CHARTER TOWNSHIP OF VAN BUREN BOARD OF TRUSTEES
MAY 4, 2021 BOARD MEETING 6:00 P.M.
TENTATIVE AGENDA
REMOTE MEETING

To mitigate the spread of COVID-19, protect the public health, and provide essential protections to Van Buren Township residents; this Van Buren Township's Board of Trustees meeting will be conducted virtually as permissible under Public Acts of 2020 Act No. 254 and Declaration of a Health Emergency in Wayne County. To participate in the meeting electronically, the public may follow the instructions below:

Please click the link below to join the webinar:
https://zoom.us/j/96949105739
Webinar ID: 969 4910 5739
Or iPhone one-tap :
US: +13126266799,,96949105739#
Or Telephone:
Dial(for higher quality, dial a number based on your current location):
US: +1 312 626 6799
International numbers available: https://zoom.us/u/a0rvjWlli
for more information, see the "How to Join a Zoom Meeting" document on Van Buren Township's website:
https://vanburen-mi.org/wp-content/uploads/2020/05/How-to-join-a-Zoom-Meeting_v5.pdf

CALL TO ORDER:
PLEDGE OF ALLEGIANCE:
ROLL CALL:
Supervisor McNamara _____ Treasurer Budd _____Clerk Wright _____
Trustee Frazier_____ Trustee Martin_____ Trustee Miller_____ Trustee Boynton_____

EXECUTIVE SUMMARY OF THE AGENDA:
ADOPTION OF AGENDA:
ADOPTION OF CONSENT AGENDA:

1. Board Meeting Minutes of April 20, 2021.
2. Closed Session Minutes of April 20, 2021.
3. Prepaid List of April 22, 2021.
4. Prepaid List of April 29, 2021.
5. Voucher List of May 4, 2021.

PUBLIC HEARING:

CORRESPONDENCE/ANNOUNCEMENTS/ PRESENTATIONS:

PUBLIC COMMENT (Unfinished and New Business):

UNFINISHED BUSINESS:

NEW BUSINESS:

1. Discussion on, and to consider approval of the first reading of Ordinance 5-4-21(1) to clarify required minimum useable floor area per dwelling unit in independent senior housing developments and to allow additional signage in senior housing developments.
2. Discussion on, and to consider approval of Davenport Brothers Construction for the French Landing Park Phase 1 Improvement Project in the amount of $277,163.00.

3. Discussion on, and to consider approval of Zambelli Fireworks Company for the 2021 Van Buren Township Fireworks Show, scheduled for June 26, 2021, and authorize the Supervisor and Clerk to execute the agreement.

REPORTS:

PUBLIC COMMENT NON-AGENDA ITEMS :

BOARD COMMENT NON-AGENDA ITEMS:

ADJOURNMENT:

CHARTER TOWNSHIP OF VAN BUREN
BOARD OF TRUSTEES MEETING MINUTES
APRIL 20, 2021 ELECTRONICALLY VIA ZOOM

Supervisor McNamara called the meeting to order electronically via Zoom meeting ID: 985 0716 3367 5:00 p.m. Present: Supervisor McNamara, Treasurer Budd, Clerk Wright, Trustee Frazier, Trustee Martin, and Trustee Miller. Arriving at 6:00 p.m. following the closed session Trustee Boynton. Others participating, facilitating and monitoring the meeting: Secretary Montgomery, Public Services Department Director Best, Developmental Services Director Power, Communication Specialist Nichols and a maximum audience of twenty (20).

CLOSED SESSION: Miller moved Frazier seconded to go into closed session at 5:06 p.m. pursuant to MCL 5.268 - section (h) To consider the contents of an attorney-client communication. Roll Call Vote: Yeas: McNamara, Budd, Wright, Frazier, Martin, and Miller. Excused: Boynton. Motion Carried.

Miller moved, Frazier seconded to reconvene at 6:00 p.m. Roll Call Vote: Yeas: McNamara, Budd, Wright, Boynton, Frazier, Martin, and Miller. Motion Carried.

EXECUTIVE SUMMARY OF THE AGENDA: Supervisor McNamara outlined the items appearing on the agenda.

ADOPTION OF THE AGENDA: Frazier moved, Boynton seconded to approve the agenda. Roll Call Vote. Yeas: McNamara, Budd, Wright, Frazier, Martin, and Miller. Motion Carried.

ADOPTION OF CONSENT AGENDA: Boynton moved, Miller seconded to approve the Consent Agenda: Board Meeting Minutes of April 6, 2021, Prepaid List of April 8, 2021, Prepaid List of April 15 2021, Voucher List of April 20, 2021] Roll Call Vote. Yeas: McNamara, Wright, Budd, Boynton, Frazier, Martin, and Miller. Motion Carried.

PUBLIC HEARING: None.

CORRESPONDENCE/ANNOUNCEMENTS/PRESENTATIONS: Announced the continuation of Forgotten Harvest Food Pantry every Tuesday at 2 p.m. while supplies last. No registration or forms are required and you may pick up food for another family or neighbor. Anyone wishing to volunteer for the food pantry contact the Senior Center at 734-699-8918, beginning the week of April 26th the DDA will begin a sidewalk replacement project within the DDA boundaries, the Township will hold a Special Meeting to discuss the Sidewalk Replacement Program in the Van Buren Estates subdivision (a.k.a. Haggerty Sub) on Tuesday April 27, 2021 at 7:00 p.m. via zoom. Interested persons may join the meeting at https://us02web.zoom.us/j/89044013105 or calling in at 1 (312) 626-6799, and a walk in Covid-19 vaccination clinic is being held Monday through Saturday from 8 a.m. until 3:00 p.m. at the Wayne County Community College (Ted Scott Campus) located at 9555 Haggerty Rd in Van Buren Township. Vaccines are available for ages 16+. For more information or to schedule an appointment call 866-610-3885.

PUBLIC COMMENT (Unfinished and New Business): Resident asked if there were any road improvement updates slated for this year. The Supervisor indicated he will find out and post notice on the Township website. The Township was not notified of the closure of the bridge at Haggerty Road however has been advised it will re-open on Monday April 26, 2021.

UNFINISHED BUSINESS:

NEW BUSINESS:

Boynton moved, Miller seconded to approve the second (final) reading of Ordinance 04-06-21(1) amendments to lot coverage and outdoor industrial storage area related to unenclosed roofed structures. Roll Call Vote. Yeas: McNamara, Budd, Wright, Boynton, Frazier, Martin, Miller. Motion Carried.

Martin moved, Miller seconded to approve the request for excavation, removal and off-site hauling of up to roughly 192,800 cubic yards of soil in order to create two (2) 5-acre irrigation ponds for agricultural purposes on three parcels south of Hull road between Martinsville and Sumpter Road. Roll Call Vote. Yeas: McNamara, Budd, Wright, Boynton, Frazier, Martin, Miller. Motion Carried.

Clerk Wright requested to abstain from discussion and action on item #3 due to role as president of the Andover Farms Subdivision Homeowners Association. Budd moved, Miller seconded to approve allowing Clerk Wright to abstain from discussion and voting on the item. Roll Call Vote: Yeas: McNamara, Budd, Boynton, Frazier, Martin, Miller. Abstained: Wright. Motion Carried.

Miller moved, Frazier seconded to approve the 2021 Memorandums of Understanding with Walden Woods, Charter Club Estates, Andover Farms and Robinson River Park for participation in the Wayne County Local Road Initiative and authorize the Supervisor to execute the Memorandums of Understanding. Roll Call Vote. Yeas: McNamara, Budd, Boynton, Frazier, Martin, Miller. Abstained: Wright. Motion Carried.

REPORTS: None.

PUBLIC COMMENT NON-AGENDA ITEMS: None.

BOARD COMMENT NON-AGENDA ITEMS: Director Power announced that on April 28th the introductory meeting for the Sumpter Rd. corridor planning webinar, BACA brought a bunch of fish sculptures and want the Township and DDA to purchase a fish sculpture to place around the Township. It was stated this is not a permissible government expense.

ADJOURNMENT: Budd moved, Martin seconded to adjourn at 6:54 p.m. Motion Carried.

_____ Date: _____.

Leon Wright, Township Clerk

_____

Kevin McNamara, Supervisor Date: _____.

INVOICE REGISTER REPORT FOR VAN BUREN TOWNSHIP
EXP CHECK RUN DATES 04/22/2021 - 04/22/2021
UNJOURNALIZED
OPEN
04.22.21 PREPAID

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
Vendor ASTELECOM - A&S TELECOM CONSULTING:									
3173									
100623	A&S TELECOM CONSULTING		05/01/2021	04/22/2021	46.80	46.80	Open	N	
	MAY MUSEUM PHONE SVCS		KTYLER					04/22/2021	
	250-000-850-000	MAY MUSEUM PHONE SVCS			46.80				
	Total for vendor ASTELECOM - A&S TELECOM CONSULTING:				46.80	46.80			
Vendor ATT - AT&T:									
734326298204									
100621	AT&T		04/07/2021	04/22/2021	382.23	382.23	Open	N	
	4.7-5.6 326-2982		KTYLER					04/22/2021	
	101-265-850-000	4.7-5.6 326-2982			382.23				
	Total for vendor ATT - AT&T:				382.23	382.23			
Vendor ATT4 - AT&T MOBILITY:									
287285038490									
100614	AT&T MOBILITY		04/06/2021	04/22/2021	47.68	47.68	Open	N	
	3.7-4.6 FD CELL PHONE SVCS		KTYLER					04/22/2021	
	101-336-850-000	3.7-4.6 FD CELL PHONE SVCS			47.68				
	Total for vendor ATT4 - AT&T MOBILITY:				47.68	47.68			
Vendor BADL - BELLEVILLE AREA DISTRICT LIBRARY:									
TAXES									
100617	BELLEVILLE AREA DISTRICT LIBRARY		04/16/2021	04/22/2021	1,477.04	1,477.04	Open	N	
	Q1 DLQ PERS PROP TAX		KTYLER					04/22/2021	
	701-000-499-000	Q1 DLQ PERS PROP TAX			1,477.04				
	Total for vendor BADL - BELLEVILLE AREA DISTRICT LIBRARY:				1,477.04	1,477.04			
Vendor BCBS - BLUE CROSS BLUE SHIELD OF MI:									
007002712									
100644	BLUE CROSS BLUE SHIELD OF MI		04/06/2021	04/22/2021	105,592.30	105,592.30	Open	N	
	MAY HLTH INSUR		KTYLER					04/22/2021	
	101-171-719-000	MAY HLTH INSUR			3,272.44				
	101-215-719-000	MAY HLTH INSUR			2,459.48				
	101-228-719-000	MAY HLTH INSUR			1,625.92				
	101-247-719-000	MAY HLTH INSUR			4,394.12				
	101-253-719-000	MAY HLTH INSUR			812.96				
	101-265-719-000	MAY HLTH INSUR			9,313.08				
	101-301-719-000	MAY HLTH INSUR			37,139.12				
	101-325-719-000	MAY HLTH INSUR			2,150.76				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	101-329-719-000	MAY HLTH INSUR			2,459.48				
	101-336-719-000	MAY HLTH INSUR			8,263.40				
	101-370-719-000	MAY HLTH INSUR			6,020.04				
	101-692-719-000	MAY HLTH INSUR			1,934.64				
	101-900-719-000	MAY HLTH INSUR			6,648.82				
	247-000-719-000	MAY HLTH INSUR			3,272.44				
	250-000-719-000	MAY HLTH INSUR			812.96				
	592-536-719-000	MAY HLTH INSUR			6,328.76				
	592-536-719-001	MAY HLTH INSUR			8,683.88				
	Total for vendor BCBS - BLUE CROSS BLUE SHIELD OF MI:				105,592.30	105,592.30			
Vendor BCBSMA - BLUE CROSS BLUE SHIELD OF MI:									
210406712875									
100625	BLUE CROSS BLUE SHIELD OF MI		04/06/2021	04/22/2021	8,482.40	8,482.40	Open	N	
	MAY HLTH INSUR (MEDICARE ADVANTA		KTYLER					04/22/2021	
	101-900-719-000	MAY HLTH INSUR (MEDICARE ADVANTAGE)			7,637.30				
	592-536-719-001	MAY HLTH INSUR (MEDICARE ADVANTAGE)			845.10				
	Total for vendor BCBSMA - BLUE CROSS BLUE SHIELD OF MI:				8,482.40	8,482.40			
Vendor VISA - CHASE CARD SVCS:									
BUDD									
100604	CHASE CARD SVCS		04/08/2021	04/22/2021	40.00	40.00	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-101-956-000	FEB LATE FEE			40.00				
JORDAN									
100605	CHASE CARD SVCS		04/08/2021	04/22/2021	454.68	454.68	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-692-956-000	MISSING RECEIPT			43.70				
	101-692-956-000	MISSING RECEIPT			20.00				
	101-692-956-000	MISSING RECEIPT			2.99				
	101-692-742-000	JP'S PIANO MOVING-HAUL AWAY-BROKEN			375.00				
	101-692-956-000	MISSING RECEIPT			12.99				
L.WRIGHT									
100606*	CHASE CARD SVCS		04/08/2021	04/22/2021	1,067.50	1,067.50	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-265-740-000	AMAZON RETURN FOR CREDIT			(79.95)				
	101-248-727-000	MONTGOMERY /TOWLES PHONE CHARGERS			17.50				
	101-265-740-000	AMAZON REPLACE CEMETERY LIGHT-DAMAGE			79.95				
	101-215-861-000	BEAUDRY 5.8-9 IIMC CONF REG			500.00				
	101-215-861-000	L.WRIGHT 5.8-9 IIMC CONF REG			550.00				

INVOICE REGISTER REPORT FOR VAN BUREN TOWNSHIP
EXP CHECK RUN DATES 04/22/2021 - 04/22/2021
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Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
DALLOS									
100607	CHASE CARD SVCS		04/08/2021	04/22/2021	154.13	154.13	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	250-000-740-000	FOLD3 ANNL ARCHIVAL MEMBERSHIP			79.95				
	250-000-743-000	BRADFORD EXCHANGE PAYPAL			37.09				
	250-000-743-000	BRADFORD EXCHANGE PAYPAL			37.09				
MCNAMARA									
100608	CHASE CARD SVCS		04/08/2021	04/22/2021	(10.00)	(10.00)	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-247-861-000	MTA BOR TRNG REG REFUND			(10.00)				
MCNAMARA									
100609	CHASE CARD SVCS		04/08/2021	04/22/2021	2.99	2.99	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-715-956-000	CABLE MARCH EXTRA MEDIA STORAGE			2.99				
LAURAIN									
100610	CHASE CARD SVCS		04/08/2021	04/22/2021	2,288.95	2,288.95	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-336-740-000	AMAZON WIFI/SUPPLIES-FIRE DEPT			491.94				
	101-301-741-000	AMAZON STOCK FLASHLIGHTS-POLICE			420.00				
	101-301-860-000	WEATHER TECH-(3) FLOOR LINERS DET BUR			559.36				
	101-301-956-000	RECEIPT# 106164 REIMBURSEMENT			50.00				
	101-301-861-000	BAZZY 4.16 FBI NAA LUNCH REG			25.00				
	101-301-861-000	STANTON 4.15-16 VIRTUAL CHEMICAL SPRY			75.00				
	101-329-810-000	QUEENER 2021 MAACO MEMBERSHIP			11.00				
	101-329-861-000	QUEENER 5.2-4 MAACO CONF REG			175.00				
	101-329-861-000	QUEENER 5.2-4 MAACO CONF LODGING			147.61				
	101-301-956-000	RECEIPT# 106164 REIMBURSEMENT			0.15				
	101-301-861-000	STANTON 5.17 VIRTUAL SCUBA DIVE TRNG			175.00				
	101-301-956-000	ZOOM 4.1-3.31.22 SUBSCRIPTION			158.89				
BEST									
100611	CHASE CARD SVCS		04/08/2021	04/22/2021	1,037.43	1,037.43	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-101-955-000	ZOOM COVID-19 VIRTUAL BLDG DEPT			58.29				
	101-265-740-000	RENAUD PHONE CASE/SCREEN PROTECT			80.32				
	592-536-816-000	ESRI (2) GEN ARC GIS ONLINE LICENSES			70.68				
	101-101-955-000	ZOOM COVID-19 VIRTUAL PS MTGS			116.58				
	101-370-956-000	RENAUD MARCH ADOBE PHOTO SCRIPT			29.99				
	101-265-740-000	I.T. ELEC CLOSET(SENIORS)- A/C UNIT			622.32				
	101-265-740-000	STAPLES (2) PROJECT PLNR BOOKS PS			59.25				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
SELMAN									
100612	CHASE CARD SVCS		04/08/2021	04/22/2021	58.29	58.29	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-715-740-000	CABLE ZOOM APRIL WEBINARS			58.29				
ZAENGLEIN									
100613	CHASE CARD SVCS		04/08/2021	04/22/2021	229.88	229.88	Open	N	
	MARCH STMT		KTYLER					04/22/2021	
	101-718-740-000	HOBBY LOBBY-ROCKS FOR PAINTING KITS			29.94				
	101-718-740-000	ROCKS/SQUEEZE BOTTLES FOR GIVEAWAY			60.37				
	101-718-740-000	ROCKS-KINDNESS ROCK GIVEAWAY			24.95				
	101-718-740-000	ZIPLOC BAGS-SPRING BREAK ROCK KITS			18.62				
	101-718-861-000	ZAENGLEIN 4.7 ARC ADULT/PED CPR/AED-B			96.00				
		Total for vendor VISA - CHASE CARD SVCS:			5,323.85	5,323.85			
Vendor BELCIT - CITY OF BELLEVILLE:									
MAIN-000405-0000-01									
100626	CITY OF BELLEVILLE		04/10/2021	04/22/2021	32.84	32.84	Open	N	
	WS 02.11-04.10 405 MAIN		KTYLER					04/22/2021	
	250-000-920-000	WS 02.11-04.10 405 MAIN			32.84				
		Total for vendor BELCIT - CITY OF BELLEVILLE:			32.84	32.84			
Vendor DEANAT - DEARBORN NATIONAL:									
EAB100157-1									
100624	DEARBORN NATIONAL		04/08/2021	04/22/2021	8,996.92	8,996.92	Open	N	
	MAY S&A/LIFE INSURANCE		KTYLER					04/22/2021	
	101-101-719-000	MAY LIFE INSURANCE			13.20				
	101-171-719-000	MAY S&A/LIFE INSURANCE			325.26				
	101-191-719-000	MAY S&A/LIFE INSURANCE			121.30				
	101-215-719-000	MAY S&A/LIFE INSURANCE			334.88				
	101-228-719-000	MAY S&A/LIFE INSURANCE			251.81				
	101-247-719-000	MAY S&A/LIFE INSURANCE			153.42				
	101-253-719-000	MAY S&A/LIFE INSURANCE			318.18				
	101-265-719-000	MAY S&A/LIFE INSURANCE			490.53				
	101-301-719-000	MAY S&A/LIFE INSURANCE			3,680.48				
	101-325-719-000	MAY S&A/LIFE INSURANCE			533.48				
	101-329-719-000	MAY S&A/LIFE INSURANCE			158.96				
	101-336-719-000	MAY S&A/LIFE INSURANCE			549.59				
	101-370-719-000	MAY S&A/LIFE INSURANCE			464.04				
	101-691-719-000	MAY S&A/LIFE INSURANCE			139.39				
	101-692-719-000	MAY S&A/LIFE INSURANCE			133.15				
	101-715-719-000	MAY S&A/LIFE INSURANCE			149.08				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	101-900-719-000	MAY LIFE INSURANCE			74.15				
	247-000-719-000	MAY S&A/LIFE INSURANCE			167.95				
	250-000-719-000	MAY S&A/LIFE INSURANCE			64.02				
	592-536-719-000	MAY S&A/LIFE INSURANCE			874.05				
	Total for vendor DEANAT - DEARBORN NATIONAL:				8,996.92	8,996.92			
Vendor DTE - DTE ENERGY:									
920000828565									
100632	DTE ENERGY		04/05/2021	04/22/2021	29.99	29.99	Open	N	
	3.4-4.1 10000 BECK		KTYLER					04/22/2021	
	101-265-920-000	3.4-4.1 10000 BECK			29.99				
910013925714									
100633	DTE ENERGY		04/07/2021	04/22/2021	2,044.25	2,044.25	Open	N	
	3.6-4.6 7981 BVL		KTYLER					04/22/2021	
	101-336-920-000	3.6-4.6 7981 BVL			1,573.87				
	101-336-920-000	3.6-4.6 7981 BVL			470.38				
9200074690558									
100634	DTE ENERGY		04/05/2021	04/22/2021	14.95	14.95	Open	N	
	3.4-4.1 45285 ECORSE		KTYLER					04/22/2021	
	247-000-920-000	3.4-4.1 45285 ECORSE			14.95				
910015586795									
100635	DTE ENERGY		04/12/2021	04/22/2021	293.40	293.40	Open	N	
	3.1-4.9 45581 ECORSE		KTYLER					04/22/2021	
	101-265-920-000	3.1-4.9 45581 ECORSE			293.40				
910016815763									
100636	DTE ENERGY		04/12/2021	04/22/2021	47.51	47.51	Open	N	
	3.12-4.9 45581 ECORSE		KTYLER					04/22/2021	
	101-265-920-000	3.12-4.9 45581 ECORSE			47.51				
910013926803									
100637	DTE ENERGY		04/07/2021	04/22/2021	494.78	494.78	Open	N	
	3.6-4.6 9260 HAGGERTY		KTYLER					04/22/2021	
	592-536-920-000	3.6-4.6 9260 HAGGERTY			494.78				
910013926647									
100638	DTE ENERGY		04/09/2021	04/22/2021	55.64	55.64	Open	N	
	3.11-4.8 11940 HANNAN		KTYLER					04/22/2021	
	592-536-920-000	3.11-4.8 11940 HANNAN			55.64				
910013925011									
100639	DTE ENERGY		04/07/2021	04/22/2021	215.80	215.80	Open	N	
	3.6-4.6 39600 TYLER		KTYLER					04/22/2021	

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	101-265-920-000	3.6-4.6 39600 TYLER			215.80				
910016815318									
100640	DTE ENERGY		04/07/2021	04/22/2021	174.61	174.61	Open	N	
	3.6-4.6 39600 TYLER		KTYLER					04/22/2021	
	101-265-920-000	3.6-4.6 39600 TYLER			15.58				
	101-265-920-000	3.6-4.6 39600 TYLER			159.03				
910016828634									
100641	DTE ENERGY		04/05/2021	04/22/2021	142.48	142.48	Open	N	
	3.4-4.1 13085 VENTURA		KTYLER					04/22/2021	
	592-536-920-000	3.4-4.1 13085 VENTURA			35.64				
	592-536-920-000	3.4-4.1 13085 VENTURA			106.84				
		Total for vendor DTE - DTE ENERGY:			3,513.41	3,513.41			
Vendor EHIM - EHIM:									
ADM00026167									
100642	EHIM		04/09/2021	04/22/2021	1,590.00	1,590.00	Open	N	
	APRIL ADMIN FEES		KTYLER					04/22/2021	
	101-171-719-000	APRIL ADMIN FEES			28.00				
	101-191-719-000	APRIL ADMIN FEES			11.50				
	101-215-719-000	APRIL ADMIN FEES			25.50				
	101-228-719-000	APRIL ADMIN FEES			39.50				
	101-247-719-000	APRIL ADMIN FEES			28.00				
	101-253-719-000	APRIL ADMIN FEES			48.50				
	101-265-719-000	APRIL ADMIN FEES			74.00				
	101-301-719-000	APRIL ADMIN FEES			516.50				
	101-325-719-000	APRIL ADMIN FEES			99.50				
	101-329-719-000	APRIL ADMIN FEES			25.50				
	101-336-719-000	APRIL ADMIN FEES			79.00				
	101-370-719-000	APRIL ADMIN FEES			67.50				
	101-691-719-000	APRIL ADMIN FEES			23.00				
	101-692-719-000	APRIL ADMIN FEES			25.50				
	101-715-719-000	APRIL ADMIN FEES			23.00				
	101-900-719-000	APRIL ADMIN FEES			306.00				
	247-000-719-000	APRIL ADMIN FEES			28.00				
	250-000-719-000	APRIL ADMIN FEES			14.00				
	592-536-719-000	APRIL ADMIN FEES			88.00				
	592-536-719-001	APRIL ADMIN FEES			39.50				
		Total for vendor EHIM - EHIM:			1,590.00	1,590.00			
Vendor EHIM2 - EHIM REIMBURSABLE:									

