



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

LAKE GENEVA UTILITY COMMISSION MONDAY NOVEMBER 21, 2022 4:00 PM COUNCIL CHAMBERS - CITY HALL, 626 GENEVA STREET

CITY HALL WILL BE OPEN TO THE PUBLIC DURING ALL MEETINGS. MEETINGS WILL BE HELD VIRTUALLY AS WELL AS IN PERSON. IF YOU WISH TO LISTEN OR WATCH THE MEETING YOU MAY DO SO BY USING THE FOLLOWING:

1. Links to the Lake Geneva Utility Commission's live video stream can be found at www.cityoflakegeneva.com/video
2. Television: Watch live broadcast of the meeting on Spectrum Cable Channel 25
3. Listen to audio via phone: (602) 333-2017 (Long distance rates may apply) (888) 204-5987 (Toll Free) **Access Code: 9746153**

AGENDA

1. Call Meeting to Order
2. Roll Call
3. Comments from the public as allowed by Wis. Statutes §19.84 (2), limited to items on this agenda except for public hearing items. Comments will be limited to 5 minutes.
4. Approve Utility Commission Minutes from October 17, 2022 as prepared and distributed
5. Acknowledgement of Correspondence
6. Approval of October 2022 Financials
7. Approval of the October 2022 Bills
8. Directors Report
9. Election of Officers – Commission President and Commission Secretary
10. Discussion/Action on proposed revisions to the Billing Clerk and Office Manager job descriptions
11. Discussion/Action on acceptance of water and sanitary sewer improvements – Stone Ridge Phase 2A
12. Discussion/Action on WisDOT STH 50 project and associated utility improvements
13. Discussion/Action on the release of bid for the Hauled Waste Receiving Facility project
14. Discussion/Action on the proposed 2023 Operating and Capital Budgets for the Wastewater Utility and Water Utility
15. Motion to go into closed session pursuant to Wis. Stat. 19.85(1)(c) considering employment, promotion, compensation, or performance evaluation data of any public employee over which the governmental body has jurisdiction or exercises responsibility, regarding hiring a Wastewater Operator
16. Motion to return to open session pursuant to Wisconsin Statutes 19.85(2) and take action on any items discussed in closed session
17. Adjourn



THIS MEETING WAS HELD BOTH VIRTUALLY AND IN PERSON

Call Meeting to Order – Lyon called the meeting to order at 3:58pm

Roll Call – Lyon, Hedlund, Howell, Nord, Stanczak & Binn. Excused - Klein

Staff in Attendance – Busch & Gajewski

Also present: Ald. Fesenmaier & Joe DeYoung (virtually)

Comments from the public as allowed by Wis. Statutes §19.84 (2), limited to items on this agenda except for public hearing items. Comments will be limited to 5 minutes.

None

Approve Utility Commission minutes from September 19, 2022, as prepared & distributed
Hedlund/Binn motion to approve. Passed 6-0.

Acknowledgement of correspondence

None

Approval of the September 2022 Financials

Binn/Stanczak motion to approve. Passed 6-0.

Approval of the September 2022 Bills

Howell/Binn motion to approve. Passed 6-0.

Director's Report

Gajewski reviewed the submitted Director's report. Discussion was had on the hiring timeline for the advertised Wastewater Operator position.

Hedlund/Nord motion to approve the Director's report. Passed 6-0

Discussion/Action on release of bid for Pine Tree & Marianne Terrace water main project

Joe DeYoung from MSA Professional Services appeared via Zoom and gave the Commission an update on the work involved in this project as well as the anticipated timeline. New laterals and the new water main will be laid in a new location alongside the old so that service can be maintained while the installation is performed. There will be one more public meeting once the contractor for the work has been chosen to inform the residents of the expected timing. Hedlund commended MSA on the communication effort they have put in with members of the public who are affected by this project. Discussion followed.

Hedlund/Binn motion to approve the project plans and put the project out to bid. Approved 6-0.

Discussion/Action on awarding the reservoir 3 roof project

Gajewski reported that four companies were aware of the project but only one of them actually bid on it. The bid came in under budget and his recommendation is to approve it. Discussion followed.

Gajewski is hoping the work can be performed before the end of the year.

Hedlund/Binn motion to accept the bid from Carlson Racine Roofing and Sheetmetal. Passed 6-0.

Discussion/Action on revisions to Operator I and Operator II Water & Wastewater job descriptions

Gajewski explained that with the implementation of the new compensation and wage study, changes need to be made to the way in which an operator moves from Operator I to Operator II. He consulted with McGrath on the best way to manage the progression and then revised and updated the job descriptions to reflect the suggested changes.

Hedlund/Nord motion to approve the revised Operator I and Operator II job descriptions. Passed 6-0.

Discussion/Action on increase to Utility on-call stipend

As part of the wage and compensation study, McGrath wrote an executive summary which recommended that the Utility on-call stipend be increased from \$50 a week to \$100 a week. Gajewski did not include the executive summary in last month's packet when the wage and compensation study was approved, so this item is being presented separately. He is in favor of the increase and it can be supported in both the water and wastewater budgets for this year and next year. He recommends that it be approved retroactively to October 10, 2022 to keep in line with when the new wage scale began. Discussion followed.

Binn/Stanczak motion to approve the on-call stipend increase with a start date of October 10, 2022. Passed 6-0.

Discussion/Action on proposed 2023 O&M Budgets

Gajewski presented the 2023 O&M budgets and answered questions. Discussion was had on the necessity of a rate increase in the future. As it has been longer than five years since our last full rate case, we no longer qualify for the simple rate increase for water rates. The last water rate increase was 2019 and sewer rates have not increased since 2018. There are currently no plans to raise rates for either utility but once we have accepted the new infrastructure from the new developments in town, we should look at undertaking a full rate case. Both Utility budgets will be included in the public hearing with the City's budget and then both Utility budgets will come back to the Utility Commission in November for final approval.

No action taken.

Adjourn

Hedlund/Stanczak motion to adjourn at 4:37pm. Passed 6-0.

**THESE MINUTES ARE NOT OFFICIAL UNTIL APPROVED BY
THE LAKE GENEVA UTILITY COMMISSION**

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

10 / 2022

FUND 61 - WASTEWATER UTILITY

REVENUES	Current Period	YTD	2022 Budget	YTD vs Budget	YTD % of Budget 83.3%	Prior YTD 2021	Prior YTD 5 Year Avg.
INTEREST EARNED	13,064	46,192	10,300	35,892	448.47%	2,354	16,645
CUSTOMER SALES	30,881	1,601,977	2,102,450	-500,473	76.20%	1,627,905	1,417,824
OTHER REVENUE	1,978	10,666	10,725	-59	99.45%	11,517	17,659
CAPITAL CONTRIBUTIONS	14,174	159,644	186,500	-26,856	85.60%	179,040	149,957
TOTAL REVENUES	60,098	1,818,479	2,309,975	-491,496	78.72%	1,820,817	1,602,086
EXPENSES							
TOTAL OUTSIDE SERVICES	26,747	230,832	392,025	-161,193	58.88%	205,705	216,755
TOTAL OPERATING EXPENSES	1,038	28,459	43,350	-14,891	65.65%	25,766	22,269
TOTAL INSURANCE	0	21,962	29,900	-7,938	73.45%	20,456	19,382
TOTAL SALARY & BENEFITS	46,409	464,589	603,797	-139,208	76.94%	417,192	445,431
TOTAL LAB SUPPLIES	844	18,169	22,600	-4,431	80.40%	17,416	10,763
TOTAL MISCELLANEOUS EXPENSE	0	89	1,000	-911	8.89%	104	972
TOTAL MAINTENANCE	38,165	90,713	404,200	-313,487	22.44%	245,033	140,015
TOTAL OPERATION & MAINTENANCE EXPENSES	113,203	854,813	1,496,872	-642,059	57.11%	931,673	855,587
REVENUES OVER O&M EXPENSES	-53,105	963,666	813,103	150,563		889,144	746,499
TOTAL CAPITAL OUTLAY	22,600	161,448	1,395,500	-1,234,052	11.57%	42,887	79,711
REVENUES OVER TOTAL EXPENSES	-75,706	802,218	-582,397	1,384,615		846,257	666,789
TOTAL CASH TRANSFERS	0	1,233,755	-587,150	1,820,905	-210.13%	885,417	546,488
NET CHANGE IN CASH BALANCE	-75,706	-431,537	4,753	-436,290		-39,160	120,300

FUND CASH AND INVESTMENT SUMMARY	<u>Opening Balance</u>	<u>Period Activity</u>	<u>Ending Balance</u>
Wastewater Utility Fund Cash	112,179	387,352	499,531
LGIP #10 - Capital Project Fund	2,802,433	6,925	2,809,357
LGIP #11 - Debt Service Fund	0	0	0
LGIP #12 - Impact Fee Fund	1,174,799	2,903	1,177,702
LGIP #13 - Equipment Replacement Fund	1,267,041	3,131	1,270,172
TOTAL WASTEWATER CASH AND INVESTMENT	5,356,451	400,311	5,756,762

LAKE GENEVA UTILITY COMMISSION

BUDGET COMPARISON THRU:

10 / 2022

FUND 62 - WATER UTILITY

REVENUES	Current Period	YTD	2022 Budget	YTD vs Budget	YTD % of Budget 83.3%	Prior YTD 2021	Prior YTD 5 Year Avg.
INTEREST EARNED	7,760	26,416	3,275	23,141	806.60%	1,333	7,242
CUSTOMER SALES	15,531	1,410,405	1,815,347	-404,942	77.69%	1,438,917	1,321,086
OTHER REVENUE	5,237	277,678	294,401	-16,723	94.32%	272,595	246,305
CAPITAL CONTRIBUTIONS	12,844	144,664	169,000	-24,336	85.60%	162,240	131,236
TOTAL REVENUES	41,372	1,859,163	2,282,023	-422,860	81.47%	1,875,084	1,705,869
EXPENSES							
TOTAL SOURCE OF SUPPLY - OPERATION	4,650	51,383	59,000	-7,617	87.09%	46,147	46,407
TOTAL SOURCE OF SUPPLY - MAINTENANCE	442	9,026	9,600	-574	94.02%	11,159	31,508
TOTAL PUMPING EXPENSE - OPERATION	6,044	56,818	74,350	-17,532	76.42%	55,665	59,010
TOTAL PUMPING EXPENSE - MAINTENANCE	1,113	4,165	25,700	-21,535	16.21%	50,333	17,663
TOTAL WATER TREATMENT - OPERATION	2,639	73,758	96,950	-23,192	76.08%	68,954	75,728
TOTAL WATER TREATMENT - MAINTENANCE	4,755	63,773	64,700	-927	98.57%	138,414	73,820
TOTAL TRANS. & DISTRIBUTION - OPERATION	5,230	36,854	47,800	-10,946	77.10%	37,673	34,426
TOTAL TRANS. & DISTRIBUTION - MAINTENANCE	15,674	240,348	254,350	-14,002	94.50%	138,893	123,877
TOTAL CUSTOMER ACCOUNTS	4,975	56,097	67,150	-11,053	83.54%	51,035	53,092
TOTAL ADMIN & GENERAL OPERATIONS	31,975	368,621	446,413	-77,793	82.57%	299,546	312,722
TOTAL OTHER EXPENSES	25,000	250,000	305,000	-55,000	81.97%	250,000	208,606
TOTAL OPERATION & MAINTENANCE EXPENSES	102,497	1,210,842	1,451,013	-240,171	83.45%	1,147,820	1,036,859
REVENUES OVER O&M EXPENSES	-61,124	648,321	831,010	-182,689		727,264	669,010
TOTAL CAPITAL OUTLAY	-685	117,644	435,100	-317,456	27.04%	199,799	326,479
REVENUES OVER TOTAL EXPENSES	-60,440	530,677	395,910	134,767		527,465	342,531
TOTAL CASH TRANSFERS	0	756,030	390,000	366,030	193.85%	690,480	-24,562
NET CHANGE IN CASH BALANCE	-60,440	-225,353	5,910	-231,263		-163,015	367,093

FUND CASH AND INVESTMENT SUMMARY	<u>Opening Balance</u>	<u>Period Activity</u>	<u>Ending Balance</u>
Water Utility Fund Cash	51,819	384,360	436,179
LGIP #1 - Capital Project Fund	1,643,147	4,060	1,647,207
LGIP #2 - Impact Fee Fund	546,759	1,351	548,110
LGIP #3 - Equipment Replacement Fund	778,518	1,924	780,442
TOTAL WATER FUND CASH AND INVESTMENT	3,020,243	391,695	3,411,938

Report Criteria:

Detail report.

Invoices with totals above \$5000.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
61				
ALLIANT ENERGY				
280954000022	11/01/2022	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	12,930.00
Total ALLIANT ENERGY:				12,930.00
WIPFLI				
2142388	10/31/2022	CYBER AUDIT	61-00-00-52660 OUTSIDE SERVICES EMPLOYED	708.28
Total WIPFLI:				708.28
DAHME ENTERPRISES INC				
1646	11/02/2022	FALL SLUDGE REMOVAL & LAN	61-00-00-52950 BIO-MASS HAUL/REMOVE (SLUDGE)	11,655.00
Total DAHME ENTERPRISES INC:				11,655.00
RUEKERT & MIELKE INC				
143440	10/11/2022	IMPACT FEE-TECHNICAL MEMO	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	4,092.41
143982	11/08/2022	IMPACT FEE-TECHNICAL MEMO	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	7,703.36
Total RUEKERT & MIELKE INC:				11,795.77
THE EXPEDITERS INC				
3406	10/12/2022	I & I MANHOLE GROUTING	61-00-00-93810 MAINT-MAINS	5,490.25
3415	10/17/2022	LINE MANHOE WALLS & CHIMN	61-00-00-93810 MAINT-MAINS	8,029.00
Total THE EXPEDITERS INC:				13,519.25
Total 61:				50,608.30
62				
MSA PROFESSIONAL SERVICES INC				
R07815009.0-2	10/19/2022	PINE TREE/MARIANE WATER M	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	12,940.00
Total MSA PROFESSIONAL SERVICES INC:				12,940.00
RUEKERT & MIELKE INC				
143440	10/11/2022	IMPACT FEE-TECHNICAL MEMO	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	4,092.41
143982	11/08/2022	IMPACT FEE-TECHNICAL MEMO	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	7,703.36
Total RUEKERT & MIELKE INC:				11,795.77
WIPFLI				
2142388	10/31/2022	CYBER AUDIT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	708.28
Total WIPFLI:				708.28
Total 62:				25,444.05
Grand Totals:				76,052.35

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
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Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Detail report.

Invoices with totals above \$5000.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
61				
STRAND ASSOCIATES INC				
0189016	10/12/2022	PROF SVCS 6/1/22-9/30/22-SRS	61-00-00-10700 CONSTRUCTION WORK IN PROCESS	3,912.85
Total STRAND ASSOCIATES INC:				3,912.85
NORTHERN LAKE SERVICE INC				
428372	10/27/2022	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	244.94
428608	10/31/2022	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	244.94
428936	11/08/2022	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	244.94
429082	11/08/2022	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	264.37
429398	11/14/2022	WEEKLY NITROGEN TESTING	61-00-00-52100 LABORATORY SERVICES	244.94
Total NORTHERN LAKE SERVICE INC:				1,244.13
WE ENERGIES				
4319544947	10/10/2022	HASKINS ST WWTF-SEWER PL	61-00-00-52500 UTILITY-GAS-PLANT	50.90
4319654273	10/10/2022	HASKINS ST DEWATERING BLD	61-00-00-52500 UTILITY-GAS-PLANT	9.90
4320134357	10/10/2022	HASKINS ST WEST BLDG-STOR	61-00-00-52500 UTILITY-GAS-PLANT	15.50
4355681198	11/08/2022	HASKINS ST WEST BLDG-STOR	61-00-00-52500 UTILITY-GAS-PLANT	66.50
4355959905	11/08/2022	HASKINS ST WWTF-SEWER PL	61-00-00-52500 UTILITY-GAS-PLANT	186.13
4356218889	11/08/2022	HASKINS ST DEWATERING BLD	61-00-00-52500 UTILITY-GAS-PLANT	42.04
4320481606	10/10/2022	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	13.04
4323759232	10/12/2022	LAGRANGE DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	26.29
4324264230	10/13/2022	BIG FOOT LIFT STATION	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	18.01
4354483265	11/07/2022	EDGEWOOD DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	11.03
4359427534	11/10/2022	LAGRANGE DR LIFT STN	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	18.72
4361631077	11/14/2022	BIG FOOT LIFT STATION	61-00-00-52505 UTILITY-GAS-COLLECTION SYSTEM	25.13
Total WE ENERGIES:				483.19
ALLIANT ENERGY				
143875000022	11/01/2022	191 HASKINS ST DEWATER BLD	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	260.17
280954000022	11/01/2022	HASKINS ST SEWER PLANT	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	12,930.00
507753000022	11/01/2022	361 W MAIN ST SIGN	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	33.62
974671000022	11/01/2022	361 MAIN ST HALLWAY	61-00-00-52520 UTILITY-ELECTRICITY-PLANT	84.02
055361000022	11/01/2022	361 MAIN ST CC LIFT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	66.42
141180000022	11/01/2022	LAGRANGE DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	142.28
277971000022	11/01/2022	MARIANE TER LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	33.08
307955000022	11/01/2022	MAXWELL ST LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	27.34
327113000022	11/01/2022	BAYVIEW DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	37.51
599411000022	11/01/2022	361 STATE ROAD 120 BIG FOOT	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	198.74
962961000022	11/01/2022	EDGEWOOD DR LIFT STN	61-00-00-52525 UTILITY-ELECTRICITY-COLL SYS	224.54
Total ALLIANT ENERGY:				14,037.72
WIPFLI				
2142388	10/31/2022	CYBER AUDIT	61-00-00-52660 OUTSIDE SERVICES EMPLOYED	708.28
Total WIPFLI:				708.28

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
DAHM ENTERPRISES INC				
1646	11/02/2022	FALL SLUDGE REMOVAL & LAN	61-00-00-52950 BIO-MASS HAUL/REMOVE (SLUDGE)	11,655.00
Total DAHM ENTERPRISES INC:				11,655.00
FIRST NATIONAL BANK OF OMAHA				
551315822880	10/15/2022	MICROSOFT 365 LICENSE	61-00-00-53050 COMPUTER EXPENSE	105.49
Total FIRST NATIONAL BANK OF OMAHA:				105.49
CAPITAL ONE				
582285482467	10/12/2022	INK CARTRIDGES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	146.00
Total CAPITAL ONE:				146.00
CHARTER COMMUNICATIONS				
012395110112	10/11/2022	INTERNET SVC OCT	61-00-00-53100 OFFICE SUPPLIES EXPENSE	79.98
Total CHARTER COMMUNICATIONS:				79.98
MARTIN BUSINESS GROUP				
1290809	10/20/2022	SERVICE CONTRACT/COPIES	61-00-00-53100 OFFICE SUPPLIES EXPENSE	112.54
Total MARTIN BUSINESS GROUP:				112.54
AT&T				
A26224886561	10/27/2022	OCT 2022 TELEPHONE	61-00-00-53110 TELEPHONE EXPENSE	114.35
Total AT&T:				114.35
AT&T LONG DISTANCE				
816988240-09	11/04/2022	262-248-2394 SEP	61-00-00-53110 TELEPHONE EXPENSE	.69
Total AT&T LONG DISTANCE:				.69
FIRST NATIONAL BANK OF OMAHA				
554328622972	10/24/2022	VONAGE PHONE SVC 10/23/202	61-00-00-53110 TELEPHONE EXPENSE	132.85
Total FIRST NATIONAL BANK OF OMAHA:				132.85
US CELLULAR				
0536146337	10/04/2022	WWTF MONTHLY PHONE BILL	61-00-00-53110 TELEPHONE EXPENSE	103.04
0541934019	11/04/2022	WWTF MONTHLY PHONE BILL	61-00-00-53110 TELEPHONE EXPENSE	102.63
Total US CELLULAR:				205.67
CINTA FIRE PROTECTION F36				
0F36662420	11/11/2022	ANNUAL FIRE EXTINGUISHER I	61-00-00-53900 FIRST AID & SAFETY SUPPLIES	1,352.20
Total CINTA FIRE PROTECTION F36:				1,352.20
HOME DEPOT CREDIT				
5524909	10/19/2022	SAFETY GLASSES/GLOVES	61-00-00-53900 FIRST AID & SAFETY SUPPLIES	27.38
Total HOME DEPOT CREDIT:				27.38

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
WI STATE LABORATORY OF HYGIENE				
30012499	11/01/2022	WSLH TESTING FEES	61-00-00-54100 LAB CERTIFICATION EXPENSE	510.00
Total WI STATE LABORATORY OF HYGIENE:				510.00
LITTLE LIMESTONE INC				
14060	10/31/2022	LIME SPREADING ON OUR 11/1	61-00-00-63300 LIME EXPENSE	2,667.70
Total LITTLE LIMESTONE INC:				2,667.70
USA BLUE BOOK				
151520	10/21/2022	HACH BOD NUTRIENT BUFFER	61-00-00-64000 LABORATORY SUPPLIES	734.98
178328	11/15/2022	CHLORIDE TEST STRIPS & CO	61-00-00-64000 LABORATORY SUPPLIES	598.60
Total USA BLUE BOOK:				1,333.58
CAPITAL ONE				
582285482467	10/12/2022	GARB BAGS/GAIN	61-00-00-65000 OTHER OPERATING SUPPLIES-KITCH	21.92
Total CAPITAL ONE:				21.92
HOME DEPOT CREDIT				
5524909	10/19/2022	POND PEBBLES-PLANT GROUN	61-00-00-65500 MAINT OF OTHER PLANT	9.96
Total HOME DEPOT CREDIT:				9.96
RUEKERT & MIELKE INC				
143440	10/11/2022	IMPACT FEE-TECHNICAL MEMO	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	4,092.41
143982	11/08/2022	IMPACT FEE-TECHNICAL MEMO	61-00-00-92300 OUTSIDE SERVICES EMPLOYED	7,703.36
Total RUEKERT & MIELKE INC:				11,795.77
SECURIAN FINANCIAL GROUP				
DEC-UTL LIFE	11/10/2022	DEC LIFE INS	61-00-00-92630 LIFE INSURANCE EXPENSE	7.56
Total SECURIAN FINANCIAL GROUP:				7.56
DUNN LUMBER				
1266173	11/10/2022	LAB BLDG CLEANING SUPP-SI	61-00-00-93500 MAINT-LAB BLDG	19.38
Total DUNN LUMBER:				19.38
HOME DEPOT CREDIT				
3524283	10/11/2022	HAND PUMP W/HOSE	61-00-00-93500 MAINT-LAB BLDG	38.98
Total HOME DEPOT CREDIT:				38.98
USA BLUE BOOK				
151520	10/21/2022	REPLACEMENT CAP-LAB EQUI	61-00-00-93600 MAINT-LAB EQUIPMENT	162.96
Total USA BLUE BOOK:				162.96
PATS SERVICES INC				
958764	11/08/2022	HEADWORK CLEAN OUT	61-00-00-93601 MAINT-HEADWORKS EQUIP	670.00
Total PATS SERVICES INC:				670.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
USA BLUE BOOK				
151520	10/21/2022	PAPER FILTER-INFL BLOWER M	61-00-00-93601 MAINT-HEADWORKS EQUIP	97.01
Total USA BLUE BOOK:				97.01
GRAINGER				
9472012765	10/10/2022	ACUTATOR-BELT PRESS WATE	61-00-00-93607 MAINT-DEWATERING-B/PRESS EQUIP	448.75
9480746073	10/17/2022	ACUTATOR-BELT PRESS MAINT	61-00-00-93607 MAINT-DEWATERING-B/PRESS EQUIP	448.75
9484012795	10/19/2022	ACUTATOR-BELT PRESS MAINT	61-00-00-93607 MAINT-DEWATERING-B/PRESS EQUIP	448.75
Total GRAINGER:				448.75
FASTENAL COMPANY				
WIELK173818	10/17/2022	MISC SHOP HARDWARE	61-00-00-93700 MAINT-VEHICLES & EQUIP	120.04
Total FASTENAL COMPANY:				120.04
HOME DEPOT CREDIT				
2524361	10/12/2022	CAMEL MAINT-RUBBER PKG S	61-00-00-93700 MAINT-VEHICLES & EQUIP	9.41
3524283	10/11/2022	LUBE/SILICONE LUBE	61-00-00-93700 MAINT-VEHICLES & EQUIP	16.46
Total HOME DEPOT CREDIT:				25.87
ITU ABSORB TECH INC				
8002570	10/14/2022	SHOP RAGS	61-00-00-93700 MAINT-VEHICLES & EQUIP	32.20
8019014	11/11/2022	SHOP RAGS	61-00-00-93700 MAINT-VEHICLES & EQUIP	32.20
Total ITU ABSORB TECH INC:				64.40
DUNN LUMBER				
1266173	11/10/2022	LS PUMP MAINT SUPP-SPRAY P	61-00-00-93800 MAINT-LIFT STATIONS	16.84
Total DUNN LUMBER:				16.84
DIGGERS HOTLINE				
221039101	10/31/2022	OCT 2022 EMAIL FEES	61-00-00-93810 MAINT-MAINS	62.03
Total DIGGERS HOTLINE:				62.03
THE EXPEDITERS INC				
3406	10/12/2022	I & I MANHOLE GROUTING	61-00-00-93810 MAINT-MAINS	5,490.25
3415	10/17/2022	LINE MANHOE WALLS & CHIMN	61-00-00-93810 MAINT-MAINS	8,029.00
Total THE EXPEDITERS INC:				13,519.25
ALLIANT ENERGY				
252422000022	11/01/2022	E STATE ROAD 50 GATE	61-00-00-93820 MAINT-RECEIVING STATION	16.95
054885000022	11/01/2022	E STATE ROAD 50 SEEPAGE	61-00-00-93830 MAINT-SEEPAGE CELLS/POND	51.30
Total ALLIANT ENERGY:				68.25
Total 61:				65,978.57
62				
MSA PROFESSIONAL SERVICES INC				
R07815009.0-2	10/19/2022	PINE TREE/MARIANE WATER M	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	12,940.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total MSA PROFESSIONAL SERVICES INC:				12,940.00
WISCONN VALLEY MEDIA GROUP				
105834-1	10/05/2022	RES 3 ROOF BID ADVERTISEM	62-00-00-10700 CONSTRUCTION WORK IN PROCESS	89.05
Total WISCONN VALLEY MEDIA GROUP:				89.05
CORE & MAIN LP				
R676836	09/30/2022	1" METERHORN SWIVELS	62-00-00-15000 MATERIAL-SUPPLIES	454.00
Total CORE & MAIN LP:				454.00
DIXON ENGINEERING INC				
22-1294	11/08/2022	T MOBILE LCC-HOST REVIEW C	62-00-00-23830 DEPOSITS	1,750.00
22-1295	11/08/2022	T MOBILE-DODGE INSPECTION	62-00-00-23830 DEPOSITS	1,350.00
Total DIXON ENGINEERING INC:				3,100.00
CORE & MAIN LP				
R610421	10/03/2022	1.5" AND 2" OMNI METERS	62-00-00-34600 METERS	3,018.27
R728163	10/13/2022	OMNI 2" METER	62-00-00-34600 METERS	1,145.64
Total CORE & MAIN LP:				4,163.91
MARTELLE WATER TREATMENT				
24164	10/19/2022	SODIUM HYPOCHLORITE	62-00-00-60200 CHEMICALS	1,213.00
Total MARTELLE WATER TREATMENT:				1,213.00
ALLIANT ENERGY				
145511000022	11/01/2022	361 MAIN ST WELL 2	62-00-00-60300 MISC EXPENSES & UTILITY	1,341.34
327391000022	11/01/2022	WAVERLY ST WELL 4	62-00-00-60300 MISC EXPENSES & UTILITY	532.46
348370000022	11/01/2022	WAVERLY ST WELL 3	62-00-00-60300 MISC EXPENSES & UTILITY	459.76
972745000022	11/01/2022	HASKINS ST WELL 5	62-00-00-60300 MISC EXPENSES & UTILITY	497.74
Total ALLIANT ENERGY:				2,831.30
BURT PROCESS EQUIPMENT INC				
5336007	10/12/2022	CHEMICAL TRANSFER PUMPS	62-00-00-60300 MISC EXPENSES & UTILITY	512.74
Total BURT PROCESS EQUIPMENT INC:				512.74
WE ENERGIES				
4319605598	10/10/2022	WAVERLY ST WELLHOUSE #4	62-00-00-60300 MISC EXPENSES & UTILITY	11.14
4325652715	10/13/2022	HASKINS ST WELLHOUSE #5	62-00-00-60300 MISC EXPENSES & UTILITY	10.56
4356710413	11/08/2022	HASKINS ST WELLHOUSE #5	62-00-00-60300 MISC EXPENSES & UTILITY	39.77
4356962137	11/08/2022	WAVERLY ST WELLHOUSE #4	62-00-00-60300 MISC EXPENSES & UTILITY	23.16
Total WE ENERGIES:				84.63
ALLIANT ENERGY				
347962000022	11/01/2022	DODGE ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	109.75
576425000022	11/01/2022	MAIN ST ENGINE ROOM	62-00-00-62300 PUMPING POWER PURCHASED	4,832.12
717061000022	11/01/2022	1401 CENTER ST BOOSTER	62-00-00-62300 PUMPING POWER PURCHASED	222.62

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
Total ALLIANT ENERGY:				5,164.49
WE ENERGIES				
4320560387	10/10/2022	CENTER ST BOOSTER STN	62-00-00-62300 PUMPING POWER PURCHASED	18.59
4321417453	10/11/2022	WATER DEPT MAIN BLDG	62-00-00-62300 PUMPING POWER PURCHASED	127.51
4355453333	11/08/2022	WATER DEPT MAIN BLDG	62-00-00-62300 PUMPING POWER PURCHASED	342.61
4356325381	11/08/2022	CENTER ST BOOSTER STN	62-00-00-62300 PUMPING POWER PURCHASED	29.36
Total WE ENERGIES:				518.07
ADVANCE AUTO PARTS				
719323074218	11/03/2022	AIR FILTER-CENTER ST BOOST	62-00-00-63300 MAINT PUMPING EQUIP	5.00
Total ADVANCE AUTO PARTS:				5.00
BURT PROCESS EQUIPMENT INC				
5336007	10/12/2022	CHEMICAL TRANSFER PUMPS	62-00-00-63300 MAINT PUMPING EQUIP	607.90
Total BURT PROCESS EQUIPMENT INC:				607.90
CUMMINS INC.				
F6-42921	11/03/2022	GENERATOR MAINT-CENTER S	62-00-00-63300 MAINT PUMPING EQUIP	1,581.24
Total CUMMINS INC.:				1,581.24
MARTELLE WATER TREATMENT				
24164	10/19/2022	HYDROFLUOSILICIC ACID, CHL	62-00-00-64100 CHEMICALS	3,423.01
Total MARTELLE WATER TREATMENT:				3,423.01
ALLIANT ENERGY				
974671000022	11/01/2022	361 MAIN ST HALLWAY	62-00-00-64200 LABOR & EXPENSES (LAB)	84.02
Total ALLIANT ENERGY:				84.02
NORTHERN LAKE SERVICE INC				
425721	09/20/2022	MANGANESE MONTHLLY	62-00-00-64200 LABOR & EXPENSES (LAB)	36.28
427581	10/14/2022	MANGANESE MONTHLLY	62-00-00-64200 LABOR & EXPENSES (LAB)	61.28
428462	10/31/2022	PHOSPHATE PRELIMINARY SA	62-00-00-64200 LABOR & EXPENSES (LAB)	1,333.50
429464	11/15/2022	MANGANESE MONTHLY TESTI	62-00-00-64200 LABOR & EXPENSES (LAB)	36.28
Total NORTHERN LAKE SERVICE INC:				1,467.34
USA BLUE BOOK				
164244	11/02/2022	REAGENTS-WATER TESTING-C	62-00-00-64200 LABOR & EXPENSES (LAB)	327.00
167393	11/04/2022	REAGENTS-CHLORINE SWIFTE	62-00-00-64200 LABOR & EXPENSES (LAB)	67.03
Total USA BLUE BOOK:				394.03
WI STATE LABORATORY OF HYGIENE				
30013391	11/01/2022	ANNUAL WATER MICRO QA CE	62-00-00-64200 LABOR & EXPENSES (LAB)	549.00
727072	10/31/2022	MONTHLY FLUORIDE SPLIT SA	62-00-00-64200 LABOR & EXPENSES (LAB)	28.00
Total WI STATE LABORATORY OF HYGIENE:				577.00

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
AMY'S SHIPPING EMPORIUM				
75198	10/31/2022	PHOSPHATE CHEMICAL CHAN	62-00-00-64300 MISC EXPENSE	222.97
Total AMY'S SHIPPING EMPORIUM:				222.97
ELKHORN CHEMICAL CO INC				
647250	10/18/2022	TOILETRIES-PAPER TOWEL & B	62-00-00-64300 MISC EXPENSE	482.23
647250-1	10/24/2022	TOILETRIES-ROLL TOWEL	62-00-00-64300 MISC EXPENSE	523.29
Total ELKHORN CHEMICAL CO INC:				1,005.52
HOME DEPOT CREDIT				
3023552	10/31/2022	PLUMBING SUPP-THREAD CO	62-00-00-65100 PLANT MAINTENANCE	21.27
3174211	10/11/2022	THERMOCOUPLE-PLANT B CH	62-00-00-65100 PLANT MAINTENANCE	23.96
Total HOME DEPOT CREDIT:				45.23
DUNN LUMBER				
1242380	10/18/2022	PLANT B FLUORIDE TRANSF P	62-00-00-65200 MAINT WATER TREATMENT EQUIP	64.44
Total DUNN LUMBER:				64.44
HOME DEPOT CREDIT				
5160191	10/19/2022	VINYL TUBING-PLANT B FLUOR	62-00-00-65200 MAINT WATER TREATMENT EQUIP	37.28
Total HOME DEPOT CREDIT:				37.28
S.J. ELECTRO SYSTEMS LLC (SJE)				
CD99458126	11/02/2022	HOST TOWER ANTENNA REPLA	62-00-00-65200 MAINT WATER TREATMENT EQUIP	1,063.30
Total S.J. ELECTRO SYSTEMS LLC (SJE):				1,063.30
ALLIANT ENERGY				
098433000022	11/01/2022	750 WILD RIDGE DR WATER TO	62-00-00-66100 MAINT OPS-STANDPIPES	109.17
520171000022	11/01/2022	1887 DODGE ST TOWER	62-00-00-66100 MAINT OPS-STANDPIPES	33.68
Total ALLIANT ENERGY:				142.85
HOME DEPOT CREDIT				
2023684	11/01/2022	CENTER ST TOWER SENSUS M	62-00-00-66300 METER EXPENSE	213.23
4180383	10/20/2022	CENTER ST TOWER SENSUS M	62-00-00-66300 METER EXPENSE	86.18
7014696	10/17/2022	PLANT B TRANSFER PUMP MO	62-00-00-66300 METER EXPENSE	69.91
9014925	10/25/2022	CENTER ST TOWER SENSUS M	62-00-00-66300 METER EXPENSE	125.38
Total HOME DEPOT CREDIT:				494.70
DUNN LUMBER				
1272624	11/17/2022	GLOVES	62-00-00-66500 MISC EXPENSE LICENSE & TOOLS	14.69
Total DUNN LUMBER:				14.69
HOME DEPOT CREDIT				
1023816	11/02/2022	GAP FILLER & COUPLING-CENT	62-00-00-67200 RESERVOIR & STANDPIPES	13.53
Total HOME DEPOT CREDIT:				13.53

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
DIGGERS HOTLINE				
221039101	10/31/2022	OCT 2022 EMAIL FEES	62-00-00-67300 MAINT OF MAINS & VALVES	31.02
221039101	10/31/2022	OCT 2022 EMAIL FEES	62-00-00-67500 MAINT SERVICES & CURB BOX	31.02
Total DIGGERS HOTLINE:				62.04
HOME DEPOT CREDIT				
7023040	10/27/2022	GRASS SEED/LANDSCAPING-W	62-00-00-67500 MAINT SERVICES & CURB BOX	177.90
Total HOME DEPOT CREDIT:				177.90
HUMPHREYS CONTRACTING				
HUMPHREYS0	09/20/2022	PARK ROW SIDEWALK REPAIR-	62-00-00-67500 MAINT SERVICES & CURB BOX	1,595.40
Total HUMPHREYS CONTRACTING:				1,595.40
SCHMITZ READY MIX INC				
1020364-IN	10/26/2022	730 ANN ST-SLURRY FOR NEW	62-00-00-67500 MAINT SERVICES & CURB BOX	1,210.00
Total SCHMITZ READY MIX INC:				1,210.00
DUNN LUMBER				
1263565	11/08/2022	NUTS & BOLTS HYDRANTS	62-00-00-67700 MAINT OF HYDRANTS	67.25
1264749	11/09/2022	NUTS & BOLTS	62-00-00-67700 MAINT OF HYDRANTS	57.79
1270671	11/15/2022	HYDRANT BOLTS	62-00-00-67700 MAINT OF HYDRANTS	97.15
1271586	11/16/2022	HYDRANT BOLTS	62-00-00-67700 MAINT OF HYDRANTS	26.72
Total DUNN LUMBER:				248.91
USA BLUE BOOK				
175124	11/11/2022	HYDRANT MARKERS	62-00-00-67700 MAINT OF HYDRANTS	451.06
Total USA BLUE BOOK:				451.06
DUNN LUMBER				
1248235	10/24/2022	NUTS & BOLTS	62-00-00-67800 MAINT FOUNTAINS & MISC PLANT	24.91
1253589	10/28/2022	NUTS & BOLTS / COVERT GLOV	62-00-00-67800 MAINT FOUNTAINS & MISC PLANT	113.69
Total DUNN LUMBER:				138.60
AT&T				
A26224886561	10/27/2022	OCT 2022 TELEPHONE	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	114.35
Total AT&T:				114.35
AT&T LONG DISTANCE				
816988240-09	11/04/2022	262-248-0589 SEP	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	.69
Total AT&T LONG DISTANCE:				.69
CHARTER COMMUNICATIONS				
010682410212	10/21/2022	WATER OCTOBER INTERNET	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	119.98
Total CHARTER COMMUNICATIONS:				119.98
FIRST NATIONAL BANK OF OMAHA				
054101922992	10/26/2022	NETWORK BATTERY BACK UP	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	231.03

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
554328622972	10/24/2022	VONAGE PHONE SVC 10/23/202	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	132.86
Total FIRST NATIONAL BANK OF OMAHA:				363.89
HART, LONDON				
HART102022	10/27/2022	CCC ASSEMBLY TESTER TRAIN	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	45.00
Total HART, LONDON:				45.00
MARTIN BUSINESS GROUP				
1290809	10/20/2022	SERVICE CONTRACT/COPIES	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	112.55
Total MARTIN BUSINESS GROUP:				112.55
US CELLULAR				
0536146337	10/04/2022	WATER MONTHLY PHONE BILL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	191.36
0541934019	11/04/2022	WATER MONTHLY PHONE BILL	62-00-00-92100 OFFICE SUPPLIES & EXPENSE	190.61
Total US CELLULAR:				381.97
RUEKERT & MIELKE INC				
143440	10/11/2022	IMPACT FEE-TECHNICAL MEMO	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	4,092.41
143982	11/08/2022	IMPACT FEE-TECHNICAL MEMO	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	7,703.36
Total RUEKERT & MIELKE INC:				11,795.77
WIPFLI				
2142388	10/31/2022	CYBER AUDIT	62-00-00-92300 OUTSIDE SERVICES EMPLOYED	708.28
Total WIPFLI:				708.28
AURORA HEALTH CARE				
556759	10/16/2022	DOT DRUG SCREEN	62-00-00-92600 EMPLOYEE PENSIONS & BENEFITS	25.00
Total AURORA HEALTH CARE:				25.00
RACHWAL, TYLER				
RACHWAL110	11/02/2022	SAFETY BOOT REIMBURSEME	62-00-00-92600 EMPLOYEE PENSIONS & BENEFITS	100.00
Total RACHWAL, TYLER:				100.00
SECURIAN FINANCIAL GROUP				
DEC-UTL LIFE	11/10/2022	DEC LIFE INS	62-00-00-92630 LIFE INSURANCE EXPENSE	12.90
Total SECURIAN FINANCIAL GROUP:				12.90
HOME DEPOT CREDIT				
5014744	10/19/2022	TABLE & PADS (UPSTAIRS)	62-00-00-93000 MISCELLANEOUS GENERAL EXP	97.77
Total HOME DEPOT CREDIT:				97.77
AMAZON CAPITAL SERVICES				
89C4-SEP 202	10/01/2022	VACCUUM FILTERS	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	18.80
89C4-SEP 202	10/01/2022	LED LIGHT POWER DRIVERS	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	84.49
Total AMAZON CAPITAL SERVICES:				103.29

Invoice Number	Invoice Date	Description	GL Account and Title	Net Invoice Amount
FIRST NATIONAL BANK OF OMAHA				
554328622852	10/13/2022	GAS FURNACE PILOT ASSEMB	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	106.10
554328622912	10/18/2022	GAS FURNACE VALVE	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	215.10
Total FIRST NATIONAL BANK OF OMAHA:				321.20
HOME DEPOT CREDIT				
9173934	10/05/2022	GARAGE DOOR LUBRICANT	62-00-00-93200 MAINTENANCE OF GENERAL PLANT	16.46
Total HOME DEPOT CREDIT:				16.46
Total 62:				60,518.25
Grand Totals:				126,496.82

Dated: _____

Mayor: _____

City Council: _____

City Recorder: _____

Report Criteria:

Detail report.

Invoices with totals above \$0.00 included.

Paid and unpaid invoices included.

Invoice Detail.GL account (2 Characters) = "61","62"



Lake Geneva Utility Commission

MUNICIPAL WATER AND WASTEWATER SERVICES

361 W Main Street
P.O. Box 187
Lake Geneva, WI 53147
262-248-2311
www.lgutilitycommission.com

Dennis Lyon – President
Josh Gajewski – Utility Director
Jeff Ecklund – Water Superintendent
Ken Bauman – Wastewater Superintendent

TO: Lake Geneva Utility Commission
FROM: Josh Gajewski, Utility Director
SUBJECT: November 2022 Director's Report

OPERATIONS UPDATE

WATER OPERATIONS

Fall hydrant flushing and annual main valve maintenance were completed in early November. Staff also compiled a second punch list of hydrants and we've notified the coating contractor they will need to be revisited, and we will be working with them to return in the spring to address them.

The transition to a new blend of polyphosphate used for corrosion control and iron sequestration is expected to take place in early December. Follow-up compliance sampling will be required in March of 2023 and will be submitted to DNR for additional guidance.

Staff will be resuming the large diameter meter testing program later this month and cross-connection surveys have also been initiated for the year with our commercial, industrial, and public authority customers.

WASTEWATER OPERATIONS

Contracted sanitary sewer main televising for 2022 started in early November with pre-cleaning work, which will be followed by the camera work, which is anticipated to be completed in mid-December.

Manhole rehabilitation work for the year was completed in mid-October, which included grouting for I/I elimination in 16 structures, along with completing cementitious lining in another 15 structures.

The fall land application of biosolids was completed during the last week of October. As noted earlier in the year, biosolids generation from the plant was expected to be higher this year due to the polymer feed system issues that were experienced in the spring and summer. Overall, total cubic yards were similar to 2021's but are roughly double the prior three-year average ('18-'20). Additionally, the cost of hauling and application services increased by \$5.25/cu. yd., primarily related to increased fuel costs.

Staff has been working with Strand Assoc. to review the final project plans and manual for the hauled waste receiving facility improvements. The project documents are noticed on the November agenda for potential approval and release for bidding.

OFFICE & ADMINISTRATION

The Symphony Bay lift station work continues, with the pouring of the foundation walls recently being completed. Phase 6 improvements are expected to begin this winter and into the spring. Phase 7 improvements have been reviewed and recently approved. They are expected to be brought to the Commission in January for review and authorization of issuing an Owner letter of approval.

Final revisions to the draft operational and capital budgets for the Water and Wastewater Utilities have been made and are noticed on the November agenda for potential adoption.

