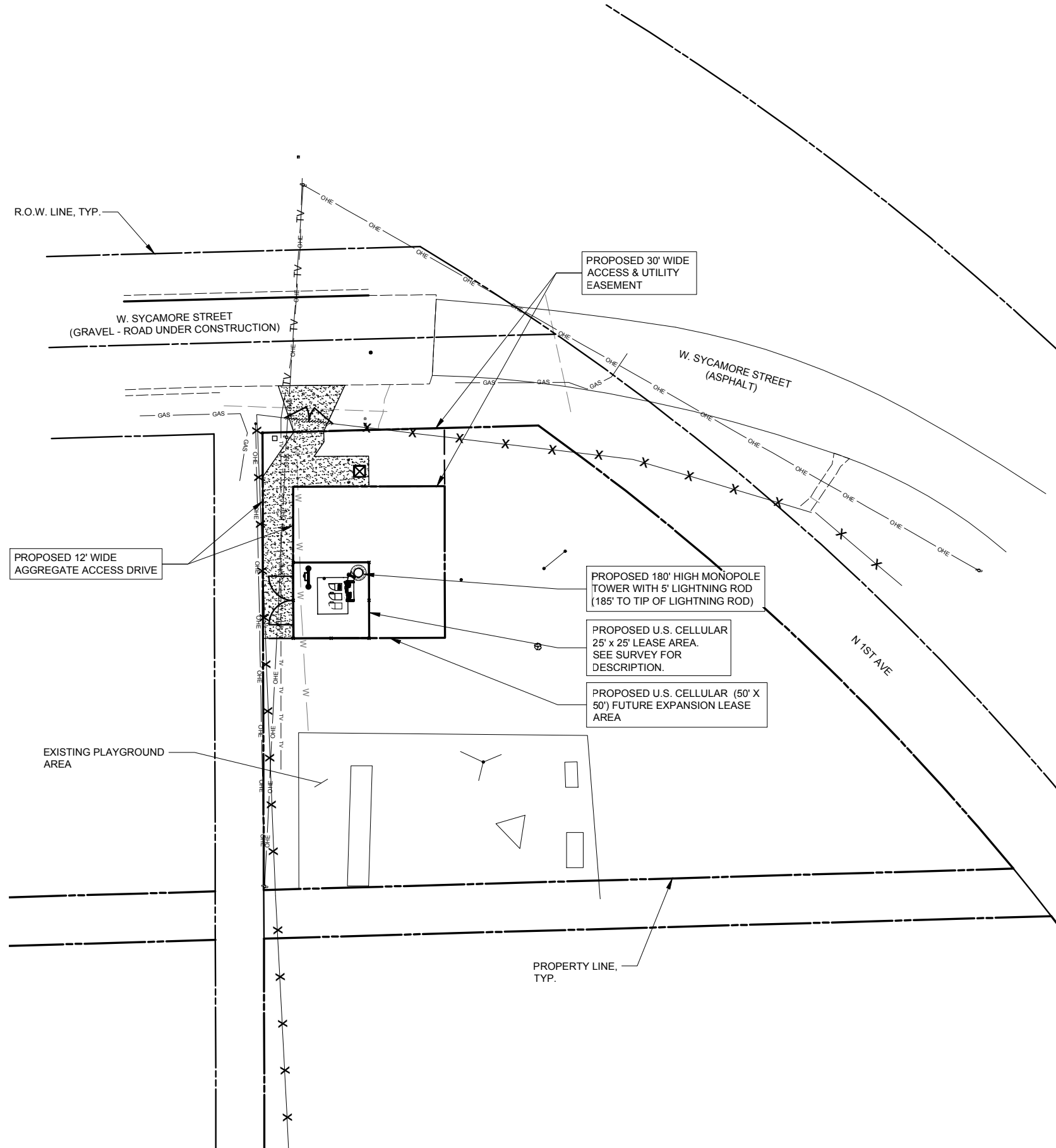
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SHEET TITLE
GENERAL SPECIFICATIONS

SHEET NUMBER
SP-3

LEGEND

- = 1" x 18" IRON PIPE SET
- = 6" NAIL SET
- ⊙ = COUNTY MONUMENT FOUND
- ⊙ = WOOD LATH
- ⊙ = METAL POST
- ⊙ = WATER VALVE
- ⊙ = FIRE HYDRANT
- ⊙ = LIGHT POLE
- ⊙ = EXISTING POWER POLE
- ⊙ = TELEPHONE PEDESTAL
- OHE — = OVERHEAD ELECTRIC
- W — = WATER MAIN
- G — = BURIED GAS LINE
- TV — = BURIED CABLE TELEVISION
- X — = CHAINLINK FENCE LINE
- — = PROPERTY LINE



OTHER UTILITIES NOT INCLUDED IN DIGGERS HOTLINE AND LOCAL UTILITY DISTRICTS AND COMPANIES SHALL ALSO BE NOTIFIED

SURVEY PERFORMED BY:

MERIDIAN SURVEYING, LLC

N8774 Firelane 1 Office: 920-993-0881
Menasha, WI 54952 Fax: 920-273-6037

BM A) TOP OF TAG BOLT ON HYDRANT ALONG W. SYCAMORE STREET
ELEVATION: 1424.99'



TERRA
CONSTRUCTION SERVICES, LTD.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-698-6400
FAX: 847-698-6401

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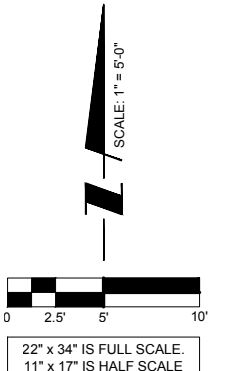
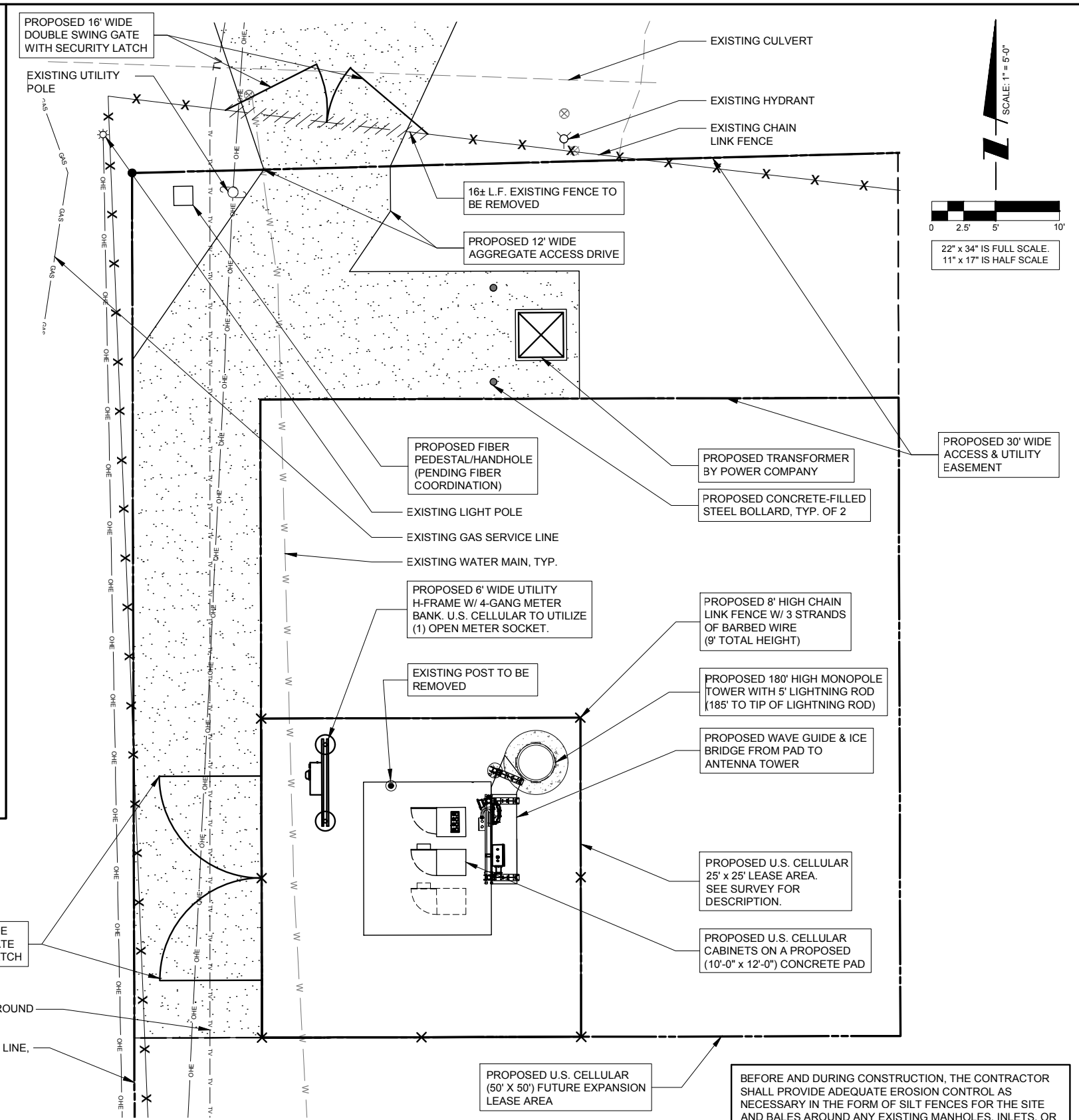
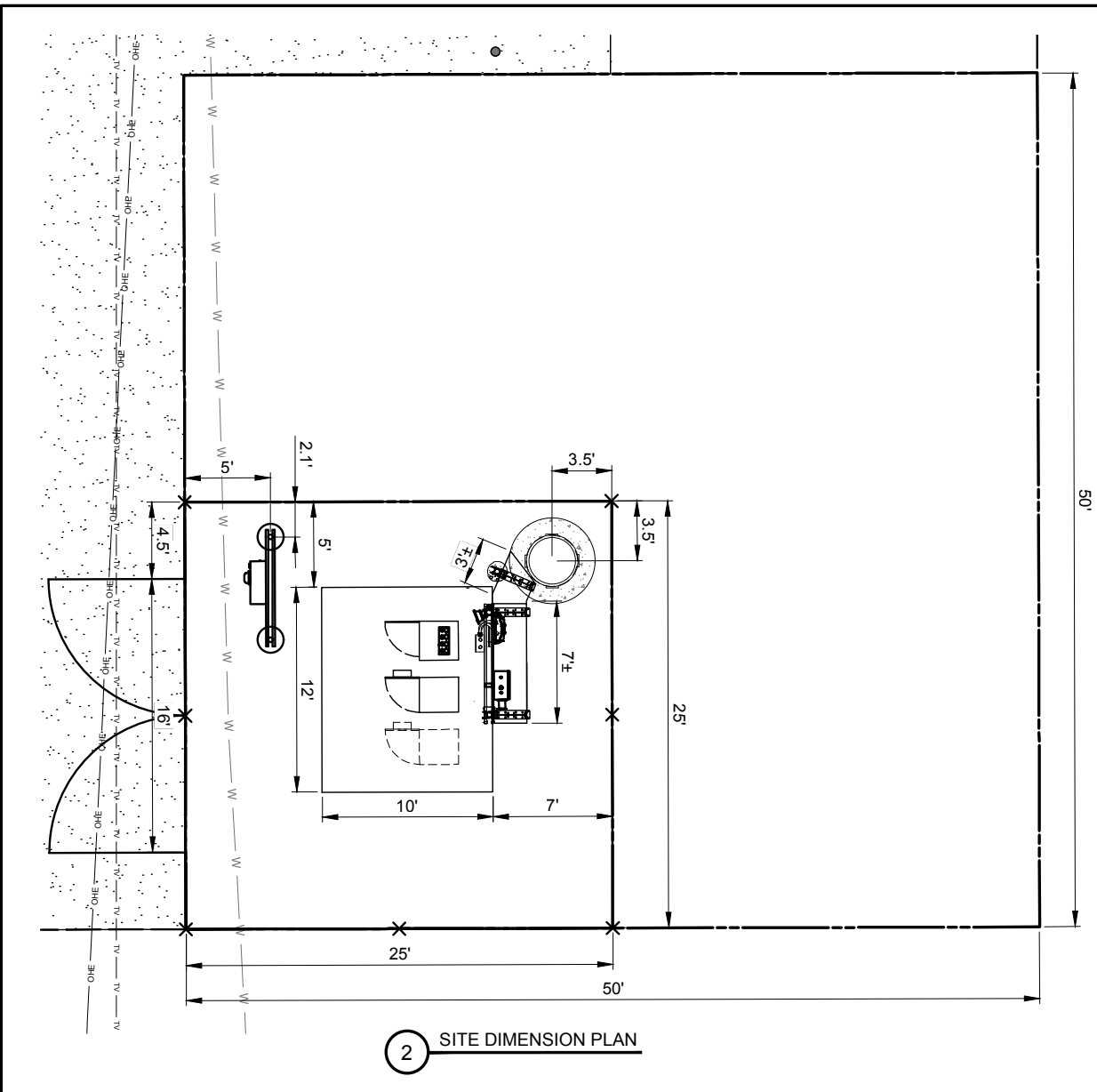
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SHEET TITLE
LOCATION PLAN

SHEET NUMBER
LP



PAVEMENT MATERIAL
 ACCESS ROAD (HATCHED)
 131 S.Y.
 FINISH AGGREGATE 4" MIN. OF 3/4" (WELL GRADED) CRUSHED GGREGATE BASE COURSE, 6" MIN. OF 3" BREAKER RUN AGGREGATE BASE COURSE, WOVEN MIRAFI HP270 OR EQUAL

LEASE SITE
 69.5 S.Y.
 3" MIN. OF 3/4" CRUSHED AGGREGATE WITHOUT FINES, 4 OZ. SPUNBOUNDED WEED BARRIER FABRIC, 6" MIN. OF 3/4" CRUSHED AGGREGATE W/ FINES, 18" MIN. SELECT FILL IN 8" LIFTS



OTHER UTILITIES NOT INCLUDED IN DIGGERS HOTLINE AND LOCAL UTILITY DISTRICTS AND COMPANIES SHALL ALSO BE NOTIFIED

THE CONTRACTOR SHALL INCLUDE AS PART OF THE BID, THE COST OF REMOVAL OF ANY SURFACE VEGETATION AND ORGANIC SOILS OR OTHER DELETERIOUS MATERIALS AND THE REPLACEMENT WITH ENGINEERED BACKFILL FOR THE AGGREGATE ACCESS DRIVE AND LEASE SITE, IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL REPORT.

CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO EXISTING PAVEMENT. CONTRACTOR SHALL PHOTOGRAPH AND VIDEOTAPE EXISTING PAVEMENT PRIOR TO CONSTRUCTION. ANY DAMAGE CAUSED DURING CONSTRUCTION SHALL BE REPLACED TO EXISTING OR BETTER CONDITION AT NO ADDITIONAL COST.

THE CONTRACTOR WILL, UPON BECOMING AWARE OF SUBSURFACE OR LATENT PHYSICAL CONDITIONS DIFFERING FROM THOSE DISCLOSED BY THE ORIGINAL SOIL INVESTIGATION WORK, PROMPTLY NOTIFY THE OWNER VERBALLY AND IN WRITING, AS TO THE NATURE OF THE DIFFERING CONDITIONS. NO CLAIM BY THE CONTRACTOR FOR ANY CONDITIONS DIFFERING FROM THOSE ANTICIPATED IN THE PLANS AND SPECIFICATIONS AND DISCLOSED BY THE SOIL STUDIES WILL BE ALLOWED UNLESS THE CONTRACTOR HAS SO NOTIFIED THE OWNER, VERBALLY AND IN WRITING, AS REQUIRED ABOVE, OF SUCH DIFFERING SUBSURFACE CONDITIONS.

BEFORE AND DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE EROSION CONTROL AS NECESSARY IN THE FORM OF SILT FENCES FOR THE SITE AND BALES AROUND ANY EXISTING MANHOLES, INLETS, OR CATCHBASINS SUSCEPTIBLE TO EROSION. EROSION CONTROL MEASURES SHALL BE PERIODICALLY INSPECTED TO ENSURE PROPER FUNCTION. EROSION CONTROL SHALL BE REMOVED UPON COMPLETION OF WORK.

CONTRACTOR TO PROVIDE APPROXIMATE 50'x50' STAGING AREA AND TEMPORARY ROAD. CONTRACTOR SHALL COORDINATE WITH ANTENNA CONTRACTOR, A STAGING AREA AND TEMPORARY ROAD THAT IS ACCEPTABLE TO THE OWNER. STAGING AREA AND TEMPORARY ROAD SHALL BE RESTORED TO EXISTING CONDITIONS AS NECESSARY UPON COMPLETION OF THE PROJECT.



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 PARK RIDGE, IL 60068
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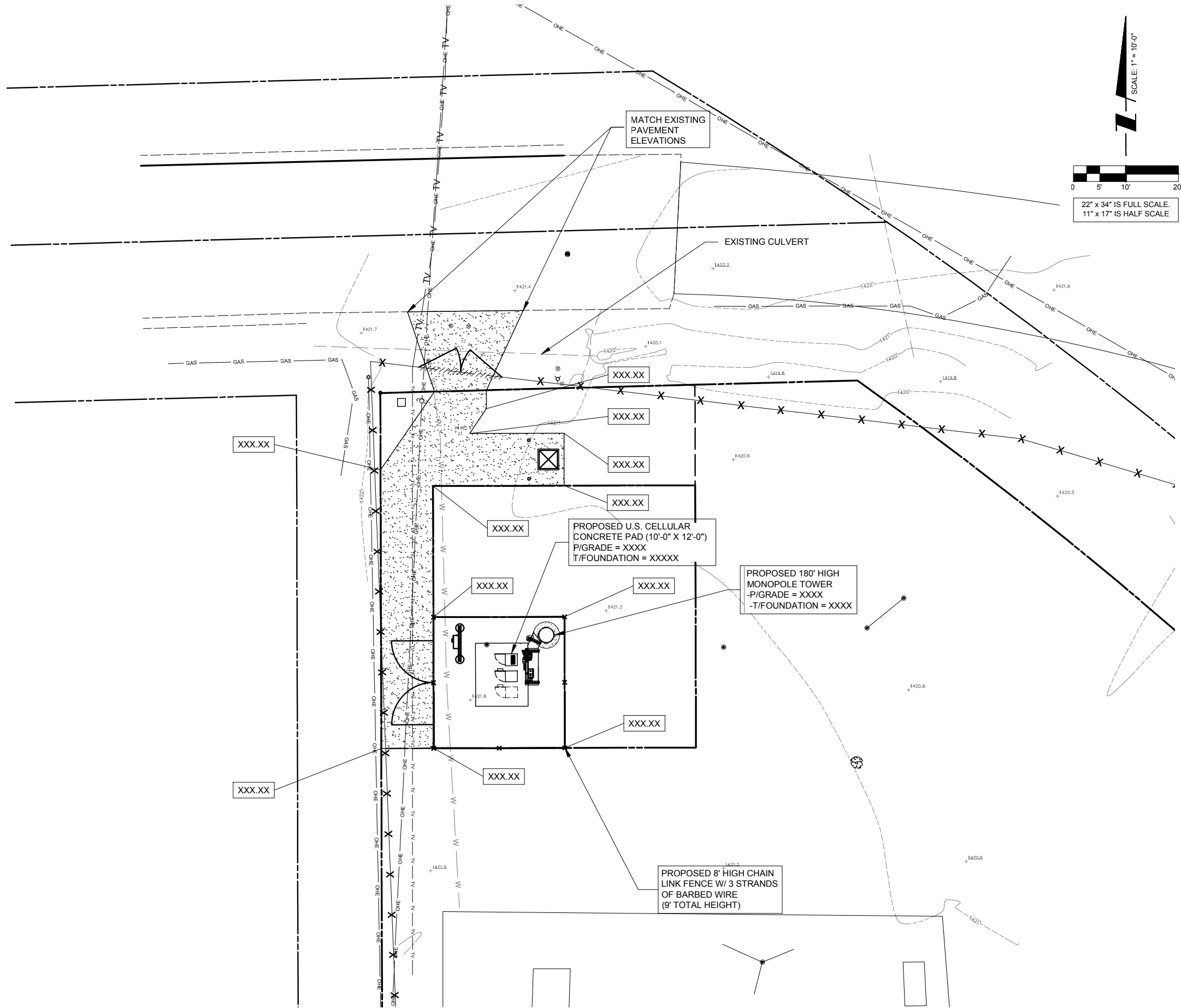
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SHEET TITLE
 ENLARGED SITE PLAN

SHEET NUMBER
C-1



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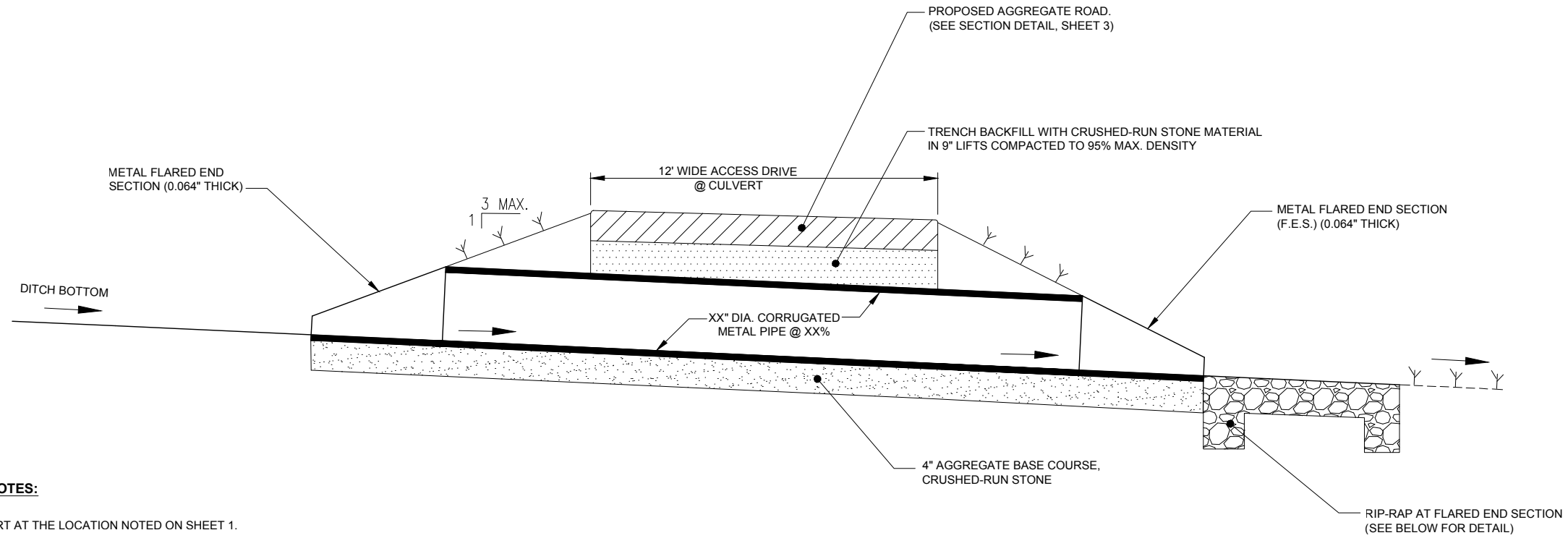
SHEET TITLE
SITE GRADING PLAN
(SHEET 1 OF 1)

SHEET NUMBER
C-2



OTHER UTILITIES NOT INCLUDED IN DIGGERS HOTLINE AND LOCAL UTILITY DISTRICTS AND COMPANIES SHALL ALSO BE NOTIFIED

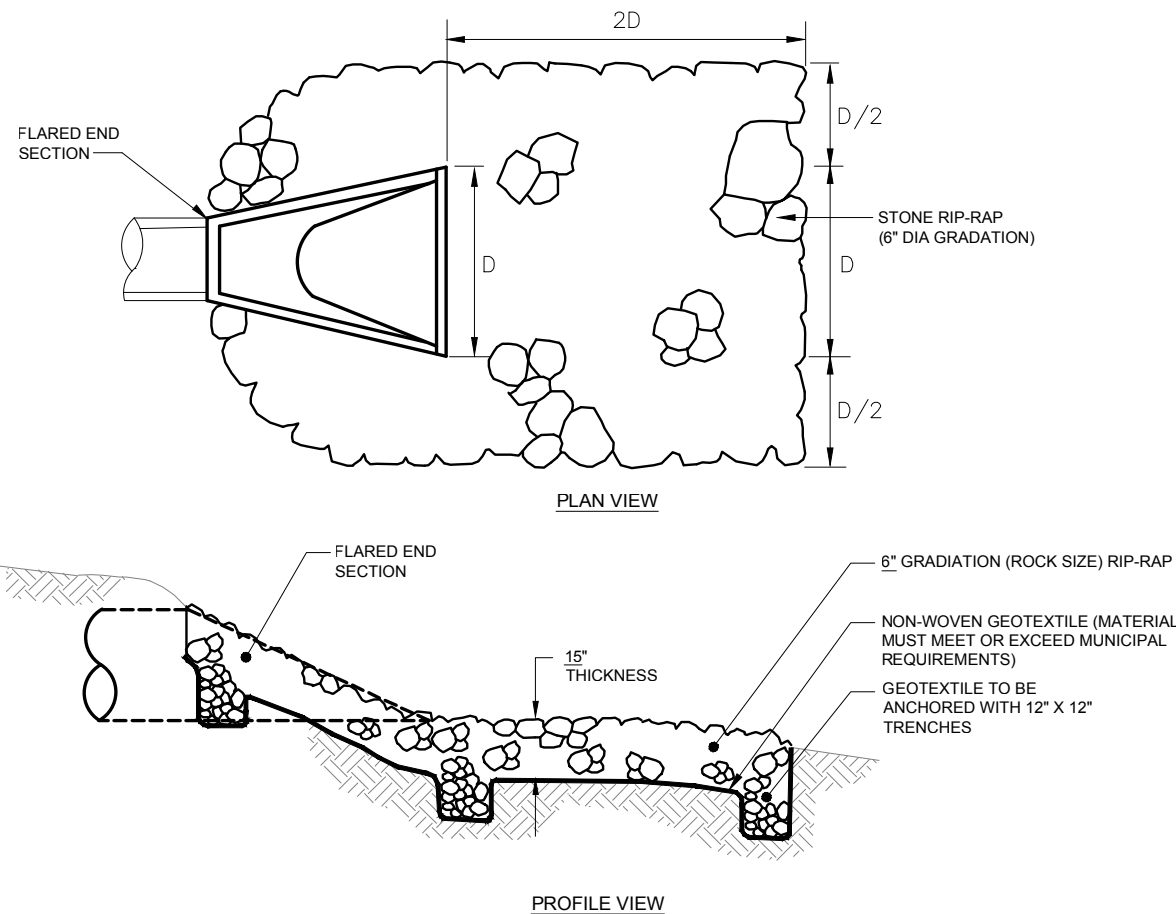
1 SITE GRADING PLAN
SCALE: 1" = 10'



CONSTRUCTION NOTES:

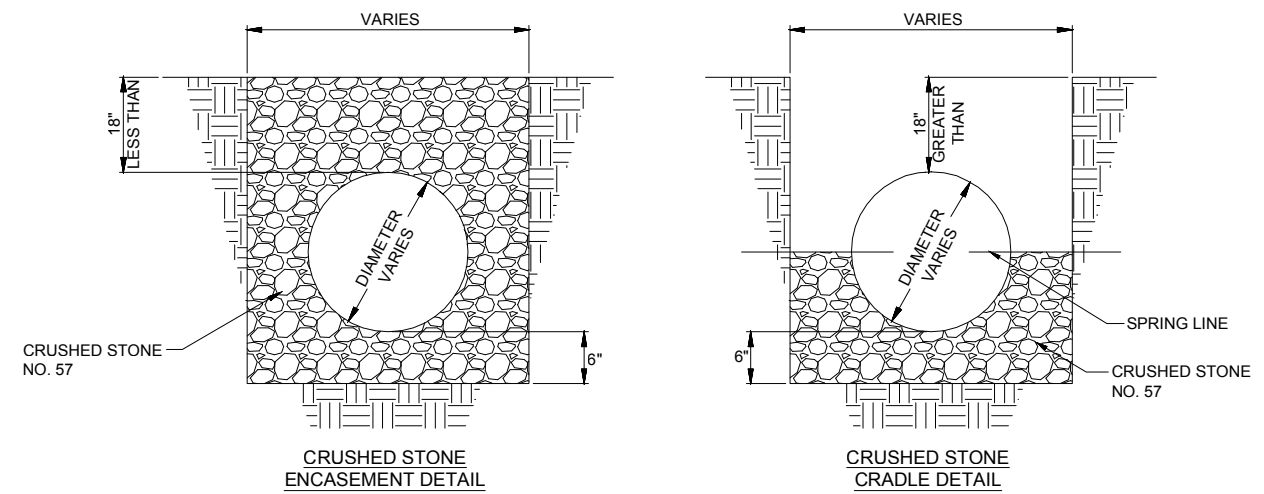
- 1.) INSTALL CULVERT AT THE LOCATION NOTED ON SHEET 1.
- 2.) CULVERT LENGTHS PROVIDED ON THE GRADING PLAN ARE MEASURED FROM THE END OF THE F.E.S. TO THE END OF THE F.E.S.