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
FND00024110									
100643	EHIM REIMBURSABLE		04/09/2021	04/22/2021	18,719.54	18,719.54	Open	N	
	BCBS/BCN EMPLOYEE HRA		KTYLER					04/22/2021	
	101-101-719-000	BCBS/BCN EMPLOYEE HRA			20.00				
	101-171-719-000	BCBS/BCN EMPLOYEE HRA			201.34				
	101-191-719-000	BCBS/BCN EMPLOYEE HRA			114.88				
	101-228-719-000	BCBS/BCN EMPLOYEE HRA			173.55				
	101-253-719-000	BCBS/BCN EMPLOYEE HRA			591.76				
	101-265-719-000	BCBS/BCN EMPLOYEE HRA			40.00				
	101-301-719-000	BCBS/BCN EMPLOYEE HRA			8,550.22				
	101-325-719-000	BCBS/BCN EMPLOYEE HRA			3,167.08				
	101-329-719-000	BCBS/BCN EMPLOYEE HRA			1,847.87				
	101-336-719-000	BCBS/BCN EMPLOYEE HRA			2,733.33				
	101-370-719-000	BCBS/BCN EMPLOYEE HRA			160.00				
	101-691-719-000	BCBS/BCN EMPLOYEE HRA			492.20				
	101-715-719-000	BCBS/BCN EMPLOYEE HRA			102.84				
	247-000-719-000	BCBS/BCN EMPLOYEE HRA			95.41				
	250-000-719-000	BCBS/BCN EMPLOYEE HRA			169.06				
	592-536-719-000	BCBS/BCN EMPLOYEE HRA			260.00				
	Total for vendor EHIM2 - EHIM REIMBURSABLE:				18,719.54	18,719.54			
Vendor MMRMAE - MI MUNICIPAL RISK MGMT AUTH ECP:									
D21031005									
100620	MI MUNICIPAL RISK MGMT AUTH ECP		04/15/2021	04/22/2021	4,591.83	4,591.83	Open	N	
	MARCH 46425 TYLER		KTYLER					04/22/2021	
	101-265-920-000	MARCH 46425 TYLER			4,591.83				
	Total for vendor MMRMAE - MI MUNICIPAL RISK MGMT AUTH ECP:				4,591.83	4,591.83			
Vendor RICOH - RICOH USA INC:									
5061450178									
100627	RICOH USA INC		02/19/2021	04/22/2021	772.48	772.48	Open	N	
	11.22-2.21 COPIER MAINT SQUAD RM		KTYLER					04/22/2021	
	101-301-933-000	11.22-2.21 COPIER MAINT SQUAD RM			772.48				
5061702505									
100628	RICOH USA INC		03/30/2021	04/22/2021	106.08	106.08	Open	N	
	12.30-3.29 COPIER MAINT PARK/REC		KTYLER					04/22/2021	
	101-691-933-000	12.30-3.29 COPIER MAINT PARK/REC			106.08				
5061735162									
100629	RICOH USA INC		04/01/2021	04/22/2021	85.61	85.61	Open	N	
	1.1-3.31 COPIER MAINT DDA		KTYLER					04/22/2021	
	247-000-740-000	1.1-3.31 COPIER MAINT DDA			85.61				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
5061734465									
100630	RICOH USA INC		04/01/2021	04/22/2021	193.35	193.35	Open	N	
	1.1-3.31 COPIER MAINT DET BUR		KTYLER					04/22/2021	
	101-301-933-000	1.1-3.31 COPIER MAINT DET BUR			193.35				
5061734386									
100631	RICOH USA INC		04/01/2021	04/22/2021	552.50	552.50	Open	N	
	1.1-3.31 COPIER MAINT DEV SVCS/W		KTYLER					04/22/2021	
	101-370-740-000	1.1-3.31 COPIER MAINT DEV SVCS/W&S			276.25				
	592-536-931-000	1.1-3.31 COPIER MAINT DEV SVCS/W&S			276.25				
	Total for vendor RICOH - RICOH USA INC:				1,710.02	1,710.02			
Vendor VBPUSC - VAN BUREN PUBLIC SCHOOL:									
TAXES									
100616	VAN BUREN PUBLIC SCHOOL		04/16/2021	04/22/2021	27.74	27.74	Open	N	
	Q1 DLQ PERS PROP TAX		KTYLER					04/22/2021	
	701-000-499-000	Q1 DLQ PERS PROP TAX			27.74				
	Total for vendor VBPUSC - VAN BUREN PUBLIC SCHOOL:				27.74	27.74			
Vendor VISEPL - VISION SERVICE PLAN:									
812163780									
100622	VISION SERVICE PLAN		04/18/2021	04/22/2021	2,532.41	2,532.41	Open	N	
	MAY VISION INSUR		KTYLER					04/22/2021	
	101-101-719-000	MAY VISION INSUR			49.79				
	101-171-719-000	MAY VISION INSUR			64.54				
	101-191-719-000	MAY VISION INSUR			26.43				
	101-215-719-000	MAY VISION INSUR			105.72				
	101-228-719-000	MAY VISION INSUR			49.79				
	101-247-719-000	MAY VISION INSUR			52.86				
	101-253-719-000	MAY VISION INSUR			90.97				
	101-265-719-000	MAY VISION INSUR			99.58				
	101-301-719-000	MAY VISION INSUR			1,021.56				
	101-325-719-000	MAY VISION INSUR			164.12				
	101-329-719-000	MAY VISION INSUR			52.86				
	101-336-719-000	MAY VISION INSUR			211.44				
	101-370-719-000	MAY VISION INSUR			140.76				
	101-691-719-000	MAY VISION INSUR			52.86				
	101-692-719-000	MAY VISION INSUR			52.86				
	101-715-719-000	MAY VISION INSUR			38.11				
	247-000-719-000	MAY VISION INSUR			38.11				
	250-000-719-000	MAY VISION INSUR			11.68				
	592-536-719-000	MAY VISION INSUR			208.37				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	Total for vendor VISEPL - VISION SERVICE PLAN:				2,532.41	2,532.41			
Vendor WASCOU - WASHTENAW COUNTY TREASURER:									
TAXES									
100615	WASHTENAW COUNTY TREASURER		04/16/2021	04/22/2021	3,922.00	3,922.00	Open	N	
	Q1 MOBILE HOME FEES		KTYLER					04/22/2021	
	701-000-499-000	Q1 MOBILE HOME FEES			3,922.00				
	Total for vendor WASCOU - WASHTENAW COUNTY TREASURER:				3,922.00	3,922.00			
Vendor WACOTR - WAYNE COUNTY TREASURER:									
TAXES									
100618	WAYNE COUNTY TREASURER		04/16/2021	04/22/2021	5,753.80	5,753.80	Open	N	
	Q1 DLQ PERS PROP TAX		KTYLER					04/22/2021	
	701-000-499-000	Q1 DLQ PERS PROP TAX			5,753.80				
TAXES									
100619	WAYNE COUNTY TREASURER		04/16/2021	04/22/2021	7,813.00	7,813.00	Open	N	
	Q1 MOBILE HOME FEES		KTYLER					04/22/2021	
	701-000-499-000	Q1 MOBILE HOME FEES			7,813.00				
	Total for vendor WACOTR - WAYNE COUNTY TREASURER:				13,566.80	13,566.80			

# of Invoices:	40	# Due: 40	Totals:	180,565.81	180,565.81
# of Credit Memos:	1	# Due: 1	Totals:	(10.00)	(10.00)
Net of Invoices and Credit Memos:				180,555.81	180,555.81

* 1 Net Invoices have Credits Totalling: (79.95)

--- TOTALS BY GL DISTRIBUTION ---

101-101-719-000	MAY VISION INSUR	82.99
101-101-955-000	ZOOM COVID-19 VIRTUAL BLDG DEPT	174.87
101-101-956-000	FEB LATE FEE	40.00
101-171-719-000	MAY VISION INSUR	3,891.58
101-191-719-000	MAY VISION INSUR	274.11
101-215-719-000	MAY VISION INSUR	2,925.58
101-215-861-000	BEAUDRY 5.8-9 IIMC CONF REG	1,050.00
101-228-719-000	MAY VISION INSUR	2,140.57
101-247-719-000	MAY VISION INSUR	4,628.40
101-247-861-000	MTA BOR TRNG REG REFUND	(10.00)
101-248-727-000	MONTGOMERY /TOWLES PHONE CHARGERS	17.50
101-253-719-000	MAY VISION INSUR	1,862.37
101-265-719-000	MAY VISION INSUR	10,017.19
101-265-740-000	AMAZON RETURN FOR CREDIT	761.89

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	101-265-850-000	4.7-5.6 326-2982			382.23				
	101-265-920-000	MARCH 46425 TYLER			5,353.14				
	101-301-719-000	MAY VISION INSUR			50,907.88				
	101-301-741-000	AMAZON STOCK FLASHLIGHTS-POLICE			420.00				
	101-301-860-000	WEATHER TECH-(3) FLOOR LINERS DET BUR			559.36				
	101-301-861-000	BAZZY 4.16 FBI NAA LUNCH REG			275.00				
	101-301-933-000	11.22-2.21 COPIER MAINT SQUAD RM			965.83				
	101-301-956-000	RECEIPT# 106164 REIMBURSEMENT			209.04				
	101-325-719-000	MAY VISION INSUR			6,114.94				
	101-329-719-000	MAY VISION INSUR			4,544.67				
	101-329-810-000	QUEENER 2021 MAACO MEMBERSHIP			11.00				
	101-329-861-000	QUEENER 5.2-4 MAACO CONF REG			322.61				
	101-336-719-000	MAY VISION INSUR			11,836.76				
	101-336-740-000	AMAZON WIFI/SUPPLIES-FIRE DEPT			491.94				
	101-336-850-000	3.7-4.6 FD CELL PHONE SVCS			47.68				
	101-336-920-000	3.6-4.6 7981 BVL			2,044.25				
	101-370-719-000	MAY VISION INSUR			6,852.34				
	101-370-740-000	1.1-3.31 COPIER MAINT DEV SVCS/W&S			276.25				
	101-370-956-000	RENAUD MARCH ADOBE PHOTO SCRIPT			29.99				
	101-691-719-000	MAY VISION INSUR			707.45				
	101-691-933-000	12.30-3.29 COPIER MAINT PARK/REC			106.08				
	101-692-719-000	MAY VISION INSUR			2,146.15				
	101-692-742-000	JP'S PIANO MOVING-HAUL AWAY-BROKEN			375.00				
	101-692-956-000	MISSING RECEIPT			79.68				
	101-715-719-000	MAY VISION INSUR			313.03				
	101-715-740-000	CABLE ZOOM APRIL WEBINARS			58.29				
	101-715-956-000	CABLE MARCH EXTRA MEDIA STORAGE			2.99				
	101-718-740-000	HOBBY LOBBY-ROCKS FOR PAINTING KITS			133.88				
	101-718-861-000	ZAENGLEIN 4.7 ARC ADULT/PED CPR/AED-B			96.00				
	101-900-719-000	MAY LIFE INSURANCE			14,666.27				
	247-000-719-000	MAY VISION INSUR			3,601.91				
	247-000-740-000	1.1-3.31 COPIER MAINT DDA			85.61				
	247-000-920-000	3.4-4.1 45285 ECORSE			14.95				
	250-000-719-000	MAY VISION INSUR			1,071.72				
	250-000-740-000	FOLD3 ANNL ARCHIVAL MEMBERSHIP			79.95				
	250-000-743-000	BRADFORD EXCHANGE PAYPAL			74.18				
	250-000-850-000	MAY MUSEUM PHONE SVCS			46.80				
	250-000-920-000	WS 02.11-04.10 405 MAIN			32.84				
	592-536-719-000	MAY VISION INSUR			7,759.18				
	592-536-719-001	MAY HLTH INSUR (MEDICARE ADVANTAGE)			9,568.48				
	592-536-816-000	ESRI (2) GEN ARC GIS ONLINE LICENSES			70.68				
	592-536-920-000	3.6-4.6 9260 HAGGERTY			692.90				
	592-536-931-000	1.1-3.31 COPIER MAINT DEV SVCS/W&S			276.25				
	701-000-499-000	Q1 MOBILE HOME FEES			18,993.58				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution	Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
--- TOTALS BY FUND ---								
	101 - General Fund			138,186.78	138,186.78			
	247 - DDA Fund			3,702.47	3,702.47			
	250 - Museum Fund			1,305.49	1,305.49			
	592 - Water/Sewer Fund			18,367.49	18,367.49			
	701 - Delinquent Tax Fund			18,993.58	18,993.58			
--- TOTALS BY DEPT/ACTIVITY ---								
	000 -			24,001.54	24,001.54			
	101 - Township Board			297.86	297.86			
	171 - Supervisor Department			3,891.58	3,891.58			
	191 - Election Department			274.11	274.11			
	215 - Clerk Department			3,975.58	3,975.58			
	228 - IT Department			2,140.57	2,140.57			
	247 - Assessing Department			4,618.40	4,618.40			
	248 - General Office			17.50	17.50			
	253 - Treasurer Department			1,862.37	1,862.37			
	265 - Building & Grounds			16,514.45	16,514.45			
	301 - Police Department			53,337.11	53,337.11			
	325 - Dispatch			6,114.94	6,114.94			
	329 - Ordinance Enforcement			4,878.28	4,878.28			
	336 - Fire Department			14,420.63	14,420.63			
	370 - Building/Planning Dept.			7,158.58	7,158.58			
	536 - Water Department			18,367.49	18,367.49			
	691 - Recreation Dept			813.53	813.53			
	692 - Seniors Dept			2,600.83	2,600.83			
	715 - Communications Dept			374.31	374.31			
	718 - Park & Lake Dept			229.88	229.88			
	900 - Insurance			14,666.27	14,666.27			

INVOICE REGISTER REPORT FOR VAN BUREN TOWNSHIP
EXP CHECK RUN DATES 04/29/2021 - 04/29/2021
UNJOURNALIZED
OPEN
04.29.21 PREPAID

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
Vendor ATT - AT&T:									
734697410504									
100760	AT&T		04/16/2021	04/29/2021	165.29	165.29	Open	N	
	3.16-4.15 697-4105		KTYLER					04/29/2021	
	250-000-850-000	3.16-4.15 697-4105			165.29				
734697465304									
100761	AT&T		04/16/2021	04/29/2021	939.70	939.70	Open	N	
	4.16-5.15 697-4653		KTYLER					04/29/2021	
	101-265-850-000	4.16-5.15 697-4653			939.70				
734697783504									
100762	AT&T		04/16/2021	04/29/2021	167.87	167.87	Open	N	
	4.16-5.15 697-7835		KTYLER					04/29/2021	
	250-000-850-000	4.16-5.15 697-7835			167.87				
734699521304									
100763	AT&T		04/16/2021	04/29/2021	156.62	156.62	Open	N	
	4.16-5.15 699-5213		KTYLER					04/29/2021	
	101-265-850-000	4.16-5.15 699-5213			156.62				
734699607504									
100764	AT&T		04/16/2021	04/29/2021	1,842.10	1,842.10	Open	N	
	4.16-5.15 699-6075		KTYLER					04/29/2021	
	101-265-850-000	4.16-5.15 699-6075			1,842.10				
734699632304									
100765	AT&T		04/16/2021	04/29/2021	469.85	469.85	Open	N	
	4.16-5.15 699-6323		KTYLER					04/29/2021	
	101-265-850-000	4.16-5.15 699-6323			469.85				
		Total for vendor ATT - AT&T:			3,741.43	3,741.43			
Vendor ATT2 - AT&T:									
3736901609									
100754	AT&T		04/05/2021	04/29/2021	2,330.35	2,330.35	Open	N	
	APR 171.799.7112		KTYLER					04/29/2021	
	101-265-850-000	APR 171.799.7112			2,330.35				
5063291604									
100755	AT&T		04/11/2021	04/29/2021	1,324.80	1,324.80	Open	N	
	4.11-5.10 831-000-9170		KTYLER					04/29/2021	
	101-228-817-000	4.11-5.10 831-000-9170			1,324.80				
		Total for vendor ATT2 - AT&T:			3,655.15	3,655.15			
Vendor ATT5 - AT&T:									

Inv Num / Inv Ref#	Vendor / Description / GL Distribution	Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
0534674256001								
100749	AT&T	04/09/2021	04/29/2021	45.17	45.17	Open	N	
	APR 326-2982 LONG DISTANCE SURCH	KTYLER					04/29/2021	
	101-265-850-000	APR 326-2982 LONG DISTANCE SURCHARGES		45.17				
		Total for vendor ATT5 - AT&T:		45.17	45.17			
Vendor COMCAST - COMCAST:								
80558								
100756	COMCAST	04/17/2021	04/29/2021	15.84	15.84	Open	N	
	4.26-5.25 CABLE BOX FEE	KTYLER					04/29/2021	
	101-336-920-000	4.26-5.25 CABLE BOX FEE		15.84				
65387								
100757	COMCAST	04/19/2021	04/29/2021	154.85	154.85	Open	N	
	5.2-6.1 VIDEO ARRAIGNMENT	KTYLER					04/29/2021	
	101-301-850-000	5.2-6.1 VIDEO ARRAIGNMENT		154.85				
		Total for vendor COMCAST - COMCAST:		170.69	170.69			
Vendor DTE - DTE ENERGY:								
910013927223								
100766	DTE ENERGY	04/16/2021	04/29/2021	534.22	534.22	Open	N	
	3.17-4.15 10151 BVL	KTYLER					04/29/2021	
	247-000-920-000	3.17-4.15 10151 BVL		457.99				
	247-000-920-000	3.17-4.15 10151 BVL		56.23				
	247-000-920-000	3.17-4.15 10151 BVL		20.00				
920017738351								
100767	DTE ENERGY	04/19/2021	04/29/2021	36.27	36.27	Open	N	
	3.18-4.16 15992 BROOKSIDE	KTYLER					04/29/2021	
	592-536-920-000	3.18-4.16 15992 BROOKSIDE		36.27				
920017738369								
100768	DTE ENERGY	04/21/2021	04/29/2021	100.33	100.33	Open	N	
	3.20-4.19 15992 BROOKSIDE	KTYLER					04/29/2021	
	592-536-920-000	3.20-4.19 15992 BROOKSIDE		100.33				
910022836811								
100769	DTE ENERGY	04/14/2021	04/29/2021	42.68	42.68	Open	N	
	3.13-4.12 48791 DENTON	KTYLER					04/29/2021	
	592-536-920-000	3.13-4.12 48791 DENTON		42.68				
910016815052								
100770	DTE ENERGY	04/14/2021	04/29/2021	167.40	167.40	Open	N	
	3.13-4.12 48791 DENTON	KTYLER					04/29/2021	

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	592-536-920-000	3.13-4.12 48791 DENTON			167.40				
910013925979									
100771	DTE ENERGY		04/15/2021	04/29/2021	413.21	413.21	Open	N	
	3.16-4.14 7563 HAGGERTY		KTYLER					04/29/2021	
	592-536-920-000	3.16-4.14 7563 HAGGERTY			37.56				
	592-536-920-000	3.16-4.14 7563 HAGGERTY			375.65				
910013926951									
100772	DTE ENERGY		04/19/2021	04/29/2021	38.23	38.23	Open	N	
	3.18-4.16 17395 HAGGERTY		KTYLER					04/29/2021	
	592-536-920-000	3.18-4.16 17395 HAGGERTY			38.23				
920018573104									
100773	DTE ENERGY		04/16/2021	04/29/2021	785.43	785.43	Open	N	
	3.17-4.15 46425 TYLER		KTYLER					04/29/2021	
	101-265-920-000	3.17-4.15 46425 TYLER			785.43				
910016829772									
100774	DTE ENERGY		04/16/2021	04/29/2021	255.57	255.57	Open	N	
	3.17-4.15 46425 TYLER		KTYLER					04/29/2021	
	592-536-920-000	3.17-4.15 46425 TYLER			255.57				
		Total for vendor DTE - DTE ENERGY:			2,373.34	2,373.34			
Vendor DEEDST - DTE ENERGY COMPANY:									
910040640427									
100753	DTE ENERGY COMPANY		03/31/2021	04/29/2021	21,392.10	21,392.10	Open	N	
	MARCH STREETLIGHTING		KTYLER					04/29/2021	
	101-450-926-000	MARCH STREETLIGHTING			18,536.50				
	247-000-920-000	MARCH STREETLIGHTING			2,855.60				
		Total for vendor DEEDST - DTE ENERGY COMPANY:			21,392.10	21,392.10			
Vendor HOMDEP - HOME DEPOT CREDIT SERVICES:									
6035322003346768									
100752	HOME DEPOT CREDIT SERVICES		04/11/2021	04/29/2021	109.88	109.88	Open	N	
	MARCH STMT		KTYLER					04/29/2021	
	101-336-861-000	SAW BLADES FOR 4.10 EXTRICATION CLASS			109.88				
		Total for vendor HOMDEP - HOME DEPOT CREDIT SERVICES:			109.88	109.88			
Vendor TELNET - TELNET WORLDWIDE:									
219386									
100758	TELNET WORLDWIDE		04/15/2021	04/29/2021	1,215.10	1,215.10	Open	N	
	4.15-5.14 PHONE CIRCUITS & LD CA		KTYLER					04/29/2021	

Inv Num Inv Ref#	Vendor Description GL Distribution		Inv Date Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized Post Date	PO Number
	101-265-850-000	4.15-5.14 PHONE CIRCUITS & LD CALLS			1,215.10				
	Total for vendor TELNET - TELNET WORLDWIDE:				1,215.10	1,215.10			
Vendor VERWIR - VERIZON WIRELESS:									
9877705067 100750	VERIZON WIRELESS 3.16-4.15 TABLETS		04/15/2021 KTYLER	04/29/2021	246.73	246.73	Open	N 04/29/2021	
	101-101-956-000	3.16-4.15 TABLETS			206.01				
	101-228-956-000	3.16-4.15 TABLETS			10.18				
	592-536-740-000	3.16-4.15 TABLETS			30.54				
9877736808 100751	VERIZON WIRELESS 3.16-4.15 TABLETS		04/15/2021 KTYLER	04/29/2021	197.98	197.98	Open	N 04/29/2021	
	101-101-956-000	3.16-4.15 TABLETS			70.07				
	592-536-740-000	3.16-4.15 TABLETS			127.91				
9877295030 100759	VERIZON WIRELESS 3.11-4.10 CELL PHONES		04/10/2021 KTYLER	04/29/2021	1,144.00	1,144.00	Open	N 04/29/2021	
	101-336-850-000	3.11-4.10 CELL PHONES			59.31				
	101-301-850-000	3.11-4.10 CELL PHONES			1,084.69				
	Total for vendor VERWIR - VERIZON WIRELESS:				1,588.71	1,588.71			

INVOICE REGISTER REPORT FOR VAN BUREN TOWNSHIP
EXP CHECK RUN DATES 04/29/2021 - 04/29/2021
UNJOURNALIZED
OPEN
04.29.21 PREPAID

Inv Num / Inv Ref#	Vendor / Description / GL Distribution	Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
# of Invoices: 26	# Due: 26	Totals:		34,291.57	34,291.57			
# of Credit Memos: 0	# Due: 0	Totals:		0.00	0.00			
Net of Invoices and Credit Memos:				34,291.57	34,291.57			

--- TOTALS BY GL DISTRIBUTION ---

101-101-956-000	3.16-4.15 TABLETS	276.08
101-228-817-000	4.11-5.10 831-000-9170	1,324.80
101-228-956-000	3.16-4.15 TABLETS	10.18
101-265-850-000	APR 326-2982 LONG DISTANCE SURCHARGES	6,998.89
101-265-920-000	3.17-4.15 46425 TYLER	785.43
101-301-850-000	5.2-6.1 VIDEO ARRAIGNMENT	1,239.54
101-336-850-000	3.11-4.10 CELL PHONES	59.31
101-336-861-000	SAW BLADES FOR 4.10 EXTRICATION CLASS	109.88
101-336-920-000	4.26-5.25 CABLE BOX FEE	15.84
101-450-926-000	MARCH STREETLIGHTING	18,536.50
247-000-920-000	MARCH STREETLIGHTING	3,389.82
250-000-850-000	3.16-4.15 697-4105	333.16
592-536-740-000	3.16-4.15 TABLETS	158.45
592-536-920-000	3.18-4.16 15992 BROOKSIDE	1,053.69

--- TOTALS BY FUND ---

101 - General Fund	29,356.45	29,356.45
247 - DDA Fund	3,389.82	3,389.82
250 - Museum Fund	333.16	333.16
592 - Water/Sewer Fund	1,212.14	1,212.14

--- TOTALS BY DEPT/ACTIVITY ---

000 -	3,722.98	3,722.98
101 - Township Board	276.08	276.08
228 - IT Department	1,334.98	1,334.98
265 - Building & Grounds	7,784.32	7,784.32
301 - Police Department	1,239.54	1,239.54
336 - Fire Department	185.03	185.03
450 - Public Services	18,536.50	18,536.50
536 - Water Department	1,212.14	1,212.14

INVOICE REGISTER REPORT FOR VAN BUREN TOWNSHIP
EXP CHECK RUN DATES 05/04/2021 - 05/04/2021
UNJOURNALIZED
OPEN
05.04.21 VOUCHER

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
Vendor 4IMPRINT - 4IMPRINT INC:									
8872828									
100681	4IMPRINT INC		04/14/2021	05/04/2021	826.20	826.20	Open	N	21-0101
	HAND SANITIZERS / GIVEAWAY		KTYLER					05/04/2021	
	101-718-819-000	HAND SANITIZER WITH LEASH - GIVEAWAY			745.00				
	101-718-819-000	SET-UP CHARGE			45.00				
	101-718-819-000	SHIPPING			36.20				
	Total for vendor 4IMPRINT - 4IMPRINT INC:				826.20	826.20			
Vendor ABBDOO - ABBEY DOOR:									
8992									
100742	ABBEY DOOR		04/12/2021	05/04/2021	150.00	150.00	Open	N	
	GARAGE DOOR REPAIRS STATION 3		KTYLER					05/04/2021	
	101-265-931-000	GARAGE DOOR REPAIRS STATION 3			150.00				
	Total for vendor ABBDOO - ABBEY DOOR:				150.00	150.00			
Vendor ALLBRO - ALLIE BROTHERS:									
82057									
100650	ALLIE BROTHERS		01/14/2021	05/04/2021	155.97	155.97	Open	N	
	R.BARRY UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	R.BARRY UNIFORMS			155.97				
82094									
100651	ALLIE BROTHERS		01/18/2021	05/04/2021	313.94	313.94	Open	N	
	PEREZ UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	PEREZ UNIFORMS			313.94				
82095									
100652	ALLIE BROTHERS		01/18/2021	05/04/2021	213.96	213.96	Open	N	
	RINI UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	RINI UNIFORMS			213.96				
82096									
100653	ALLIE BROTHERS		01/18/2021	05/04/2021	323.94	323.94	Open	N	
	HILLEN UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	HILLEN UNIFORMS			323.94				
82128									
100654	ALLIE BROTHERS		01/20/2021	05/04/2021	169.97	169.97	Open	N	
	SCHULZ UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	SCHULZ UNIFORMS			169.97				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
82279									
100655	ALLIE BROTHERS		02/03/2021	05/04/2021	323.94	323.94	Open	N	
	HAYES UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	HAYES UNIFORMS			323.94				
82462									
100656	ALLIE BROTHERS		02/19/2021	05/04/2021	223.96	223.96	Open	N	
	LAURAIN UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	LAURAIN UNIFORMS			223.96				
82531									
100657	ALLIE BROTHERS		02/26/2021	05/04/2021	101.97	101.97	Open	N	
	SCHMIDTKE UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	SCHMIDTKE UNIFORMS			101.97				
82545									
100658	ALLIE BROTHERS		03/02/2021	05/04/2021	554.34	554.34	Open	N	
	J.HALL UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	J.HALL UNIFORMS			554.34				
82550									
100659	ALLIE BROTHERS		03/02/2021	05/04/2021	203.96	203.96	Open	N	
	C.VALINSKI UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	C.VALINSKI UNIFORMS			203.96				
82567									
100660	ALLIE BROTHERS		03/04/2021	05/04/2021	505.85	505.85	Open	N	
	RUBENS UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	RUBENS UNIFORMS			505.85				
	Total for vendor ALLBRO - ALLIE BROTHERS:				3,091.80	3,091.80			
Vendor ALTOVISTA - ALTOVISTA TECHNOLOGY:									
21302									
100724	ALTOVISTA TECHNOLOGY		03/24/2021	05/04/2021	3,600.00	3,600.00	Open	N	
	ARX COMM TRANSPARENCY DASHBOARD		KTYLER					05/04/2021	
	101-301-819-000	ARX COMM TRANSPARENCY DASHBOARD			3,600.00				
	Total for vendor ALTOVISTA - ALTOVISTA TECHNOLOGY:				3,600.00	3,600.00			
Vendor AMAZON - AMAZON CAPITAL SERVICES:									
1966-3JMC-K4KC									
100729	AMAZON CAPITAL SERVICES		04/14/2021	05/04/2021	19.98	19.98	Open	N	
	CABLES FOR MONITORS DDA		KTYLER					05/04/2021	
	247-000-740-000	CABLES FOR MONITORS DDA			19.98				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
1FML-JCW4-6L31									
100730	AMAZON CAPITAL SERVICES		04/19/2021	05/04/2021	9.75	9.75	Open	N	
	GALAXY CHARGER CABLE-SPARE		KTYLER					05/04/2021	
	101-228-956-000	GALAXY CHARGER CABLE-SPARE			9.75				
1QQK-6TQG-DNHH									
100731	AMAZON CAPITAL SERVICES		04/26/2021	05/04/2021	43.98	43.98	Open	N	
	(2) CHARGERS FOR CELL PHONES		KTYLER					05/04/2021	
	101-228-956-000	(2) CHARGERS FOR CELL PHONES			43.98				
	Total for vendor AMAZON - AMAZON CAPITAL SERVICES:				73.71	73.71			
Vendor ARINSE - ARBOR INSPECTION SERVICES:									
2626									
100645	ARBOR INSPECTION SERVICES		04/08/2021	05/04/2021	500.00	500.00	Open	N	
	COMPRESSOR REPAIRS FS1		KTYLER					05/04/2021	
	101-265-933-000	COMPRESSOR REPAIRS FS1			500.00				
	Total for vendor ARINSE - ARBOR INSPECTION SERVICES:				500.00	500.00			
Vendor ATCFOR - ATCHINSON FORD SALES INC:									
268818									
100646	ATCHINSON FORD SALES INC		03/29/2021	05/04/2021	282.96	282.96	Open	N	
	171 LR PARK AID SENSOR/V-BELT		KTYLER					05/04/2021	
	101-301-860-000	171 LR PARK AID SENSOR/V-BELT			282.96				
269052									
100647	ATCHINSON FORD SALES INC		03/29/2021	05/04/2021	43.34	43.34	Open	N	
	206 OIL CHANGE		KTYLER					05/04/2021	
	101-301-860-000	206 OIL CHANGE			43.34				
269243									
100648	ATCHINSON FORD SALES INC		03/30/2021	05/04/2021	205.54	205.54	Open	N	
	418 OIL CHANGE/AIR FILTER/ALIGNM		KTYLER					05/04/2021	
	101-336-860-000	418 OIL CHANGE/AIR FILTER/ALIGNMENT			205.54				
269266									
100649	ATCHINSON FORD SALES INC		03/30/2021	05/04/2021	50.94	50.94	Open	N	
	430 OIL CHANGE		KTYLER					05/04/2021	
	101-336-860-000	430 OIL CHANGE			50.94				
	Total for vendor ATCFOR - ATCHINSON FORD SALES INC:				582.78	582.78			
Vendor BEARIN - BELLEVILLE AREA INDEPENDENT:									