9. Election of Commission Officers

Historically in November of each year, the Commissioners have held an election from the membership for the President and Secretary positions. In keeping with those past practices, this item has been noticed for consideration by the Commissioners.

No recommendation is offered from staff for this item.

10. Revised Job Descriptions – Billing Clerk & Office Manager

As part of the implementation and administration of the Compensation Study completed by McGrath earlier in the year, title changes were suggested for the Utility Billing Clerk (Utility Billing Associate) and the Office Manager (Utilities Coordinator) positions. The job descriptions have each been amended to reflect that change, along with a small number of recommended grammatical and clarifying edits. All proposed changes are shown in the redlined draft of the documents, which are included in packets for Commissioner review.

Action is recommended to approve the changes to the job descriptions for the Utility Billing Clerk – Utility Billing Associate and the Office Manager – Utilities Coordinator positions.

11. Acceptance of Stone Ridge Phase 2A Water and Sewer Utility Improvements

The referenced utility improvements were installed and inspected during the summer and fall of 2019. The Developer has requested to initiate the process for the dedication of the related improvements to the Utility. A map copy of the area in which the improvements have been made, along with an itemized inventory of the improvements and a letter of recommendation from Kapur have been prepared and included in packets for Commissioner review.

Action is recommended to accept the water and sanitary sewer improvements that have been completed in Stone Ridge Phase 2A.

12. STH 50 WisDOT Project and Utility Improvement Projects

Staff recently received another project update from representatives of WisDOT. Generally, WisDOT continues to contemplate the scope of improvements and is now considering the potential for pavement replacement, curb replacement, and stormwater improvements along the western portion of the project limits. Additionally, they are anticipating the schedule may be later and be completed between 2026 and 2027. However, the Utility may still be required to start in 2024 as previously discussed and may have to complete all improvements in that single construction season, rather than splitting it into two years. Staff will provide additional detail on these items during the meeting.

No formal action is requested or recommended by staff at this time.

13. Hauled Waste Receiving Facility Project

Staff has continued to work with Strand Associates to finalize and review the plans, bidding documents and construction manual for the project. A copy of the project plans are included in packets for Commissioner review, along with an 8-page excerpt of the 812-page bid and project manual. The required Intent to Apply (ITA) and Priority Evaluation and Ranking Form (PERF) documents have been submitted to DNR, which is the first qualification needed to apply for the Clean Water Fund Program (CWFP). If approved, the bid opening would take place on 1/10/2023 and return to the Commission for potential awarding at the 1/16/2023 Commission meeting.

Action is recommended to approve the release of the Hauled Waste Receiving Facility Project for bidding.

14. 2023 Budgets – Wastewater and Water Utilities

Using input from recent Commission meetings, staff has revised the budgetary requests for the 2023 Wastewater and Water Utility. Staff anticipates reviewing each of the budgets at the November meeting and will be available to answer any questions that may be presented.

Staff recommends approval of the proposed 2023 Wastewater and Water Utility Budgets.



CITY OF LAKE GENEVA - UTILITY COMMISSION

UTILITY BILLING CLERK ASSOCIATE (GRADE 6)

FUNCTION OF JOB

Performs a variety of routine clerical, secretarial, and bookkeeping duties including but not limited to, answering the phones, receiving the public, providing customer assistance, cashiering, data processing, and utility billing.

This position works under the supervision of the Office Manager Utilities Coordinator.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Performs routine clerical and administrative work in customer service, cashiering, data processing, and bookkeeping.
- Provides customer service in person, on phone, and through written and electronic correspondence to customers.
- Generates, processes, and mails-distributes all utility bills on a monthly and/or quarterly basis according to customer class.
- Keys in all customer payments and balances to bank deposit and cash drawer on a daily basis.
- Makes customer collections calls and negotiates deferred payment arrangements (DPA's) based on Public Service Commission (PSC) regulations as well as the customer's ability to pay.
- Schedules disconnections of service due to non-payment and/or defaulted DPA's.
- Applies applicable late payment penalties to customer accounts on a monthly basis.
- Schedules appointments and generates service tickets to investigate meters not providing electronic readings required for utility billing.
- Enters and maintains all customer and meter records within the utility billing software.
- Acts as a liaison to Title Companies to receive new customer information and generate final billings.
- Responds to all customer and/or landlord requests relating to the changeover of account holders when homes are bought, sold, or rented within the service area.
- Provides clerical support to the Office Manager Utilities Coordinator and other staff as required.
- Performs light housekeeping duties as required, including maintaining a clean and pleasant office environment.

ESSENTIAL KNOWLEDGE, SKILLS AND ABILITIES

- Ability to establish and maintain cooperative relationships with members of the public and coworkers alike.
- Must be patient and able to respond helpfully in situations where persons may be upset and be able to interact with others to accomplish tasks without arousing hostility.

- Must have good organizational skills and the ability to perform duties as assigned by ~~Office Manager~~Utilities Coordinator accurately and in a timely manner.
- Must have the ability to effectively use time and resources to accomplish activities.
- Must be proficient with business computer hardware and software, including a high degree of knowledge in the use of Microsoft Office and accounting software.

REQUIRED TRAINING AND EXPERIENCE

Licenses/Certifications

A high school diploma or GED and 1-3 years of experience in a customer service environment is required. Must have good analytical skills with an eye for detail and be accurate and reliable in handling customer accounts and records. Must be proficient with Microsoft Office.

Additional Requirements of Work

The work of the Utility Billing ~~Clerk~~Associate is performed in an office setting. While performing the duties of this job, the employee is frequently required to sit for extended periods of time.

Must be able to lift and move up to 25 pounds. Must have simple grasping and hand-eye coordination to handle or operate objects, tools, controls, and office equipment. Must be able to communicate effectively with a wide spectrum of society on the telephone, in person and via electronic platforms. Specific vision abilities required by this job include close vision and the ability to adjust focus.

Occasionally overnight travel may be required for training and/or continuing education.

The physical demands described are representative of those that must be met by an employee to successfully perform the essential function of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.



CITY OF LAKE GENEVA - UTILITY COMMISSION

OFFICE MANAGER POSITION DESCRIPTION

(GRADE 11) UTILITIES COORDINATOR

FUNCTION OF JOB

Performs a variety of routine and complex clerical, supervisory and administrative work in managing all aspects of the Utility Office; including keeping official records, providing administrative support for utility billing and financial transactions, and assisting in the administration of the standard operating procedures and policy framework of the Utility Commission, the Wisconsin Public Service Commission and Wisconsin State Statutes.

This position works under the supervision of the Director of Utilities and oversees office operations including clerical, billing, payroll, accounting, and other related services.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Performs routine clerical and administrative work in customer service, cashiering, data processing, payroll, and bookkeeping.
- Provides customer service in person, ~~on-over the~~ phone and through written and electronic correspondence to customers. Responds to all inquiries relating to Utility related business and prepares work orders as necessary.
- Oversees the processing of utility billing, including collections, final bills and disconnections of service due to non-payment.
- Oversees customer account database management, preparing necessary documentation related to establishing services, customer deposits, bankruptcies, deferred payment arrangements, special assessments and tax roll notices.
- Oversees and assists with the processing and review of daily cash collections, deposits and bank reconciliation.
- Performs work for accounts receivable generated from inventory sales and other utility related services. Generates aging reports and performs additional collections activities as necessary. Assists with processing accounts payable; circulating invoices, assigning general ledger accounts and compiling data for payment processing
- Acts as liaison for meter reading, utility billing and payment software support services and assists with the administration of the local IT network, website and social media platforms.
- Direct Supervisor of Utility Billing ~~Clerk~~Associate, assigns daily workload, training and conducts annual performance reviews.
- Assists the Utility Director, Water Superintendent and Wastewater Superintendent with administration, operations and capital projects as directed; acting as a representative of the Utility as assigned.
- Assists with preparing various internal reports and documentation for use in reporting requirements, financial reconciliation, fund accounting, inventory records, and payroll.
- Processes underground utility locate requests and prepares necessary staff work orders.
- Prepares necessary documents and notices for Utility Commission and departmental meetings.

- Prepares and maintains PTO and On Call schedules, and assists with scheduling field service and customer service work orders for Utility Staff.
- Requisitions needed supplies and service for equipment office and operations and maintains all related records.
- Maintains and updates digital and hard copy records for Utility filing system.

ESSENTIAL KNOWLEDGE, SKILLS AND ABILITIES

- Ability to establish and maintain cooperative relationships with employees and citizens contacted during the course of work.
- Must be patient and able to respond helpfully in situations where persons may be upset and be able to interact with others to accomplish tasks without arousing hostility.
- Ability to solve practical problems and deal with variables in a variety of situations where only limited standardization may exist.
- Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form while making decisions in accordance with rules, regulations and policies.
- Ability to issue oral and written instructions and must have a highly developed ability to organize and prioritize the needs of customers and utility operations.
- Ability to carry out various administrative and clerical duties with little supervision. Ability to effectively use time and resources to accomplish activities.
- Exercise proficiency with business computer hardware and software, including a high degree of knowledge in the use of Microsoft Office and accounting software.

REQUIRED TRAINING AND EXPERIENCE

Licenses/Certifications

Degree in accounting or financial management, business administration or management, or related field required along with three to five years of progressively responsible administrative support experience.

Notary Public desired.

Additional Requirements of Work

The work of the ~~Office Manager~~Utilities Coordinator is performed in an office setting. While performing the duties of this job, the employee is frequently required to sit for extended periods of time.

Must be able to lift and move up to 25 pounds. Must have simple grasping and hand-eye coordination to handle or operate objects, tools, controls and office equipment. Must be able to communicate effectively with a wide spectrum of society on the telephone, in person and via electronic platforms. Specific vision abilities required by this job include close vision and the ability to adjust focus.

Work outside of normal business hours for attendance at related meetings is required. Overnight travel may be required for training and/or continuing education.

The physical demands described are representative of those that must be met by an employee to successfully perform the essential function of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential function.

Memo to City of Lake Geneva

To: Josh Gajewski – Utility Director **Date:** October 10, 2022

From: Naomi Rauch, P.E.
262-758-6032

CC: Dave Nord – City Administrator
Dan Draper – City Attorney
Tom Earle – Public Works
Mike Timmers P.E. – Kapur & Associates, Inc.

Subject: Stoneridge Phase 2A –Utility Approval Recommendation

Utility items have been completed for Stoneridge Phase 2A.

The sanitary sewer, water main, and fire hydrants, within the public rights of way, have been installed, tested, and approved pursuant to State of Wisconsin and City of Lake Geneva standards and approved construction documents for the above listed project. Inspection and testing of utility installation has been completed and all as-built drawings have been received & updated in GIS.

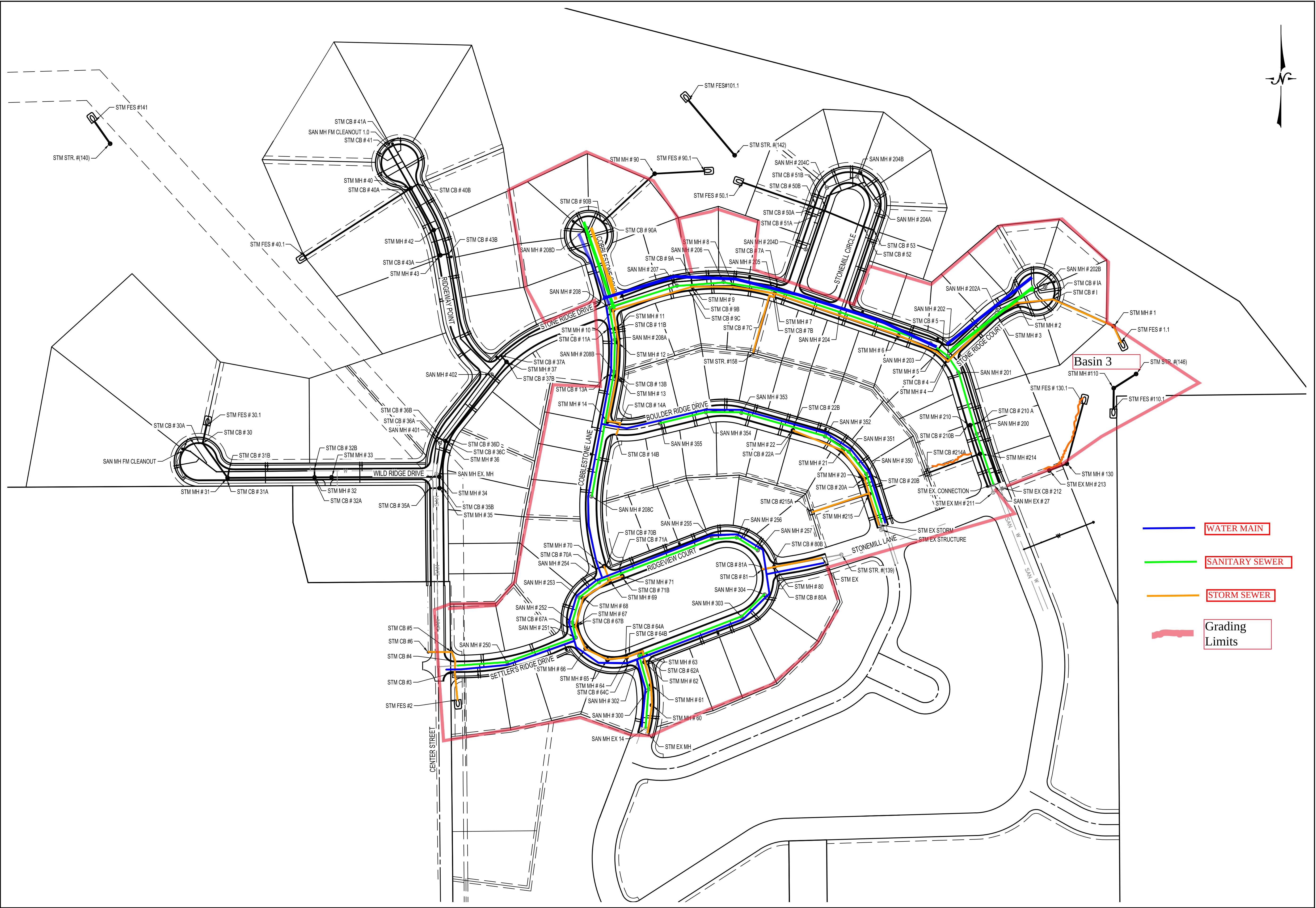
The work has been acceptably completed and it is Kapur's recommendation that the public utility improvements be accepted as public infrastructure. A spreadsheet summary of itemized infrastructure recommended for acceptance is attached. The estimated cost per unit reflects the cost of each item at the time of installation.

The general list of utilities that are recommended for acceptance are located in the following roadways: Stone Ridge Drive (from Stonemill Lane to Termini West of Cobblestone Court), Stone Ridge Court (from Stone Ridge Drive to Termini), Cobblestone Lane (from Ridgeview Court to Stone Ridge Drive), Cobblestone Court (from Stone Ridge Drive to Termini), Boulder Ridge Drive (from Stonemill Lane to Cobblestone Lane), Settlers Ridge Drive (from Center Street to Ridgeview Court), Rock Ridge Lane (from Boulder Ridge Drive to Ridgeview Court), Ridgeview Circle (from Settlers Ridge Drive to Settlers Ridge Drive). Utilities constructed as part of Phase 2B construction (along Stonemill Circle) are **NOT** included in Utility Approval Recommendation for Phase 2.

If you have any questions or comments, please feel free to contact me!



PHASE II - Unit 1A Exhibit C



IMPROVEMENT PLANS FOR
STONE RIDGE PHASE II
CITY OF LAKE GENEVA, WI

LYNCH & ASSOCIATES
ENGINEERING CONSULTANTS, LLC

UTILITY OVERVIEW	NO.	1
	REVISIONS	
	BY	
	DATE	03.18.19

ISSUED FOR REVIEW

PLAN DATE 01.11.19
DESIGNED BY DKV

0 120'
SCALE

PROJECT NO.
18.0033

SHEET NO.

C112

CITY OF LAKE GENEVA - SANITARY SEWER ACCEPTED IN 2022

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase II A (installed in 2019)

Location	4" PVC Lateral (LF)	8" PVC Main (LF)	48" SAN MH (EA)
Boulder Ridge Drive - Stub (STA 12+15) to SAN MH 350		135.0	
Boulder Ridge Drive - SAN MH 350 to SAN MH 351		75.0	
Boulder Ridge Drive - SAN MH 351 to SAN MH 352		75.0	
Boulder Ridge Drive - SAN MH 352 to SAN MH 353		230.0	
Boulder Ridge Drive - SAN MH 353 to SAN MH 354		94.0	
Boulder Ridge Drive - SAN MH 354 to SAN MH 355		125.0	
Boulder Ridge Drive - SAN MH 350, 351, 352, 353, 354, & 355			6.0
Cobblestone Court - SAN MH 208 to SAN MH 208D		220.0	
Cobblestone Court - SAN MH 208D			1.0
Cobblestone Lane - SAN MH 208C to SAN MH 208B		335.0	
Cobblestone Lane - SAN MH 208B to SAN MH 208A		85.0	
Cobblestone Lane - SAN MH 208A to SAN MH 208		85.0	
Cobblestone Lane - SAN MH 208A, 208B, & 208C			3.0
Rock Ridge Lane - EX SAN MH 14 to SAN MH 300		102.0	
Rock Ridge Lane - SAN MH 300 to SAN MH 302		93.0	
Rock Ridge Lane - SAN MH 300 & 302			2.0
Ridgeview Court - SAN MH 251 to SAN MH 252		41.0	
Ridgeview Court - SAN MH 252 to SAN MH 253		69.0	
Ridgeview Court - SAN MH 253 to SAN MH 254		66.0	
Ridgeview Court - SAN MH 254 to SAN MH 255		320.0	
Ridgeview Court - SAN MH 255 to SAN MH 256		66.0	
Ridgeview Court - SAN MH 256 to SAN MH 257		65.0	
Ridgeview Court - SAN MH 302 to SAN MH 303		290.0	
Ridgeview Court - SAN MH 303 to SAN MH 304		85.0	
Ridgeview Court - SAN MH 252, 253, 254, 255, 256, 257, 303, & 304			8.0
Settlers Ridge Drive - Stub (STA 0+57) to SAN MH 250		133.0	
Settlers Ridge Drive - SAN MH 250 to SAN MH 251		191.0	
Settlers Ridge Drive - SAN MH 250 & 251			2.0
Stone Ridge Court - SAN MH 202 to SAN MH 202A		179.0	
Stone Ridge Court - SAN MH 202A to SAN MH 202B		140.0	
Stone Ridge Court - SAN MH 202A & 202B			2.0
Stone Ridge Drive - SAN MH 27 to SAN MH 200		142.0	
Stone Ridge Drive - SAN MH 200 to SAN MH 201		170.0	
Stone Ridge Drive - SAN MH 201 to SAN MH 202		51.0	
Stone Ridge Drive - SAN MH 202 to SAN MH 203		57.0	
Stone Ridge Drive - SAN MH 203 to SAN MH 204		253.0	
Stone Ridge Drive - SAN MH 204 to SAN MH 205		190.0	
Stone Ridge Drive - SAN MH 205 to SAN MH 206		130.0	
Stone Ridge Drive - SAN MH 206 to SAN MH 207		124.0	
Stone Ridge Drive - SAN MH 207 to SAN MH 208		187.0	
Stone Ridge Drive - SAN MH 200, 201, 202, 203, 204, 205, 206, 207, & 208			9.0
Cobblestone Court - Lot #16	31.0		
Cobblestone Court - Lot #17	62.0		
Cobblestone Court - Lot #18	65.0		
Cobblestone Court - Lot #19	59.0		
Cobblestone Court - Lot #20	57.0		
Cobblestone Court - Lot #21	67.0		
Cobblestone Court - Lot #22	30.0		
Stone Ridge Drive - Lot #23	32.0		
Stone Ridge Drive - Lot #24	34.0		
Stone Ridge Drive - Lot #25	33.0		
Stone Ridge Drive - Lot #36	32.0		
Stone Ridge Court - Lot #37	30.0		
Stone Ridge Court - Lot #38	29.0		
Stone Ridge Court - Lot #39	53.0		
Stone Ridge Court - Lot #40	69.0		
Stone Ridge Court - Lot #41	68.0		

CITY OF LAKE GENEVA - SANITARY SEWER ACCEPTED IN 2022

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase II A (installed in 2019)

Location	4" PVC Lateral (LF)	8" PVC Main (LF)	48" SAN MH (EA)
Stone Ridge Court - Lot #42	58.0		
Stone Ridge Court - Lot #43	67.0		
Stone Ridge Court - Lot #44	59.0		
Stone Ridge Court - Lot #45	32.0		
Stone Ridge Drive - Lot #46	32.0		
Stone Ridge Drive - Lot #47	31.0		
Stone Ridge Drive - Lot #48	32.0		
Settlers Ridge Drive - Lot #77	37.0		
Settlers Ridge Drive - Lot #78	35.0		
Settlers Ridge Drive - Lot #79	37.0		
Rock Ridge Lane - Lot #80	30.0		
Boulder Ridge Drive - Lot #109	32.0		
Boulder Ridge Drive - Lot #110	32.0		
Boulder Ridge Drive - Lot #111	34.0		
Boulder Ridge Drive - Lot #112	35.0		
Boulder Ridge Drive - Lot #113	32.0		
Boulder Ridge Drive - Lot #114	32.0		
Boulder Ridge Drive - Lot #115	32.0		
Boulder Ridge Drive - Lot #116	38.0		
Boulder Ridge Drive - Lot #117	32.0		
Cobblestone Lane - Lot #118	31.0		
Cobblestone Lane - Lot #119	32.0		
Stone Ridge Drive - Lot #120	29.0		
Stone Ridge Drive - Lot #121	29.0		
Stone Ridge Drive - Lot #122	27.0		
Stone Ridge Drive - Lot #123	30.0		
Stone Ridge Drive - Lot #124	30.0		
Stone Ridge Drive - Lot #125	30.0		
Stone Ridge Drive - Lot #126	30.0		
Stone Ridge Drive - Lot #127	30.0		
Stone Ridge Drive - Lot #128	30.0		
Stone Ridge Drive - Lot #129	30.0		
Stone Ridge Drive - Lot #130	30.0		
Stone Ridge Drive - Lot #131	31.0		
Ridgeview Court - Lot #134	36.0		
Ridgeview Court - Lot #135	40.0		
Ridgeview Court - Lot #136	32.0		
Ridgeview Court - Lot #137	32.0		
Rock Ridge Lane - Lot #138	34.0		
Ridgeview Court - Lot #139	38.0		
Settlers Ridge Drive - Lot #140	24.0		
Settlers Ridge Drive - Lot #141	25.0		
Cobblestone Lane - Lot #149	31.0		
Cobblestone Lane - Lot #150	31.0		
Cobblestone Lane - Lot #151	32.0		
Cobblestone Lane - Lot #152	34.0		
Cobblestone Lane - Lot #153	31.0		
Ridgeview Court - Lot #154	34.0		
Ridgeview Court - Lot #155	32.0		
Ridgeview Court - Lot #156	32.0		
Ridgeview Court - Lot #157	32.0		
Ridgeview Court - Lot #158	36.0		
Ridgeview Court - Lot #159	35.0		
Ridgeview Court - Lot #160	35.0		
Boulder Ridge Drive - Lot #161	30.0		
Boulder Ridge Drive - Lot #162	30.0		
Boulder Ridge Drive - Lot #163	28.0		

CITY OF LAKE GENEVA - SANITARY SEWER ACCEPTED IN 2022

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase II A (installed in 2019)

Location	4" PVC Lateral (LF)	8" PVC Main (LF)	48" SAN MH (EA)
Boulder Ridge Drive - Lot #164	30.0		
Boulder Ridge Drive - Lot #165	30.0		
Boulder Ridge Drive - Lot #166	30.0		
Boulder Ridge Drive - Lot #167	30.0		
Cobblestone Lane - Lot #168	28.0		
Quantity Total	2811.0	4603.0	33.0
Estimated cost per unit	\$ 55.00	\$ 65.00	\$ 3,500.00
Cost Total	\$154,605.00	\$299,195.00	\$115,500.00

TOTAL SANITARY SEWER COST \$ - ACCEPTED IN 2022 \$ 569,300.00 \$414,695.00

CITY OF LAKE GENEVA - WATERMAIN ACCEPTED IN 2022

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase II A (installed in 2019)

Location	6" Hydrant Lead (LF)	6" PVC Main (LF)	8" PVC Main (LF)	6" Wat. Hyd. Valve (EA)	8" Water Valve (EA)	Hydrant (EA)
Boulder Ridge Drive - Stub (STA 12+10) to 8"x8" Tee @ Cobblestone Lane	25.0		898.0	2.0	2.0	2.0
Cobblestone Court - 8"x8" Cross @ Stone Ridge Drive to HYD (STA 10+78)	3.0		246.0	1.0	1.0	1.0
Cobblestone Lane - 8"x8" Tee @ Ridgeview Court to 8"x8" Cross @ Stone Ridge Drive	16.0		723.0	1.0	2.0	1.0
Ridgeview Court - Loop around Roadway	25.0		1374.0	2.0	4.0	2.0
Rock Ridge Lane - Stub (STA 5+46) to 8"x8" Tee @ Ridgeview Court			183.0		1.0	
Settlers Ridge Drive - Stub (STA 0+58) to 8"x8" Tee @ Ridgeview Court	14.9		309.0	1.0	1.0	1.0
Stone Ridge Court - 8"x8" Tee @ Stone Ridge Drive to HYD (STA 3+49)	3.0		339.0	1.0	1.0	1.0
Stone Ridge Drive - Stub (STA 26+34) to Temp HYD (STA 40+00)	51.3		1368.0	4.0	5.0	4.0
Stonemill Lane - 8"x8" Tee @ Ridgeview Court to Stub (STA 1+50)			155.0			
Quantity Total	138.2	0.0	5595.0	12.0	17.0	12.0
Estimated cost per unit	\$ 74.00	\$ -	\$ 55.00	\$ 1,000.00	\$ 1,500.00	\$ 5,200.00
Cost Total	\$ 10,226.80	\$ -	\$307,725.00	\$ 12,000.00	\$ 25,500.00	\$ 62,400.00

TOTAL WATERMAIN COST \$ - ACCEPTED IN 2022**\$ 417,851.80**

CITY OF LAKE GENEVA - WATER SERVICES* ACCEPTED 2022

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase II A (installed in 2019)

Location	1" PVC Service (LF)	Curb & Corp Stops (EA)
Cobblestone Court - Lot #16	23.0	1.0
Cobblestone Court - Lot #17	56.0	1.0
Cobblestone Court - Lot #18	53.0	1.0
Cobblestone Court - Lot #19	43.0	1.0
Cobblestone Court - Lot #20	72.0	1.0
Cobblestone Court - Lot #21	74.0	1.0
Cobblestone Court - Lot #22	39.0	1.0
Stone Ridge Drive - Lot #23	21.0	1.0
Stone Ridge Drive - Lot #24	24.0	1.0
Stone Ridge Drive - Lot #25	24.0	1.0
Stone Ridge Drive - Lot #36	22.0	1.0
Stone Ridge Court - Lot #37	22.0	1.0
Stone Ridge Court - Lot #38	22.0	1.0
Stone Ridge Court - Lot #39	50.0	1.0
Stone Ridge Court - Lot #40	59.0	1.0
Stone Ridge Court - Lot #41	52.0	1.0
Stone Ridge Court - Lot #42	74.0	1.0
Stone Ridge Court - Lot #43	77.0	1.0
Stone Ridge Court - Lot #44	63.0	1.0
Stone Ridge Court - Lot #45	40.0	1.0
Stone Ridge Drive - Lot #46	20.0	1.0
Stone Ridge Drive - Lot #47	20.0	1.0
Stone Ridge Drive - Lot #48	18.0	1.0
Settlers Ridge Drive - Lot #77	27.0	1.0
Settlers Ridge Drive - Lot #78	26.0	1.0
Settlers Ridge Drive - Lot #79	30.0	1.0
Rock Ridge Drive - Lot #80	20.0	1.0
Boulder Ridge Drive - Lot #109	24.0	1.0
Boulder Ridge Drive - Lot #110	24.0	1.0
Boulder Ridge Drive - Lot #111	26.0	1.0
Boulder Ridge Drive - Lot #112	27.0	1.0
Boulder Ridge Drive - Lot #113	24.0	1.0
Boulder Ridge Drive - Lot #114	24.0	1.0
Boulder Ridge Drive - Lot #115	24.0	1.0
Boulder Ridge Drive - Lot #116	29.0	1.0
Boulder Ridge Drive - Lot #117	24.0	1.0
Cobblestone Lane - Lot #118	39.0	1.0
Cobblestone Lane - Lot #119	39.0	1.0
Stone Ridge Drive - Lot #120	39.0	1.0
Stone Ridge Drive - Lot #121	38.0	1.0
Stone Ridge Drive - Lot #122	37.0	1.0
Stone Ridge Drive - Lot #123	40.0	1.0
Stone Ridge Drive - Lot #124	40.0	1.0
Stone Ridge Drive - Lot #125	40.0	1.0
Stone Ridge Drive - Lot #126	40.0	1.0
Stone Ridge Drive - Lot #127	40.0	1.0
Stone Ridge Drive - Lot #128	41.0	1.0
Stone Ridge Drive - Lot #129	42.0	1.0

CITY OF LAKE GENEVA - WATER SERVICES* ACCEPTED 2022

Prepared by: Kapur & Associates, Inc.

Stone Ridge Phase II A (installed in 2019)

Location	1" PVC Service (LF)	Curb & Corp Stops (EA)
Stone Ridge Drive - Lot #130	41.0	1.0
Stone Ridge Drive - Lot #131	44.0	1.0
Ridgeview Court - Lot #134	29.0	1.0
Ridgeview Court - Lot #135	31.0	1.0
Ridgeview Court - Lot #136	24.0	1.0
Ridgeview Court - Lot #137	24.0	1.0
Rock Ridge Drive - Lot #138	43.0	1.0
Ridgeview Court - Lot #139	29.0	1.0
Settlers Ridge Drive - Lot #140	24.0	1.0
Settlers Ridge Drive - Lot #141	25.0	1.0
Cobblestone Lane - Lot #149	24.0	1.0
Cobblestone Lane - Lot #150	23.0	1.0
Cobblestone Lane - Lot #151	24.0	1.0
Cobblestone Lane - Lot #152	26.0	1.0
Cobblestone Lane - Lot #153	24.0	1.0
Ridgeview Court - Lot #154	29.0	1.0
Ridgeview Court - Lot #155	24.0	1.0
Ridgeview Court - Lot #156	24.0	1.0
Ridgeview Court - Lot #157	24.0	1.0
Ridgeview Court - Lot #158	29.0	1.0
Ridgeview Court - Lot #159	28.0	1.0
Ridgeview Court - Lot #160	26.0	1.0
Boulder Ridge Drive - Lot #161	38.0	1.0
Boulder Ridge Drive - Lot #162	38.0	1.0
Boulder Ridge Drive - Lot #163	37.0	1.0
Boulder Ridge Drive - Lot #164	38.0	1.0
Boulder Ridge Drive - Lot #165	38.0	1.0
Boulder Ridge Drive - Lot #166	38.0	1.0
Boulder Ridge Drive - Lot #167	38.0	1.0
Cobblestone Lane - Lot #168	36.0	1.0
Quantity Total	2692.0	78.0
Estimated cost per unit	\$ 30.00	\$ 450.00
Cost Total	\$ 80,760.00	\$ 35,100.00

TOTAL WATER SERVICES COST \$ - ACCEPTED 2022 \$ 115,860.00**NOTE: Water Service lengths are measured to Right of Way*



Lake Geneva



Legend

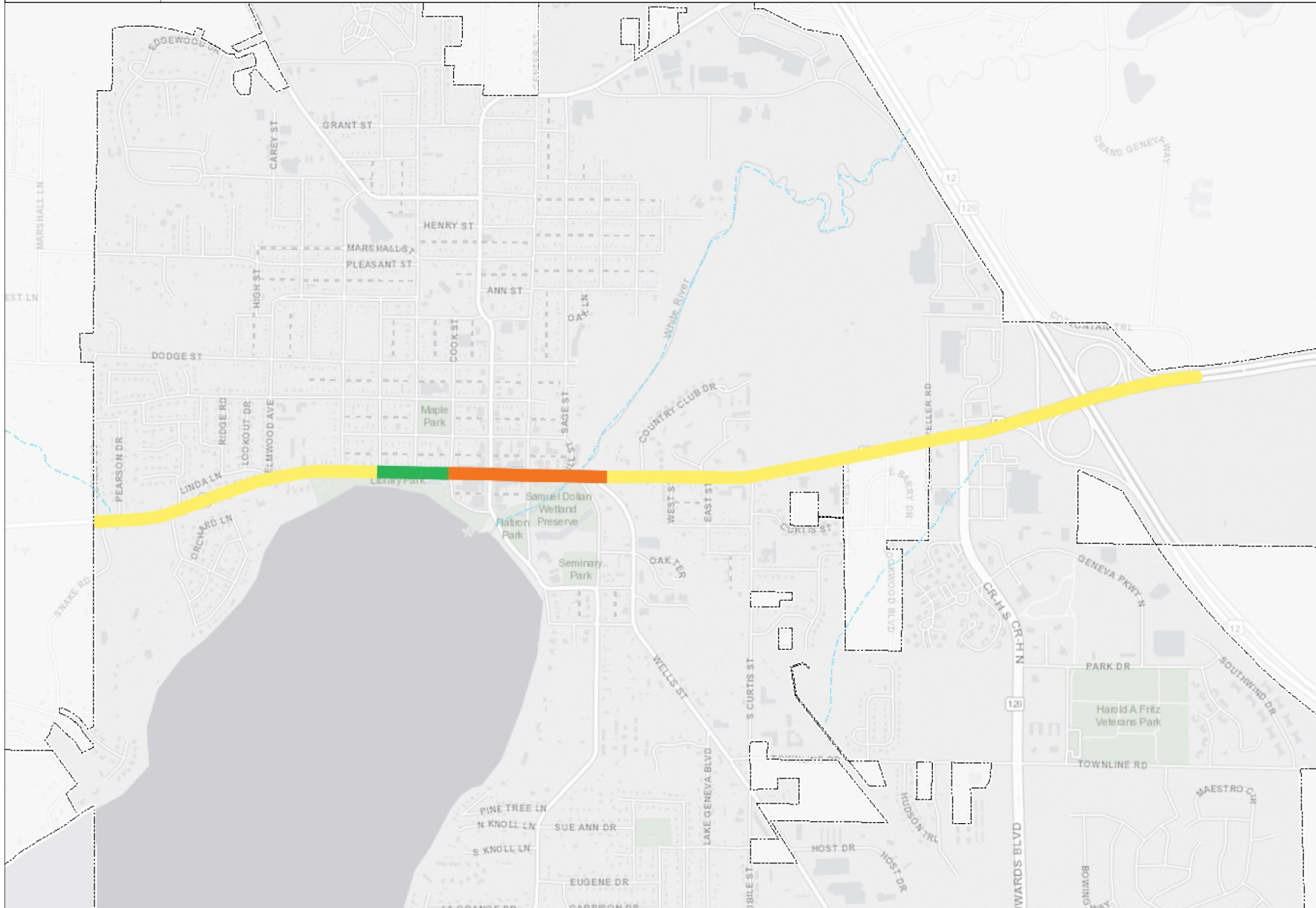
- County Municipalities
- Alley
- Hydrology
- ETZ
- City Limits

Data on this map may or may not be accurate, current, or otherwise reliable. For reference only.

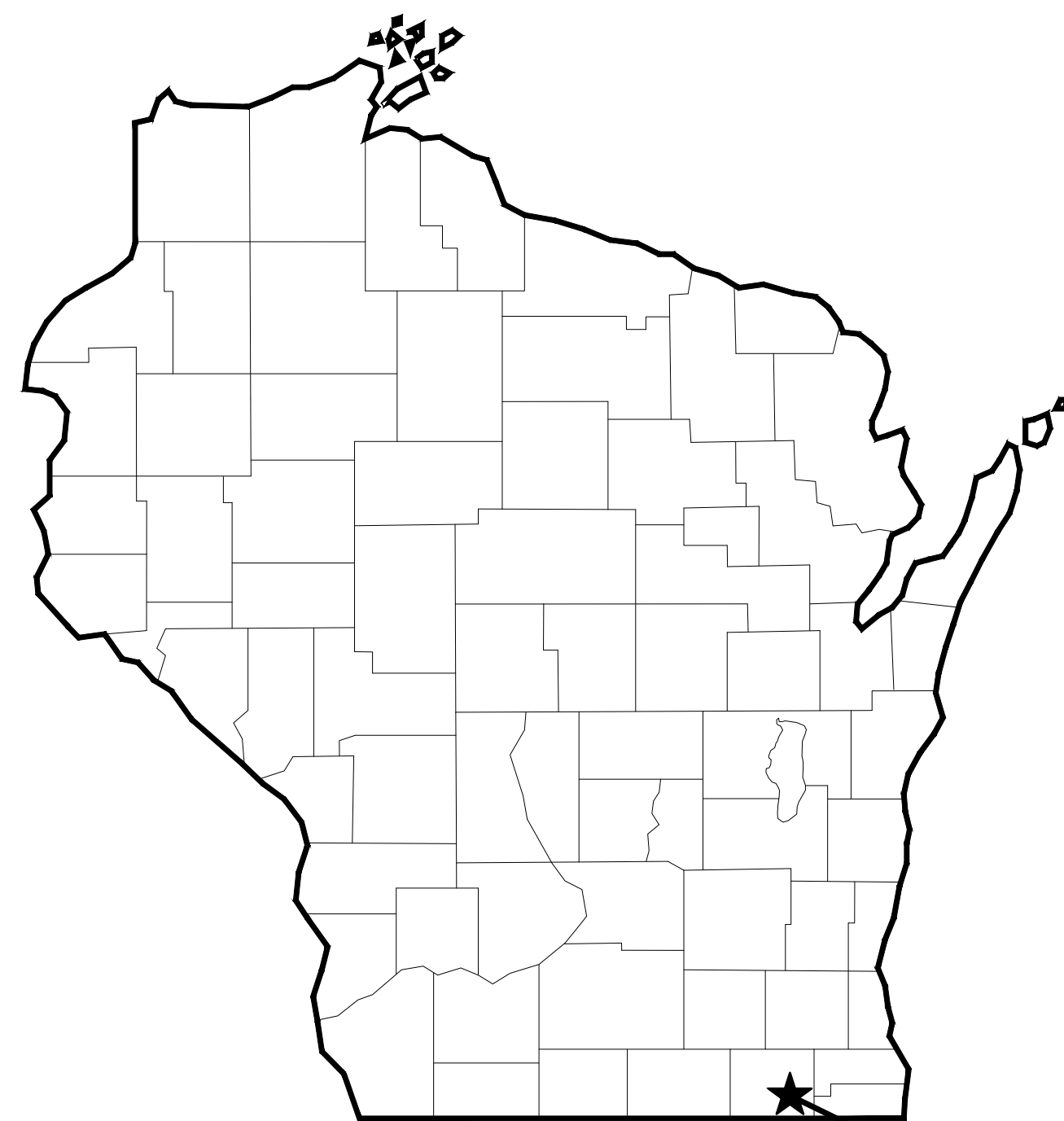
Note

0 893.39 1,736.8
Feet

© Kapur and Associates, Inc. 09/16/2022

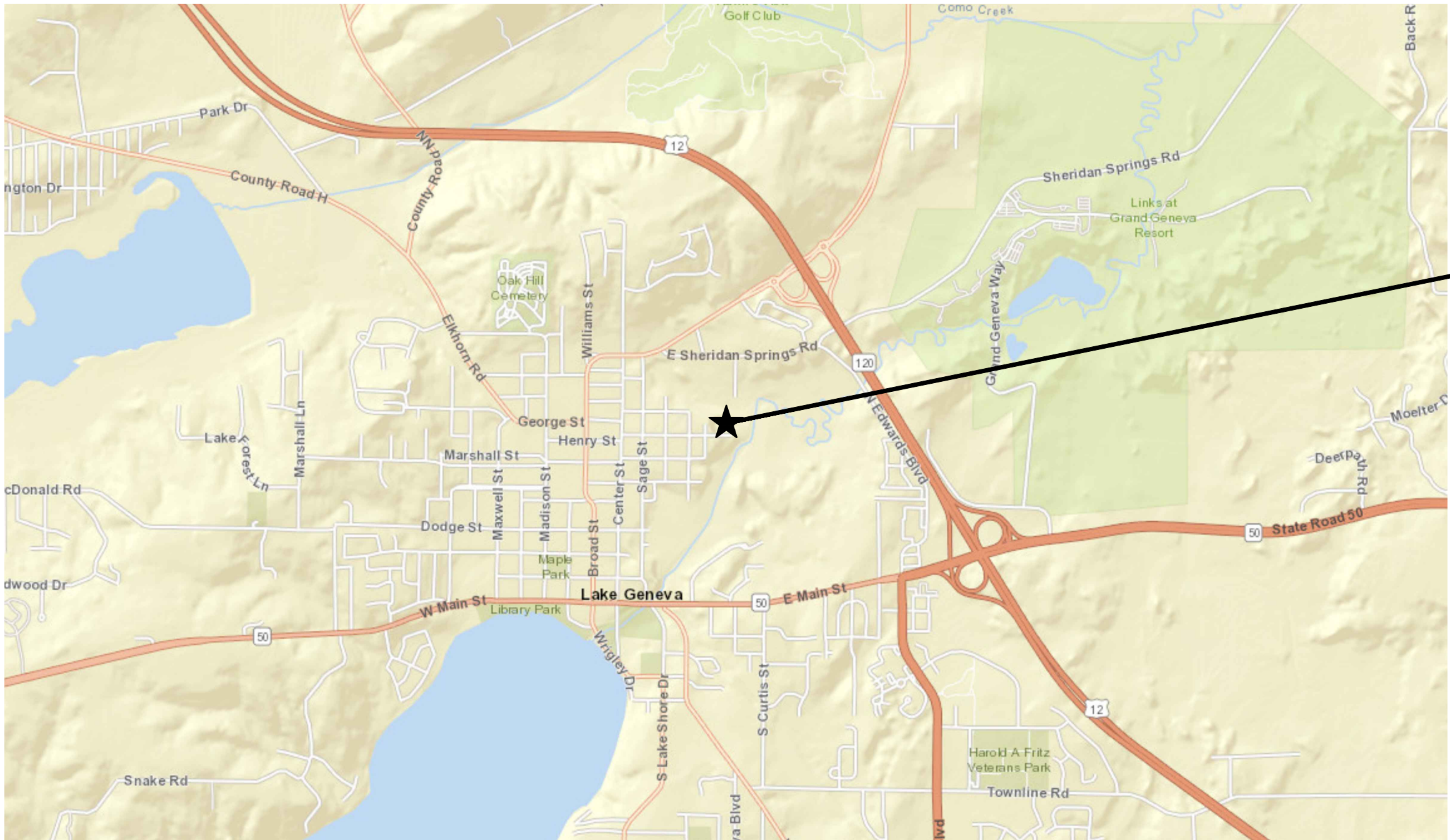


**WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
FOR THE
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN**