1 ACCESS DRIVE CULVERT DETAIL
N.T.S.



NOTE:
REMOVE TOPSOIL PRIOR
TO PLACING STONE

2 RIP-RAP AT FLARED END SECTION
N.T.S.



NOTE:
ENCASEMENT USED WITH 18\"/>

NOTE:
CRADLE USED WITH MORE THAN 18\"/>

CULVERT NOTES

1. INSTALL CULVERTS WITH THE INLETS AT OR BELOW NATURAL GRADE.
2. OUTLET THE CULVERTS AT OR BEYOND THE TOE OF THE SLOPE. EROSION PROTECTION, SUCH AS RIP-RAP IS OFTEN NECESSARY AT THE OUTLET OF CULVERTS. NEVER OUTLET A CULVERT INTO FILL MATERIAL WITHOUT PROTECTIVE MEASURES.

3 CULVERT DETAILS
N.T.S.



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SHEET TITLE
SITE DETAILS

SHEET NUMBER
C-2A

EQUIPMENT:

- (A) LTE EQUIPMENT CABINET WITH MOUNTING PLINTH;
- (B) BATTERY BACKUP CABINET WITH MOUNTING PLINTH;
- (C) RAYCAP SPD SECURED TO ICE BRIDGE;
- (D) 12" x 12" x 6" FIBER/POWER JUNCTION BOX SECURED TO UNISTRUT
- (E) GROUND BAR ON INSULATORS

CONDUITS:

- (F) 1-1/4" (1.66" O.D.) SCH. 40 PVC CONDUIT STUB-UPS WITH PULL STRING TO FIBER VAULT (TYP. OF 2); STUB-UP CONDUITS IN FRONT CORNER OF COMPOUND FOR MICROWAVE DISH INSTALLATIONS
- (G) 2" (2-3/8" O.D.) SCH. 40 PVC CONDUIT STUB-UP WITH PULL STRING TO PPC
- (H) 1" (1-1/4" O.D.) SCH. 40 PVC CONDUIT STUB-UP TO WITH PULL STRING FOR ALARM CABLING TO PPC
- (I) 2" (2-3/8" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM LTE EQUIPMENT CABINET PLINTH TO JUNCTION BOX (TYP. OF 2)
- (J) 2" (2-3/8" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM BATTERY BACKUP CABINET PLINTH TO LTE EQUIPMENT CABINET PLINTH FOR POWER
- (K) 1-1/2" (1.9" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM BATTERY BACKUP CABINET PLINTH TO LTE EQUIPMENT CABINET PLINTH FOR ALARM CABLING AND BATTERY BACKUP CABINET GROUNDING
- (L) 1-1/2" (1.9" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM BATTERY CD BACKUP CABINET PLINTH TO LTE EQUIPMENT CABINET PLINTH FOR AC POWER
- (M) 2" (2-3/8" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM LTE @ EQUIPMENT CABINET TO UNISTRUT RACK FOR MICROWAVE DISH CABLING (IF APPLICABLE)
- (N) 1" (1-1/4" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM LTE EQUIPMENT CABINET PLINTH TO UNISTRUT RACK FOR GPS CABLING
- (O) 1-1/2" (1.9" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM @ JUNCTION BOX TO RAYCAP SPD FOR POWER CABLING (TYP. OF PER RAYCAP SPD)
- (P) 1-1/4" (1.66" O.D.) LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT FROM JUNCTION BOX TO RAYCAP SPD FOR FIBER CABLING (TYP. OF PER RAYCAP SPD)
- (Q) LIQUID-TIGHT CONDUIT FITTING (TYP.)
- (R) ROXTEC WEATHERPROOF SEAL (IF APPLICABLE); SIZE TO ACCEPT MICROWAVE DISH CABLING QUANTITY AND DIAMETER
- (S) 2'-0" UNISTRUT CONDUIT TIE DOWN

EQUIPMENT PAD RACK:

- (T) 2'-0" WIDE x 5'-0" LONG ICE BRIDGE;
- (U) P-1000T GALV. UNISTRUT OR APPROVED EQUIV.; UNISTRUT TO BE CUT TO LENGTH TO ENSURE PROPER FASTENING TO POST WITHOUT EXCESS
- (V) UNISTRUT END CAP AT EACH END OF UNISTRUT; SITE PRO 1 #: UNICAP OR APPROVED EQUIV.;
- (W) HYBRID CABLE; MAINTAIN MINIMUM BEND RADIUS
- (X) HEAVY-DUTY UNIVERSAL COAX SUPPORT BRACKET
- (Y) GPS ANTENNA SECURED TO ICE BRIDGE POST
- (Z) CONCRETE PIER

CONCRETE AND REINFORCING NOTES:

1. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL BUILDING CODE REQUIREMENTS AND MOST CURRENT VERSION OF ACI STANDARDS.
2. ALL CONCRETE UNLESS SPECIFICALLY NOTED SHALL BE NORMAL WEIGHT(145 PCF) AND SHALL ACHIEVE A 28-DAY COMPRESSIVE STRENGTH (fc) OF 4,000 PSI. EXPOSED EXTERIOR CONCRETE TO BE AIR ENTRAINED WITH 6% +/- 1 % AIR CONTENT. CONTRACTOR TO PERFORM CONCRETE SLUMP TEST (4" MAX SLUMP). NO WATER TO BE ADDED AFTER SLUMP HAS BEEN MEASURED.
3. ALL CONCRETE REINFORCING SHALL BE ASTM A615 GRADE 60 AND PLACED IN ACCORDANCE WITH ACI STANDARDS
4. REMOVE ALL ORGANIC MATERIAL, SOFT AND/OR UNSUITABLE SOILS WITHIN FOUNDATION FOOTPRINT. DO NOT UTILIZE THESE SOILS FOR BACKFILL.
5. CONSULT GEOTECHNICAL INVESTIGATION REPORT FOR ANTICIPATED SOIL CONDITIONS AND CONSTRUCTION CONSIDERATIONS.
6. FOUNDATION DESIGN BASED ON A PRESUMPTIVE SOIL BEARING CAPACITY OF 2000 PSF AND MAX. PLASTICITY INDEX OF 20, CONTRACTOR TO CONFIRM BEARING SOILS MEET THESE CONDITIONS BEFORE INSTALLATION.
7. SOILS NOT MEETING THE DESIGN BEARING STRENGTH SHALL BE UNDERCUT AND REPLACED WITH 3-INCH BREAKER STONE. UNDERCUT ONE FOOT ON EACH SIDE OF THE FOOTING FOR EVERY FOOT IN DEPTH. CONSULT WITH ENGINEER FOR REQUIRED UNDERCUT DEPTH.
8. CONTRACTOR TO ENSURE POSITIVE DRAINAGE FROM ALL FOUNDATIONS.



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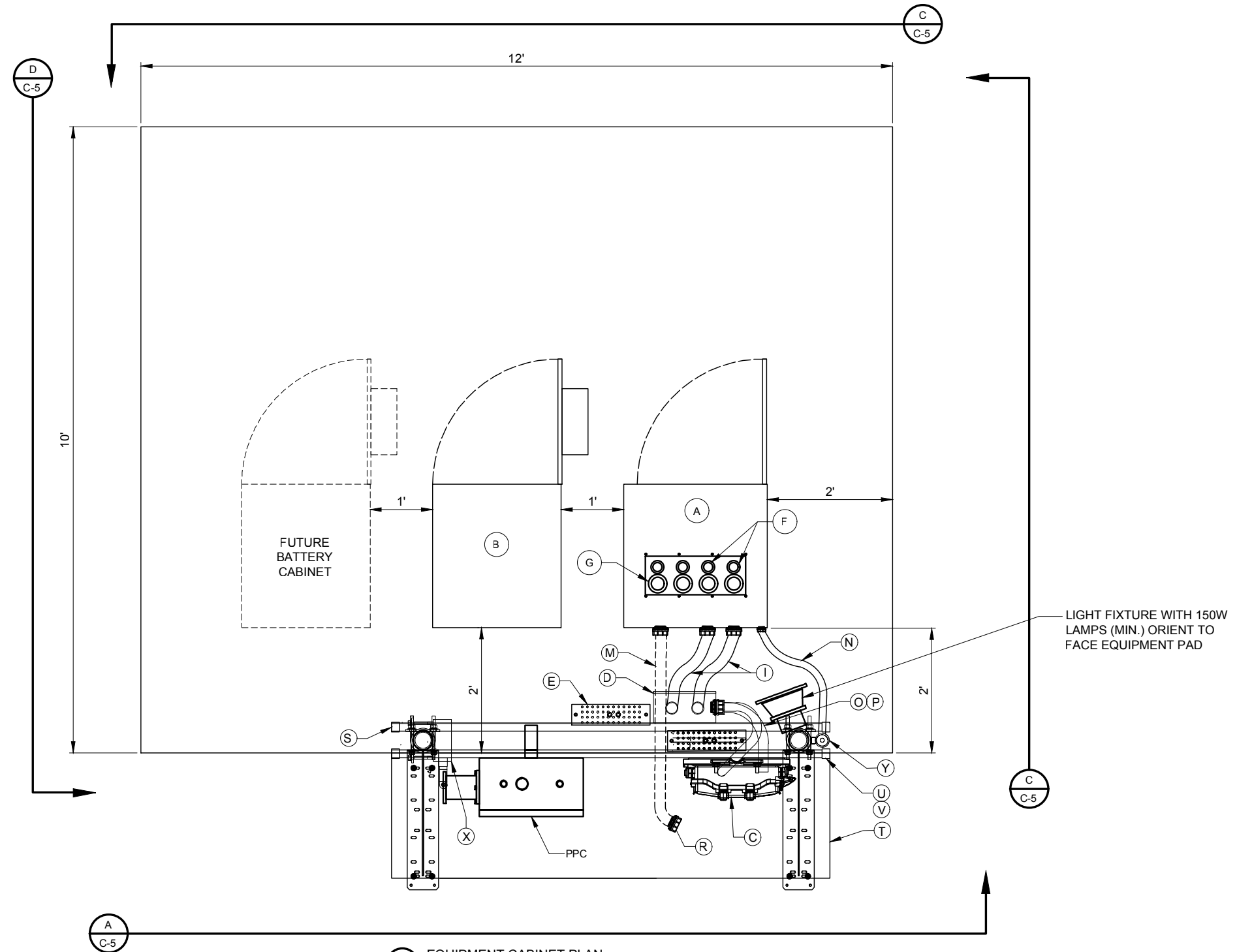
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EQUIPMENT PAD NOTES

SHEET NUMBER
C-3



1 EQUIPMENT CABINET PLAN
N.T.S.



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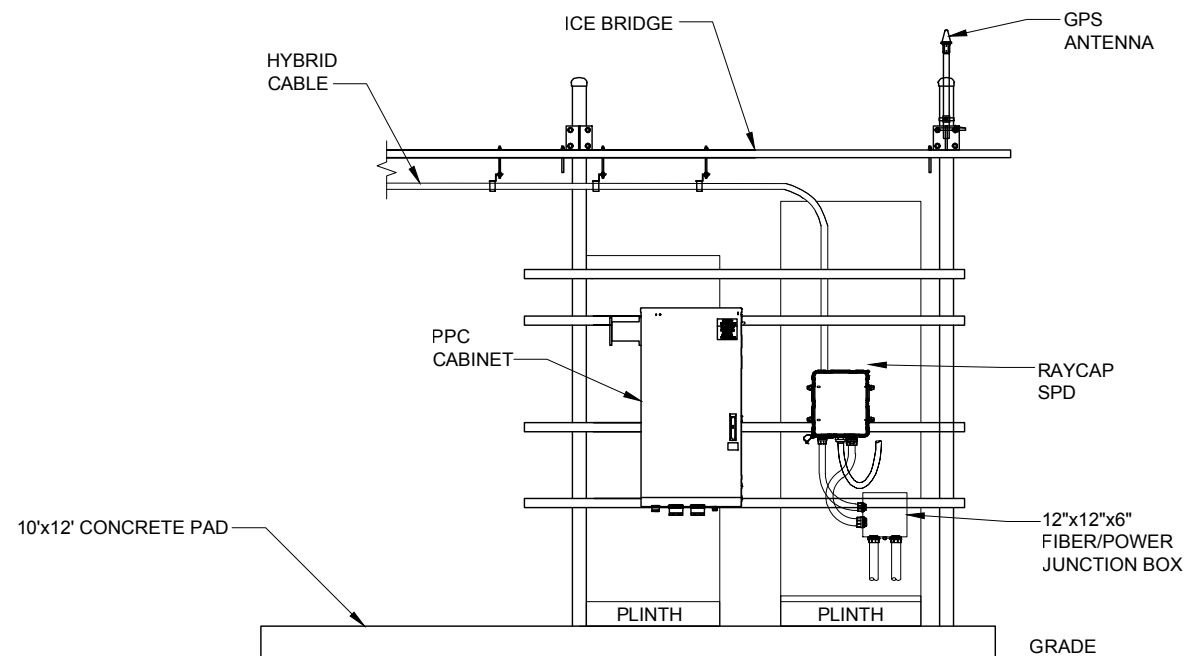
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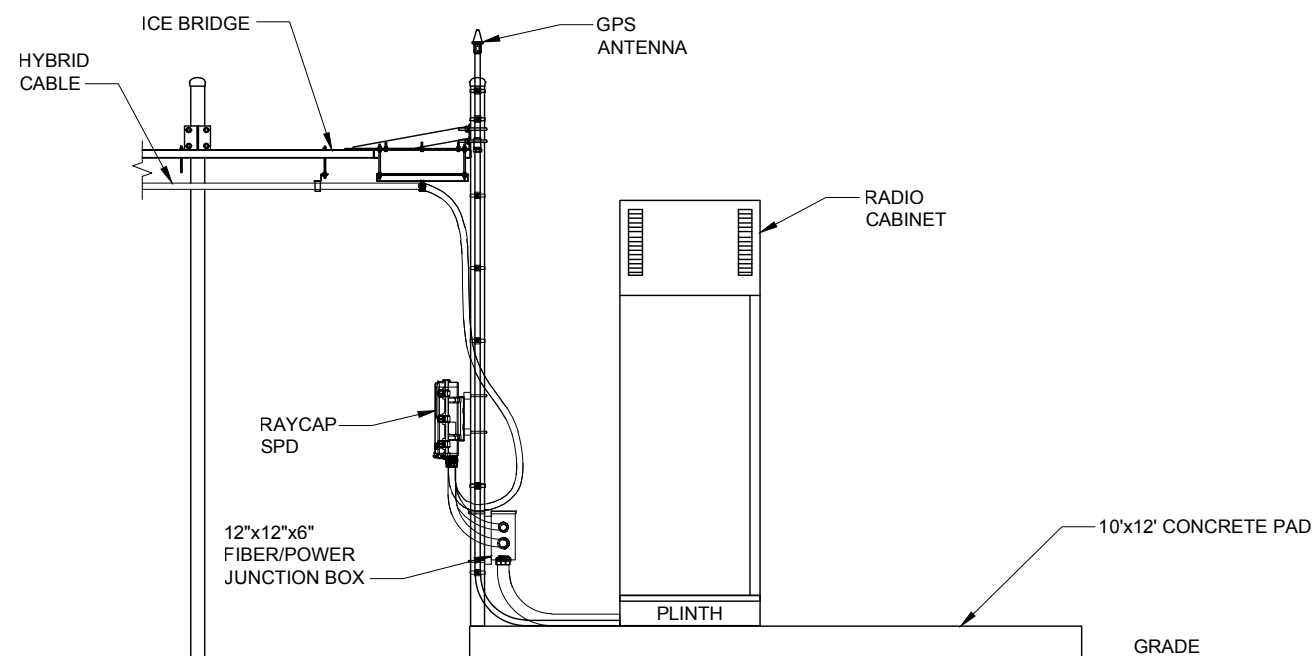
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SHEET TITLE
EQUIPMENT CABINET
PLAN

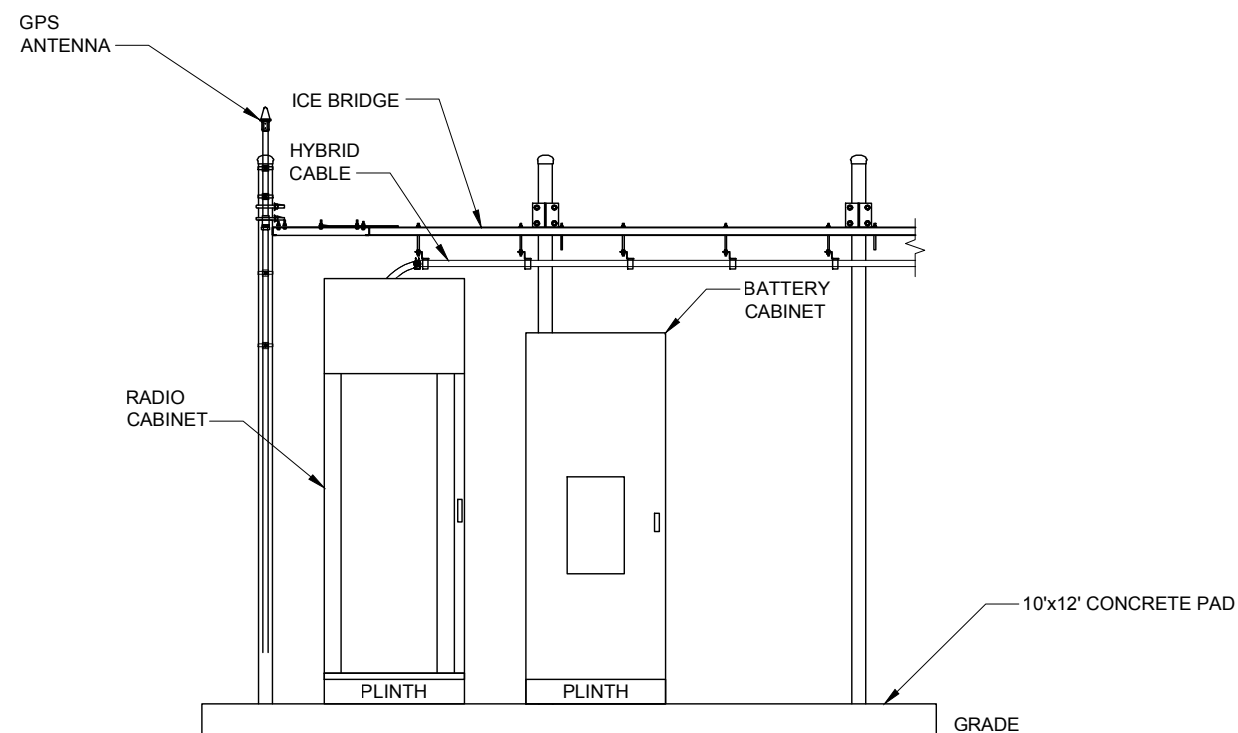
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C-4A



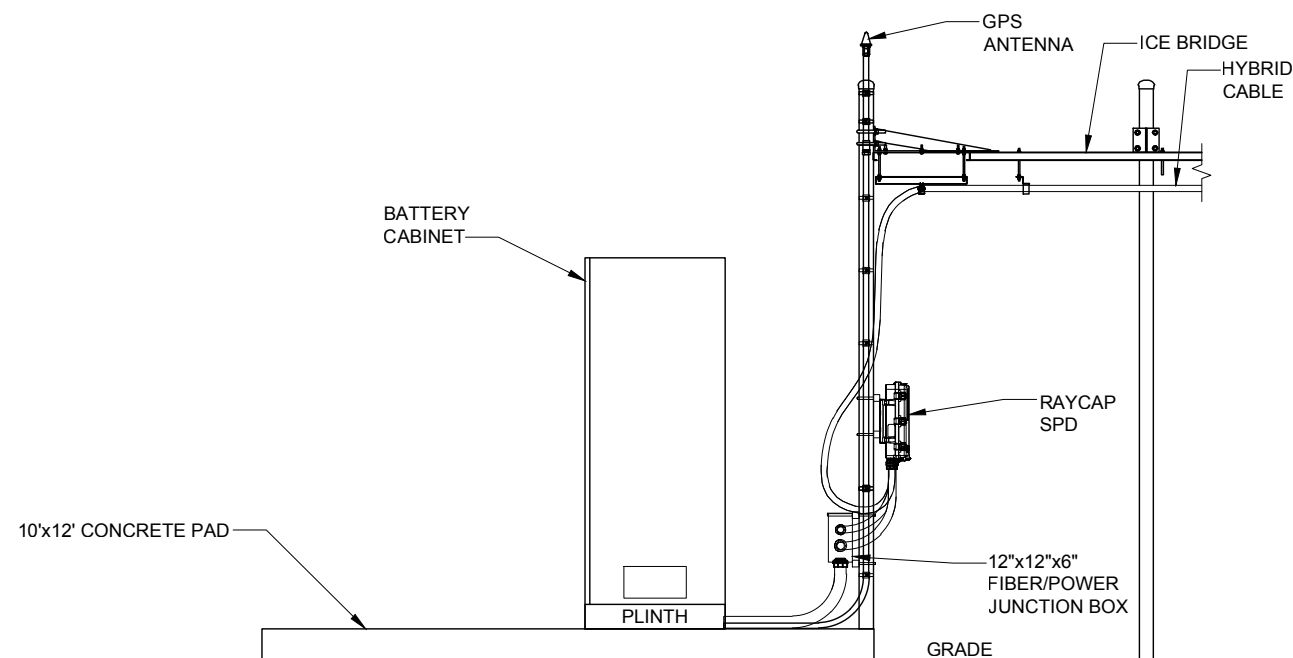
A EQUIPMENT PAD ELEVATION
N.T.S.



B EQUIPMENT PAD ELEVATION
N.T.S.



C EQUIPMENT PAD ELEVATION
N.T.S.



D EQUIPMENT PAD ELEVATION
N.T.S.



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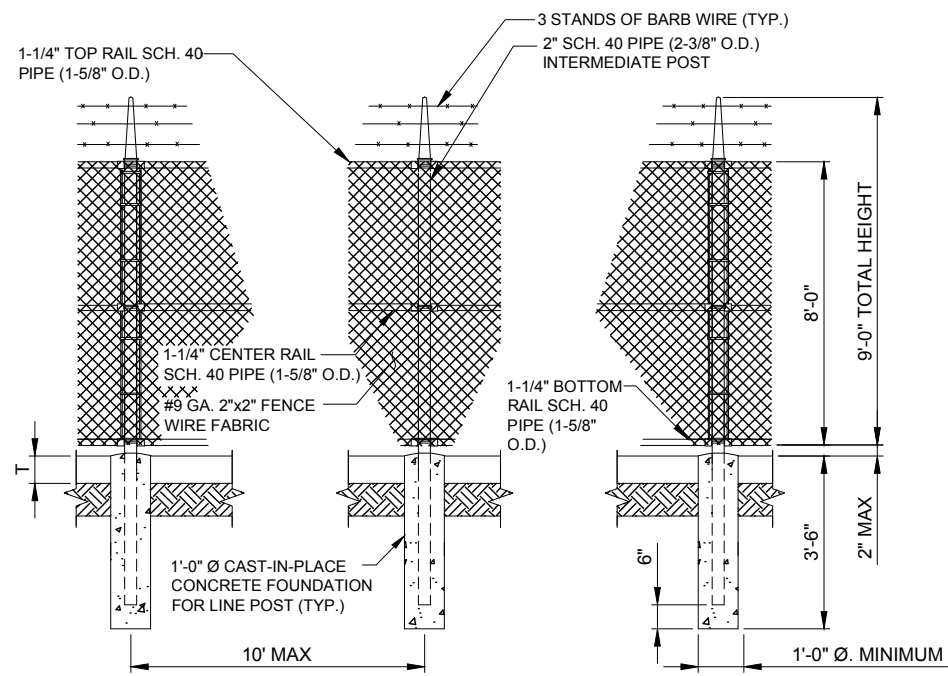
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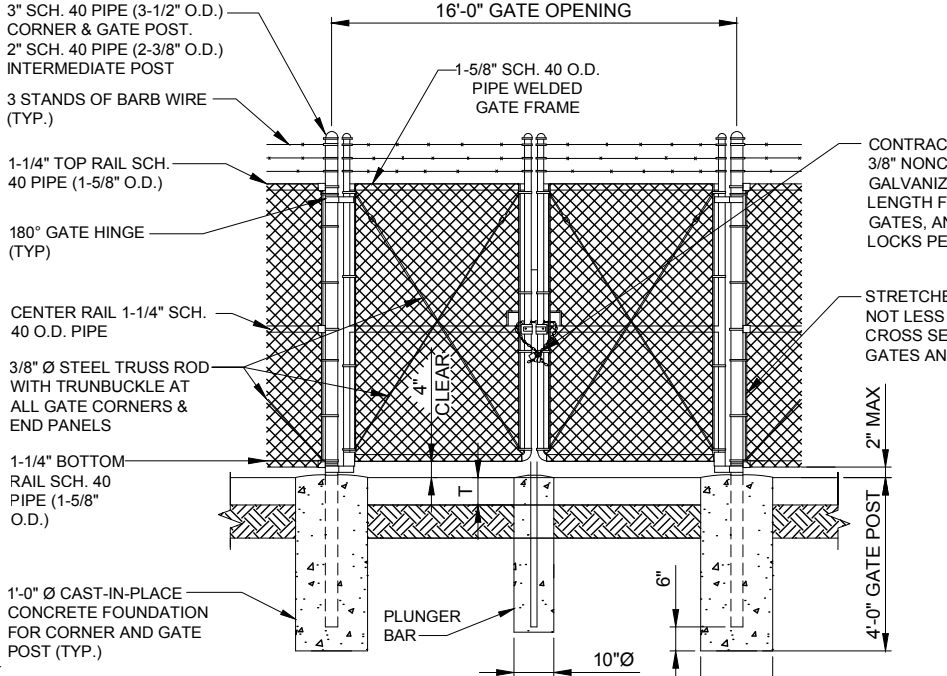
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SHEET TITLE
EQUIPMENT PAD ELEVATIONS

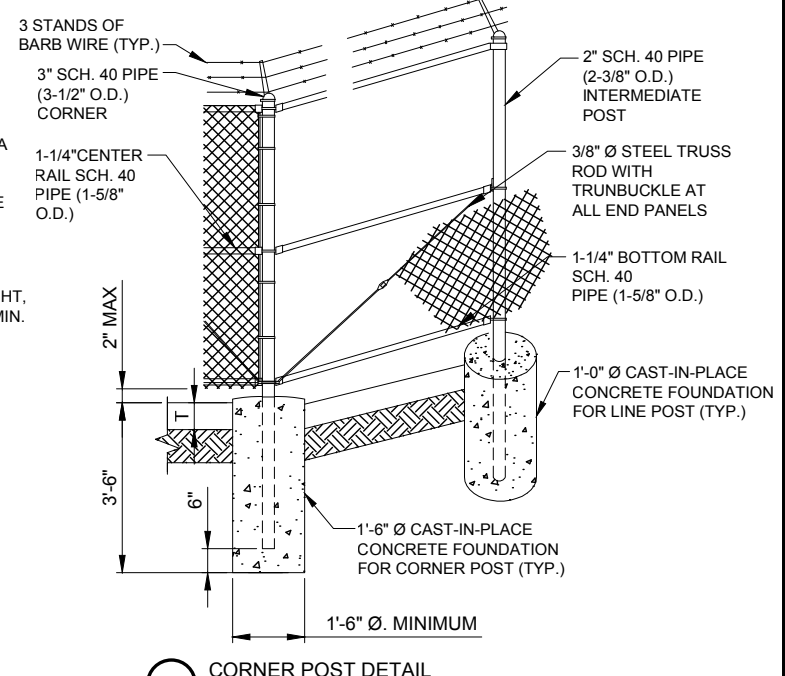
SHEET NUMBER
C-5



1 FENCE POST DETAILS
N.T.S.



2 16'-0" DOUBLE SWING GATE
N.T.S.