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
52281									
100663	BELLEVILLE AREA INDEPENDENT		04/14/2021	05/04/2021	121.25	121.25	Open	N	
	4.6 BRD MTG VIA ZOOM		KTYLER					05/04/2021	
	101-248-900-000	4.6 BRD MTG VIA ZOOM			121.25				
	Total for vendor BEARIN - BELLEVILLE AREA INDEPENDENT:				121.25	121.25			
Vendor BLUBOO - BLUE BOOK:									
BOOKS X 4									
100666	BLUE BOOK		04/15/2021	05/04/2021	46.95	46.95	Open	N	
	2021 MICHIGAN BLUE BOOKS		KTYLER					05/04/2021	
	101-301-956-000	2021 MICHIGAN BLUE BOOKS			46.95				
	Total for vendor BLUBOO - BLUE BOOK:				46.95	46.95			
Vendor BOTRME - BOUND TREE MEDICAL :									
84016988									
100664	BOUND TREE MEDICAL		04/08/2021	05/04/2021	147.45	147.45	Open	N	
	MEDICAL SUPPLIES		KTYLER					05/04/2021	
	101-336-740-000	MEDICAL SUPPLIES			147.45				
84018414									
100665	BOUND TREE MEDICAL		04/09/2021	05/04/2021	17.82	17.82	Open	N	
	MEDICAL SUPPLIES		KTYLER					05/04/2021	
	101-336-740-000	MEDICAL SUPPLIES			17.82				
	Total for vendor BOTRME - BOUND TREE MEDICAL :				165.27	165.27			
Vendor BSASOF - BS&A SOFTWARE:									
135202									
100744	BS&A SOFTWARE		04/01/2021	05/04/2021	6,631.00	6,631.00	Open	N	
	5.1-5.1.22 ANNL SVCS/SUPP FEES		KTYLER					05/04/2021	
	101-228-939-000	5.1-5.1.22 ANNL SVCS/SUPP FEES			6,631.00				
	Total for vendor BSASOF - BS&A SOFTWARE:				6,631.00	6,631.00			
Vendor BURCOL - BURHOP'S COLLISION:									
2002834									
100661	BURHOP'S COLLISION		09/23/2020	05/04/2021	5,478.11	5,478.11	Open	N	
	714 BODY REPAIRS		KTYLER					05/04/2021	
	101-265-860-000	714 BODY REPAIRS			5,478.11				
	Total for vendor BURCOL - BURHOP'S COLLISION:				5,478.11	5,478.11			
Vendor BUTLON - BUTZEL LONG:									

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
9428070									
100662	BUTZEL LONG		04/13/2021	05/04/2021	8,773.46	8,773.46	Open	N	
	MARCH LEGAL SVCS		KTYLER					05/04/2021	
	251-000-802-000	MARCH LEGAL SVCS			8,773.46				
		Total for vendor BUTLON - BUTZEL LONG:			8,773.46	8,773.46			
Vendor CBTS - CBTS:									
174705									
100739	CBTS		04/23/2021	05/04/2021	32.06	32.06	Open	N	
	SABIN IP OFFICE MANAGER/VMPRO CL		KTYLER					05/04/2021	
	101-228-956-000	SABIN IP OFFICE MANAGER/VMPRO CLIENT			32.06				
		Total for vendor CBTS - CBTS:			32.06	32.06			
Vendor CDWGOV - CDW GOVERNMENT:									
B453108									
100668	CDW GOVERNMENT		04/07/2021	05/04/2021	1,120.87	1,120.87	Open	N	21-0104
	SURFACEPRO FOR ORD OFFICER SCHUL		KTYLER					05/04/2021	
	101-329-741-000	MICROSOFT SURFACEPRO			904.03				
	101-329-741-000	MICROSOFT SURFACEPRO KEYBOARD			68.83				
	101-329-741-000	MICROSOFT SURFACE PEN			82.78				
	101-329-741-000	UAG RUGGED CASE FOR SURFACE PRO			65.23				
B509640									
100669	CDW GOVERNMENT		04/08/2021	05/04/2021	1,467.86	1,467.86	Open	N	21-0093
	LOTHRINGER SURFACE PRO		KTYLER					05/04/2021	
	247-000-740-000	LOTHRINGER SURFACE PRO			1,467.86				
B184386									
100670	CDW GOVERNMENT		03/31/2021	05/04/2021	1,021.30	1,021.30	Open	N	21-0093
	LOTHRINGER SURFACE PRO		KTYLER					05/04/2021	
	247-000-740-000	LOTHRINGER SURFACE PRO			1,021.30				
B816828									
100725	CDW GOVERNMENT		04/15/2021	05/04/2021	394.21	394.21	Open	N	21-0109
	RANKIN TONER X4		KTYLER					05/04/2021	
	101-228-956-000	RANKIN TONER X4			394.21				
C001948									
100726	CDW GOVERNMENT		04/20/2021	05/04/2021	364.83	364.83	Open	N	21-0117
	VISIO PRO SOFTWARE FOR NETWORK D		KTYLER					05/04/2021	
	101-228-956-000	VISIO PRO 2019			364.83				
		Total for vendor CDWGOV - CDW GOVERNMENT:			4,369.07	4,369.07			

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
Vendor CHABUS - CHAPP & BUSHEY OIL CO:									
402221									
100671	CHAPP & BUSHEY OIL CO		04/02/2021	05/04/2021	160.05	160.05	Open	N	
	BLUE DEF FIRE		KTYLER					05/04/2021	
	101-336-860-001	BLUE DEF FIRE			160.05				
	Total for vendor CHABUS - CHAPP & BUSHEY OIL CO:				160.05	160.05			
Vendor FIECHA - CHARITY FIELDER:									
ASSISTANT									
100741	CHARITY FIELDER		04/23/2021	05/04/2021	520.00	520.00	Open	N	
	APR ARCHIVAL ASSISTANT		KTYLER					05/04/2021	
	250-000-821-000	APR ARCHIVAL ASSISTANT			520.00				
	Total for vendor FIECHA - CHARITY FIELDER:				520.00	520.00			
Vendor VALCHR - CHRIS VALINSKI:									
TRAVEL									
100672	CHRIS VALINSKI		04/15/2021	05/04/2021	21.73	21.73	Open	N	
	3.26 FTO TRNG MEAL		KTYLER					05/04/2021	
	101-301-861-000	3.26 FTO TRNG MEAL			21.73				
	Total for vendor VALCHR - CHRIS VALINSKI:				21.73	21.73			
Vendor ROMCIT - CITY OF ROMULUS:									
8098									
100667	CITY OF ROMULUS		04/06/2021	05/04/2021	650.00	650.00	Open	N	
	APR ANIMAL CONTROL SVCS		KTYLER					05/04/2021	
	101-329-819-000	APR ANIMAL CONTROL SVCS			650.00				
	Total for vendor ROMCIT - CITY OF ROMULUS:				650.00	650.00			
Vendor EMPCO - EMPCO INC:									
4923									
100673	EMPCO INC		04/02/2021	05/04/2021	108.00	108.00	Open	N	
	(3) FIREFIGHTER KNOWLEDGE EXAMS		KTYLER					05/04/2021	
	101-301-956-000	(3) FIREFIGHTER KNOWLEDGE EXAMS			108.00				
	Total for vendor EMPCO - EMPCO INC:				108.00	108.00			
Vendor GMGMK - GASIOREK, MORGAN, GRECO & MCCAULEY,:									
20253									
100677	GASIOREK, MORGAN, GRECO & MCCAULEY		04/05/2021	05/04/2021	4,303.60	4,303.60	Open	N	
	MARCH LEGAL SVCS		KTYLER					05/04/2021	

Inv Num / Inv Ref#	Vendor / Description / GL Distribution		Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	101-210-801-000	MARCH LEGAL SVCS			3,055.56				
	592-536-801-002	MARCH LEGAL SVCS			1,248.04				
20254									
100678	GASIOREK, MORGAN, GRECO & MCCAULEY		04/05/2021	05/04/2021	109.60	109.60	Open	N	
	MARCH LEGAL SVCS		KTYLER					05/04/2021	
	101-210-801-000	MARCH LEGAL SVCS			77.82				
	592-536-801-002	MARCH LEGAL SVCS			31.78				
20254-2									
100679	GASIOREK, MORGAN, GRECO & MCCAULEY		04/05/2021	05/04/2021	11,423.40	11,423.40	Open	N	
	MARCH LEGAL SVCS		KTYLER					05/04/2021	
	101-210-801-000	MARCH LEGAL SVCS			8,110.61				
	592-536-801-002	MARCH LEGAL SVCS			3,312.79				
20256									
100680	GASIOREK, MORGAN, GRECO & MCCAULEY		04/05/2021	05/04/2021	1,252.80	1,252.80	Open	N	
	MARCH LEGAL SVCS		KTYLER					05/04/2021	
	101-210-801-000	MARCH LEGAL SVCS			889.49				
	592-536-801-002	MARCH LEGAL SVCS			363.31				
	Total for vendor GMGMK - GASIOREK, MORGAN, GRECO & MCCAULEY,:				17,089.40	17,089.40			
Vendor HARGER - GERALD HARDER, JR.:									
INSPECTOR									
100674	GERALD HARDER, JR.		04/20/2021	05/04/2021	2,475.00	2,475.00	Open	N	
	APR BLDG INSP		KTYLER					05/04/2021	
	101-370-819-000	APR BLDG INSP			2,475.00				
	Total for vendor HARGER - GERALD HARDER, JR.:				2,475.00	2,475.00			
Vendor GLWA - GREAT LAKES WATER AUTHORITY:									
300-1511-S									
100675	GREAT LAKES WATER AUTHORITY		04/15/2021	05/04/2021	2,044.27	2,044.27	Open	N	
	MARCH IWC		KTYLER					05/04/2021	
	592-537-924-000	MARCH IWC			2,044.27				
	Total for vendor GLWA - GREAT LAKES WATER AUTHORITY:				2,044.27	2,044.27			
Vendor GUAULU - GULF AUTO LUBE:									
94318									
100676	GULF AUTO LUBE		04/10/2021	05/04/2021	55.98	55.98	Open	N	
	182 OIL CHANGE		KTYLER					05/04/2021	
	101-301-860-000	182 OIL CHANGE			55.98				
	Total for vendor GUAULU - GULF AUTO LUBE:				55.98	55.98			

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Vendor INLISE - INTEGRITY LIFT SERVICES :									
140033349									
100683	INTEGRITY LIFT SERVICES		04/13/2021	05/04/2021	165.00	165.00	Open	N	
	SCISSOR LIFT MAINTENANCE		KTYLER					05/04/2021	
	101-265-933-000	SCISSOR LIFT MAINTENANCE			165.00				
	Total for vendor INLISE - INTEGRITY LIFT SERVICES :				165.00	165.00			
Vendor IIMC - INT'L INST OF MUNICIPAL CLERKS:									
29731									
100728	INT'L INST OF MUNICIPAL CLERKS		04/13/2021	05/04/2021	115.00	115.00	Open	N	
	MONTGOMERY 2021 MEMBERSHIP		KTYLER					05/04/2021	
	101-215-810-000	MONTGOMERY 2021 MEMBERSHIP			115.00				
	Total for vendor IIMC - INT'L INST OF MUNICIPAL CLERKS:				115.00	115.00			
Vendor DOMJEF - JEFFREY DOMMER:									
INSPECTOR									
100682	JEFFREY DOMMER		04/20/2021	05/04/2021	2,295.00	2,295.00	Open	N	
	APR ELEC INSP		KTYLER					05/04/2021	
	101-370-819-000	APR ELEC INSP			2,295.00				
	Total for vendor DOMJEF - JEFFREY DOMMER:				2,295.00	2,295.00			
Vendor SHOJOR - JORDAN SHORT:									
TRAVEL									
100715	JORDAN SHORT		04/15/2021	05/04/2021	467.53	467.53	Open	N	
	4.4-9 EXPLOSIVE B/H CLASS MEALS		KTYLER					05/04/2021	
	101-301-861-000	4.4-9 EXPLOSIVE B/H CLASS MEALS			77.13				
	101-301-860-000	4.4-9 EXPLOSIVE B/H CLASS MILEAGE/TO			290.40				
	101-301-860-001	4.4-9 EXPLOSIVE B/H CLASS FUEL			100.00				
	Total for vendor SHOJOR - JORDAN SHORT:				467.53	467.53			
Vendor KSMM - KSPRINGER MEDIA MANAGEMENT:									
04/18/2021									
100684	KSPRINGER MEDIA MANAGEMENT		04/18/2021	05/04/2021	600.00	600.00	Open	N	
	APR CONSULT/SOCIAL MEDIA		KTYLER					05/04/2021	
	101-715-819-000	APR CONSULT/SOCIAL MEDIA			400.00				
	247-000-819-000	APR CONSULT/SOCIAL MEDIA			200.00				
	Total for vendor KSMM - KSPRINGER MEDIA MANAGEMENT:				600.00	600.00			
Vendor MAJGRA - MAJIK GRAPHICS:									

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21131									
100745	MAJIK GRAPHICS		04/14/2021	05/04/2021	130.00	130.00	Open	N	
	717 MAGNETS (2)		KTYLER					05/04/2021	
	101-247-727-000	717 MAGNETS (2)			130.00				
	Total for vendor MAJGRA - MAJIK GRAPHICS:				130.00	130.00			
Vendor MIURSE - MICHIGAN URBAN SEARCH & RESCUE :									
2021009									
100686	MICHIGAN URBAN SEARCH & RESCUE		04/14/2021	05/04/2021	725.00	725.00	Open	N	
	GREFF 4.5-9 ROPE RESCUE OP TRNG		KTYLER					05/04/2021	
	101-336-861-000	GREFF 4.5-9 ROPE RESCUE OP TRNG			725.00				
	Total for vendor MIURSE - MICHIGAN URBAN SEARCH & RESCUE :				725.00	725.00			
Vendor MIPOSY - MIDWEST POWER SYSTEMS:									
1849									
100685	MIDWEST POWER SYSTEMS		04/09/2021	05/04/2021	4,800.00	4,800.00	Open	N	
	INSTALL VALVE @ EQ BASIN		KTYLER					05/04/2021	
	592-537-970-002	INSTALL VALVE @ EQ BASIN			4,800.00				
	Total for vendor MIPOSY - MIDWEST POWER SYSTEMS:				4,800.00	4,800.00			
Vendor NACOSE - NATURAL COMMUNITY SERVICES:									
2871									
100688	NATURAL COMMUNITY SERVICES		03/27/2021	05/04/2021	8,600.00	8,600.00	Open	N	21-0097
	CEMETERY RESTORATION PLANTING		KTYLER					05/04/2021	
	101-276-970-000	CEMETERY RESTORATION PLANTING (4 CEM)			8,600.00				
	Total for vendor NACOSE - NATURAL COMMUNITY SERVICES:				8,600.00	8,600.00			
Vendor ONEDESK - ONEDESK INC:									
DE9CE7A5-0001									
100689	ONEDESK INC		04/08/2021	05/04/2021	1,488.99	1,488.99	Open	N	21-0017
	CORDLESS BACKPACK ELECTROSTATIC		KTYLER					05/04/2021	
	101-101-955-000	VICTORY INNOVATIONS BACKPACK SPRAYER			1,349.00				
	101-101-955-000	COVID-19 DISSOLVABLE DISINFECTANT TAB			139.99				
	Total for vendor ONEDESK - ONEDESK INC:				1,488.99	1,488.99			
Vendor PARSER - PARKWAY SERVICES:									
A-135315									
100697	PARKWAY SERVICES		04/13/2021	05/04/2021	490.00	490.00	Open	N	
	EMERGENCY DELIVERY OF 2 HAND SAN		KTYLER					05/04/2021	

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	101-718-819-000	EMERGENCY DELIVERY OF 2 HAND SANITIZE			490.00				
	Total for vendor PARSER - PARKWAY SERVICES:				490.00	490.00			
Vendor PIOLAN - PIONEER LANDSCAPING:									
2194									
100740	PIONEER LANDSCAPING		04/11/2021	05/04/2021	1,450.00	1,450.00	Open	N	
	STREETSCAPE MAINT (TYLER-BVL LK		KTYLER					05/04/2021	
	247-000-979-001	STREETSCAPE MAINT (TYLER-BVL LK BRIDG			1,450.00				
	Total for vendor PIOLAN - PIONEER LANDSCAPING:				1,450.00	1,450.00			
Vendor PLAMOR - PLANTE & MORAN, LLC:									
1980497									
100694	PLANTE & MORAN, LLC		04/05/2021	05/04/2021	31,500.00	31,500.00	Open	N	
	2020 YEAR END AUDIT		KTYLER					05/04/2021	
	101-202-801-000	2020 YEAR END AUDIT			24,185.00				
	592-536-801-001	2020 YEAR END AUDIT			7,315.00				
1980498									
100695	PLANTE & MORAN, LLC		04/05/2021	05/04/2021	4,450.00	4,450.00	Open	N	
	2020 YEAR END AUDIT LDFA		KTYLER					05/04/2021	
	251-000-801-000	2020 YEAR END AUDIT LDFA			4,450.00				
1980499									
100696	PLANTE & MORAN, LLC		04/05/2021	05/04/2021	4,450.00	4,450.00	Open	N	
	2020 YEAR END AUDIT DDA		KTYLER					05/04/2021	
	247-000-801-000	2020 YEAR END AUDIT DDA			4,450.00				
	Total for vendor PLAMOR - PLANTE & MORAN, LLC:				40,400.00	40,400.00			
Vendor PREMIER - PREMIER BUILDING MAINTENANCE:									
679									
100699	PREMIER BUILDING MAINTENANCE		03/29/2021	05/04/2021	400.00	400.00	Open	N	
	3.27-28 WEEKEND JANITORIAL SVCS		KTYLER					04/27/2021	
	101-265-931-000	3.27-28 WEEKEND JANITORIAL SVCS			400.00				
715									
100700	PREMIER BUILDING MAINTENANCE		04/19/2021	05/04/2021	400.00	400.00	Open	N	
	4.17-18 WEEKEND JANITORIAL SVCS		KTYLER					05/04/2021	
	101-265-931-000	4.17-18 WEEKEND JANITORIAL SVCS			400.00				
720									
100701	PREMIER BUILDING MAINTENANCE		04/26/2021	05/04/2021	400.00	400.00	Open	N	
	4.24-25 WEEKEND JANITORIAL SVCS		KTYLER					05/04/2021	
	101-265-931-000	4.24-25 WEEKEND JANITORIAL SVCS			400.00				

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	Total for vendor PREMIER - PREMIER BUILDING MAINTENANCE:				1,200.00	1,200.00			
Vendor PRONEM - PRIORITY ONE EMERGENCY:									
70072531									
100703	PRIORITY ONE EMERGENCY		03/02/2021	05/04/2021	223.96	223.96	Open	N	
	BAKER UNIFORMS		KTYLER					05/04/2021	
	101-325-741-000	BAKER UNIFORMS			223.96				
70073579									
100704	PRIORITY ONE EMERGENCY		04/08/2021	05/04/2021	21.99	21.99	Open	N	
	HILLEN UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	HILLEN UNIFORMS			21.99				
70073766									
100705	PRIORITY ONE EMERGENCY		04/14/2021	05/04/2021	30.99	30.99	Open	N	
	SCHULZ UNIFORMS		KTYLER					05/04/2021	
	101-301-741-000	SCHULZ UNIFORMS			30.99				
	Total for vendor PRONEM - PRIORITY ONE EMERGENCY:				276.94	276.94			
Vendor QUILL - QUILL CORPORATION:									
15634761									
100690	QUILL CORPORATION		03/29/2021	05/04/2021	200.52	200.52	Open	N	21-0091
	OFFICE / COVID SUPPLIES		KTYLER					05/04/2021	
	101-301-727-000	FILE JACKETS			72.64				
	101-301-727-000	2 IN FILE JACKETS			72.64				
	101-301-727-000	1 DZ RETRACTABLE SHARPIE PENS			13.13				
	101-301-727-000	RETRACTABLE SHARPIE MARKER			23.95				
	101-101-955-000	DISPOSABLE MASKS			18.16				
16100195									
100691	QUILL CORPORATION		04/16/2021	05/04/2021	359.25	359.25	Open	N	21-0114
	GENERAL OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-248-727-000	24 ROLLS SCOTCH TAPE			127.47				
	101-248-727-000	25 SETS DIVIDERS			84.99				
	101-248-727-000	8 TAB PRINTABLE DIVIDERS			51.73				
	101-248-727-000	2 INCH 3 RING BINDER			95.06				
16095943									
100692	QUILL CORPORATION		04/16/2021	05/04/2021	49.68	49.68	Open	N	21-0114
	GENERAL OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-248-727-000	ADHESIVE TABS			49.68				
16130171									
100693	QUILL CORPORATION		04/19/2021	05/04/2021	107.07	107.07	Open	N	21-0116
	LINEN PAPER		KTYLER					05/04/2021	

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	101-248-727-000	(3) REAMS OF LINEN PAPER			107.07				
15925869									
100732	QUILL CORPORATION		04/09/2021	05/04/2021	711.52	711.52	Open	N	21-0107
	INK FOR POLICE DEPT		KTYLER					05/04/2021	
	101-301-727-000	HP 962 INK			338.68				
	101-301-727-000	HP 952 INK			185.60				
	101-301-727-000	HP 951 INK			187.24				
15748795									
100733	QUILL CORPORATION		04/01/2021	05/04/2021	95.58	95.58	Open	N	21-0100
	OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-718-740-000	GRIP CORK STRIPS			95.58				
15700738									
100734	QUILL CORPORATION		04/01/2021	05/04/2021	54.16	54.16	Open	N	21-0100
	OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-718-740-000	WALL CALENDER			54.16				
16118834									
100735	QUILL CORPORATION		04/16/2021	05/04/2021	44.52	44.52	Open	N	21-0100
	OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-718-740-000	INSTA RING LIGHT			44.52				
15754171									
100736	QUILL CORPORATION		04/01/2021	05/04/2021	23.10	23.10	Open	N	21-0100
	OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-718-740-000	PLANNER			23.10				
15749954									
100737	QUILL CORPORATION		04/01/2021	05/04/2021	3.58	3.58	Open	N	21-0100
	OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-718-740-000	SMALL RUBBER FINGER			3.58				
15750329									
100738	QUILL CORPORATION		04/01/2021	05/04/2021	3.58	3.58	Open	N	21-0100
	OFFICE SUPPLIES		KTYLER					05/04/2021	
	101-718-740-000	SMALL RUBBER FINGER			3.58				
	Total for vendor QUILL - QUILL CORPORATION:				1,652.56	1,652.56			

Vendor RRFITR - R&R FIRE TRUCK REPAIR :

59865									
100702	R&R FIRE TRUCK REPAIR		04/14/2021	05/04/2021	294.11	294.11	Open	N	
	E-3 SRS LIGHT REPAIRS		KTYLER					05/04/2021	
	101-336-860-000	E-3 SRS LIGHT REPAIRS			294.11				
	Total for vendor RRFITR - R&R FIRE TRUCK REPAIR :				294.11	294.11			

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Vendor ROSA - ROSA SURVIVAL TRAINING:									
169									
100716	ROSA SURVIVAL TRAINING		04/13/2021	05/04/2021	555.00	555.00	Open	N	
	5.6 SURVIVAL TRNG CLASS X3		KTYLER					05/04/2021	
	101-301-861-000	GRIGGS 5.6 SURVIVAL TRNG CLASS			185.00				
	101-301-860-000	R.MCCORMICK 5.6 SURVIVAL TRNG CLASS			185.00				
	101-301-860-000	RASCHKE 5.6 SURVIVAL TRNG CLASS			185.00				
	Total for vendor ROSA - ROSA SURVIVAL TRAINING:				555.00	555.00			
Vendor RSJA - ROSATI, SCHULTZ,JOPPICH & AMTSBUECH:									
75360									
100698	ROSATI, SCHULTZ,JOPPICH & AMTSBUEC		04/07/2021	05/04/2021	418.00	418.00	Open	N	
	MARCH LEGAL SVCS		KTYLER					05/04/2021	
	101-210-801-000	MARCH LEGAL SVCS			296.78				
	592-536-801-002	MARCH LEGAL SVCS			121.22				
	Total for vendor RSJA - ROSATI, SCHULTZ,JOPPICH & AMTSBUECH:				418.00	418.00			
Vendor SMALLEY - SMALLEY CONSTRUCTION INC:									
013052-526									
100707	SMALLEY CONSTRUCTION INC		04/14/2021	05/04/2021	2,600.00	2,600.00	Open	N	
	HYDRANT DEPOSIT REFUND		KTYLER					05/04/2021	
	592-000-284-000	HYDRANT DEPOSIT REFUND			2,600.00				
	Total for vendor SMALLEY - SMALLEY CONSTRUCTION INC:				2,600.00	2,600.00			
Vendor MIDEAG - STATE OF MICHIGAN:									
WLW21-676									
100687	STATE OF MICHIGAN		04/13/2021	05/04/2021	145.00	145.00	Open	N	
	2021 WHEEL LOAD WEIGHER CALIBRAT		KTYLER					05/04/2021	
	101-301-933-000	2021 WHEEL LOAD WEIGHER CALIBRATION			145.00				
	Total for vendor MIDEAG - STATE OF MICHIGAN:				145.00	145.00			
Vendor SUAUTR - SUPERIOR AUTO & TRUCK SERVICE:									
68768									
100706	SUPERIOR AUTO & TRUCK SERVICE		03/26/2021	05/04/2021	1,142.91	1,142.91	Open	N	
	517 RADIATOR/PASS DOOR -BAR PIEC		KTYLER					05/04/2021	
	592-536-932-000	517 RADIATOR/PASS DOOR -BAR PIECE			1,142.91				
	Total for vendor SUAUTR - SUPERIOR AUTO & TRUCK SERVICE:				1,142.91	1,142.91			
Vendor TENSILE - TENSILE STRUCTURE SYSTEMS INC:									