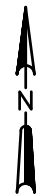
LOCATION MAP
NO SCALE

**SITE
LOCATION**



**WWTP
191 HASKINS STREET
LAKE GENEVA, WI 53147**

LOCATION MAP
NO SCALE



**910 West Wingra Drive
Madison, WI 53715
608-251-4843
608-251-8655 fax
www.strand.com**

CONTRACT 1-2022



ISSUED FOR OWNER REVIEW, 10/20/2022

**SHEET
1
00-G0.01**

DRAWING LIST

SHEET NO.	DRAWING NO.	TITLE
00 - GENERAL		
1	00-G0.01	TITLE SHEET AND LOCATION PLAN
2	00-G0.02	LIST OF DRAWINGS AND DESIGN CRITERIA
3	00-G0.03	STANDARD SYMBOLS - 1
4	00-G0.04	STANDARD SYMBOLS - 2
5	00-G0.05	ABBREVIATIONS
05 - WWTP SITE		
6	05-CD1.01	SITE - DEMOLITION PLAN
7	05-CME1.01	SITE - LOCATION, GRADING, YARD PIPING, AND ELECTRICAL PLAN
80 - BELT FILTER PRESS AND HAULED WASTE RECEIVING BUILDING		
8	80-D1.01	HAULED WASTE RECEIVING FACILITY - BUILDING DEMOLITION - FLOOR PLAN
9	80-D1.02	HAULED WASTE RECEIVING FACILITY - BUILDING DEMOLITION - EQUIPMENT PLATFORM AND ROOF PLANS
10	80-ASM1.01	HAULED WASTE RECEIVING FACILITY - LIFE SAFETY PLAN AND CODE SUMMARY
11	80-ASM1.02	HAULED WASTE RECEIVING FACILITY - FLOOR PLAN
12	80-ASM1.03	HAULED WASTE RECEIVING FACILITY - EQUIPMENT PLATFORM AND ROOF PLANS
13	80-ASM3.01	HAULED WASTE RECEIVING FACILITY - SECTIONS AND DETAILS
14	80-HP1.01	HAULED WASTE RECEIVING FACILITY - HVAC AND PLUMBING - FLOOR PLAN
15	80-HP1.02	HAULED WASTE RECEIVING FACILITY - HVAC AND PLUMBING - EQUIPMENT PLATFORM PLAN
16	80-P7.01	HAULED WASTE RECEIVING FACILITY - PLUMBING SCHEMATICS
17	80-E1.01	HAULED WASTE RECEIVING FACILITY - ELECTRICAL - FLOOR PLAN
18	80-E1.02	HAULED WASTE RECEIVING FACILITY - ELECTRICAL - EQUIPMENT PLATFORM AND ROOF PLANS
99 - SCHEDULES AND DETAILS		
19	99-C5.01	CIVIL DETAILS
20	99-ASM5.01	ARCHITECTURAL/STRUCTURAL/MECHANICAL DETAILS - 1
21	99-ASM5.02	ARCHITECTURAL/STRUCTURAL/MECHANICAL DETAILS - 2
22	99-ASM6.01	ARCHITECTURAL/STRUCTURAL/MECHANICAL SCHEDULES
23	99-PH5.01	PLUMBING AND HVAC DETAILS
24	99-PH6.01	PLUMBING AND HVAC SCHEDULES AND DETAILS
25	99-E5.01	ELECTRICAL DETAILS
26	99-E6.01	ELECTRICAL ONE-LINE DIAGRAMS AND SCHEDULES

STRUCTURE IDENTIFICATION

- 05 - WWTP SITE
- 10 - SERVICE BUILDING
- 25 - AERATION BASINS
- 40 - RAS/WAS PUMP BUILDING
- 50 - EFFLUENT PUMP STATION
- 60 - SLUDGE STORAGE BUILDING
- 70 - STORAGE BUILDING
- 80 - BELT FILTER PRESS AND HAULED WASTE RECEIVING BUILDING
- 85 - CAKE SLUDGE STORAGE BUILDING
- 90 - STORAGE BUILDING

DISCIPLINE DESIGNATIONS

- G - GENERAL
- N - P&ID
- C - CIVIL
- D - DEMOLITION
- L - LANDSCAPE
- A - ARCHITECTURAL
- S - STRUCTURAL
- H - HEATING, VENTILATION AND AIR CONDITIONING
- M - PROCESS/MECHANICAL
- F - FIRE PROTECTION AND SUPPRESSION
- P - PLUMBING
- E - ELECTRICAL
- W - CIVIL WORKS

SHEET TYPE DESIGNATORS

- 0 - GENERAL (SYMBOLS, ABBREVIATIONS, ETC.)
- 1 - PLANS
- 2 - ELEVATIONS
- 3 - SECTIONS
- 4 - LARGE SCALE VIEWS
- 5 - DETAILS
- 6 - SCHEDULES AND DIAGRAMS
- 7 - SCHEMATICS
- 8 - SCHEDULES AND DETAILS

UNIT DESIGN CRITERIA

A. HAULED WASTE RECEIVING SYSTEM	
NUMBER OF UNITS	1
TYPE	ROTARY DRUM SCREEN WITH INCLINED SCREW CONVEYOR
SCREEN OPENING SIZE	1/4 - INCH (6 MM)
DRIVE MOTOR	2 HP
FLOW CAPACITY	1,000 GPM (CLEAN WATER FLOW), 700 GPM (3% TO 6% TOTAL SOLIDS)
SCREENING CAPACITY	74 CUBIC FEET PER HOUR
AUGER INCLINE ANGLE	35-DEGREES FROM HORIZONTAL
INLET PRESSURE	15 PSI (MAXIMUM)
INLET PIPE SIZE	4 - INCH
ROCK TRAP	1
OUTLET PIPE SIZE	12 - INCH
INLET FLOW METER	INLINE MAGNETIC
QUALITY MONITORING	pH AND CONDUCTIVITY METERS

LIST OF DRAWINGS AND DESIGN CRITERIA

WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002

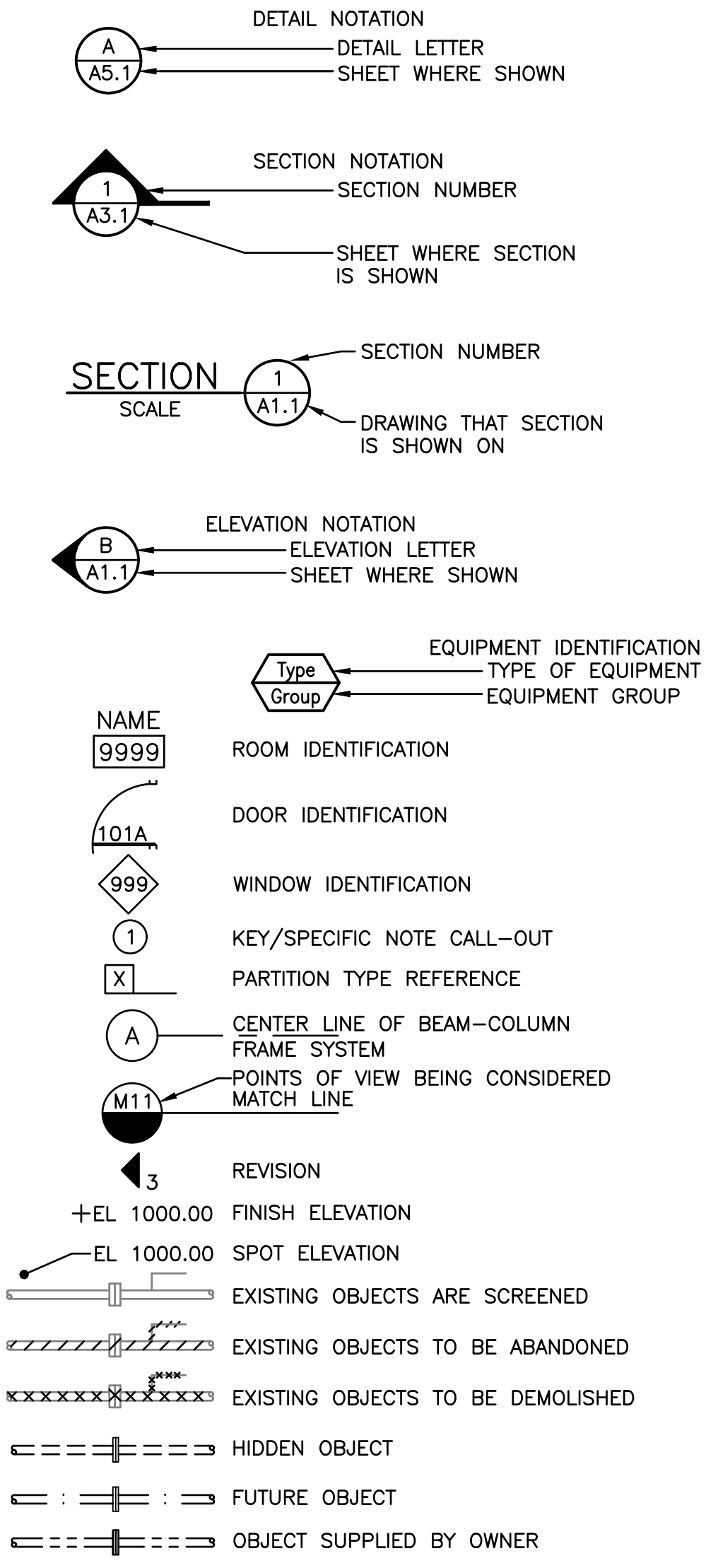
PROJECT MGR.
BRENT SCHUSTER



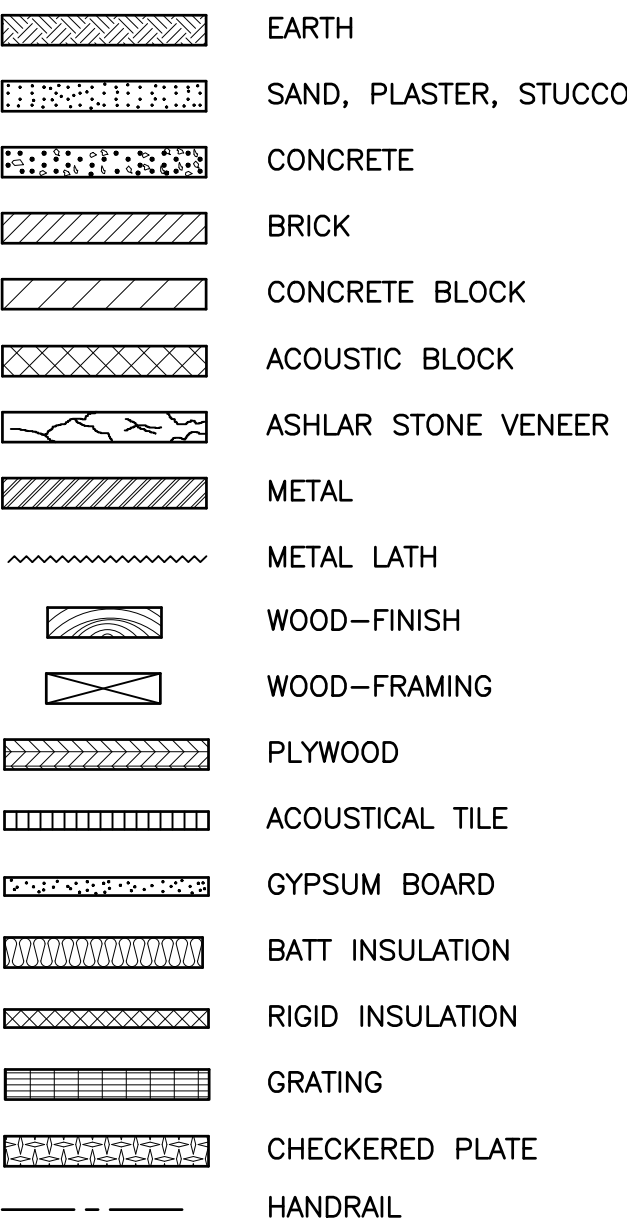
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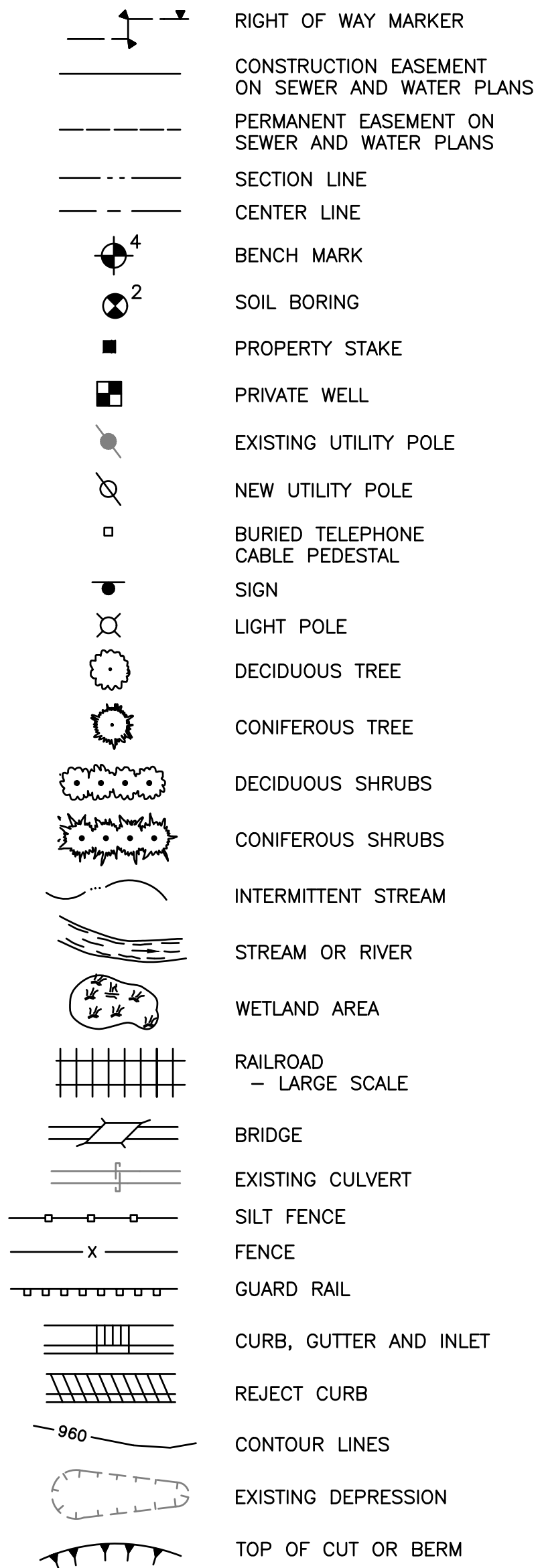
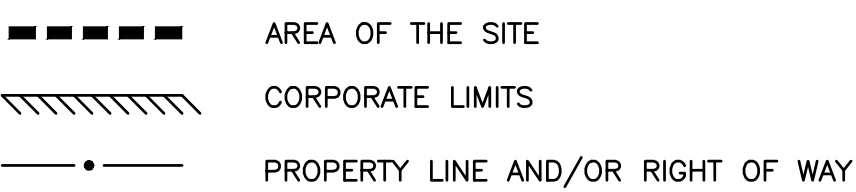
DRAFTING SYMBOLS



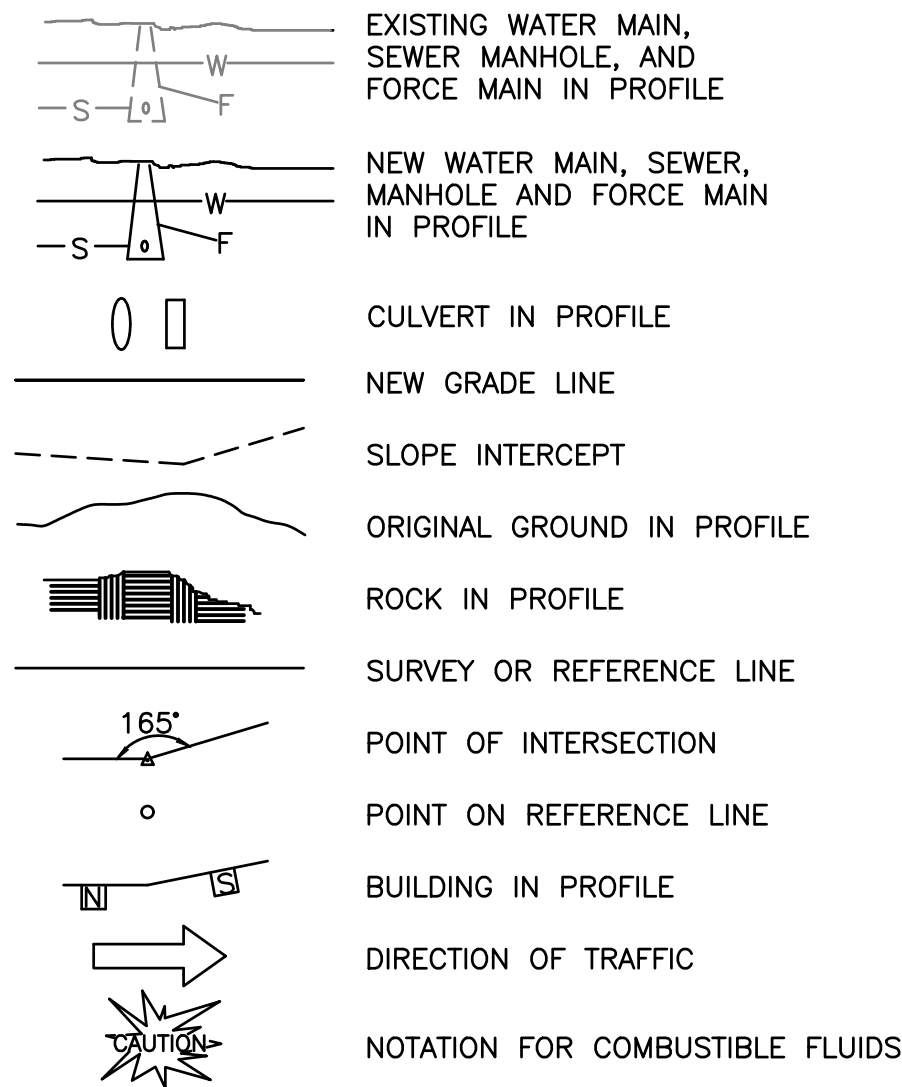
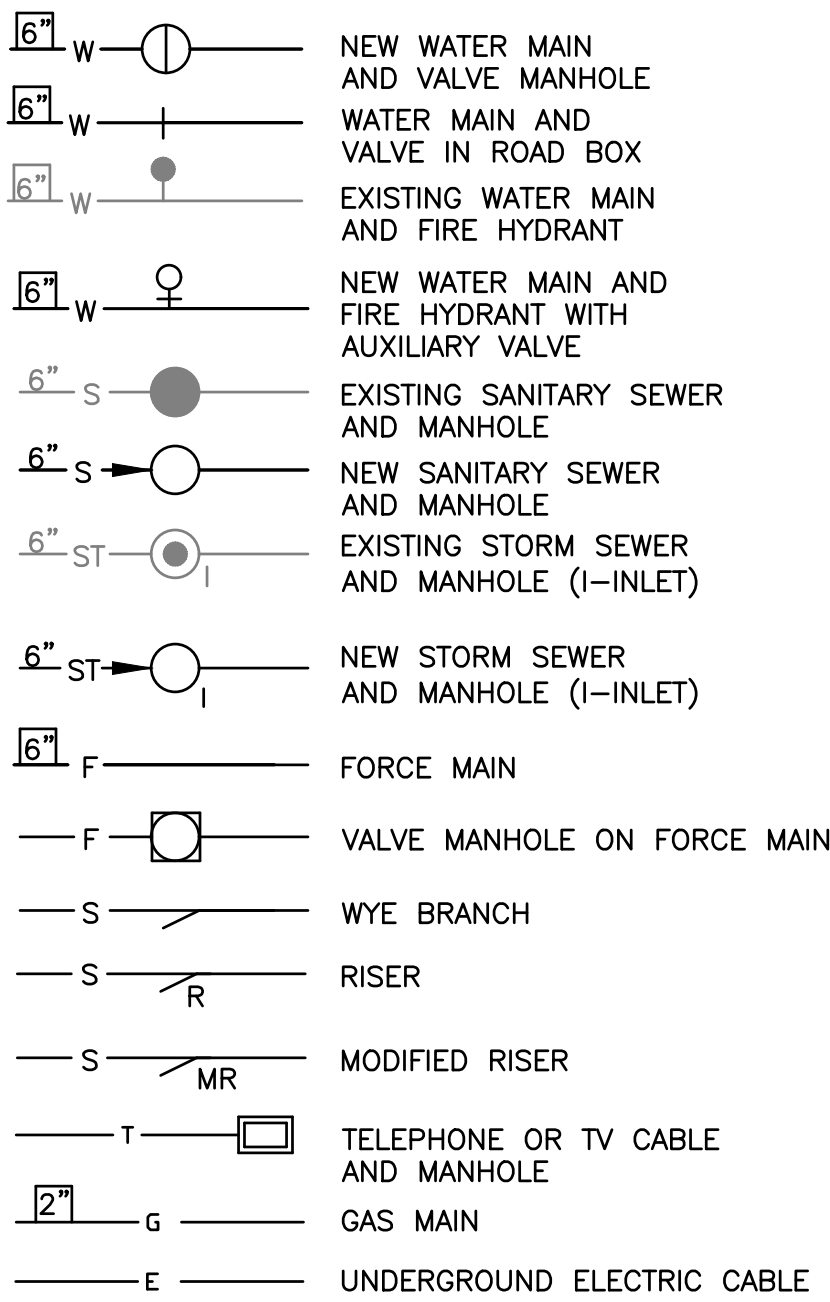
ARCHITECTURAL SYMBOLS



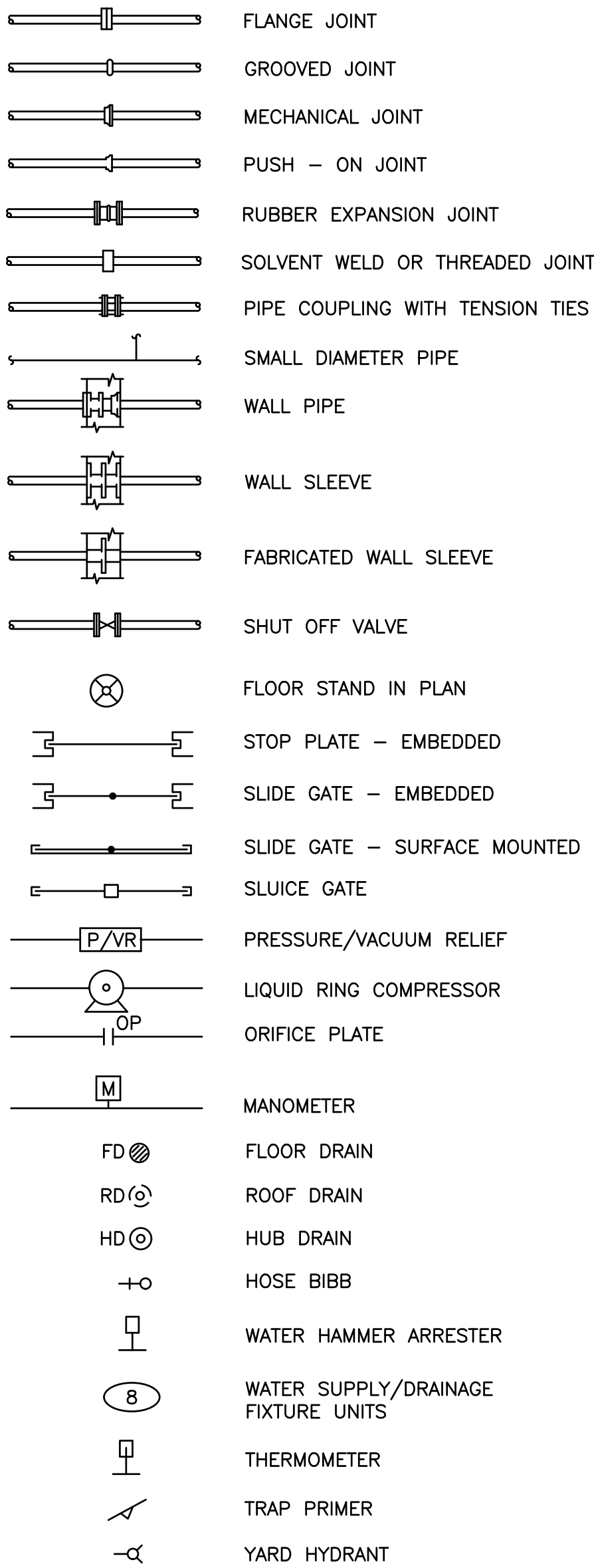
TOPOGRAPHICAL SYMBOLS



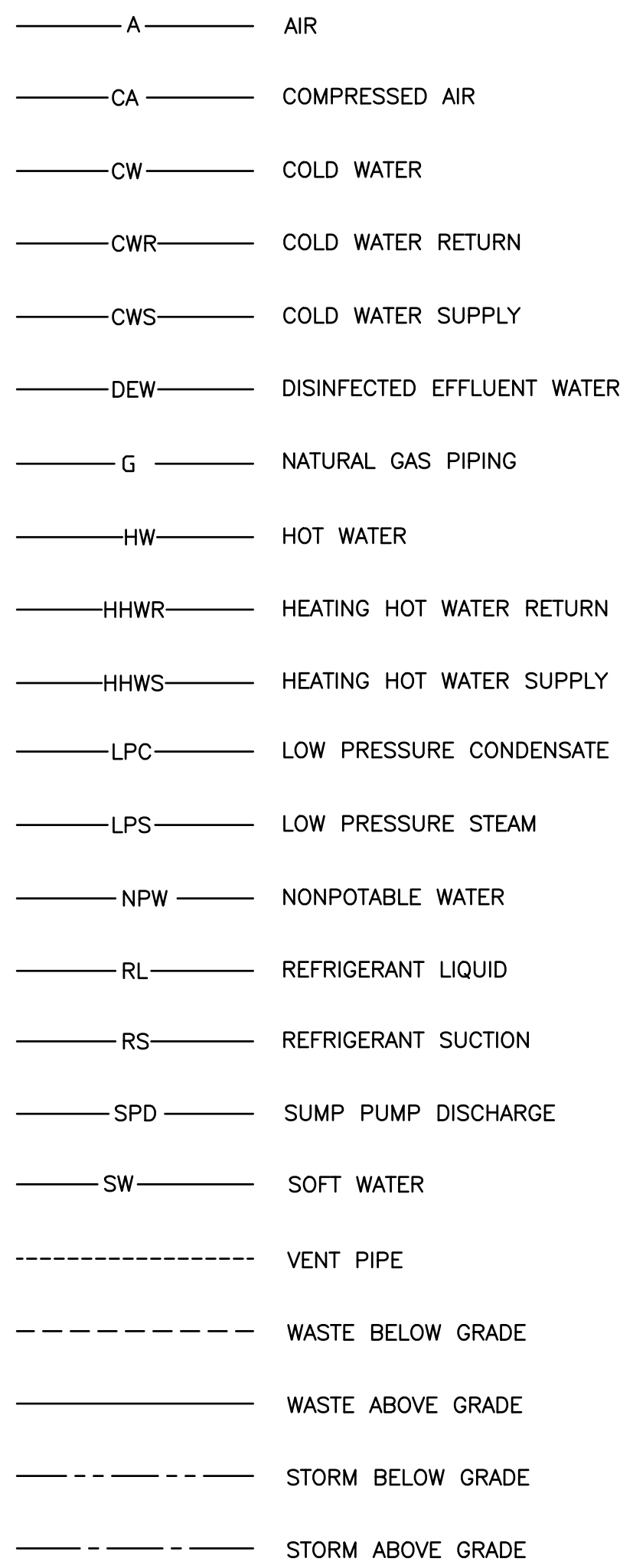
UNDERGROUND UTILITY SYMBOLS



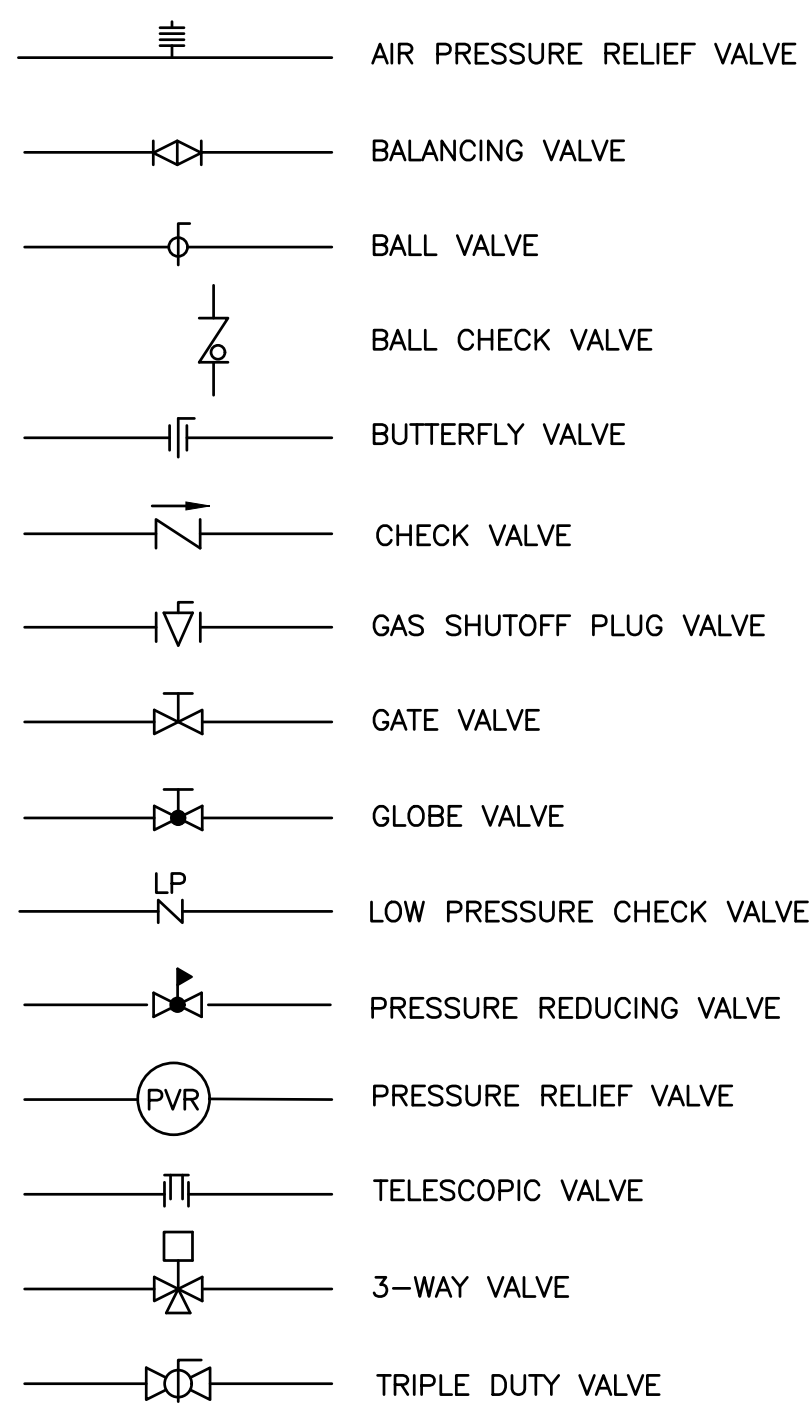
PIPING SYMBOLS



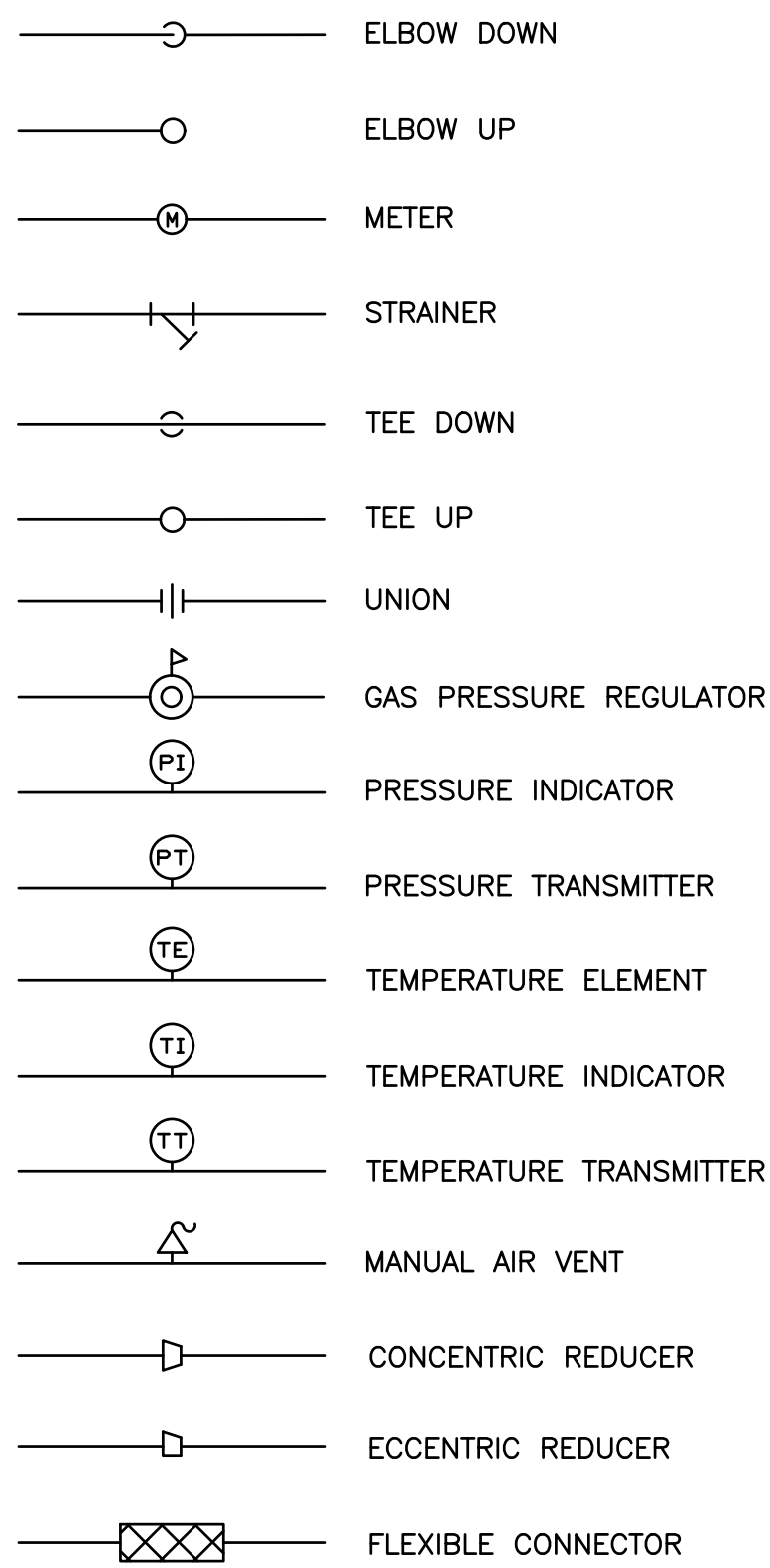
PIPING DESIGNATIONS



VALVE SYMBOLS



PIPING SYMBOLS



STANDARD SYMBOLS - 1

WASTEWATER TREATMENT PLANT

HAULED WASTE RECEIVING FACILITY

LAKE GENEVA UTILITY COMMISSION

CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002

PROJECT MGR.
BRENT SCHUSTER

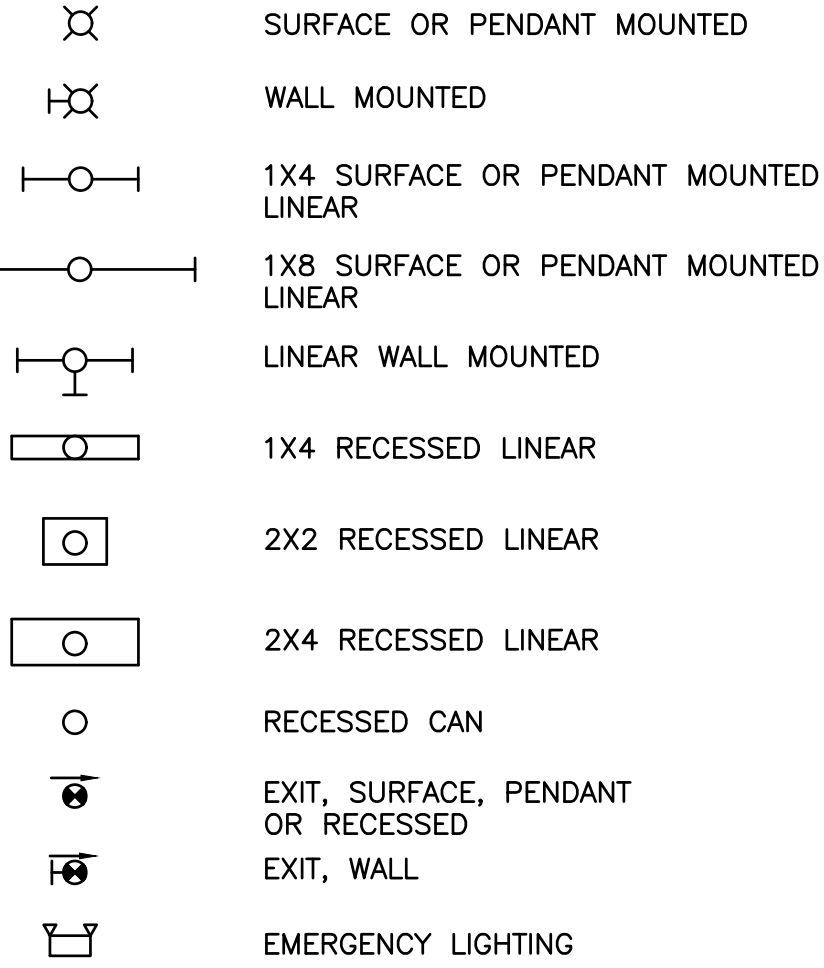
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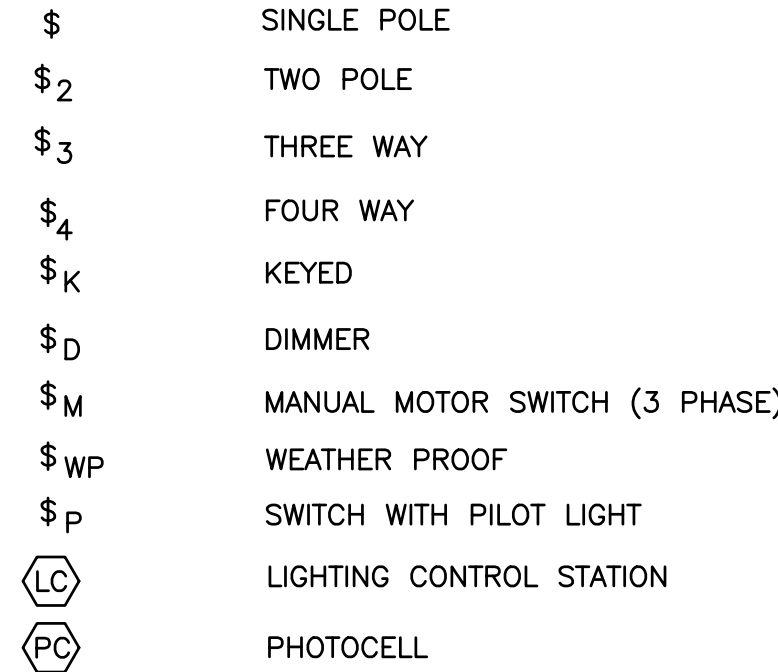
ELECTRICAL SYMBOLS

LIGHTING

FIXTURE SYMBOL (TYPICAL)
A-INDICATES FIXTURE TYPE
2-INDICATES CIRCUIT NUMBER
b-INDICATES SWITCHING
SOLID CIRCLE INDICATES ALWAYS ON



SWITCHES



EQUIPMENT AND WIRING

GROUND CONNECTION (ONE-LINE DIAGRAM)

TRANSFORMER

DISCONNECT, F=FUSED, B=CIRCUIT BREAKER, BLANK=NON-FUSED

MOTOR STARTER MAGNETIC

CIRCUIT BREAKER COMBINATION STARTER

JUNCTION BOX

LINE VOLTAGE THERMOSTAT

LINE VOLTAGE THERMOSTAT W/REMOTE BULB

480V LOAD, REFER TO MCC SCHEDULE FOR EQUIPMENT NUMBER

VARIABLE FREQUENCY DRIVE

SITE SYMBOLS

UNDERGROUND ELECTRIC

OVERHEAD ELECTRIC

CABLE TELEVISION SERVICE

TELEPHONE SERVICE

FIBER OPTIC CABLE

UTILITY POLE

POWER SYMBOLS

CIRCUIT NUMBER (TYPICAL)
OTHERWISE SHOWN PANEL DESIGNATION (TYP.)
2-INDICATES CIRCUIT NUMBER
b-INDICATES WEATHERPROOF
DUPLX, 125 VOLT, WP
INDICATES WEATHERPROOF

DUPLX, 125 VOLT, ABOVE FURNITURE
DOUBLE DUPLEX, 125 VOLT, ABOVE FURNITURE
DOUBLE DUPLEX, 125 VOLT

SINGLE CONVENIENCE, 125 VOLT FOR ELECTRIC WATER COOLER
EXPLOSION-PROOF, ABOVE FURNITURE
EXPLOSION-PROOF

FIXED EQUIPMENT CONNECTION
POWER OUTLET, VOLTAGE & AMPERAGE AS INDICATED

AUTOMATIC TRANSFER SWITCH (ONE-LINE DIAGRAM)
CIRCUIT BREAKER (ONE-LINE DIAGRAM)

METER (ONE-LINE DIAGRAM)
PANELBOARD

INSTRUMENTATION EQUIPMENT

ANALYSIS ELEMENT
ANALYSIS INDICATING TRANSMITTER, * DO=DISSOLVED OXYGEN, PH=PH, TRB=TURBIDITY, TSS=TOTAL SUSPENDED SOLIDS, GD=GAS DETECTOR, CA=CHLORINE ANALYZER, OP=OXYGEN PURITY, ORP=OXYGEN-REDUCTION POTENTIAL, LEL=LOWER EXPLOSIVE LIMIT, PR=PROXIMITY, MST=MOISTURE

CONTROL SWITCH DEVICE TYPE (SEE MCC SCHEDULE)

DENSITY ELEMENT
DENSITY INDICATING TRANSMITTER

FLOW ELEMENT

FLOW INDICATING TRANSMITTER, * M=MAGNETIC, TM= THERMAL MASS DP=DIFFERENTIAL PRESSURE, U=ULTRASONIC

FLOW SWITCH, * P=PADDLE, T=THERMAL, C=CAPACITANCE, A=AIR FLOW

HAND SWITCH, * SS=SAFETY SWITCH

POWER ELEMENT (CURRENT XFMR, POTENTIAL XFMR)

CURRENT SWITCH

POWER INDICATING TRANSMITTER

TIME SWITCH

LEVEL ELEMENT

LEVEL INDICATING TRANSMITTER, * S=SUBMERSIBLE, U=ULTRASONIC, R=RADAR, TL=TANK LEVEL/RING PRESSURE TYPE, F=FLANGE MOUNTED)

LEVEL SWITCH, * C=CONDUCTANCE, F=BALL FLOAT, V=VIBRATING FORK, B=BUILDING FLOODING

LEVEL TRANSDUCER S=SUBMERSIBLE

DIFFERENTIAL PRESSURE INDICATING TRANSMITTER

PRESSURE ELEMENT

PRESSURE INDICATING TRANSMITTER

PRESSURE SWITCH

SPEED SWITCH

TEMPERATURE CONTROLLER

TEMPERATURE ELEMENT, * R=RTD, T=THERMOCOUPLE

TEMPERATURE INDICATING TRANSMITTER

TEMPERATURE CONTROL STATION

TEMPERATURE SWITCH

TEMPERATURE TRANSMITTER

VIBRATION ELEMENT

VIBRATION INDICATING TRANSMITTER

WEIGHT ELEMENT

TORQUE SWITCH

WEIGHT TRANSMITTER (SCALE)

PRESENCE/ABSENCE DETECTOR

POSITION SWITCH, * D=DOOR, L=LIMIT, P=PROXIMITY

SOLENOID VALVE

GAS DETECTION SYSTEM HORN; WALL MOUNT

GAS DETECTION SYSTEM STROBE; WALL MOUNT

TECHNOLOGY SYMBOLS

DATA JACK
PHONE JACK
POTS ANALOG PHONE AND DATA JACKS * = # OF JACKS
WALL MOUNT VOIP PHONE JACK 54" AFF
WALL MOUNT POTS ANALOG PHONE JACK 54" AFF

2-POST DATA RACK

COAX CABLE JACK

POWER POLE

PA SYSTEM HORN; 10'-0" AFF

PA SYSTEM SPEAKER

SPEAKER; CEILING MOUNT A=SPEAKER TYPE

KEY PAD

GLASS BREAK DETECTOR

MOTION SENSOR

PUSH BUTTON

ELECTRIC STRIKE

MAGNETIC LOCK

INTERCOM STATION

OCCUPANCY SENSOR, CEILING, OR WALL

SEE SPECIFICATION FOR SENSOR TYPE

CARD READER

REMOTE VOLUME CONTROL

FIXED SECURITY CAMERA

PAN, TILT, ZOOM SECURITY CAMERA

FIELD MOUNTED HVAC CONTROLS

THERMOSTAT
ROOM HUMIDISTAT
PRESSURE SENSOR
ROOM SENSOR
DUCT SMOKE DETECTOR
PRESSURE GAUGE

ACTUATORS

MOTOR (ELECTRIC)
PNEUMATIC
SOLENOID

EQUIPMENT SYMBOLS

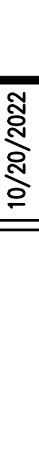
ACCUMULATOR
AIR FLOW DIRECTION
BASE MOUNTED PUMP
BLOWER
CEILING DIFFUSER WITH FLEXIBLE DUCT
CENTRIFUGAL PUMP
CONNECT TO EXISTING
DRIP TRAP
DUCT BOOST COIL
EQUIPMENT TAG
FLAME ARRESTER
FLAME CELL
FLAME TRAP ASSEMBLY
GRINDER
INLINE PUMP
POSITIVE DISPLACEMENT PUMP
ROOF EXHAUST FAN
UNIT HEATER
VARIABLE AIR VOLUME (VAV) BOX WITH ELECTRIC REHEAT COIL
VARIABLE AIR VOLUME (VAV) BOX WITH HEATING HOT WATER REHEAT COIL
FLOATING MIXER
SCREW CONVEYOR

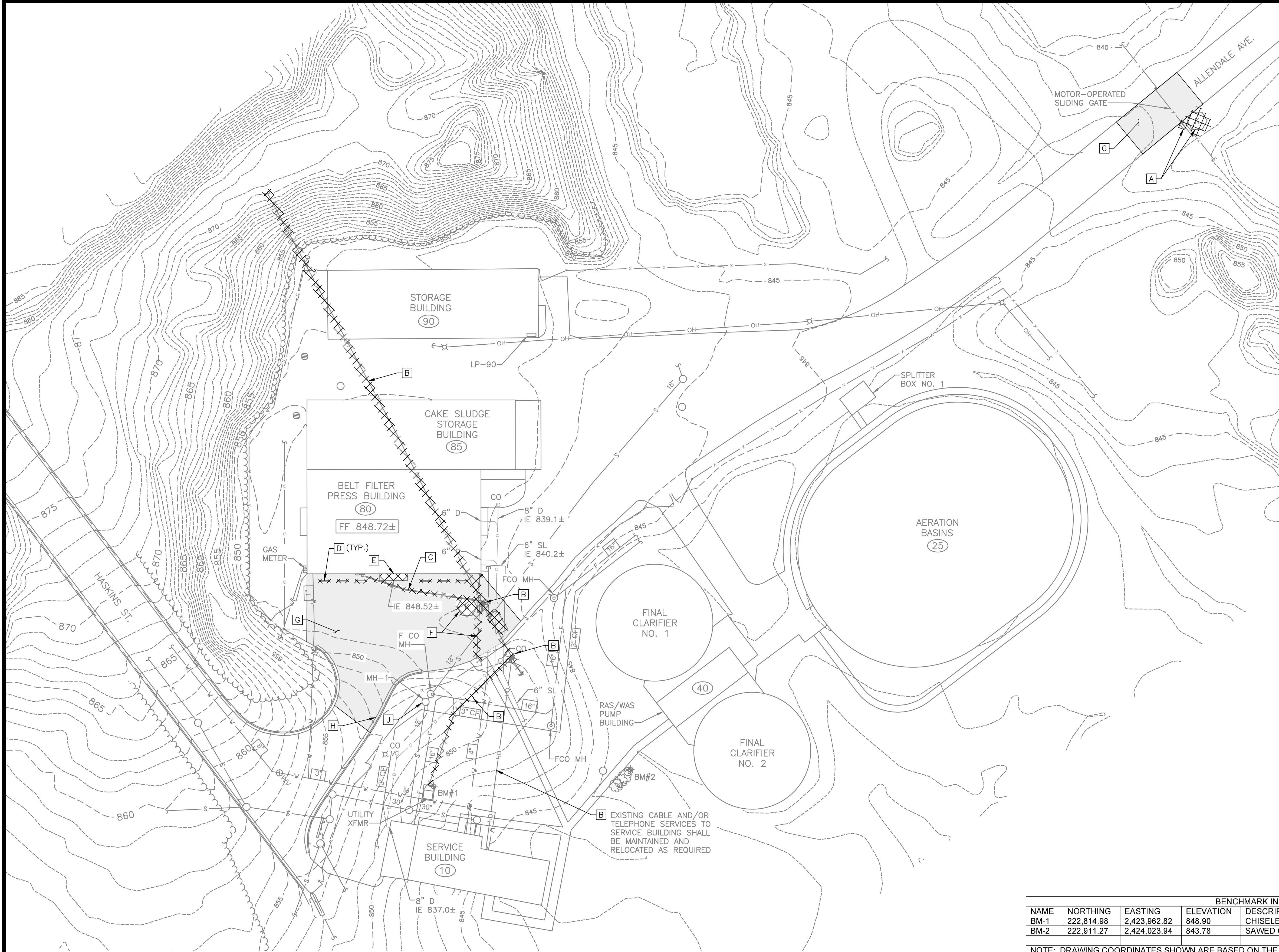
STANDARD SYMBOLS - 2
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER

STRAND ASSOCIATES

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ABBREVIATIONS WASTEWATER TREATMENT PLANT HAULED WASTE RECEIVING FACILITY LAKE GENEVA UTILITY COMMISSION CITY OF LAKE GENEVA, WISCONSIN			JOB NO. 2679.002 PROJECT MGR. BRENT SCHUSTER	
			 STRAND ASSOCIATES®	



- GENERAL NOTES:
- REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIALS ASSOCIATED WITH THE ITEMS BEING REMOVED AS SHOWN ON THIS DRAWING, AS WELL AS ALL EXISTING ELECTRICAL DEVICES, MATERIALS, EQUIPMENT, WIRING, AND EXPOSED CONDUITS NOT BEING REUSED. CONCEALED CONDUITS NOT BEING REUSED SHALL BE CAPPED AND ABANDON IN PLACE.
 - AREA OF THE SITE LIMITS SHALL BE LIMITED TO THE CITY'S WASTEWATER TREATMENT PLANT PROPERTY BOUNDARIES AND WITHIN THE SITE CHAIN LINK FENCE SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL CONFINE IT'S WORK TO THESE LIMITS AS SPECIFIED.