3 CORNER POST DETAIL
N.T.S.

STYMILOCK INSTALLATION

1. DRILL 3/8" HOLES IN THE GATE LEAF USING THE GATE DIMENSIONS PROVIDED.
2. SLIDE THE CARRIAGE BOLTS IN THE SLOTS ON THE BACK OF PART "B" AND PUSH THE BOLTS THROUGH THE HOLES DRILLED IN THE GATE FIGURE. PUT THE NUT AND THE LOCKNUT ON AND TIGHTEN AND CUT THE EXCESS BOLT OFF. DO THE SAME WITH PART "A".
3. ADD THE NUMBER OF SLEEVES NEEDED FOR THE NUMBER OF LOCKS AND SLIDE THE LOCKING BAR INTO PLACE THROUGH BOTH PART "A" AND PART "B". NOW INSTALL THE LOCKS.
4. IF THE GATE HAS NO CENTER BAR IN THE GATE LEAF YOU MAY NEED TO MOUNT THE STYMILOCK VERTICALLY USING THE SAME DIMENSIONS GIVEN ON THE GATE FACE.
5. VERTICAL APPLICATION MAY ALSO BE USED ON SLIDING GATES WITH MULTIPLE LOCKS.

- FENCING NOTES:**
1. ALL STEEL MATERIAL SHALL BE HOT-DIPPED GALVANIZED AND CONFORM TO FEDERAL SPECIFICATION RR-F-191.
 2. GATE HINGE BOLTS SHALL HAVE THEIR THREADS PEENED OR WELDED TO PREVENT UNAUTHORIZED REMOVAL.
 3. THE FENCE SHALL BE GROUNDED AS SHOWN IN ELECTRICAL DETAILS
 4. ALL FENCING AND RELATED ASSEMBLIES SHALL BE GALVANIZED ZINC FINISH (BARB WIRE-ASTM A585 FABRIC-ASTM A392-84 FRAME WORK-ASTM F669-81)
 5. 2. ALL CONCRETE FOOTINGS SHALL BE 6.1 BAG MIX 3000 PSI CONCRETE
 6. ALL CORNER POST SHALL HAVE BARB WIRE/ ARMS LEANING OUT.
 7. ALL GATE FABRIC, POSTS AND HARDWARE SHALL HAVE A GALVANIZED FINISH CONFORMING TO ASTM A153 OR 120/123

GENERAL NOTES

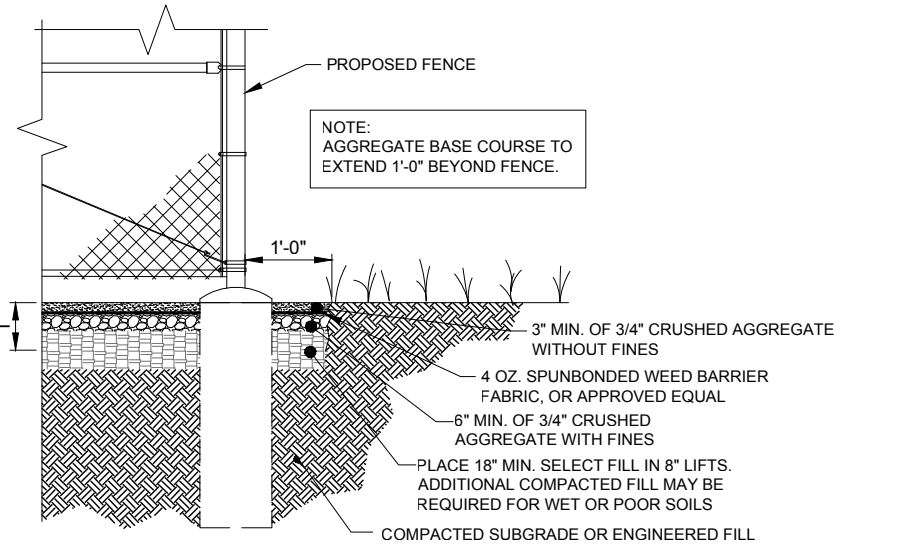
1) G.C. IS RESPONSIBLE TO PAY AND SCHEDULE THIRD PARTY INSPECTIONS FOR BOTH TOWER AND BUILDING FOUNDATIONS. CAPITAL TELECOM GETS COPIES AT CLOSE OUT.

COPIES OF THE REPORT ARE ISSUED TO THE CONTRACTOR FOR CONVENIENCE ONLY. THE REPORT IS NOT A PART OF THE CONTRACT DOCUMENTS. NEITHER THE OWNER NOR THE ENGINEER/ARCHITECT GUARANTEE THE ACCURACY OR VALIDITY OF THE DATA CONTAINED THEREIN, NOR DO THEY ASSUME ANY RESPONSIBILITY FOR THE CONTRACTOR'S USE OR INTERPRETATION OF THE DATA CONTAINED THEREIN.

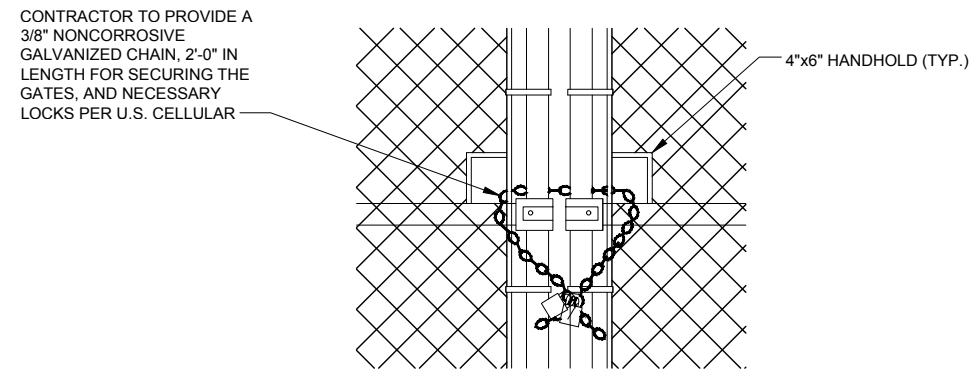
GEOTEXTILE PARAMETERS		
PROPERTY	MINIMUM VALUE (a)	TEST METHOD
GRAB STRENGTH	180 LBS.	ASTM D-4632-91
PUNCTURE STRENGTH	75 LBS.	ASTM D-4833-88
BURST STRENGTH	290 LBS.	ASTM D-3786
TRAPEZOIDAL TEAR	50 LBS.	ASTM D-4571-87

(a) ALL VALUES REPRESENT MINIMUM ROLL VALUES

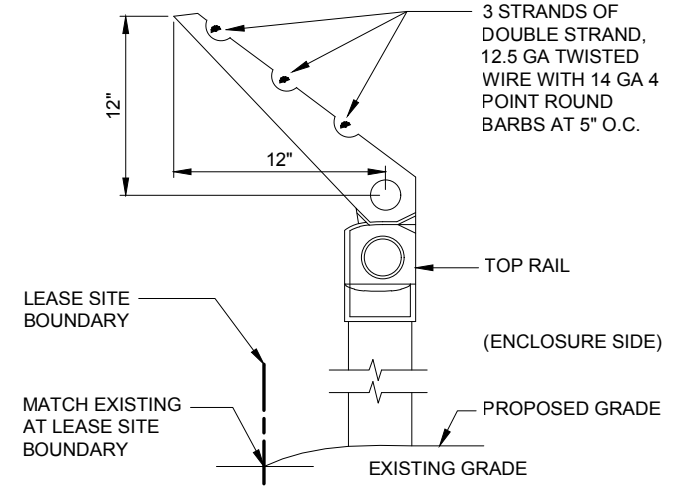
NOTES:
THE FABRIC SHOULD BE PLACED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS. INTERSECTIONS OF SHEETS MUST BE SEWN OR SUFFICIENTLY OVERLAPPED (AT LEAST 24 INCHES) OR AS SPECIFIED BY THE MANUFACTURER. THE GEOTEXTILE SHEETS SHOULD ALSO BE PLACED TAUT TO REDUCE WRINKLES OR FOLDS. CARE MUST BE EXERCISED TO PREVENT PHYSICAL DAMAGE OF THE GEOTEXTILE PRIOR TO, DURING AND AFTER INSTALLATION. UTILITIES SHOULD BE INSTALLED BEFORE PLACING THE FABRIC.



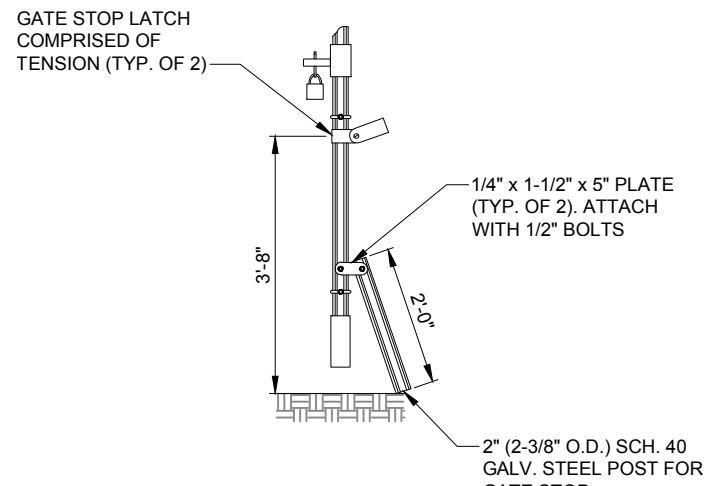
4 AGGREGATE CROSS-SECTION
N.T.S. LEASE SITE



5 GATE HANDHOLE DETAIL
N.T.S.



6 BARBED WIRE DETAIL
N.T.S.



7 GATE KEEPER DETAIL
N.T.S.

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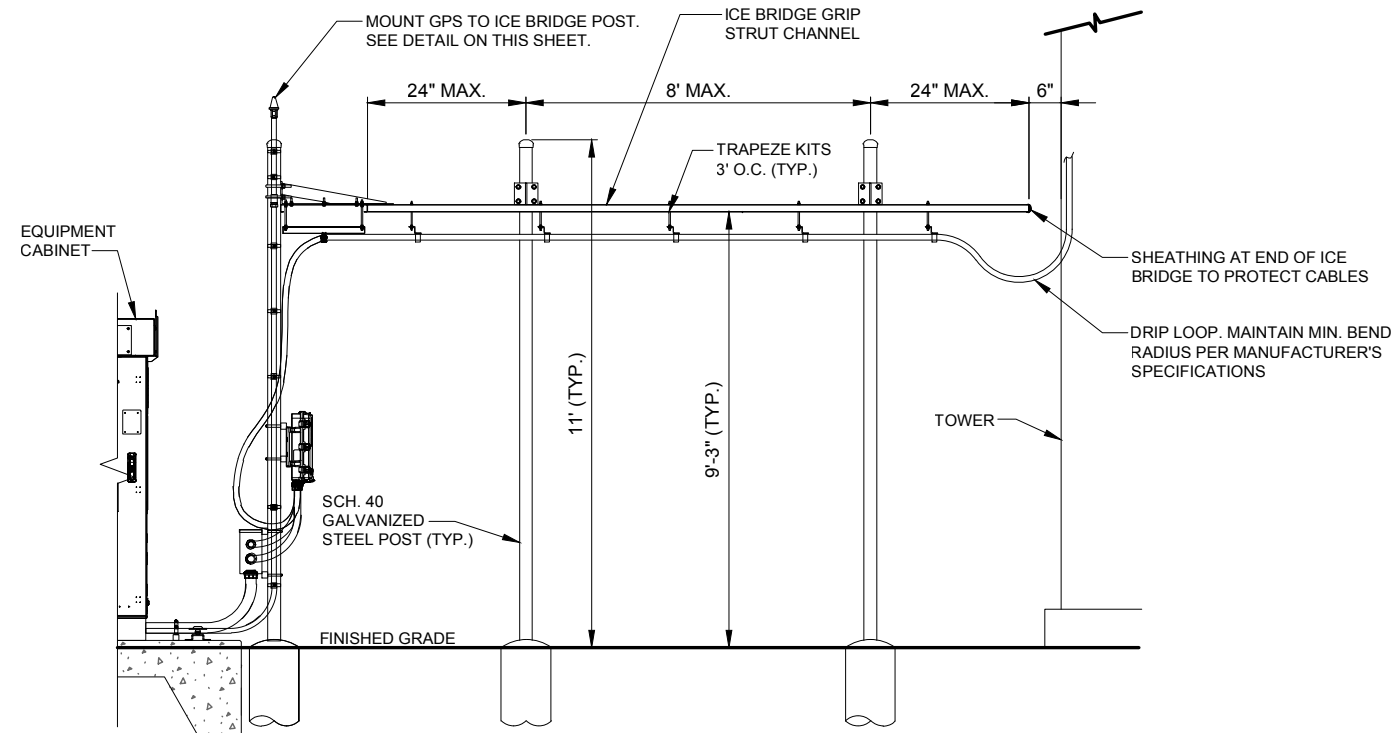
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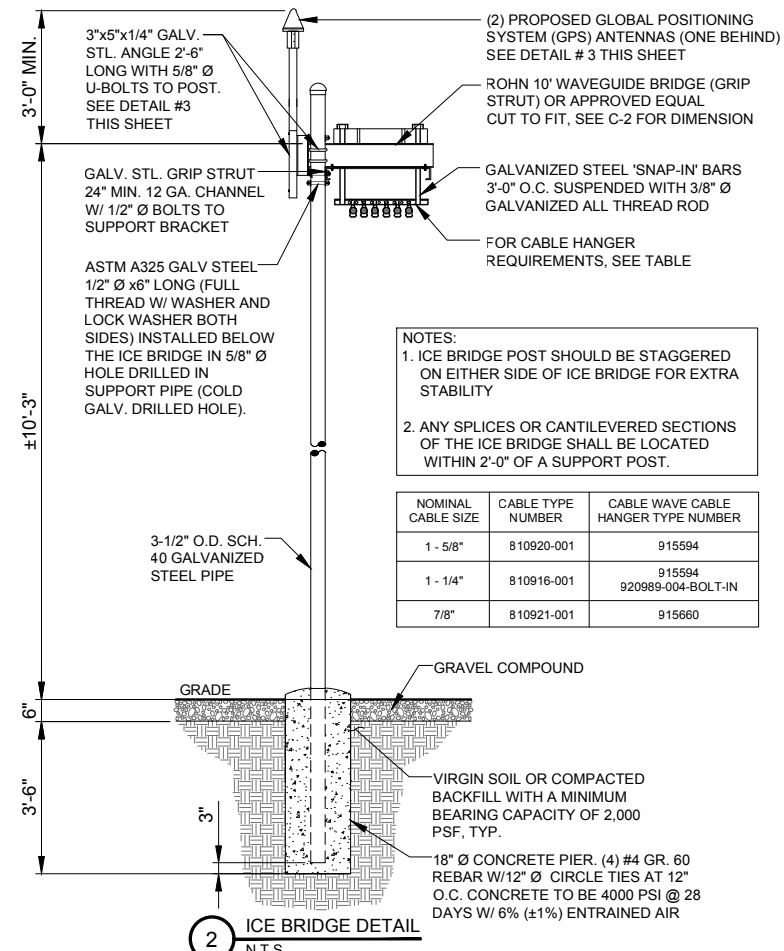
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SHEET TITLE
FENCE DETAILS

SHEET NUMBER
C-6

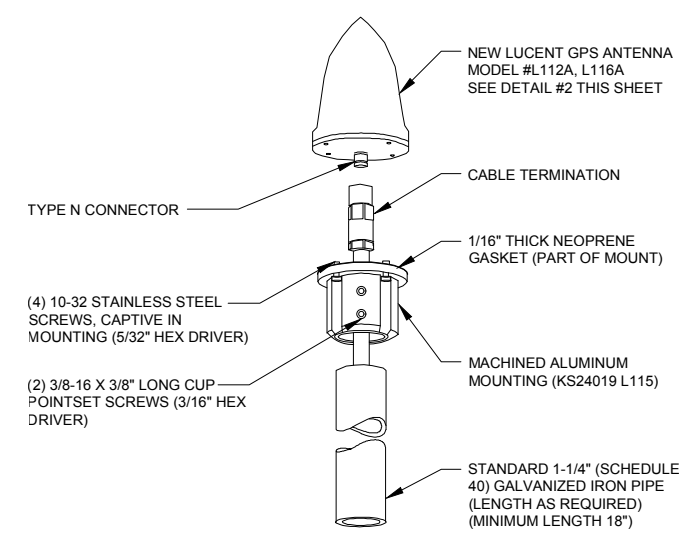


1 ICE BRIDGE INSTALLATION DETAIL
N.T.S.



NOTES:
1. ICE BRIDGE POST SHOULD BE STAGGERED ON EITHER SIDE OF ICE BRIDGE FOR EXTRA STABILITY
2. ANY SPLICES OR CANTILEVERED SECTIONS OF THE ICE BRIDGE SHALL BE LOCATED WITHIN 2'-0\"/>

NOMINAL CABLE SIZE	CABLE TYPE NUMBER	CABLE WAVE CABLE HANGER TYPE NUMBER
1 - 5/8"	810920-001	915594
1 - 1/4"	810916-001	915594 920989-004-BOLT-IN
7/8"	810921-001	915660



3 TYPICAL GPS DETAIL
N.T.S.



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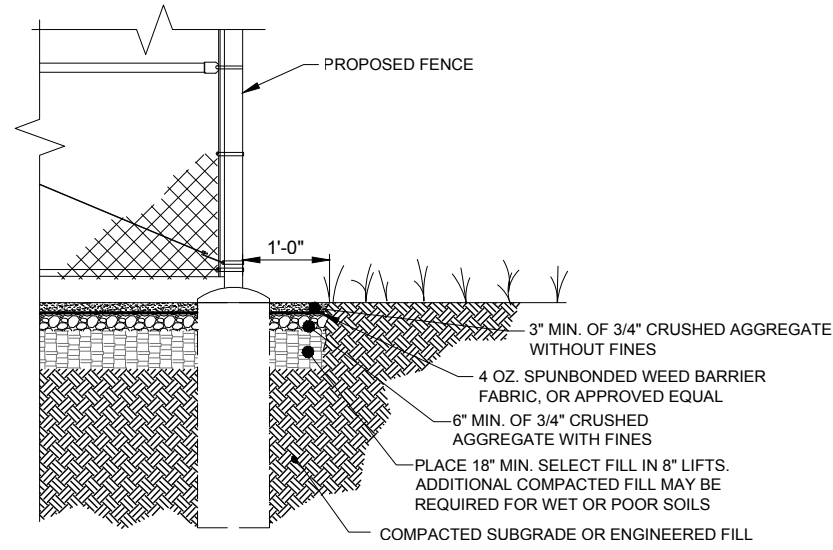
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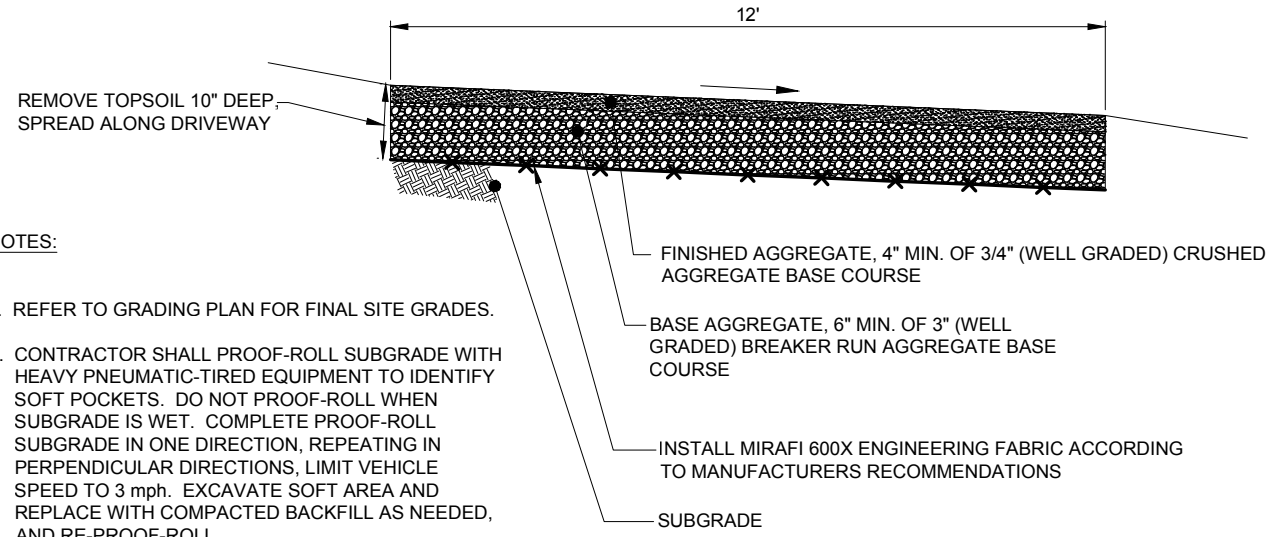
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SHEET TITLE
SITE DETAILS

SHEET NUMBER
C-7



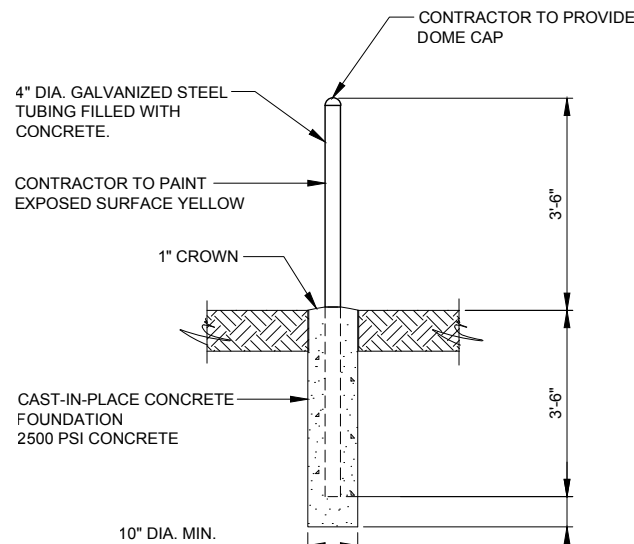
1 **AGGREGATE CROSS-SECTION**
N.T.S. LEASE SITE



NOTES:

1. REFER TO GRADING PLAN FOR FINAL SITE GRADES.
2. CONTRACTOR SHALL PROOF-ROLL SUBGRADE WITH HEAVY PNEUMATIC-TIRED EQUIPMENT TO IDENTIFY SOFT POCKETS. DO NOT PROOF-ROLL WHEN SUBGRADE IS WET. COMPLETE PROOF-ROLL SUBGRADE IN ONE DIRECTION, REPEATING IN PERPENDICULAR DIRECTIONS, LIMIT VEHICLE SPEED TO 3 mph. EXCAVATE SOFT AREA AND REPLACE WITH COMPACTED BACKFILL AS NEEDED, AND RE-PROOF-ROLL.

2 **GRAVEL ROAD SECTION**
SCALE: N.T.S



3 **BOLLARD DETAIL**
N.T.S.



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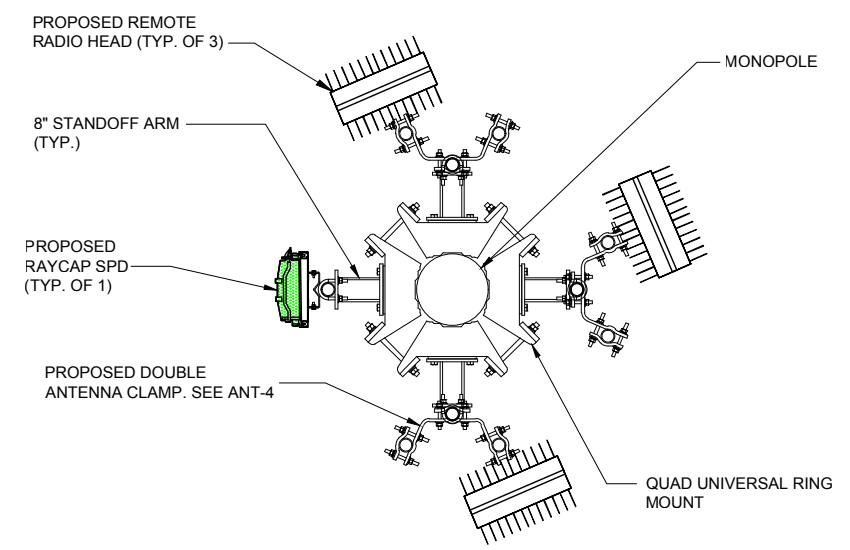
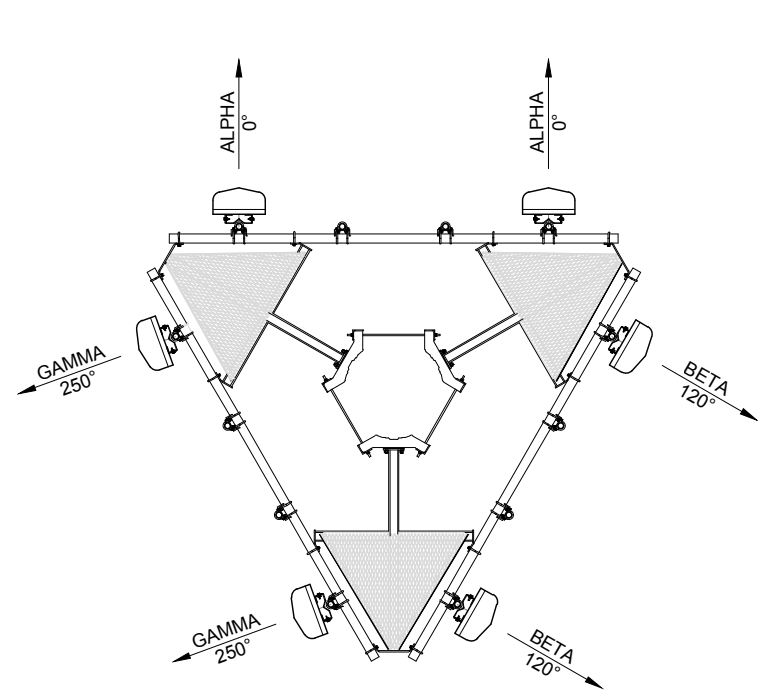
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SHEET TITLE
SITE DETAILS

SHEET NUMBER
C-8

NOTE:
VERIFY AZIMUTHS
WITH FINAL RDP.



RRU & RAYCAP JUNCTION BOX ANTENNA LAYOUT
N.T.S.