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21-158									
100708	TENSILE STRUCTURE SYSTEMS INC		04/09/2021	05/04/2021	34,500.00	34,500.00	Open	N	21-0045
	25% DEP TENSILE-FRENCH LANDING P		KTYLER					05/04/2021	
	101-718-973-000	25% DEP TENSILE-FRENCH LANDING PK			34,500.00				
	Total for vendor TENSILE - TENSILE STRUCTURE SYSTEMS INC:				34,500.00	34,500.00			
Vendor LUBSTO - THE LUBE STOP:									
148593									
100743	THE LUBE STOP		04/13/2021	05/04/2021	35.14	35.14	Open	N	
	640 OIL CHANGE		KTYLER					05/04/2021	
	101-265-860-000	640 OIL CHANGE			35.14				
148277									
100747	THE LUBE STOP		04/06/2021	05/04/2021	39.45	39.45	Open	N	
	S-71 OIL CHANGE		KTYLER					05/04/2021	
	101-265-860-000	S-71 OIL CHANGE			39.45				
148433									
100748	THE LUBE STOP		04/09/2021	05/04/2021	33.95	33.95	Open	N	
	S-76 OIL CHANGE		KTYLER					05/04/2021	
	101-265-860-000	S-76 OIL CHANGE			33.95				
	Total for vendor LUBSTO - THE LUBE STOP:				108.54	108.54			
Vendor VANASS - VANASSCHE CONSTRUCTION INC:									
5382									
100710	VANASSCHE CONSTRUCTION INC		03/26/2021	05/04/2021	150.00	150.00	Open	N	
	DEBRIS CLEANUP @ 42068 CAMDEN		KTYLER					05/04/2021	
	101-329-819-000	DEBRIS CLEANUP @ 42068 CAMDEN			150.00				
5383									
100711	VANASSCHE CONSTRUCTION INC		03/26/2021	05/04/2021	75.00	75.00	Open	N	
	DEBRIS CLEANUP @ 51257 W HURON R		KTYLER					05/04/2021	
	101-329-819-000	DEBRIS CLEANUP @ 51257 W HURON RIVER			75.00				
5384									
100712	VANASSCHE CONSTRUCTION INC		04/09/2021	05/04/2021	375.00	375.00	Open	N	
	DEBRIS CLEANUP @ 47322 HULL		KTYLER					05/04/2021	
	101-329-819-000	DEBRIS CLEANUP @ 47322 HULL			375.00				
	Total for vendor VANASS - VANASSCHE CONSTRUCTION INC:				600.00	600.00			
Vendor VIGSEC - VIGILANTE SECURITY:									

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663253									
100709	VIGILANTE SECURITY		04/19/2021	05/04/2021	604.80	604.80	Open	N	
	5.1-7.31 ALARM MONITORING DDA		KTYLER					05/04/2021	
	247-000-819-000	5.1-7.31 ALARM MONITORING DDA			604.80				
663118									
100746	VIGILANTE SECURITY		04/19/2021	05/04/2021	495.00	495.00	Open	N	
	5.1-7.31 ALARM MONITORING		KTYLER					05/04/2021	
	101-265-931-000	5.1-7.31 ALARM MONITORING			495.00				
	Total for vendor VIGSEC - VIGILANTE SECURITY:				1,099.80	1,099.80			
Vendor WADTRI - WADE TRIM :									
2020755									
100718	WADE TRIM		04/15/2021	05/04/2021	3,410.00	3,410.00	Open	N	
	3.26 BECK RD BYPASS VALVE/AUTOMA		KTYLER					05/04/2021	
	592-536-820-000	3.26 BECK RD BYPASS VALVE/AUTOMATION			3,410.00				
	Total for vendor WADTRI - WADE TRIM :				3,410.00	3,410.00			
Vendor WATWOR - WATER WORKS AUTO WASH:									
APRIL 20, 2021									
100717	WATER WORKS AUTO WASH		04/20/2021	05/04/2021	1,765.00	1,765.00	Open	N	
	Q1 (JAN-FEB-MAR) CAR WASHES		KTYLER					05/04/2021	
	101-301-860-004	Q1 (JAN-FEB-MAR) CAR WASHES			1,425.00				
	101-336-860-004	Q1 (JAN-FEB-MAR) CAR WASHES			50.00				
	101-370-860-000	Q1 (JAN-FEB-MAR) CAR WASHES			40.00				
	101-329-860-000	Q1 (JAN-FEB-MAR) CAR WASHES			10.00				
	101-692-860-000	Q1 (JAN-FEB-MAR) CAR WASHES			35.00				
	592-536-932-000	Q1 (JAN-FEB-MAR) CAR WASHES			135.00				
	101-247-860-000	Q1 (JAN-FEB-MAR) CAR WASHES			5.00				
	101-265-860-000	Q1 (JAN-FEB-MAR) CAR WASHES			45.00				
	101-171-860-000	Q1 (JAN-FEB-MAR) CAR WASHES			20.00				
	Total for vendor WATWOR - WATER WORKS AUTO WASH:				1,765.00	1,765.00			
Vendor WATROS - WATKINS ROSS :									
85289									
100713	WATKINS ROSS		04/19/2021	05/04/2021	5,925.00	5,925.00	Open	N	
	12.1-3.31 RETIREE MEDICAL PLAN G		KTYLER					05/04/2021	
	101-202-801-000	12.1-3.31 RETIREE MEDICAL PLAN GASB C			3,555.00				
	592-536-801-001	12.1-3.31 RETIREE MEDICAL PLAN GASB C			2,370.00				
	Total for vendor WATROS - WATKINS ROSS :				5,925.00	5,925.00			

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Vendor WCAR - WAYNE COUNTY ACCTS RECEIV:									
1010566									
100714	WAYNE COUNTY ACCTS RECEIV		04/13/2021	05/04/2021	32.34	32.34	Open	N	
	3/21 WALMART TRAF SIG MAINT		KTYLER					05/04/2021	
	101-450-926-000	3/21 WALMART TRAF SIG MAINT			32.34				
306400									
100722	WAYNE COUNTY ACCTS RECEIV		04/06/2021	05/04/2021	245.00	245.00	Open	N	
	10/20 PRIS HOUSING		KTYLER					05/04/2021	
	101-301-819-000	10/20 PRIS HOUSING			245.00				
	Total for vendor WCAR - WAYNE COUNTY ACCTS RECEIV:				277.34	277.34			
Vendor WIPOEQ - WINDER POLICE EQUIPMENT:									
210608									
100719	WINDER POLICE EQUIPMENT		03/30/2021	05/04/2021	5,218.07	5,218.07	Open	N	21-0040
	TRAFFIC CAR EQUIPMENT - 2021 DOD		KTYLER					05/04/2021	
	101-301-860-000	DODGE CHARGER REAR LAMP TRAY			764.24				
	101-301-860-000	UPPER FRONT LED WHELEN			777.00				
	101-301-860-000	100 WATT SPEAKER			199.00				
	101-301-860-000	DODGE CHARGER MTG BRKT			30.75				
	101-301-860-000	DODGE CHARGER LIGHT FLASHER			279.30				
	101-301-860-000	PARITION TRANSFER KIT			231.75				
	101-301-860-000	DODGE CHARGER REPLACEMENT SEAT			651.75				
	101-301-860-000	DODGE CHARGER WINDOW GUARD			186.75				
	101-301-860-000	DODGE CHARGER PLASTIC DOOR PANEL			201.75				
	101-301-860-000	DODGE CHARGER TRUNK TRAY			432.58				
	101-301-860-000	DOCKING STATION			595.00				
	101-301-860-000	LAPTOP SCREEN SUPPORT			67.00				
	101-301-860-000	PLATFORM HAVIS			46.00				
	101-301-860-000	DODGE CHARGER CONSOLE			575.20				
	101-301-860-000	DODGE CHARGER BASE MOUNTS			112.00				
	101-301-860-000	GAMBER BRACE			68.00				
210684									
100720	WINDER POLICE EQUIPMENT		04/12/2021	05/04/2021	296.25	296.25	Open	N	21-0040
	TRAFFIC CAR EQUIPMENT - 2021 DOD		KTYLER					05/04/2021	
	101-301-860-000	MIRROR BEAM			296.25				
210683									
100721	WINDER POLICE EQUIPMENT		04/12/2021	05/04/2021	903.00	903.00	Open	N	21-0041
	EQUIPMENT FOR 3 NEW PATROL CARS		KTYLER					05/04/2021	
	101-301-860-000	ION MIRROR BEAMS			903.00				
	Total for vendor WIPOEQ - WINDER POLICE EQUIPMENT:				6,417.32	6,417.32			

Inv Num / Inv Ref#	Vendor / Description / GL Distribution	Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
Vendor XAVSOL - XAVUS SOLUTIONS :								
17204								
100723	XAVUS SOLUTIONS	04/12/2021	05/04/2021	2,460.00	2,460.00	Open	N	
	2021 MY SENIOR CENTER MEMBERSHIP	KTYLER					05/04/2021	
	101-692-819-000 2021 MY SENIOR CENTER MEMBERSHIP			2,460.00				
	Total for vendor XAVSOL - XAVUS SOLUTIONS :			2,460.00	2,460.00			

# of Invoices:	103	# Due: 103	Totals:	184,140.13	184,140.13
# of Credit Memos:	0	# Due: 0	Totals:	0.00	0.00
Net of Invoices and Credit Memos:				184,140.13	184,140.13

--- TOTALS BY GL DISTRIBUTION ---

101-101-955-000	VICTORY INNOVATIONS BACKPACK SPRAYER	1,507.15
101-171-860-000	Q1 (JAN-FEB-MAR) CAR WASHES	20.00
101-202-801-000	2020 YEAR END AUDIT	27,740.00
101-210-801-000	MARCH LEGAL SVCS	12,430.26
101-215-810-000	MONTGOMERY 2021 MEMBERSHIP	115.00
101-228-939-000	5.1-5.1.22 ANNL SVCS/SUPP FEES	6,631.00
101-228-956-000	RANKIN TONER X4	844.83
101-247-727-000	717 MAGNETS (2)	130.00
101-247-860-000	Q1 (JAN-FEB-MAR) CAR WASHES	5.00
101-248-727-000	24 ROLLS SCOTCH TAPE	516.00
101-248-900-000	4.6 BRD MTG VIA ZOOM	121.25
101-265-860-000	714 BODY REPAIRS	5,631.65
101-265-931-000	3.27-28 WEEKEND JANITORIAL SVCS	1,845.00
101-265-933-000	COMPRESSOR REPAIRS FS1	665.00
101-276-970-000	CEMETERY RESTORATION PLANTING (4 CEM)	8,600.00
101-301-727-000	FILE JACKETS	893.88
101-301-741-000	R.BARRY UNIFORMS	3,144.78
101-301-819-000	10/20 PRIS HOUSING	3,845.00
101-301-860-000	171 LR PARK AID SENSOR/V-BELT	7,460.00
101-301-860-001	4.4-9 EXPLOSIVE B/H CLASS FUEL	100.00
101-301-860-004	Q1 (JAN-FEB-MAR) CAR WASHES	1,425.00
101-301-861-000	3.26 FTO TRNG MEAL	283.86
101-301-933-000	2021 WHEEL LOAD WEIGHER CALIBRATION	145.00
101-301-956-000	2021 MICHIGAN BLUE BOOKS	154.95
101-325-741-000	BAKER UNIFORMS	223.96
101-329-741-000	MICROSOFT SURFACEPRO	1,120.87
101-329-819-000	APR ANIMAL CONTROL SVCS	1,250.00
101-329-860-000	Q1 (JAN-FEB-MAR) CAR WASHES	10.00
101-336-740-000	MEDICAL SUPPLIES	165.27
101-336-860-000	418 OIL CHANGE/AIR FILTER/ALIGNMENT	550.59

Inv Num / Inv Ref#	Vendor / Description / GL Distribution	Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
	101-336-860-001	BLUE DEF FIRE		160.05				
	101-336-860-004	Q1 (JAN-FEB-MAR) CAR WASHES		50.00				
	101-336-861-000	GREFF 4.5-9 ROPE RESCUE OP TRNG		725.00				
	101-370-819-000	APR BLDG INSP		4,770.00				
	101-370-860-000	Q1 (JAN-FEB-MAR) CAR WASHES		40.00				
	101-450-926-000	3/21 WALMART TRAF SIG MAINT		32.34				
	101-692-819-000	2021 MY SENIOR CENTER MEMBERSHIP		2,460.00				
	101-692-860-000	Q1 (JAN-FEB-MAR) CAR WASHES		35.00				
	101-715-819-000	APR CONSULT/SOCIAL MEDIA		400.00				
	101-718-740-000	GRIP CORK STRIPS		224.52				
	101-718-819-000	HAND SANITIZER WITH LEASH - GIVEAWAY		1,316.20				
	101-718-973-000	25% DEP TENSILE-FRENCH LANDING PK		34,500.00				
	247-000-740-000	LOTHRINGER SURFACE PRO		2,509.14				
	247-000-801-000	2020 YEAR END AUDIT DDA		4,450.00				
	247-000-819-000	APR CONSULT/SOCIAL MEDIA		804.80				
	247-000-979-001	STREETSCAPE MAINT (TYLER-BVL LK BRIDG		1,450.00				
	250-000-821-000	APR ARCHIVAL ASSISTANT		520.00				
	251-000-801-000	2020 YEAR END AUDIT LDFA		4,450.00				
	251-000-802-000	MARCH LEGAL SVCS		8,773.46				
	592-000-284-000	HYDRANT DEPOSIT REFUND		2,600.00				
	592-536-801-001	2020 YEAR END AUDIT		9,685.00				
	592-536-801-002	MARCH LEGAL SVCS		5,077.14				
	592-536-820-000	3.26 BECK RD BYPASS VALVE/AUTOMATION		3,410.00				
	592-536-932-000	517 RADIATOR/PASS DOOR -BAR PIECE		1,277.91				
	592-537-924-000	MARCH IWC		2,044.27				
	592-537-970-002	INSTALL VALVE @ EQ BASIN		4,800.00				

Inv Num / Inv Ref#	Vendor / Description / GL Distribution	Inv Date / Entered By	Due Date	Inv Amt	Amt Due	Status	Jrnlized / Post Date	PO Number
--- TOTALS BY FUND ---								
	101 - General Fund			132,288.41	132,288.41			
	247 - DDA Fund			9,213.94	9,213.94			
	250 - Museum Fund			520.00	520.00			
	251 - LDFA Fund			13,223.46	13,223.46			
	592 - Water/Sewer Fund			28,894.32	28,894.32			
--- TOTALS BY DEPT/ACTIVITY ---								
	000 -			25,557.40	25,557.40			
	101 - Township Board			1,507.15	1,507.15			
	171 - Supervisor Department			20.00	20.00			
	202 - Independent Accounting/audi			27,740.00	27,740.00			
	210 - Attorney Fees			12,430.26	12,430.26			
	215 - Clerk Department			115.00	115.00			
	228 - IT Department			7,475.83	7,475.83			
	247 - Assessing Department			135.00	135.00			
	248 - General Office			637.25	637.25			
	265 - Building & Grounds			8,141.65	8,141.65			
	276 - Cemetery			8,600.00	8,600.00			
	301 - Police Department			17,452.47	17,452.47			
	325 - Dispatch			223.96	223.96			
	329 - Ordinance Enforcement			2,380.87	2,380.87			
	336 - Fire Department			1,650.91	1,650.91			
	370 - Building/Planning Dept.			4,810.00	4,810.00			
	450 - Public Services			32.34	32.34			
	536 - Water Department			19,450.05	19,450.05			
	537 - Sewer Department			6,844.27	6,844.27			
	692 - Seniors Dept			2,495.00	2,495.00			
	715 - Communications Dept			400.00	400.00			
	718 - Park & Lake Dept			36,040.72	36,040.72			

Charter Township of Van Buren

Agenda Item: _____

REQUEST FOR BOARD ACTION

BOARD MEETING DATE: 5/4/21
1ST READING: 5/4/21
2ND READING: 5/18/21

Consent Agenda____ **New Business__X__** Unfinished Business_____ Public Hearing_____

ITEM (SUBJECT)	To consider the approval of the first and second reading of Ordinance #05-04-21(1) to update Section 5.143 of the Van Buren Township Zoning Ordinance to clarify required minimum usable floor area per dwelling unit in independent senior housing developments and to allow additional signage in senior housing developments.
DEPARTMENT	Planning & Economic Development
PRESENTER	Dan Power – Director of Planning and Economic Development
PHONE NUMBER	734-699-8913
INDIVIDUALS IN ATTENDANCE (OTHER THAN PRESENTER)	Vidya Krishnan – Principal Planner Matthew Best – Director of Public Services

Agenda topic

ACTION REQUESTED
To consider the approval of the first and second reading of Ordinance #05-04-21(1) to update Section 5.143 of the Van Buren Township Zoning Ordinance to clarify required minimum usable floor area per dwelling unit in independent senior housing developments and to allow additional signage in senior housing developments.
BACKGROUND – (SUPPORTING AND REFERENCE DATA, INCLUDE ATTACHMENTS)
Please see attached information.

BUDGET IMPLICATION	None
IMPLEMENTATION NEXT STEP	After 1st and 2nd reading a notice of adoption will be published in the newspaper of record.

DEPARTMENT RECOMMENDATION	Approval
COMMITTEE/COMMISSION RECOMMENDATION	Approval

ATTORNEY RECOMMENDATION	N/A
(May be subject to Attorney/Client Privilege and not available under FOIA)	
ADDITIONAL REMARKS	
APPROVAL OF SUPERVISOR _____	

MEMO

TO:	Van Buren Township Board of Trustees
FROM:	Dan Power– Director of Planning and Economic Development
RE:	Senior Housing Zoning Ordinance Amendments
DATE:	April 27, 2021

Honorable Trustees:

The Board of Trustees is requested to consider adopting Senior Housing regulations regarding minimum per-unit Usable Floor Area (UFA) and sign requirements under Section 5.143 of the Van Buren Township Zoning Ordinance.

Prior to Van Buren Township's adoption of senior housing standards in 2019, a number of comparison communities' standards were reviewed, including Lyon Township, the City of Rochester, and others. The Township sought to ensure a high standard for their independent senior housing units by adopting the following requirement for independent senior housing units ("UFA-per-unit requirement"):

Section 5.143 Senior Housing
(D) Required Minimum Usable Floor Area in Square Feet Per Dwelling Unit.
(1.) Independent Living Units: Efficiency/studio and one-bedroom dwelling units: 650 square feet; Two-bedroom dwelling units: 850 square feet.

In February 2021, a request was made to the Van Buren Township Board of Zoning Appeals (BZA) by Clover Communities of Van Buren, LLC, the prospective developer of a 128-unit independent senior housing development at 8470 Belleville Road, to review this regulation. Specifically, the applicant requested an interpretation by the BZA as to whether UFA within communal living areas in senior housing developments can count toward the minimum UFA-per-unit requirement. In other words, the applicant requested an interpretation that allows UFA in communal rooms and dwelling units be divided among the dwelling units in a project in order to meet the minimum UFA-per-unit required standard. The BZA accepted this interpretation.

Following the BZA's decision, the Planning Commission discussed and considered an ordinance text amendment to clarify this position within the Zoning Ordinance. As part of this process, the Planning Commission considered the tendency for communal spaces to be used frequently by residents of senior housing projects. Additional research also indicates that the Township employs a relatively high minimum UFA-per-unit standard for its independent senior housing projects when comparing related standards from nearby communities. The Planning Commission agreed to formalizing an amendment to the Zoning Ordinance that would allow up to 10% of the required minimum UFA in independent senior housing projects to come from communal living areas.

Following an initial discussion on these items, the Township Principal Planner revised the proposed text amendments to include the following changes:

1. Deletion of an explanatory table.
2. Addition of an explanation for which areas can and cannot be included in common space areas.
3. Additional reference to the definition for UFA.

Additionally, as part of a broader refinement of senior housing ordinance regulations, staff recommends considering amendments to allow senior housing developments to utilize signage that is permitted by the underlying zoning district, except that wall signage must comply with residential standards. This removes an unreasonable limit on signage currently in place which limits signs for senior housing developments to the relatively restrictive residential zoning standards for signage.

The Planning Commission held a public hearing on, and recommended approval of, the zoning ordinance text amendments as written at their regular meeting held on Wednesday, April 14th. The new proposed amendments and minutes from the previous discussion are included for your reference with this packet. Thank you for your initial discussion and consideration of these zoning ordinance text amendments.

Sincerely,

Dan Power, AICP
Planning and Economic Development Director
Public Services Department
Charter Township of Van Buren

CC: Vidya Krishnan – Van Buren Charter Township Principal Planner / Planning Consultant – McKenna Associates
Matthew Best, M.S. - Public Services Director, Van Buren Charter Township

CHARTER TOWNSHIP OF VAN BUREN
COUNTY OF WAYNE, STATE OF
MICHIGAN ORDINANCE NO. xx-xx-21

AN ORDINANCE TO AMEND THE ZONING ORDINANCE 5-2-17(2) AS AMENDED OF THE CHARTER TOWNSHIP OF VAN BUREN TO MODIFY THE REQUIREMENTS FOR SENIOR HOUSING TO ADD CLARIFICATION ON UNIT SIZE AND SIGNAGE.

THE CHARTER TOWNSHIP OF VAN BUREN ORDAINS:

SECTION 1- ORDINANCE AMENDMENT
Pursuant to this Ordinance, the following sections of the Charter Township of Van Buren Zoning Ordinance shall be amended in accordance with the below text upon the effective date of this Amendment:

Section 5.143. Senior Housing

(C) Required Site Minimum Usable Floor Area in Square Feet Per Dwelling Unit.

(1.) Independent Living Units: Efficiency/studio and one-bedroom dwelling units: 650 square feet; Two-bedroom dwelling units: 850 square feet. Common-space/community space/spaces with amenities within the building can be included in the required per-unit usable floor area calculation, not to exceed a maximum of 10% of the unit size. Community space/ common areas shall include recreation rooms, library, spa, dining areas, game rooms and similar areas of congregation within the building. Balconies, decks, patios, unenclosed open spaces, elevators, utility rooms, storage rooms for units, corridor space and similar areas shall not be included in such determination.

Refer to Section 2.102 (233) for definition of usable floor area.

(2.) State of Michigan licensing requirements regulate Assisted Living Unit size.

(3.) No living unit within a senior housing development may contain more than two (2) bedrooms.

(G) **Signs.** The sign standards in Article 11 shall apply to all senior housing developments. Specific sign standards for senior housing developments shall be the same as the sign size and placement requirements as the underlying zoning district, except that if wall signs are used, they are restricted to limits of Section 11.108(A).

SECTION 2 - SEVERABILITY

Should any provision or part of this Ordinance be declared by any court of competent jurisdiction to be invalid or unenforceable, the same shall not affect the validity or enforceability of the balance of this Ordinance, which shall remain in full force and effect.

SECTION 3 - REPEALER

All other provisions of the Zoning Ordinance, or Ordinances or parts of Ordinances, in conflict with this Ordinance are hereby repealed only to the extent necessary to give this Ordinance full force and effect.

SECTION 4- SAVINGS CLAUSE

Nothing in this Ordinance shall be construed to affect any suit or proceeding pending in any court or any rights acquired or any liability incurred, or any cause or causes of action acquired or existing, under the Zoning Ordinance, or any act or Ordinance hereby repealed as cited in Section 3 of this Ordinance; nor shall any just or legal right or remedy of any character be lost, impaired, or affected by this Ordinance.

SECTION 5 - EFFECTIVE DATE

The provisions of this Ordinance are hereby ordered to take effect seven (7) days after publication of the notice of adoption in a newspaper of general circulation within the Township. This Ordinance shall be immediately recorded by the Township Clerk in the Township Ordinance Book as soon as it is adopted, which record shall be authenticated by the signatures of the Supervisor and Clerk and shall be published in a newspaper of general circulation in the Township within fifteen (15) days of passage. A copy of this Ordinance may be purchased or inspected at the Clerk's Office, 46425 Tyler Road, Van Buren Township, Ml 48111 during normal business hours.

SECTION 6 - ADOPTION

This Ordinance is hereby declared to have been adopted by the Township Board of the Charter Township of Van Buren at a meeting duly called and held on the xx day of ----------, 2021 and ordered to be given publication in the manner prescribed by law.

I hereby approve the foregoing Ordinance,

Leon Wright, Clerk

Kevin McNamara, Supervisor

Adopted:

Published:

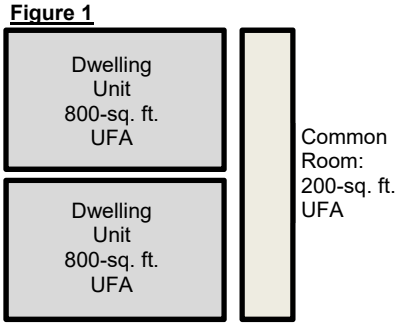
Effective:

MEMO

TO:	Van Buren Township Planning Commission
FROM:	Dan Power– Director of Planning and Economic Development
RE:	Senior Housing Ordinance Amendments
DATE:	March 5, 2021

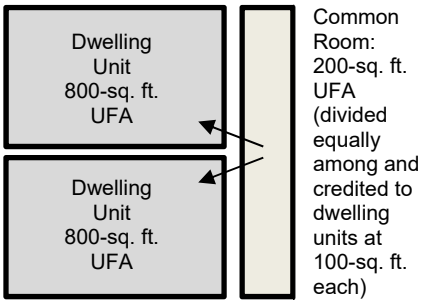
At their regular meeting on February 9, 2021, the Van Buren Township Board of Zoning Appeals (BZA) upheld an interpretation regarding the application of Usable Floor Area (UFA) requirements described within Senior Housing regulations under Section 5.143(D)(1) of the Van Buren Township Zoning Ordinance. This interpretation request was made by applicant Clover Communities Van Buren LLC, representing an independent senior housing development proposed to be located at 8470 Belleville Road (Parcel ID # 83 036 99 0002 702). The BZA accepted the applicant's interpretation that allows the total UFA in a given senior housing development that is available to tenants, as opposed to only the UFA inside of each dwelling unit, to be credited toward the *minimum UFA per dwelling unit* standard (see Figure 2).

Figure 1



Building UFA Per Dwelling Unit: 800-sq. ft.

Figure 2



Building UFA Per Dwelling Unit: 900-sq. ft.

This decision was based on evaluating the availability of areas for the exclusive use of tenants in the applicant's proposed development and the tendency for inhabitants of senior housing developments to be more likely than those of other types of housing developments to utilize common areas. Materials considered in the BZA's decision are included in this packet for the Planning Commission's review. As part of their decision, the BZA recommended for the Planning Commission to consider an ordinance text amendment to clarify the rules governing UFA in independent senior housing developments. The Township's Principal Planner / Planning Consultant has provided a set of draft ordinance text amendments which allow the interpretation set forth by the BZA's decision to proceed with reasonable limits on UFA that can be credited from common rooms. These recommendations are included for the Planning Commission's consideration.

Additionally, as part of a broader refresh of senior housing ordinance regulations, staff recommends considering amendments to allow senior housing developments to utilize signage that is permitted by the underlying zoning district, except that wall signage must comply with residential standards. This removes an unreasonable limit on signage currently in place which limits signs for senior housing developments to the relatively restrictive residential zoning standards for signage.