- DEMOLITION KEY NOTES:
- A** REMOVE EXISTING MOTORIZED GATE OPERATOR, KEYPAD, ACCESSORIES, LOOP DETECTORS AND ANY SENSORS ON EXISTING GATE. EXISTING GATE SHALL REMAIN FOR REUSE.
 - B** EXISTING POWER POLE AND TELEPHONE PEDESTAL SHALL BE REMOVED. COORDINATE REMOVAL OF OVERHEAD ELECTRICAL POWER LINES, POWER POLE, TELEPHONE PEDESTAL AND WIRING WITH UTILITY COMPANY. THERE ARE ADDITIONAL UTILITIES CO-LOCATED ON THE EXISTING POLE. COORDINATE REMOVAL OF ADDITIONAL UTILITIES WITH ALLIANT ENERGY. EXISTING TELEPHONE AND CABLE UTILITIES THAT SERVE EXISTING FACILITIES OTHER THAN THE BELT FILTER PRESS BUILDING SHALL BE MAINTAINED AND RELOCATED AS REQUIRED. SEE DRAWING 05-CME1.01.
 - C** REMOVE EXISTING BURIED POWER AND TELEPHONE CABLING BETWEEN POWER POLE/PEDESTAL AND BELT FILTER PRESS BUILDING.
 - D** REMOVE ALL EXISTING PRECAST CONCRETE PARKING BUMPERS.
 - E** REMOVE EXISTING CONCRETE APRON AND MINIMUM OF 12-INCHES OF EXISTING BASE COURSE MATERIAL UNDER SLAB.
 - F** REMOVE EXISTING CHAIN LINK FENCE, SLIDING ENTRY GATE, MOTORIZED GATE OPERATOR, KEYPAD, LOOP DETECTORS, SENSORS AND ASSOCIATED ACCESSORIES. REMOVE ALL ASSOCIATED BURIED CONDUIT IN AREA OF PAVEMENT REMOVAL. CAP ENDS OF REMAINING BURIED CONDUIT OUTSIDE OF PAVEMENT LIMITS.
 - G** REMOVE EXISTING ASPHALT PAVEMENT AND MINIMUM OF 12-INCHES OF EXISTING BASE COURSE UNDER PAVEMENT OR AS REQUIRED FOR NEW CONSTRUCTION OR NEW BASE COURSE. SAWCUT PAVEMENT AS SPECIFIED.
 - H** REMOVE EXISTING CONCRETE CURB AND GUTTER. REMOVE BASE COURSE UNDER CURB AND GUTTER AS REQUIRED FOR NEW BASE COURSE UNDER CURB AND GUTTER.
 - J** CORE HOLE IN EXISTING MANHOLE FOR NEW 12-INCH D PIPING PENETRATION AS SHOWN ON SITE YARD PIPING PLAN.

LEGEND:

DEMO

PAVEMENT OR CURB/GUTTER REMOVAL

BENCHMARK INFORMATION				
NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM-1	222,814.98	2,423,962.82	848.90	CHISELED 'X' IN NW CORNER OF CONCRETE TRANSFORMER PAD
BM-2	222,911.27	2,424,023.94	843.78	SAWED OFF BOLT IN NORTH QUADRANT OF CONCRETE MH SLAB

NOTE: DRAWING COORDINATES SHOWN ARE BASED ON THE STATE PLANE COORDINATES SYSTEM.

MANHOLE SCHEDULE	
MH-1	
RIM EL=	852.26±
18" S IE=	839.74± NW
18" S IE=	839.58± E

DIGGERS HOTLINE

Toll Free (800) 242-8511
Milwaukee Area (414) 259-1181
Hearing Impaired TDD (800) 542-2289
www.DiggersHotline.com

SITE - DEMOLITION PLAN

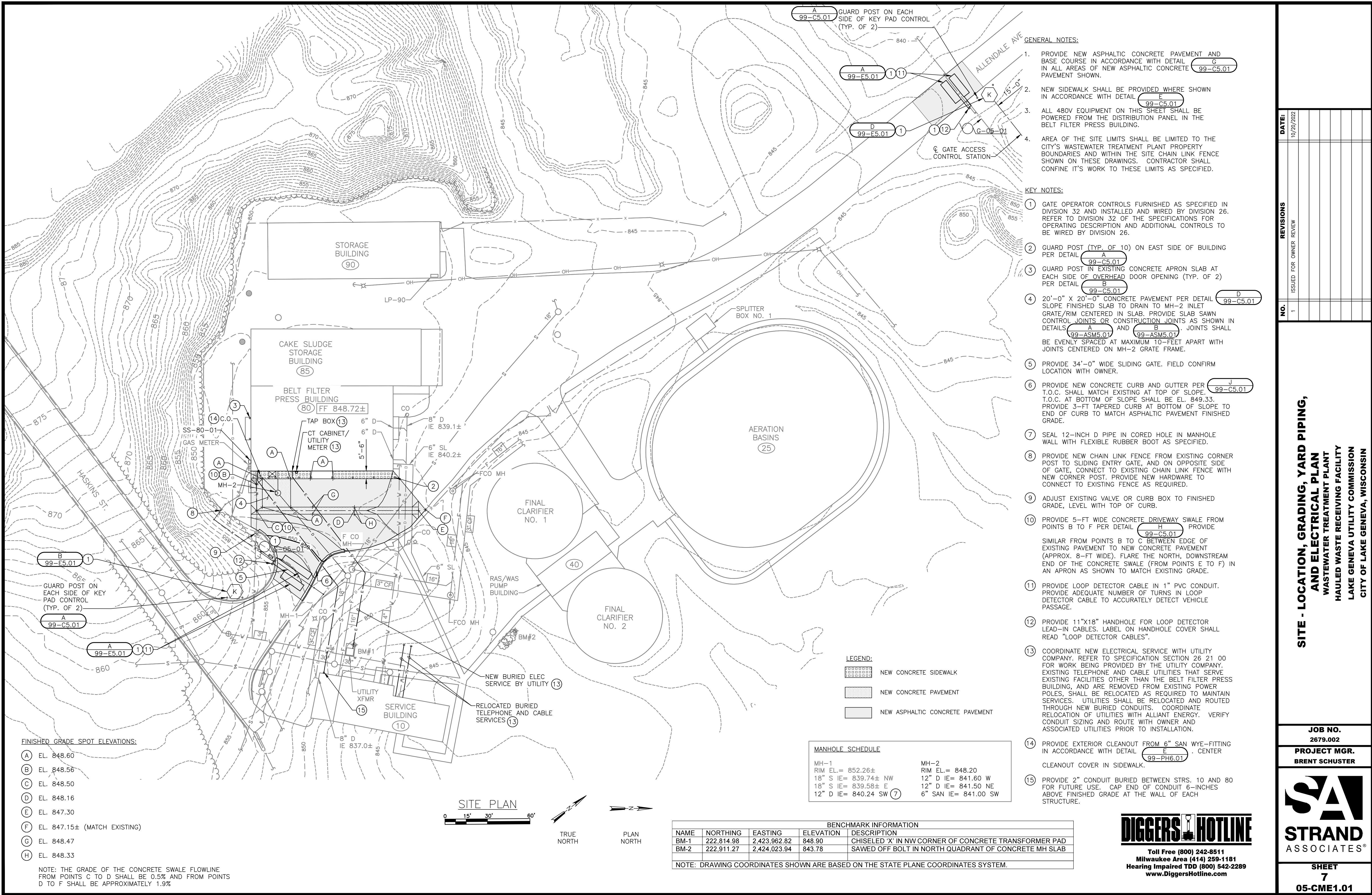
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002

PROJECT MGR.
BRENT SCHUSTER



SHEET
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05-CD1.01



GENERAL NOTES:

- 1. PROVIDE NEW ASPHALTIC CONCRETE PAVEMENT AND BASE COURSE IN ACCORDANCE WITH DETAIL **G** 99-C5.01 IN ALL AREAS OF NEW ASPHALTIC CONCRETE PAVEMENT SHOWN.
- 2. NEW SIDEWALK SHALL BE PROVIDED WHERE SHOWN IN ACCORDANCE WITH DETAIL **E** 99-C5.01
- 3. ALL 480V EQUIPMENT ON THIS SHEET SHALL BE POWERED FROM THE DISTRIBUTION PANEL IN THE BELT FILTER PRESS BUILDING.
- 4. AREA OF THE SITE LIMITS SHALL BE LIMITED TO THE CITY'S WASTEWATER TREATMENT PLANT PROPERTY BOUNDARIES AND WITHIN THE SITE CHAIN LINK FENCE SHOWN ON THESE DRAWINGS. CONTRACTOR SHALL CONFINE IT'S WORK TO THESE LIMITS AS SPECIFIED.

KEY NOTES:

- 1 GATE OPERATOR CONTROLS FURNISHED AS SPECIFIED IN DIVISION 32 AND INSTALLED AND WIRED BY DIVISION 26. REFER TO DIVISION 32 OF THE SPECIFICATIONS FOR OPERATING DESCRIPTION AND ADDITIONAL CONTROLS TO BE WIRED BY DIVISION 26.
- 2 GUARD POST (TYP. OF 10) ON EAST SIDE OF BUILDING PER DETAIL **A** 99-C5.01
- 3 GUARD POST IN EXISTING CONCRETE APRON SLAB AT EACH SIDE OF OVERHEAD DOOR OPENING (TYP. OF 2) PER DETAIL **B** 99-C5.01
- 4 20'-0" X 20'-0" CONCRETE PAVEMENT PER DETAIL SLOPE FINISHED SLAB TO DRAIN TO MH-2 INLET GRATE/RIM CENTERED IN SLAB. PROVIDE SLAB SAWN CONTROL JOINTS OR CONSTRUCTION JOINTS AS SHOWN IN DETAILS **A** 99-ASM5.01 AND **B** 99-ASM5.01. JOINTS SHALL BE EVENLY SPACED AT MAXIMUM 10- FEET APART WITH JOINTS CENTERED ON MH-2 GRATE FRAME.
- 5 PROVIDE 34'-0" WIDE SLIDING GATE. FIELD CONFIRM LOCATION WITH OWNER.
- 6 PROVIDE NEW CONCRETE CURB AND GUTTER PER T.O.C. SHALL MATCH EXISTING AT TOP OF SLOPE. T.O.C. AT BOTTOM OF SLOPE SHALL BE EL. 849.33. PROVIDE 3'-FT TAPERED CURB AT BOTTOM OF SLOPE TO END OF CURB TO MATCH ASPHALTIC PAVEMENT FINISHED GRADE.
- 7 SEAL 12-INCH D PIPE IN CORED HOLE IN MANHOLE WALL WITH FLEXIBLE RUBBER BOOT AS SPECIFIED.
- 8 PROVIDE NEW CHAIN LINK FENCE FROM EXISTING CORNER POST TO SLIDING ENTRY GATE, AND ON OPPOSITE SIDE OF GATE, CONNECT TO EXISTING CHAIN LINK FENCE WITH NEW CORNER POST. PROVIDE NEW HARDWARE TO CONNECT TO EXISTING FENCE AS REQUIRED.
- 9 ADJUST EXISTING VALVE OR CURB BOX TO FINISHED GRADE, LEVEL WITH TOP OF CURB.
- 10 PROVIDE 5'-FT WIDE CONCRETE DRIVEWAY SWALE FROM POINTS B TO F PER DETAIL **H** 99-C5.01. PROVIDE SIMILAR FROM POINTS B TO C BETWEEN EDGE OF EXISTING PAVEMENT TO NEW CONCRETE PAVEMENT (APPROX. 8'-FT WIDE). FLARE THE NORTH, DOWNSTREAM END OF THE CONCRETE SWALE (FROM POINTS E TO F) IN AN APRON AS SHOWN TO MATCH EXISTING GRADE.
- 11 PROVIDE LOOP DETECTOR CABLE IN 1" PVC CONDUIT. PROVIDE ADEQUATE NUMBER OF TURNS IN LOOP DETECTOR CABLE TO ACCURATELY DETECT VEHICLE PASSAGE.
- 12 PROVIDE 11"x18" HANDHOLE FOR LOOP DETECTOR LEAD-IN CABLES. LABEL ON HANDHOLE COVER SHALL READ "LOOP DETECTOR CABLES".
- 13 COORDINATE NEW ELECTRICAL SERVICE WITH UTILITY COMPANY. REFER TO SPECIFICATION SECTION 26 21 00 FOR WORK BEING PROVIDED BY THE UTILITY COMPANY. EXISTING TELEPHONE AND CABLE UTILITIES THAT SERVE EXISTING FACILITIES OTHER THAN THE BELT FILTER PRESS BUILDING, AND ARE REMOVED FROM EXISTING POWER POLES, SHALL BE RELOCATED AS REQUIRED TO MAINTAIN SERVICES. UTILITIES SHALL BE RELOCATED AND ROUTED THROUGH NEW BURIED CONDUITS. COORDINATE RELOCATION OF UTILITIES WITH ALLIANT ENERGY. VERIFY CONDUIT SIZING AND ROUTE WITH OWNER AND ASSOCIATED UTILITIES PRIOR TO INSTALLATION.
- 14 PROVIDE EXTERIOR CLEANOUT FROM 6" SAN WYE-FITTING IN ACCORDANCE WITH DETAIL **E** 99-PH6.01. CENTER CLEANOUT COVER IN SIDEWALK.
- 15 PROVIDE 2" CONDUIT BURIED BETWEEN STRS. 10 AND 80 FOR FUTURE USE. CAP END OF CONDUIT 6-INCHES ABOVE FINISHED GRADE AT THE WALL OF EACH STRUCTURE.

LEGEND:

- NEW CONCRETE SIDEWALK
- NEW CONCRETE PAVEMENT
- NEW ASPHALTIC CONCRETE PAVEMENT

MANHOLE SCHEDULE

MH-1	MH-2
RIM EL.= 852.26±	RIM EL.= 848.20
18" S IE= 839.74± NW	12" D IE= 841.60 W
18" S IE= 839.58± E	12" D IE= 841.50 NE
12" D IE= 840.24 SW	6" SAN IE= 841.00 SW

BENCHMARK INFORMATION

NAME	NORTHING	EASTING	ELEVATION	DESCRIPTION
BM-1	222,814.98	2,423,962.82	848.90	CHISELED 'X' IN NW CORNER OF CONCRETE TRANSFORMER PAD
BM-2	222,911.27	2,424,023.94	843.78	SAWED OFF BOLT IN NORTH QUADRANT OF CONCRETE MH SLAB

NOTE: DRAWING COORDINATES SHOWN ARE BASED ON THE STATE PLANE COORDINATES SYSTEM.

SITE - LOCATION, GRADING, YARD PIPING,
AND ELECTRICAL PLAN
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



SHEET
7
05-CME1.01

DATE:
10/20/2022

REVISIONS
ISSUED FOR OWNER REVIEW

NO.
1

FINISHED GRADE SPOT ELEVATIONS:

- A** EL. 848.60
- B** EL. 848.56
- C** EL. 848.50
- D** EL. 848.16
- E** EL. 847.30
- F** EL. 847.15± (MATCH EXISTING)
- G** EL. 848.47
- H** EL. 848.33

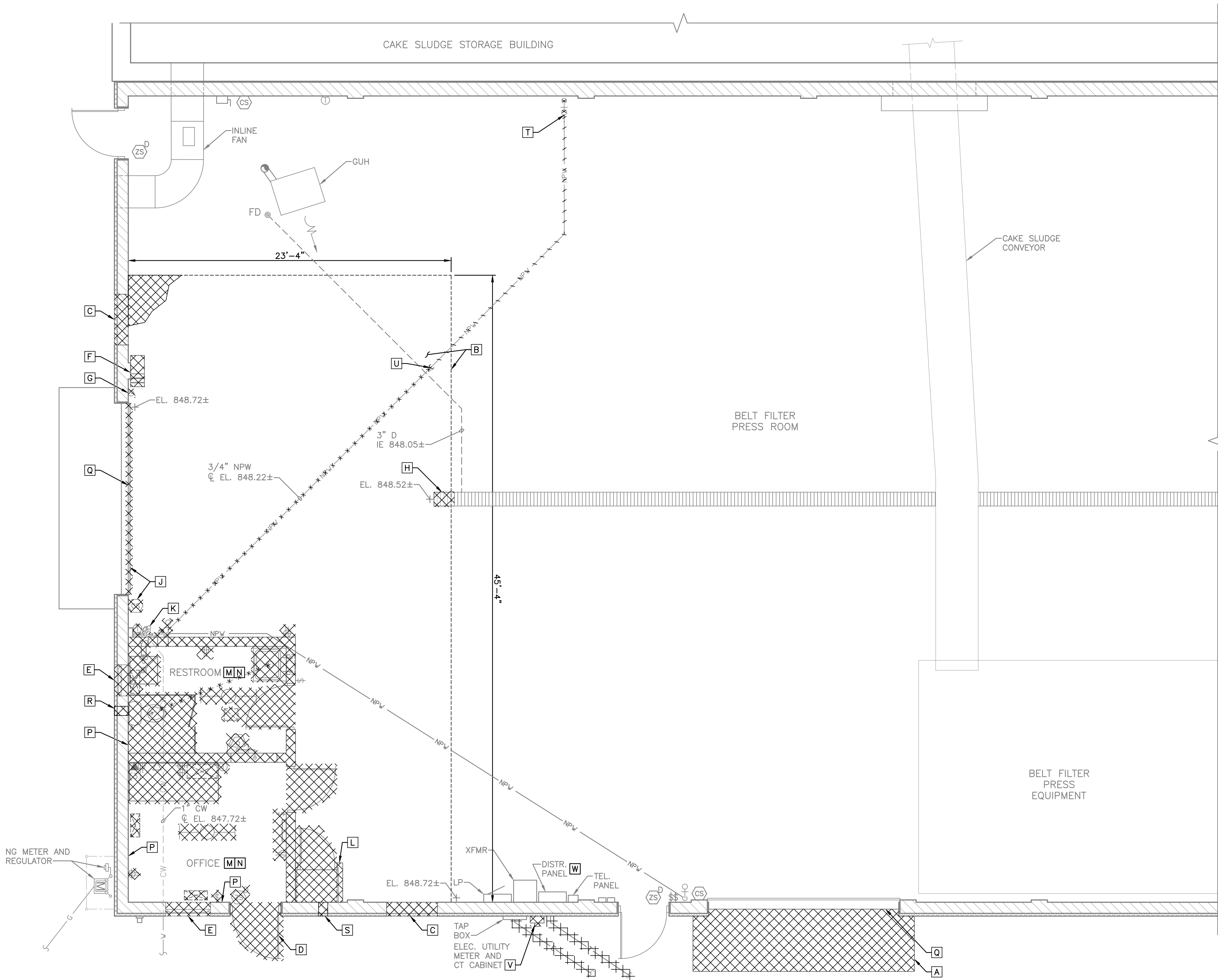
NOTE: THE GRADE OF THE CONCRETE SWALE FLOWLINE FROM POINTS C TO D SHALL BE 0.5% AND FROM POINTS D TO F SHALL BE APPROXIMATELY 1.9%

SITE PLAN

0 15' 30' 60'

TRUE NORTH

PLAN NORTH



GENERAL NOTES:

1. REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIALS ASSOCIATED WITH THE ITEMS BEING REMOVED AS SHOWN ON THIS DRAWING, AS WELL AS ALL EXISTING ELECTRICAL DEVICES, MATERIALS, EQUIPMENT, WIRING, AND EXPOSED CONDUITS NOT BEING REUSED. CONCEALED CONDUITS NOT BEING REUSED SHALL BE CAPPED AND ABANDON IN PLACE.

DEMOLITION NOTES:

- A REMOVE CONCRETE APRON SLAB AND 12" MIN. OF EXISTING BASE MATERIAL UNDER SLAB.
- B SAWCUT AND REMOVE CONCRETE FLOOR SLAB AND 6" OF BASE MATERIAL TO THE LIMITS SHOWN FOR NEW CONSTRUCTION.
- C SAWCUT AND REMOVE SECTION OF WALL AS REQUIRED FOR NEW DOOR OPENING, LINTEL, AND DOOR INSTALLATION. PROVIDE TEMPORARY SUPPORT FOR WALL ABOVE.
- D REMOVE DOOR, FRAME, AND HARDWARE.
- E REMOVE WINDOW, FRAME, AND HARDWARE.
- F REMOVE DUCTWORK AND SUPPORTS.
- G REMOVE FIRE EXTINGUISHER AND TURN OVER TO OWNER.
- H REMOVE TRENCH DRAIN AND GRATE TO THE EXTENT OF THE SAWCUT FLOOR SLAB REMOVAL AND PREPARE FOR NEW END OF TRENCH MODIFICATIONS SHOWN IN SECTION 2
80-ASM3.01
- J REMOVE OVERHEAD SECTIONAL DOOR, OPERATOR, ASSOCIATED HARDWARE AND CONTROL STATION.
- K PROTECT EXISTING 1" W SUPPLY PIPING TO WATER METER AND PROTECT WATER METER FOR REUSE. DISCONNECT EXISTING GROUND WIRE AND CLAMP FROM WATER PIPING AND PRESERVE FOR REUSE. REMOVE ALL EXISTING WATER PIPING, SUPPORTS, AND APPURTENANCES FROM THE OUTLET SIDE OF THE WATER METER WITHIN THE BUILDING, EXCEPT FOR THE WATER SUPPLY PIPE RUNNING BENEATH THE FLOOR TO THE HOSE BIBB ON THE EAST WALL NEXT TO THE OVERHEAD DOOR. PROTECT THIS SUPPLY PIPE TO THE HOSE BIBB FOR REUSE.
- L COMPLETELY REMOVE EXISTING WOODEN CLOSET.
- M REMOVE ALL INTERIOR WALLS, CEILINGS AND APPURTENANCES OF THE RESTROOM AND OFFICE WITHIN THE BUILDING, INCLUDING ALL CONTENTS OF ROOMS, DOORS, PLUMBING FIXTURES, PIPING, HVAC EQUIPMENT, DUCTWORK, THERMOSTATS, ELECTRICAL DEVICES, RECEPTACLES, SWITCHES, LIGHT FIXTURES, AND ASSOCIATED HARDWARE.
- N REMOVE PLUMBING DRAIN, WASTE, VENT AND WATER SUPPLY PIPING ASSOCIATED WITH THE RESTROOM AND OFFICE BENEATH THE FLOOR TO EXTENTS REQUIRED TO CLEAR NEW CONSTRUCTION. REMAINING PLUMBING PIPING BENEATH THE FLOOR MAY BE ABANDONED IN ACCORDANCE WITH SPECIFICATIONS AND PROVIDED IT IS DISCONNECTED AND ISOLATED IN ACCORDANCE WITH APPLICABLE CODES.
- P REMOVE EXISTING WOOD PANELING, BASEBOARD, FURRING, GLUE AND ALL OTHER ASSOCIATED FASTENING HARDWARE FROM EXTERIOR BLOCK WALL SURFACES. CLEAN AND PREP WALLS FOR PAINTING AS SPECIFIED.
- Q REMOVE EXISTING JOINT FILLER FROM EDGE OF SLAB JOINT ALONG EXISTING CONCRETE APRON SLAB AND CLEAN SURFACE.
- R CORE HOLE THROUGH WALL FOR NEW 6" EA DUCT AS SHOWN ON OTHER DRAWINGS.
- S CORE HOLE THROUGH WALL FOR NEW 4" HIW PIPE AS SHOWN ON OTHER DRAWINGS.
- T REMOVE HOSE BIBB AND NPW PIPING AND CAP PIPE JUST ABOVE FLOOR.
- U REMOVE NPW PIPING BELOW FLOOR REMOVAL AREA TO EXTENTS SHOWN. CAP PIPE AT EDGE OF FLOOR REMOVAL AREA TO ABANDON REMAINING PORTION OF NPW PIPING BELOW EXISTING FLOOR TO HOSE BIBB.
- V REMOVE EXISTING UTILITY METER SOCKET AND CT CABINET.
- W PANEL SHALL BE REMOVED AS NOTED ON DRAWING 80-E1.01.

**HAULED WASTE RECEIVING FACILITY
BUILDING DEMOLITION - FLOOR PLAN**
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

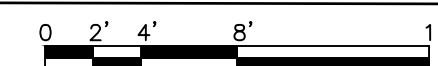
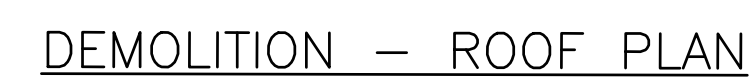
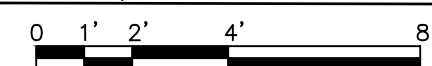
JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



SHEET
8
80-D1.01

1. EXISTING ROOF CONSISTS OF A CORRUGATED METAL ROOF DECK WITH TAPERED POLY-ISO INSULATION AND ADHERED RUBBER MEMBRANE.
2. REMOVE ALL EXISTING ELECTRICAL EQUIPMENT AND MATERIALS ASSOCIATED WITH THE ITEMS BEING REMOVED AS WELL AS ALL OF THE PIPING, AS WELL AS ALL EXISTING ELECTRICAL DEVICES, MATERIALS, EQUIPMENT, WIRING, AND EXPOSED CONDUITS NOT BEING REUSED. CONCEALED CONDUITS NOT BEING REUSED SHALL BE CAPPED AND ABANDON IN PLACE.

- [A] REMOVE EXHAUST FAN, DAMPER, AND ASSOCIATED HARDWARE FROM WALL OPENING.
- [B] REMOVE AND RELOCATE LIGHT FIXTURE TO CLEAR NEW CONSTRUCTION. REFER TO DRAWING 80-E1.02 FOR NEW LOCATION. MODIFY AND EXTEND EXISTING CONDUIT AND WIRING TO NEW LOCATION AS REQUIRED TO MAINTAIN EXISTING FUNCTIONALITY.
- [C] REMOVE DUCTWORK AND SUPPORTS TO JUST BELOW METAL ROOF DECK AND CAP DUCT AT CEILING WITH MATCHING GALVANIZED DUCT MATERIAL. PROVIDE 4" MIN. OF POLY-ISO (R-20 MIN.) INSULATION IN DUCT ABOVE CEILING CAP, ALIGNED WITH METAL ROOF DECK.
- [D] REMOVE OVERHEAD SECTIONAL DOOR, TRACKS, RAILS, SUPPORTS, MOTOR OPERATOR, CONTROLS AND RELATED HARDWARE.
- [E] REMOVE COMBUSTION AIR VENT PIPING AND SUPPORTS FROM WATER HEATER TO JUST BELOW METAL ROOF DECK AND CAP AT CEILING WITH MATCHING GALVANIZED PIPE MATERIAL. PROVIDE 4" MIN. OF POLY-ISO. (R-20 MIN.) INSULATION TO FILL PIPING ABOVE CEILING CAP, ALIGNED WITH METAL ROOF DECK.
- [F] REMOVE NATURAL GAS PIPING, SUPPORTS, AND HARDWARE FROM WATER HEATER AND AIR HANDLING EQUIPMENT BACK TO NATURAL GAS MAIN. REMOVE ALL NATURAL GAS PIPING IN THIS AREA AS NECESSARY FOR CONNECTION OF NEW NATURAL GAS PIPING SHOWN ON OTHER DRAWINGS.
- [G] REMOVE WATER HEATER AND APPURTENANCES.
- [H] REMOVE AIR HANDLING EQUIPMENT, DUCTWORK AND ACCESSORIES. REMOVE ASSOCIATED COMBUSTION AIR VENT PIPING FROM EQUIPMENT THROUGH ROOF.
- [J] REMOVE PLUMBING VENT PIPING UP THROUGH ROOF.
- [K] REMOVE CONCENTRIC VENT, CHIMNEY, AND STACK PIPING. PRESERVE FLASHING AND ROOF CURB FOR REUSE WITH NEW COMBUSTION AIR AND VENT PIPING FOR MAU-80-01 AS SHOWN ON OTHER DRAWINGS.
- [L] REMOVE ALL INTERIOR WALLS, CEILINGS, EQUIPMENT PLATFORM AND APPURTENANCES ABOVE THE RESTROOM AND OFFICE WITHIN THE BUILDING, INCLUDING ALL CONTENTS OR ROOMS, DOORS, PLUMBING FIXTURES, PIPING, HVAC EQUIPMENT, DUCTWORK, THERMOSTATS, ELECTRICAL DEVICES, RECEPTACLES, SWITCHES, LIGHT FIXTURES, AND ASSOCIATED HARDWARE.
- [M] SAWCUT AND REMOVE SECTION OF WALL AS REQUIRED FOR NEW SA DUCT, LOUVER, DAMPER, AND LINTEL AS SHOWN ON OTHER DRAWINGS. TEMPORARILY BRACE WALL AS NEEDED.
- [N] REMOVE GRAVITY ROOF VENT AND ASSOCIATED HARDWARE FROM EXISTING ROOF CURB. CAP ROOF VENT DUCT WITH MATCHING GALVANIZED STEEL CAP SEALED WEATERTIGHT.
- [P] REMOVE CONCENTRIC VENT PIPING TO JUST ABOVE EXISTING CURB OR ROOF FLASHING/BOOT. CAP WEATERTIGHT ABOVE ROOFING SEAL WITH MATCHING GALVANIZED PIPE MATERIAL.
- [Q] REMOVE EXISTING PLUMBING VENT PIPE. PRESERVE EXISTING ROOF FLASHING AND ROOF PENETRATION FOR REUSE WITH NEW VENT PIPE AS SHOWN ON OTHER DRAWINGS.
- [R] REMOVE EXISTING GRAVITY ROOF VENT FROM EXISTING ROOF CURB. CAP ROOF VENT DUCT WITH MATCHING GALVANIZED STEEL CAP SEALED WEATERTIGHT.
- [S] CORE DRILL ROOF FOR PLUMBING VENT PIPE PENETRATION WHERE SHOWN ON OTHER DRAWINGS.

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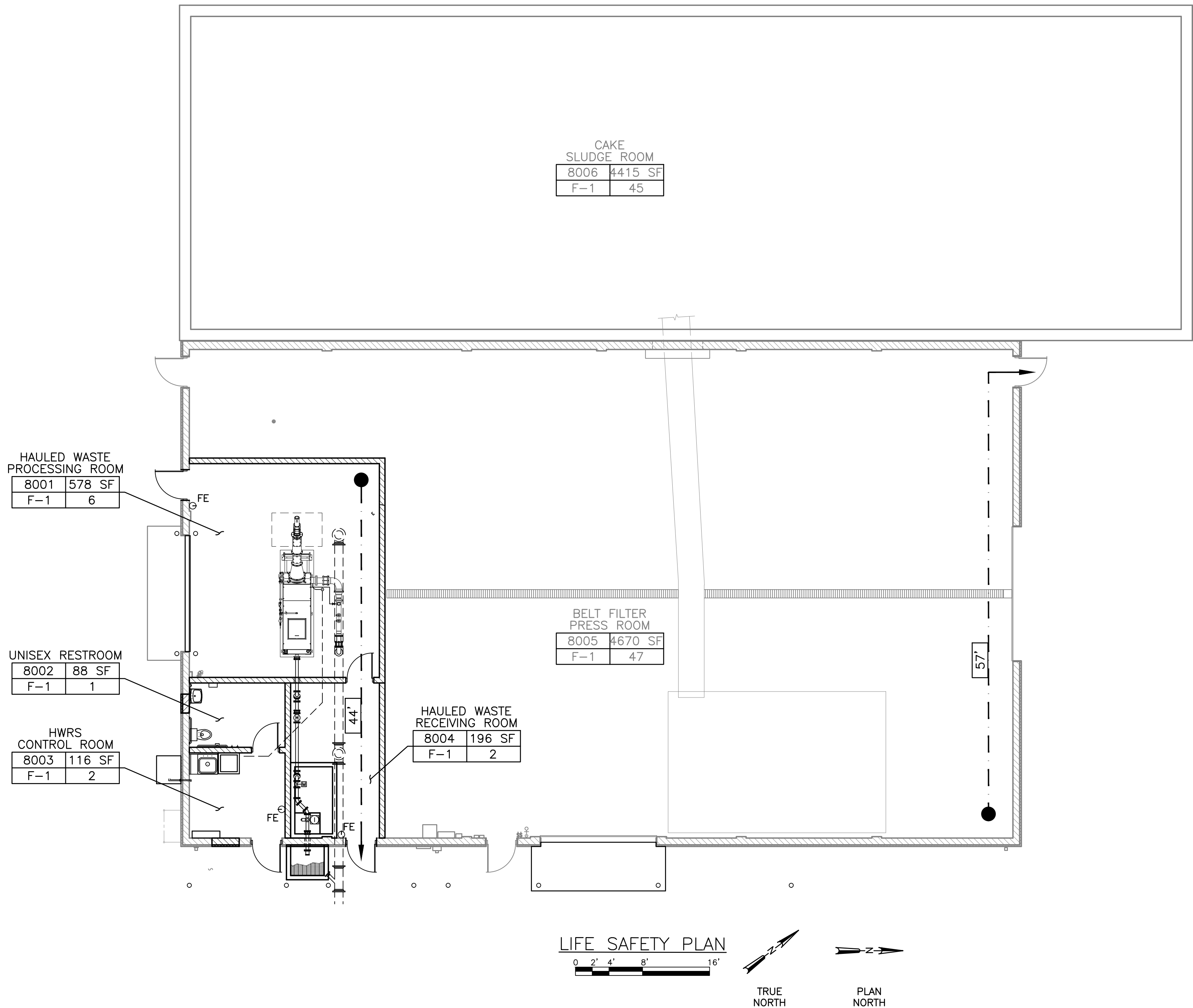
BUILDING DEMOLITION - EQUIPMENT PLATFORM AND ROOF PLAN
HAULED WASTE RECEIVING FACILITY
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002

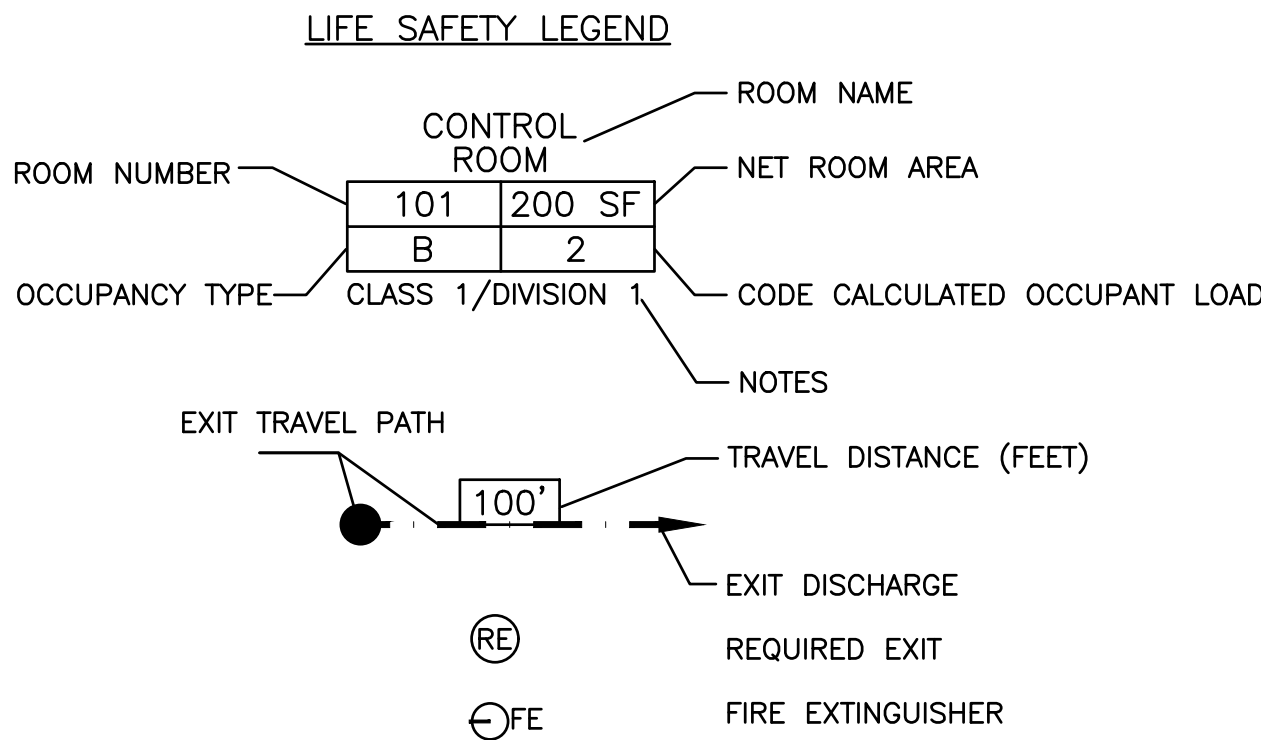
PROJECT MGR.
BRENT SCHUSTER



SHEET
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D-D1.02



BUILDING CODE INFORMATION			
BUILDING CODE	2015 INTERNATIONAL BUILDING CODE (SPS 362)		
	2015 INTERNATIONAL MECHANICAL CODE (SPS 364)		
	WISCONSIN PLUMBING CODE (SPS 382)		
	2015 INTERNATIONAL FIRE CODE		
	2017 NATIONAL ELECTRICAL CODE (SPS 316)		
	2015 INTERNATIONAL FUEL GAS CODE (SPS 365)		
	2015 INTERNATIONAL ENERGY CONSERVATION CODE (SPS 363)		
ICC / ANSI A117.1-2010 AND 2015 IBC CHAPTER 11-ACCESSIBILITY			
SCOPE OF WORK: LEVEL 2 ALTERATION OF SOUTHEAST PORTION OF EXISTING WASTE RECOVERY FACILITY.			
OCCUPANCY TYPE	NON-SEPARATED USE		
USE GROUPS	GROUP F-1: MODERATE-HAZARD FACTORY INDUSTRIAL		
OCCUPANCY TYPE	V-B		
HAZARDOUS MATERIALS:	PRESENT		
CHEMICAL °	CHEMICAL CLASSIFICATION	MAX. CONTROL AREA QUANTITY ^b	ACTUAL QUANTITY ^a
UNITED 366 GOOD NEWS	CORROSIVE	500 GALLONS	55 GALLONS
UNITED 661 POLYMER SOLVENT	CORROSIVE	500 GALLONS	220 GALLONS
NOTES: a. ACTUAL QUANTITY IS FOR COMBINED STORAGE AND CLOSED SYSTEMS USE. b. CONTROL AREA QUANTITY PER TABLE 307.1(1) / 307.1(2). c. CHEMICALS LISTED ARE LOCATED / STORED IN EXISTING BELT FILTER PRESS ROOM (NOT IN PROJECT SCOPE).			
NON-HAZARDOUS MATERIALS:			
CHEMICAL	CHEMICAL CLASSIFICATION	MAX. CONTROL AREA QUANTITY	ACTUAL QUANTITY
AQUACHEM DP 1672 (POLYMER)	NOT HAZARDOUS	NOT REGULATED	4,000 LBS.
OCCUPANCY SEPARATION - NOT REQUIRED			
GENERAL BUILDING INFORMATION			
NO. OF STORIES	ALLOWABLE 1 STORIES		ACTUAL 1 STORY ¹
HEIGHT	40'-0" FEET		16'-8" (TOP OF MASONRY WALL)
AREA PER FLOOR (NET SF)			
F-1 (EXIST. NOT ALTERED)	9,085 SF ³		
F-1 (PROJECT ALTERATION)	978 SF ³		
TOTAL ALLOWABLE AREA PER FLOOR LEVEL			
	14,875 SF ²	TOTAL ACTUAL AREA (GROSS SF)	10,885 SF ³
PUBLIC WAYS OR YARDS	ACCESSIBLE FROM 4 SIDES, MIN. 30-FOOT ACCESS WIDTH		
FIRE SUPPRESSION SYSTEM			
AUTOMATIC FIRE SUPPRESSION SYSTEM - NOT PROVIDED			
PORTABLE FIRE EXTINGUISHERS, RATED CLASS A, B, C; 10-POUND CAPACITY.			
NUMBER OF OCCUPANTS			
OCCUPANT LOAD FACTOR	INDUSTRIAL AREAS: 100 GROSS		
OCCUPANT CALCULATION - SEE PLANS			
ACTUAL NUMBER OF OCCUPANTS	ZERO PERMANENT OCCUPANTS. ONLY PRESENT DURING MAINTENANCE AND OPERATION.		
EXIT ACCESS TRAVEL DISTANCE	EXIT ACCESS	COMMON PATH	
	F-1	200 FEET	75 FEET
EXITS: ALL SPACES/OCCUPANCIES REQUIRE 1 EXIT.			
NOTES: 1. EQUIPMENT PLATFORM NOT CONSIDERED A STORY PER IBC SECTION 505.3. 2. TOTAL ALLOWABLE AREA INCLUDES FRONTAGE INCREASE PER IBC SECTION 503. 3. PROJECT AREA DOES NOT INCREASE OVERALL BUILDING AREA, OR HEIGHT, AND DOES NOT CHANGE OCCUPANCY OF BUILDING.			