1 ANTENNA AND EQUIPMENT LAYOUT
SCALE: N.T.S.

Antenna Information :									Radio Information:				Other:			
Sector	Ant ID	Ant Manufac.	Ant Model	Ant Qty	Rad Ctr.	Mech Tilt	Radome Notes	Azi	Tech	Band			Cable type	Cable Qty	Coax Size	Raycap Box Qty
										B12 Radio	Radio Qty	Tower/ Ground Mounted 2T2R14T4R				
Alpha		KMW	AM-X-CD-17-65-00T	2	180	0	Dedicated	0	LTE	Ericsson 4449	1	TM-4T4R	Hybrid	1	Hybrid	1
Alpha																
Alpha																
Alpha																
Alpha																
Beta		KMW	AM-X-CD-17-65-00T	2	180	0	Dedicated	120	LTE	Ericsson 4449	1	TM-4T4R				
Beta																
Beta																
Beta																
Beta																
Beta																
Gamma		KMW	AM-X-CD-17-65-00T	2	180	0	Dedicated	250	LTE	Ericsson 4449	1	TM-4T4R				
Gamma																
Gamma																
Gamma																
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Gamma																
Total :				6							3			1		1

2 PROPOSED ANTENNA AND EQUIPMENT LOADING
SCALE: N.T.S.



TERRA
COMMUNICATIONS, INC.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-698-6400
FAX: 847-698-6401

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ABBOTSFORD, WI 54405

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DATE:	12/21/18
PROJECT #:	143-000

SHEET TITLE
ANTENNA & EQUIPMENT LAYOUT

SHEET NUMBER
ANT-2

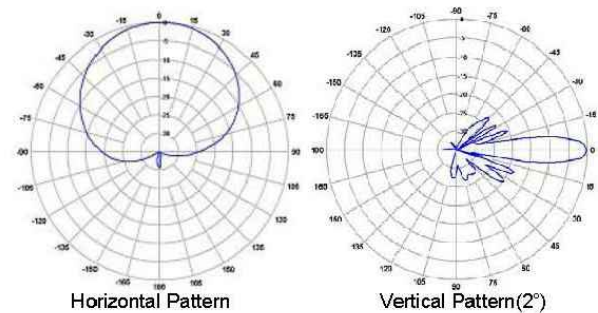


AM-X-CD-17-65-00T-RET

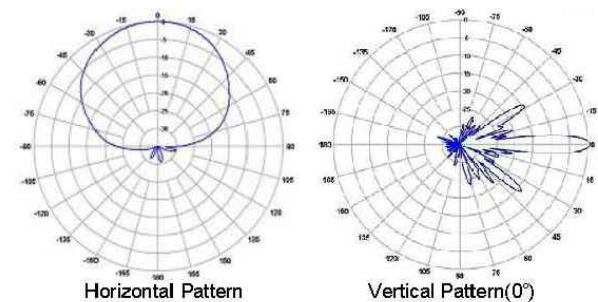
8° 65° Dual Broadband Electrical Downtilt Antenna
 698 ~ 894MHz, X-pol., H65° / V10.0°
 1695 ~ 2180MHz, X-pol., H65° / V6.4°

Electrical Specification

Frequency(MHz)	698~806	824~894	1695~1755	1850~1995	2110~2180
Impedance(Ω)	50	50	50	50	50
Polarization	±45°	±45°	±45°	±45°	±45°
Gain(dBi/dBd)	16.8 /14.65	17.5/15.35	17.3/15.15	17.8/15.65	18.1/15.95
Beamwidth	Horizontal	65°	63°	62°	65°
	Vertical	10°	9°	6.8°	6.4°
VSWR	≤1.5:1	≤1.5:1	≤1.5:1	≤1.5:1	≤1.5:1
Front-to-Back Ratio(dB)	≥27	≥27	≥27	≥27	≥27
Electrical Downtilt	0° ~ 12°	0° ~ 12°	0° ~ 10°	0° ~ 10°	0° ~ 10°
Isolation Ports(dB)	≥30	≥30	≥30	≥30	≥30
Isolation Frequency(dB)	≥35	≥35	≥35	≥35	≥35
Cross Pole	10.0 dB @ ±60°	10.0 dB @ ±60°	10.0 dB @ ±60°	10.0 dB @ ±60°	10.0 dB @ ±60°
Discrimination	15.0 dB @ 0°	15.0 dB @ 0°	15.0 dB @ 0°	15.0 dB @ 0°	15.0 dB @ 0°
USLS(dB)	16	16	16	16	16
Side Lobe Suppression	> 16dB @ 0-6°	> 16dB @ 0-6°	> 16dB @ 0-6°	> 16dB @ 0-6°	> 16dB @ 0-6°
	> 18dB @ 7-12°	> 18dB @ 7-12°	> 18dB @ 7-10°	> 18dB @ 7-10°	> 18dB @ 7-10°
PIM (2x20w, dBc)	≤ -150	≤ -150	≤ -150	≤ -150	≤ -150
Input Power(W)	500	500	300	300	300



700MHz Band Pattern



AWS Band Pattern

REVISION: February 17th 2017
 Page | 1

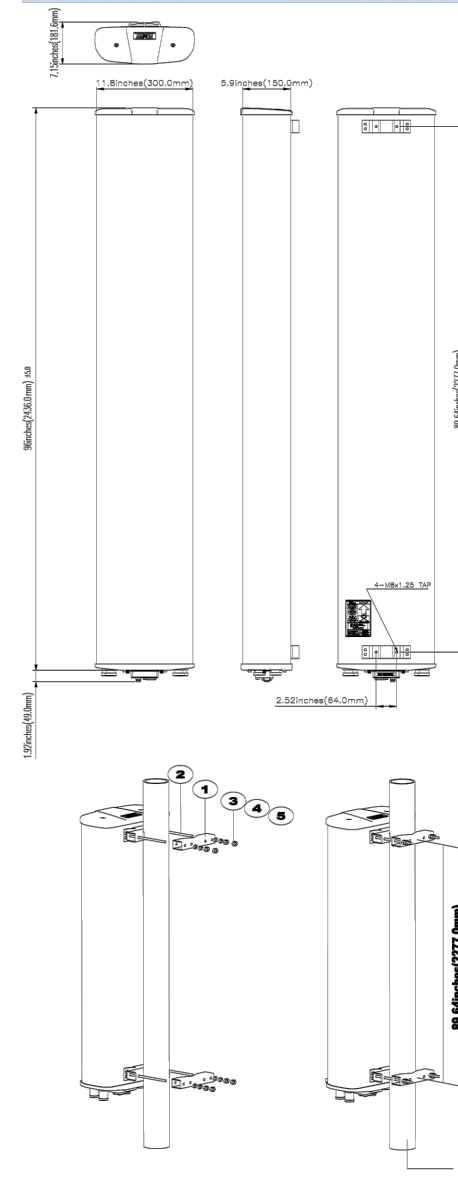


AM-X-CD-17-65-00T-RET

8° 65° Dual Broadband Electrical Downtilt Antenna
 698 ~ 894MHz, X-pol., H65° / V10.0°
 1695 ~ 2180MHz, X-pol., H65° / V6.4°

Mechanical Specification

Dimension (WxDxH)	11.8x5.9x96 inch (300x150x2436 mm)
Weight (Without clamp)	27kg (59.5 lbs)
Connector	4 x 7/16 DIN(F), Long Neck
Max Wind Speed	150 mph
Wind Load (@100 mph)	1121 N



Part List.

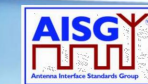
1. Fixed Clamp
2. Hex. Cop Bolt, M10
3. Plain Washer, M10
4. Spring Washer, M10
5. Hex. Nut, M10
6. Adjustable Clamp Up
7. Adjustable Clamp Down

*Recommending Torque
 : 17mm Spanner
 (208lbf.inch, 240kgf.cm)

*Adjustable Clamp Range
 : 0°-9°

*Note

- Environmental Compliance: IP 65 for Radome & IP 67 for Connectors
- RET Motor Configuration: Field Replaceable RET Electronic Control Module RET Motor is internal to antenna & not field replaceable
- Compliant with AISG: AISG 1.1 and 2.0
- Accessory: Standard Mounting Kit is included (Mechanical Down Tilt, KCLDM1B30000 is sold separately)



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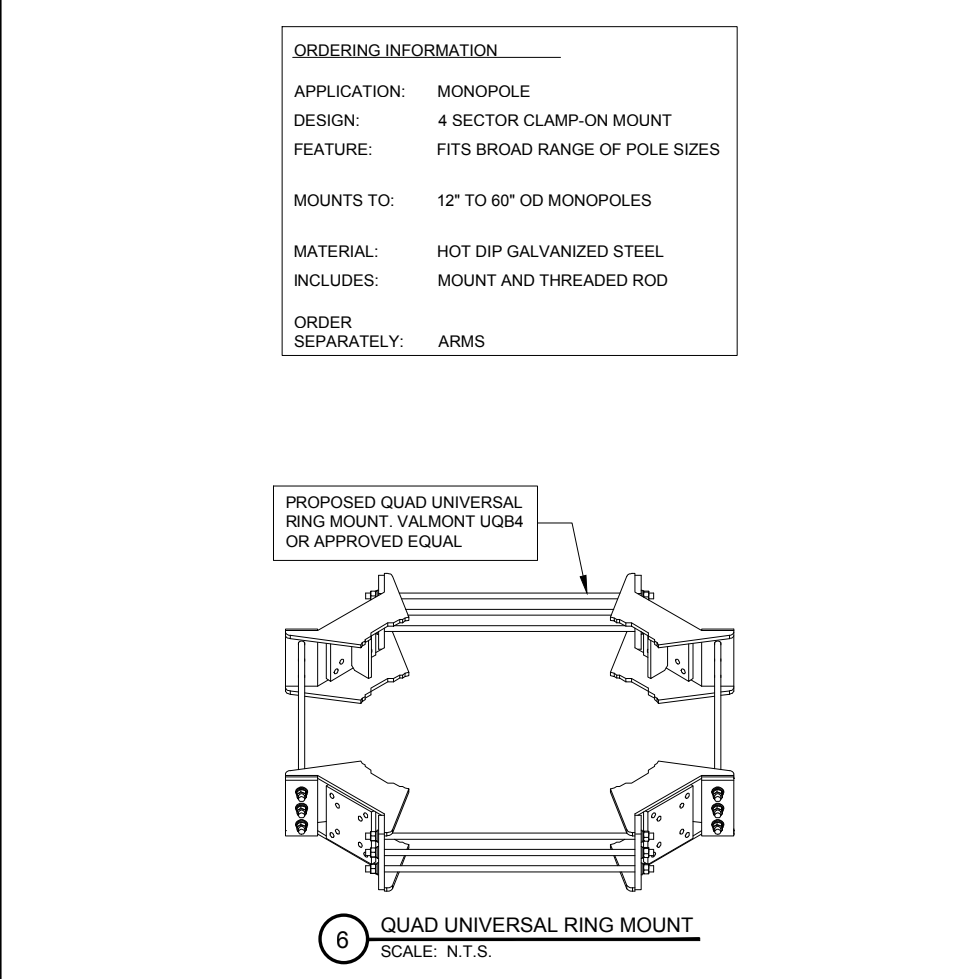
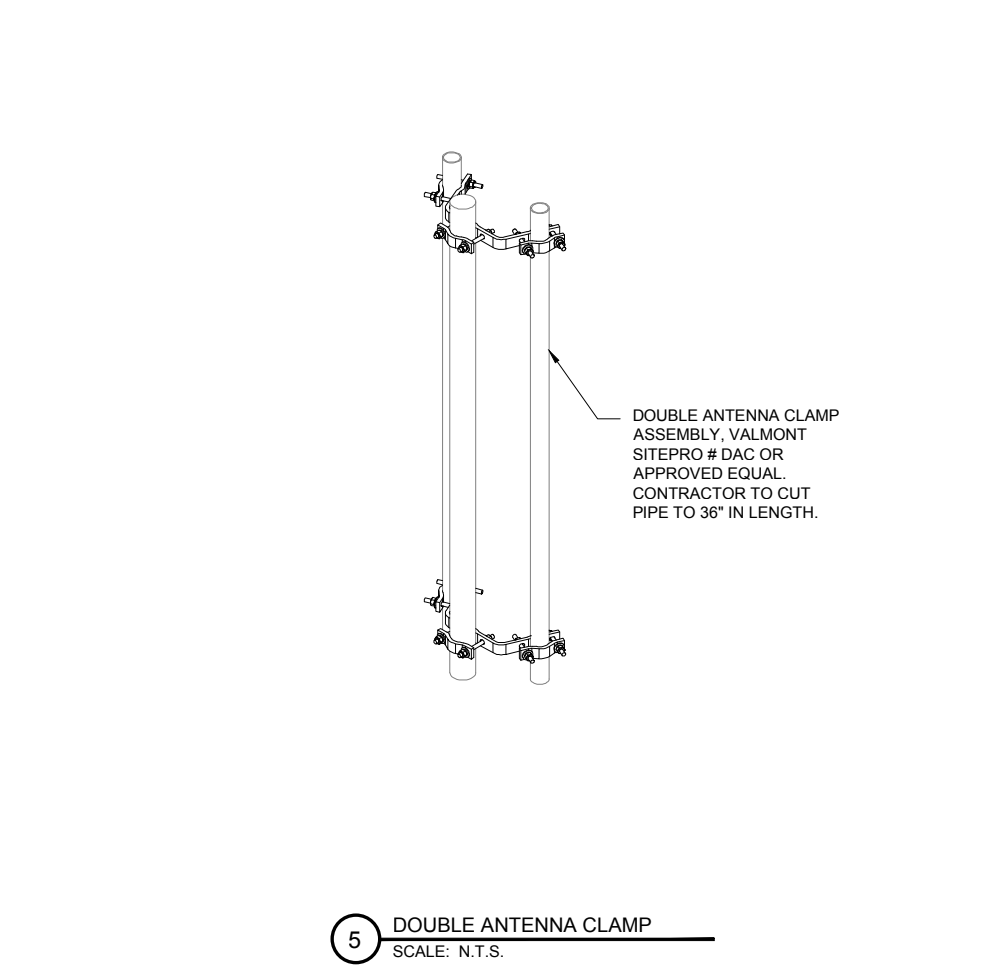
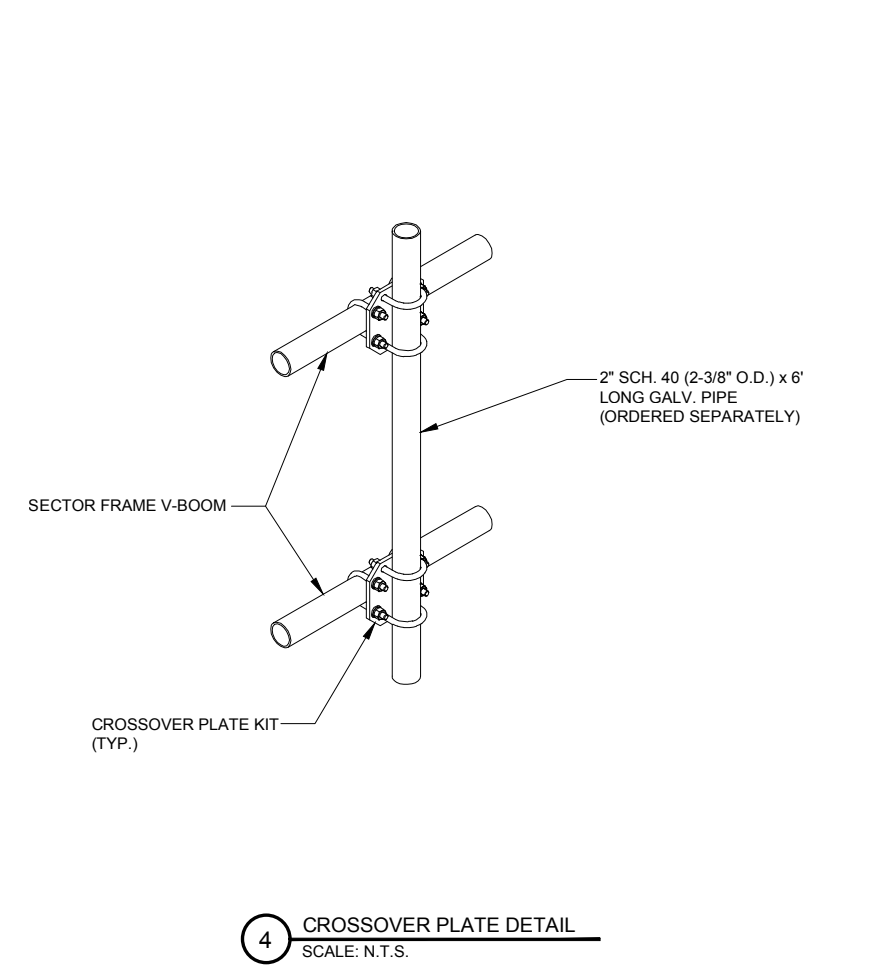
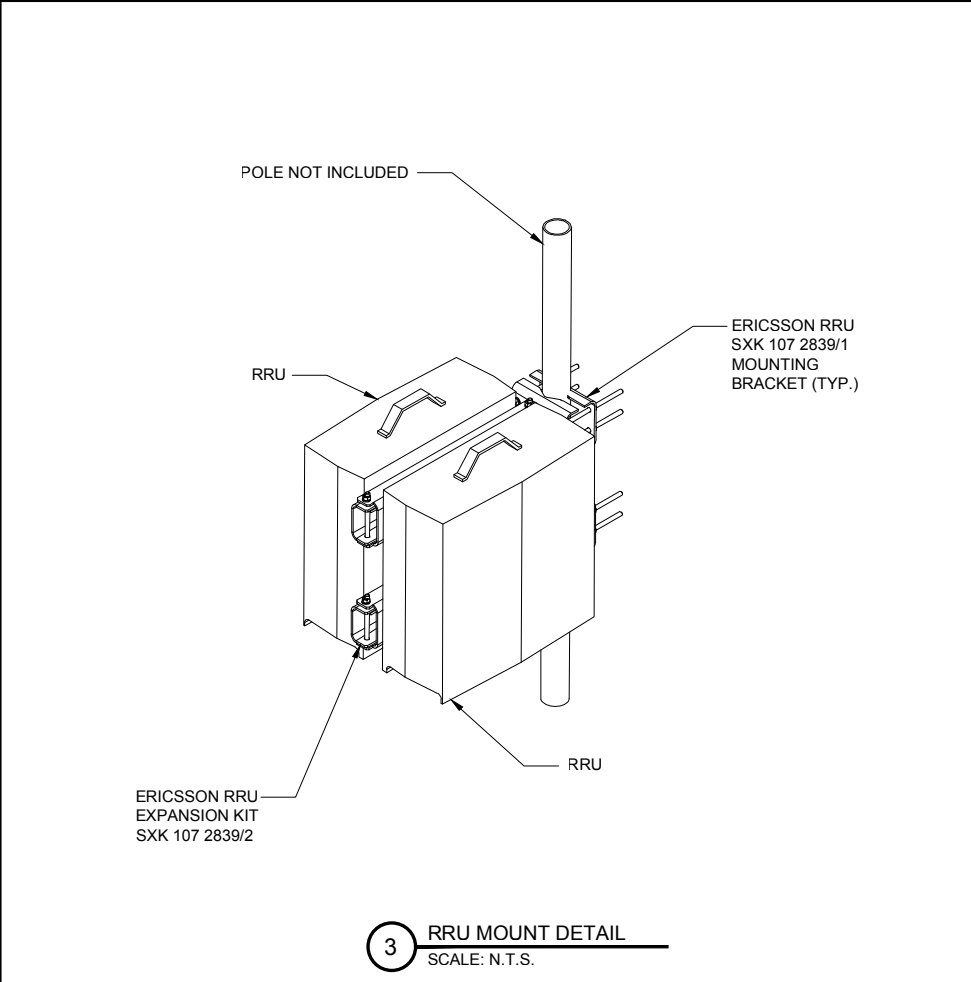
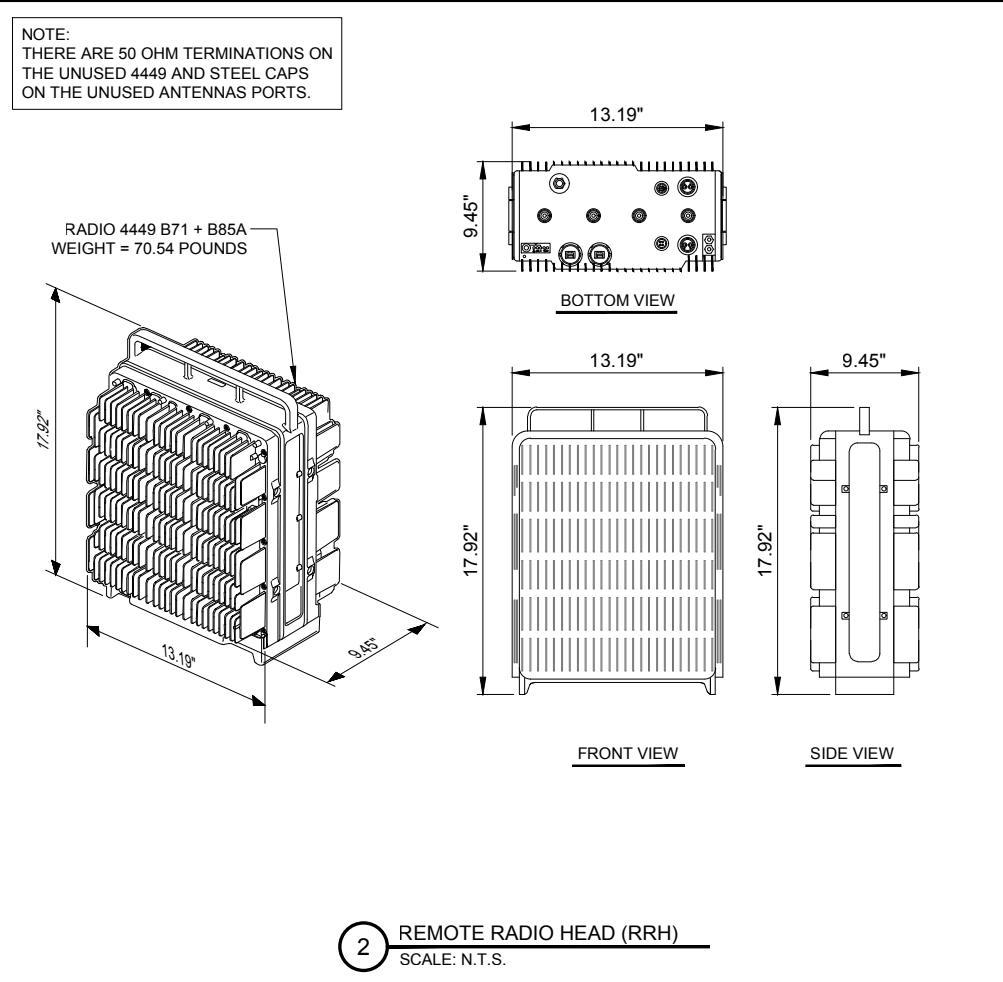
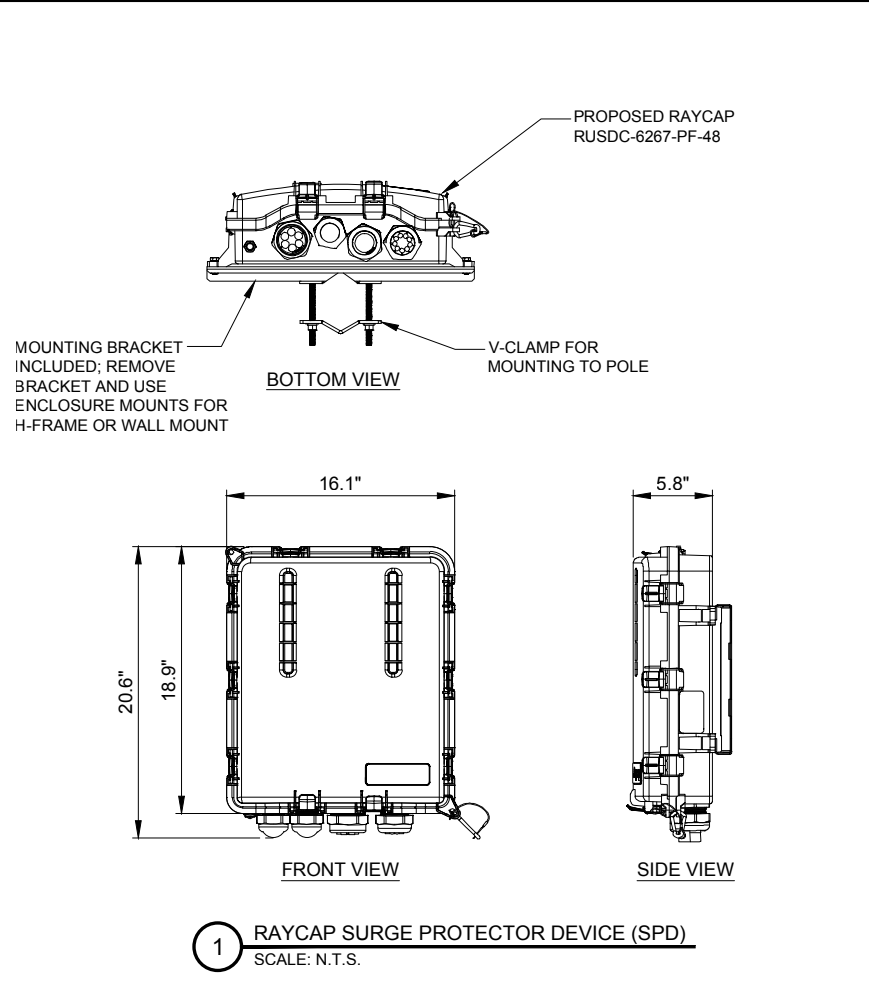
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SHEET TITLE
 ANTENNA
 SPECIFICATIONS