COPY

Thank you for your initial discussion and consideration of these zoning ordinance text amendments.

Sincerely,

Dan Power, AICP
Planning and Economic Development Director
Public Services Department
Charter Township of Van Buren

CC: Vidya Krishnan – Van Buren Charter Township Principal Planner / Planning Consultant – McKenna Associates
Matthew Best, M.S. - Public Services Director, Van Buren Charter Township

COPY

MEMO

TO:	Van Buren Township Planning Commission
FROM:	Dan Power– Director of Planning and Economic Development
RE:	Senior Housing Ordinance Amendments
DATE:	April 9, 2021

The Planning Commission is requested to hold a public hearing on, and consider recommendations regarding, Senior Housing regulations regarding minimum per-unit Usable Floor Area (UFA) and sign requirements under Section 5.143(D)(1) and of the Van Buren Township Zoning Ordinance. Following an interpretation by the Van Buren Township Board of Zoning Appeals (BZA) to consider communal living areas in independent senior housing developments as part of the calculation for minimum per-unit usable floor area (UFA) requirements, the Planning Commission is now considering an ordinance text amendment to clarify this position within the Zoning Ordinance.

Additionally, as part of a broader refresh of senior housing ordinance regulations, staff recommends considering amendments to allow senior housing developments to utilize signage that is permitted by the underlying zoning district, except that wall signage must comply with residential standards. This removes an unreasonable limit on signage currently in place which limits signs for senior housing developments to the relatively restrictive residential zoning standards for signage.

Following an initial discussion on these items, the Township Principal Planner revised the proposed text amendments to include the following changes:

1. Deletion of an explanatory table.
2. Addition of an explanation for which areas can and cannot be included in common space areas.
3. Additional reference to the definition for UFA.

The new proposed amendments and minutes from the previous discussion are included for your reference with this packet. Thank you for your initial discussion and consideration of these zoning ordinance text amendments.

Sincerely,

Dan Power, AICP
Planning and Economic Development Director
Public Services Department

COPY

Charter Township of Van Buren

CC: Vidya Krishnan – Van Buren Charter Township Principal Planner / Planning Consultant – McKenna Associates
Matthew Best, M.S. - Public Services Director, Van Buren Charter Township

COPY

structure is perceived, then there would be no need for the applicant to return to the BZA for a variance.

Moved and seconded by Board members Martin and Herman to postpone the variance request and send NEAPCO Drivelines to the Planning Commission for consideration of a solution over 1) total lot coverage, 2) how lot coverage is defined, or 3) how a structure is defined.
Roll Call Vote: (6) AYES – Grissett, Martin, Haase, Herman, Larocque, Atchinson
(1) NAYS – Sellers

Motion Carried

3. Case Number: 21-005 – Clover Communities Van Buren LLC

Location/Parcel #: 8470 Belleville Rd./Parcel ID# 83 036 99 0002 702, zoned C-2 – Extensive Highway Business District

Request: Interpretations by the Board of Zoning Appeals (BZA) of the definition of "Usable Floor Area" as described in the following Section of the Charter Township of Van Buren Zoning Ordinance:

- Section 5.143 Senior Housing
- (D) Required Minimum Usable Floor Area in Square Feet Per Dwelling Unit
  - (1) Independent Living Units: Efficiency/studio and one-bedroom dwelling units: 650 feet; Two-bedroom dwelling units: 850 square feet.

Interpretations for which appeals are sought:

- **Balconies** are not intended to be credited toward usable floor areas of dwelling units for purposes of meeting minimum usable floor area requirements.
- **Communal living spaces** are not intended to be credited toward usable floor areas of dwelling units for purposes of meeting minimum usable floor area requirements.

COPY

Moved and seconded by Board members Haase and Herman to open the Public Hearing.
Roll Call Vote: (7) AYES – Sellers, Grissett, Martin, Haase, Herman, Larocque, Atchinson
(0) NAYS

Motion Carried

Staff/Consultant Comments:
Director Power explained in this case, the BZA is requested to hear and decide appeals for the interpretation of the provisions of the Zoning Ordinance per Section 12.403(B). In particular, this applicant seeks the interpretation pertaining to the minimum Usable Floor Area (UFA) in square feet per dwelling unit in independent senior housing developments, specifically regarding how balconies and communal living areas apply toward this requirement. A single one-bedroom dwelling unit in a senior housing development requires a 650 sq. ft. and two-bedroom dwelling unit requires 850 sq. ft. Staff's original interpretation of the Ordinance, balcony space and communal living space (game room, coffee area, seating areas, etc.) cannot be credited towards the UFA within a building. Tonight's request

is not to seek a variance to this standard but to seek a reinterpretation of how this standard is applied, which would consider allowing balconies and/or communal living space. For example, the BZA will consider whether or not each dwelling unit will consist of 850 sq. ft. or there must be 850 sq. ft. UFA accounted for in the overall building for the number units that exist in the building.

Vidya Krishnan explained the proposed Clover Senior Housing Development is a 3-story, 45,860 sq. ft. building with 125 living units. The sizes of the units vary from 682 sq. ft. (one-bedroom) to 776-810 sq. ft. (two-bedroom). The Ordinance currently requires a minimum of 850 sq. ft. for a two-bedroom unit, making the proposed units 74-40 sq. ft. smaller in size than required. The applicant contends that the UFA should be include the individual balconies provided for each unit and the community area (i.e., common use spaces within the building). However, language in Section 4.103. Footnotes to the schedule of regulations, subsection (b) is very clear on the exclusion of balcony square footage in the overall dwelling unit's UFA. With regards to common-space areas (areas with amenities for residents only), there is some merit to include these areas as part of a unit's UFA when considering senior housing (only). This could be addressed through a zoning amendment. An interpretation by the BZA would allow the Planning Commission to proceed with formally changing the Zoning Ordinance to help make this interpretation concrete for future any developments. After this interpretation and clarification, the applicant will have to return to the Planning Commission for site plan and special land use approval.

Ms. Krisnan explained that since this case is not a variance request, we will not use the standards of practical difficulties of unnecessary hardships; however, interpretating the ordinance is within the police power of the BZA. It is further recommended per McKenna letter dated January 27, 2021, the BZA take the following actions:

- Uphold the ordinance language for usable floor area to exclude balconies from being considered as usable floor area.
- Agree to an interpretation to include common-space/community space/amenities within the building as usable floor area for senior housing only.
- Request the Planning Commission to amend the senior housing ordinance to add such clarification.

These recommended actions are based on the following findings of fact:

1) The ordinance definition is clear that balconies, terraces and similar 'outdoor' unheated spaces cannot be considered as part of the usable floor area for living purposes.
2) The Township ordinance for senior housing unit sizes is moderate and requires unit sizes in a middle range of other communities with a similar ordinance.
3) Seniors tend to use amenities and common-space areas and facilities provided within the building.
4) The proposed interpretation appeal is related to the valid exercise of police power.
5) The interpretation is not likely to impair light and air to adjacent property or increase the congestion in the public streets.
6) The interpretation is not likely to increase the hazard of fire or flood or endanger the public safety.
7) The interpretation is not likely to diminish or impair established property values within the surrounding areas.

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8) The interpretation is not likely to impair the public health, safety, comfort, morals, or welfare of the inhabitants of the Township.
9) The interpretation is not likely to alter the essential character of the neighborhood.

Clover Communities Representatives: Beth Ernat (Development Director), Matt Roland, and Jared Kime

In brief, Ms. Ernat presented a PowerPoint presentation. Some highlights are as follows:

- Has approximately 6,500 active adults age-restricted independent living units in over 50 communities throughout the northeast and Midwest.
- Designed for self-sufficiency and offer affordable rates.
- Included in the lease are the communal areas (community room, outdoor patio, library, community lounge w/ fireplace and study, fitness center, coffee room w/ seating, family room and resident seating areas throughout the building) available only to the residents of the building, making them part of their home environment.
- On-site beauty salons / barbers are not included as part of the communal living space because they are not used by everyone and are paid-per-service amenities.
- Individual storage units are also available as a paid-per-service or an add-on.
- Clover Communities recognizes/concedes that the balconies should not be included in the overall UFA calculations.
- They also acknowledged that the utilities areas and sanitary facilities are excluded from the UFA calculations.
- Will not include a commercial kitchen but a microwave and refrigerator will be available.
- Including the communal areas in the UFA, the revised average square footage per apartment was presented in a chart.

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Mr. Kime added that the main point they are trying to convey relating to the ordinance's definition, it is the "square footage per unit"; not "square footage in the unit". The common spaces are large usable spaces that take up much of the building's footprint for the residents' use making it a communal environment. They are well designed with higher end finishes to make them welcoming and comforting to be part of their communal living vs. singular living.

Director Power summarized that the applicant is not including: salon/barber shop, individual storage units, hallways, elevators, trash rooms, bathrooms, mechanical rooms, stairs, mail rooms in what is deemed UFA. Excluding these areas, the applicant is looking at the entire enclosure of this building and there will be some UFAs boxed into discreet dwelling units and additional UFA available through communal rooms (i.e., coffee area, etc.). BZA is being asked whether or not this is a valid interpretation of UFA per unit as required for senior housing as opposed to the initial interpretation that the only UFA is each discreet dwelling unit.

Board Discussion:

With reference to Clover's chart, Board members asked for clarification if each floor had their own common areas figured into their UFA per unit or is all the common areas shared among the three floors.

Ms. Ernat clarified that the computations for the common areas are calculated by floor; not as a whole unit.

Will be residents be allowed to use all the common areas on any of the floors? Yes. The calculations were broken down by floor because each floor contained a different number of units; however, the residents are free to visit all common areas.

Will all the residents be offered a separate storage room in the building? Yes. Storage is an add-on service and is available to all residents if they want it. In this building, approximately 75% would be able to sign-up for the storage. In other Clover properties, on average, 50% of the residents utilize this service. Enclosed garages are also available as an add-on and excluded from the unit size calculations.

Being that there were no public comments, moved and seconded by Board members Atchinson and Haase to close the Public Hearing.
Roll Call Vote: (7) AYES – Sellers, Grissett, Martin, Haase, Herman, Larocque, Atchinson
(0) NAYS

Motion Carried

Moved and seconded by Board members Grissett and Herman to uphold the ordinance language for usable floor area to exclude balconies from being considered as usable floor area.
Roll Call Vote: (7) AYES – Sellers, Grissett, Martin, Haase, Herman, Larocque, Atchinson
(0) NAYS

Motion Carried

Moved and seconded by Board members Atchinson and Sellers to agree with the interpretation put forth by the Vidya Krishnan's, Principal Planner - McKenna Associates, letter dated January 27, 2021, to include common-space/community space/amenities within the building as part of usable floor area for senior living only and request Planning Commission to amend the senior housing ordinance to add such clarification.
Roll Call Vote: (7) AYES – Sellers, Grissett, Martin, Haase, Herman, Larocque, Atchinson
(0) NAYS

Motion Carried

Director Best stated that the next step will be Director Power and Principal Planner Krishnan will put together findings of facts including the Motions that were approved tonight as well as the recommended interpretations for usable floor area and common areas to be added to independent senior living. Once assembled, they will then make a recommendation for the Planning Commission for this suggested change. This will allow Planning Commission to move forward on this interpretation and help get this project going.

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added to avoid confusion with interpretation. Commissioner also inquired about the portico clause. Vidya Krishnan will look further into the language and fine tune it for clarification.

3. Commissioner inquired with the 10% lot area coverage and maximum of up to 20,000 square feet, how did we come up with the 10%? Commissioner identified that the number may not match what is allowable in other areas of the Zoning Ordinance. Vidya Krishnan informed that the 10% was a reasonable number when looking at the comparison communities, she will look at the numbers further to make sure they match.
4. Commissioners discussed what is allowable under the zoning ordinance for lot coverage. Director Power and Vidya Krishnan will discuss further and tighten up the language.

Director Power informed that an applicant from Neapco was present in the audience and expressed their thanks to the Planning Commission for reviewing the lot coverage text amendment language. Neapco also inquired about solar panels on the existing roof. Director Power informed that there are provisions in the zoning ordinance that are separate to address a request for solar panels on an existing roof. Director Power also noted that the changes discussed by the Commission will be looked into and brought back to the March 24, 2021 public hearing. After the public hearing the Planning Commission will consider a recommendation to the Township Board based on the final edits.

ITEM #2: DISCUSSION: SENIOR HOUSING DEVELOPMENT ZONING ORDINANCE TEXT AMENDMENTS: MINIMUM USABLE FLOOR AREA AND SIGNAGE.

PROPOSED AMENDMENTS TO SECTION 5.143 THAT WOULD CLARIFY REQUIRED SITE MINIMUM USABLE FLOOR AREA IN SQUARE FEET PER DWELLING (INDEPENDENT SENIOR HOUSING DEVELOPMENTS) AND REVISE REQUIREMENTS FOR SIGNAGE IN SENIOR HOUSING DEVELOPMENTS.

Director Power gave a presentation and brief history of the work on the senior housing zoning ordinance. There are currently two senior housing development applications, the latter of the two has prompted important discussion relating to how the language within the ordinance applies with respect to the minimum usable floor area. The ordinance 5.143(D)(1) states the required minimum usable floor area in square feet per dwelling unit and/or independent living units, efficiency, studio or 1 bed is 650 square feet and 2 bed are 800 square feet. The clarification is whether the language is referring to the minimum usable floor area in square feet per dwelling unit as an aggregate for what a development produces or as in the original interpretation the space that's inside of each individual dwelling unit. Based on the BZA's decision to proceed with reasonable limits on usable floor area that can be credited from common rooms, staff has created a text amendment for review.

Vidya Krishnan of McKenna Associates gave the presentation. Senior independent living facilities are different as seniors are more likely to use the amenities where they live (game room, dining room, recreation room, etc.), therefore including a percentage of the common area as usable floor area can be included. The suggested amendment will acknowledge that common areas count towards the usable floor area. The amendment is as follows:

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The addition of language to Section 5.143(C)(1). Common space/community space/spaces with amenities within the building can be included in the required per-unit usable floor area calculation, not to exceed a maximum of 10% of the unit size. Balconies, decks, patios and other unenclosed open spaces shall not be included in such determination.

Commissioners discussed the amendment and provided the following questions and comments:

1. Commissioner inquired in the senior living ordinance there is a specific allotment for usable floor area, thought it was the intent to acknowledge the different use by acknowledging the lower amount. The increased use in the common area wasn't clear in the ordinance, are we counting the space twice? No, the common space is counted as a percentage of the usable floor area.
2. Commissioner inquired if we are planning on including what is included as a common space? Vidya Krishnan explained that the ordinance clearly defines and specifies what is not counted as common space area. Common space areas are the amenities. Language will be added to spell out what types of areas in the amendment and senior housing ordinance.
3. Commissioner inquired how staff came up with the minimum floor area number and asked if the table will be included in the ordinance as the math calculations on the table are confusing. Director Power explained that the table will not be included in the ordinance and that the room combined usable area has to be 650 square feet for a 1 bedroom with 10% of that square footage outside of the room (common area) that is credited to each individual unit.
4. Commissioner inquired if there is a reason why we don't lower the usable floor area requirements to account for the common area? Yes, so that future developments don't just use the extra square footage to squeeze in more units, it encourages having more common area. Vidya Krishnan informed that the table will disappear and the language will be tightened up.

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Vidya Krishnan of McKenna Associates gave a brief presentation the sign language to the text amendment. At the time of the adoption of the senior housing ordinance, the signage placement was to be similar to the residential districts with a larger sign, however would have a 30-foot setback. Residents of the senior housing development need to be able to see the sign when they are driving, so they know where to turn, the residential requirement puts the sign too far back. The underlying zoning regulations requirements are very reasonable when the development is located in RM, C, and mixed-use districts, which gives the applicant the benefit of a smaller sign and more visible being closer to the entrance. The wall signs will still be limited, with the road sign comfortable enough for the residents and for citizens within the community.

Resident believes the Township should have the highest requirements in regards to signage. Vidya Krishnan explained that the sign for the current development will still comply and have to meet the sign standards for the Belleville Road Overlay District (BROD).

Vidya Krishnan will make changes to clarify the common areas and changes to usable floor space. Director Power discussed the next steps in the process and inquired if the Commission would like

to schedule the public hearing and see the revisions at that time or have the text amendment revisions come back to a meeting prior to the public hearing. Commissioners agreed that they are comfortable with the changes and to schedule the public hearing for April 14, 2021.

Motion Kelley, Atchinson second to schedule the public hearing for April 14, 2021 to address the proposed amendments.

Roll Call:
Yeas: Franzoi, Jahr, Cullin, Kelley, Atchinson, Budd and Thompson.
Nays: None.
Absent: None.
Motion Carried.

GENERAL DISCUSSION:

Director Power informed that the next Planning Commission meeting is scheduled for March 24, 2021 and there will be a full agenda. Director Power also informed that there are training opportunities coming up, if Commissioners are interested, please contact Director Power and he will get them signed up.

Director Best reached out to the Commission with an idea that staff has been working on. Due to Covid, the economy and changes in zoning, the landscape has changed around the Belleville area. There is a strong demand for service oriented commercial space and staff is looking at how to build growth within the Township. The idea is to create an overlay district along Sumpter Road in the area just south of the City of Belleville to the north side of Hull Road with a mixture of commercial and light industrial, bringing in more restaurants, retail and light industrial (ex. Sign company, plumbing company, etc.). The rural development areas to the south of Hull Road will have rules in place to protect them, not necessarily looking to change the rural areas. Commissioners discussed and agreed that they would like staff to continue to look into this idea and bring more detailed information back to a future meeting.

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ADJOURNMENT:

Motion Kelley, Jahr second to adjourn the meeting at 9:01 p.m. Motion Carried.

Respectfully submitted,

Christina Harman
Recording Secretary

CHARTER TOWNSHIP OF VAN BUREN
PLANNING COMMISSION - VIRTUAL MEETING ON ZOOM
April 14, 2021
MINUTES - DRAFT

Prior to the start of the meeting, the public was given instructions on how to take part in the meeting.

Chairperson Thompson called the meeting to order at 7:32 p.m.

ROLL CALL:
Present: Jahr, Cullin, Kelley, Budd, and Thompson.
Excused: Atchinson.
Staff: Director Power, Director Best, Fire Marshal Lenaghan and Secretary Harman.
Planning Representatives: McKenna Associate, Vidya Krishnan and Fishbeck Associate, Paul Kammer.
Applicant(s) in Attendance: Dennis Wilkin, Todd Waller and Kenny Farmer for KW Land Development. James Jacobs for Neapco. Allen Dresselhouse and Kyle Morton for Crossroads Distribution North, LLC. Timothy Shammas for Metro Party Store. Richard Tapper for Phantom Fireworks and Chuck Friese for TNT Fireworks.
Audience: Six (6).

APPROVAL OF AGENDA:
Motion Jahr, Kelley second to approve the agenda of April 14, 2021 as amended, correcting the parcel tax ID number to 83-008-99-0002-703 for New Business Item #2.

Roll Call:
Yeas: Cullin, Kelley, Budd, Jahr and Thompson.
Nays: None.
Absent: Atchinson.
Motion Carried.

APPROVAL OF MINUTES:
Motion Jahr, Budd second to approve the regular meeting minutes of March 24, 2021 as presented.

Roll Call:
Yeas: Kelley, Budd, Cullin, Jahr and Thompson.
Nays: None.
Absent: Atchinson.
Motion Carried.

PUBLIC HEARING:

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ITEM #1: SENIOR HOUSING DEVELOPMENT ZONING ORDINANCE TEXT AMENDMENTS: MINIMUM USABLE FLOOR AREA AND SIGNAGE.

PROPOSED AMENDMENTS TO SECTION 5.143 THAT WOULD CLARIFY REQUIRED SITE MINIMUM USABLE FLOOR AREA IN SQUARE FEET PER DWELLING (INDEPENDENT SENIOR HOUSING DEVELOPMENTS) AND REVISE REQUIREMENTS FOR SIGNANGE IN SENIOR HOUSING DEVELOPMENTS.

Motion Jahr, Cullin second to open the public hearing. Motion Carried.

Roll Call:
Yeas: Budd, Kelley, Cullin, Jahr and Thompson.
Nays: None.
Absent: Atchinson.
Motion Carried.

Chairperson Thompson inquired if anyone in the audience was here to make a public comment on the senior housing zoning ordinance text amendments. There were no comments from the audience.

Motion Jahr, Cullin second to close the public hearing. Motion Carried.

Roll Call:
Yeas: Budd, Kelley, Cullin, Jahr and Thompson.
Nays: None.
Absent: Atchinson.
Motion Carried.

OLD BUSINESS:

ITEM #1: SENIOR HOUSING DEVELOPMENT ZONING ORDINANCE TEXT AMENDMENTS: MINIMUM USABLE FLOOR AREA AND SIGNAGE.

PROPOSED AMENDMENTS TO SECTION 5.143 THAT WOULD CLARIFY REQUIRED SITE MINIMUM USABLE FLOOR AREA IN SQUARE FEET PER DWELLING (INDEPENDENT SENIOR HOUSING DEVELOPMENTS) AND REVISE REQUIREMENTS FOR SIGNANGE IN SENIOR HOUSING DEVELOPMENTS.

Director Power informed that there have been minor changes to the amendments based on the discussion from the March 10, 2021 Planning Commission meeting. Director Power deferred to Vidya Krishnan to further discuss the changes.

Vidya Krishnan of McKenna Associates gave the presentation. The amendments are a result of discussions from previous meetings in which the Commission had requested to clearly define what cannot be included as common space areas. Mrs. Krishnan made sure to note that

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balconies, decks, patios, unenclosed open spaces, elevators, utility rooms, storage rooms for units, corridor space and similar areas shall not be included as common space areas. The senior housing signage text amendment to the zoning ordinance clarifies that specific sign standards for senior housing developments shall be the same as the sign size and placement requirements as the underlying zoning district, except if wall signs are used, they are restricted to the limits of Section 11.108(A).

Commissioners commented that the text amendments look very good. No comments from the audience.

Motion Kelley, Jahr second to recommend the proposed amendments to senior housing development zoning ordinance be adopted by the Township Board of Trustees.

Roll Call:
Yeas: Cullin, Kelley, Budd, Jahr and Thompson.
Nays: None.
Absent: Atchinson.
Motion Carried.

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ITEM #2: 20-035 – 44605 HULL ROAD AND VICINITY IRRIGATION PONDS

THE APPLICANT, KW LAND DEVELOPMENT, ON BEHALF OF OWNER, WILKIN FARM PROPERTIES, SEEKS TO CONSTRUCT TWO (2) FIVE ACRE IRRIGATION PONDS FOR AGRICULTURAL PURPOSES PURSUANT TO CHAPTER 42, ARTICLE IV OF THE VAN BUREN TOWNSHIP CODE OF ORDINANCES.

LOCATION: THE AFFECTED PROPERTIES INCLUDE 180.57 ACRES OF LAND ON THE SOUTH SIDE OF HULL ROAD BETWEEN SUMPTER ROAD AND MARTINSVILLE ROAD, INCLUDING PARCEL 83-134-99-0003-701, 44605 HULL ROAD / 83-134-99-0001-000, 44975 HULL ROAD / 83-134-99-0002-705 AND PARCEL 83-133-99-0003-701.

Director Power presented his staff review letter dated 4-7-21. KW Land Development is proposing to dig two (2) 5-acre irrigation ponds for the purpose of irrigating crops and relocating the excavated materials offsite. The owner, Dennis Wilkin, owns and farms portions of roughly 247 acres of farm property. Ponds in Van Buren Township are regulated under Chapter 42 of the Code of Ordinance, the Planning Commission and staff have the authority to review and approve. The ponds will have safety signage, the slope will not exceed 4 on 1 and the depth not to exceed 10-12 feet below grade so as to act as an irrigation pond to agricultural areas. The Township Board of Trustees will review the request for the excavation of soil for the ponds. Regarding the impacts of drainage, the Planning Commission has the ability to request hydrological survey information be provided by the applicant.

Based on his review, Director Power offered the following recommended conditions of the submitted application and site plan for consideration of irrigation pond permit approval by the Planning Commission:

CHARTER TOWNSHIP OF VAN BUREN
PLANNING COMMISSION
REMOTE PUBLIC HEARING

Notice is hereby given that the Charter Township of Van Buren Planning Commission will hold a public hearing on **April 14, 2021 at 7:30 p.m.** This hearing will take place remotely via Zoom due to public health concerns associated with COVID-19. Any change to the meeting format or venue will be publicly posted at least 15 days prior to the meeting. The Planning Commission will consider the following zoning ordinance amendments:

> **Zoning Ordinance Text Amendments:** Proposed amendments that will clarify Required Site Minimum Usable Floor Area in Square Feet Per Dwelling (Independent Senior Housing Developments) and revise signage requirements in Senior Housing Developments. The amendments will include updates to Sections 5.143 (Senior Housing).

Members of the public may access the agenda materials via the Township website – www.vanburen-mi.org beginning **April 9, 2021.** On this website, members of the public will also gain access to **means of participating in the electronic meeting,** including a unique Zoom weblink and dial-in phone number with a meeting ID for meeting videoconference or teleconference access. The meeting will be available to view live on the Van Buren Township YouTube Channel which can be reached from the live meeting link located on the Van Buren Township website home page (www.vanburen-mi.org). Closed captioning will be available after YouTube fully renders meeting video.

A complete **procedure for public comment by electronic means** is provided on a guide which is accessible on the Van Buren Township website (www.vanburen-mi.org). Participants may also choose to submit written comments that will be read into record during public comment by the Chairperson. Submit any written comments via e-mail to dpower@vanburen-mi.org by the day of the meeting. Members of the public may also contact dpower@vanburen-mi.org to be connected with members of the Planning Commission prior to the meeting by e-mail.

To comply with the Americans with Disabilities Act (ADA), any citizen requesting accommodation to attend a meeting, and/or to obtain this notice in alternate formats, please contact the Clerk's Office at 734.699.8900 extension 9205.

Posted: March 19, 2021
Published: March 25, 2021

Charter Township of Van Buren

REQUEST FOR BOARD ACTION

Agenda Item: _____

Work Study Date:
Board Meeting: 5/4/21

Consent Agenda_____ **New Business_X__** Unfinished Business:___ Public Hearing_____

ITEM (SUBJECT)	To approve the selection of Davenport Brothers Construction for the French Landing Park Phase 1 Improvement Project.
DEPARTMENT	Public Services
PRESENTER(S)	Elizabeth Renaud, Executive Assistant Public Services
PHONE NUMBER	(734) 699-8913
INDIVIDUALS IN ATTENDANCE (OTHER THAN PRESENTER)	Matthew R. Best, Director of Public Services

Agenda topic

ACTION REQUESTED	

To approve the selection of Davenport Brothers Construction for the French Landing Park Phase 1 Improvement Project for the base bid price of $277,163.00. The project expense will be paid out of Parks & Lake Dept. Capital Outlay (101-718-970-000).

BACKGROUND – (SUPPORTING AND REFERENCE DATA, INCLUDE ATTACHMENTS)	

See attachments.

BUDGET IMPLICATION	
IMPLEMENTATION NEXT STEP	If approved, project construction will start.