LIFE SAFETY GENERAL NOTES:

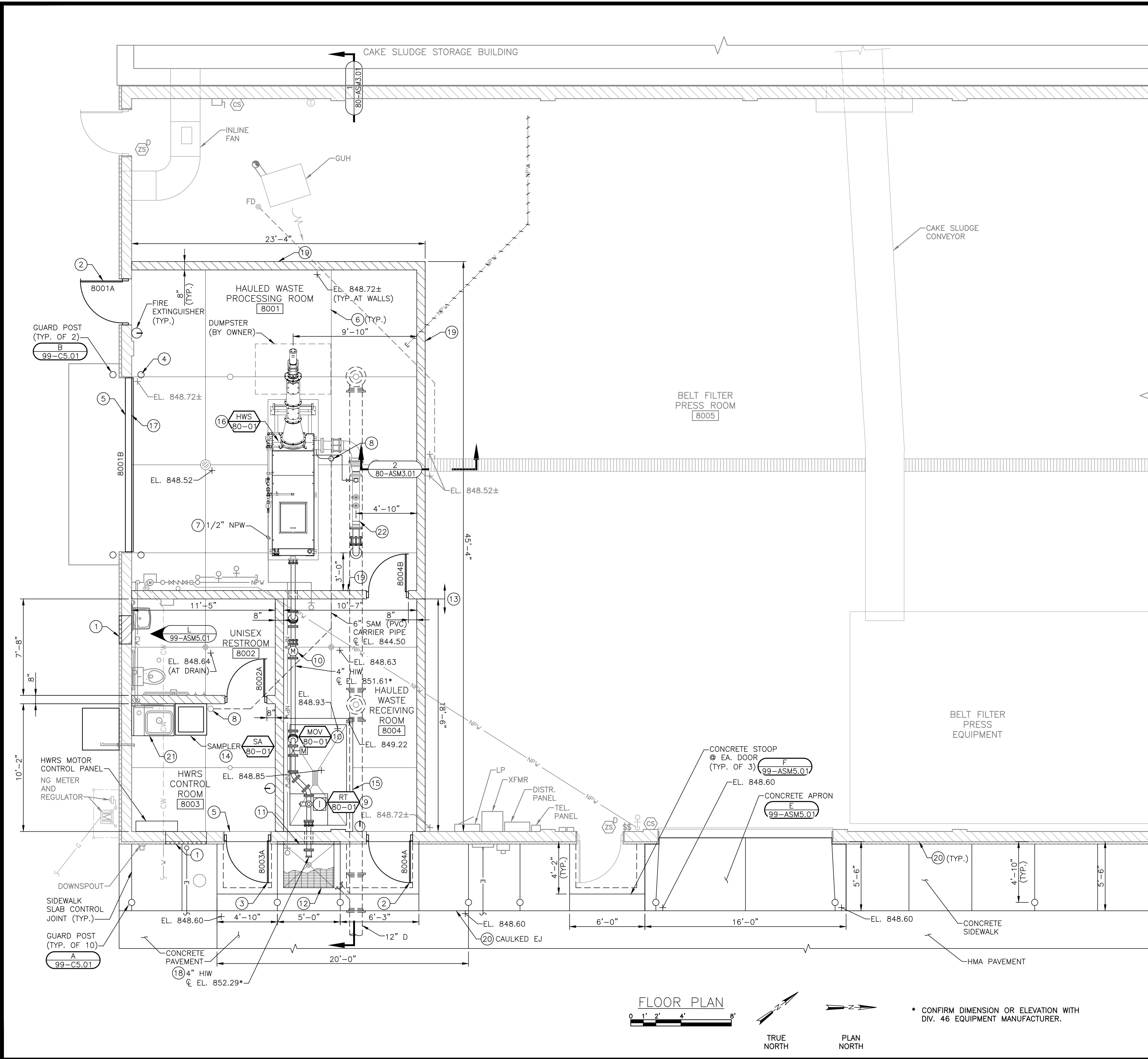
1. THE HAZARDOUS CHEMICAL QUANTITIES PRESENT IN BUILDING ARE LOWER THAN THE MAXIMUM ALLOWABLE QUANTITIES PER CONTROL AREA. THE BUILDING IS CLASSIFIED AS ONE OVERALL CONTROL AREA AND NO FIRE SEPARATION IS REQUIRED.

HAULED WASTE RECEIVING FACILITY
LIFE SAFETY PLAN AND CODE SUMMARY
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



SHEET
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80-ASM1.01



GENERAL NOTES:

- WHERE CMU BLOCK WALLS ABUT EXISTING WALLS, PROVIDE 345-BT FLEXIBLE TIE BY HOHMANN & BARNARD, OR EQUAL, @ 16" O.C. TO ALIGN AND LAP WITH UNIT MASONRY HORIZONTAL WIRE REINFORCEMENT AS SPECIFIED. RAKE BACK VERTICAL MORTAR JOINT ON EACH SIDE OF WALL 1/2" AND CAULK FULL HEIGHT OF WALL.
- ALL 8" CMU WALLS SHALL BE REINFORCED WITH 9 GAUGE LADDER STYLE HORIZONTAL JOINT REINFORCING SPACED AT 16" O.C. VERTICALLY (EVERY OTHER COURSE). UNLESS NOTED OTHERWISE, ALL 8" CMU WALLS SHALL BE REINFORCED WITH #4@48" VERTICAL REINFORCING FULL HEIGHT CENTERED IN WALL. GROUT CORES AT REINFORCING AND LAP BARS 2'-0". PROVIDE #4@48" X 2'-6" LONG DRILLED ADHESIVE ANCHOR DOWELS AT BOTTOM OF WALL TO MATCH VERTICAL REINFORCING, EMBEDDED 4" IN FLOOR SLAB. PROVIDE REBAR POSITIONERS TO CENTER REINFORCING IN CMU CORES.
- SEE PLUMBING DRAWINGS FOR FLOOR DRAINS.

KEY NOTES:

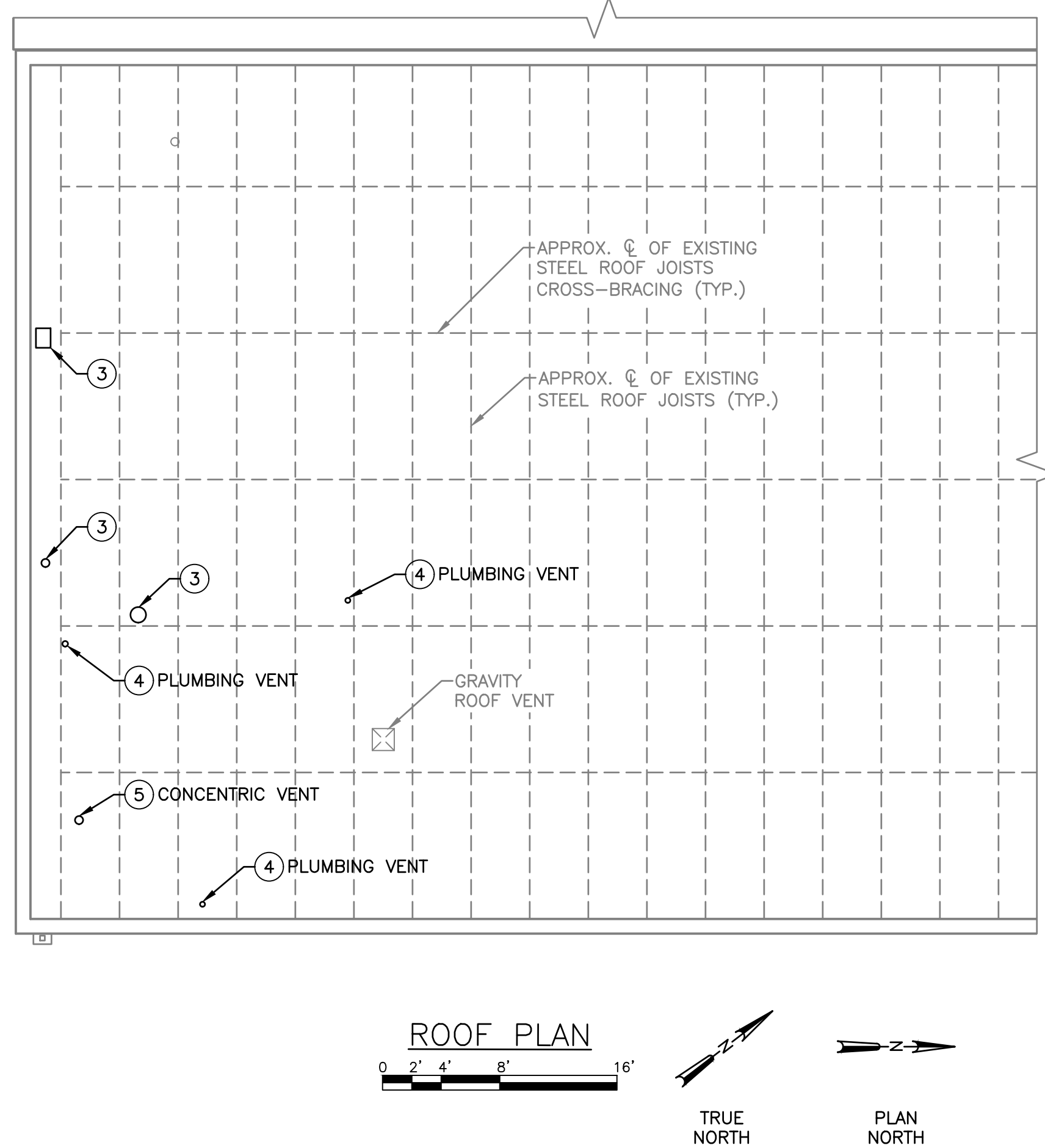
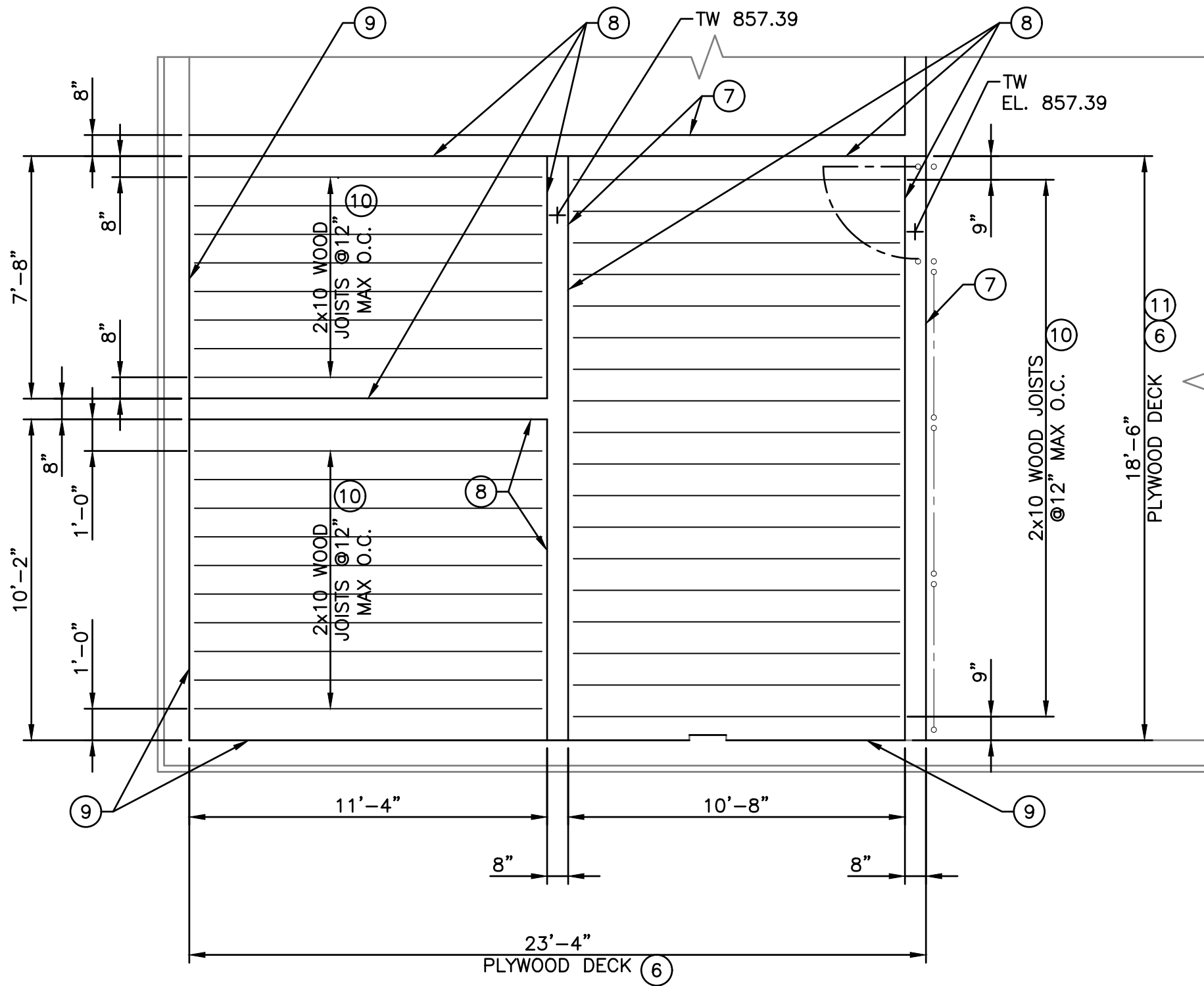
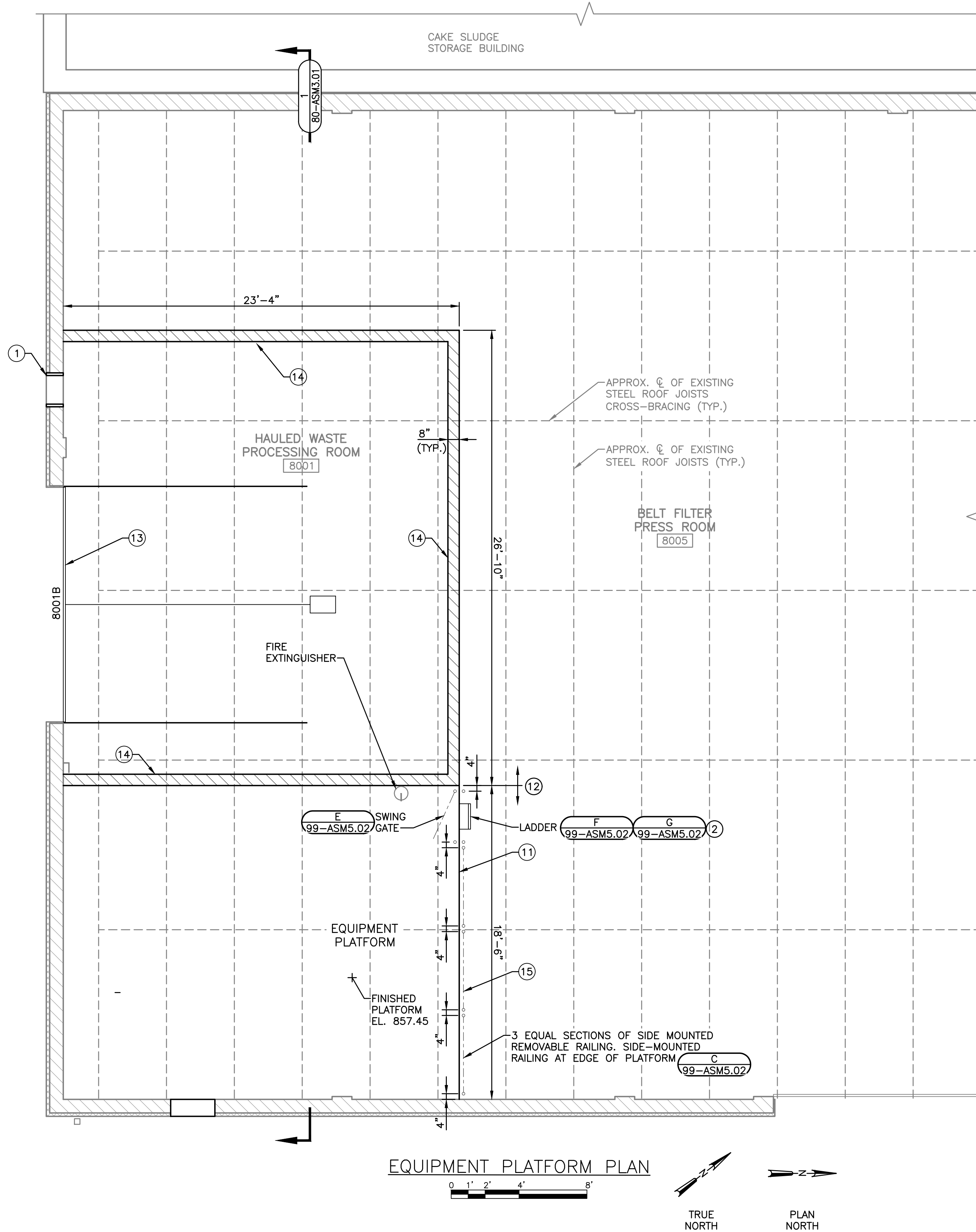
- INFILL WINDOW OPENING IN WALL WITH CMU BLOCK AND EXTERIOR STUCCO FACING TO MATCH ADJACENT WALL CONSTRUCTION.
- PROVIDE NEW DOOR, DOOR FRAME, DOOR HARDWARE AND LINTEL IN EXISTING WALL. PROVIDE BULLNOSE BLOCK AT INSIDE DOORWAY CORNERS. PATCH CMU BLOCK AND EXTERIOR STUCCO TO MATCH ADJACENT WALL CONSTRUCTION.
- PROVIDE NEW DOOR, DOOR FRAME, AND DOOR HARDWARE IN EXISTING DOOR OPENING. PATCH CMU BLOCK AND EXTERIOR STUCCO TO MATCH ADJACENT WALL CONSTRUCTION AS REQUIRED.
- INSTALL GUARD POSTS AT EACH SIDE OF OVERHEAD DOOR OPENING IN ACCORDANCE WITH DETAIL 99-C5.01 TOOL OR CUT CRACK CONTROL JOINT IN FLOOR SLAB UP TO EACH POST.
- PROVIDE 1/2-INCH EXP. FILLER, HOLD DOWN 1/2-INCH AND CAULK WITH SELF-LEVELLING CAULK AT PERIMETER OF FLOOR SLAB AT SOUTH AND EAST EXTERIOR WALLS.
- SLAB SAWN CONTROL JOINT PER DETAIL 99-ASM5.01 (TYP.). LOCATE 10'-0" O.C. MAX. EACH WAY.
- ROUTE 1 1/2" NPW PIPING TO HWS-80-01 WASH WATER SUPPLY CONNECTION. PROVIDE REDUCING FITTINGS, SHUT-OFF VALVE, AND UNION CONNECTION TO HWS-80-01 AS REQUIRED BY EQUIP. MFR.
- PROVIDE 6" SCH. 40 PVC CARRIER PIPE FOR SAMPLE TUBING WITH LONG-RADIUS SWEEP BENDS ROUTED BELOW FLOOR SLAB FROM HWS-80-01 TO SA-80-01. LOCATE CARRIER PIPE NEXT TO SA-80-01 A MINIMUM OF 1'-6" CLEAR FROM STRIKE SIDE OF DOOR 8002A. ROUTE SAMPLE TUBING THROUGH CARRIER PIPE AND CONNECT TO SA-80-01 AND HWS-80-01 AT SAMPLE TAP ON OUTLET PIPE. PROVIDE SEALED REMOVABLE CAP TERMINATION ON EACH END OF PVC CARRIER PIPE AS SHOWN IN DETAIL 80-ASM3.01.
- ROCK TRAP ASSEMBLY AND APPURTENANCES FURNISHED BY HAULED WASTE RECEIVING EQUIPMENT MANUFACTURER AS SPECIFIED. PROVIDE EQUIPMENT PAD UNDER ROCK TRAP PER DETAIL 99-ASM5.01.
- INLINE MAGNETIC FLOW METER AND MOTOR OPERATED VALVE FURNISHED BY HAULED WASTE RECEIVING EQUIPMENT MANUFACTURER AS SPECIFIED. PROVIDE RESTRAINED FLANGED COUPLING ADAPTER AS INDICATED TO CONNECT TO HIW PIPING.
- PROVIDE 4'-0" WIDE X 6'-0" HIGH FRP WALL PANEL ATTACHED TO EXTERIOR FACE OF STUCCO WALL WITH CONSTRUCTION ADHESIVE CENTERED ON NEW 4" HIW PIPE. PROVIDE TRIM ON EDGES OF FRP PANEL AND AROUND PIPE AS SPECIFIED. SEAL ALL EDGES WATERTIGHT WITH CAULK.
- PROVIDE EMBEDDED ALUMINUM GRATING OVER CONTAINMENT AREA FLUSH WITH ADJACENT SIDEWALK PER DETAIL 99-ASM5.01.
- MASONRY WALLS WEST OF THIS LINE SHALL BE CONSTRUCTED TO FULL HEIGHT TERMINATING AT UNDERSIDE OF EXISTING METAL ROOF DECK. MASONRY WALLS EAST OF THIS LINE SHALL BE CONSTRUCTED TO TERMINATE AT TOP OF WALL EL. 857.39.
- PROVIDE SAMPLER AS SPECIFIED IN DIV. 46. PROVIDE 4" HIGH EQUIPMENT PAD BELOW SAMPLER PER DETAIL 99-ASM5.01.
- 4'-6" X 8'-0" (INSIDE) CONTAINMENT AREA WITH 6" WIDE PERIMETER CONCRETE CONTAINMENT CURB AS SHOWN. PROVIDE 4,000 PSI CONCRETE FILL INSIDE CURB SLOPED TO FLOOR DRAIN. SEE 80-ASM3.01 FOR DETAILS.
- HAULED WASTE SCREEN UNIT (HWS-80-01) AS SPECIFIED.
- PROVIDE NEW OVERHEAD SECTIONAL DOOR (OSD) AS SPECIFIED. FINISH CONCRETE FLOOR SLAB LEVEL AT OSD THRESHOLD AND SLOPE FROM SEAL SURFACE TO EXTERIOR APRON. MOUNT OSD TRACK TO EXISTING WALLS WITH STAINLESS STEEL MASONRY ANCHORS AND HARDWARE. PROVIDE FIBERGLASS, PVC, OR STAINLESS STEEL TRIM AND FURRING AT DOOR OPENING EDGES AND MATING SURFACES. CAULK PERIMETER EDGES OF TRIM TO SEAL ALL EDGES.
- PROVIDE 4" STAINLESS STEEL QUICK CONNECT COUPLING WITH DUST CAP AS SPECIFIED.
- TERMINATE TOP OF CMU WALL AT EXISTING ROOF DECK PER 99-ASM5.02 WHERE JOISTS PENETRATE THROUGH WALL, FLASH PER 99-ASM5.02.
- PROVIDE 1/2" EXP. JOINT BETWEEN SIDEWALK AND PERIMETER BUILDING WALLS, AND BETWEEN SIDEWALK AND DRIVEWAY CONCRETE PAVEMENT. HOLD DOWN 1/2" AND CAULK.
- PROVIDE COUNTERTOP BETWEEN WALL AND SAMPLER FOR DROP-IN SINK. MOUNT COUNTERTOP AT 36" AFF WITH SUPPORT BRACKETS AND MASONRY ANCHORS AS SPECIFIED. PROVIDE BACKSPLASH AT WALLS.
- INSTALL PREFABRICATED DISCHARGE PIPING ASSEMBLY PROVIDED BY HWS-80-01 EQUIPMENT MANUFACTURER WHERE SHOWN. CONTRACTOR SHALL PROVIDE CONNECTING PIPE SPOOL AND RESTRAINED FLANGE COUPLING ADAPTER AT CONNECTION TO HWS-80-01 TANK OUTLET FLANGE ON OUTLET END OF PIPE ASSEMBLY AS SHOWN.

HAULED WASTE RECEIVING FACILITY
FLOOR PLAN
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



SHEET
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80-ASM1.02



- GENERAL NOTES:
- WHERE CMU BLOCK WALLS ABUT EXISTING WALLS, PROVIDE 345-BT FLEXIBLE TIE BY HOHMANN & BARNARD, OR EQUAL, @ 16" O.C. TO ALIGN AND LAP WITH UNIT MASONRY HORIZONTAL WIRE REINFORCEMENT AS SPECIFIED. RAKE BACK VERTICAL MORTAR JOINT ON EACH SIDE OF WALL 1/2" AND CAULK FULL HEIGHT OF WALL.
 - ALL 8" CMU WALLS SHALL BE REINFORCED WITH 9 GAUGE LADDER STYLE HORIZONTAL JOINT REINFORCING SPACED AT 16" O.C. VERTICALLY (EVERY OTHER COURSE). UNLESS NOTED OTHERWISE, ALL 8" CMU WALLS SHALL BE REINFORCED WITH #4@48" VERTICAL REINFORCING FULL HEIGHT CENTERED IN WALL. GROUT CORES AT REINFORCING AND LAP BARS 2'-0". PROVIDE #4@48" X 2'-6" LONG DRILLED ADHESIVE ANCHOR DOWELS AT BOTTOM OF WALL TO MATCH VERTICAL REINFORCING, EMBEDDED 4" IN FLOOR SLAB. PROVIDE REBAR POSITIONERS TO CENTER REINFORCING IN CMU CORES.
 - COORDINATE ALL PENETRATIONS IN EQUIPMENT PLATFORM. BLOCK OUT AROUND PENETRATIONS WITH 2X10 BOARDS.
- KEY NOTES:
- PREPARE AND PAINT EXISTING STEEL LINTEL IN EXISTING WALL OPENING. INFILL SIDES AND BOTTOM OF OPENING WITH CMU BLOCK AND EXTERIOR METAL FACING AND FLASHING MATERIALS TO MATCH EXISTING TO CREATE OPENING FOR NEW EXHAUST DUCT AND LOUVER AS SHOWN ON DWG. 80-HP1.02.
 - CONTRACTOR SHALL FIELD MEASURE FROM EXISTING FLOOR TO PLATFORM TO VERIFY HEIGHT OF THE LADDER WITH SUPPLIER.
 - CAP EXISTING HVAC DUCT OR PLUMBING PIPE WEATHERTIGHT. REFER TO DRAWINGS 80-D1.02 AND 80-HP1.02 FOR ADDITIONAL DETAIL.
 - NEW PLUMBING VENT. SEE DRAWING 80-HP1.02 FOR ADDITIONAL DETAIL.
 - NEW CONCENTRIC VENT ASSEMBLY. SEE DRAWING 80-HP1.02 FOR ADDITIONAL DETAIL.
 - PROVIDE 3/4" PLYWOOD DECKING OVER FULL EQUIPMENT PLATFORM SURFACE. FASTEN PLYWOOD DECK TO WOOD JOISTS WITH 10D NAILS @ 6" O.C. PLYWOOD TO EXTEND CONTINUOUS OVER MASONRY WALLS.
 - PROVIDE CONTINUOUS CMU BOND BEAM TOP COURSE OF INTERIOR WALLS BELOW EQUIPMENT PLATFORM AND AT WEST FULL HEIGHT WALL AT THE SAME ELEVATION. REINFORCE BOND BEAMS WITH 2 ~ #5 BARS CONTINUOUS AND GROUT BOND BEAM FULL. FINISH TOP OF BOND BEAM FLAT AT ELEVATION SHOWN. WOOD JOISTS SHALL BE MOUNTED FLUSH WITH TOP OF CMU BLOCK WALLS.
 - 2X10 LEDGER BOARD ANCHORED TO CMU BOND BEAM WITH 1/2" DIA. HILTI HAS THREADED RODS WITH HIT-HY 270 ADHESIVE @ 12" MAX. O.C. BETWEEN JOISTS. EFFECTIVE EMBEDMENT OF 4 1/2" AND PROVIDE WASHER AND NUT ON FACE OF LEDGER BOARD.
 - 2X10 LEDGER BOARD ANCHORED TO EXISTING CMU WITH 1/2" DIA. HILTI HAS THREADED RODS WITH HIT-HY 270 ADHESIVE @ 12" MAX. O.C. BETWEEN JOISTS. WHERE EXISTING CMU IS GROUTED, PROVIDE EFFECTIVE EMBEDMENT OF 4 1/2". WHERE EXISTING CMU IS HOLLOW, PROVIDE HIT-SC 18X50 SCREEN TUBE. PROVIDE WASHER AND NUT ON FACE OF LEDGER BOARD.
 - FASTEN 2X10 JOISTS TO LEDGER BOARDS USING LU28 JOIST HANGERS WITH 8-10D X 1.5" NAILS IN THE LEDGER BOARD AND 6-10D X 1.5" NAILS IN THE JOIST.
 - PROVIDE 2.25"x1.5" ALUMINUM STAIR NOSING CONTINUOUS ALONG NORTH EDGE OF PLYWOOD DECK (PEMKO NO. 3261, OR EQUAL).
 - MASONRY WALLS WEST OF THIS LINE SHALL BE CONSTRUCTED TO FULL HEIGHT TERMINATING AT UNDERSIDE OF EXISTING METAL ROOF DECK. MASONRY WALLS EAST OF THIS LINE SHALL BE CONSTRUCTED TO TERMINATE AT TOP OF WALL EL. 857.39.
 - PROVIDE NEW OVERHEAD SECTIONAL DOOR AS SPECIFIED. FASTEN DOOR TRACKS AND OPERATOR TO EXISTING STEEL ROOF JOISTS WITH STAINLESS STEEL BRACKETS AND HARDWARE.
 - TERMINATE TOP OF CMU WALL AT UNDERSIDE OF EXISTING ROOF DECK PER 99-ASM5.02.
- WHERE JOISTS PENETRATE THROUGH WALL, FLASH PER 99-ASM5.02.
- PROVIDE PERMANENT SIGN ATTACHED NEAR TOP OF CMU WALL STATING, "EQUIPMENT PLATFORM MAXIMUM SUPERIMPOSED LIVE LOAD = 60 PSF."

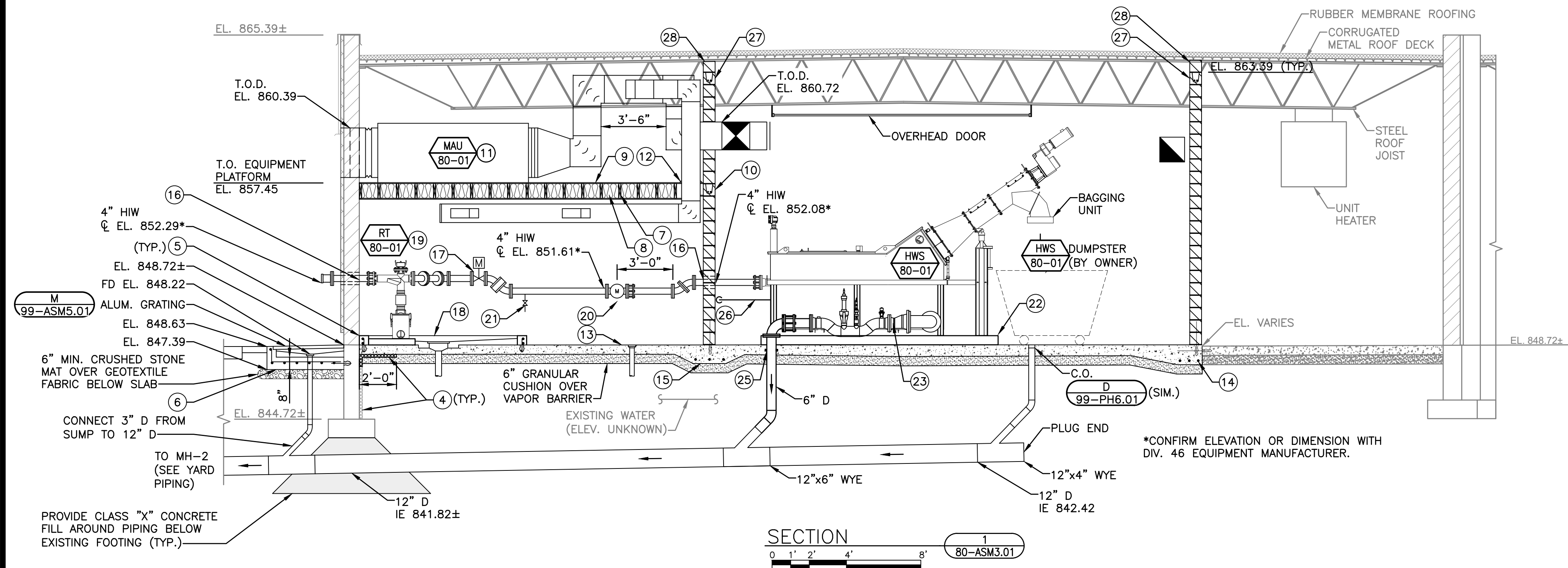
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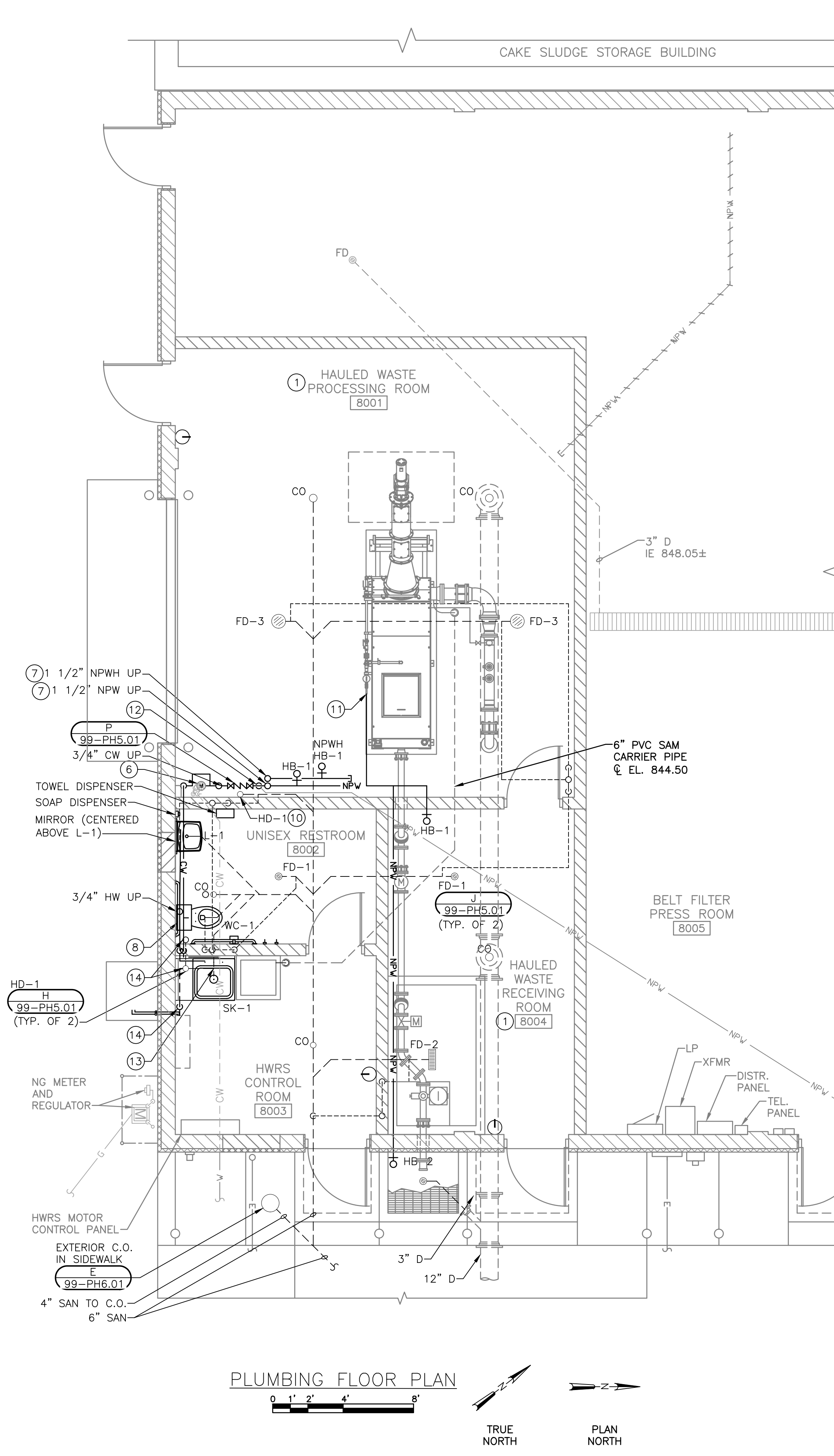
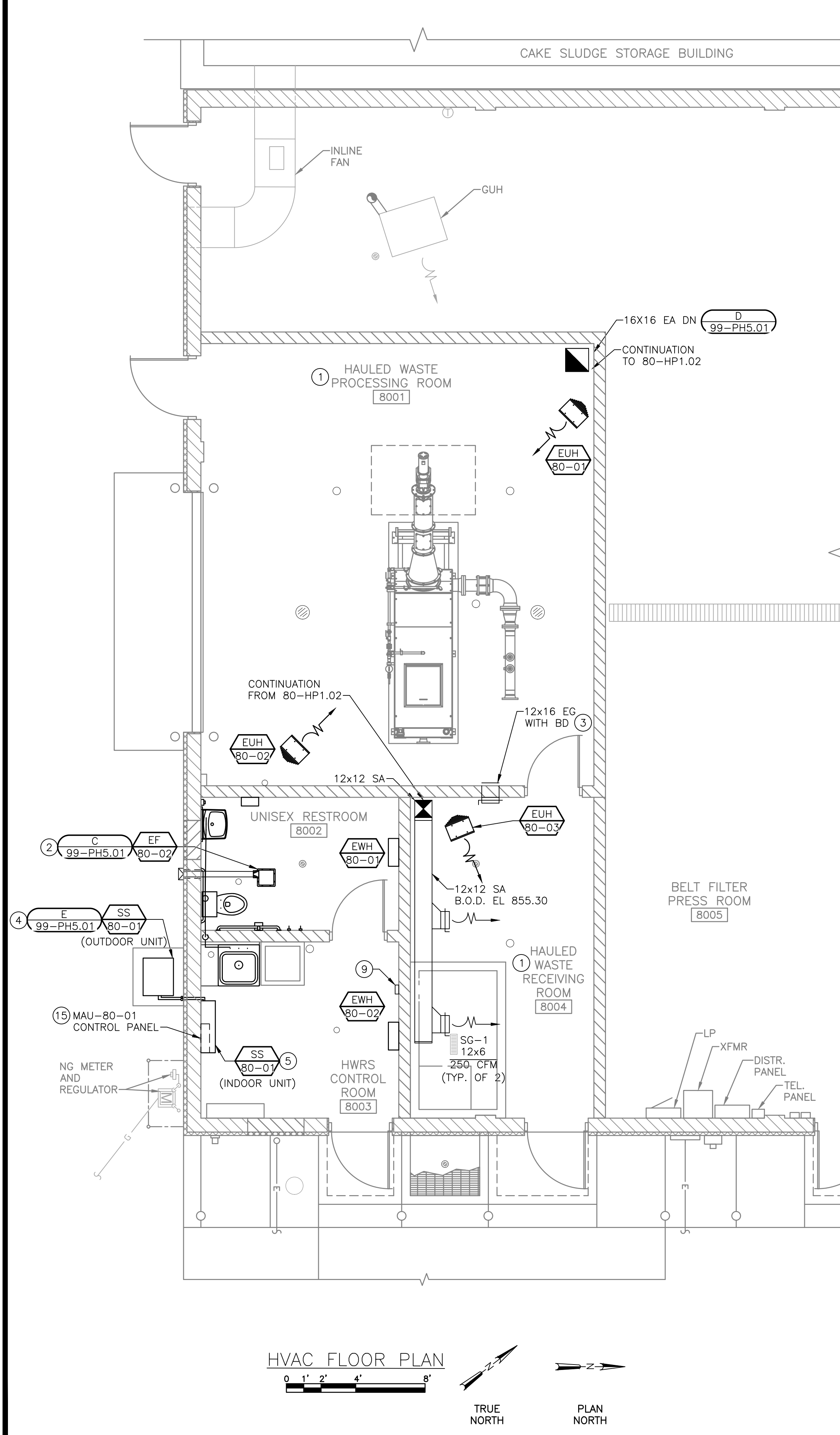
HAULED WASTE RECEIVING FACILITY
EQUIPMENT PLATFORM AND ROOF PLANS
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



SHEET
12
80-ASM1.03





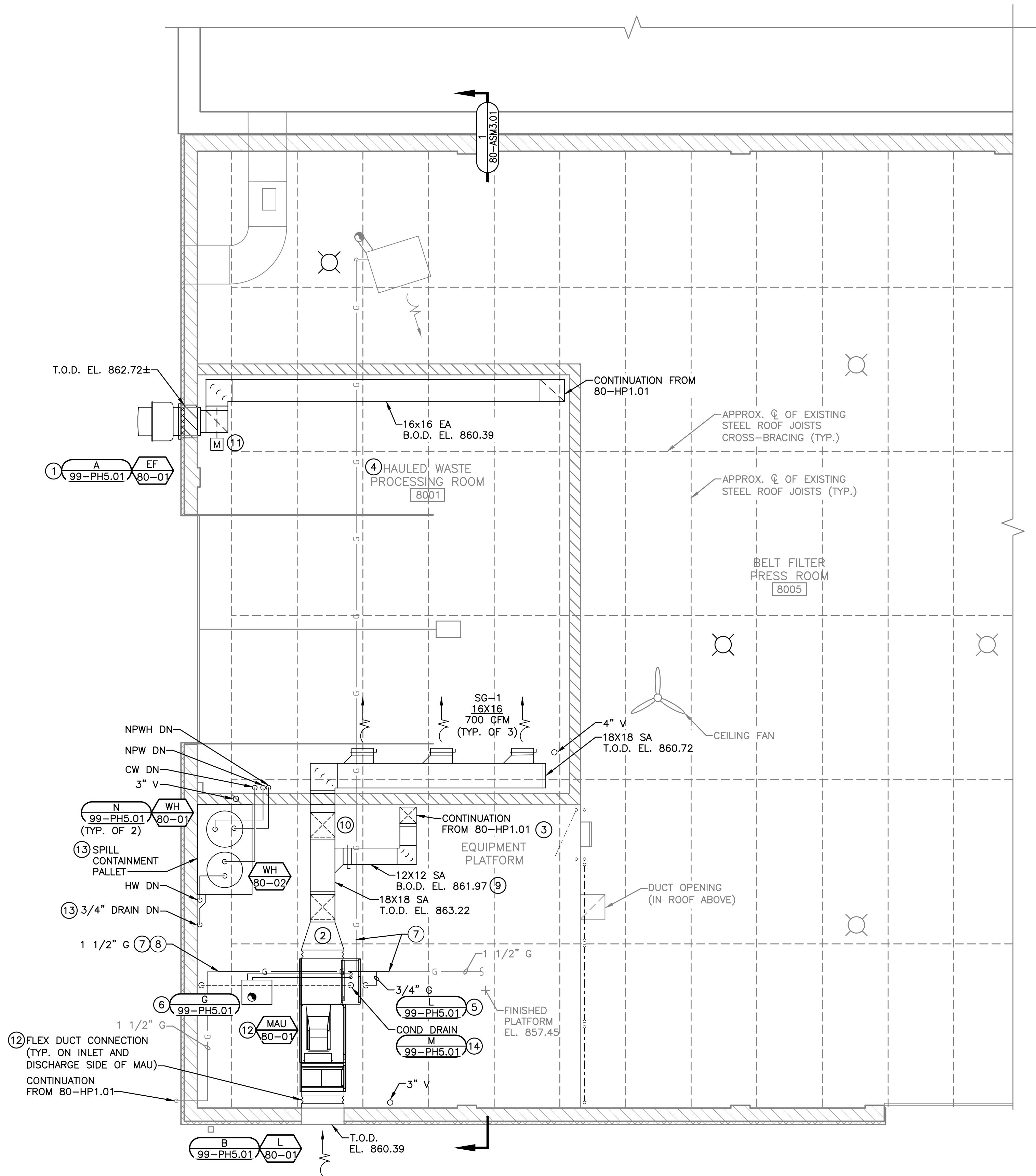
GENERAL NOTES:

- COORDINATE MECHANICAL WORK WITH ALL OTHER TRADES INVOLVED. CONTRACTOR IS RESPONSIBLE FOR ALL PIPING AND DUCTWORK OFFSETS REQUIRED FOR COMPLETE SYSTEM INSTALLATION.
- INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION, AND APPLICABLE CODES.
- ALL WORK TO BE COMPATIBLE WITH BUILDING CONSTRUCTION CLASS AND OCCUPANCY.
- DESIGN INTENT IS TO INDICATE GENERAL ARRANGEMENT. DESIGN AND INTENT OF WORK, AND IS PARTIALLY DIAGRAMMATIC, DRAWING SHALL NOT BE SCALED.
- ALL PIPE AND DUCT LOCATIONS AND ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL NEW PIPE AND DUCT ROUTING AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.
- FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS PRIOR TO FABRICATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PIPING AND DUCT OFFSETS REQUIRED FOR COMPLETE SYSTEM INSTALLATIONS.
- SEE WASTE AND VENT SCHEMATIC FOR ADDITIONAL INFORMATION.
- SANITARY PIPING BELOW FINISHED FLOOR AND WITHIN THE PROCESS SPACE SHALL BE SUPPORTED USING STAINLESS STEEL PIPE SUPPORTS.
- ROUTE PIPING AND APPURTENANCES TO MAINTAIN CLEARANCE FOR EQUIPMENT MAINTENANCE AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.