SHEET NUMBER
ANT-3



TERRA
 COMMUNICATIONS, INC.
 600 BUSSE HIGHWAY
 PARK RIDGE, IL 60068
 PH: 847-698-6400
 FAX: 847-698-6401

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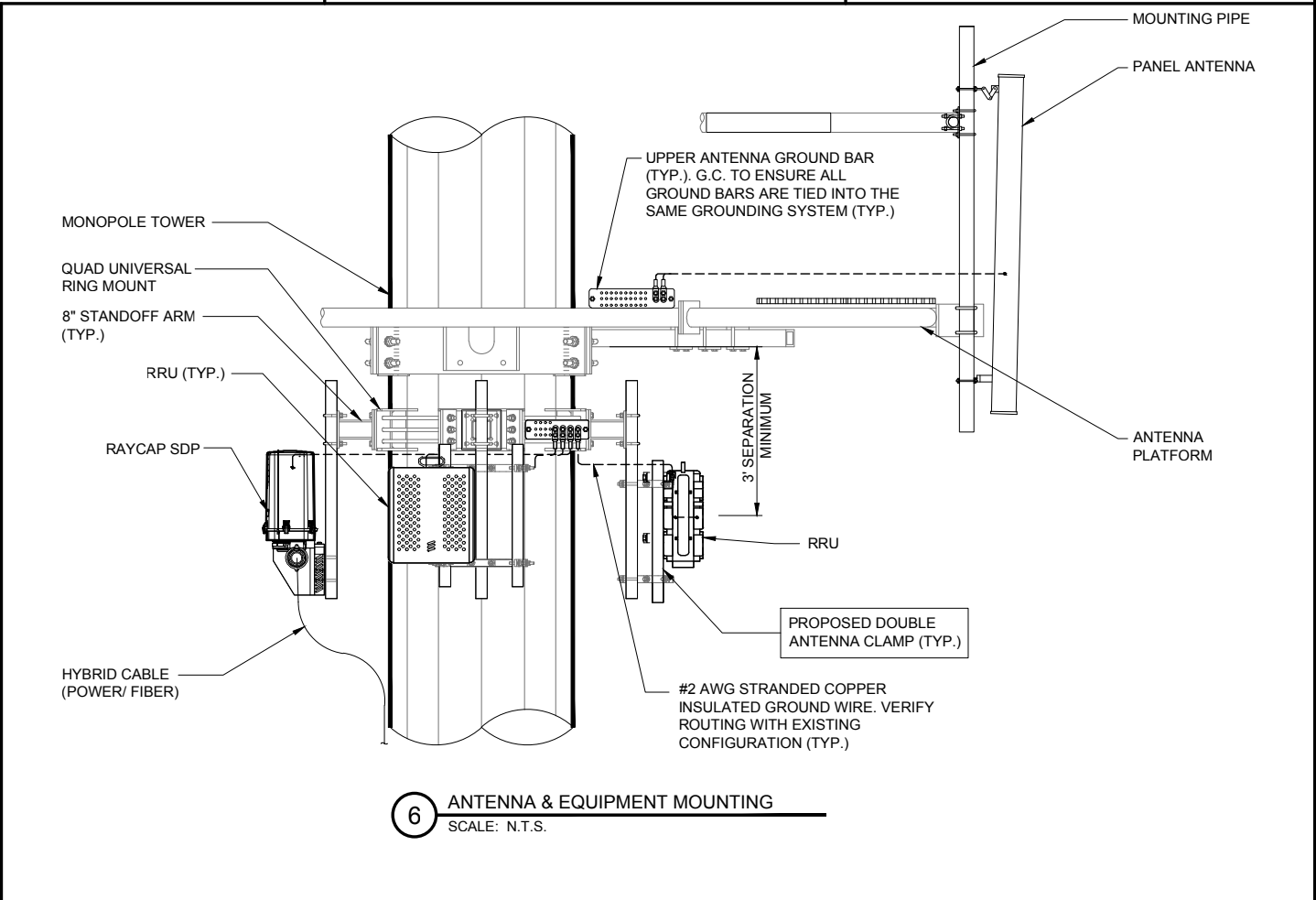
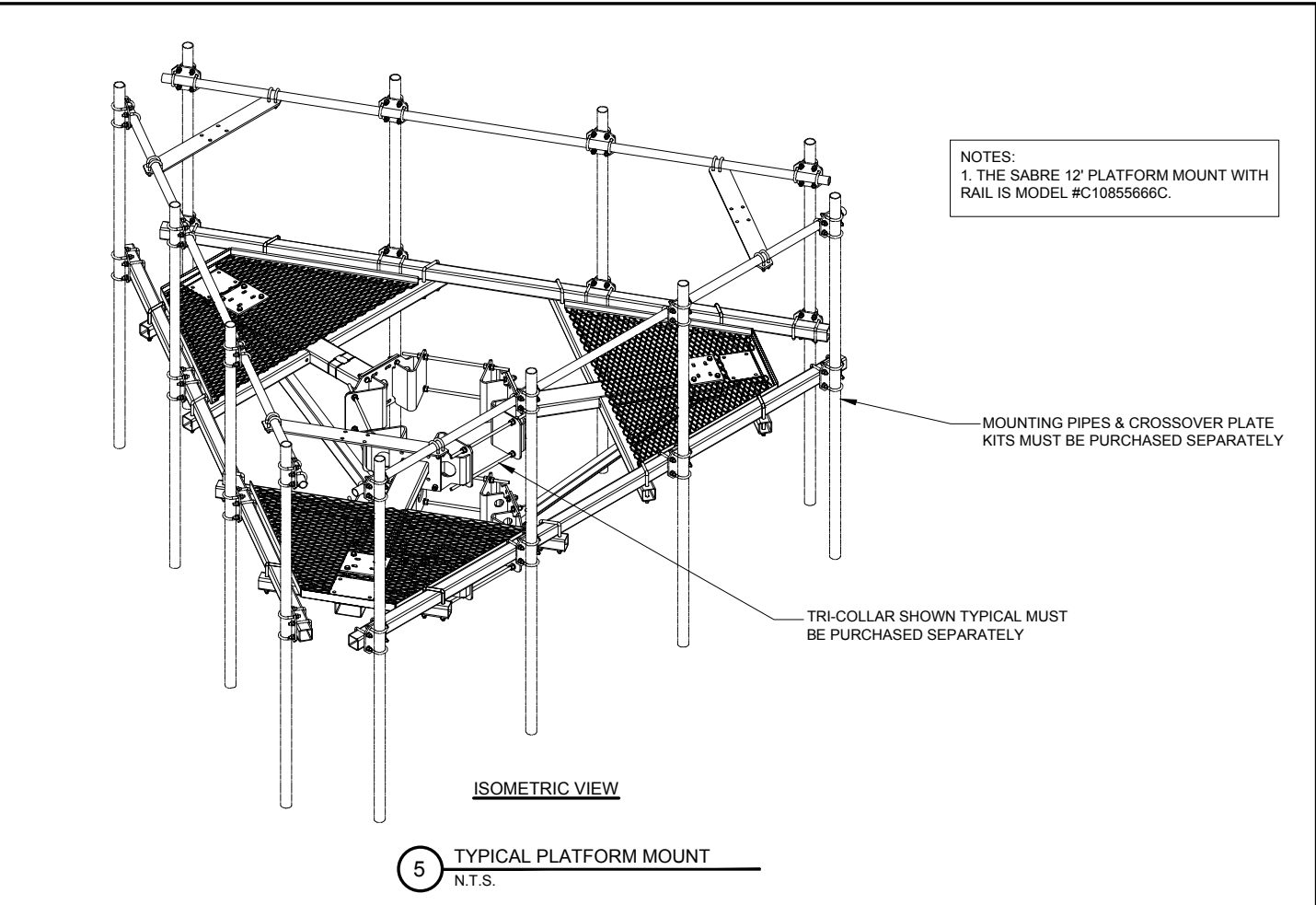
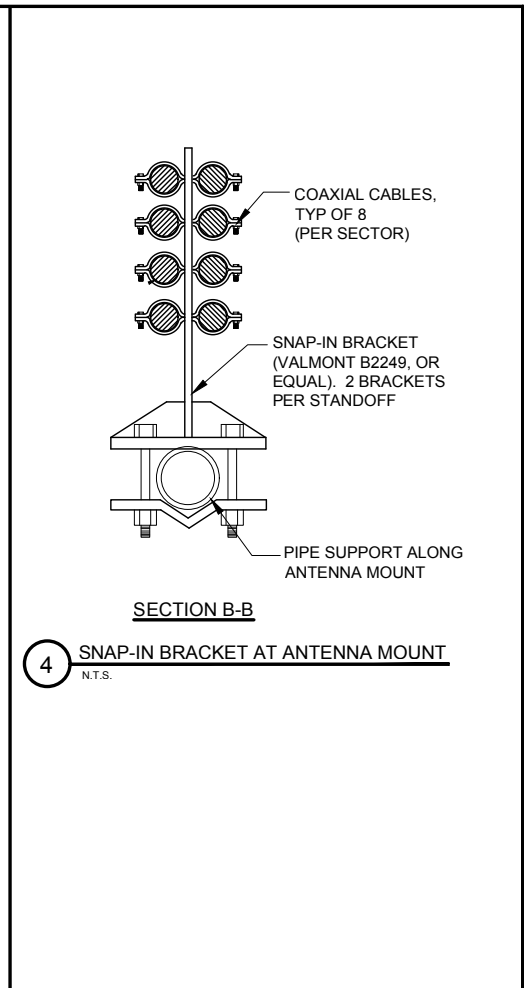
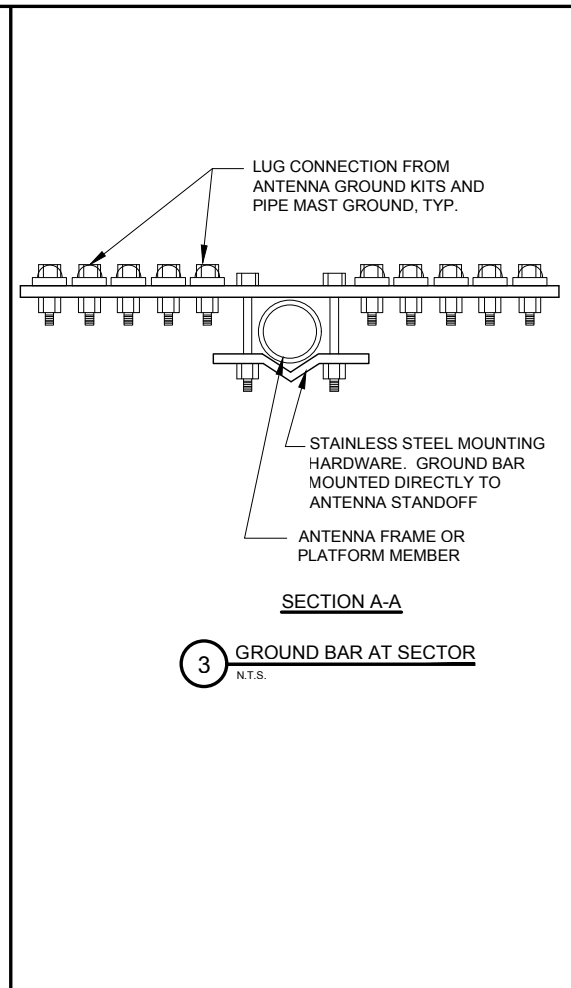
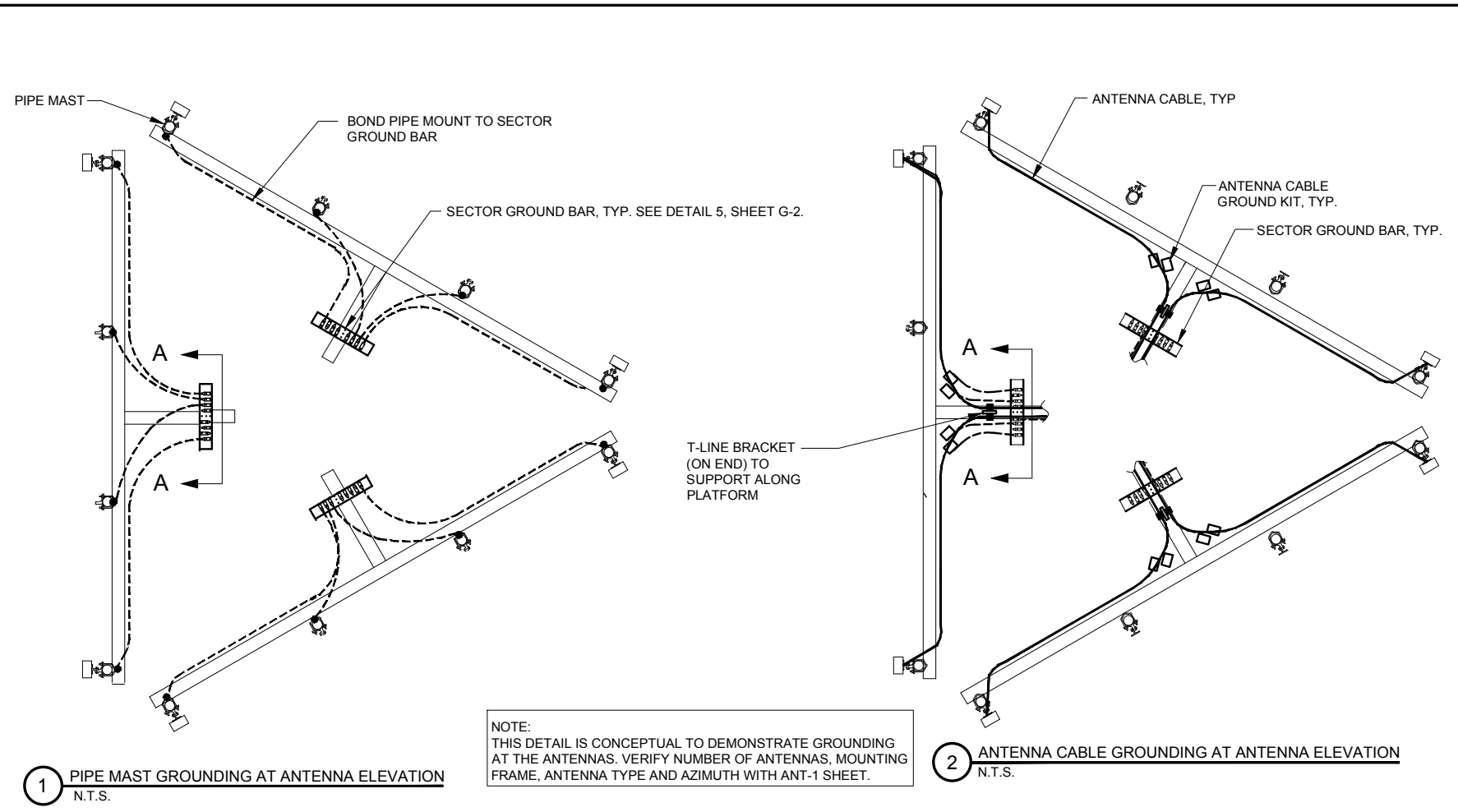
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SHEET TITLE
 EQUIPMENT
 SPECIFICATIONS

SHEET NUMBER
ANT-4



TERRA
COMMUNICATIONS SYSTEMS, LTD.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-698-6400
FAX: 847-698-6401

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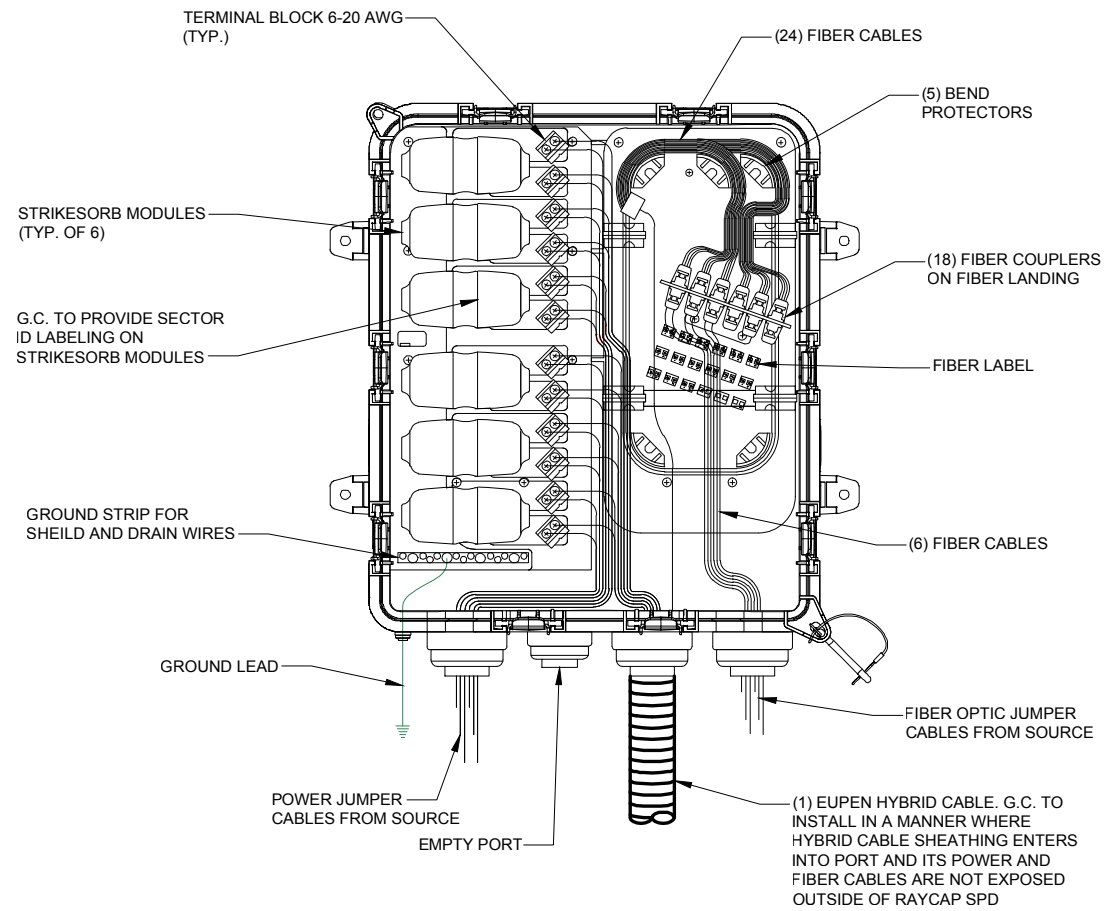
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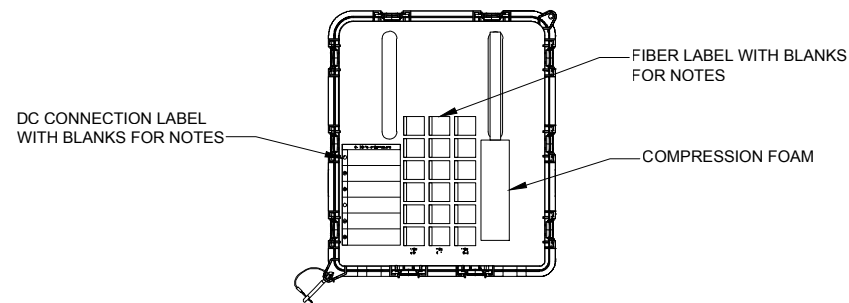
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PROJECT #: 143-000

SHEET TITLE
ANTENNA MOUNTING DETAILS

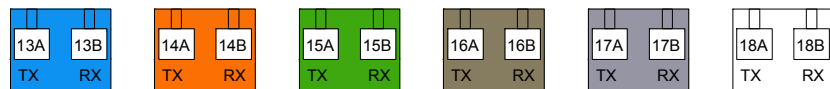
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ANT-5



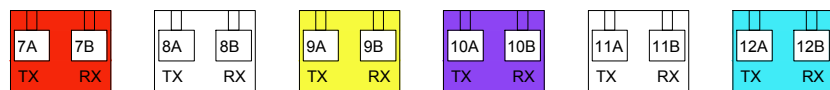
1 RAYCAP SURGE PROTECTOR DEVICE (SPD) CABLING
SCALE: N.T.S.



TOP ROW



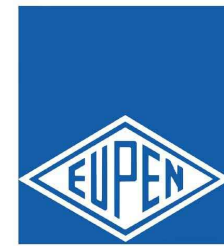
MID ROW



BASE ROW



2 FIBER LABEL
SCALE: N.T.S.



TECHNICAL DATA SHEET

Hybrid Cables for RHH applications

REV: 03/2015 01/02

- EUCAHYBRID 114-12AWG6-2x12MM5-CP
- EUCAHYBRID 114-12AWG6-2x12SM-CP

PRODUCT DESCRIPTION



1-1/4" hybrid fiber optic cable with 48V energy feeder in a corrugated aluminum shielding with UV resistant PE jacket. Multi mode and single mode fibre available.

TECHNICAL FEATURES

CONSTRUCTION	MM5	SM
Copper feed lines		
• Quantity	12	
• Conductor material	electrolytic copper	
• Section	13,3 mm ²	
Dry contact		
• Quantity	2 (one pair)	
• Conductor material	electrolytic copper	
• Copper diameter	0,8 mm	
• Outer diameter (each wire)	1,6 mm	
Fiber Optic cable		
• Quantity	2	
• Fibers quantity	12	
• Fiber type	Multi Mode	Single Mode
• Fiber size	50/125/900 µm	9/125/900 µm
• Reinforcement	Aramide fiber	
Ripcord		
• Quantity	1	
• Material	Steel Wire	
• Diameter	0,8 mm	
Outer shield		
• Material	Corrugated aluminum tube	
• Diameter	36 mm	
Jacket		
• Material	Black Polyethylene	
• Thickness	1,5 mm	
• Diameter	39 mm	

3 EUPEN HYBRID CABLE (PROVIDED BY EUPEN)
SCALE: N.T.S.



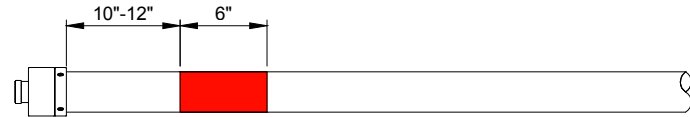
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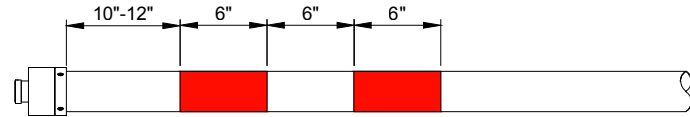
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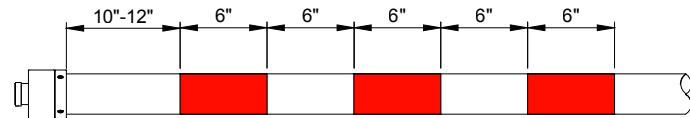
SHEET TITLE
CABLE DETAILS
SHEET NUMBER
ANT-6



FIRST HYBRID CABLE INSTALLED



SECOND HYBRID CABLE INSTALLED (IF APPLICABLE)

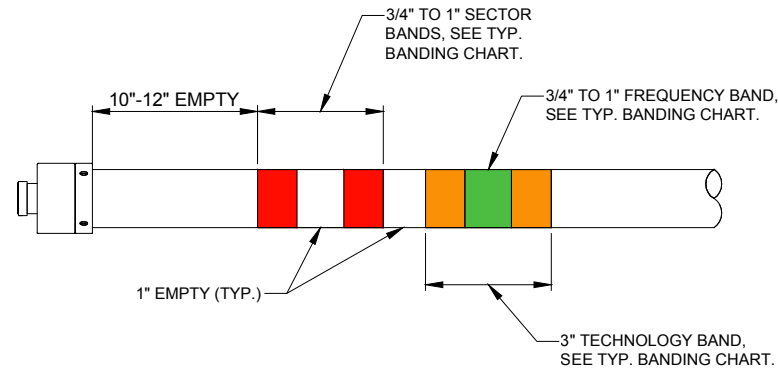


THIRD HYBRID CABLE INSTALLED (IF APPLICABLE)

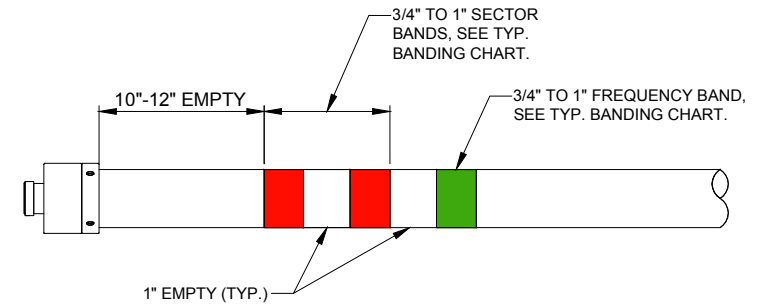
NOTES:
1. AT THE TOP OF THE TOWER/ANTENNA STRUCTURE AND AT THE ENTRY POINT OF THE GROUND LEVEL JUNCTION BOX, HYBRID CABLES MUST BE BANDED IN ACCORDANCE TO THE ILLUSTRATION ABOVE.

2. REFER TO LATEST EDITION OF U.S. CELLULAR STANDARDS.

1 TYPICAL HYBRID COLOR CODE
SCALE: N.T.S.



2 TYPICAL COAX JUMPER BANDING
SCALE: N.T.S.



3 TYPICAL POWER JUMPER BANDING
SCALE: N.T.S.



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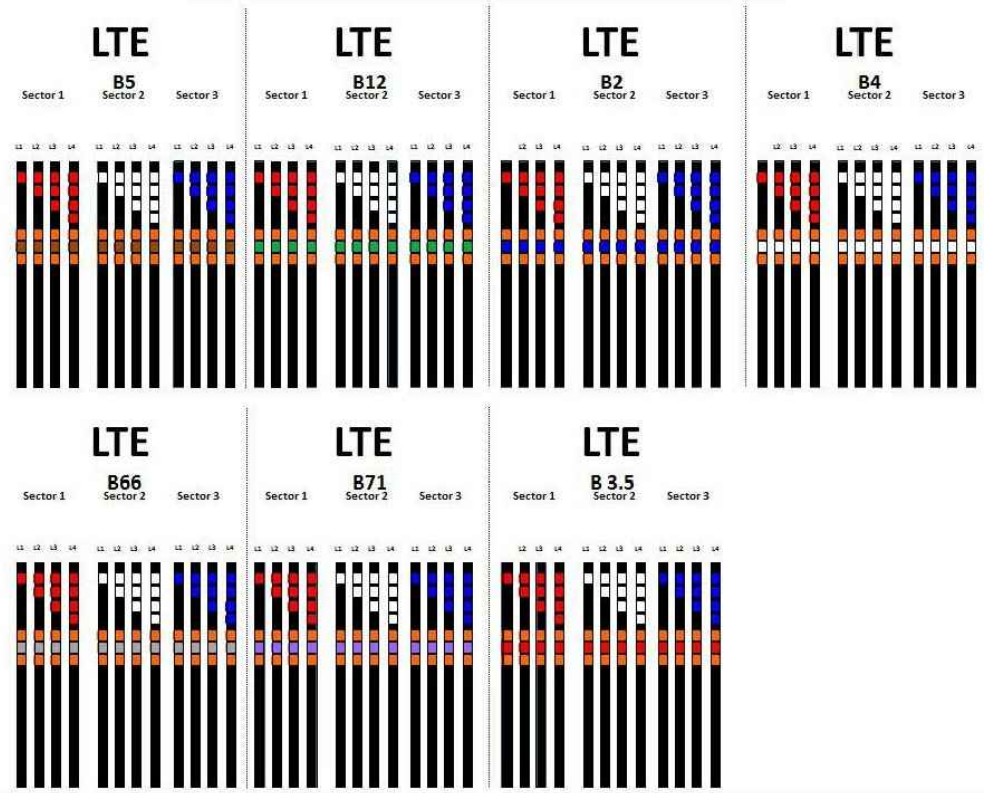
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SHEET TITLE
CABLE BANDING
DETAILS

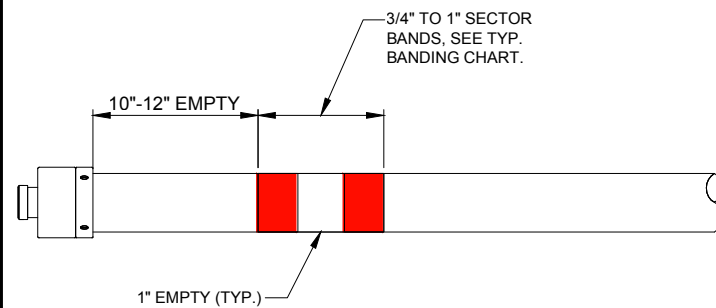
SHEET NUMBER

ANT-7

USC COAX Color Code Standard



4 COAX COLOR CODE STANDARD
SCALE: N.T.S.



RET SECTOR BAND		
SECTOR	LINE 1 1st TECHNOLOGY	LINE 2 1st TECHNOLOGY
ALPHA	(1) RED BAND	(2) RED BANDS
BETA	(1) WHITE BAND	(2) WHITE BANDS
GAMMA	(1) BLUE BAND	(2) BLUE BANDS

5 TYPICAL RET CABLE BANDING
SCALE: N.T.S.

SECTOR BAND				
SECTOR	LINE 1 1st TECHNOLOGY	LINE 2 1st TECHNOLOGY	LINE 1 2nd TECHNOLOGY (IF APPLICABLE)	LINE 2 2nd TECHNOLOGY (IF APPLICABLE)
ALPHA	(1) RED BAND	(2) RED BANDS	(1) RED BAND	(2) RED BANDS
BETA	(1) WHITE BAND	(2) WHITE BANDS	(1) WHITE BAND	(2) WHITE BANDS
GAMMA	(1) BLUE BAND	(2) BLUE BANDS	(1) BLUE BAND	(2) BLUE BANDS
DELTA (IF APPLICABLE)	(1) GREEN BAND	(2) GREEN BANDS	(1) GREEN BAND	(2) GREEN BANDS

TECHNOLOGY BAND	
TECHNOLOGY	BANDING
CDMA	YELLOW
GSM	VIOLET
LTE	ORANGE

FREQUENCY BAND	
TECHNOLOGY	BANDING
700	GREEN
800	BROWN
1900	BLUE
2100 (B4)	WHITE
2100 (B66)	GREY
600 (B71)	VIOLET
3.5 GHz	RED

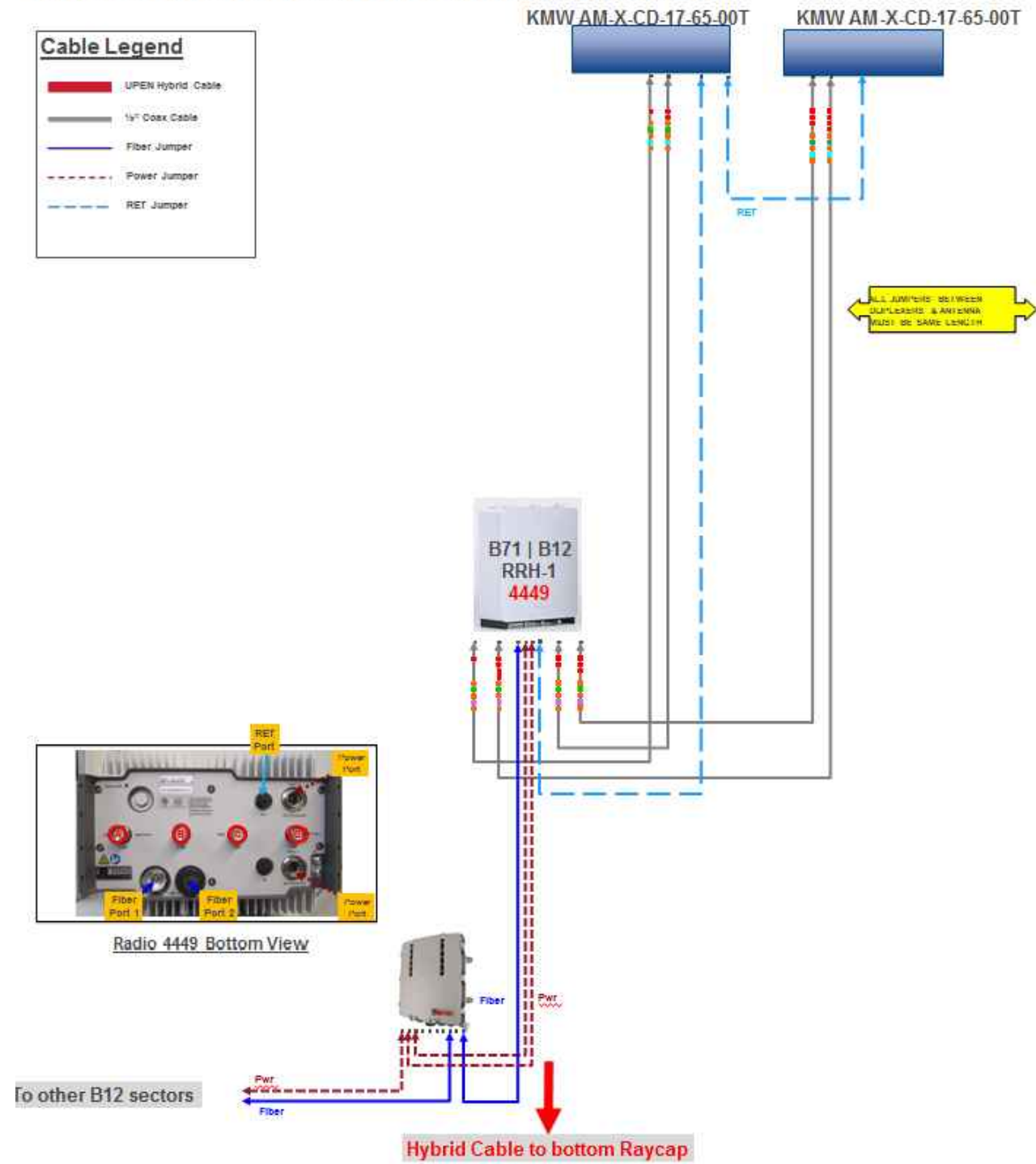
6 TYPICAL BANDING CHART
SCALE: N.T.S.