DEPARTMENT RECOMMENDATION	Approval
COMMITTEE/COMMISSION RECOMMENDATION	

ATTORNEY RECOMMENDATION	

(May be subject to Attorney/Client Privilege and not available under FOIA)

ADDITIONAL REMARKS	
APPROVAL OF SUPERVISOR	_____

VAN BUREN
CHARTER TOWNSHIP

MEMO

TO:	Board of Trustees
FROM:	Matthew R. Best – Director of Public Services Elizabeth Renaud – Executive Assistant
RE:	French Landing Park Phase I Improvements
DATE:	May 4, 2021

On January 19, 2021 the Board of Trustees recommended Public Services Staff to move forward on finalizing the plans for French Landing Park Improvements Phase 1 in addition to putting the project out to bid. On Wednesday, April 14, 2021 bids for the project were opened publicly. One bid was received: Davenport Brothers Construction for $299,812. Russell Design, the Township's Landscape Architect & Construction Administrator on the project, worked with Davenport Brothers Construction on a post-bid review. After that time, Davenport Brothers Construction decreased their base bid amount to $277,163.

This bid amount fits within the original project budget. Project budget revenues include both money in Park's Capital Outlay fund in addition to grant funding from Wayne County. **Public Services Staff recommends that the Township Board approves the selection of Davenport Brothers Construction for the French Landing Park Phase 1 Improvements for the base bid price of $277,163.** The project expense will be paid out of Parks & Lake Dept. Capital Outlay (101-718-970-000). If approved, project construction will start.

The main scope of Phase 1 includes demo & site work, the pathway system within the park, landscaping, irrigation system, electric work, the shade structure & associated concrete pad and footings, and site furniture.

RUSSELL DESIGN
LANDSCAPE ARCHITECTURE
Design ■ ■ ■ Planning

April 20, 2021

Mr. Matthew Best, M.S
Director
Department of Public Services
Charter Township of Van Buren
46425 Tyler Rd
Van Buren, Michigan 48111

RE: **Recommendation Letter of Award for French Landing Park Improvements**

Dear Matthew:

On Wednesday, April 14, 2021 bids for the French Landing Park Improvements were read aloud. One bid was received. The apparent low bidder is Davenport Brothers Construction with the base bid amount of $299,812.00.

A post bid review with Davenport Brothers Construction was conducted on April 19, 2021. A post bid addendum was prepared to address the misinterpretation of the drawings and specifications that decreased the base bid amount to $277,163.00.

We would recommend Van Buren Township award the contract to Davenport Brothers Construction in the amount of $277,163.00.

Please contact our office if you have questions or require additional information.

Sincerely,
RUSSELL DESIGN

Marc Russell, RLA
Principal

NOTIFICATION OF CHANGE IN BID AFTER BID DUE DATE

RUSSELL DESIGN
114 Rayson Street, Suite 2A
Northville, MI 48167

OWNER: Van Buren Charter Township
46425 Tyler Road
Van Buren Township, MI

RD JOB NO. V05-201
POST BID ADDENDUM NO. 1

PAGE 1 OF 1

PROJECT: French Landing

LOCATION: Van Buren Township, Michigan

CONTRACT FOR: Park Improvements

BID DUE DATE: April 14, 2021

DATE: April 20, 2021

This addendum is issued prior to Bid Opening. The following items are changes, additions, elimination's, and/or clarifications of Drawing (s) and/or Specifications and are to be considered by Bidding Contractor in making and submitting Proposal. The Proposal is to include all labor and material required completing items as specified. All items, except Alternates, which depend upon formal acceptance and approval by Owner, are to be considered part of Contract Documents.

DRAWING CHANGES:

NONE

SPECIFICATION CHANGES :

See complete Proposal Form Section 00 41 43 to include modified quantities and unit costs as stated below:

1. Removed line item imported topsoil. This work was proposed under the landscape contractor work for fine grade and seeded lawn. Savings of $18,000.00

2. Modified unit price for 4" concrete paving from $8.95/sf to $8.25/sf. Savings of $4,649.00

3. Changed the table references to 8 foot picnic tables. Four (4) total; (assemble and place, moveable). I assume there will not be a cost increase.

4. Base Bid: Base bid amount has been revised from $299,812.00 to $277,163.00

It is the responsibility of Bidder to revise Bid Proposal From in accordance with the described changes.

SECTION 00 41 43 - PROPOSAL FORM - POST BID

Davenport Brothers Const
Name of Bidding Contractor

hereinafter referred to as Contractor, declares familiarity with location of proposed work and conditions under which it must be performed, that Drawing(s) and Documents under "Bid Package Table of Contents" have been carefully examined, are understood and accepted as adequate for the purpose, and agrees to Contract with the **Charter Township of Van Buren**, hereinafter referred to as Owner, to perform everything required to be performed and to furnish all labor, materials, tools, equipment, utility, transportation services and supervision necessary to perform and complete, in a satisfactory manner, all work required in conjunction with above named project, and to accept as full payment thereof, subject to additions and/or deletions required by Contract, the sum of Dollars.

TOTAL BASE BID $ 277,163 .

ANALYSIS OF BID:

Unit Costs submitted for Contract additions/deletions, inclusive of any maintenance and guarantee period not separately listed. Total must equal Base Bid above. Contractor responsible to verify estimated quantity material. All work to be installed complete, as detailed on Drawing(s), within quote Base Bid.

Quantity	Description and Size	Unit Cost	Total Cost
Lump Sum	Mobilization		$ 3,000
Lump Sum	General Conditions (Building and Electrical permit fees and inspection fees will be paid for by the Township)		$ 13,580
Lump Sum	Soil Erosion and Sedimentation Control Measures (SESC permit and inspections fees shall be paid for by the contractor)		$ 2,604
Lump Sum	Tree Protection Measures, Complete		$ 2,520
Lump Sum	Selective Site Demolition, Complete		$ 2,500
Lump Sum	Strip Sod and Stockpile Existing Topsoil, Complete		$ 6,000
Lump Sum	Earthwork (incl.- excavation and export), Complete		$ 20,000
Lump Sum	Site Electrical, Complete		$ 15,000
Lump Sum	Concrete Footings, Reinforcement and Embedded Anchors for Tensile Structure, Complete		$ 65,000
6,588 sf.	4" Concrete Paving, (incl. Thickened Edge at Dock, Bench, Trash Receptacle and Bike Parking Pad), Complete	$ 8.25	$ 54,351
440 lf.	4" Concrete Planter Curb, Complete	$ 42.00	$ 18,480

Quantity	Description and Size	Comments	Unit Cost	Total Cost
1 ea.	Betula Nigra, 12'-14' ht., multi-stem		$ 603	$ 603
29 ea.	Arborvitae "Steeplechase", 8 feet HEAVY		$ 281	$ 8,149
270 ea.	Pennisetum alopecuroides Hameln, 1 gal.		$ 13.00	$ 3,510.00
5022 sy.	Fine Grade and Seeded Lawn		$ 5.00	$ 25,110.00
12 cy.	Shredded Hardwood Bark Mulch		$ 63.00	$ 756
48 cy.	Planting Mix		$ 40	$ 1920
110 lf	3/16" x 4" Permaloc Aluminum Edging		$ 6.00	$ 660
5 ea.	Bench (Assemble and Install, surface mount ONLY)		$ 300	$ 1,500
5 ea.	Trash Receptacle (Assemble and Install, surface mount ONLY)		$ 300	$ 1,500
2 ea.	8 foot Picnic Table (Assemble and Place, movable ONLY)		$ 500	$ 1,000
2 ea.	8 foot ADA Picnic Table (Assemble and Place, movable ONLY)		$ 300	$ 600
3 ea.	Bike Rack (Assemble and Install, embedded ONLY)		$ 300	$ 900
Lump Sum	Automatic Irrigation System, Complete			$ 28,000

TOTAL BASE BID $ 277,163

Unit Costs

Contractor shall submit **installed** unit prices for items of stated below. Prices shall include all material, equipment, labor, profit and overhead required for the complete installation of the work item. The owner reserves the right to increase or decrease the Total Base Bid on the basis of the unit prices stated. The owner reserves the right, prior to the bid award to negotiate with the bidder on any or all unit prices listed in this proposal. Contractor 'mark-up' will not be paid in addition to the provided unit prices.

1 sy	Asphalt Paving including base	$ 150 /SY
1 cy.	Undercutting and removal of unsuitable soils	$ 65 /CY
1 cy.	1"-3" crushed concrete (install and compact)	$ 48 /CY

REQUIRED ALTERNATES

Contractor shall submit **installed** prices for items of stated below. Prices shall include all material, equipment, labor, profit and overhead required for the complete installation of the work item. The owner reserves the right to increase or decrease the Total Base Bid on the basis of the alternate prices stated.

The owner reserves the right, prior to the bid award to negotiate with the bidder on any or all alternate prices listed in this proposal. Contractor 'mark-up' will not be paid in addition to the provided prices.

1. NONE

VOLUNTARY ALTERNATES

Contractor shall submit **installed** prices for items of stated below. Prices shall include all material, equipment, labor, profit and overhead required for the complete installation of the work item. The owner reserves the right to increase or decrease the Total Base Bid on the basis of the alternate prices stated. The owner reserves the right, prior to the bid award to negotiate with the bidder on any or all alternate prices listed in this proposal. Contractor 'mark-up' will not be paid in addition to the provided prices.

1 _____ ADD / DEDUCT: $_____

2. _____ ADD / DEDUCT: $_____

Contractor acknowledges following addenda covering revisions to Drawing(s) or Specifications; Cost of such revisions has been included in quoted base bid.

Addendum No. 1 Dated 3-24-2021

Addendum No. 2 Dated 4-01-2021

Our subcontractors will be:

Name:	**Address:**	**Specialty:**

Bidding Contractor: Davenport Brothers Const

Complete Address: 301 Industrial Park Dr

County: Telephone: (734) 691-2994

By: Mark Davenport Title: Secretary

Dated this 20th day of April 2021

Circle One: Corporation, Partnership, Individual

END OF SECTION 00 41 43

French Landing Park Improvements BID TAB			1 - Davenport Brothers Construction		
	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL
1	Mobilization	LS			$3,000.00
2	General Conditions	LS			$13,500.00
3	Soil Erosion and Sedmentation Control	LS			$2,604.00
4	Tree Protection Measures	LS			$2,520.00
5	Selective Demolition	LS			$2,500.00
6	Strip Sod and Stockpile Existing Topsoil	LS			$6,000.00
7	Earthwork (excavation and export)	LS			$20,000.00
8	Site Electrical	LS			$15,000.00
9	Concreete Footings for Tensile Structure	LS			$65,000.00
10	4" Concrete Paving	SF	6,588	$8.25	$54,351.00
11	4" Concrete Planter Curb	LF	440	$42.00	$18,480.00
12	Betula nigra 'Heritage"	EA	1	$603.00	$603.00
13	Arborvitae 'Steeplechase'	EA	29	$281.00	$8,149.00
14	Pennisetum 'Hameln'	EA	270	$13.00	$3,510.00
15	Imported Topsoil, Fine Grade and Seeded Lawn	SY	5,022	$5.00	$25,110.00
16	Shredded Bark Mulch	CY	12	$63.00	$756.00
17	Planting Mix	CY	48	$40.00	$1,920.00
18	Aluminum Edging	LF	110	$6.00	$660.00
19	Bench (assemble and install)	EA	5	$300.00	$1,500.00
20	Trash Receptacle (assemble and install)	EA	5	$300.00	$1,500.00
21	Picnic Table -8' table (assemble, movable)	EA	2	$500.00	$1,000.00
22	Picnic Table -8' ADA table (assemble, movable)	EA	2	$300.00	$600.00
23	Bike Rack (embedded)	EA	3	$300.00	$900.00
24	Irrigation	LS			$28,000.00
25	**Base Bid**				$277,163.00

French Landing Park Improvements

12090 Haggerty Road Van Buren Township, Michigan 48111

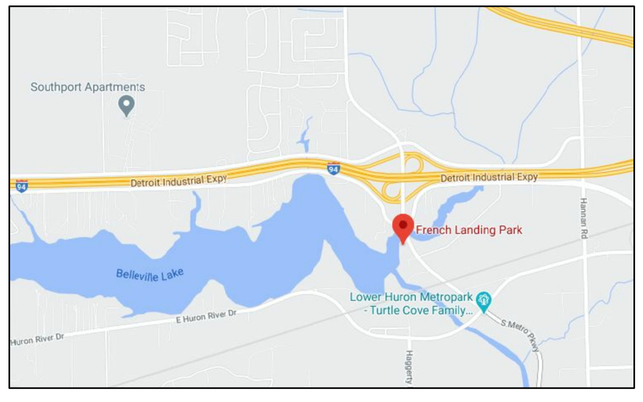
Issued for Bids & Permits: March 10, 2021

Project Number: V05-201

Project Sponsor

Van Buren Charter Township
46425 Tyler Road
Van Buren Michigan 48111

Location Map



NORTH
NO SCALE

Landscape Architect

RUSSELL DESIGN
LANDSCAPE ARCHITECTURE
DESIGN ▪ ▪ ▪ PLANNING
114 Rayson Street Suite 2A Northville, MI 48167 P. 248.374.3222

Irrigation

LIQUID ASSETS LLC
IRRIGATION DESIGN &
WATER MANAGEMENT

4843 Kittery NW
Comstock Park, Michigan 49321
Tel. (248) 789-0330
email: abarnes@lqdassets.org
www.lqdassets.org

Structural Engineer

Tensile Structure Systems
300 E Lombard St 8th Floor,
Baltimore, MD 21202
410.814.7525

Electrical Engineer

Michael McCormick, P.E.
Electrical Engineer
• Commercial • Industrial • Religious
2222 Highway 412 West
Lexington, TN 38351
(731) 614-3423
MichaelMcCormickPE@gmail.com

List of Drawings

COVER
L-1 EXISTING CONDITIONS
L-2 DEMOLITION PLAN
L-3 LAYOUT PLAN
L-4 JOINTING PLAN
L-5 GRADING PLAN
L-6 LANDSCAPE PLAN
L-7 LANDSCAPE DETAILS
IR-1 IRRIGATION PLAN
IR-2 IRRIGATION DETAILS
S-1 TENSILE STRUCTURE
FOOTING LAYOUT AND DETAILS (NOT ISSUED)
E-1 ELECTRICAL PLAN

Note Key

1. EXISTING ASPHALT DRIVE
2. RESTROOM BUILDING TO REMAIN
3. SUBSTATION
4. MASONRY SIGN
5. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED.
6. EXISTING TREE , TYP.
7. EXISTING DOCK
8. SOIL BORING LOCATION TYP. SEE SPECS FOR SOIL BORING LOGS AND RESULTS.
9. EXISTING GUARD POSTS TO REMAIN
10. EXISTING HISTORICAL SIGN
11. EXISTING GATES
12. EXISTING SIGN

Benchmarks (GPS Derived - NAVD88)

BM #300
REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

BM #301
NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

NORTH

GRAPHIC SCALE
30 0 15 30 60 120
1" = 30'

SURVEY PROVIDED BY:

PEA
7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

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Park Improvements
12090 Haggerty Road
Van Buren Township, MI 48111

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Van Buren Charter Township
46425 Tyler Road
Van Buren Township, MI 48111

Job Number:	V05-201
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Checked:	MRR
Date:	06.16.2020
Scale:	as shown

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03.10.21	BIDS & PERMITS

Sheet:
Existing Conditions

Sheet Number: L-1

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Demolition Notes:

It shall be the Contractor's responsibility to verify all existing survey information including the utility systems before any demolition or construction work occurs. Any discrepancies with the survey information shall be reported to the architect and owner's representative immediately.

Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.

All existing improvements, materials and plant material to remain within the new construction area shall be properly and adequately protected from damage during the demolition operations. It shall be the responsibility of the Contractor to restore to the original condition any of these existing items that are damaged or disturbed in any way.

All materials to be reused or salvaged shall be stored in an area designated by the Owner or Owners Representative for that purpose. All salvaged materials shall remain the property of the Owner.

Streets, sidewalks and adjacent properties shall be protected throughout the work as required by local codes and regulations and approved by the owner.

All material specified to be removed shall be disposed of off-site per local codes and regulations. Contractor shall coordinate method of disposal with Township prior to commencement of work.

During demolition operations every effort shall be made to control dust, per Township requirements.

Trees and shrubs to be removed within the limits of work shall be clearly identified with brightly colored ribbon. All removals shall be approved prior to commencing work.

Grubbing shall include all weeds, shrubs, stumps and root systems of removed plant material, irrigation piping and any other irrigation materials within the limits of demolition. Grubbing shall be to the depths below proposed improvements indicated below:
*Concrete paving and walkways-Total depth of paving and sub-base.
*Lawn and other plantings areas-Remove depth required of stumps and roots and turf.

Protect existing trees to remain per typical tree protection detail.

Stockpiled topsoil shall be stored on site and remain protected from contamination prior to redistribution. Coordinate stockpile location with owner.

Sawcut and remove existing asphalt as required to install new site improvements and adjust grades.

Arrange for applicable utility company to relocate existing cables, wires, phone lines, etc. along with DTE power lines if required.

Applicable permits and fees necessary for the complete construction of the project will be provided by the Township. The contractor shall pull actual permit.

Note Key

1. EXISTING ASPHALT DRIVE TO REMAIN. CONTRACTOR WILL BE REQ'D TO SAWCUT TO FULL DEPTH AND REMOVE EXISTING ASPHALT PAVING AND BASE DAMAGED DURING CONSTRUCTION. ANY DAMAGED ASPHALT PAVING SHALL BE REPLACED PER TYPICAL TOWNSHIP DETAILS AND SPECIFICATIONS.
2. EXISTING RESTROOM BUILDING TO REMAIN. SAWCUT CONCRETE FLOOR IN JANITOR'S CLOSET TO FULL DEPTH AND EXCAVATE TO ACCEPT 4" PVC SLEEVE TO ACCOMMODATE IRRIGATION AND ELECTRICAL SUPPLY. SEE IRRIGATION AND ELECTRICAL DRAWINGS.
3. EXISTING SUBSTATION TO REMAIN
4. EXISTING MASONRY SIGN TO REMAIN
5. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED WITH THE EXCEPTION OF SOD REMOVAL. NO HEAVY EQUIPMENT SHALL BE USED TO REMOVE SOD IN THIS AREA
6. EXISTING TREE TO REMAIN, TYP. PROTECT AS REQUIRED. SEE TYPICAL DETAIL
7. REMOVE EXISTING PICNIC TABLE AND FOOTING AND RETURN TO OWNER
8. REMOVE CONCRETE PAD
9. REMOVE EXISTING GRILL AND FOOTING AND RETURN TO OWNER
10. EXISTING GUARD POSTS TO REMAIN
11. EXISTING SIGN TO REMAIN
12. HISTORICAL SIGN TO BE REMOVED AND RELOCATED FOLLOWING CONSTRUCTION IN IMMEDIATE AREA. SEE LAYOUT PLAN FOR PROPOSED LOCATION
13. EXISTING DOCK TO REMAIN

Benchmarks (GPS Derived - NAVD88)

BM #300
REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

BM #301
NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

Legend

LANDSCAPE REMOVAL: REMOVE ALL LANDSCAPE AND ENTIRE ROOT STRUCTURE, REMOVE ALL MULCH, REMOVE SOD, STRIP TOPSOIL AND EXCAVATE TO ACCEPT NEW CONSTRUCTION. DISPOSE OF ALL REMOVED ITEMS LEGALLY OFF SITE

CONCRETE SIDEWALK REMOVAL: REMOVE CONCRETE WALK AND BASE, PROTECT ALL EXISTING IMPROVEMENTS AS REQUIRED

STRIP SOD: STRIP EXISTING SOD TO ACCEPT NEW TOPSOIL AND SEED

SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS

NOTES:

1. COORDINATE CONSTRUCTION STAGING AREA WITH TOWNSHIP. MAINTAIN ACCESS TO DAM AND SUBSTATION THROUGHOUT CONSTRUCTION.

SURVEY PROVIDED BY:

PEA
7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

NORTH

GRAPHIC SCALE
30 0 15 30 60 120
1" = 30'

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Project:
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Van Buren Township, MI 48111

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46425 Tyler Road
Van Buren Township, MI 48111

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Checked:	MRR
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Scale:	as shown

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03.10.21	BIDS & PERMITS

Sheet:
Demolition Plan

Sheet Number: L-2

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Construction Notes:

It shall be the Contractor's responsibility to verify all existing survey information including the utility systems before any demolition or construction work occurs. Any discrepancies with the survey information shall be reported to the architect and owner's representative immediately.

Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.

Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and / or grade differences exist that may not have been known during the design. Such conditions shall be immediately brought to the attention of the Landscape Architect. The contractor shall assume full responsibility for all necessary revisions due to lack of such notification.

Contractor shall be responsible for any coordination with subcontractors as required to accomplish operations.

Contractor shall ensure all utilities, equipment and sleeving have been placed, tested and approved prior to placement of finished surface.

Contractor is responsible for replacement of any existing materials that are damaged during construction.

See specifications for construction requirements, materials, and execution.

All property lines and lot lines shall be verified prior to commencing work.

Contractor shall submit all samples per specifications. All samples shall be approved by the architect or owner's representative prior to construction.

Dimensional flexibility shall be within plant beds only.

Contractor shall coordinate all site layout with the Landscape Architect and report any dimensional discrepancies prior to construction.

All walks shall be constructed with smooth and continuous curves as indicated on drawings. All staking shall be approved by owner's representative prior to installation of walks. All corrective measures shall be implemented by the contractor at no expense to the owner.

Note Key

1. EXISTING ASPHALT DRIVE
2. MIN. 6' WIDE CONCRETE PAVEMENT
3. PROPOSED CONCRETE PAD COORDINATE INSTALLATION OF TENSILE STRUCTURE FOOTINGS. TENSILE STRUCTURE INSTALLATION BY OTHERS.
4. 4" SCH. 40 PVC SLEEVE, TYP. SET AT 18" BELOW TOP OF PAVEMENT, EXTEND SLEEVE INTO BED AND BEYOND EDGE OF PAVEMENT MIN. TWO FEET AND STAKE LOCATION. COORDINATE WITH ELECTRICAL AND IRRIGATION TRADES.
5. EXISTING RESTROOM BUILDING. FOLLOWING INSTALLATION OF 4" PVC SLEEVE AND FITTING IN JANITOR'S CLOSET TO ACCOMMODATE IRRIGATION AND ELECTRICAL FEEDS, BACKFILL WITH BASE MATERIAL TO MATCH EXISTING AND COMPACT TO 95% MOD. PROCTOR. INSTALL EXPANSION JOINT AND SEALANT AND CONCRETE TO MATCH THICKNESS, FINISH AND ELEVATION OF EXISTING CONCRETE FLOOR.
6. EXISTING SUBSTATION. MAINTAIN 5 FT. MINIMUM CLEARANCE FROM EXSITING CHAIN LINK FENCE.
7. EXISTING MASONRY SIGN
8. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED WITH THE EXCEPTION OF SEEDING, SEE LANDSCAPE PLAN
9. PLANTING BED, SEE LANDSCAPE PLAN
10. EXISTING TREE, TYP.
11. CONCRETE PLANTER CURB, SEE TYP. DETAIL
12. BENCH WITH COMPANION SEATING TYP. (5 TOTAL), SEE TYP. DETAIL. BENCH PADS ARE SHOWN IN DESIRED LOCATION. ALL BENCH PADS SHALL BE APPROVED IN FIELD PRIOR TO SETTING FORMS AND CONCRETE INSTALLATION.
13. RELOCATED HISTORICAL SIGN. LOCATE AT THE DIRECTION OF OWNER/LANDSCAPE ARCHITECT
14. TAPER CONCRETE WALK TO MATCH WIDTH OF EXISTING DOCK. THICKEN CONCRETE EDGE TO ACCEPT EXISTING DOCK. SECURE EXISTING DOCK TO THICKENED CONCRETE EDGE AS REQ'D TO MAINTAIN A FLUSH TRANSITION. SEE TYP. DETAIL
15. TRASH RECEPTACLE, TYP. (5 TOTAL), SEE SPECS. CONCRETE PADS ARE SHOWN IN DESIRED LOCATION. ALL CONCRETE PADS SHALL BE APPROVED IN FIELD PRIOR TO SETTING FORMS AND CONCRETE INSTALLATION.
16. BIKE RACK, TYP. (3 TOTAL), SEE SPECS. CONCRETE PADS ARE SHOWN IN DESIRED LOCATION. ALL CONCRETE PADS SHALL BE APPROVED IN FIELD PRIOR TO SETTING FORMS AND CONCRETE INSTALLATION.

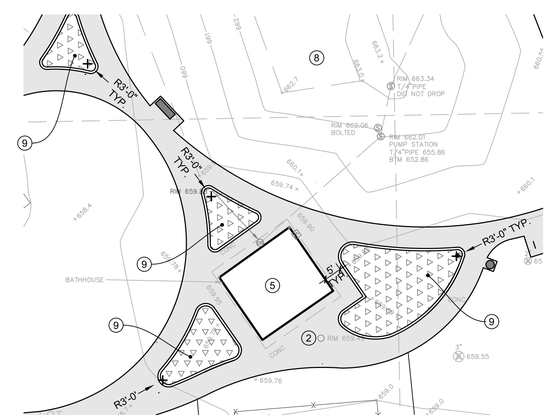
Benchmarks (GPS Derived - NAVD88)

BM #300
REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

BM #301
NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

Legend

- SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS
- SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS
- RP — RADIUS POINT OF CIRCLE. ALL DIMENSIONS TO CENTER OF WALK UNLESS OTHERWISE NOTED.



1 / - PLANTING BED ENLARGEMENT
SCALE: 1" = 20' - 0"

SURVEY PROVIDED BY:

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7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

GRAPHIC SCALE
30 0 15 30 60 120
1" = 30'

NORTH

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Project:
French Landing Park Improvements
12090 Haggerty Road
Van Buren Township, MI 48111

Client:
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46425 Tyler Road
Van Buren Township, MI 48111

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03.10.21	BIDS & PERMITS

Sheet:
Layout Plan

Sheet Number: L-3

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Note Key

1. EXISTING ASPHALT DRIVE
2. MIN. 6' WIDE CONCRETE PAVEMENT
3. PLANTING BEDS, SEE LANDSCAPE PLAN
4. EXISTING RESTROOM BUILDING
5. PROPOSED CONCRETE PAD. COORDINATE INSTALLATION OF TENSILE STRUCTURE FOOTINGS. TENSILE STRUCTURE INSTALLATION BY OTHERS

NOTES:

1. MEET ADJACENT PAVEMENT FLUSH AND ALIGN EDGES AT ALL LOCATIONS WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT OR EXISTING DOCK
2. SEE CONTROL AND EXPANSION JOINT TYPICAL DETAIL.