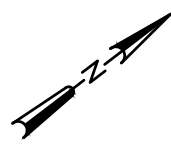
KEY NOTES:

- ALL MECHANICAL WORK AND EQUIPMENT IN THIS ROOM SHALL BE RATED FOR A CLASS I, DIVISION 1, GROUPS C AND D LOCATION.
- 6"Ø EA @ EL. 856.93 FROM EF THROUGH EXISTING WALL. TERMINATE 6"Ø EA WITH WC-6 WALL CAP.
- PROVIDE EXHAUST GRILLE WITH BALANCING DAMPER. BOTTOM OF OPENING SHALL BE 8" AFF. BALANCE TOTAL EXHAUST THRU THIS GRILLE WITH TOTAL SUPPLY AIR TO ROOM 8004.
- MOUNT SS-80-01 OUTDOOR UNIT TO EXTERIOR WALL ON SST WALL BRACKET. ANCHOR BRACKET DIRECTLY TO BLOCK WALL. CUT AND PATCH EXTERIOR STUCCO FACING TO MATCH ADJACENT WALL AROUND BRACKET SUPPORT MEMBERS.
- MOUNT SS-80-01 INDOOR UNIT TO INSIDE FACE OF WALL BOTTOM AT 7'-0" AFF. ROUTE CONDENSATE DRAIN FROM UNIT ALONG WALL TO DRAIN TO OPEN RECEPTOR UNDER SK-1. CORE HOLES IN EXISTING WALL AND ROUTE REFRIGERANT PIPING FROM INDOOR UNIT THROUGH WALL TO OUTDOOR UNIT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SEALED PIPE PENETRATIONS IN ACCORDANCE WITH SPECIFICATIONS.
- EXISTING WATER METER TO REMAIN. RECONNECT EXISTING GROUNDING CLAMP, GROUND WIRE, AND HARDWARE TO NEW WATER PIPING AT METER.
- ROUTE PIPING STACKED ALONG WALL.
- PIPING SHALL BE ROUTED TIGHT TO CEILING AND CONCEALED WITHIN WALL WHERE POSSIBLE.
- MOUNT SS-80-01 SYSTEM REMOTE CONTROLLER IN WALL BRACKET ON WALL IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS AND IN LOCATION APPROVED BY OWNER.
- ROUTE DRAIN FROM RPZ BACKFLOW PREVENTER DOWN TO HUB DRAIN.
- COORDINATE CONNECTION SIZE WITH EQUIPMENT.
- CONNECT TO EXISTING NPW PIPE.
- TIE HUB DRAIN INTO SINK DRAIN.
- ROUTE DRAIN FROM SPILL CONTAINMENT PALLET (ON EQUIPMENT PLATFORM UNDER WATER HEATERS) , FROM MAU-80-01 BURNER CONDENSATE DRAIN (ON EQUIPMENT PLATFORM), AND CONDENSATE DRAIN FROM SPLIT SYSTEM (SS-80-01) INDOOR UNIT TO HUB DRAIN UNDER SINK.
- MOUNT MAU-80-01 CONTROL PANEL ON WALL BELOW SS-80-01 INDOOR UNIT. TOP OF PANEL SHALL BE 5'-0" AFF. LOCATE PANEL SO NO CONDENSATE DRAIN PIPING IS ABOVE IT AND MAINTAIN MINIMUM CLEARANCE FROM FRONT OF OTHER CONTROL PANELS PER APPLICABLE CODES.

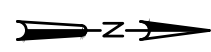
HAULED WASTE RECEIVING FACILITY
HVAC AND PLUMBING - FLOOR PLAN
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN



EQUIPMENT PLATFORM PLAN



TRUE
NORTH



PLAN
NORTH

GENERAL NOTES:

- COORDINATE MECHANICAL WORK WITH ALL OTHER TRADES INVOLVED. CONTRACTOR IS RESPONSIBLE FOR ALL PIPING AND DUCTWORK OFFSETS REQUIRED FOR COMPLETE SYSTEM INSTALLATION.
- INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION, AND APPLICABLE CODES.
- ALL WORK TO BE COMPATIBLE WITH BUILDING CONSTRUCTION CLASS AND OCCUPANCY.
- DESIGN INTENT IS TO INDICATE GENERAL ARRANGEMENT. DESIGN AND INTENT OF WORK, AND IS PARTIALLY DIAGRAMMATIC, DRAWING SHALL NOT BE SCALED.
- ALL PIPE AND DUCT LOCATIONS AND ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL NEW PIPE AND DUCT ROUTING AND ELEVATIONS PRIOR TO FABRICATION AND INSTALLATION.
- FIELD VERIFY AND COORDINATE ALL PIPING DIMENSIONS PRIOR TO FABRICATION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PIPING AND DUCT OFFSETS REQUIRED FOR COMPLETE SYSTEM INSTALLATIONS.
- SEE WASTE AND VENT SCHEMATIC FOR ADDITIONAL INFORMATION.
- ROUTE PIPING AND APPURTENANCES TO MAINTAIN CLEARANCE FOR EQUIPMENT MAINTENANCE AS RECOMMENDED BY THE EQUIPMENT MANUFACTURER.
- CONTRACTOR SHALL REUSE EXISTING ROOF PENETRATIONS WHERE POSSIBLE. COORDINATE ALL ROOF PENETRATIONS WITH OWNER PRIOR TO INSTALLATION.

KEY NOTES:

- MOUNT EF AND DUCTWORK IN EXISTING 24"x24" WALL OPENING INFILLED TO SIZE OF NEW DUCT AND EF.
- 31"x32" TO 18"x18" SA TRANSITION FROM UNIT CONNECTION TO 18"x18" ELBOW. ROUTE DUCT VETICALLY TO T.O.D EL 863.22. RUN DUCT NORTH FOR APPROXIMATELY 4'-0"
- 12"x12" SA TURN DOWN AND PENETRATE THROUGH FLOOR INTO ROOM 8004.
- ALL MECHANICAL WORK AND EQUIPMENT IN THIS ROOM AND WITHIN A 3'-0" RADIUS OF EXHAUST FAN EXHAUST SHALL BE RATED FOR A CLASS I, DIVISION 1, GROUPS C AND D LOCATION.
- PROVIDE SEDIMENT TRAP, SHUT OFF VALVE, AND REGULATOR PRIOR TO EQUIPMENT CONNECTION. REGULATE GAS TO THE EQUIPMENT MANUFACTURER'S RECOMMENDED OPERATION PRESSURE.
- 6"Ø FLUE GAS AND COMBUSTION INTAKE ROUTE FROM MAU CONNECTION TO CONCENTRIC VENT KIT. REUSE EXISTING OPENING FOR EXHAUST TERMINAL.
- RECONNECT TO EXISTING NATURAL GAS PIPING, CONNECTIONS AND PIPE SIZE ARE TO BE FIELD VERIFIED.
- ROUTE NATURAL GAS PIPING ALONG CEILING AND THROUGH EXISTING JOISTS. ROUTE IS TO BE FIELD VERIFIED.
- ROUTE 12"x12" SA DUCT THROUGH ROOF JOIST OPENINGS. ROUTE IS TO BE FIELD VERIFIED.
- ROUTE 18"x18" SA DOWN AND TURN NORTH TO T.O.D EL 860.72. ROUTE DUCT THROUGH WALL AND TURN EAST.
- 16"x16" EA ELBOW DOWN. DAMPER SHALL BE MOUNTED IN VERTICAL DUCT. TURN NORTH AND ROUTE DUCT WITH T.O.D EL 858.86.
- PROVIDE RUBBER VIBRATION ISOLATOR FOR UNIT MOUNTING. REFER TO DETAILS **B** AND **C** **99-PH6.01**
- PROVIDE SPILL CONTAINMENT PALLET AS SPECIFIED IN DIVISION 10. PROVIDE 3/4" DRAIN PIPE FROM CONTAINMENT PALLET DRAIN FITTING ROUTED THROUGH DECK DOWN TO HUB DRAIN IN THE CONTROL ROOM (8003) BENEATH SK-1.
- PROVIDE CONDENSATE DRAIN FROM MAU-80-01 BURNER DRAIN PAN. ROUTE DRAIN DOWN THROUGH DECK, BETWEEN JOISTS, DOWN SOUTH WALL TO HUB DRAIN IN THE CONTROL ROOM (8003) BENEATH SK-1.

DATE:	10/20/2022								
REVISIONS									
NO.	1								

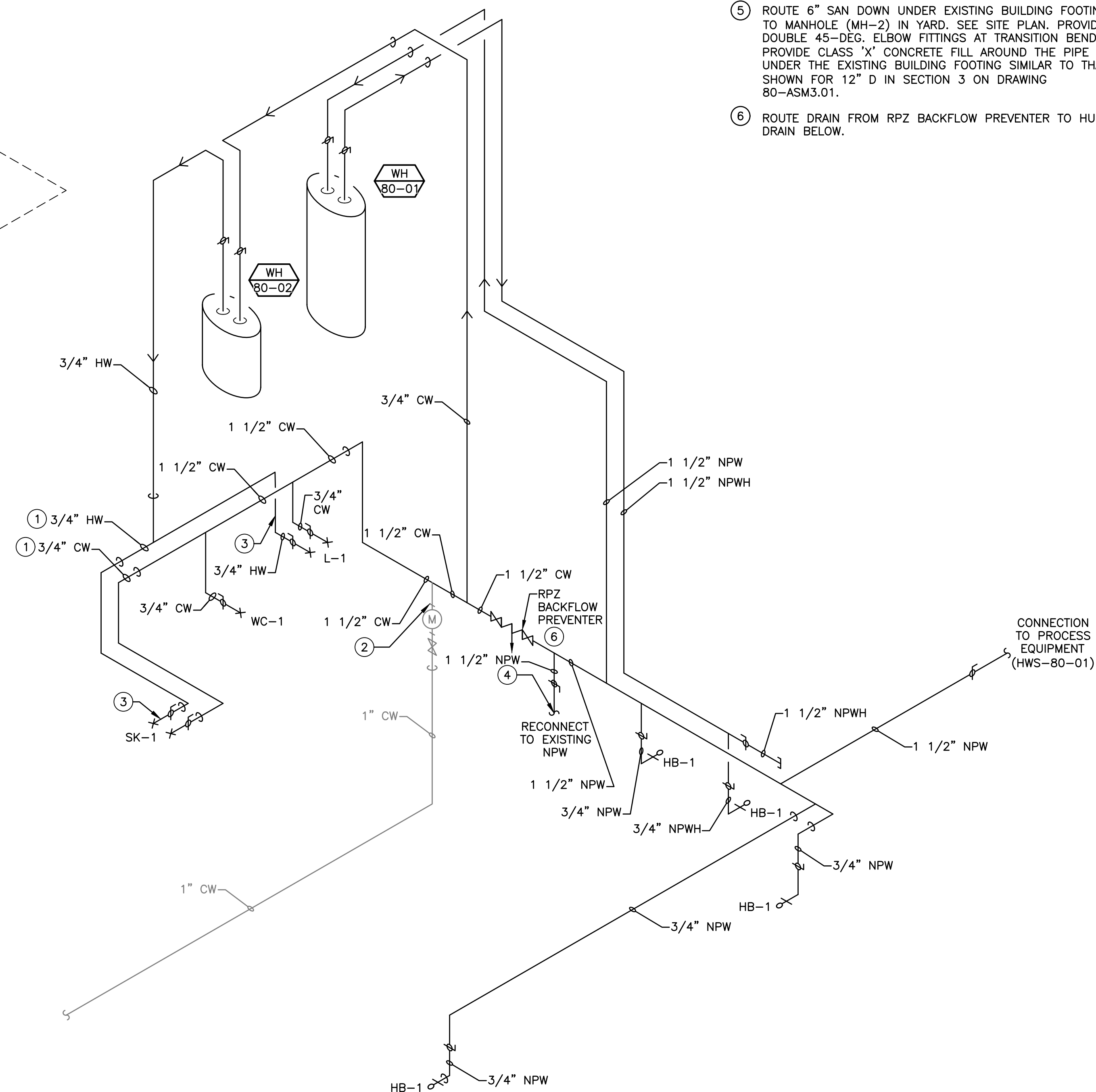
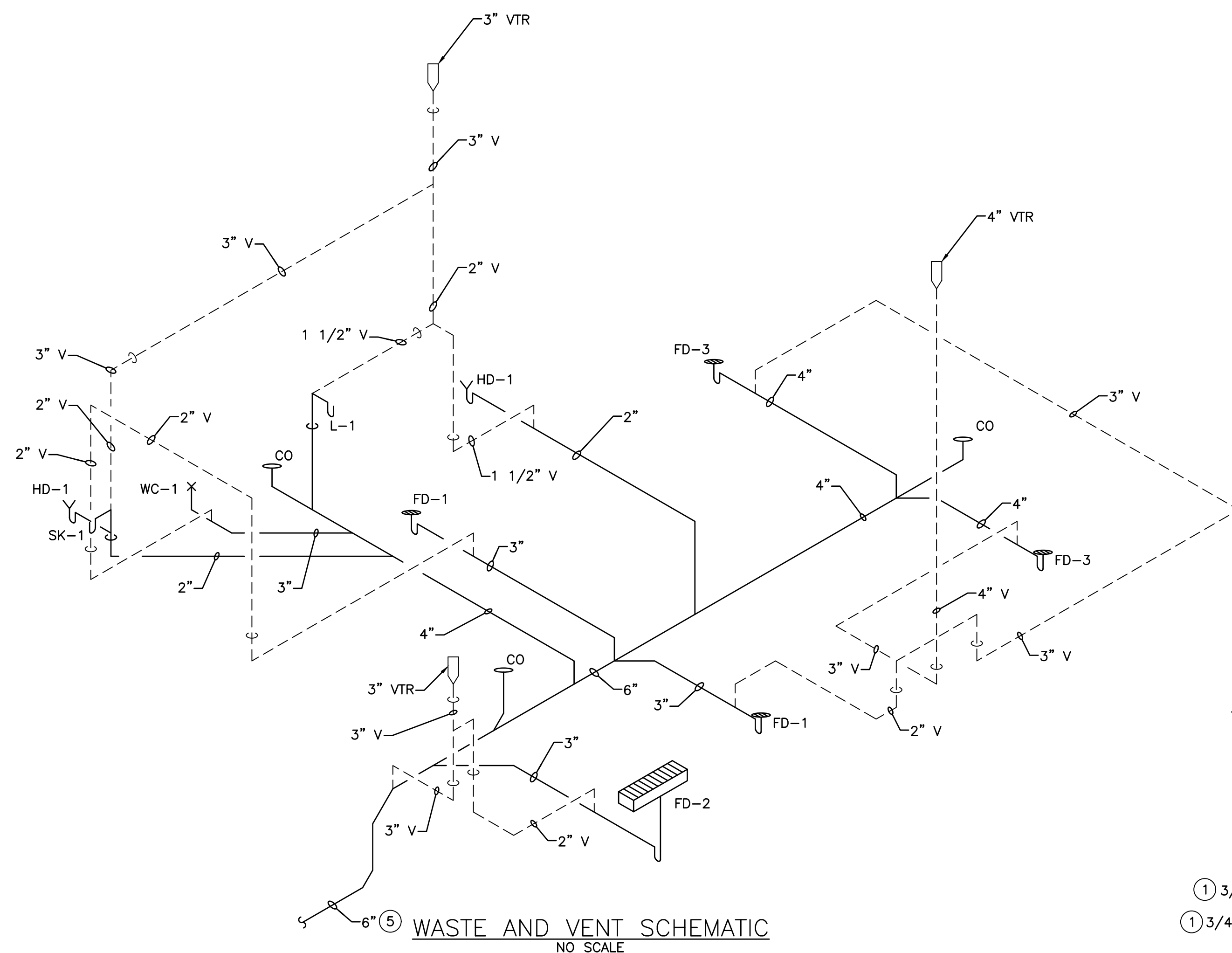
HAULED WASTE RECEIVING FACILITY
HVAC AND PLUMBING - EQUIPMENT PLATFORM PLAN
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002

PROJECT MGR.
BRENT SCHUSTER



SHEET
15
80-HP1.02



KEY NOTES:

- ① PIPING SHALL BE ROUTED TIGHT TO CEILINGS AND WALLS, AND SHALL BE CONCEALED WITHIN WALL WHERE PRACTICAL.
- ② CONNECT TO EXISTING OUTLET OF WATER METER. PROVIDE REDUCER FITTING TO INCREASE FROM EXISTING PIPE SIZE TO 1-1/2" CW.
- ③ PROVIDE LAVATORY THERMOSTATIC MIXING VALVE UNDER THE LAVATORY AND SINK AS SPECIFIED.
- ④ CONNECT NEW 1-1/2" NPW TO EXISTING NPW PIPING TO SUPPLY THE EXISTING HOSE BIBB ON THE EAST WALL NEAR OVERHEAD SECTIONAL DOOR. PROVIDE TRANSITION FITTINGS AS REQUIRED FROM NEW 1-1/2" NPW TO EXISTING PIPE SIZE.
- ⑤ ROUTE 6" SAN DRAIN UNDER EXISTING BUILDING FOOTING TO MANHOLE (MH-2) IN YARD. SEE SITE PLAN. PROVIDE DOUBLE 45-DEG. ELBOW FITTINGS AT TRANSITION BENDS. PROVIDE CLASS "X" CONCRETE FILL AROUND THE PIPE UNDER THE EXISTING BUILDING FOOTING SIMILAR TO THAT SHOWN FOR 12" D IN SECTION 3 ON DRAWING 80-ASM3.01.
- ⑥ ROUTE DRAIN FROM RPZ BACKFLOW PREVENTER TO HUB DRAIN BELOW.

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PLUMBING SCHEMATICS

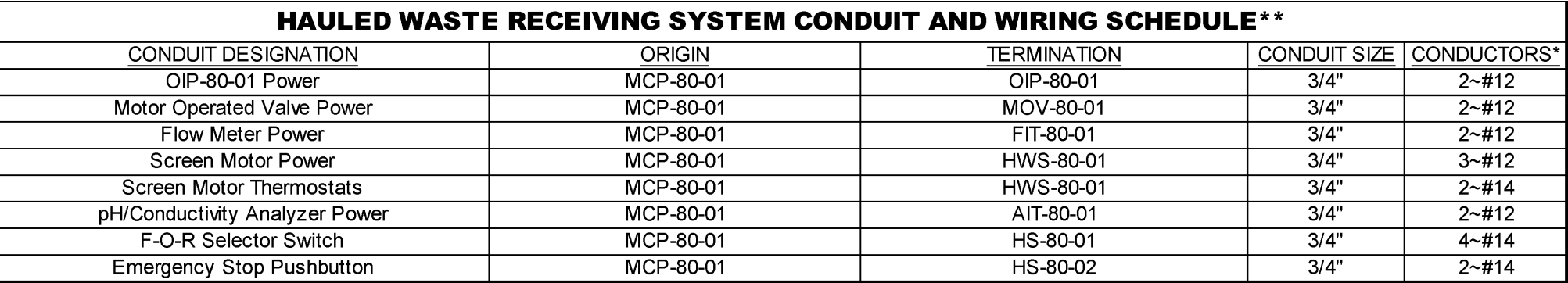
**WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN**

JOB NO.
2679.002

PROJECT MGR.
BRENT SCHUSTER



**SHEET
16
80-P7.01**



GENERAL NOTES:

1. ALL 120V/208V EQUIPMENT ON THIS SHEET SHALL BE POWERED FROM PANEL LP-1 (SUBPANEL), UNLESS OTHERWISE NOTED.
2. ALL 480V EQUIPMENT ON THIS SHEET SHALL BE POWERED FROM DISTRIBUTION PANEL, UNLESS OTHERWISE NOTED.

KEY NOTES:

- 1 ALL ELECTRICAL WORK AND EQUIPMENT IN THIS AREA SHALL BE RATED FOR A CLASS 1, DIVISION 1, GROUPS C AND D LOCATION.
- 2 EXHAUST FAN SHALL BE ENERGIZED WHEN THE ROOM LIGHT SWITCH IS IN THE ON POSITION.
- 3 PROVIDE 3~#12 AND #12 GROUND IN 3/4" CONDUIT FROM OUTDOOR UNIT TO INDOOR UNIT FOR POWER AND CONTROL TO INDOOR UNIT.
- 4 EQUIPMENT PROVIDED BY DIVISION 46 AND WIRED TO THE HAULED WASTE RECEIVING SYSTEM MOTOR CONTROL PANEL (MCP-80-01) BY DIVISION 26. REFER TO THE HAULED WASTE RECEIVING SYSTEM CONDUIT AND WIRE SCHEDULE SHOWN ON THIS DRAWING AND TO THE HAULED WASTE RECEIVING SYSTEM I/O LIST AT THE END OF SPECIFICATION SECTION 46 21 83 FOR WIRING ASSOCIATED WITH THE HAULED WASTE RECEIVING SYSTEM MOTOR CONTROL PANEL AND OPERATOR INTERFACE PANEL. DIVISION 26 SHALL PROVIDE ALL CONDUIT AND WIRING.
- 5 INSTALL EACH MANUFACTURER-FURNISHED CABLE IN A DEDICATED 3/4" CONDUIT FROM FLOW METER TO TRANSMITTER.
- 6 REMOVE EXISTING DISTRIBUTION PANEL AND INSTALL NEW DISTRIBUTION PANEL IN SAME SPACE TO ALLOW EXISTING WIRING TO BE RECONNECTED TO THE NEW PANEL. MODIFY AND EXTEND EXISTING CONDUIT AND RECONNECT EXISTING WIRING TO NEW PANEL AS REQUIRED TO MAINTAIN EXISTING FUNCTIONALITY.
- 7 PROVIDE NEW CIRCUIT BREAKER WITHIN EXISTING SPACE IN LP-1, AS SHOWN ON 99-E6.01. LP-1 IS A 125-AMP, 120/208-VOLT, THREE-PHASE, FOUR WIRE, SQUARE D QO LOADCENTER. PROVIDE 3~#6 AND #10 GROUND IN 1" CONDUIT FROM LP-1 TO LP-1 (SUBPANEL).
- 8 PROVIDE A NEMA 12 JUNCTION BOX WITH TERMINAL BLOCKS TO INTERFACE WITH SAMPLE CONTROL CABLE. PROVIDE CROUSE-HINDS CGB FITTING ON BOTTOM OF BOX FOR CONTROL CABLE ENTRY.
- 9 OVERHEAD DOOR CONTROLS FURNISHED AS SPECIFIED IN DIVISION 08 AND INSTALLED AND WIRED BY DIVISION 26. REFER TO DIVISION 08 OF THE SPECIFICATIONS FOR OPERATING DESCRIPTION AND ADDITIONAL CONTROLS TO BE INSTALLED AND WIRED BY DIVISION 26.
- 10 MAU-80-01 CONTROL PANEL PROVIDED BY DIVISION 23. REFER TO DETAIL B 99-PH6.01 FOR WIRING ASSOCIATED WITH MAU-80-01 AND MAU-80-01 CONTROL PANEL.
- 11 INSTALL MANUFACTURER-FURNISHED CABLE IN 3/4" CONDUIT FROM EACH PROBE TO ASSOCIATED TRANSMITTER.
- 12 ALL ELECTRICAL CONNECTIONS TO SCREEN SHALL BE PROVIDED TO ALLOW FOR THE UNIT TO BE ROTATED AND REMOVED FROM THE TANK WITHOUT DISCONNECTION.
- 13 PROVIDE 3/4" CONDUIT FROM L-1 SUBPANEL TO FUTURE SCADA INTERFACE PANEL LOCATION.
- 14 PROVIDE 3/4" CONDUIT FROM MCP-80-01 TO FUTURE SCADA INTERFACE PANEL LOCATION.
- 15 PROVIDE A 120V DUCT SMOKE DETECTOR AS MANUFACTURED BY SIMPLEX, MODEL 4098-9687, OR EQUAL. PROVIDE RED 24VDC HORN/STROBE AS MANUFACTURED BY SIMPLEX, MODEL 4093, OR EQUAL. PROVIDE CONDUIT AND WIRING FROM DUCT SMOKE DETECTOR TO REMOTE TEST SWITCH, RELAY ENCLOSURE, AND HORN/STROBE AS REQUIRED. POWER TO DUCT SMOKE DETECTOR, RELAY, AND HORN/STROBE UNIT SHALL BE FROM THE RELAY ENCLOSURE. PROVIDE A POWER SUPPLY FOR HORN/STROBE AS REQUIRED. REFER TO B/99-PH6.01 FOR ADDITIONAL WIRING ASSOCIATED WITH THE DUCT SMOKE DETECTOR. THE HORN/STROBE DEVICE SHALL BE ACTIVATED ANYTIME THE SMOKE IS DETECTED.

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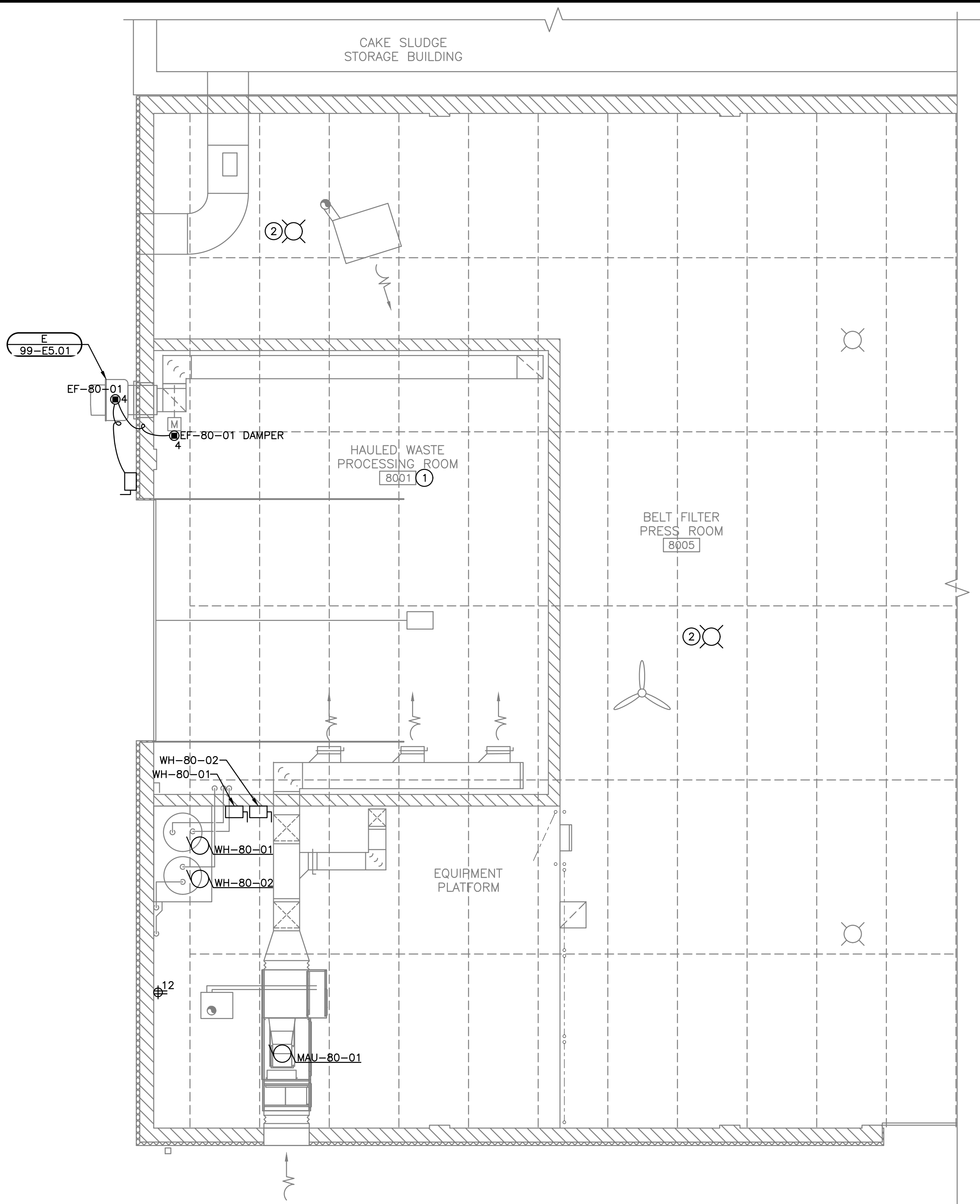
HAULED WASTE RECEIVING FACILITY
ELECTRICAL - FLOOR PLAN
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002

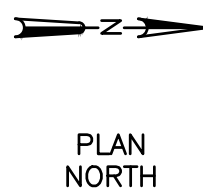
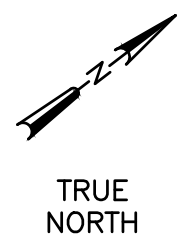
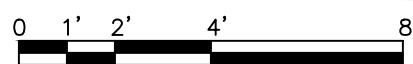
PROJECT MGR.
BRENT SCHUSTER



SHEET
17
30-E1.01



EQUIPMENT PLATFORM PLAN



GENERAL NOTES:

1. SEE 80-E1.01 FOR GENERAL NOTES.

KEY NOTES:

- ① ALL ELECTRICAL WORK AND EQUIPMENT IN THIS AREA SHALL BE RATED FOR A CLASS I, DIVISION 1, GROUPS C AND D LOCATION.
- ② RELOCATED LIGHT FIXTURE. MODIFY AND EXTEND EXISTING CONDUIT AND WIRING AS REQUIRED.

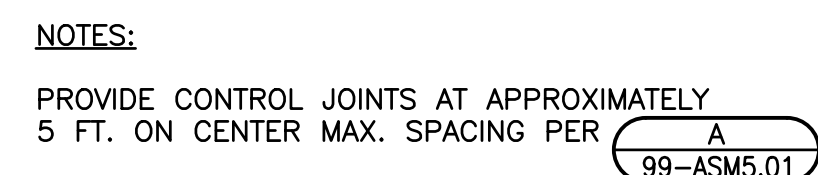
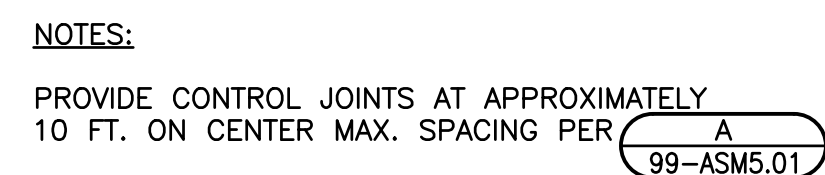
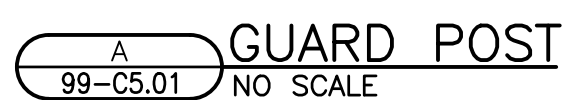
NO.	REVISIONS	DATE
1	ISSUED FOR OWNER REVIEW	10/20/2022

HAULED WASTE RECEIVING FACILITY
ELECTRICAL - EQUIPMENT PLATFORM AND ROOF PLANS
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



SHEET
18
80-E1.02



-
- The image contains three cross-section diagrams of a concrete curb, each with specific dimensions and labels.
- STANDARD SECTION:**
 - Top width: 2'-0"
 - Top width (inner): 1'-6"
 - Top width (outer): 6"
 - Height: 7 1/2"
 - Radius: 1'-0"
 - Vertical offset: 1"
 - Vertical offset: 4 1/2"
 - Label: APPROXIMATE 2" RADIUS
 - DRIVEWAY SECTION:**
 - Top width: 2'-0"
 - Top width (inner): 1'-6"
 - Top width (outer): 6"
 - Height: 7 1/2"
 - Vertical offset: 6 1/2"
 - Label: APPROXIMATE 2" RADIUS
 - REJECT SECTION:**
 - Top width: 2'-0"
 - Top width (inner): 1'-6"
 - Top width (outer): 6"
 - Height: 6"
 - Radius: 1'-0"
 - Vertical offset: 1" VARIES MIN. 2" MAX.
 - Label: APPROXIMATE 2" RADIUS

24" CONCRETE CURB AND GUTTER

[illegible]

CIVIL DETAILS

**WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN**

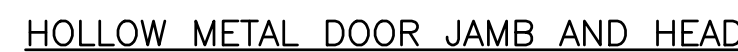
JOB NO.
2679.002

PROJECT MGR.
BRENT SCHUSTER

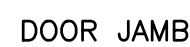


SHEET
19
99-C5.01

1. LINTEL NOT SHOWN, SEE SCHEDULE AND DETAILS FOR LINTEL TYPE AT HEAD OF DOORS
2. GROUT TO FILL DOOR FRAMES AFTER SETTING PER MFR. INSTRUCTIONS.
3. JAMB SHOWN IN DETAILS. HEAD CONSTRUCTION SIM.

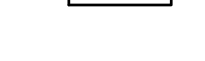


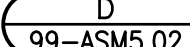
DOOR DETAILS



B LINTEL DETAILS
99-ASM.02 NO SCALE

1. LINTELS ARE REQUIRED OVER ALL MASONRY OPENINGS.
2. LINTELS SHALL HAVE A MINIMUM BEARING OF 8".
3. GROUT MASONRY FULL 16" EACH SIDE OF OPENINGS UNDER ALL LINTELS TO FLOOR.
4. LINTEL ASSEMBLIES IN EXTERIOR WALLS SHALL BE HOT-DIPPED GALVANIZED.

TYPE	MISCELLANEOUS LINTELS
TYPE B-1	LINTEL BLOCK  2~#5 CONTINUOUS
TYPE A-2	INSULATION AND STUCCO FACING TO MATCH EXISTING  WT 8x18



C REMOVABLE ALUMINUM RAILING
99-ASM5.02 NO SCALE

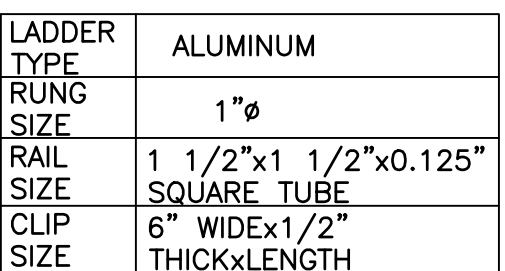
- 1 ALL RAILS & POSTS SHALL BE ALUMINUM. ALL ACCESSORIES SHALL BE ALUMINUM OR STAINLESS STEEL.
- 2 ALL RAIL SYSTEMS SHALL MEET OSHA PERFORMANCE STANDARDS FOR PUBLIC AND INDUSTRIAL APPLICATIONS AND APPLICABLE LOCAL BUILDING CODE.



REMOVABLE RAILING SIDE MOUNTING
NO SCALE



E SWING GATE
99-ASM5.02 NO SCALE



NOTES:

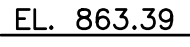
1. LADDERS SHALL BE FABRICATED OF ALUMINUM.
2. ANCHOR LADDERS TO WALLS AND FLOOR PER MFR. REQUIREMENTS SUBJECT TO ENGINEER REVIEW.

F LADDER
99-ASM5.02 NO SCALE

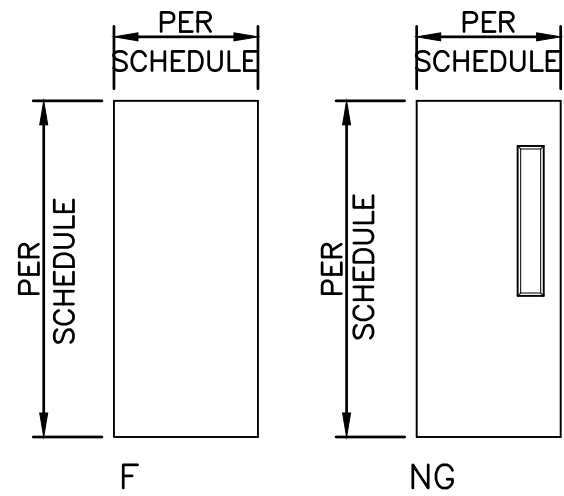


G LADDER AT LANDING
99-ASM5.02 NO SCALE

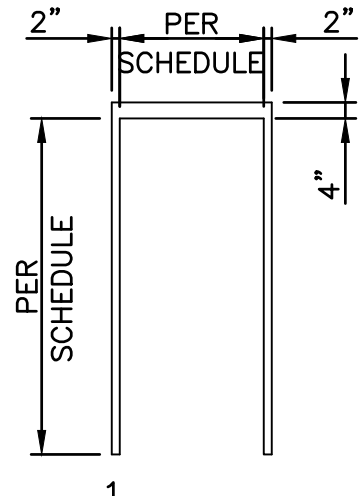
H JOIST WALL PENETRATION
99-ASM5.02 NO SCALE



CMU CONNECTION TO METAL DECK



DOOR TYPES
NO SCALE



FRAME TYPES
NO SCALE

DOOR SCHEDULE																
DOOR NUMBER	DOOR						FRAME		LABEL	HARDWARE GROUP		LINTEL	DETAILS			NOTES
	SIZE	MATERIAL	TYPE		SWING		TYPE	MATERIAL		TYPE	HEAD	JAMB	SILL			
			ACTIVE	INACTIVE	ACTIVE	INACTIVE										
STR 80- BELT FILTER PRESS BUILDING																
8001A	3'-0" x 7'-0"	IHM	F	--	LHR	--	1	STL	--	1	--	A-2			1, 4	
8001B	14'-0" x 11'-6"	IHM	IOSD	--	--	--	---	STL	--	ELECTRIC; 1/2 HP, 120V, 1 PH		EXIST.			2, 3	
8002A	3'-0" x 7'-0"	IHM	F	--	RH	--	1	STL	--	3	--	B-1			1, 4	
8003A	3'-4" x 7'-0"	IHM	NG	--	RHR	--	1	STL	--	1	--	EXIST.			2, 3	
8004A	3'-0" x 7'-0"	IHM	NG	--	RHR	--	1	STL	--	1	--	A-2			1, 4	
8004B	3'-0" x 7'-0"	IHM	HG	--	RH	--	1	STL	--	2	--	B-1			1, 4	
LEGEND:																
		MATERIAL					TYPE			SWING						
	IHM	=	INSULATED HOLLOW METAL			F	=	FLUSH (NO GLASS)	LH	=	LEFT HAND					
	STL	=	STEEL			HG	=	HALF GLASS	RH	=	RIGHT HAND					
						IOSD	=	INSULATED OVERHEAD SECTIONAL DOOR	LHR	=	LEFT HAND REVERSE					
						NG	=	NARROW GLASS	RHR	=	RIGHT HAND REVERSE					
NOTES:																
1. SEE DETAIL B/99-ASM5.02 FOR LINTEL DETAILS.																
2. EXISTING LINTEL TO REMAIN. SAND AND PAINT EXISTING LINTEL AS SPECIFIED.																
3. CONTRACTOR SHALL FIELD VERIFY EXISTING OPENING DIMENSIONS AND CHARACTERISTICS. COORDINATE AND CONFIRM WITH DOOR SUPPLIER FOR SHOP DRAWINGS AND PROPER INSTALLATION.																
4. SEE DETAIL A/99-ASM5.02 FOR DOOR JAMB AND HEAD DETAILS.																

LINTEL SCHEDULE			
LOCATION	OPENING TYPE	OPENING CLEAR WIDTH(S)	LINTEL TYPE
80 - BELT FILTER PRESS BUILDING			
ROOM 8001 - EAST WALL	HVAC DUCT (EXHAUST)	1'-0"	B-1
ROOM 8001 - EAST WALL	HVAC DUCT (SUPPLY)	1'-6"	B-1
EQUIPMENT PLATFORM - EAST WALL	LOUVER L-80-01	1'-8"	A-2
NOTES:			
1. SEE DOOR AND WINDOW SCHEDULES FOR LINTELS AT DOORS AND WINDOWS			
2. SEE DETAIL B/99-ASM5.02 FOR LINTEL TYPES AND DETAILS			

CLEAR COVER TO REINFORCING BARS	
ITEM	MINIMUM CLEAR COVER
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH, LIQUID, OR WEATHER	2"
SLABS, WALLS, OR JOISTS NOT EXPOSED TO WEATHER, LIQUID, OR IN CONTACT WITH GROUND	1"
BEAMS AND COLUMNS NOT EXPOSED TO WEATHER, LIQUID, OR IN CONTACT WITH GROUND	1 1/2"
NOTES:	
1. CLEAR COVER IS MEASURED FROM MEMBER FACE TO NEAREST EDGE OF REINFORCING BAR	
2. CLEAR COVER FOR BEAMS AND COLUMNS IS MEASURED TO NEAREST EDGE OF STIRRUPS.	
3. FOR WALLS AND SLABS WITH SINGLE MAT OF REINFORCING, PLACE REBAR WHERE SHOWN ON THE DRWGS. WHERE COVER IS NOT INDICATED, CENTER SINGLE MAT OF REINFORCING IN WALL OR SLAB.	