U.S. Cellular E// 4T4R B12

THIS IS A PER SECTOR CONFIGURATION

Cable Legend

- UPEM Hybrid Cable
- 1/2" Coax Cable
- Fiber Jumper
- Power Jumper
- RET Jumper



NOTES:

1. G.C. TO INSTALL WEATHERPROOF CAP AT BOTH UN-USED HIGH BAND PORTS ON ANTENNAS.
2. G.C. TO INSTALL TERMINATION LOADS AT UN-USED JUMPER PORTS ON DIPLEXERS WHEN SPECIFIED, ROSENBURGER #L-2-DM-01
3. EXCESS JUMPER AND RET CABLES TO BE SECURED AND ROUTED WITH GROMMETS WITH SNAP-INS.

1 PLUMBING DIAGRAM
SCALE: N.T.S.



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SHEET TITLE
PLUMBING
DIAGRAM

SHEET NUMBER
ANT-8

ELECTRICAL - GENERAL NOTES:

THE GENERAL NOTES AND ACCOMPANYING DRAWINGS ARE TO INDICATE THE PROVISIONS AND REQUIREMENTS N BY THE ELECTRICAL CONTRACTOR OF ALL LABOR, MATERIALS, AND EQUIPMENT REQUIRED TO INSTALL THE ELECTRICAL WORK COMPLETE IN CONNECTION WITH THIS ALLTEL (THE OWNER) SITE AND SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

1. THE INSTALLATION, PROVISIONS, AND CONNECTION OF A GROUND ROD (ELECTRODE) SYSTEM AS INDICATED IN THE DRAWINGS.
2. THE INSTALLATION AND PROVISION OF AN ELECTRICAL SERVICE (OVERHEAD OR UNDERGROUND) AND ALL CONDUIT AND WIRE ASSOCIATED WITH IT AS INDICATED AND/OR REQUIRED ON PLANS.
3. THE INSTALLATION, PROVISION OF CONDUIT AND CONNECTIONS FOR LOCAL FIBER SERVICE.
4. CONDUITS SHALL BE PVC SCHED. 40 UNLESS OTHERWISE NOTED.
5. ALL FISH LINE SHALL BE LEFT IN CONDUITS (PVC) FOR FUTURE USE.
6. THE CONTRACTOR SHALL FURNISH AND INSTALL ELECTRICAL SERVICE ENTRANCE CONDUCTORS, CONDUIT AND METER SOCKET AND MAKE THE NECESSARY CONNECTION TO THE SERVICE EQUIPMENT WITHIN THE CABINETS.

PRIOR TO THE SUBMISSION OF BIDS, THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL DETAILS AND SCHEDULES ON THE DRAWINGS AND SPECIFICATIONS PROVIDED BY THE OWNER, FOR MEANING OF ABBREVIATIONS AND ADDITIONAL REQUIREMENTS AND INFORMATION, CHECK STRUCTURAL AND OTHER MECHANICAL AND ELECTRICAL DRAWINGS FOR SCALE, SPACE LIMITATIONS, BEAMS, DOOR SWINGS, WINDOWS, COORDINATION, AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO THE OWNER BEFORE SUBMITTING BID.

UNLESS OTHERWISE NOTED, THE ELECTRICAL CONTRACTOR SHALL PROVIDE THE NECESSARY MOTOR STARTERS, DISCONNECTS, CONTROLS, ETC. FOR ALL EQUIPMENT FURNISHED BY OTHERS (FBO). ALL ASSOCIATED EQUIPMENT SHALL BE INSTALLED AND COMPLETELY WIRED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH MANUFACTURER'S WIRE DIAGRAMS AND AS REQUIRED FOR A COMPLETE OPERATING INSTALLATION. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE CHARACTERISTICS AND REQUIREMENTS OF (FBO) EQUIPMENT PRIOR TO ROUGH-IN OF CONDUIT AND WIRINGS TO AVOID CONFLICT.

CONTRACTOR RESPONSIBILITIES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND SECURING ALL REQUIRED PERMITS, LICENSES, INSPECTIONS, APPROVALS, AND PAYMENT OF ALL FEES.
2. THE INSTALLATION SHALL BE IN ACCORDANCE WITH ALL APPLICABLE: STATE, LOCAL, AND NATIONAL CODES AS WELL AS THE LATEST ISSUE OF THE VARIOUS APPLICABLE STANDARD SPECIFICATIONS OF THE FOLLOWING RECOGNIZED AUTHORITIES:

NEC	NATIONAL ELECTRIC CODE
ANSI	AMERICAN NATIONAL STANDARD INSTITUTE
IEEE	INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING MATERIALS
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
UL	UNDERWRITERS LABORATORY, INC.

3. PRIOR TO COMMENCING WORK, THE ELECTRICAL CONTRACTOR SHALL CONFORM TO THE LOCAL UTILITY COMPANY'S REGULATIONS AND SHALL GET THE APPROVAL FROM SAME, BEFORE SUBMITTING HIS BID, TO DETERMINE FROM EACH UTILITY ADDITIONAL COSTS THEY MAY REQUIRE, AND SHALL BE INCLUDED IN HIS BID FOR CONTRACT.

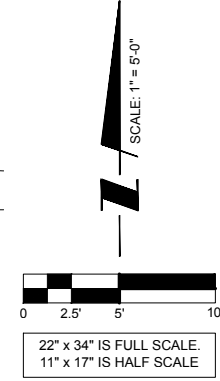
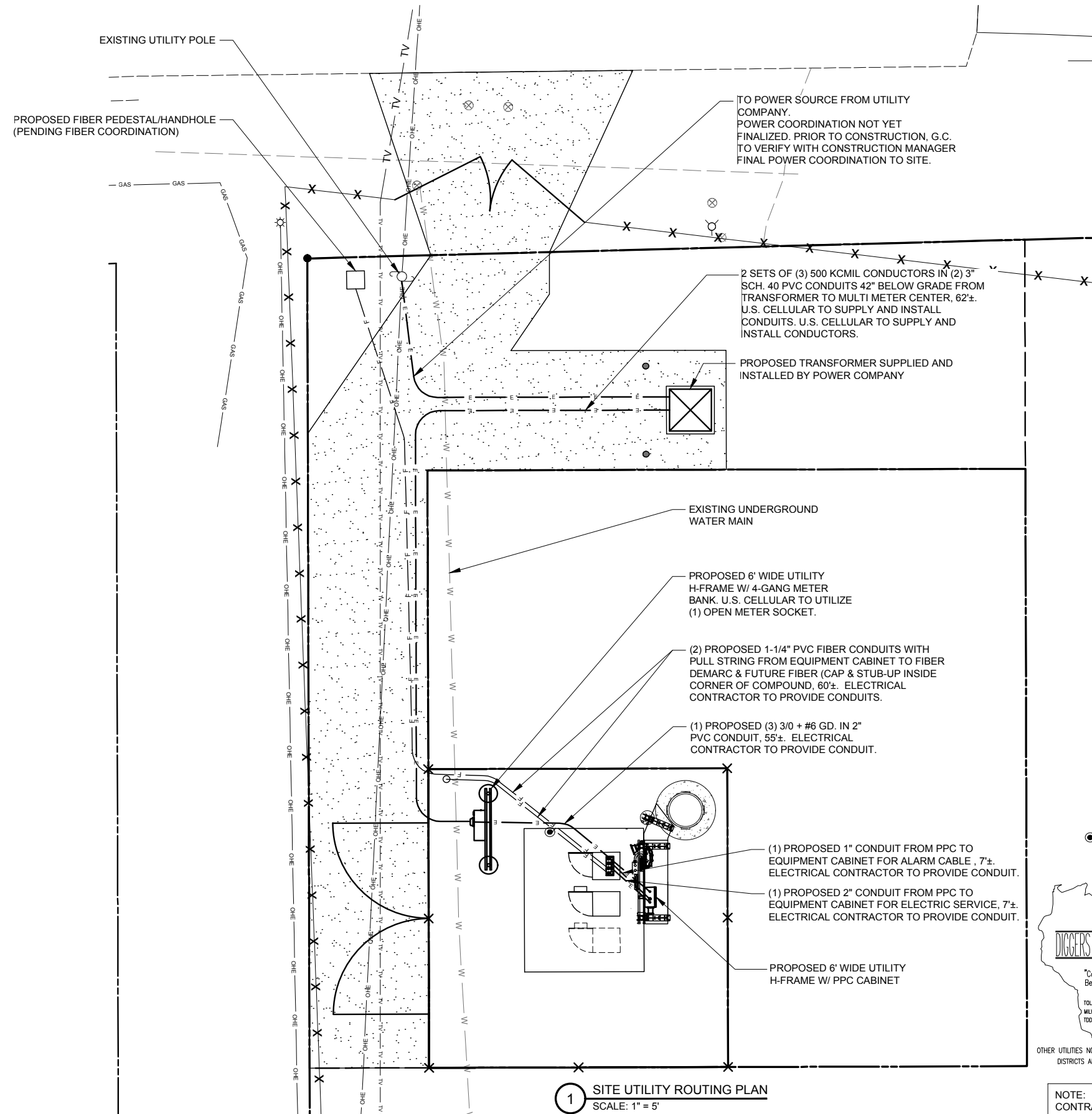
UTILITY CONTACTS:

POWER CO	FIBER CO
T.B.D.	T.B.D.
T.B.D.	T.B.D.

ELECTRICAL CONTRACTOR SHALL COORDINATE WITH POWER COMPANY FOR ENTRY INTO FENCED AREA BY EITHER MAILING A KEY TO A SLAVE LOCKED CHAIN AT THE FENCE GATE OR CALLING AND LEAVING A COMBINATION.

FOR CONTINUATION AND CONNECTION OF ELECTRIC AND TELEPHONE SERVICE. COORDINATE WITH ELECTRIC AND PHONE COMPANY

NOTE:
UTILITY COORDINATION IS NOT FINALIZED.
DO NOT PROCEED WITH CONSTRUCTION UNTIL
POWER/FIBER HAVE BEEN CONFIRMED.



1 SITE UTILITY ROUTING PLAN
SCALE: 1" = 5'



OTHER UTILITIES NOT INCLUDED IN DIGGERS HOTLINE AND LOCAL UTILITY DISTRICTS AND COMPANIES SHALL ALSO BE NOTIFIED

NOTE:
CONTRACTOR TO VERIFY ROUTES
WITH LOCAL UTILITY COMPANY PRIOR
TO INSTALLATION.



TERRA
CONSTRUCTION SERVICES, LTD.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-698-6400
FAX: 847-698-6401

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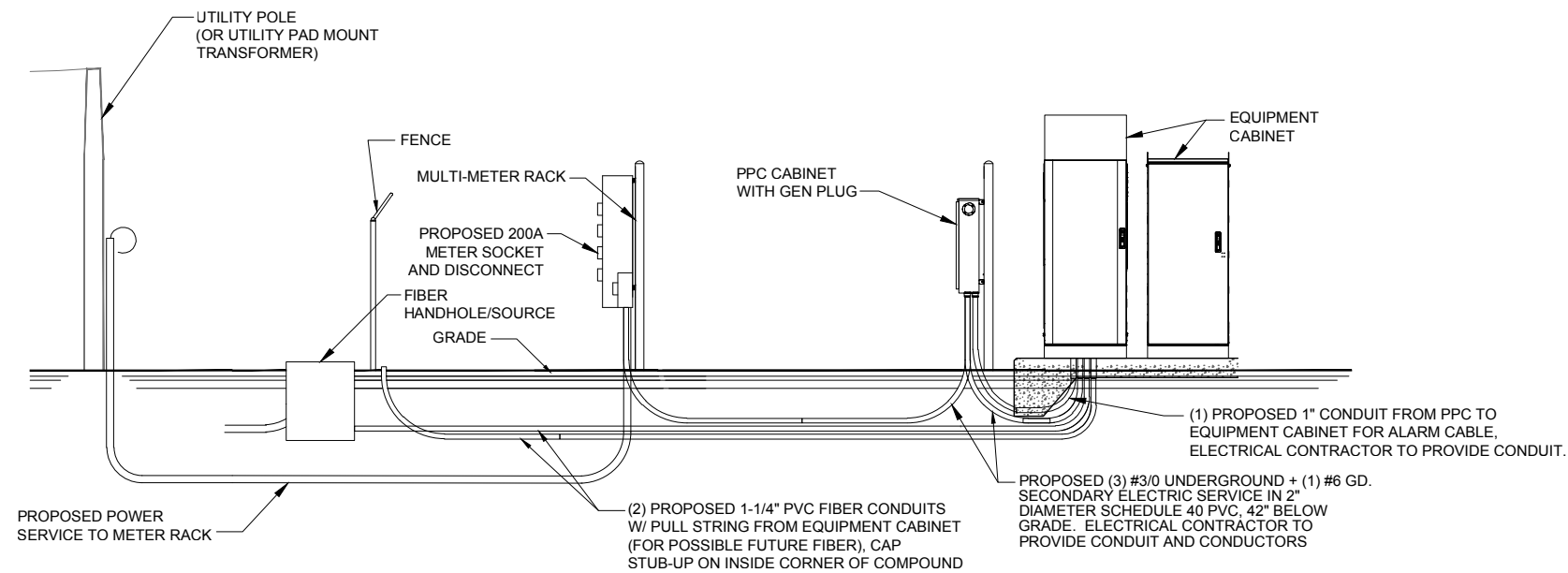
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SHEET TITLE
UTILITY ROUTING PLAN

SHEET NUMBER

E-1



CONTRACTOR SHALL BUILD INTO THE PRICE OF THE BID THE COST OF TWO (2) MOBILIZATIONS:
 1) POWER/FIBER PERMIT PULLED PRIOR TO BUILDING PERMIT AND PRELIMINARY WORK (SMART JACK ON A STICK, ETC) COMPLETED PRIOR TO GENERAL CONSTRUCTION
 2) RETURN TO COMPLETE GENERAL ELECTRICAL CONSTRUCTION

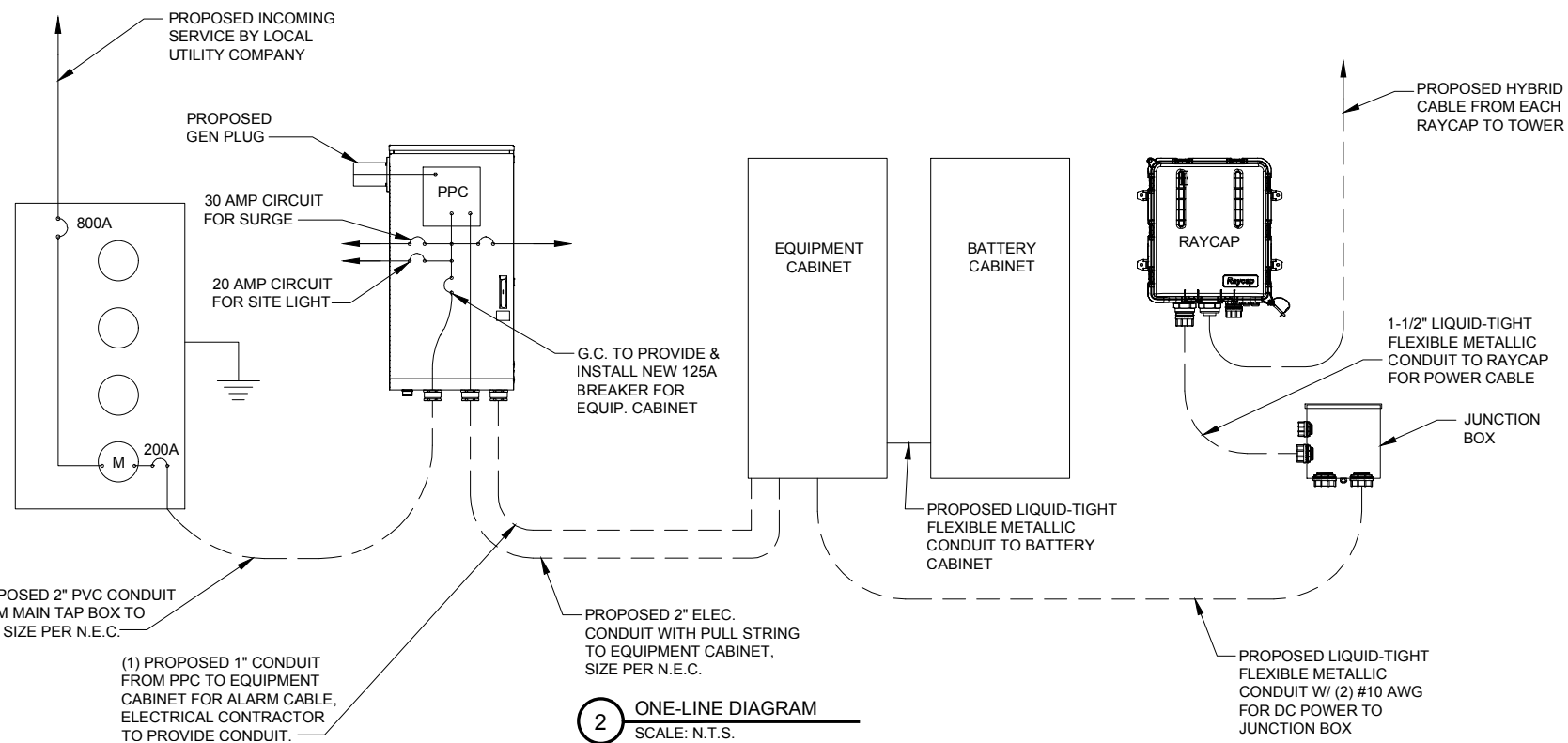
ELECTRICAL SERVICE: 200 AMP 120/240V SINGLE PHASE 3 WIRE
 NOTE: VERIFY FIBER ROUTING REQUIREMENTS WITH LOCAL FIBER COMPANY

1 ELECTRICAL RISER DIAGRAM
 SCALE: N.T.S.

NOTE:
 UTILITY COORDINATION IS NOT FINALIZED.
 DO NOT PROCEED WITH CONSTRUCTION UNTIL POWER/FIBER HAVE BEEN CONFIRMED.

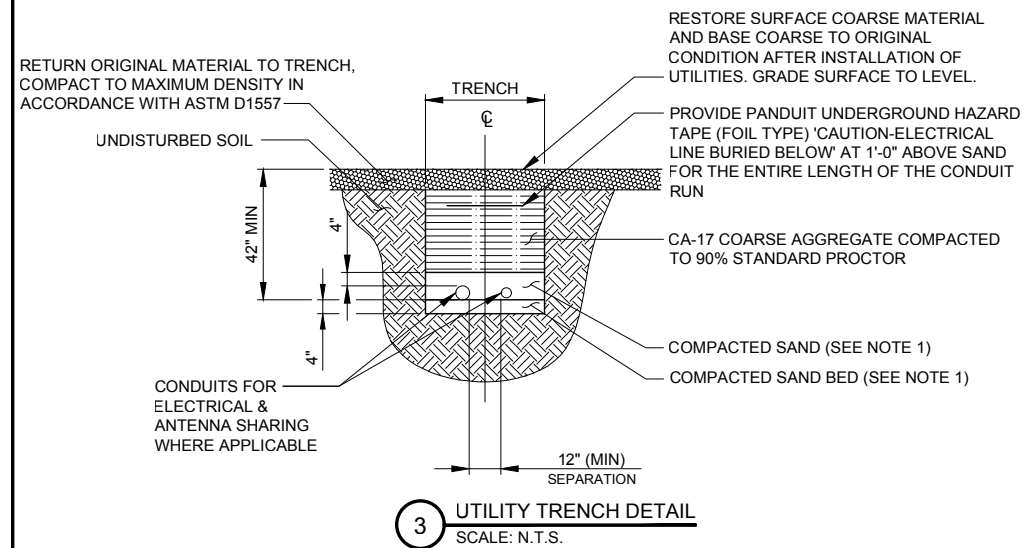


NO.	DESCRIPTION	BY	DATE	BE
		A	ISSUED FOR REVIEW	11/07/18



2 ONE-LINE DIAGRAM
 SCALE: N.T.S.

- NOTES:
- LEAN CONCRETE, RED-COLORED TOP, MAY BE USED IN PLACE OF COMPACTED SAND.
 - BURY CONDUITS 42" BELOW GRADE OR 6" BELOW FROST LINE, WHICHEVER IS GREATER
 - CONDUIT SIZE, TYPE, QUANTITY AND SEPARATION DIMENSION TO BE VERIFIED WITH LOCAL UTILITY COMPANY REQUIREMENTS