Legend

- EJ — EXPANSION JOINT, SEE TYP. DETAIL
- SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

Benchmarks (GPS Derived - NAVD88)

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ELEV. - 660.11

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GRAPHIC SCALE
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Sheet:
Jointing Plan

Sheet Number: L-4

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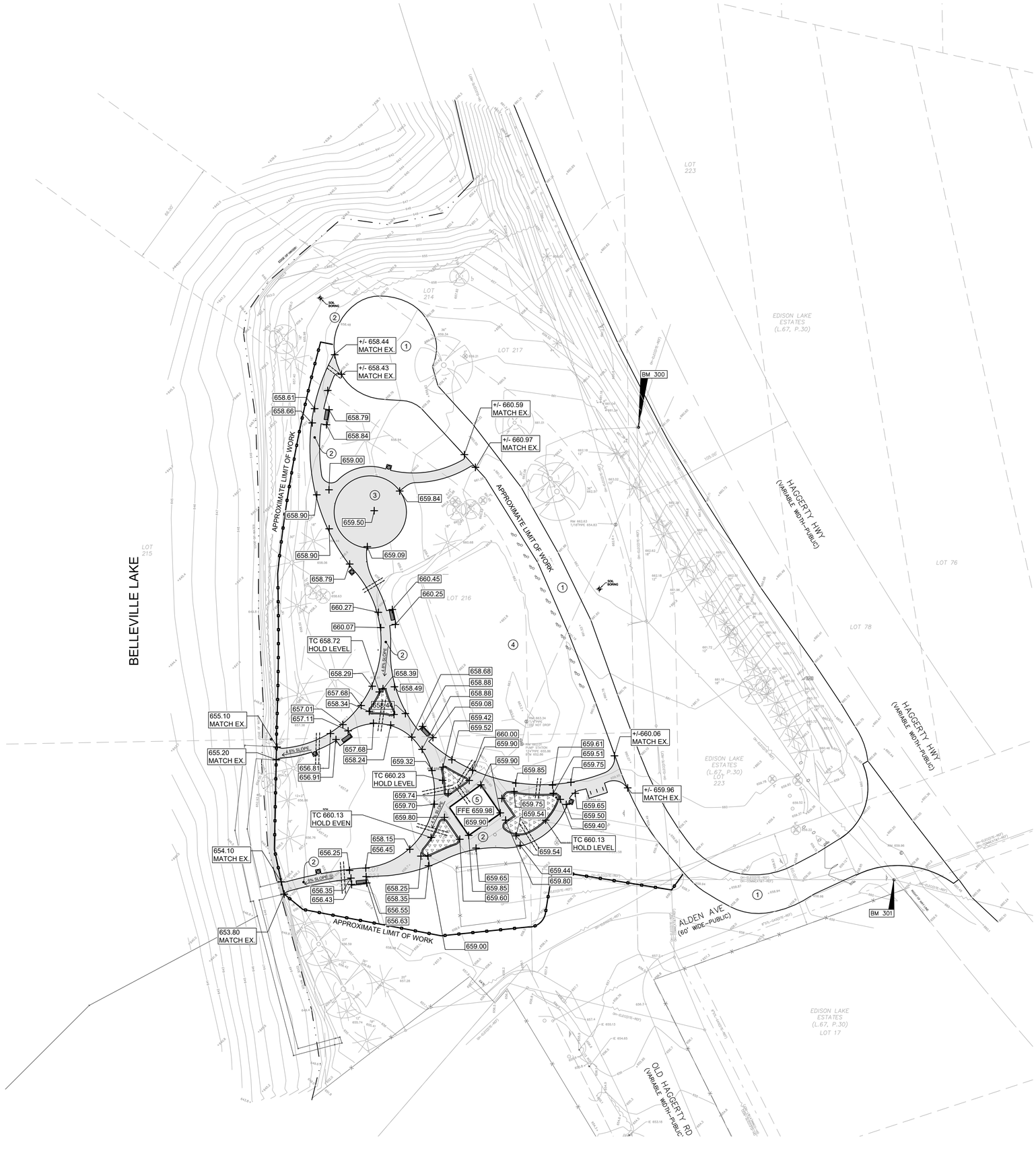

Grading Notes:

It shall be the Contractor's responsibility to verify all existing survey information including the utility systems before any demolition or construction work occurs. Any discrepancies with the survey information shall be reported to the architect and owner's representative immediately.

Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.

Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and / or grade differences exist that may not have been known during the design. Such conditions shall be immediately brought to the attention of the Landscape Architect. The contractor shall assume full responsibility for all necessary revisions due to lack of such notification.

Contractor shall be responsible for any coordination with subcontractors as required to accomplish operations.

Contractor is responsible for replacement of any existing materials that are damaged during construction.

No change in contract price will be allowed for actual or claimed differences between existing grade and those shown on plans after contractor has accepted existing grades and moved on to the site.

All proposed grades are to meet and blend in with the existing grade at project limit. Precise elevations indicated on the plans to be verified in field to as-built condition..

Contractor shall be responsible for 'rounding off' all sharp ridges and visible slope transitions whether or not such conditions are indicated on the drawings.

All grading and placement of drainage structures to be approved in the field by the owner's representative.

All existing and proposed utility structures that lie within the limit of work shall be adjusted to grade by this contractor ot the respective utility company for which this contractor is responsible to coordinate.

All proposed elevations indicated on the plans are assumed to be finished elevations. The contractor shall refer to all details and specifications to determine required sub-grade elevations.

It is the intent of the drawings that the cut and fill operations balance and that no additional material is required to be imported or exported. The contractor shall be responsible to balance the site and shall include all earthwork operations in base bid. Adjustments to the proposed elevations shall be approved by the landscape architect.

Any additional imported or exported material shall be approved by the owner's representative and shall be paid for on a unit price basis.

Note Key

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4. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED WITH THE EXCEPTION OF SEEDING, SEE LANDSCAPE PLAN
5. EXISTING RESTROOM BUILDING

NOTES:

1. MEET ADJACENT PAVEMENT FLUSH AT ALL LOCATIONS WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT.
2. ALL WALKWAYS SHALL HAVE A 2% MAXIMUM CROSS SLOPE.
3. ALL BENCH PADS AND ADJACENT LANDING/SIDEWALK SHALL HAVE A MAXIMUM 2% SLOPE IN ALL DIRECTIONS.

Benchmarks (GPS Derived - NAVD88)

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ELEV. - 660.11

Legend

SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS

NORTH

GRAPHIC SCALE

30 0 15 30 60 120

1" = 30'

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03.10.21	BIDS & PERMITS

Sheet:
Grading Plan

Sheet Number: L-5

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Note Key

1. DECIDUOUS TREE PLANTING, SEE TYP. DETAIL.
2. PERENNIAL PLANTINGS, SEE TYP. DETAIL.
3. HEDGE PLANTINGS, SEE TYP. DETAIL. INSTALL3" DEPTH SHREDDED HARDWOOD MULCH BETWEEN BACK OF HEDGE AND CHAIN LINK FENCE. MAINTAIN 5 FOOT CLEARANCE BETWEEN HEDGE AND FENCE
4. SEEDED LAWN ON 4" DEPTH TOPSOIL, TYP.
5. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED, WITH THE EXCEPTION OF SEEDING. NO HEAVY EQUIPMENT SHALL BE USED TO SEED IN THIS AREA.
6. METAL EDGE, OUTSIDE FACE AND SOUTHERN END OF HEDGE. ALIGN WITH CHAIN LINK FENCE. OMIT AT SIDEWALK, SEE SPECS
7. EXISTING RESTROOM BUILDING
8. SUBSTATION

NOTES:

1. DOUBLE SHREDDED BARK MULCH IN PLANTING BEDS, SEE TYPICAL PLANTING DETAILS FOR REQUIRED DEPTH.
2. ALL AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE TOPSOIL AND SEED AS NECESSARY TO CONFORM WITH ADJACENT UNDISTURBED AREAS

Plant List

PLANT LIST							
sym.	qty.	botanical name	common name	size	spacing	root	comments
Trees							
BN	1	Betula nigra 'Heritage'	Heritage River Birch	12"-14" ht.	as shown	B&B	Multi Stem, 5 Stem Min.
TS	29	Thuja x 'Steeplechase'	Steeplechase Arborvitae	8' ht	as shown	B&B	Heavy
Perennials							
PE	275	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass	1 gal.	24" o.c.	cont.	

Legend

SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS

Planting Notes:

The Contractor shall verify all rights of way, easements, property lines and limits of work, etc. prior to commencing work.

The Contractor shall be responsible for contacting and coordinating with all pertinent utility companies 72 hours in advance of any digging to make himself familiar with all underground utilities, pipes and structures. The Contractor shall take sole responsibility for any cost incurred due to damage of said utilities.

The Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and/or grade differences exist. Such conditions shall be immediately brought to the attention of the owner's representative and/or Landscape Architect. The Contractor shall assume full responsibility for all necessary revisions due to failure to give such notification.

Any discrepancies between dimensioned layout and actual field conditions shall be reported to the Owner's representative and Landscape Architect. Failure to make such discrepancies known will result in Contractor's responsibility and liability for any changes and associated cost.

The Contractor shall be responsible for any coordination with subcontractors as required to accomplish construction installation operations.

Do not scale drawings. Refer to written dimensions only.

The Contractor shall provide and maintain positive surface drainage.

The Contractor shall be responsible for any existing materials that are damaged during

See specifications, plant list and planting details for planting requirements, materials and execution.

All trees to have clay loam or clay balls - trees with sand balls shall not be accepted.

All trees to be approved by Owner's Representative and/or Landscape Architect prior to delivery to the site. Any trees delivered to the site not previously approved may be rejected and are the sole responsibility of the Contractor.

Final location of all plant material shall be subject to the approval of the Landscape

The Contractor to verify percolation of all planting pits prior to installation of plant

The Contractor shall place 3" depth of shredded bark mulch in all planting beds, unless otherwise indicated.

NORTH

GRAPHIC SCALE

30 0 15 30 60 120

1" = 30'

SURVEY PROVIDED BY:

PEA
7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

3 FULL WORKING DAYS BEFORE YOU DIG CALL

811 Know what's below. Call before you dig.

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LANDSCAPE ARCHITECTURE
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114 Rayson Street Suite 2A Northville, MI 48167 P. 248.374.3222

Project:
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Park Improvements
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Sheet:
Landscape Plan

Sheet Number: L-6

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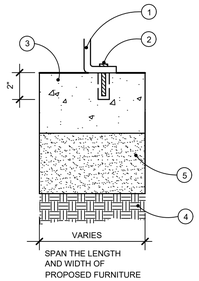
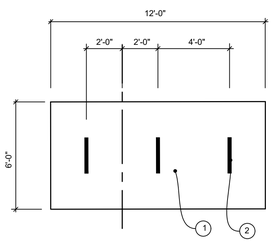


1. SITE FURNITURE, SEE PLAN FOR LOCATION
2. BOLT AND EXPANSION SLEEVE (SIZE PER MANUFACTURER RECOMMENDATIONS.) 2" MIN. DEPTH INTO CONC. SLAB BELOW. DRILL AND EPOXY GROUT IN PLACE
3. 4" CONCRETE PAVING PRE-DRILL HOLE IN CONCRETE TO ACCEPT MOUNTING BOLTS.
4. COMPACTED SUBGRADE TO 95% MOD. PROCTOR
5. 4" MIN. SAND BASE COMPACTED TO 95% MOD. PROCTOR

12 / L-3 TYPICAL FURNITURE INSTALLATION

NTS

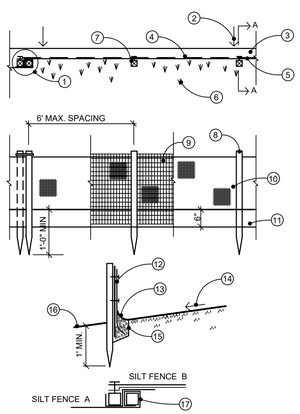


1. CONCRETE SLAB, SEE TYP. DETAIL
2. BIKE RACK, EMBEDDED SEE SPECS

TYPICAL LAYOUT

11 / L-3 BIKE RACK LAYOUT

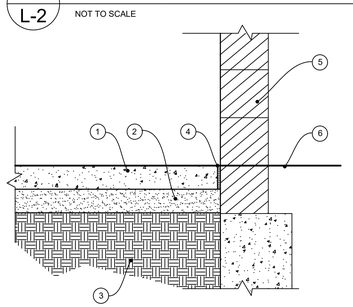
1/4" = 1'-0"



1. SILT FENCE JOINT SECTION B-B
2. SHEET FLOW
3. COMPACTED EARTH
4. GEOTEXTILE FILTER FABRIC
5. SUPPORT FENCE
6. UNDISTURBED VEGETATION
7. FENCE POSTS
8. FENCE POST DRIVEN INTO GROUND 1'-0" MIN.
9. SUPPORT FENCE
10. GEOTEXTILE FILTER FABRIC
11. 6" ANCHOR TRENCH
12. GEOTEXTILE FILTER FABRIC FASTENED ON UPHILL SIDE, TOWARDS EARTH DISRUPTION
13. RIDGE OF COMPACTED EARTH ON UPHILL SIDE OF FILTER FABRIC
14. SHEET FLOW
15. 6" x 6" ANCHOR TRENCH
16. UNDISTURBED VEGETATION
17. FABRIC TO BE WRAPPED AROUND FENCE POST

10 / L-2 SILT FENCE DETAIL

NOT TO SCALE



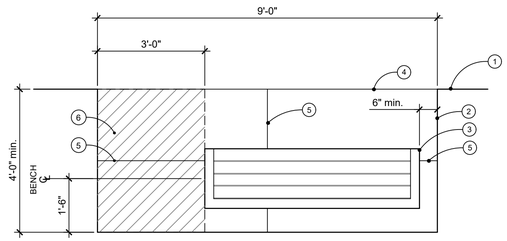
1. CONCRETE WALK. SEE LAYOUT AND GRADING PLAN
2. SAND BASE COMPACTED TO 95% MOD PROCTOR
3. COMPACTED SUBGRADE TO 95% MOD PROCTOR
4. EXPANSION JOINT WHERE PROPOSED CONCRETE ABUTS RESTROOM BUILDING, SEE LAYOUT AND JOINTING PLAN
5. EXISTING RESTROOM BUILDING AND PERIMETER FOOTING
6. FINISH GRADE

NOTE:

MAINTAIN ALL EXISTING WEEP HOLES AND PROTECT DURING CONSTRUCTION

9 / L-3 CONCRETE SLAB @ RESTROOM BUILDING

SCALE: 1" = 1'-0"



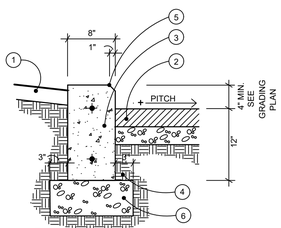
1. EDGE OF ACCESSIBLE ROUTE
2. 4" DEPTH CONCRETE BENCH PAD
3. TYPICAL 6' BENCH
4. EXPANSION JOINT, SEE TYP. DETAIL
5. CONTROL JOINT, SEE TYP. DETAIL
6. 36" X 48" CLEAR SPACE TO ACCOMMODATE WHEEL CHAIR SEATING

NOTE:

FRONT OF PAD IS SHOWN STRAIGHT, SEE PLAN LAYOUT TO CONFORM WITH RADIUS

8 / L-3 TYPICAL BENCH LAYOUT DETAIL

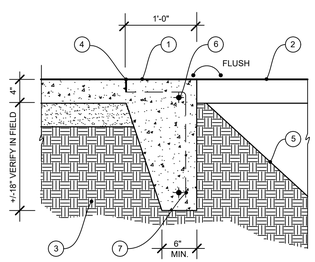
SCALE: 1/2" = 1'-0"



1. PLANTING AREA, SEE LAYOUT, GRADING AND LANDSCAPE PLAN
2. PAVING, SEE LAYOUT AND GRADING PLAN
3. CONCRETE CURB WITH (1) NO.4 BAR CONT. T&B, CUT AT EXPANSION JOINT
4. COMPACTED SUBGRADE TO 95%
5. 1" CHAMFER
6. 6" 21AA COMPACTED TO 95% MOD PROCTOR

7 / L-3 TYP. PLANTER CURB

SCALE: 1" = 1'-0"

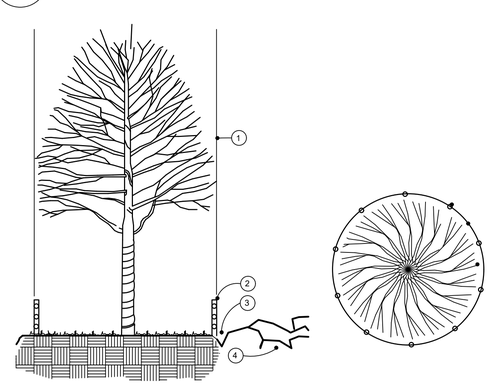


1. THICKENED CONCRETE PAVEMENT TO ACCEPT EXISTING DOCK, MEET DOCK FLUSH. VERIFY DEPTH OF THICKENED EDGE IN FIELD TO MAINTAIN MIN. 18" OF COVER
2. EXISTING DOCK, PROTECT AS REQUIRED
3. COMPACTED SUBGRADE TO 95% MOD PROCTOR
4. TOOLED JOINT, SEE TYP. DETAIL
5. UNDISTURBED SUBGRADE, VERIFY IN FIELD
6. #4 REBAR CONT. TOP AND BOTTOM
7. #4 DOWEL AT +/- 18" O.C. TIE TO FOOTING BARS AND EXTEND INTO CONCRETE PAVEMENT MIN. 12"

NOTE: SECURE EXISTING DOCK TO THICKENED EDGE AS REQ'D TO MAINTAIN A FLUSH TRANSITION

6 / L-3 THICKENED CONCRETE EDGE @ DOCK

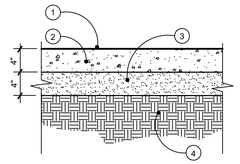
SCALE: 1" = 1'-0"



SECTION PLAN

5 / L-2 TREE PROTECTION DETAIL

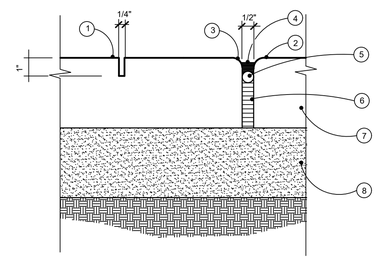
NOT TO SCALE



1. MEDIUM BROOM FINISH CONCRETE
2. 4" THICK CONCRETE WALK
3. 4" MIN. SAND FILL BASE COMPACTED TO 95% MOD. PROCTOR
4. COMPACTED SUBGRADE TO 95% MOD. PROCTOR

4 / L-3 TYPICAL 4" CONCRETE WALK

SCALE: 1" = 1'-0"

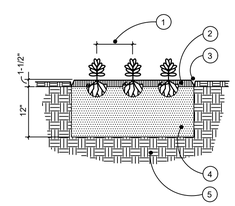


NOTE:
EXP. JTS. TO HAVE BACKER ROD AND SEALANT.

1. SAWCUT OR TOOLED CONTROL JT. SPACE AT +/- 5'-0" O.C. SEE JOINTING PLAN
3. 1/2" EXPANSION JT. SPACE AT 25' - 30' O.C. W/ TOOLED JOINT
4. SEALANT. COLOR TO MATCH CONC. SUBMIT SAMPLE FOR APPROVAL
5. BACKER ROD
6. EXPANSION JOINT FILLER
7. CONCRETE SIDEWALK
8. SAND BASE COMPACTED TO 95% MOD PROCTOR
9. COMPACTED SUBGRADE TO 95% MOD PROCTOR

3 / L-4 CONTROL AND EXPANSION JOINTS

NOT TO SCALE



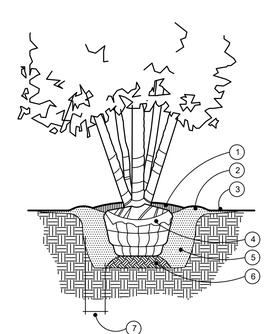
NOTES:

1. CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION

1. SEE PLANT LIST FOR SPACING
2. 1-1/2" DEPTH, CANADIAN PEAT TOP DRESSING OR 1-1/2" DOUBLE PROCESSED SHREDDED BARK MULCH
3. METAL EDGE, SEE SPECS
4. EXCAVATE EXISTING SOIL 12" DEEP FILL WITH PLANT MIX (SEE SPECS.)
5. UNDISTURBED SUBGRADE

2 / L-6 PERENNIAL/GROUNDCOVER PLANTING DETAIL

NOT TO SCALE



NOTES:

1. CONTRACTOR TO VERIFY PERCOLATION OF PLANTING PIT PRIOR TO INSTALLATION
2. SET TOP OF BALL 3" ABOVE FINISH GRADE

1. SHREDDED BARK MULCH 3" DEPTH (6' DIA.)
2. 6" TOPSOIL SAUCER
3. FIN. GRADE SLOPED AWAY FROM TREE
4. REMOVE BURLAP & CUT TWINE FROM TOP 1/3 OF BALL
5. PLANT MIX
6. SCARIFY SOIL TO 4" DEPTH AND RECOMPACT
7. 12" MIN. BETWEEN ROOTBALL AND EDGE OF PLANT PIT

1 / L-6 MULTISTEM TREE PLANTING DETAIL

NOT TO SCALE

RUSSELL DESIGN
LANDSCAPE ARCHITECTURE
DESIGN ■ ■ ■ PLANNING
114 Rayson Street Suite 2A Northville, MI 48167 P. 248.374.3222

Project:
French Landing
Park Improvements
12090 Haggerty Road
Van Buren Township, MI 48111

Client:
Van Buren Charter Township
46425 Tyler Road
Van Buren Township, MI 48111

Job Number:	V05-201
Drawn:	MS
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Date:	06.16.2020
Scale:	as shown

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Sheet:
Landscape Details

Sheet Number: L-7

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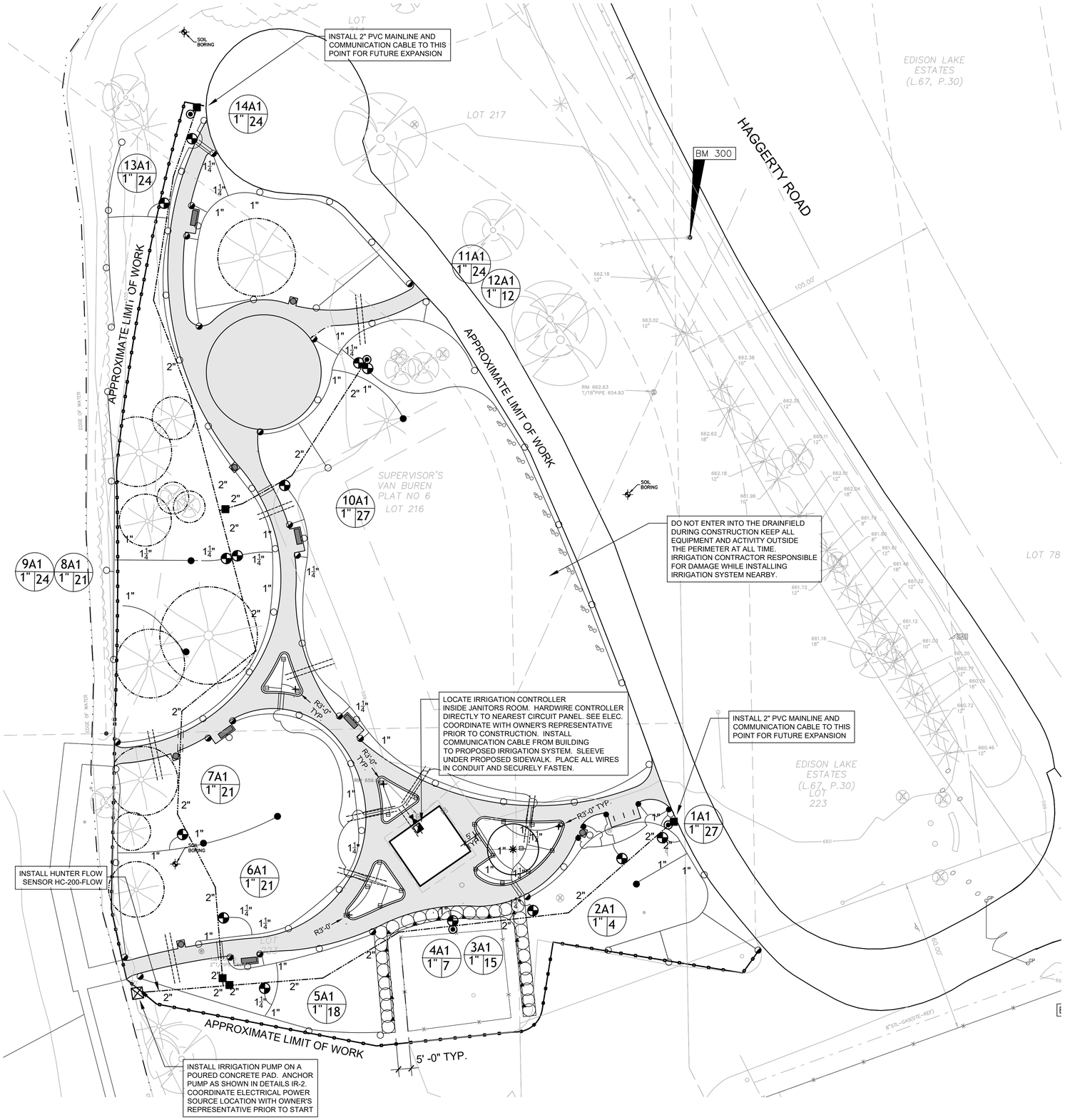


IRRIGATION LEGEND:

Hunter

FIXED SPRAY POP-UP (12") ⊟10 Series ■ 12 Series ◻15 Series ◨ Strip Series	PROS-12-PRS40
FIXED SPRAY POP-UP (12") w/ 2' radius nozzle ▲ 2' Radius Nozzle	PROS-12-PRS40
FIXED SPRAY POP-UP (4") w/ MPR nozzle ⊖ 10 Series ● 12 Series ○ 15 Series ◑ Strip Series	PROS-04-PRS40
GEAR DRIVEN ROTARY POP-UP MEDIUM RANGE ◕ 1.5 GPM ○ 3.0 GPM ● 6.0 GPM	Hunter PGP
GEAR DRIVEN ROTARY POP-UP SHORT RANGE ◐ 1.0 GPM ○ 2.0 GPM ● 4.0 GPM	Hunter PGJ
ELECTRIC VALVE W FILTER SENTRY w/ EZDS decode	ICV-FS Series
QUICK COUPLER VALVE	HQ44-LRC
ELECTRIC CONTROLLER	HCC-M
PROPOSED IRRIGATION PUMP SUPPLY	
ISOLATION GATE VALVE (LINE SIZE)	
RAIN SENSOR DEVICE (Install at all controller locations)	RAIN CLIK (wireless)
POINT OF CONNECTION TO EXISTING IRRIGATION SYSTEM	
PVC MAINLINE, SDR 26, BE,	
POLYETHYLENE PIPE, 100#, NSF APPROVED, Size as shown	
PVC SLEEVES – SDR 26 – Size as shown	

PUMP REQUIREMENTS: 40 GPM @ 60 PSI

(CONTRACTOR TO VERIFY PSI AVAILABLE ON SITE PRIOR TO SYSTEM INSTALLATION)

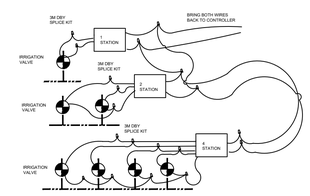
Controller and Station Number
Gallons Per Minute
Valve Size

PIPE SIZE CHART

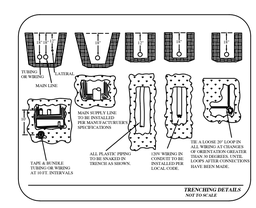
0–12 GPM = 1" DIAMETER POLYETHYLENE PIPE
12–24 GPM = 1 ¼" DIAMETER POLYETHYLENE PIPE
24–30 GPM = 1 1/2" DIAMETER POLYETHYLENE PIPE
30–60 GPM = 2" DIAMETER POLYETHYLENE PIPE

NOTES:

1. Refer to the specifications for installation details and descriptions, as well as, construction methods which will be accepted.
2. All work shall be in compliance with all local, state, and federal codes and ordinances.
3. All electrical connections shall be made using 3m DBY-6 splice kits.
4. All control wiring downstream of the controller shall be HUNTER IDWIRE UL approved for direct bury.
5. All polyethylene lateral pipe clamps shall be stainless steel worm gear type clamps. Lateral pipes 1-1/2" or larger shall be double clamped.
6. Pipe routing is schematic. All heads are to be field adjusted to within 2' to take into consideration any obstruction. Final head placements are subject to the landscape architects approval.
7. All sprinkler heads shall be mounted on 2 elbow poly swing joints as specified.
8. Contractor to verify final controller location with owner's authorized representative prior to installation.
9. All pipe not sized downstream of control valve is 1".
10. All sleeves shall be PVC SDR 21 (see specifications).
11. Irrigation contractor's point of connection to water source shall be as noted on this sheet.
12. Locate and connect to indicated water source. All pipe installed above grade shall be copper type "M".
13. 120v power to the controller locations should be provided others. Coordinate with owner's representative. Hardwire controller directly to nearest circuit panel. Place all wires in conduit per code.
14. Design pressure does not take into account seasonal supply fluctuations. Periods of drought may cause temporary pressure losses to the city water supply resulting in inadequate irrigation system performance. Irrigation design is based on normal weather conditions and typical municipal water supply abilities.
15. Irrigation contractor shall be responsible for determining and maintaining the irrigation schedule during the project construction and throughout the length of the warranty period.
16. The irrigation schedule shall deliver 1" of precipitation per week +/- natural rainfall quantities for turf grass.
17. Landscape material shall receive adjusted amounts of precipitation to maintain proper plant health.
18. Landscape and turf grass shall be irrigated separately.
19. Rotors and spray zones may not be combined to operate at the same time.
20. When specified, follow manufacturer's product recommendations concerning proper installation of water flow sensors. Allow proper straight pipe distances before and after flow sensors.