ALLOWABLE STRESSES AND LOADS	
MATERIAL	MATERIAL STRESS, DESIGNATION, OR ALLOWABLE LOAD
CIP CONCRETE	f'_c = 4000 psi
CONCRETE MASONRY	f'_m = 2500 psi
REINFORCING STEEL (GRADE 60)	F_y = 60 ksi
STRUCTURAL STEEL	F_y = 36 ksi or 50 ksi
STRUCTURAL ALUMINUM (6061-T6)	F_y = 35 ksi
WELDING ELECTRODES	E70XX
ANCHOR BOLTS	ASTM F1554 GRADE 36
CONNECTION BOLTS	ASTM A325
ALLOWABLE SOIL BEARING (NET):	2000 PSF

MINIMUM LAP LENGTHS FOR REINFORCING BARS				
BAR SIZE	WALLS		SLABS	
	VERT. BARS	HORIZ. BARS	TOP MAT BARS	BOTTOM MAT BARS
#4	1'-6"	1'-10"	1'-10"	1'-6"
#5	1'-9"	2'-2"	2'-2"	1'-9"
#6	2'-0"	2'-7"	2'-7"	2'-0"
#7	2'-11"	3'-8"	3'-8"	2'-11"
#8	3'-3"	4'-2"	4'-2"	3'-3"
#9	4'-0"	5'-2"	5'-2"	4'-0"
#10	4'-11"	6'-4"	6'-4"	4'-11"
#11	5'-10"	7'-8"	7'-8"	5'-10"
NOTES:				
1. WHERE TWO BARS OF DIFFERENT SIZE ARE LAPPED, USE LAP LENGTH FOR SMALLER BAR.				
2. USE LAP LENGTHS IN THIS TABLE WHERE LAP LENGTH IS NOT SHOWN ON DRAWING.				
3. TABLE DOES NOT APPLY FOR BEAMS AND COLUMNS.				

ROOM FINISH SCHEDULE									
ROOM NO.	ROOM NAME	FLOOR	BASE	N. WALL	E. WALL	S. WALL	W. WALL	CEILING	NOTES
								TYPE HGT.	
STR 80- BELT FILTER PRESS BUILDING									
8001	HAULED WASTE PROCESSING ROOM	F1	-	W1	W1	W1/W2	W1	-	15'-0" TO 15'-6"
8002	UNISEX RESTROOM	F2	-	W1	W1	W1/W2	W1	C1	7'-10"
8003	HWRS CONTROL ROOM	F2	-	W1	W1/W2	W2	W1	C1	7'-10"
8004	HAULED WASTE RECEIVING ROOM	F1	-	W1	W1/W2	W1	W1	C1	7'-10"
8005	BELT FILTER PRESS ROOM	-	-	-	W1	W1	-	-	15'-0" TO 15'-6"
-	EQUIPMENT PLATFORM	F3	-	-	W1/W2	W2	W1	-	6'-3" TO 6'-6"
LEGEND:									
FLOOR		BASE		WALL		CEILING			
CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION	CODE	DESCRIPTION		
F1	SEALED CONCRETE - LIGHT BROOM FINISH	B1	VINYL BASE	W1	PAINTE DRYWALL	C1	PAINTED DRYWALL		
F2	SEALED CONCRETE - LIGHT TROWELED FINISH			W2	PAINT EXIST. CONCRETE BLOCK	C2	FRP CEILING PANEL		
F3	3/4" PLYWOOD			W3	FRP WALL PANEL	C3	PAINT EXIST. METAL CEILING		
				W4	PAINTED DRYWALL				
NOTES:									
1. PAINT ONLY THE NEW CONCRETE BLOCK WALLS ON THE EAST AND SOUTH SIDES OF THE ROOM. EXISTING WALLS IN THIS ROOM NEED NOT BE PAINTED.									

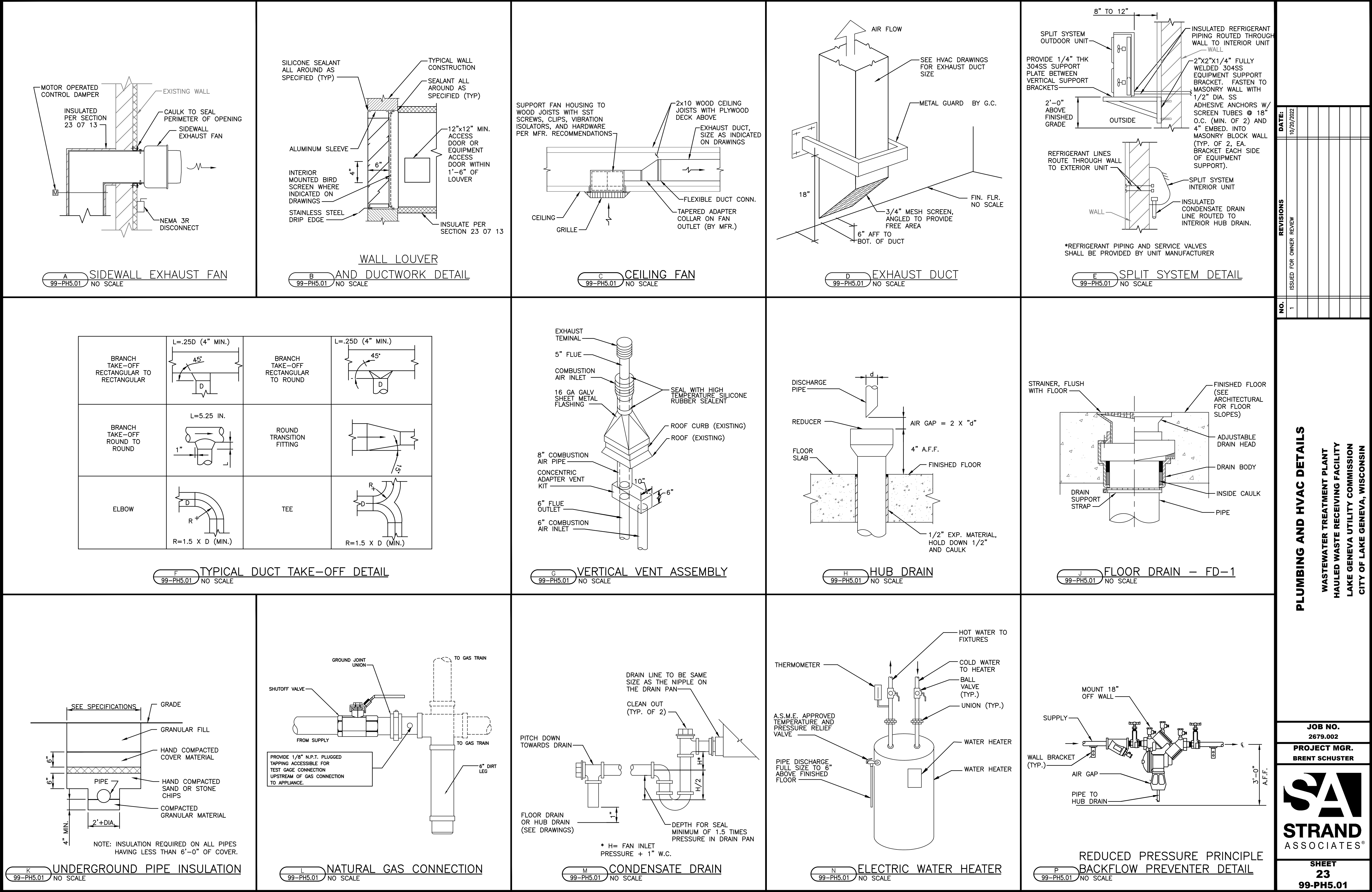
ARCHITECTURAL/STRUCTURAL/MECHANICAL
SCHEDULES
WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
PROJECT MGR.
BRENT SCHUSTER



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22
99-ASM6.01

DATE:	10/20/2022								
REVISIONS	ISSUED FOR OWNER REVIEW								
NO.	1								



SPLIT SYSTEM SCHEDULE																					
UNIT NO.	LOCATION	SERVICE	DAIKIN MODEL NO.		FAN SECTION		COOLING COIL SECTION			HEATING CAPACITY SECTION			ELECTRICAL SECTION						OPERATING WEIGHT (LBS.)	REMARKS	
			(INDOOR UNIT)	(OUTDOOR UNIT)	SUPPLY AIR (CFM)	QUANTITY	SENSIBLE CAPACITY (BTU/H)	TOTAL CAPACITY (BTU/H)	EAT DB/WB (°F)	SUPPLY AIR (CFM)	LOAD (BTU/H)	TOTAL CAPACITY (BTU/H)	EAT DB/WB (°F)	VOLTAGE	PHASE	FLA (INDOOR/OUTDOOR)	SYSTEM MCA	BREAKER SIZE (INDOOR/OUTDOOR)			STARTER & DISCONNECT BY
SS-80-01	CONTROL ROOM	CONTROL ROOM	FTK09AXVJU	RKB09AXVJU	1083	1	8,040	8,800	80/67	—	—	—	—	208	1	0.3/0.38	7.0	—	DIV. 26	53	①②

- ① PROVIDE PRECHARGED REFRIGENT PIPING KIT, SIZE AND LENGTH AS REQUIRED.
- ② PROVIDE LOW AMBIENT KIT FOR UNIT.

MAKE UP AIR UNIT SCHEDULE																				
UNIT NO.	LOCATION	SERVICE	GREENHECK MODEL NO.	ARRANGEMENT	AIRFLOW (CFM)	EXT. STATIC PRESSURE (IN W.C.)	FILTER TYPE	NATURAL GAS HEATING SECTION						ELECTRICAL				STARTER/DISCONNECT BY	OPERATING WEIGHT (LBS.)	REMARKS
								MAX. PRESSURE (IN PSI)	MIN. PRESSURE (IN W.C.)	INPUT (MBH)	OUTPUT (MBH)	EAT (°F)	LAT (°F)	MOTOR (HP)	VOLTAGE	PHASE	MCA/MOCP			
MAU-80-01	EQUIPMENT PLATFORM	HAULED WASTE/PROCESSING	IGX-110-H12-I	HORIZONTAL	2,600	1.0	2" ALUMINUM	0.5	6	250	200	-10	61.2	1.5	460	3	4.6/15	MANUFACTURER	890	

FAN SCHEDULE																	
UNIT NO.	LOCATION	SERVICE	MANUFACTURER	MODEL NO.	AIRFLOW (CFM)	EXT. S.P. (IN. W.C.)	MOTOR SIZE (HP)	FAN TYPE	MOTOR TYPE	DRIVE	SOUND POWER (SONES)	ELECTRICAL				OPERATING WEIGHT (LBS.)	REMARKS
												VOLTAGE	PHASE	STARTER BY	DISCONNECT BY		
EF-80-01	SOUTH WALL	HAULED WASTE PROCESSING	GREENHECK	CUE-160-B	2,600	0.5	0.5	UPBLAST	TEFC	BELT	13.9	115	1	DIV 26	DIV. 26	95	①
EF-80-02	RESTROOM	RESTROOM	GREENHECK	SP-LP0511	70	0.5	FRAC.	CEILING	TEAO	INLINE	—	115	1	—	DIV. 26	8	

- ① FAN SHALL BE SUITABLE FOR CLASS I, DIV. 1 ENVIRONMENTS.

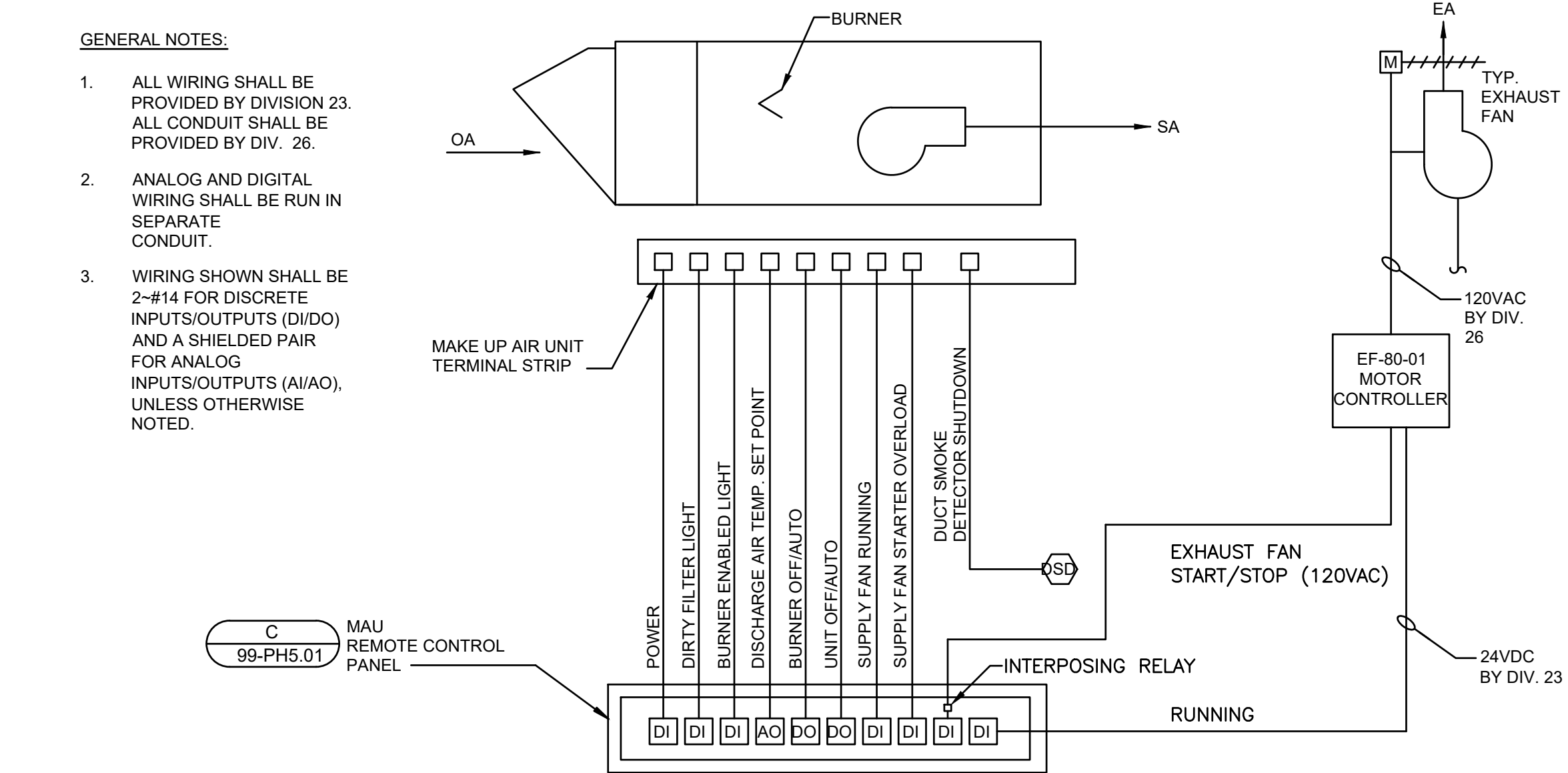
WALL LOUVER SCHEDULE															
UNIT NO.	LOCATION	SERVICE	MANUFACTURER	MODEL NO.	AIRFLOW (CFM)	WIDTH (IN)	HEIGHT (IN)	BLADE DEPTH (IN)	MAX. APD (IN WG)	MAX. FACE VEL. (FPM)	FREE AREA (SQ. FT.)	SCREEN		BOTTOM ELEVATION	REMARKS
												TYPE	LOCATION		
L-80-01	EQUIPMENT PLATFORM	MAU-80-01	GREENHECK	ESD-635	2,600	32	32	0.081	0.07	696	3.75	BIRD	INTERIOR	857.72	

ELECTRIC HEATER SCHEDULE										
UNIT NO.	LOCATION	MANUFACTURER	MODEL NO.	CAPACITY (kW)	CAPACITY (BTU)	ELECTRICAL				REMARKS
						VOLTAGE	PHASE	FLA	DISCONNECT BY	
EWB-80-01	UNISEX RESTROOM	Q-MARK	CWH3150F	1.5	5,118	120	1	12.5	MANF.	
EWB-80-02	CONTROL ROOM	Q-MARK	CWH3150F	1.5	5,118	120	1	12.5	MANF.	
EUH-80-01	HAULED WASTE	INDEECO	233-FA-0036U	3	10,236	480	3	3.6	MANF.	①
EUH-80-02	HAULED WASTE	INDEECO	233-FA-0036U	3	10,236	480	3	3.6	MANF.	①
EUH-80-03	RECEIVING ROOM	INDEECO	233-FA-0036U	3	10,236	480	3	3.6	MANF.	①

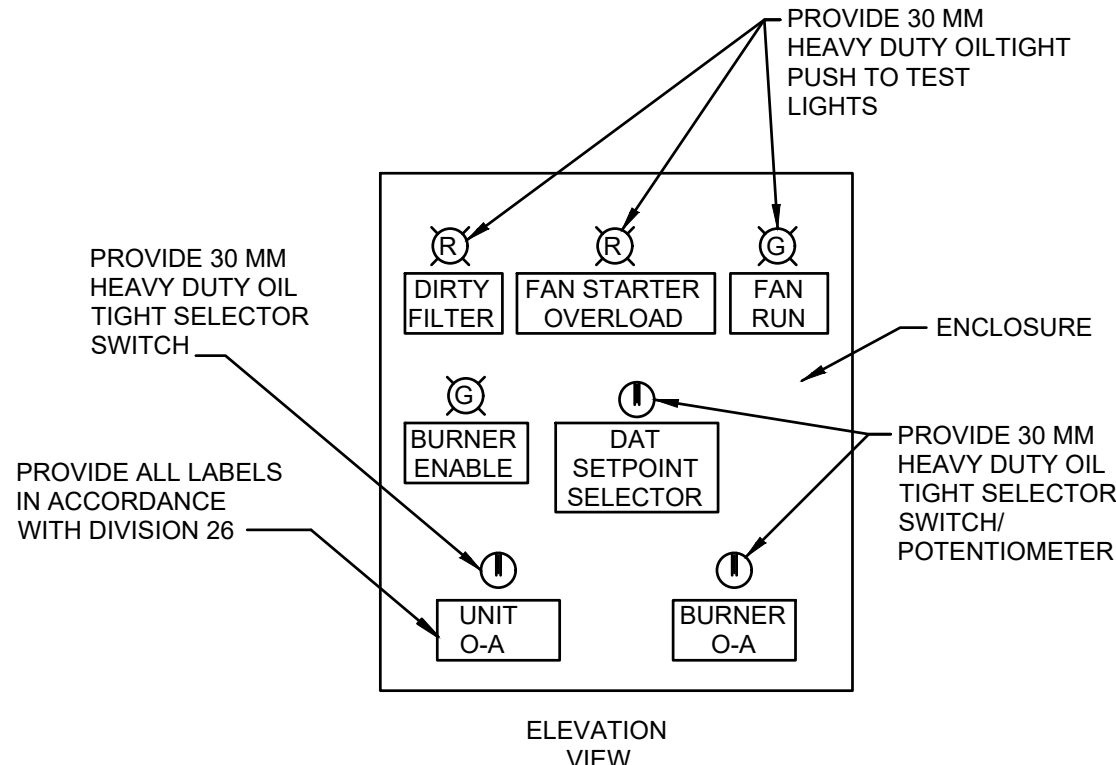
- ① UNIT HEATER SHALL BE SUITABLE FOR CLASS I, DIV. 1 ENVIRONMENTS.

ELECTRIC WATER HEATER SCHEDULE									
UNIT NO.	LOCATION	A.O. SMITH MODEL NO.	TEMPERATURE RISE (F)	RECOVERY CAPACITY (GPH)	TANK CAPACITY (GAL)	ELECTRICAL		WEIGHT (LBS)	REMARKS
						VOLTAGE	PHASE		
WH-80-01	EQUIPMENT PLATFORM	DEL-50	90	27	50	480	3	172	
WH-80-02	EQUIPMENT PLATFORM	DEL-30	90	27	30	480	3	118	

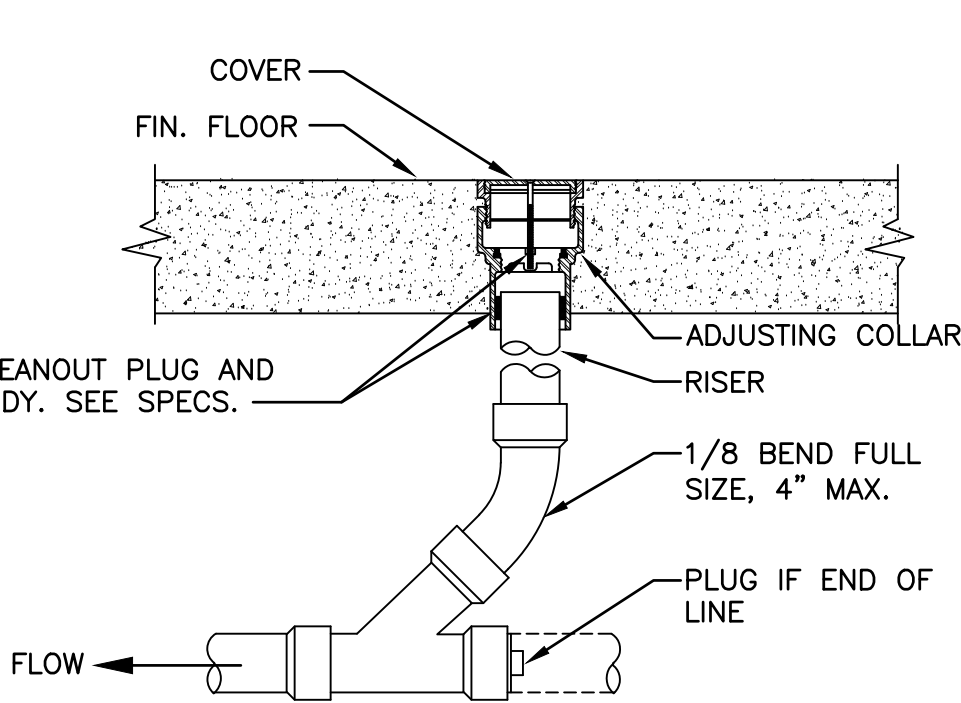
DESIGN CONDITIONS				
APPLICABLE BUILDING CODE: WISCONSIN ENERGY CONSERVATION CODE				
		SUMMER EXTERIOR: 89°F DB / 77°F WB		
		WINTER EXTERIOR: -10°F DB		
OCCUPANCY TYPE	VENTILATION	SUMMER INTERIOR (DB/WB)	WINTER INTERIOR (DB)	REMARKS
HAULED WASTE	12 ACH CONTINUOUS	AMBIENT	60	
UNISEX RESTROOM	70 CFM/FIXTURE	AMBIENT	72	
CONTROL ROOM	EQUIPMENT COOLING	75	72	
RECEIVING ROOM	12 ACH CONTINUOUS	AMBIENT	60	
EQUIPMENT PLATFORM	NO VENTILATION	AMBIENT	AMBIENT	



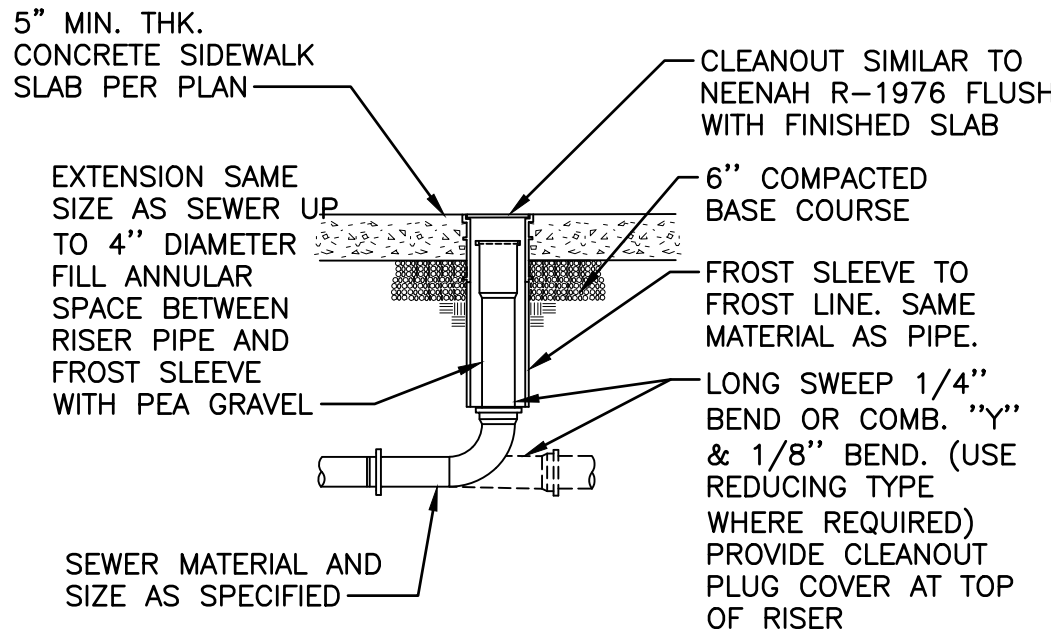
B MAKE UP AIR UNIT CONTROLS
99-PH6.01 NO SCALE



C MAU TEMPERATURE CONTROL PANEL
99-PH6.01 NO SCALE



D FLOOR CLEANOUT
99-PH6.01 NO SCALE



E EXTERIOR CLEANOUT DETAIL
99-PH6.01 NO SCALE

PLUMBING AND HVAC SCHEDULES AND DETAILS

WASTEWATER TREATMENT PLANT
HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN

JOB NO.
2679.002
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99-PH6.01



1. SPLICES SHALL BE INSTALLED BY USING CAST IN PLACE SPLICE KITS SUCH AS 3M TYPE B2A1, OR EQUAL. NON-INSULATED BUTT SPLICES TO FIT STRANDED WIRE SHALL NOT BE USED. SPLICES SHALL BE SOLDERED AND INSULATED FROM EACH OTHER AS PER INSTRUCTIONS INCLUDED IN THE SPLICE KIT.
2. MEASURE GROUND RESISTANCE USING A MEGGER. REPLACE LOOP WIRE NOT ATTAINING A READING OF INFINITY TO GROUND.
3. AFTER SPLICING THE LOOP WIRE TO THE LOOP LEAD-IN CABLE, THE CONTRACTOR SHALL MEASURE INDUCTANCE, GROUND RESISTANCE, AND WIRE RESISTANCE AT THE CABINET END OF THE LEAD-IN CABLE AND FURNISH A COPY OF THE READINGS TO ENGINEER FOR REVIEW.
4. LOOP DETECTOR LEAD-IN CABLE SHALL BE IDENTIFIED WITH THEIR ASSOCIATED LOOP BY USE OF WATERPROOF TAGS AT BOTH ENDS OF THE CABLE.
5. THE LOOP WIRE IN THE PULL BOX SHALL BE HAND TWISTED AT LEAST 2 TWISTS PER FOOT BEFORE BEING SPLICED TO THE LOOP LEAD-IN CABLE.
6. SPLICES OF LOOP WIRE TO LEAD-IN CABLE SHALL BE MADE ONLY IN PULL BOXES AT THE SIDE OF THE PAVEMENT.
7. THE LOOP WIRE SHALL BE INSTALLED FROM THE PULL BOX THROUGH THE LOOP CONDUIT. BACK TO THE PULL BOX AND BE INSTALLED IN ONE NON-SPLICED CONTINUOUS LENGTH.
8. PROTECTION OF THE CONDUITS IN THE BASE COURSE SHALL BE REQUIRED AFTER INSTALLATION AND BEFORE NEW PAVEMENT IS INSTALLED.



ELECTRICAL DETAILS

**HAULED WASTE RECEIVING FACILITY
LAKE GENEVA UTILITY COMMISSION
CITY OF LAKE GENEVA, WISCONSIN**

JOB NO.
2679.002

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DISTRIBUTION PANEL																
Service:		277/480V, 3ø, 4W				Enclosure: NEMA 1							Mounting:		Surface	
Main Breaker:		400A MCB (S.E. Rated, Bottom Feed)											Main Bus:		Copper	
Location:		Belt Filter Press Room											SCIC:		35 kAIC	
Room Number/Description		Amps	Poles	Ckt. #	Phase A	Phase B	Phase C	Phase A	Phase B	Phase C	Ckt. #	Poles	Amps	Room Number/Description		
Existing Load	15	3	1								2	3	15	Existing Load		
			3							4						
			5							6						
			7							8						
Existing Load	15	3	9								10	3	15	Existing Load		
			11							12						
			13							14						
			15							16						
Existing Load	30	3	17								18	3	60	Existing Load		
			19	5543			582			20						
			21		5543			582		22						
			23			5543			582	24						
HWS MCP-80-01	25	3	25	832			582				26	3	20	G-05-01		
			27		832			582		28						
			29			832			582	30						
			31	2222			2222			32						
MAU-80-01	20	3	33		2222			2222			34	3	20	G-05-02		
			35			2222			2222	36						
			37	1385			1385			38						
			39		1385			1385		40						
WH-80-01	20	3	41			1385				42	3	20	WH-80-02			
			43	1385					1385	44						
			45		1385					46						
			47			1385				48						
EUH-80-01	20	3	49							50	3	-	Space			
			51							52						
			53							54						
Total Load per Phase per Side (VA)				11367	11367	11367	4771	4771	4771							
Total Load Phase A (VA)		16138	VA								Total Connected Load			58	A	
Total Load Phase B (VA)		16138	VA								Total Connected Load + 25%			73	A	
Total Load Phase C (VA)		16138	VA								Spare 25%			18	A	
Total Connected Load (VA)		48414	VA								Feeder Load			91	A	

LIGHTING PANEL LP-1 (Subpanel)																
Service:		120/208V, 3ø, 4W				Enclosure: NEMA 1						Mounting:		Surface		
Main Breaker:		60 MLO										Main Bus:		Copper		
Location:		Belt Filter Press Room										SCIC:		10 kAIC		
Room Number/Description		Amps	Poles	Ckt. #	Phase A	Phase B	Phase C	Phase A	Phase B	Phase C	Ckt. #	Poles	Amps	Room Number/Description		
OHD-80-01		20	1	1	1176			1667			2	1	20	EWH-80-02		
Hauled Waste Process/Receiving Lights		20	1	3		756			1176		4	1	20	EF-80-01		
Restroom/Control Room Lights/EF-80-02		20	1	5			170			100	6	1	20	Spare		
EWH-80-01		20	1	7	1667			1440			8	1	20	SA-80-01		
SS-80-01		20	2	9		467			540		10	1	20	Receptacles		
				11			467			540	12	1	20	Receptacles		
DSD Relay Enclosure		20	1	13	500			—			14	1	20	Spare		
Spare		20	1	15		—			—		16	1	20	Spare		
Spare		20	1	17			—			—	18	1	20	Spare		
Spare		20	1	19	—			—			20	1	20	Spare		
Spare		20	1	21		—			—		22	1	20	Spare		
Spare		20	1	23			—			—	24	1	20	Spare		
Space				25	—			—			26			Space		
Space				27		—			—		28			Space		
Space				29			—			—	30			Space		
Total Load per Phase per Side (VA)					3343	1223	637	3107	1716	640						
Total Load Phase A (VA)		6450	VA								Total Connected Load			30	A	
Total Load Phase B (VA)		2939	VA								Total Connected Load + 25%			37	A	
Total Load Phase C (VA)		1277	VA								Spare 25%			9	A	
Total Connected Load (VA)		10666	VA								Feeder Load			46	A	

LIGHTING PANEL LP-1																
Service:		120/208V, 3ø, 4W		Enclosure: NEMA 1								Mounting:		Surface		
Main Breaker:		125A MCB										Main Bus:		Copper		
Location:		Belt Filter Press Room										SCIC:		10 kAIC		
Room Number/Description		Amps	Poles	Ckt. #	Phase A	Phase B	Phase C	Phase A	Phase B	Phase C	Ckt. #	Poles	Amps	Room Number/Description		
Space		—	1	42				100			41					
Space		—	1	40					1667		39	3	60	Subpanel		
Space		—	1	38						2777	37					
Space		—	1	36							35	1	—	Space		
Space		—	1	34							33	1	—	Space		
Space		—	1	32							31	1	—	Space		
Space		—	1	30							29	1	20	Overhead Door Sludge Storage		
Sterling Make-Up Air Unit		20	2	28							27	1	20	Overhead Door Sludge Storage		
				26						25	1	20	Lights In Sludge Storage Building			
West Storage Building		60	2	24							23	2	30	Power Washer		
				22						21						
Outlet in Office East Exit Light		20	1	20							19	2	60	Welding Outlet		
GFCI Outlet By Belt Press		20	1	18							17					
Polymer Feed Pump		20	1	16							15	1	20	Furnace Southwest		
Make-Up Air Unit Exhaust Fan		20	1	14							13	1	20	Spare		
East Overhead Door		20	1	12							11	1	20	South Overhead Door		
Outside Lights		20	1	10							9	1	20	Bath + Office Outlets + Lights		
North/East Furnace		20	1	8							7	1	20	Office Furnace		
Outside Auto Gate		20	1	6							5	1	20	Outlet By Power Washer		
Lights Around Press		20	1	4							3	1	20	North Overhead Door		
Lights Around Press		20	1	2							1	1	20	North + South Inwall Exhaust Fans		
Total Load per Phase per Side (VA)					0	0	0	100	1667	2777						
Total Load Phase A (VA)		100	VA								Total Connected Load		13	A		
Total Load Phase B (VA)		1667	VA								Total Connected Load + 25%		16	A		
Total Load Phase C (VA)		2777	VA								Spare 25%		4	A		
Total Connected Load (VA)		4544	VA								Feeder Load		20	A		

SECTION 00 41 00

BID

LAKE GENEVA UTILITY COMMISSION
LAKE GENEVA, WISCONSIN
WASTEWATER TREATMENT PLANT–HAULED WASTE RECEIVING FACILITY
CONTRACT 1-2022

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ARTICLE 2.	BIDDER'S ACKNOWLEDGEMENTS
ARTICLE 3.	BIDDER'S REPRESENTATIONS
ARTICLE 4.	BIDDER'S CERTIFICATIONS
ARTICLE 5.	BASIS OF BID
ARTICLE 6.	TIME OF COMPLETION
ARTICLE 7.	ATTACHMENTS TO THIS BID
ARTICLE 8.	DEFINED TERMS
ARTICLE 9.	COMMUNICATIONS
ARTICLE 10.	BID SUBMITTAL

ARTICLE 1–BID RECIPIENT

1.01 Bids to be received until 2 P.M., local time, January 10, 2023.

1.02 Online electronic Bidding through QuestCDN.com is the only way the Bid will be accepted. To access the electronic Bid Form, download the Project Documents and click the online Bidding button at the top of the Advertisement.

1.03 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with OWNER in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2–BIDDER'S ACKNOWLEDGEMENTS: ACCEPTANCE PERIOD, INSTRUCTIONS, AND RECEIPT OF ADDENDA

2.01 Bid Acceptance Period

A. This Bid will remain subject to acceptance for 85 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of OWNER.

2.02 Instructions to Bidders

A. Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security.

2.03 In submitting this Bid, Bidder represents the following:

A. Bidder has examined and carefully studied the Bidding Documents, and any data and reference items identified in the Bidding Documents, and hereby acknowledges receipt of the addenda.

2.04 Bidder will sign and deliver the required number of counterparts of the Agreement with the bonds, insurance certificates, and other documents required by the Bidding Requirements within 15 days after the date of OWNER's Notice of Award.

ARTICLE 3–BIDDER'S REPRESENTATIONS

3.01 Bidder's Representations

A. In submitting this Bid, Bidder represents the following:

1. Bidder has examined and carefully studied the Bidding Documents, including Addenda.

2. Bidder has visited the Site, conducted a thorough visual examination of the Site and adjacent areas, and become familiar with the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

3. Bidder is familiar with all Laws and Regulations that may affect cost, progress, and performance of the Work.

4. Bidder has carefully studied the reports of explorations and tests of subsurface conditions at or adjacent to the Site and the drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions, with respect to the Technical Data in such reports and drawings.

5. Bidder has carefully studied the reports and drawings relating to Hazardous Environmental Conditions, if any, at or adjacent to the Site that have been identified in the Supplementary Conditions, with respect to Technical Data in such reports and drawings.

6. Bidder has considered the information known to Bidder itself; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Technical Data identified in the Supplementary Conditions or by definition, with respect to the effect of such information, observations, and Technical Data on (a) the cost, progress, and performance of the Work; (b) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, if selected as CONTRACTOR; and (c) Bidder's (CONTRACTOR's) safety precautions and programs.

7. Based on the information and observations referred to in the preceding paragraph, Bidder agrees that no further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract.

8. Bidder is aware of the general nature of work to be performed by OWNER and others at the Site that relates to the Work as indicated in the Bidding Documents.

9. Bidder has given ENGINEER written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and of discrepancies between Site conditions and the Contract Documents, and the written resolution thereof by Engineer is acceptable to CONTRACTOR.

10. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.

11. The submission of this Bid constitutes an incontrovertible representation by Bidder that without exception the Bid and all prices in the Bid are premised upon performing and furnishing the Work required by the Bidding Documents.

ARTICLE 4–BIDDER'S CERTIFICATIONS

4.01 Bidder certifies the following:

A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any collusive agreement or rules of any group, association, organization, or corporation.

B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid.

C. Bidder has not solicited or induced any individual or entity to refrain from Bidding.

D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:

1. Corrupt practice means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the Bidding process.

2. Fraudulent practice means an intentional misrepresentation of facts made (a) to influence the Bidding process to the detriment of OWNER, (b) to establish Bid prices at artificial non-competitive levels, or (c) to deprive OWNER of the benefits of free and open competition.

3. Collusive practice means a scheme or arrangement between two or more Bidders, with or without the knowledge of OWNER, a purpose of which is to establish Bid prices at artificial, non-competitive levels.

4. Coercive practice means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the Bidding process or affect the execution of the Contract.

ARTICLE 5–BASIS OF BID

5.01 Bidder will complete the Work in accordance with the Contract Documents for the following price(s):

The following abbreviations may be used in this Bid:

CIP	-	Complete in Place	LS	-	Lump Sum
CY	-	Cubic Yard	LT	-	Left
DI	-	Ductile Iron	MBF	-	Thousand Board Feet
DIA	-	Diameter	MFOB	-	Thousand Freight-On-Board
EA	-	Each	MH	-	Manhole
EST	-	Estimate(d)	RCP	-	Reinforced Concrete Pipe
EXCL	-	Excluding	RT	-	Right
FT	-	Feet	SF	-	Square Foot
GAL	-	Gallon	STA	-	Station
HERCP	-	Horizontal Elliptical RCP	SY	-	Square Yard
HRS	-	Hours	T	-	Ton
IN	-	Inch	VLF	-	Vertical Linear Foot
INCL	-	Including	W/	-	With
LBS	-	Pounds	W/O	-	Without
LF	-	Linear Foot			

BIDDERS SHOULD NOT ADD ANY CONDITIONS OR QUALIFYING STATEMENTS TO THIS BID OR THE BID MAY BE DECLARED IRREGULAR AS NOT BEING RESPONSIVE TO THE INSTRUCTIONS TO BIDDERS.

BID

LAKE GENEVA UTILITY COMMISSION
LAKE GENEVA, WISCONSIN
WASTEWATER TREATMENT PLANT–HAULED WASTE RECEIVING FACILITY
CONTRACT 1-2022

LUMP SUM BASE BID:

_____ Dollars \$ _____
(Words) (Numbers)

See Section 01 29 00–Contract Considerations for discussion of Cash Allowances to include in the Bid.

Contract award will be made based on the Lump Sum Base Bid or Lump Sum Base Bid with any combination of Bid Alternatives selected. The price for all Base Bid Equipment items shall be included in the Lump Sum Base Bid. Bid Alternatives will be added or deducted from the Lump Sum Base Bid, if they are accepted, prior to Notice of Award being made.

OWNER reserves the right to accept or reject any Bid Alternatives or Equipment Alternatives to the Lump Sum Base Bid. Should OWNER wish to consider Bid Alternatives listed, Bidder may be required to provide additional information as listed in Articles 7.05 and 7.06 of the General Conditions prior to Notice of Award. Consideration of Equipment Alternatives of the selected Bidder will be made by OWNER within 60 days after the Effective Date of the Contract.

If a Bid Alternative is selected by OWNER, the awarded Contract price will include the selected Alternative(s).

BID ALTERNATIVES

BID ALTERNATIVE NO. 1:

CONTRACTOR shall include in the cost of the Bid Alternative ALL work associated with providing the scope listed below.

The price of \$_____ shall be added to the Contract Lump Sum Base Bid if OWNER elects to fund the project using the Clean Water Fund Program. Requirements associated with Bid Alternative 1 are identified throughout the instructions to bidders and the contract documents with a heavy line weight box, as demonstrated by this paragraph.

EQUIPMENT ALTERNATIVES

LAKE GENEVA UTILITY COMMISSION
LAKE GENEVA, WISCONSIN
WASTEWATER TREATMENT PLANT–HAULED WASTE RECEIVING FACILITY
CONTRACT 1-2022

The name of the Base Bid equipment manufacturer which Bidder shall include in the Lump Sum Base Bid is listed for each equipment item. Where an alternative manufacturer is listed, Bidder shall include an add or deduct to the price of the equipment that Bidder included in the Lump Sum Base Bid. Where spaces are provided, Bidder may also bid other alternative manufacturers by writing in the alternative manufacturer's name. Equipment Alternative Bid prices shall include the entire cost of the Alternative, including cost for engineering changes to accommodate the Alternative, and additional work to be performed which is not shown on the Drawings, but which is required as a result of selection of the Alternative.

Whether or not an alternative manufacturer is offered to one or more of the Base Bid equipment manufacturers provided for in the Bid Form, Bidder shall write (in numbers) the price for providing the Base Bid equipment manufacturer, as included in the Lump Sum Base Bid.

When more than one Base Bid equipment manufacturer name is listed for an item, Bidder shall circle the name of the equipment manufacturer selected for the Lump Sum Base Bid and write in the price for the selected equipment.

EQUIPMENT ALTERNATIVES

	Item	Equipment Base Bid Manufacturer Included in the Lump Sum Base Bid (Circle One)	Cost of Equipment Included in the Lump Sum Base Bid	Alternative Manufacturer	Add to Base Bid for Alternative Manufacturer	Deduct From Base Bid for Alternative Manufacturer
A.	Actuators for Process Valves (Section 40 05 57)	AUMA OR Rotork OR Limitorque	\$	_____ _____ _____	(+)_____ (+)_____ (+)_____	(-)_____ (-)_____ (-)_____
B.	Sampler (Section 46 09 00)	Teledyne ISCO OR Hach Company	\$	_____ _____ _____	(+)_____ (+)_____ (+)_____	(-)_____ (-)_____ (-)_____
C.	Hauled Waste Receiving System (Section 46 21 83)	JWC Environmental OR Lakeside Equipment Co.	\$	_____ _____	(+)_____ (+)_____	(-)_____ (-)_____

BID

LAKE GENEVA UTILITY COMMISSION
LAKE GENEVA, WISCONSIN
WASTEWATER TREATMENT PLANT–HAULED WASTE RECEIVING FACILITY
CONTRACT 1-2022

CASH ALLOWANCES

The following Cash Allowances shall be included in the Lump Sum Base Bid. The Cash Allowances for non-Lump Sum items shall be equal to the product of the quantity included in the Lump Sum Base Bid and the Unit Price. The Cash Allowances will be adjusted in the event that estimated quantities to be included in the Lump Sum Base Bid are different from final measured quantities. A single Unit Price shall be bid for each item. Failure to include one or more of the following Unit Price items may result in rejection of the entire Bid as nonconforming. For items with a quantity of 1, the Cash Allowance shall be adjusted based on actual final costs.