3 UTILITY TRENCH DETAIL
 SCALE: N.T.S.

808322
 ABBOTSFORD

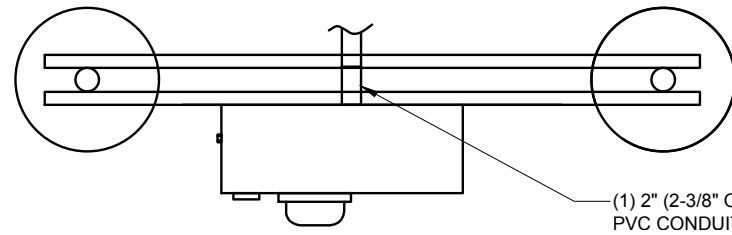
TBD
 ABBOTSFORD, WI 54405

DRAWN BY:	BE
CHECKED BY:	TP
DATE:	12/21/18
PROJECT #:	143-000

SHEET TITLE
 UTILITY DETAILS

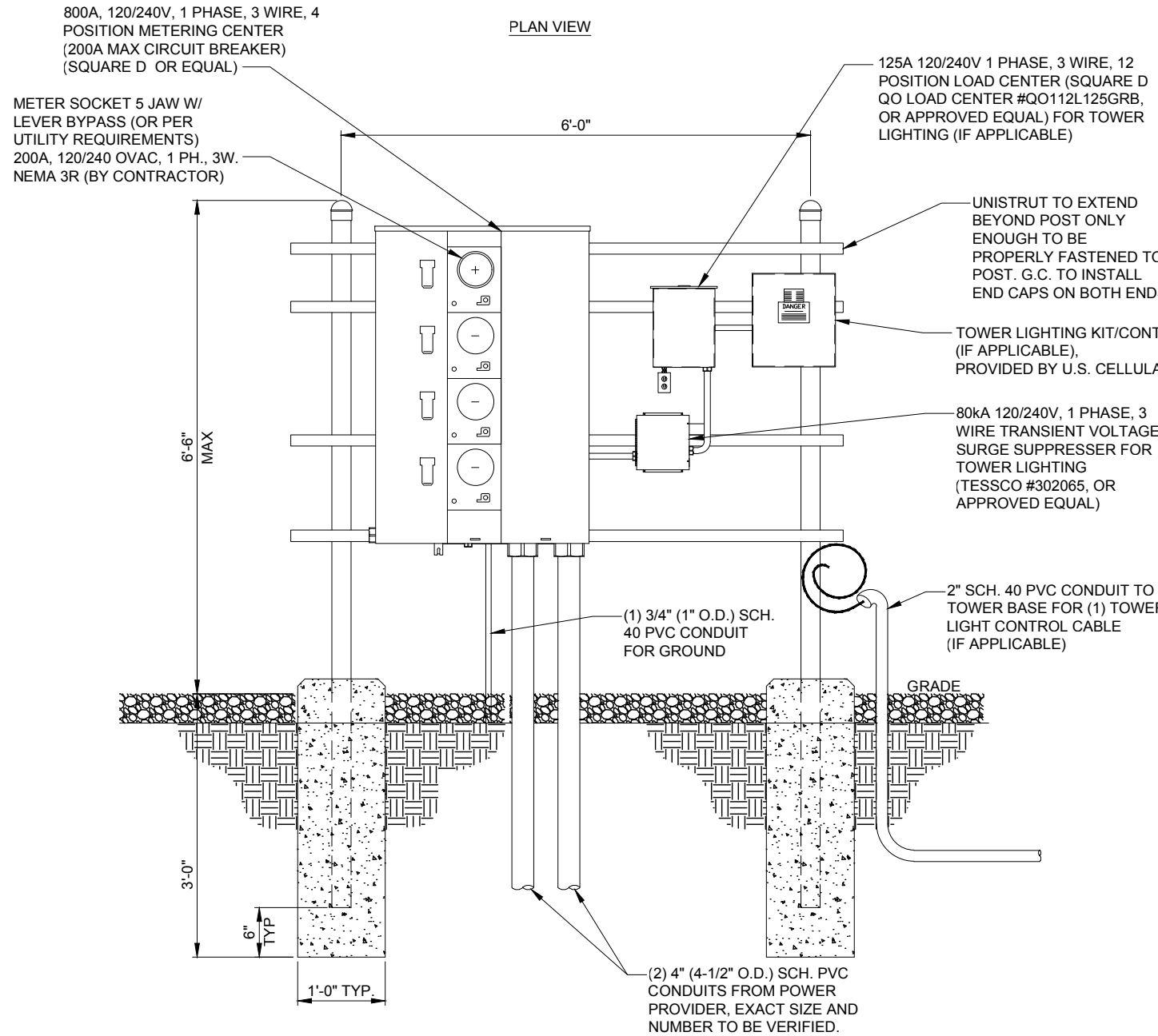
SHEET NUMBER

E-2

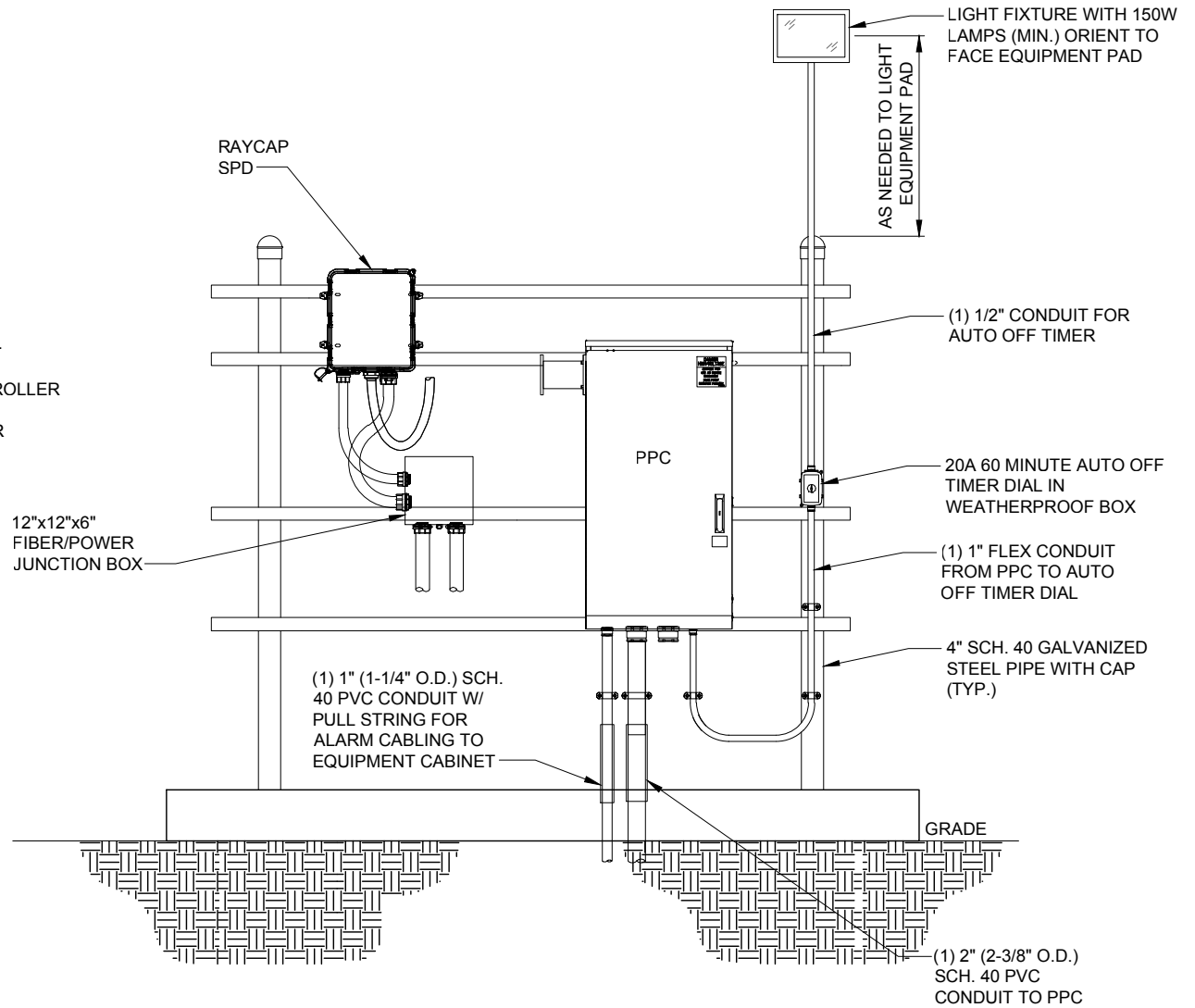


NOTE:
G.C. SHALL FURNISH, INSTALL & ENGRAVE PLASTIC LABELS WITH ARC FLASH INFORMATION BASED ON UTILITY TRANSFORMER SIZE. INFORMATION TO BE OBTAINED FROM LOCATION UTILITY COMPANY.

NOTES:
1. PER 2014 NEC CODE, SCHEDULE 80 PVC CONDUIT TO BE USED FOR ALL CONDUITS EXPOSED ABOVE GRADE.
2. G.C. TO PROVIDE A SLIP JOINT CONNECTION AT ALL ABOVE GRADE UTILITY CONNECTIONS AT H-FRAME.



UTILITY H-FRAME FRONT - ELECTRICAL SIDE



PPC AT H-FRAME AT EQUIPMENT PAD



TERRA
CONSTRUCTION SERVICES, LTD.
600 BUSSE HIGHWAY
PARK RIDGE, IL 60068
PH: 847-698-6400
FAX: 847-698-6401

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ABBOTSFORD

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ABBOTSFORD, WI 54405

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SHEET TITLE
UTILITY H-FRAME
DETAILS

SHEET NUMBER
E-3

GROUNDING ELECTRODE SYSTEM NOTES:

- ALL GROUNDING CONNECTIONS SHALL BE MADE BY THE EXOTHERMIC PROCESS CONNECTIONS SHALL INCLUDE ALL CABLE TO CABLE, SPLICES, ETC. ALL CABLE TO GROUND RODS, GROUND RODS SPLICES AND LIGHTNING PROTECTION SYSTEM AS INDICATED. GROUND FOUNDATION ONLY AS INDICATED BY PM. ALL MATERIALS USED (MOLDS, WELDING, METAL, TOOLS, ETC.) SHALL BE BY EXOTHERMIC PROCESS AND INSTALLED PER MANUFACTURERS RECOMMENDATIONS AND PROCEDURES. GROUND CONDUCTOR SHALL HAVE A MINIMUM 24" BENDING RADIUS.
- ALL EXOTHERMIC CONNECTIONS ON GALVANIZED SURFACES SHALL BE CLEANED THOROUGHLY AND COLORED TO MATCH SURFACE WITH (2) TWO COATS OF SHERWIN-WILLIAMS GALVITE (WHITE) PAINT B50W3 (OR EQUAL) OR SHERWIN-WILLIAMS SILVERBRITE (ALUMINUM) B59S11 (OR EQUAL).
- ALL ELECTRICAL & MECHANICAL GROUND CONNECTIONS SHALL HAVE ANTI-OXIDANT COMPOUND APPLIED TO CONNECTION
- FENCE/GATE: GROUND FENCE POSTS WITHIN 6 FEET OF PAD AND 25 FEET OF TOWER AS INDICATED ON DRAWINGS. GROUND EACH GATE POST AND CORNER POST. GROUND CONNECTIONS TO FENCE POSTS SHALL BE MADE BY THE EXOTHERMIC PROCESS AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES. ALL OTHER CONNECTIONS FOR THE GROUND GRID SYSTEM SHALL BE MADE BY THE EXOTHERMIC PROCESS, AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES.
- UTILITY COMPANY COORDINATION: ELECTRICAL CONTRACTOR SHALL CONFIRM THAT ALL WORK IS IN ACCORDANCE WITH THE RULES OF THE LOCAL UTILITY COMPANY BEFORE SUBMITTING THE BID. THE CONTRACTOR SHALL CHECK WITH THE UTILITY COMPANIES SUPPLYING SERVICE TO THIS PROJECT AND SHALL DETERMINE FROM THEM ALL EQUIPMENT AND CHARGES WHICH THEY WILL REQUIRE AND SHALL INCLUDE THE COST IN THE BID.
- GROUND TEST: GROUND TESTS SHALL BE PERFORMED AS REQUIRED BY LESSEE STANDARD PROCEDURES. GROUND GRID RESISTANCE SHALL NOT EXCEED 5 OHMS.
- CONTRACTOR SHALL SUBMIT THE GROUND RESISTANCE TEST REPORT AS FOLLOWS:
 - ONE (1) COPY TO OWNER REPRESENTATIVE
 - ONE (1) COPY TO ENGINEER

LEGEND

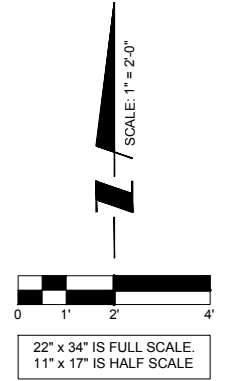
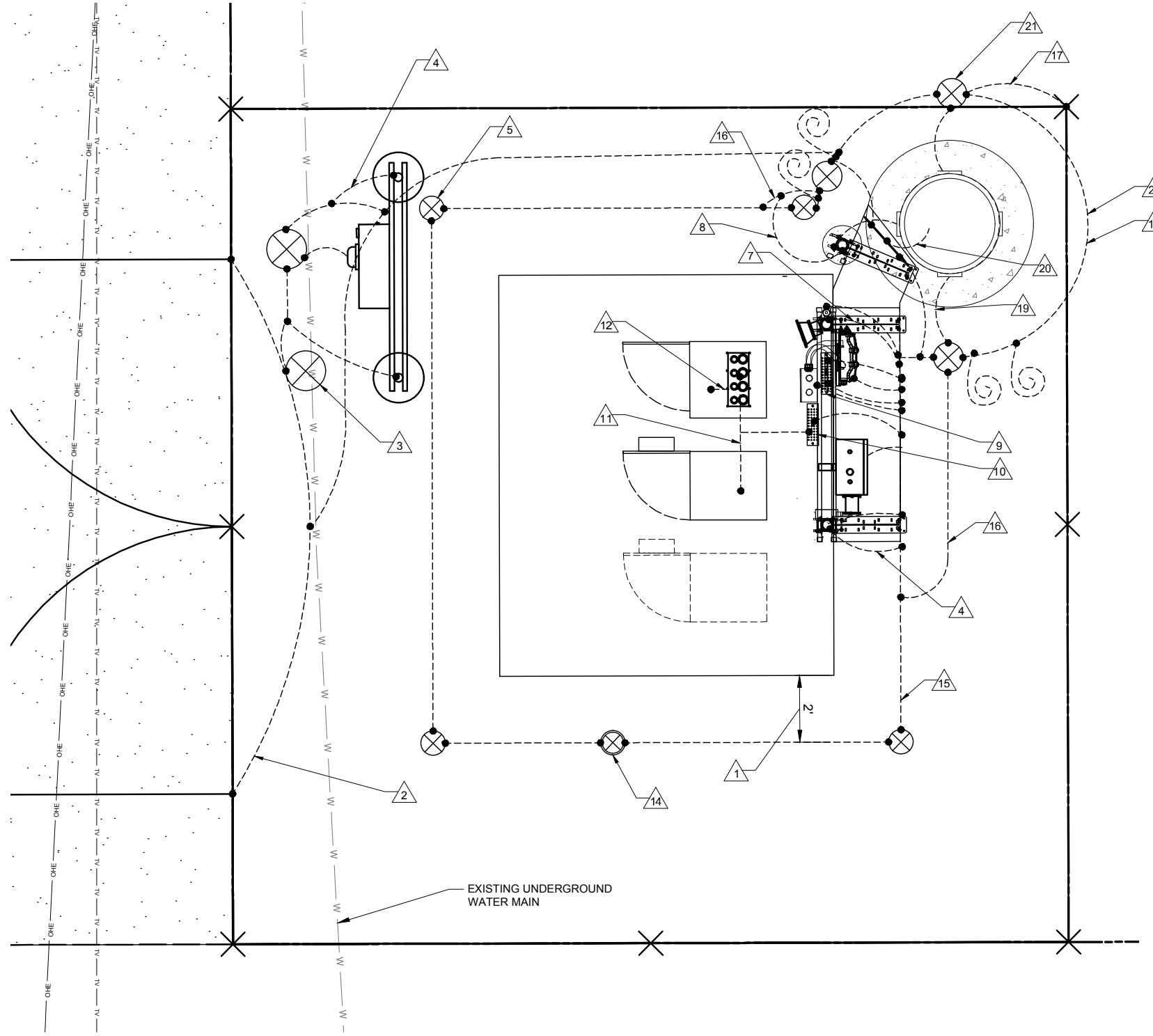
- #2 SOLID TINNED COPPER GROUND WIRE
- ⊗ 5/8" x 10' COPPER CLAD GROUND ROD SPACED AT 10' TO 20' O.C.
- ⊗ GROUND INSPECTION WELL
- CADWELD CONNECTION
- ✕ PROPOSED FENCE LINE

TYPICAL KEYED GROUNDING NOTES

- MAINTAIN 18"-24" SEPARATION BETWEEN GROUND RINGS AND FOUNDATIONS (TYP.)
- GATE GROUND LEAD GROUND LEADS TO GATE POST
- GROUND ELECTRIC METER TO (2) INDEPENDENT GROUND RODS, SPACED 10' O.C. WITH #2 SOLID TINNED COPPER
- GROUND UTILITY RACK CABINETS AND POSTS (TYP.), #2 SOLID TINNED COPPER
- GROUND ROD (TYP.)
- N/A
- GROUND GPS UNIT TO ICE CANOPY POST
- GROUND LEAD FROM ICE BRIDGE POST TO BURIED GROUND RING (TYP.)
- COLLECTOR GROUND BAR (CGB) MOUNTED TO UNISTRUT RACK ON INSULATORS; (2) CGB GROUNDS FROM CGB TO EQUIPMENT GROUND RING; SEE E-501 FOR JUNCTION BOX AND RAYCAP SPD GROUNDING DETAILS
- MASTER GROUND BAR (MGB) MOUNTED HORIZONTALLY TO CONCRETE PAD ON INSULATORS; (2) GROUNDS FROM MGB TO EQUIPMENT GROUND RING
- (1) GROUND LEAD FROM BATTERY CABINET STEEL TO MASTER GROUND BAR, #2 INSULATED COPPER; ROUTE IN LIQUID TIGHT FLEXIBLE NON-METALLIC CONDUIT BETWEEN BATTERY CABINET AND LTE CABINET AND OUT NEW PENETRATION THROUGH SIDE OF LTE CABINET PLINTH
- (1) GROUND LEAD FROM GROUND BAR INSIDE LTE CABINET TO MASTER GROUND BAR (TYP.), #2 INSULATED COPPER; ROUTE THROUGH NEW PENETRATION AND LIQUID-TIGHT CONDUIT FITTING THROUGH SIDE OF MOUNTING PLINTH
- N/A
- EQUIPMENT GROUND RING INSPECTION WELL
- EQUIPMENT GROUND RING, #2 SOLID TINNED COPPER
- GROUND LEAD FROM EQUIPMENT GROUND RING TO TOWER GROUND RING (TYP. OF 2), #2 SOLID TINNED COPPER
- GROUND LEAD FROM TOWER GROUND RING TO CORNER FENCE POST (TYP.)
- TOWER FOUNDATION GROUND, #2 SOLID TINNED COPPER
- GROUND LEAD FROM TOWER STEEL TO TOWER GROUND RING (TYP. OF 3)
- TOWER GROUND BAR (TGB) WITH (2) GROUNDS FROM TGB TO TOWER GROUND RING AND (1) BOND FROM TGB TO TOWER STEEL
- TOWER GROUND RING INSPECTION WELL
- TOWER GROUND RING, #2 SOLID TINNED COPPER



OTHER UTILITIES NOT INCLUDED IN DIGGERS HOTLINE AND LOCAL UTILITY DISTRICTS AND COMPANIES SHALL ALSO BE NOTIFIED



1 GROUNDING SITE PLAN
SCALE: 1" = 2'



TERRA
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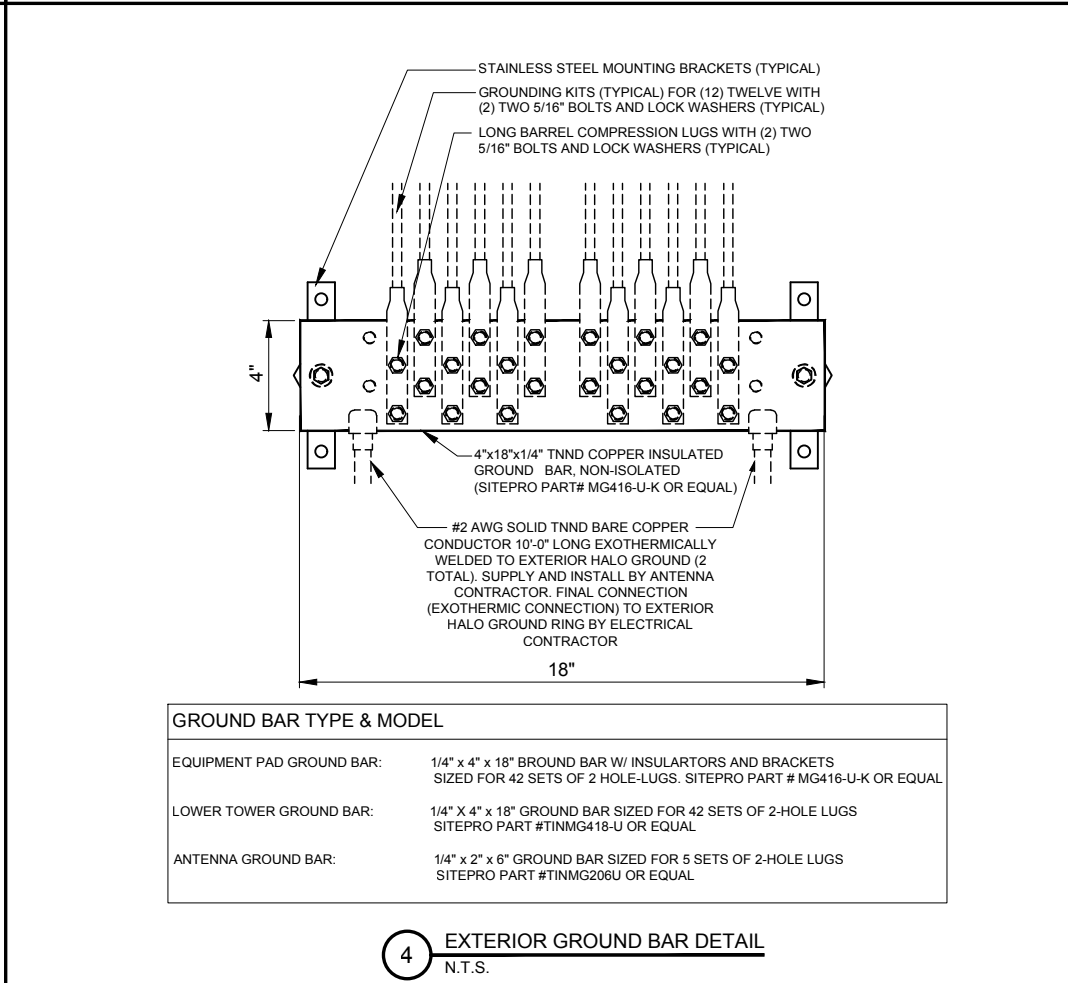
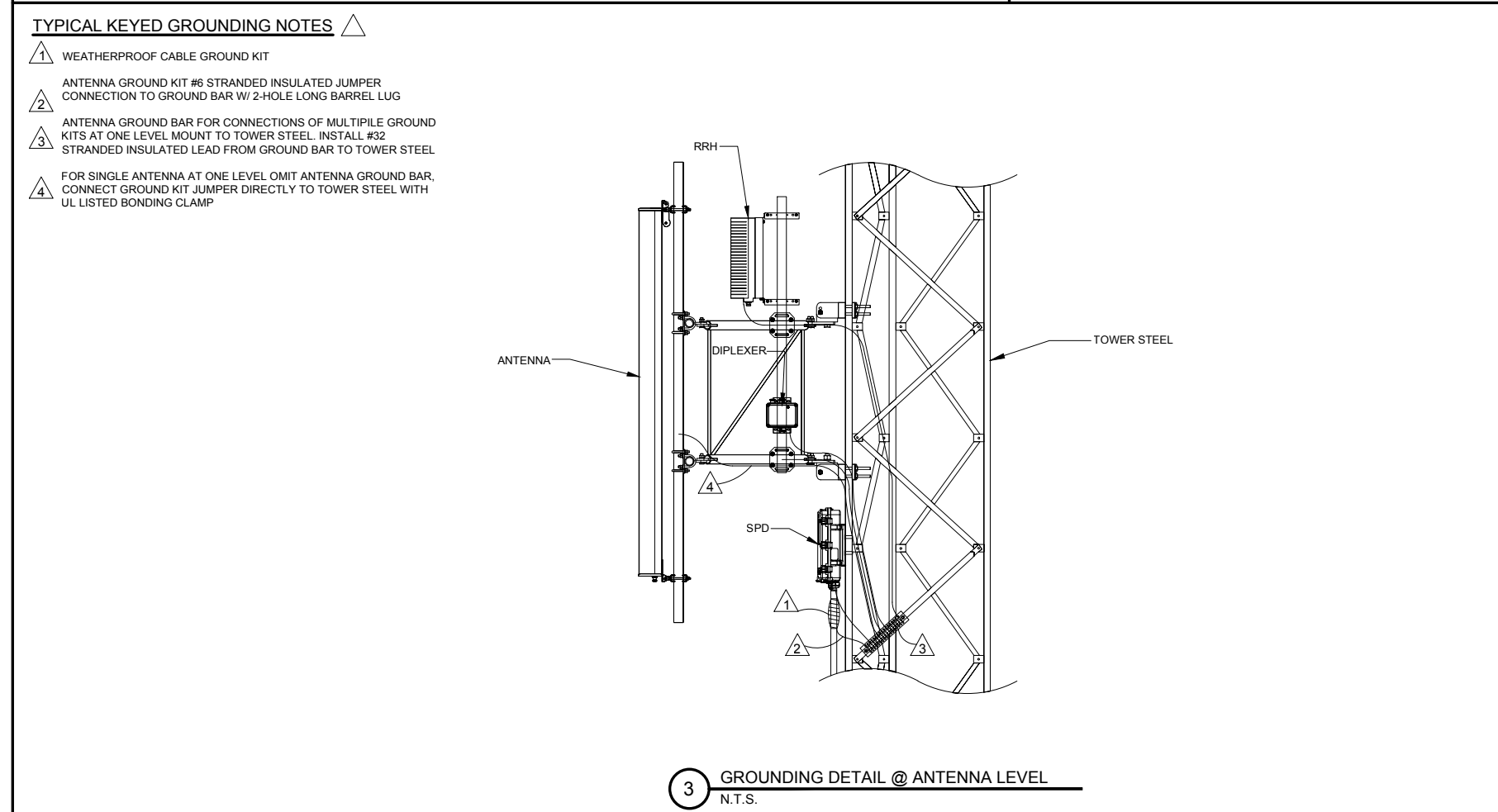
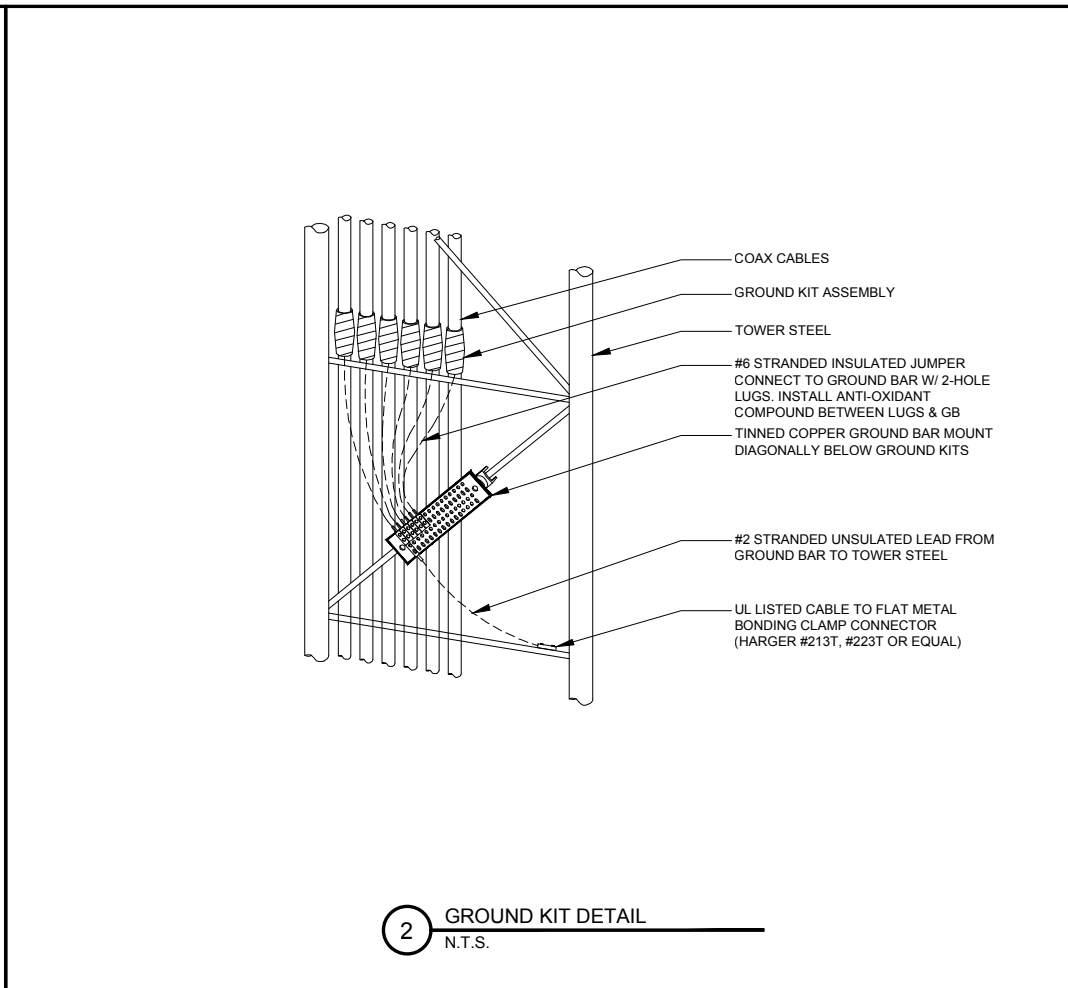
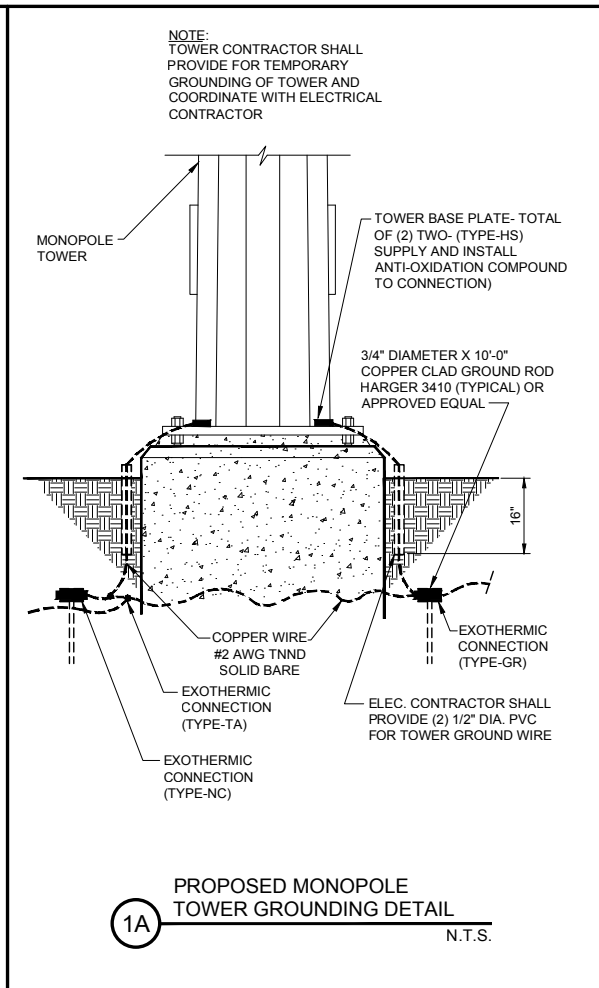
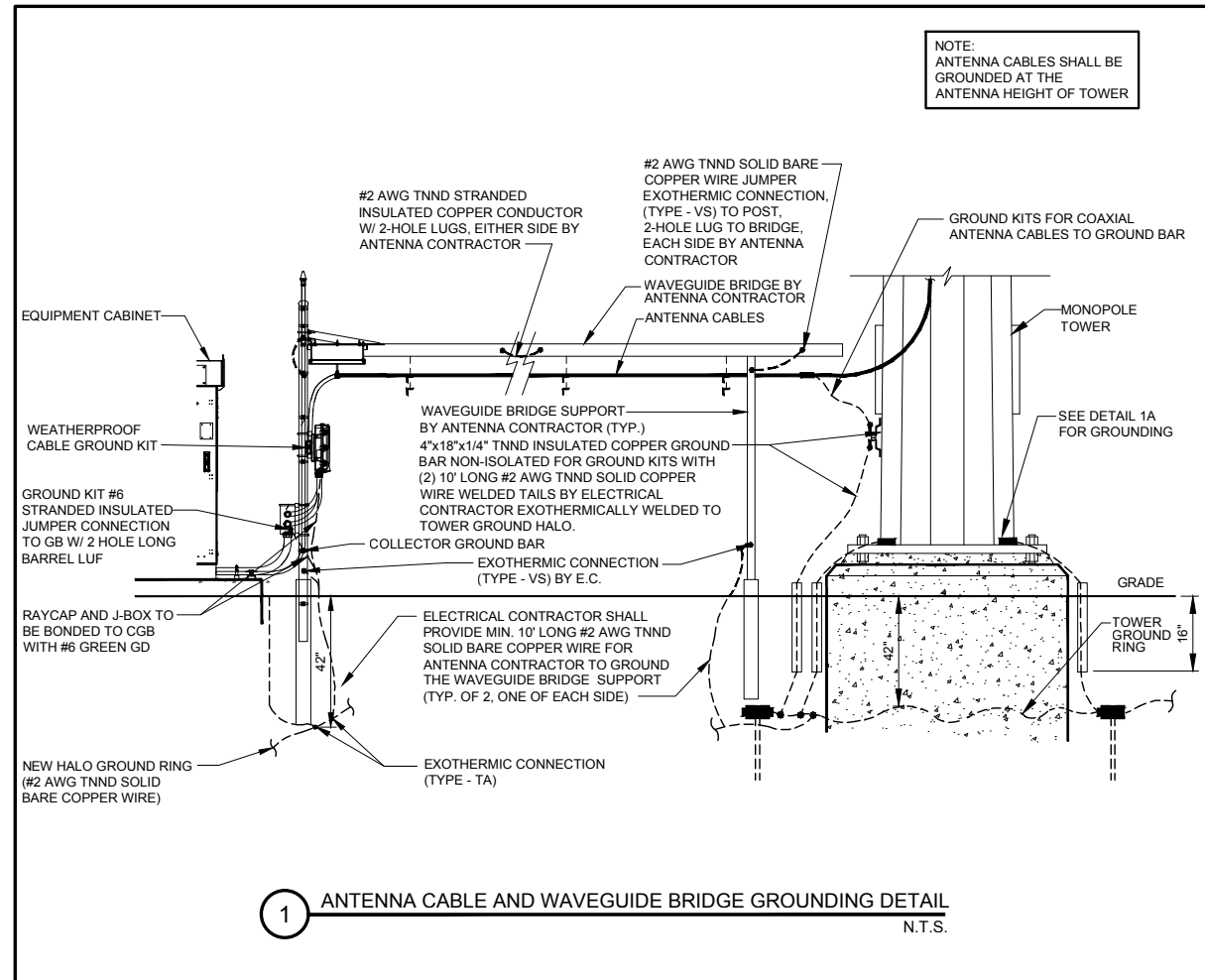
808322
ABBOTSFORD