Item Number	Description	Estimated Quantity Included in the Lump Sum Base Bid	Unit	Bid Unit Price	Total Bid Price Included in the Lump Sum Base Bid
1.	Electrical Service Section 26 21 00	\$30,000	LS	\$	\$
2.	Unsuitable Foundation Material for Structures and Roads Section 31 23 00	100	CY	\$	\$
3.	Unsuitable Foundation Material for Utility Trenches Section 31 23 00	25	CY	\$	\$
4.	Rock Excavation for Structures and Roads Section 31 26 16.26	10	CY	\$	\$
5.	Rock Excavation for Utility Trenches Section 31 26 16.26	15	CY	\$	\$
6.	Administration and Billing Software Section 46 21 83	\$20,000	LS	\$	\$

LAKE GENEVA UTILITY COMMISSION
FUND 61 - WASTEWATER UTILITY
Budget Overview

REVENUES	Actual 2020	Actual 2021	Budgeted 2022	Actual 9/30/2022	Projected 2022	Proposed 2023
INTEREST EARNED	12,474	3,652	10,300	33,128	66,100	69,600
CUSTOMER SALES	1,980,142	2,002,187	2,102,450	1,571,096	2,069,037	2,104,937
OTHER REVENUE	10,368	13,015	10,725	8,687	10,950	11,225
CAPITAL CONTRIBUTIONS	169,715	394,549	186,500	145,470	205,150	205,150
TOTAL REVENUES	2,172,699	2,413,403	2,309,975	1,758,382	2,351,237	2,390,912
EXPENSES						
TOTAL OUTSIDE SERVICES	300,298	298,984	392,025	204,085	339,843	408,455
TOTAL OPERATING EXPENSES	30,226	36,520	43,350	27,421	37,835	45,550
TOTAL INSURANCE	27,162	27,840	29,900	21,962	33,958	29,450
TOTAL SALARY & BENEFITS	502,061	480,377	603,797	418,179	577,060	668,150
TOTAL LAB SUPPLIES	13,461	18,144	22,600	17,326	20,072	21,250
TOTAL MISCELLANEOUS EXPENSE	320	927	1,000	89	290	1,000
TOTAL MAINTENANCE	136,681	343,746	404,200	52,548	135,273	301,600
TOTAL OPERATION & MAINTENANCE EXPENSES	1,010,208	1,206,538	1,496,872	741,610	1,144,332	1,475,455
REVENUES OVER O&M EXPENSES	1,162,490	1,206,865	813,103	1,016,772	1,206,905	915,457
TOTAL CAPITAL OUTLAY	39,528	149,554	1,395,500	138,849	178,095	1,324,700
REVENUES OVER TOTAL EXPENSES	1,122,962	1,057,311	-582,397	877,923	1,028,810	-409,243
TOTAL CASH TRANSFERS	-741,715	-972,102	587,150	-1,287,755	-1,344,150	413,250
NET CHANGE IN CASH BALANCE	381,247	85,209	4,753	-409,832	-315,340	4,007

**Lake Geneva Utility Commission
Wastewater Utility**

	ACTUAL	ACTUAL	Budget Ending	Actual Thru	Projected	Proposed
	12/31/2020	12/31/2021	12/31/2022	9/30/2022	2022	2023
REVENUES						
61-00-00-41900 INTEREST EARNED	9,166	3,130	8,100	25,338	52,600	48,000
61-00-00-41910 LGIP IMPACT FEES INTEREST	3,308	522	2,200	7,790	13,500	21,600
61-00-00-41950 DISCOUNTS EARNED	0	0	0	0	0	0
61-00-00-42670 SPECIAL ASSESSMENT-SS & L	978	1,956	0	0	0	0
61-00-00-42680 SPECIAL ASSMNTS-WATER MAINS	0	0	0	0	0	0
61-00-00-43230 ENVIRONMNTL PROT AGENCY GRANTS	0	0	0	0	0	0
61-00-00-43695 OTHER FEDERAL AIDS	500	0	0	0	0	0
61-00-00-46110 METERED SALES-RESIDENTIAL	927,700	924,442	986,800	711,082	937,600	948,700
61-00-00-46111 METERED SALES RESIDENTIAL SUB	109,021	109,603	108,000	80,482	107,400	108,800
61-00-00-46112 METERED SALES-RES MULTI	0	203,131	205,800	145,671	194,300	199,400
61-00-00-46120 METERED SALES COMM CITY	616,162	416,289	458,800	361,578	481,900	502,900
61-00-00-46121 METERED SALES COMMERCIAL SUB	58,813	56,340	63,700	37,245	54,900	55,700
61-00-00-46130 METERED SALES INDUSTRIAL	59,080	57,403	59,800	37,106	54,300	56,400
61-00-00-46140 METERED SALES TO PUBLIC AUTH	46,220	52,255	49,800	41,294	53,700	52,400
61-00-00-46400 REVENUE-PUBLIC AUTHORITY	0	0	0	0	0	0
61-00-00-46500 REVENUE-OUTSIDE HAULERS	158,909	178,487	165,000	152,401	180,700	176,400
61-00-00-46600 REVENUE-GOLF HILLS	0	0	0	0	0	0
61-00-00-46650 REVENUE-BAYER LEASE	3,987	3,987	4,500	3,987	3,987	3,987
61-00-00-46651 LEASE INCOME-US CELLULAR	0	0	0	0	0	0
61-00-00-46660 REVENUE-HAULER PERMITS	250	250	250	250	250	250
61-00-00-46670 OTHER GENERAL REVENUES	1,990	2,100	1,750	1,238	1,650	1,875
61-00-00-47000 FORFEITED DISCOUNTS	3,316	5,031	3,850	2,634	3,600	3,950
61-00-00-47100 MISCELLANEOUS SERVICE REVENUE	4,909	5,492	5,125	4,816	5,700	5,400
61-00-00-47110 CASH SHORT OR OVER	3	0	0	0	0	0
61-00-00-47400 REVENUE-OTHER	150	393	0	0	0	0
61-00-00-48300 GAIN ON DISPOSAL	0	0	0	0	0	0
61-00-00-49000 PROCEEDS FOR BORROWING	0	0	0	0	0	0
61-00-00-49100 APPL-PRIOR YRS APPROPRIATION	0	0	0	0	0	0
61-00-00-49200 TRANSFER FROM EQ REPLACEMENT	0	0	0	0	0	0
61-00-00-49210 TRNSFR FROM UNDESIGNATED FUNDS	0	0	0	0	0	0
61-00-00-49260 TRANSFER FROM TID	0	0	0	0	0	0
61-00-00-99005 CAP CNTRBTNS-IMPACT FEES	169,715	218,205	186,500	145,470	205,150	205,150
61-00-00-99010 CAP CNTRBTNS-MUNICIPALITY	0	0	0	0	0	0
61-00-00-99015 CAPITAL CONTRIBS-CUST/DEVELOPE	0	176,344	0	0	0	0
61-00-00-99020 TRANSFER FROM CITY OF LK GEN	0	0	0	0	0	0
61-00-00-99900 TRANSFER TO CITY OF LK GENEVA	0	0	0	0	0	0
TOTAL REVENUE	2,174,177	2,415,359	2,309,975	1,758,382	2,351,237	2,390,912

Lake Geneva Utility Commission
Wastewater Utility

EXPENSES

OUTSIDE SERVICES

	ACTUAL	ACTUAL	Budget Ending	Actual Thru	Projected	Proposed
	12/31/2020	12/31/2021	12/31/2022	9/30/2022	2022	2023
61-00-00-52050 DRUG AND ALCOHOL TESTING	131	510	250	0	140	280
61-00-00-52100 LABORATORY SERVICES	17,406	20,549	17,100	22,496	27,491	30,590
61-00-00-52120 ACCTG CONSULTANT REES/AUDITING	6,875	7,129	5,750	5,750	5,750	5,850
61-00-00-52160 ENGINEERING EXPENSE	20,506	1,173	102,000	721	24,794	77,000
61-00-00-52200 METER READING EXPENSE	26,370	27,116	28,600	0	27,550	28,300
61-00-00-52400 REPAIRS	0	0	0	0	0	0
61-00-00-52500 UTILITY-GAS-PLANT	5,526	8,181	6,250	7,354	11,100	11,700
61-00-00-52505 UTILITY - GAS - COLLECTION SYSTEM	519	590	575	420	640	675
61-00-00-52510 UTILITY-WATER	45,239	52,509	45,500	31,272	42,400	45,500
61-00-00-52520 UTILTITY-ELECTRICITY-PLANT	157,144	151,399	160,000	112,785	162,300	170,300
61-00-00-52525 UTILITY - ELECTRICITY - COLLECTION SYS.	9,376	8,476	10,750	6,585	9,400	9,800
61-00-00-52530 UTILITY-TRASH COLLECTION	0	0	0	0	0	0
61-00-00-52540 UTILITY-TELEPHONE EXPENSE	0	0	0	0	0	0
61-00-00-52660 OUTSIDE SERVICES EMPLOYED	4,250	4,337	6,500	4,383	4,383	4,460
61-00-00-52950 BIO-MASS HAUL/REMOVE (SLUDGE)	6,956	17,015	8,750	12,320	23,895	24,000
TOTAL OUTSIDE SERVICES	300,298	298,984	392,025	204,085	339,843	408,455

OPERATING EXPENSES

61-00-00-53050 COMPUTER EXPENSE	1,284	4,568	4,450	4,730	5,480	6,200
61-00-00-53100 OFFICE SUPPLIES EXPENSE	4,043	5,516	5,000	2,809	5,100	5,700
61-00-00-53110 TELEPHONE EXPENSE	4,291	4,183	4,300	3,014	4,100	4,400
61-00-00-53120 POSTAGE	5,452	5,143	6,500	5,591	7,400	7,700
61-00-00-53140 OFFICIAL PUBLICATIONS & NOTICE	0	0	1,350	0	400	1,350
61-00-00-53200 MEMBERSHIP FEES	46	0	400	60	110	400
61-00-00-53210 FREIGHT EXPENSE	0	0	0	0	0	0
61-00-00-53300 TRAVEL & MILEAGE EXPENSE	284	0	500	108	270	500
61-00-00-53310 MEALS, LODGING, ETC	44	0	1,000	14	25	750
61-00-00-53320 CONFERENCES & SCHOOL	839	360	1,600	348	700	1,600
61-00-00-53480 BIO-MASS SPREADING FUEL	0	0	0	0	0	0
61-00-00-53490 EMERGENCY POWER DIESEL FUEL	0	0	250	0	0	250
61-00-00-53500 OPERATIONS TOOLS & EQUIP	1,294	3,167	4,000	922	1,400	2,100
61-00-00-53510 OPERATIONS-EQUIPMENT	15	28	250	38	50	250
61-00-00-53520 OPERATIONS-VEHICLES	2,306	3,816	4,100	3,438	4,600	4,900
61-00-00-53610 TRTMNT/DISP PLANT EQUIP EXP	0	0	250	0	0	250
61-00-00-53900 FIRST AID & SAFETY SUPPLIES	2,205	2,773	1,700	1,042	1,400	1,600
61-00-00-53990 MISCELLANEOUS EXPENSE	4,951	3,878	4,300	2,714	3,700	4,200
61-00-00-54100 LAB CERTIFICATION EXPENSE	3,171	3,089	3,400	2,594	3,100	3,400
TOTAL OPERATING EXPENSES	30,226	36,520	43,350	27,421	37,835	45,550

Lake Geneva Utility Commission
Wastewater Utility

		ACTUAL	ACTUAL	Budget Ending	Actual Thru	Projected	Proposed
		12/31/2020	12/31/2021	12/31/2022	9/30/2022	2022	2023
INSURANCE							
61-00-00-55000	COVID-19 EXPENDITURES	0	129	0	0	0	0
61-00-00-55120	INSURANCE-GEN LIABILITY	17,756	18,925	19,750	14,432	24,158	19,550
61-00-00-55140	INSURANCE-VEHCILE	0	0	0	0	0	0
61-00-00-55160	INSURANCE-WORKMAN'S COMP	9,406	8,916	10,150	7,530	9,800	9,900
61-00-00-55170	INSURANCE-PROPERTY	0	0	0	0	0	0
61-00-00-55180	SERVICELINE BACK UP	0	0	0	0	0	0
61-00-00-55300	LAND RENTAL EXPENSE	0	0	0	0	0	0
61-00-00-55400	DEPRECIATION EXPENSE	0	0	0	0	0	0
61-00-00-55410	INTEREST EXPENSE	0	0	0	0	0	0
61-00-00-55480	AMORTIZATION OF LOAN DISCOUNTS	0	0	0	0	0	0
	TOTAL INSURANCE	27,162	27,840	29,900	21,962	33,958	29,450
WATER TREATMENT - OPERATION							
61-00-00-90200	ADMINISTRATIVE SALARY EXPENSE	76,569	77,828	84,989	59,423	78,273	92,100
61-00-00-92000	COMMISSIONER'S SALARY	0	0	0	0	0	0
61-00-00-92001	DIRECTOR'S SALARY EXPENSE	45,143	45,956	47,794	36,765	49,090	53,565
61-00-00-92200	UTILITY COMMISSION SERVICES	0	0	0	0	0	0
61-00-00-92300	OUTSIDE SERVICES EMPLOYED	0	1,873	5,000	3,895	4,700	2,100
61-00-00-92310	LAB TESTING & CERTIFICATION	0	0	0	0	0	0
61-00-00-92600	EMPLOYEE BENEFITS	210	557	640	472	632	725
61-00-00-92601	FAMILY MEDICAL LEAVE	6,669	3,132	0	245	245	0
61-00-00-92610	HEALTH INSURANCE EXPENSE	118,247	103,109	117,130	91,546	121,400	129,900
61-00-00-92620	DENTAL INSURANCE EXPENSE	3,810	4,228	6,360	4,187	5,600	6,360
61-00-00-92625	LONG TERM DISABILITY	1,111	1,137	816	925	1,250	1,350
61-00-00-92630	LIFE INSURANCE EXPENSE	639	655	1,283	503	710	750
61-00-00-92635	VISION INSURANCE EXPENSE	344	272	292	217	290	300
61-00-00-92640	PENSION EXPENSE	23,039	-18,707	25,894	17,652	23,600	29,500
61-00-00-92645	PENSION EXPENSE-GASB 68 ADJ	0	0	0	0	0	0
61-00-00-92650	UNIFORM/CLOTHING EXPENSE	3,711	2,055	2,360	163	2,420	2,400
61-00-00-92660	BEREAVEMENT EXPENSE	0	0	0	0	0	0
61-00-00-92700	PAID TIME OFF	-2,715	105	0	0	0	0
61-00-00-92701	HOLIDAY PAY EXPENSE	5,511	7,744	9,699	4,465	9,600	10,800
61-00-00-92702	PERSONAL DAY EXPENSE	0	0	0	0	0	0
61-00-00-92703	OPEB-ANNUAL CONTRIB	0	0	0	0	0	0
61-00-00-40800	SOCIAL SECURITY EXPENSE	23,640	26,248	31,101	20,519	27,400	35,000
61-00-00-60000	OPERATIONS WAGES	164,217	191,402	140,440	91,514	122,700	143,710
61-00-00-60010	MAINTENANCE WAGES	-	-	26,804	20,895	28,400	34,210
61-00-00-60020	LAB WAGES	-	-	32,261	23,014	30,900	36,960
61-00-00-60030	COLLECTION SYSTEM WAGES	-	-	7,911	12,447	17,100	17,940
61-00-00-60040	LIFT STATION WAGES	-	-	8,265	6,494	9,100	9,180
61-00-00-60050	HAULED WASTE WAGES	-	-	7,425	4,489	6,300	6,490
61-00-00-60100	OVERTIME WAGES EXPENSE	9,889	9,722	15,115	2,796	6,400	15,550
61-00-00-60200	ON CALL PAY	1,850	2,300	2,600	1,900	3,100	5,200
61-00-00-60300	COMP TIME WAGES	3,849	6,311	6,478	1,270	6,750	8,100
61-00-00-60400	PAID TIME OFF	16,329	14,450	23,140	12,384	21,100	25,960
	TOTAL SALARY AND BENEFITS	502,061	480,377	603,797	418,179	577,060	668,150

**Lake Geneva Utility Commission
Wastewater Utility**

		ACTUAL 12/31/2020	ACTUAL 12/31/2021	Budget Ending 12/31/2022	Actual Thru 9/30/2022	Projected 2022	Proposed 2023
LAB SUPPLIES							
61-00-00-63100	POLYMER	4,290	4,290	8,600	9,372	9,372	9,850
61-00-00-63200	CHLORINE EXPENSE	0	0	0	0	0	0
61-00-00-63300	LIME EXPENSE	0	0	0	0	0	0
61-00-00-63400	CHEMICAL EXPENSE	0	0	0	0	0	0
61-00-00-63500	WATER SOFTENER PROGRAM	0	100	500	0	0	0
61-00-00-64000	LABORATORY SUPPLIES	9,171	13,754	13,500	7,954	10,700	11,400
61-00-00-64100	LAB CERTIFICATION EXP	0	0	0	0	0	0
	TOTAL LAB SUPPLIES	13,461	18,144	22,600	17,326	20,072	21,250
MISCELLANEOUS EXPENSES							
61-00-00-65000	OTHER OPERATING SUPPLIES-KITCH	287	139	500	89	190	500
61-00-00-65500	MAINT OF OTHER PLANT	33	789	500	0	100	500
	TOTAL MISCELLANEOUS EXPENSES	320	927	1,000	89	290	1,000
MAINTENANCE							
61-00-00-93500	MAINT-LAB BLDG	21	152	3,500	377	510	8,500
61-00-00-93501	MAINT-HEADWORKS BLDG	43	601	31,000	34	50	36,000
61-00-00-93502	MAINT-DIGESTER & AER/TRANS BLD	0	24,522	17,000	0	1,300	17,000
61-00-00-93503	MAINT-PROCESS BLDG	0	3,223	3,500	242	325	6,600
61-00-00-93504	MAINT-EFFLUENT BLDG	0	0	3,250	0	0	8,250
61-00-00-93505	MAINT-POLE BARN BLDG	0	0	1,500	0	0	500
61-00-00-93506	MAINT-VEHICLE STORAGE BLDGS	0	797	500	34	70	500
61-00-00-93507	MAINT-DEWATERING-B/PRESS BLDG	36	651	750	68	100	750
61-00-00-93600	MAINT-LAB EQUIPMENT	1,414	1,235	1,500	381	510	750
61-00-00-93601	MAINT-HEADWORKS EQUIP	17,365	14,342	17,500	1,532	2,100	11,250
61-00-00-93602	MAINT-DIGESTERS EQUIP	15,417	218	4,500	500	670	1,300
61-00-00-93603	MAINT-PROCESS EQUIP	6,403	20,690	8,000	6,128	8,200	7,700
61-00-00-93604	MAINT-EFFLUENT EQUIP	86	7,172	10,000	9	7,400	10,000
61-00-00-93607	MAINT-DEWATERING-B/PRESS EQUIP	7,418	6,634	8,500	3,004	4,100	8,300
61-00-00-93700	MAINT-VEHICLES & EQUIP	5,674	10,857	7,500	3,854	5,200	7,000
61-00-00-93800	MAINT-LIFT STATIONS	33,874	18,062	37,500	23,172	34,100	37,700
61-00-00-93810	MAINT-MAINS	37,167	152,633	154,400	7,342	60,851	125,750
61-00-00-93820	MAINT-RECEIVING STATION	904	1,702	1,800	167	225	1,800
61-00-00-93830	MAINT-SEEPAGE CELLS/POND	7,284	5,363	7,500	4,262	7,362	7,700
61-00-00-93840	MAINT-CLARIFIER	1,882	72,718	73,000	332	450	1,000
61-00-00-93850	MAINT-OXIDATION DITCH	193	553	9,500	0	300	1,500
61-00-00-93900	MAINT-LATERALS	237	0	500	0	0	250
61-00-00-93910	MAINTENANCE-OTHER	1,263	1,622	1,500	1,110	1,450	1,500
	TOTAL MAINTENANCE	136,681	343,746	404,200	52,548	135,273	301,600
	TOTAL OPERATION & MAINTENANCE EXPENSES	1,010,208	1,206,538	1,496,872	741,610	1,144,332	1,475,455
	REVENUES OVER O&M EXPENSES	1,163,968	1,208,821	813,103	1,016,772	1,206,905	915,457

**Lake Geneva Utility Commission
Wastewater Utility**

		ACTUAL	ACTUAL	Budget Ending	Actual Thru	Projected	Proposed
		12/31/2020	12/31/2021	12/31/2022	9/30/2022	2022	2023
CAPITAL OUTLAY							
61-00-00-58000	OUTLAY-EQUIPMENT	30,938	135,194	956,000	135,113	165,400	1,220,700
61-00-00-58100	OUTLAY-VEHICLES	0	0	0	0	0	0
61-00-00-58200	OUTLAY-BUILDINGS	0	0	0	0	0	0
61-00-00-58300	OUTLAY-LAND & IMPROVEMENTS	0	0	0	0	0	0
61-00-00-58400	OUTLAY-COLLECTION SYSTEM	8,590	0	439,500	0	8,960	104,000
61-00-00-58900	OUTLAY-MISCELLANEOUS	0	14,360	0	3,735	3,735	0
	TOTAL CAPITAL OUTLAY	39,528	149,554	1,395,500	138,849	178,095	1,324,700
	TOTAL UTILITY ANNUAL REVENUE	2,174,177	2,415,359	2,309,975	1,758,382	2,351,237	2,390,912
	TOTAL UTILITY ANNUAL EXPENSE	1,049,736	1,356,092	2,892,372	880,458	1,322,427	2,800,155
	TOTAL ANNUAL BALANCE	1,124,440	1,059,267	-582,397	877,923	1,028,810	-409,243
CASH TRANSFERS							
61-00-00-13220	TRANS IMPACT FEE RESERVE FUND () = <i>Deposit</i>	(169,715)	(172,102)	(188,700)	(162,255)	(218,650)	(226,750)
61-00-00-59000	TRANS EQUIPMENT REPLACEMENT FUND () = <i>Deposit</i>	(228,500)	0	129,500	(160,500)	(160,500)	(125,000)
61-00-00-59600	TRANS TO CAPITAL PROJECT FUND () = <i>Deposit</i>	(343,500)	(800,000)	646,350	(965,000)	(965,000)	765,000
	TOTAL TRANSFERS	(741,715)	(972,102)	587,150	(1,287,755)	(1,344,150)	413,250
	NET CHANGE IN CASH BALANCE	382,725	87,165	4,753	(409,832)	(315,340)	4,007
DEPRECIATION							
61-00-00-40300	DEPRECIATION EXPENSE	645,748	653,257	0	0	656,200	662,762
61-00-00-40302	DEPRECIATION EXPENSE-GHSD	11,072	11,072	0	0	11,072	11,072
	TOTAL DEPRECIATION	656,820	664,329	0	0	667,272	673,834

LAKE GENEVA UTILITY COMMISSION

FUND 62 - WATER UTILITY

Budget Overview

REVENUES	Actual 2020	Actual 2021	Budgeted 2022	Actual 9/30/2022	Projected 2022	Proposed 2023
INTEREST EARNED	9,816	1,881	3,275	18,656	34,800	61,200
CUSTOMER SALES	1,743,488	1,857,465	1,815,347	1,394,874	1,843,704	1,833,474
OTHER REVENUE	267,899	290,056	294,401	272,441	308,676	306,498
CAPITAL CONTRIBUTIONS	155,491	574,431	169,000	131,820	185,900	185,900
TOTAL REVENUES	2,176,693	2,723,833	2,282,023	1,817,791	2,373,080	2,387,072
EXPENSES						
TOTAL SOURCE OF SUPPLY - OPERATION	53,566	59,303	59,000	46,733	64,350	69,850
TOTAL SOURCE OF SUPPLY - MAINTENANCE	6,656	19,692	9,600	8,584	13,300	66,500
TOTAL PUMPING EXPENSE - OPERATION	71,475	73,157	74,350	50,774	76,520	83,500
TOTAL PUMPING EXPENSE - MAINTENANCE	6,482	51,440	25,700	3,052	4,535	45,950
TOTAL WATER TREATMENT - OPERATION	108,362	83,682	96,950	71,119	102,070	116,900
TOTAL WATER TREATMENT - MAINTENANCE	55,367	188,487	64,700	59,018	76,800	76,000
TOTAL TRANS. & DISTRIBUTION - OPERATION	32,557	37,101	47,800	31,624	45,200	63,900
TOTAL TRANS. & DISTRIBUTION - MAINTENANCE	551,184	209,811	254,350	224,674	258,044	194,150
TOTAL CUSTOMER ACCOUNTS	67,750	66,588	67,150	51,122	72,192	76,025
TOTAL ADMIN & GENERAL OPERATIONS	419,025	303,481	446,113	336,645	464,266	463,540
TOTAL OTHER EXPENSES	280,150	275,896	305,000	225,000	305,000	310,000
TOTAL OPERATION & MAINTENANCE EXPENSES	1,652,574	1,368,638	1,450,713	1,108,346	1,482,277	1,566,315
REVENUES OVER O&M EXPENSES	524,120	1,355,195	831,310	709,445	890,803	820,757
TOTAL CAPITAL OUTLAY	690,980	305,208	435,100	118,330	170,244	576,000
REVENUES OVER TOTAL EXPENSES	-166,860	1,049,987	396,210	591,116	720,559	244,757
TOTAL CASH TRANSFERS	196,271	-1,066,372	-390,000	-759,500	-801,400	-241,600
NET CHANGE IN CASH BALANCE	29,410	-16,385	6,210	-168,384	-80,841	3,157

Lake Geneva Utility Commission

Water Utility

REVENUES

62-00-00-41900	INTEREST EARNED	4,258	1,697	2,275	15,186	28,300	48,000
62-00-00-41910	LGIP IMPACT FEES INTEREST	2,939	184	1,000	3,470	6,500	13,200
62-00-00-43695	OTHER FEDERAL AIDS	2,619	0	0	0	0	0
62-00-00-46000	UNMETERED SALES-HYDRANTS	428	146	0	0	0	0
62-00-00-46010	UNMETERED SALES-RESIDENTIAL	0	1,142	0	3,023	5,900	7,600
62-00-00-46020	UNMETERED SALES-COMMERCIAL	3,541	13,822	4,800	6,541	7,700	5,700
62-00-00-46030	UNMETERED SALES-INDUSTRIAL	0	0	0	0	0	0
62-00-00-46040	UNMETERED SALES TO PUBLIC AUTH	0	0	0	0	0	0
62-00-00-46100	METERED SALES TO SERV CUSTOMRS	0	0	0	0	0	0
62-00-00-46110	METERED SALES-RESIDENTIAL	703,542	736,811	720,800	551,557	744,100	734,700
62-00-00-46111	METERED SALES RESIDENTIAL SUB	77,135	78,497	77,200	58,159	80,800	78,600
62-00-00-46112	METERED SALES-RES MULTI	128,604	131,385	129,700	92,674	126,700	128,800
62-00-00-46120	METERED SALES COMM CITY	279,178	293,081	286,800	219,487	283,300	281,500
62-00-00-46121	METERED SALES COMMERCIAL SUB	101,666	143,653	131,000	115,867	132,900	132,000
62-00-00-46130	METERED SALES INDUSTRIAL	35,796	36,402	35,800	25,150	34,100	34,900
62-00-00-46140	METERED SALES TO PUBLIC AUTH	80,454	84,299	87,400	64,740	87,700	87,500
62-00-00-46200	PRIVATE FIRE PROTECTION	66,864	67,187	67,157	50,747	67,600	68,125
62-00-00-46210	PRIVATE FIRE PROTECTION SUB	3,741	3,744	3,744	2,808	3,744	3,744
62-00-00-46300	PUBLIC FIRE PROTECTION	262,539	267,295	270,946	204,120	269,160	270,305
62-00-00-46400	OTHER SALES PUBLIC AUTHORITY	0	0	0	0	0	0
62-00-00-46500	OTHER WATER SALES	0	0	0	0	0	0
62-00-00-46600	SALES FOR RESALE	0	0	0	0	0	0
62-00-00-46700	INTERDEPARTMENTAL SALES	0	0	0	0	0	0
62-00-00-47000	FORFEITED DISCOUNTS	1,495	4,417	4,150	2,352	4,200	4,300
62-00-00-47100	MISCELLANEOUS SERVICE REV	0	0	0	0	0	0
62-00-00-47110	CASH SHORT & OVER	3	1	0	0	0	0
62-00-00-47200	RENTS FROM WATER PROPERTY	0	0	0	0	0	0
62-00-00-47210	POLICE DEPT POLE BLDG RENT	0	0	0	0	0	0
62-00-00-47220	VERIZON LEASE	27,748	29,136	30,961	30,961	30,961	32,509
62-00-00-47221	GENEVA ON LINE RENT	22,880	23,836	26,062	18,616	26,062	26,279
62-00-00-47222	T-MOBILE LEASE	41,944	43,622	45,956	45,956	45,956	48,254
62-00-00-47225	AT & T LEASE	60,062	61,972	63,831	66,456	66,456	68,819
62-00-00-47230	SPRINT RENT	50,943	53,490	56,165	56,165	56,165	58,412
62-00-00-47235	US CELLULAR LEASE	22,796	23,708	24,976	24,976	24,976	26,225
62-00-00-47240	GATEWAY LEASE	5,000	5,000	5,000	5,000	5,000	5,000
62-00-00-47300	INTERDEPARTMENTAL RENTS	0	0	0	0	0	0
62-00-00-47400	OTHER WATER REVENUE	35,027	44,874	37,300	21,958	48,900	36,700
62-00-00-49000	APPL. PRIOR YR APPROPRIATIONS	0	0	0	0	0	0
62-00-00-99000	CAP CNTRITNS-CITY DONATIONS	0	0	0	0	0	0
62-00-00-99005	CAP CONTRIBUTIONS-IMPACT FEES	153,790	197,730	169,000	131,820	185,900	185,900
62-00-00-99010	CAP CNTRBTNS-CUSTOMER	1,701	376,701	0	0	0	0
TOTAL REVENUE		2,176,693	2,723,833	2,282,023	1,817,791	2,373,080	2,387,072

**Lake Geneva Utility Commission
Water Utility**

EXPENSES

SOURCE OF SUPPLY - OPERATION

	ACTUAL 12/31/2020	ACTUAL 12/31/2021	Budget Thru 12/31/2022	Actual Thru 9/30/2022	Projected 2022	Proposed 2023
62-00-00-60000 SUPERVISION & ENGINEERING	2,404	5,834	5,200	5,177	6,900	5,450
62-00-00-60100 LABOR & EXPENSES	15,663	12,218	13,600	7,285	9,900	14,400
62-00-00-60200 CHEMICALS	5,173	6,787	6,700	8,568	11,650	12,300
62-00-00-60300 MISC EXPENSES & UTILITY	30,325	34,464	33,500	25,703	35,900	37,700
TOTAL SOURCE OF SUPPLY - OPERATION	53,566	59,303	59,000	46,733	64,350	69,850

SOURCE OF SUPPLY - MAINTENANCE

62-00-00-61000 SUPERVISION & ENGINEERING	1,318	3,152	2,300	1,960	2,550	2,750
62-00-00-61100 STRUCTURE & IMPRVMT	1,624	85	1,800	638	850	1,400
62-00-00-61400 WELLS MAINTENANCE	3,714	16,454	3,000	5,987	9,900	60,000
62-00-00-61600 MAINS & VALVES-TO RESVR	0	0	2,500	0	0	2,350
TOTAL SOURCE OF SUPPLY - MAINTENANCE	6,656	19,692	9,600	8,584	13,300	66,500

PUMPING EXPENSE - OPERATION

62-00-00-62000 SUPERVISION & ENGINEERING	5,646	6,993	6,800	3,655	4,900	6,050
62-00-00-62100 FUEL PURCHASES (BIG BERTHA)	141	0	250	0	175	200
62-00-00-62300 PUMPING POWER PURCHASED	59,238	64,266	62,500	46,397	69,300	72,800
62-00-00-62400 PUMPING LABOR & EXPENSE	5,114	909	3,500	722	975	3,100
62-00-00-62600 MISCELLANEOUS EXPENSE	1,336	988	1,300	0	1,170	1,350
TOTAL PUMPING EXPENSE - OPERATION	71,475	73,157	74,350	50,774	76,520	83,500

PUMPING EXPENSE - MAINTENANCE

62-00-00-63000 SUPERVISION & ENGINEERING	2,208	4,384	3,200	2,920	3,700	3,200
62-00-00-63100 MAINTENANCE OF STRUCTURES	702	22	2,000	0	660	1,500
62-00-00-63300 MAINT PUMPING EQUIP	3,572	47,034	20,500	131	175	41,250
TOTAL PUMPING EXPENSE - MAINTENANCE	6,482	51,440	25,700	3,052	4,535	45,950

WATER TREATMENT - OPERATION

62-00-00-64000 SUPERVISION & ENGINEERING	30,286	18,497	25,200	10,425	14,300	22,900
62-00-00-64100 CHEMICALS	37,746	32,288	35,200	38,885	54,100	56,800
62-00-00-64200 LABOR & EXPENSES (LAB)	33,736	26,609	31,950	21,742	29,200	32,400
62-00-00-64300 MISC EXPENSE	6,593	6,288	4,600	67	4,470	4,800
TOTAL WATER TREATMENT - OPERATION	108,362	83,682	96,950	71,119	102,070	116,900

Lake Geneva Utility Commission		ACTUAL	ACTUAL	Budget Thru	Actual Thru	Projected	Proposed
Water Utility		12/31/2020	12/31/2021	12/31/2022	9/30/2022	2022	2023
WATER TREATMENT - MAINTENANCE							
62-00-00-65000	SUPERVISION & ENGINEERING	6,002	12,193	9,900	7,794	10,400	10,600
62-00-00-65100	PLANT MAINTENANCE	1,538	7,296	2,800	1,056	1,200	2,700
62-00-00-65200	MAINT WATER TREATMENT EQUIP	47,828	168,999	52,000	50,168	65,200	62,700
TOTAL WATER TREATMENT - MAINTENANCE		55,367	188,487	64,700	59,018	76,800	76,000
TRANSMISSION & DISTRIBUTION - OPERATION							
62-00-00-66000	OPERATIONS SUPERVISION	11,309	8,479	11,800	9,176	12,400	9,400
62-00-00-66100	MAINT OPS-STANDPIPES	10,106	11,679	10,600	8,160	10,700	24,000
62-00-00-66200	TRANS & DISTRIBUTION-FLUSHING	4,744	6,887	4,950	3,999	7,900	8,100
62-00-00-66300	METER EXPENSE	5,272	8,092	18,650	10,028	13,600	20,600
62-00-00-66400	CUSTOMER INSTALLATIONS EXP	0	0	0	0	0	0
62-00-00-66500	MISC EXPENSE LICENSE & TOOLS	1,125	1,965	1,800	261	600	1,800
TOTAL TRANS. & DISTRIBUTION - OPERATION		32,557	37,101	47,800	31,624	45,200	63,900
TRANSMISSION & DISTRIBUTION - MAINTENANCE							
62-00-00-67000	MAINTENANCE SUPERVISION	5,272	5,598	5,300	7,490	9,700	10,400
62-00-00-67100	STRUCTURE & IMPROVEMENTS	36	0	150	44	70	150
62-00-00-67200	RESERVOIR & STANDPIPES	457,734	26,509	22,000	12,294	20,900	23,200
62-00-00-67300	MAINT OF MAINS & VALVES	27,544	107,662	85,000	76,684	90,784	85,000
62-00-00-67500	MAINT SERVICES & CURB BOX	53,443	61,202	60,000	41,715	47,700	60,000
62-00-00-67600	MAINT OF METERS	1,885	782	6,900	2,881	3,840	6,400
62-00-00-67700	MAINT OF HYDRANTS	4,838	2,635	73,500	74,285	84,450	7,500
62-00-00-67800	MAINT FOUNTAINS & MISC PLANT	432	5,423	1,500	9,282	600	1,500
TOTAL TRANS. & DISTRIBUTION - MAINTENANCE		551,184	209,811	254,350	224,674	258,044	194,150
CUSTOMER ACCOUNTS							
62-00-00-90100	SUPERVISION	14,669	14,921	15,975	11,937	16,400	17,050
62-00-00-90200	METER READING EXPENSE	6,434	5,094	3,650	406	2,750	2,400
62-00-00-90300	RECORDS & COLLECTION EXPENSE	20,445	19,890	19,500	17,967	25,092	26,400
62-00-00-90400	UNCOLLECTABLE ACCOUNTS	58	90	75	36	50	75
62-00-00-90500	MISC CUSTOMER A/CS EXP	0	0	0	0	0	0
62-00-00-90600	CUSTOMER SERVICE & INFORMATION	26,144	26,593	27,950	20,776	27,900	30,100
TOTAL CUSTOMER ACCOUNTS		67,750	66,588	67,150	51,122	72,192	76,025

Lake Geneva Utility Commission

Water Utility

ADMIN & GENERAL OPERATIONS

62-00-00-92000	ADMIN & GENERAL SALARIES	24,281	24,776	26,100	17,739	23,600	32,160
62-00-00-92001	DIRECTOR'S SALARY EXPENSE	45,143	45,956	47,794	36,764	49,090	53,565
62-00-00-92100	OFFICE SUPPLIES & EXPENSE	17,448	16,229	17,500	19,447	25,200	18,400
62-00-00-92300	OUTSIDE SERVICES EMPLOYED	76,000	18,571	49,500	44,314	68,387	46,000
62-00-00-92400	PROPERTY/LIAB/WC INSURANCE	29,258	29,479	31,600	22,473	31,400	31,500
62-00-00-92500	INJURIES & DAMAGE	0	0	0	0	0	0
62-00-00-92600	EMPLOYEE PENSIONS & BENEFITS	1,609	-67,218	29,675	2,782	3,700	2,275
62-00-00-92601	COMP TIME WATER	-224	2,514	0	4,319	6,700	6,500
62-00-00-92605	PAID TIME OFF	20,900	24,907	28,559	21,717	28,413	32,550
62-00-00-40800	SS TAX EXPENSE	30,877	32,599	35,550	25,033	33,700	39,090
62-00-00-92610	HEALTH INSURANCE EXPENSE	91,425	92,709	105,828	83,160	111,000	116,500
62-00-00-92620	DENTAL INSURANCE EXPENSE	4,405	5,227	6,780	5,038	6,750	6,900
62-00-00-92625	LONG TERM DISABILITY	1,528	1,568	1,525	1,167	1,555	1,640
62-00-00-92630	LIFE INSURANCE EXPENSE	1,371	1,510	910	807	1,080	1,110
62-00-00-92635	VISION INSURANCE EXPENSE	0	268	0	220	295	300
62-00-00-92640	PENSION EXPENSE	32,511	28,986	29,675	21,311	28,400	33,500
62-00-00-92645	PENSION EXPENSE-GASB 68 ADJ	0	0	0	0	0	0
62-00-00-92660	BEREAVEMENT EXPENSE	0	0	0	0	0	0
62-00-00-92670	FAMILY MEDICAL LEAVE	7,450	2,922	0	0	0	0
62-00-00-92680	ON CALL EXPENSE	2,454	2,550	2,650	2,000	3,200	5,200
62-00-00-92690	WORKERS COMP WAGES PAID/REIMB	0	2,906	0	0	0	0
62-00-00-92700	VACATION PAY	0	0	0	0	0	0
62-00-00-92701	HOLIDAY PAY	9,699	11,598	11,967	6,540	12,910	13,050
62-00-00-92702	PERSONAL DAY P/R EXPENSE	0	0	0	0	0	0
62-00-00-92703	OPEB-ANNUAL CONTRIB	0	0	0	0	0	0
62-00-00-92800	REGULATORY COMMISSION EXPENSE	2,109	0	2,500	0	2,496	2,600
62-00-00-92900	DUPLICATE CHARGES-CREDIT	0	0	0	0	0	0
62-00-00-93000	MISCELLANEOUS GENERAL EXP	2,020	4,698	3,500	2,994	3,990	3,700
62-00-00-93001	PRIOR PERIOD ADJUSTMENT	0	0	0	0	0	0
62-00-00-93100	ADMIN & GENERAL RENTS	0	0	0	0	0	0
62-00-00-93200	MAINTENANCE OF GENERAL PLANT	8,951	9,852	6,500	12,263	13,600	7,700
62-00-00-93300	TRANSPORTATION EXPENSE	9,811	10,876	8,000	6,558	8,800	9,300

TOTAL ADMIN & GENERAL OPERATIONS 419,025 303,481 446,113 336,645 464,266 463,540

OTHER EXPENSES

62-00-00-42710	INTEREST EXPENSE-OTHER	0	0	0	0	0	0
62-00-00-40801	PROPERTY TAX EQUIVALENT	290,079	285,640	305,000	225,000	305,000	310,000
62-00-00-40802	RECORD TAX EQUIVALENT	-9,929	-9,744	0	0	0	0

TOTAL OTHER EXPENSES 280,150 275,896 305,000 225,000 305,000 310,000

TOTAL OPERATION & MAINTENANCE EXPENSES 1,652,574 1,368,638 1,450,713 1,108,346 1,482,277 1,566,315

REVENUES OVER O&M EXPENSES 524,120 1,355,195 831,310 709,445 890,803 820,757

Lake Geneva Utility Commission		ACTUAL	ACTUAL	Budget Thru	Actual Thru	Projected	Proposed
Water Utility		12/31/2020	12/31/2021	12/31/2022	9/30/2022	2022	2023
CAPITAL OUTLAY							
62-00-00-10700	OUTLAY - EQUIPMENT	133,344	0	6,500	32,000	32,000	6,500
62-00-00-10700	OUTLAY - VEHICLES	729	0	0	0	0	0
62-00-00-10700	OUTLAY - BUILDINGS	0	30,149	135,000	41,000	79,000	80,000
62-00-00-10700	OUTLAY - PUMPING EQUIPMENT	0	0	0	0	0	0
62-00-00-10700	OUTLAY - TREATMENT EQUIPMENT	6,367	813	0	0	0	0
62-00-00-10700	OUTLAY - MAINS	4,554	215,586	225,000	3,494	9,894	355,000
62-00-00-15000	MATERIAL-SUPPLIES	2,357	2,341	0	6,192	3,700	0
62-00-00-10700	OUTLAY - WATER TOWERS	483,645	0	0	0	0	0
62-00-00-34600	METERS	38,241	39,320	68,600	35,643	45,650	134,500
62-00-00-10700	OUTLAY - MISCELLANEOUS	21,743	17,000	0	0	0	0
TOTAL CAPITAL OUTLAY		690,980	305,208	435,100	118,330	170,244	576,000
TOTAL UTILITY ANNUAL REVENUE		2,176,693	2,723,833	2,282,023	1,817,791	2,373,080	2,387,072
TOTAL UTILITY ANNUAL EXPENSE		2,343,554	1,673,846	1,885,813	1,226,675	1,652,521	2,142,315
TOTAL BALANCE		-166,860	1,049,987	396,210	591,116	720,559	244,757
CASH TRANSFERS							
	TRANS IMPACT FEE RESERVE FUND () = <i>Deposit</i>	346,271	(155,664)	(170,000)	(150,500)	(192,400)	(199,100)
	TRANS EQUIPMENT REPLACEMENT FUND () = <i>Deposit</i>	0	(170,266)	(50,000)	(244,000)	(244,000)	(42,500)
	TRANS TO CAPITAL PROJECT FUND () = <i>Deposit</i>	(150,000)	(740,442)	(170,000)	(365,000)	(365,000)	0
TOTAL TRANSFERS		196,271	(1,066,372)	(390,000)	(759,500)	(801,400)	(241,600)
NET CHANGE IN CASH BALANCE		29,410	(16,385)	6,210	(168,384)	(80,841)	3,157
DEPRECIATION							
62-00-00-40300	DEPRECIATION EXPENSE	255,766	254,178	0	0	253,500	0
62-00-00-40301	DEPRECIATION EXP-GOLF HILLS	5,951	5,951	0	0	5,951	0
62-00-00-40302	DEPRECIATION EXP-CONTRIBUTED	151,671	157,283	0	0	166,250	0
TOTAL DEPRECIATION		413,387	417,412	0	0	425,701	0