TBD
ABBOTSFORD, WI 54405

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SHEET TITLE
GROUNDING SITE PLAN

SHEET NUMBER
G-1



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ABBOTSFORD

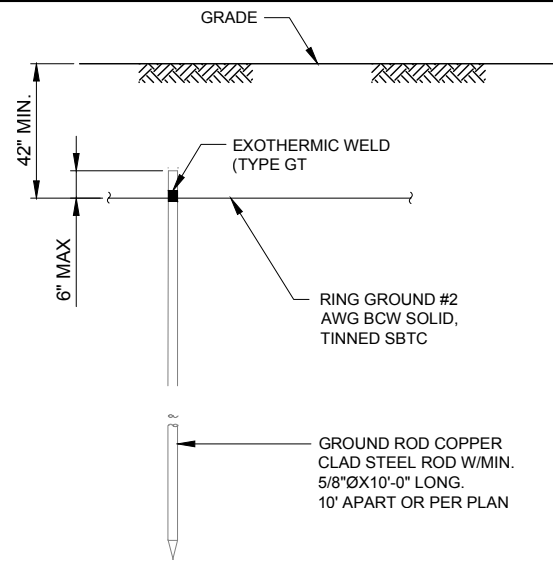
TBD
ABBOTSFORD, WI 54405

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SHEET TITLE
GROUNDING DETAILS

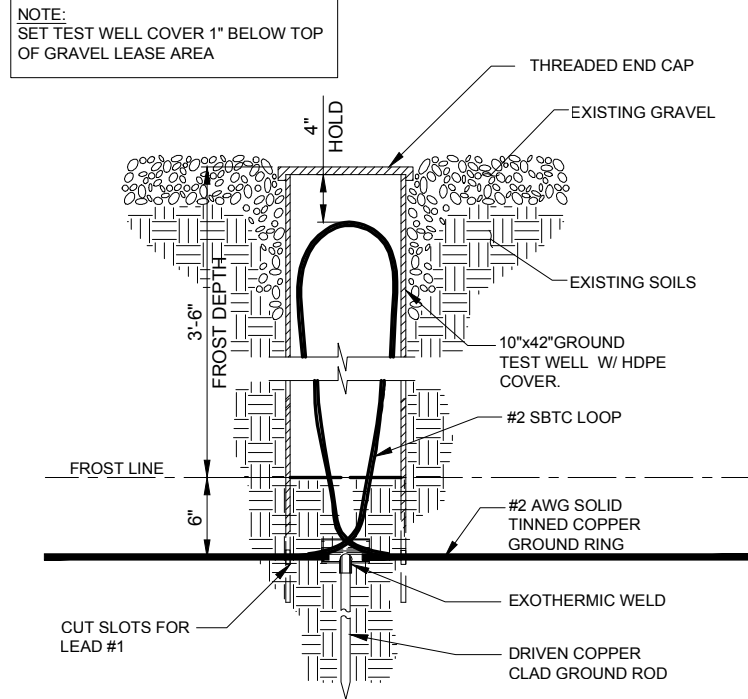
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G-2



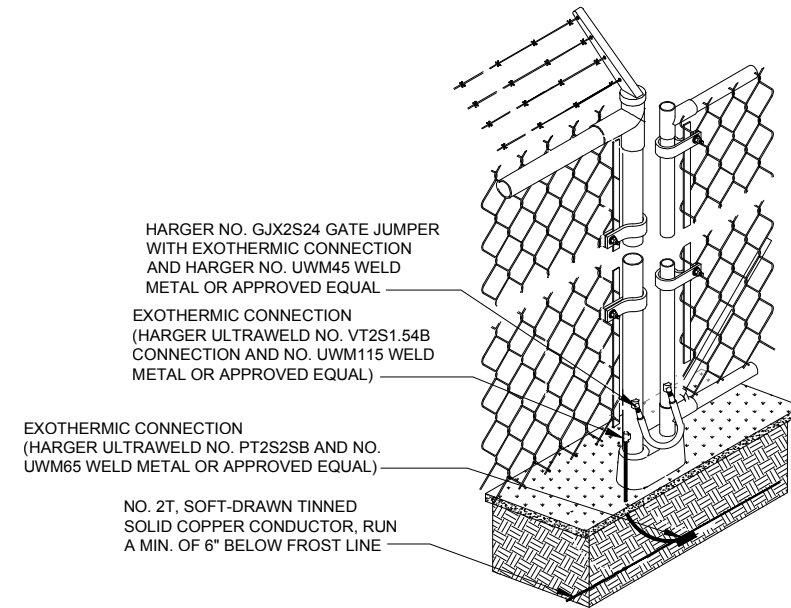
NOTE:
GROUND ROD SHALL BE DRIVEN VERTICALLY, NOT TO EXCEED 45 DEGREES FROM THE VERTICAL.

1 GROUND ROD DETAIL
SCALE: N.T.S.



NOTE:
SET TEST WELL COVER 1\"/>

2 TEST WELL DETAIL
SCALE: N.T.S.



3 FENCE GROUNDING DETAIL
N.T.S.



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A	ISSUED FOR REVIEW	11/07/18	BE

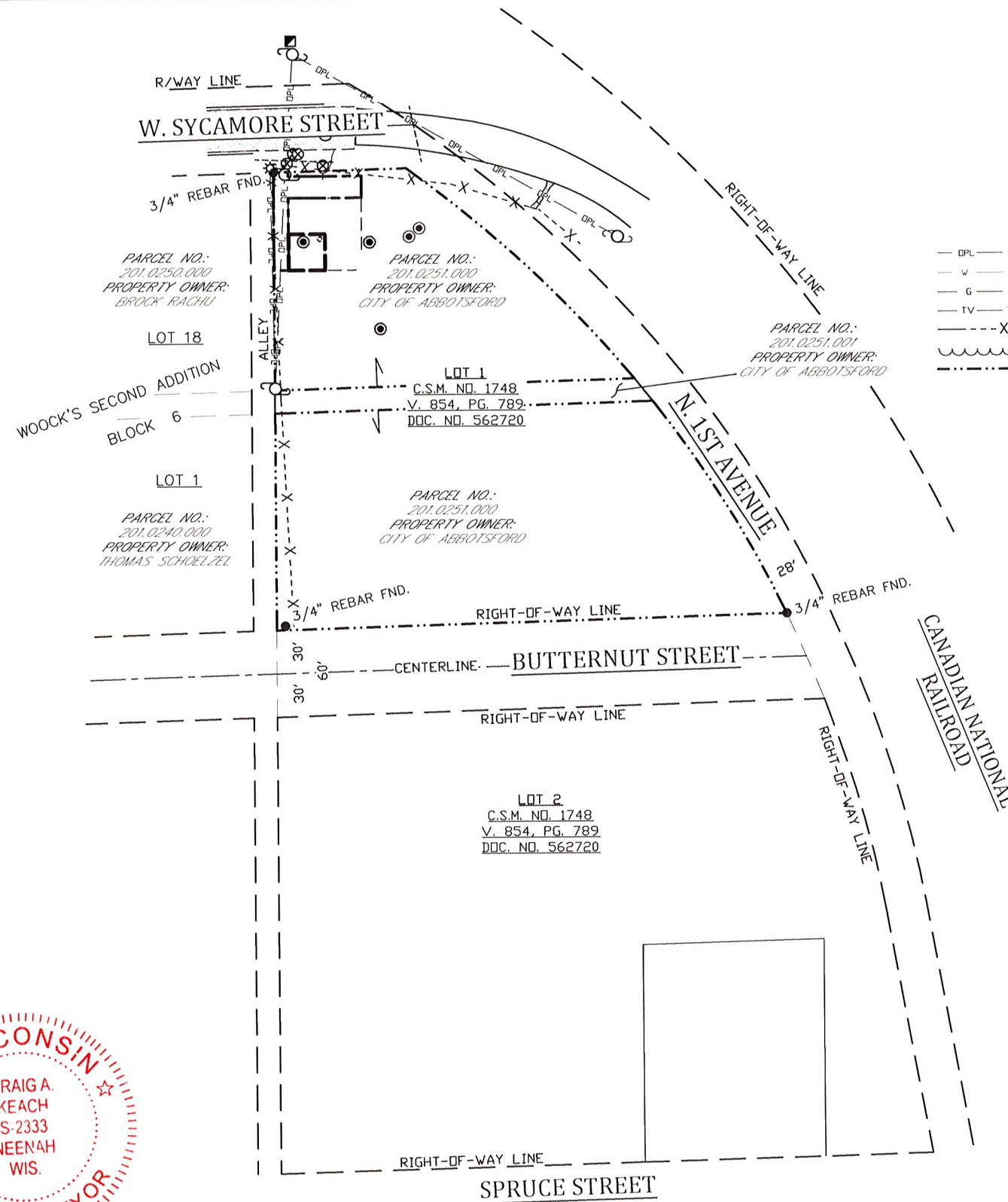
808322
ABBOTSFORD

TBD
ABBOTSFORD, WI 54405

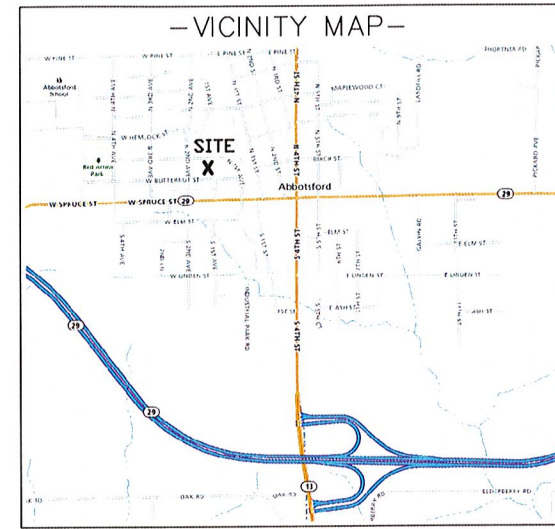
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DATE:	12/21/18
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SHEET TITLE
GROUNDING DETAILS

SHEET NUMBER
G-3



- LEGEND—**
- = 1" X 18" IRON PIPE SET
 - = 6" NAIL SET
 - ⊙ = COUNTY MONUMENT FOUND
 - ⊢ = WOOD LATH
 - ⊙ = METAL POST
 - ⊙ = WATER VALVE
 - ⊙ = FIRE HYDRANT
 - ⊙ = LIGHT POLE
 - ⊙ = EXISTING POWER POLE
 - ⊙ = TELEPHONE PEDESTAL
 - DPL — = OVERHEAD ELECTRIC
 - W — = WATER MAIN
 - G — = BURIED GAS LINE
 - TV — = BURIED CABLE TELEVISION
 - - - X - - - = CHAINLINK FENCE LINE
 - ~~~~~ = EDGE OF BRUSH/WOODS
 - - - - - = PROPERTY LINE



PROPOSED TOWER BASE

LATITUDE: 44°-56'-51.24"
 LONGITUDE: 90°-19'-19.56"
 (Per North American Datum of 83/2011)

Ground Elevation: 1421.4'
 (Per North American Vertical Datum of 1988)



BEARINGS REFERENCED TO THE CLARK COUNTY COORDINATE SYSTEM AND THE SOUTH LINE OF THE SE1/4, SECTION 36, T.29N., R.1E., WHICH BEARS: N88°-28'-56"E

SURVEY NOTES:

- THE LOCATION OF THE EXISTING UTILITIES, AS SHOWN ON THIS PLAN, ARE APPROXIMATE ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ACTUAL LOCATION AND DEPTH OF ALL EXISTING UTILITIES. THE OWNER AND THE SURVEYOR SHALL NOT BE RESPONSIBLE FOR ANY OMISSION OR VARIATION FROM THE LOCATION SHOWN.
- DIGGERS HOTLINE TICKET NO. 20183907189.
- THIS SURVEY WAS MADE WITH THE AID OF A TITLE REPORT PREPARED BY SOLIDIFI TITLE & CLOSING, LLC AS COMMITMENT NO. USC-1118333-PR WITH AN EFFECTIVE DATE OF JULY 13, 2018. ALL ENCUMBRANCES, IF ANY, ARE PLOTTED AND SHOWN.
- THIS IS NOT A BOUNDARY SURVEY OF THE PARENT PARCEL. THIS SURVEY REPRESENTS THE LEASE AREA AND EASEMENTS ONLY.
- FEMA NOTE:
 -ACCORDING TO FEDERAL EMERGENCY AGENCY MAPS, THE PROPOSED TELECOMMUNICATIONS SITE IS LOCATED IN ZONE "X", COMMUNITY PANEL NO. 55019C0300D, DATED JULY 6 2010, AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. ZONE "X" IS DESIGNATED AS: "AREAS DETERMINED TO BE OUTSIDE OF 500-YEAR FLOOD PLAIN".

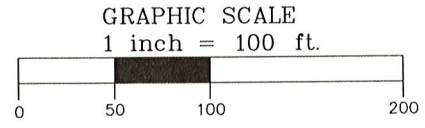
WETLAND NOTE:
 -THE PRESENCE AND LOCATION OF WETLANDS HAS NOT BEEN DETERMINED ON THIS PROPERTY. WETLANDS SHOULD ONLY BE DETERMINED BY ACTUAL FIELD DELINEATION PERFORMED BY A QUALIFIED WETLAND SPECIALIST.



SURVEYOR'S CERTIFICATE
 I, Craig A. Keach, Professional Land Surveyor of Meridian Surveying, LLC., certify that I have surveyed the described property and that the map shown is a true and accurate representation thereof to the best of my knowledge and belief.

Dated this 2nd day of NOVEMBER, 2018.

Craig A. Keach
 WISCONSIN PROFESSIONAL LAND SURVEYOR
 Craig A. Keach, S-2333



SURVEYED FOR:

600 Busse Highway
 Park Ridge, IL 60068
 OFFICE: (847) 698-6400
 FAX: (678) 444-4472

SURVEYED FOR:

8410 BRYN MAWR AVENUE
 CHICAGO, IL 60631

MERIDIAN
 SURVEYING, LLC

N9637 Friendship Drive Office: 920-993-0881
 Kaukauna, WI 54130 Fax: 920-273-6037

SITE NAME: ABBOTSFORD
SITE NUMBER: 808322
SITE ADDRESS: W. BUTTERNUT STREET ABBOTSFORD, WI 54405

PROPERTY OWNER:
 CITY OF ABBOTSFORD
 203 N. FIRST STREET
 ABBOTSFORD, WI 54405

PARCEL NO.: 201.0251.000

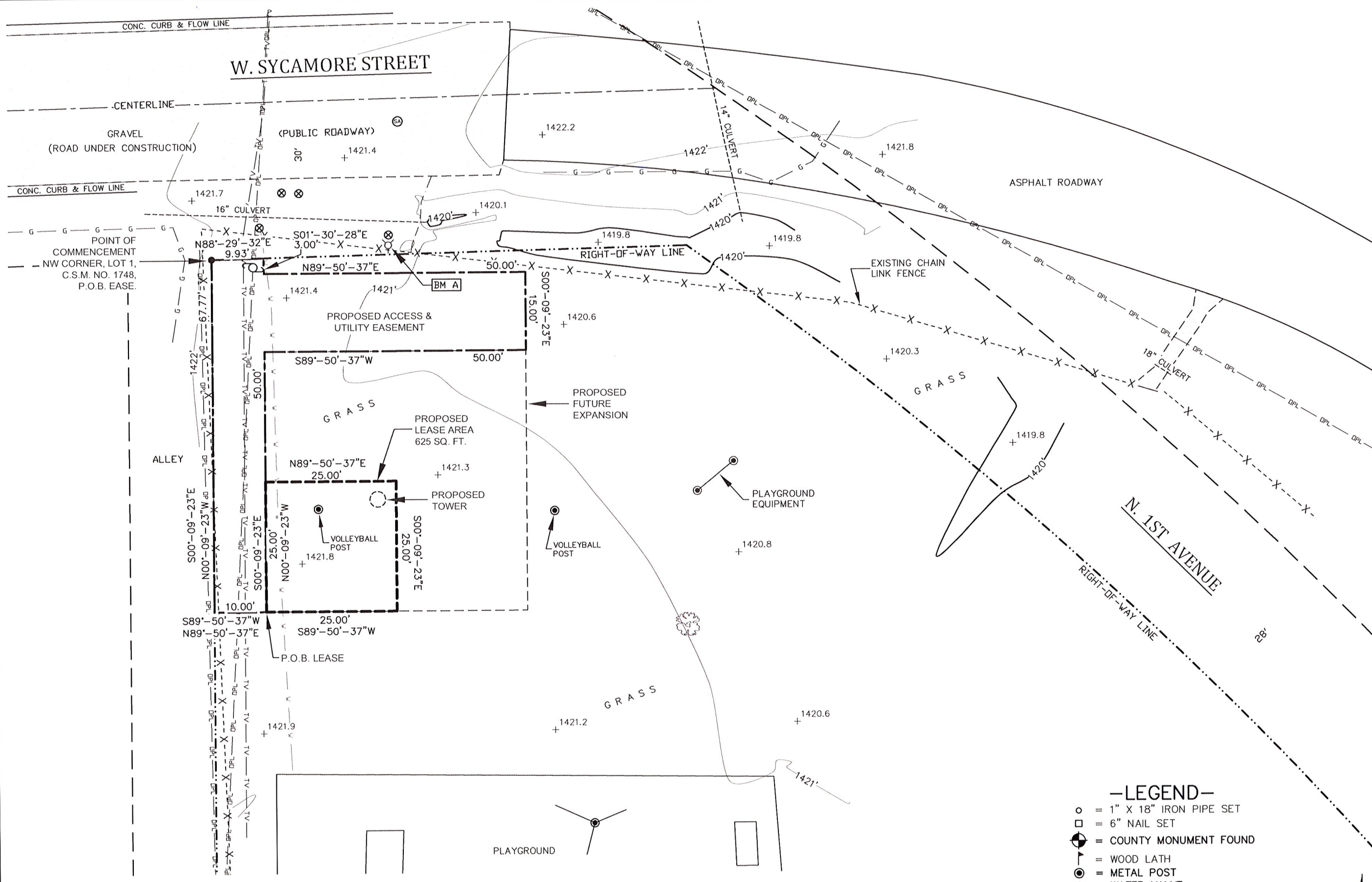
DEED REFERENCE:
 BOOK 137, PG. 295, DOCUMENT NO. 190185,
 BOOK 134, PG. 210, DOCUMENT NO. 190186,
 BOOK 133, PG. 373, DOCUMENT NO. 184234,
 BOOK 135, PG. 41, DOCUMENT NO. 186125

LEASE EXHIBIT
 FOR
 US CELLULAR

BEING A PART OF THE SW1/4 OF THE SE1/4, SECTION 36, T.29N., R.1E., CITY OF ABBOTSFORD, CLARK COUNTY, WISCONSIN

NO.	DATE	DESCRIPTION	BY
2	10-8-18	Added Lease and Easement	JD
1	10-1-18	Preliminary Survey	JD

DRAWN BY: J.D.	FIELD WORK DATE: 9-28-18
CHECKED BY: C.A.K.	FIELD BOOK: M-49, PG. 32
JOB NO.: 10535	SHEET 1 OF 3



SURVEYED FOR:

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Park Ridge, IL 60068
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CITY OF ABBOTSFORD
203 N. FIRST STREET
ABBOTSFORD, WI 54405

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LEASE EXHIBIT
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OF ABBOTSFORD, CLARK COUNTY,
WISCONSIN

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CHECKED BY: C.A.K. FIELD BOOK: M-49, PG. 32

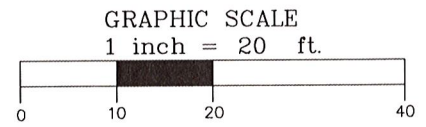
JOB NO.: 10535 SHEET 2 OF 3

SURVEYOR'S CERTIFICATE

I, Craig A. Keach, Professional Land Surveyor of Meridian Surveying, LLC., certify that I have surveyed the described property and that the map shown is a true and accurate representation thereof to the best of my knowledge and belief.

Dated this 2nd day of NOVEMBER 2018.

Craig A. Keach
WISCONSIN PROFESSIONAL LAND SURVEYOR
Craig A. Keach, S-2333



BENCHMARK INFORMATION
SITE BENCHMARK: (BM A)
TOP OF TAG BOLT ON HYDRANT
ALONG W. SYCAMORE STREET
ELEVATION: 1424.29'

- LEGEND-**
- = 1" X 18" IRON PIPE SET
 - = 6" NAIL SET
 - ⊕ = COUNTY MONUMENT FOUND
 - ⊙ = WOOD LATH
 - ⊙ = METAL POST
 - ⊙ = WATER VALVE
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 - ⊙ = LIGHT POLE
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 - X — X — = CHAINLINK FENCE LINE
 - ~~~~~ = EDGE OF BRUSH/WOODS
 - - - - - = PROPERTY LINE

BEARINGS REFERENCED TO THE
CLARK COUNTY COORDINATE SYSTEM
AND THE SOUTH LINE OF THE
SE1/4, SECTION 36, T.29N., R.1E.,
WHICH BEARS: N88°-28'-56"E

LEASE PARCEL

A part of Lot One (1) of Certified Survey Map No 1748, Volume 854, Page 789, Document No 562720 of Clark County Records and being located in the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section Thirty-Six (36); Township Twenty-Nine (29) North, Range One (1) East, City of Abbotsford, Clark County, Wisconsin containing 625 square feet (0.014 acres) of land and being described by:

Commencing at the Northwest Corner of said lot 1; thence S00°-09'-23"E 67.77 feet along the West line of said Lot 1 (also being the East line of a public alley; thence N89°-50'-37"E 10.00 feet to the point of beginning; thence N00°-09'-23"W 25.00 feet; thence N89°-50'-37"E 25.00 feet; thence S00°-09'-23"E 25.00 feet; thence S89°-50'-37"W 25.00 feet to the point of beginning, being subject to any and all easements and restrictions of record.


ACCESS & UTILITY EASEMENT

A part of Lot One (1) of Certified Survey Map No 1748, Volume 854, Page 789, Document No 562720 of Clark County Records and being located in the Southwest Quarter (SW1/4) of the Southeast Quarter (SE1/4) of Section Thirty-Six (36); Township Twenty-Nine (29) North, Range One (1) East, City of Abbotsford, Clark County, Wisconsin containing 1,429 square feet (0.033 acres) of land and being described by:

Commencing at the Northwest Corner of said lot 1 and the point of beginning; thence N88°-29'-32"E 9.93 feet along the North line of said Lot 1 (also being the South line of W. Sycamore Street; thence S01°-30'-28"E 3.00 feet; thence N89°-50'-37"E 50.00 feet; thence S00°-09'-23"E 15.00 feet; thence S89°-50'-37"W 50.00 feet; thence S00°-09'-23"E 50.00 feet; thence S89°-50'-37"W 10.00 feet to a point on the East line of a public alley; thence N00°-09'-23"W 67.77 feet along said East line to the point of beginning, being subject to any and all easements and restrictions of record.

Craig A. Keach
 WISCONSIN
 CRAIG A. KEACH
 S-2333
 NEENAH
 WIS.
 NOVEMBER 2, 2018
 LAND SURVEYOR

SURVEYED FOR:



600 Busse Highway
 Park Ridge, IL 60068
 OFFICE: (847) 698-6400
 FAX: (678) 444-4472

SURVEYED FOR:



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CHECKED BY: C.A.K.	FIELD BOOK: M-49, PG. 32
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