SAMPLE DECODER WIRING DIAGRAM



NORTH

LIQUID ASSETS
IRRIGATION DESIGN & WATER MANAGEMENT
4843 Kittery NW
Comstock Park, Michigan 49321
Tel. (248) 789-0330
email: abarnes@lqdassets.org
www.lqdassets.org

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Sheet:
Irrigation Plan

Sheet Number: IR-1

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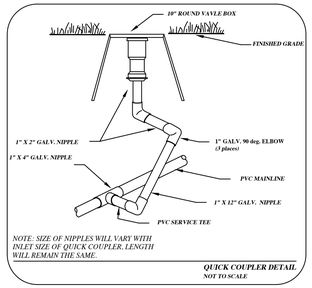
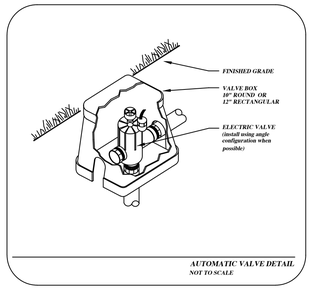
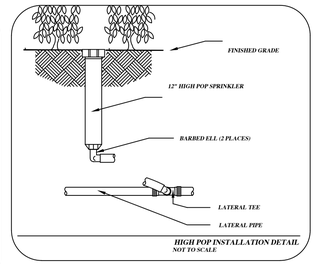


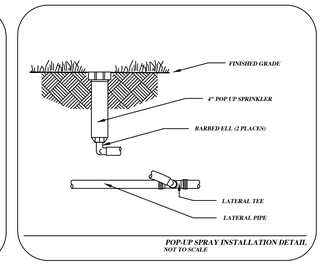
QUICK COUPLER DETAIL
NOT TO SCALE



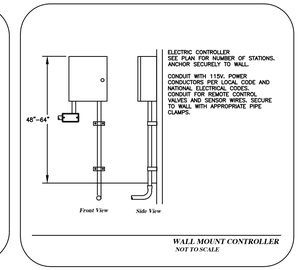
AUTOMATIC VALVE DETAIL
NOT TO SCALE



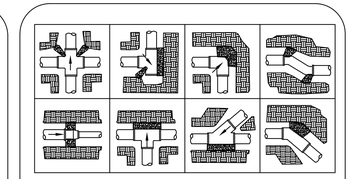
HIGH POP INSTALLATION DETAIL
NOT TO SCALE



POP-UP SPRAY INSTALLATION DETAIL
NOT TO SCALE



WALL MOUNT CONTROLLER
NOT TO SCALE



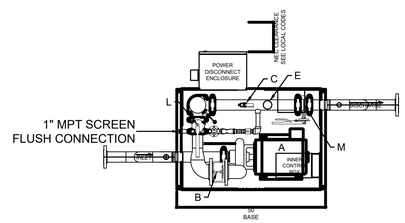
1. ALL MAIN LINES TO BE INSTALLED AND TESTED ACCORDING TO MANUFACTURER'S INSTALLATION INSTRUCTIONS, WHICH SHALL BE A PART OF THE INSTALLATION SPECIFICATIONS.
2. TRENCH DEPTH AND WIDTH SHALL BE AS SPECIFIED WITHIN WRITTEN SPECIFICATIONS.

THRUST BLOCK DETAILS
NOT TO SCALE

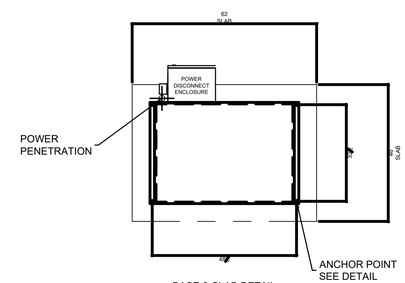
PUMP STATION SPECIFICATIONS:
NAME: FRENCH LANDING PARK
STATION MODEL: WMLV-5000-7A-5-208-1-40-60
STATION TOTAL PERFORMANCE: 40 GPM @ 60 PSI
LIFT: 8'
PUMP HORSEPOWER:
PUMP NO.1: 5HP (3600RPM)
CHECK VALVE SIZES:
PUMP NO.1 3"
ISOLATION VALVE SIZES:
DISCHARGE ISOLATION VALVE SIZE: 3"
DISCHARGE MANIFOLD SIZE: 3"

POWER REQUIREMENTS: 208V, 60 HZ, 1PHZ, 25FLA (EST.)
EXHAUST FAN REQUIREMENTS: 240CFM

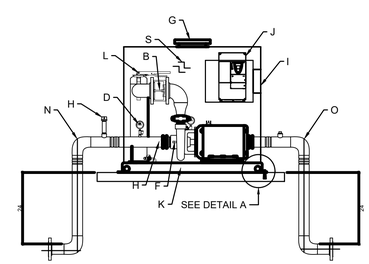
STATION COMPONENTS:
A PUMP AND MOTOR
B CHECK VALVE
C PRESSURE TRANSDUCER WITH GAUGE
D INTAKE PRESSURE GAUGE
E FLOW SENSOR
F TEMP SENSOR
G STATION FAN HOOD MOUNTED
H FILL PORT
I PUMP STATION ENCLOSURE (SANDSTONE)
J VFD
K PUMP STATION BASE (SANDSTONE)
L PUMP DISCHARGE ISOLATION VALVE
M STATION DISCHARGE ISOLATION VALVE
N INTAKE DROP PIPE W/ 3" FLG. CONNECTION
O DISCHARGE DROP PIPE W/ 3" FLG. CONNECTION
P SELF-FLUSHING SCREEN W/ FOOT VALVE
Q 3" x 20' HDPE FLOATING INTAKE PIPE

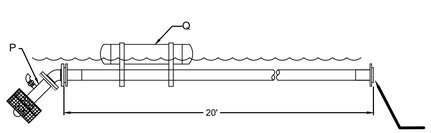


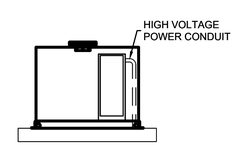
DETAIL "A"
CONCRETE ANCHOR
TYPICAL (4) LOCATIONS



BASE & SLAB DETAIL







BACK OF ENCLOSURE

IRRIGATION PUMP

IRRIGATION CONTRACTOR REQUIRED TO INSTALL A COMPLETE PUMP STATION AT THE LOCATION SHOWN ON DRAWING. COORDINATE FINAL LOCATION WITH OWNER'S REPRESENTATIVE PRIOR TO INSTALLING. COORDINATE ELECTRICAL POWER SOURCE WITH OWNERS REPRESENTATIVE PRIOR TO INSTALLING. IRRIGATION CONTRACTOR RESPONSIBLE TO PROVIDE CONNECTION FROM PUMP STATION TO ELECTRICAL POWER SOURCE AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. PROVIDE ALL PIPING AND CONNECTIONS TO ROUTE WATER FROM THE LAKE THROUGH A FILTER INTO A FLOATING SUCTION LINE INTO THE PUMP STATION AND BACK TO THE IRRIGATION SYSTEM. PUMP SHALL START/STOP BASED ON PRESSURE SETTINGS. PROVIDE PUMP STATION AS SHOWN IN DETAIL ABOVE BY WATERTRONICS OR SUBMIT AN APPROVED EQUAL FOR CONSIDERATION. IRRIGATION CONTRACTOR RESPONSIBLE FOR PURCHASING, DELIVERING, AND INSTALLING A COMPLETE PUMP STATION.

☐ APPROVED AS SUBMITTED
☐ APPROVED AS NOTED
☐ REVISE AND RESUBMIT
SIGNATURE: _____
NAME: _____
DATE: _____

NO.	DATE	BY	DESCRIPTION
7			
6			
5			
4			
3			
2			
1	---	---	---

DRAWN BY: PJB DATE: 01/27/2021
CHECKED BY: DATE:

THIS DRAWING AND DESIGN, IS THE PROPERTY OF WATERTRONICS AND IS NOT TO BE REPRODUCED IN WHOLE OR PART, NOR EMPLOYED FOR ANY PURPOSE OTHER THAN SPECIFICALLY PERMITTED IN WRITING BY WATERTRONICS. THIS DRAWING LOANED AND SUBJECT TO RETURN ON DEMAND

TITLE: FRENCH LANDING PARK
IRRIGATION SUCTION LIFT PUMP STATION

WATERTRONICS

SCALE: NTS SHEET 1 OF 1 SHEETS
JOB NO.: . DRAWING NO. PRST14315

LIQUID ASSETS LLC
IRRIGATION DESIGN & WATER MANAGEMENT
4843 Kittery NW
Comstock Park, Michigan 49321
Tel. (248) 789-0330
email: abarnes@lqdassets.org
www.lqdassets.org

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LANDSCAPE ARCHITECTURE
DESIGN ■ ■ ■ PLANNING
114 Rayson Street Suite 2A Northville, MI 48167 P. 248.374.3222

Project:
French Landing Park Improvements
12090 Haggerty Road
Van Buren Township, MI 48111

Client:
Van Buren Charter Township
46425 Tyler Road
Van Buren Township, MI 48111

Job Number: V05-201
Drawn: MS
Checked: MRR
Date: 06.16.2020
Scale: as shown

Issued:
11.24.20 OWNER REVIEW
12.04.20 REV. PER OWNER REVIEW
03.10.21 BIDS & PERMITS

Sheet:
Irrigation Details

Sheet Number: IR-2

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ELECTRICAL SPECIFICATIONS:

#1- METALLIC CONDUIT SYSTEMS TO BE RIGID GALVANIZED STEEL WHERE EXPOSED TO WEATHER (BUILDING EXTERIOR) OR MECHANICAL DAMAGE. ALL OTHER CAN BE "EMT" W/ STEEL SET SCREW FITTINGS. TYPE "MC" CABLE CAN BE USED WHERE CONCEALED IN WALLS OR ABOVE TOTALLY ENCLOSED CEILINGS. PROPER FITTINGS MUST BE USED THROUGHOUT.

#2- NONMETALLIC CONDUITS BURIED BELOW GRADE ON THE BUILDING EXTERIORS AND LOCATED IN OR BELOW CONCRETE SLABS SHALL BE SCHEDULE 40 RIGID "PVC". ELBOWS AND ANY CONDUIT LOCATED ABOVE FINISHED CONCRETE SHALL BE "RGS".

#3- CONDUCTORS TO BE STRANDED ANNEALED 98% CONDUCTIVITY COPPER W/ TYPE "THHN/THWN" 75°C INSULATION. MINIMUM SIZE POWER AND LIGHTING SYSTEM CONDUCTORS TO BE #12 AWG.

#4- PROVIDE INSULATED GROUND CONDUCTOR IN ALL FEEDERS AND BRANCH CIRCUITS AS SHOWN. SIZE PER ARTICLE 250 OF THE "NEC" WHERE NOT SHOWN ON THE DRAWINGS. PROVIDE GROUND CONDUCTORS W/ GREEN INSULATION WHEN AVAILABLE. ALL OTHER GROUND CONDUCTORS SHALL BE TAPED AT EACH END PER CODE.

#5- RECEPTACLES TO BE 20AMP 125VOLT DUPLEX GROUNDING TYPE IN GRAY COLOR W/ MATCHING COVERS OF NYLON CONSTRUCTION. SPECIAL RECEPTACLES SHALL BE AS CALLED FOR ON THE DRAWINGS.

#6- BOXES FOR RECEPTACLES, SWITCHES, OTHER DEVICES OR PULL OR JUNCTION BOXES TO MAKE CONDUIT SYSTEMS COMPLETE SHALL BE STAMPED STEEL W/ PROPER COVERS. JUNCTION AND PULL BOXES SHALL BE SIZE IN ACCORDANCE W/ THE "NEC". EXTERIOR BOXES SHALL BE TYPE "FD" CAST TYPE W/ PROPER COVERS. WEATHER PROOF COVERS FOR EXTERIOR RECEPTACLES SHALL BE "IN-USE" TYPE (TAY-MAC OR EQUAL).

#7- RECEPTACLES, SWITCHES AND OTHER DEVICES SHALL BE HUBBELL OR AN APPROVED EQUAL.

#8- ALL ELECTRICAL EQUIPMENT, DEVICES AND MATERIALS SHALL BE AS CALLED FOR OR AN APPROVED EQUAL COMPLETE W/ "U.L." LISTING AND LABELS.

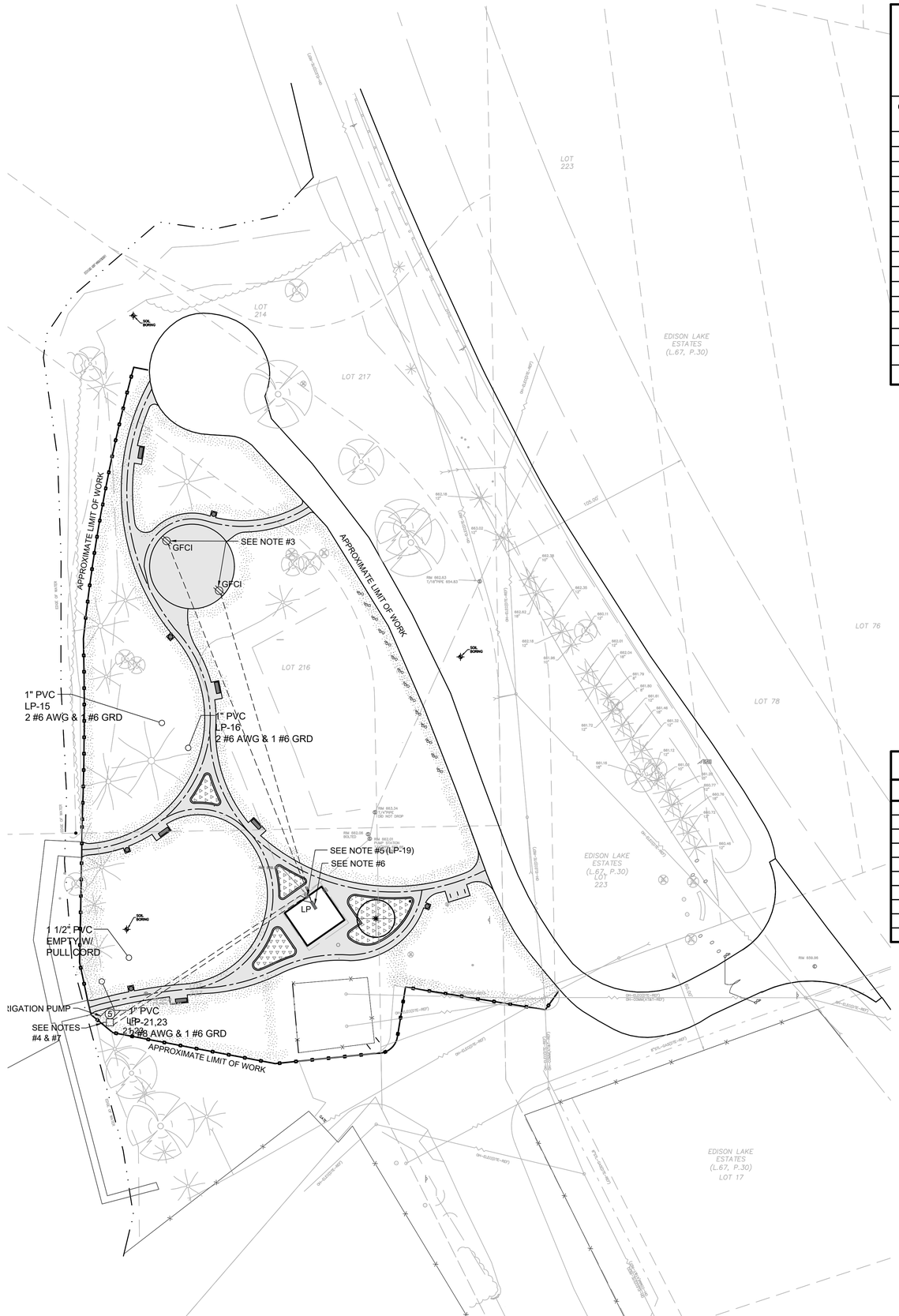
#9- ALL ELECTRICAL MATERIALS AND WORK SHALL BE DONE IN ACCORDANCE W/ THE NATIONAL, STATE AND LOCAL ELECTRICAL CODES.

#10- UPON AWARD OF CONTRACT PROVIDE 6 BOUND COPIES OF EQUIPMENT SUBMITTALS INCLUDING CUT SHEETS ON ALL LUMINAIRES, SWITCHGEAR, PANELBOARDS, DEVICES, BOXES, CONDUIT, CONDUCTORS AND ANY MISC. ELECTRICAL ITEMS FOR REVIEW BY THE ENGINEER.

#11- ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR AFTER ACCEPTANCE OF THE BUILDING BY THE OWNER.

#12- CONTRACTOR SHALL INCREASE THE SIZE OF BRANCH CIRCUIT CONDUCTORS FOR LOADS THAT ARE GREATER THAN 75' FROM THE PANEL AT LEAST ONE SIZE AND SHALL INCREASE THE GROUNDING CONDUCTOR SIZE PROPORTIONALLY.

#13- MINIMIMUM SIZE CONDUCTOR FOR ALL FEEDER AND BRANCH CIRCUITS TO BE #10 AWG UNLESS NOTED OTHERWISE.



PANEL DESIGNATION	PANEL 'LP'
VOLTAGE AND PHASE	120/208V, 1Ø, 3W
PANEL BUS SIZE	100 AMP
MAIN TYPE	100A MCB & SN
PANEL MOUNTING	SURFACE
ENCLOSURE TYPE	NEMA 1

EXISTING PANELBOARD

CKT. NO.	C.B. TRIP	NO. POLES	FEED	LOAD IN KW A Ø		B Ø		FEED	NO. POLES	C.B. TRIP	CKT. NO.
1	20	1	EXTERIOR LIGHTING	0.9	0.6	—	—	EXT. RCPT. GFCI	1	20	2
3	20	1	EXH. FAN	—	—	0.5	0.4	HAND DRYER	1	20	4
5	20	1	EXH. FAN	0.5	0.2	—	—	RECPT GFCI	1	20	6
7	20	1	LIGHTING	—	—	0.8	0.4	RECPT GFCI	1	20	8
9	20	1	LIGHTING	0.8	0.4	—	—	HAND DRYER	1	20	10
11	20	1	LIGHTING	—	—	0.2	0.2	RECPT GFCI	1	20	12
13	20	1	SPARE	.	1.5	—	—	WTR HEATER	1	20	14
15	20	1	PAVILION RECEPTACLE	—	—	.2	.2	PAVILION RECEPTACLE	1	20	16
17	20	1	SPARE	.	.	—	—	SPARE	1	20	18
19	20	1	IRRIGATION CONTROLLER	—	—	.2	.	SPARE	1	20	20
21	60	2	5HP IRRIGATION PUMP	2.9	.	—	—	SPARE	1	20	22
23	60			—	—	2.9	.	SPACE ONLY		-	24
TOTAL KW / PHASE				7.8		6.0					
TOTAL AMPS / PHASE				65.0		50.0					
TOTAL KW				13.8							
TOTAL AMPS				66.3							

1. VERIFY EXISTING SPARE BREAKER QUANTITIES FOR CIRCUITS 15, 16 & 19.
2. PROVIDE NEW 208V 60A 2P BRANCH CIRCUIT BREAKER IN EXISTING SPACE FOR NEW IRRIGATION PUMP.

ELECTRICAL NOTES:

#1- CONDUIT ROUTING AS SHOWN ON LAYOUT IS DIAGRAMMATIC AND TO BE USED AS A GUIDE ONLY. COORDINATE INSTALLATIONS WITH FIELD CONDITIONS AND EXISTING UNDERGROUND UTILITIES. PROVIDE CONDUIT SLEEVES UNDER SIDEWALKS.

#2- ALL INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE 2017 NATIONAL ELECTRICAL CODE AND ALL STATE AND LOCAL CODES.

#3- PROVIDE A 20A 125V WEATHER RESISTANT (WR) GROUND FAULT CIRCUIT INTERRUPTER (GFCI) RECEPTACLE IN AN EXTRA DUTY, IN-USE WEATHERPROOF COVER. MOUNT RECEPTACLE TO PAVILION POST. COORDINATE EXACT LOCATION WITH VENDOR DURING INSTALLATION. BRANCH CIRCUIT CONDUCTORS TO BE 2 #6 AWG & 1 #6 GRD IN 3/4" PVC. PROVIDE WEATHERPROOF JUNCTION BOX AND COMPRESSION SPLICE FOR TRANSITION TO #12 AWG CONDUCTORS AT RECEPTACLE.

#4- 5HP IRRIGATION PUMP LOCATION. PROVIDE A 250V 60A 2P NEMA-3R FUSED DISCONNECT WITH (2) FRN-R-45A FUSES. PROVIDE FINAL CONNECTION TO EQUIPMENT. BRANCH CIRCUIT TO BE 2 #8 & 1 #10 GRD IN 1" PVC.

#5- PROVIDE A 20A 120V BRANCH CIRCUIT FOR IRRIGATION CONTROLLER LOCATED IN JANITOR'S CLOSET. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH IRRIGATION VENDOR.

#6- EXISTING PANEL LOCATED IN UTILITY CLOSET. ALL UNDERGROUND BRANCH CIRCUITS SHOWN SHALL PENETRATE WALL BELOW FLOOR AND TURN UP INSIDE JANITOR'S CLOSET. A 4" SLEEVED PENETRATION BELOW FLOOR IS TO BE PROVIDED BY OTHERS. COORDINATE INSTALLATION WITH THE GENERAL CONTRACTOR.

#7- PROVIDE AN EMPTY 1 1/2" PVC CONDUIT WITH PULL CORDS FROM IRRIGATION PUMP TO IRRIGATION CONTROLLER.

#8- THIS DRAWING IS INTENDED TO BE USED AS A GUIDE AND IS DIAGRAMMATIC TO REPRESENT THE INTENT OF THE PROPOSED MODIFICATIONS. ADDITIONAL MODIFICATIONS MAY BE REQUIRED TO EXISTING ELECTRICAL INSTALLATIONS.

SYMBOL SCHEDULE

SYMBOL	DESCRIPTION
	SAFETY DISCONNECT SWITCH. NF (NON-FUSED)
	DUPLEX 20A 125V RECEPTACLE. INSTALL @ 1'-6" A.F.F. IN FINISHED AREAS.
	MOTOR CONNECTION (NUMBER IN CENTER INDICATES HORSEPOWER)
	'L' PANEL. 120/208V. 1Ø, 3W LOW VOLTAGE LIGHTING AND POWER DISTRIBUTION PANEL.
	RACEWAY WITH CONDUCTORS RUN CONCEALED IN FLOOR SLAB, IN WALLS OR IN EARTH.
	RACEWAY WITH CONDUCTORS RUN EXPOSED, PARALLEL / RIGHT ANGLES TO STRUCTURE.
	RACEWAY FOR TELEPHONE CABLES INSTALLED BY TELEPHONE COMPANY.
	BARE GROUND CONDUCTOR UNDERGROUND. SIZE AS NOTED ON PLANS.
	RACEWAY WITH CONDUCTORS RUN CONCEALED ABOVE CEILING OR IN WALLS
	INSULATED GREEN GROUND CONDUCTOR. SAME SIZE AS PHASE WIRE UNLESS NOTED.

NOTE: THIS IS A STANDARD SYMBOLS SCHEDULE. ALL SYMBOLS SHOWN ON THIS SCHEDULE MAY NOT APPEAR IN THIS SET OF DRAWINGS.

NORTH

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Michael McCormick, P.E.
Electrical Engineer
• Commercial • Industrial • Religious
2222 Highway 412 West
Lexington, TN 38351
(731) 614-3423
MichaelMcCormickPE@gmail.com

RUSSELL DESIGN
LANDSCAPE ARCHITECTURE
DESIGN ■ ■ ■ PLANNING
114 Rayson Street Suite 2A Northville, MI 48167 P. 248.374.3222

Project:
French Landing Park Improvements
12090 Haggerty Road
Van Buren Township, MI 48111

Client:
Van Buren Charter Township
46425 Tyler Road
Van Buren Township, MI 48111

Job Number:	V05-201
Drawn:	MLM
Checked:	MLM
Date:	02-16-2021
Scale:	as shown

Issued:
03.10.21 Bids & Permits

Sheet:
Electrical Plan

Sheet Number: E-1

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Demolition Notes:

It shall be the Contractor's responsibility to verify all existing survey information including the utility systems before any demolition or construction work occurs. Any discrepancies with the survey information shall be reported to the architect and owner's representative immediately.

Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.

All existing improvements, materials and plant material to remain within the new construction area shall be properly and adequately protected from damage during the demolition operations. It shall be the responsibility of the Contractor to restore to the original condition any of these existing items that are damaged or disturbed in any way.

All materials to be reused or salvaged shall be stored in an area designated by the Owner or Owners Representative for that purpose. All salvaged materials shall remain the property of the Owner.

Streets, sidewalks and adjacent properties shall be protected throughout the work as required by local codes and regulations and approved by the owner.

All material specified to be removed shall be disposed of off-site per local codes and regulations. Contractor shall coordinate method of disposal with Township prior to commencement of work.

During demolition operations every effort shall be made to control dust, per City requirements.

Trees and shrubs to be removed within the limits of work shall be clearly identified with brightly colored ribbon. All removals shall be approved prior to commencing work.

Grubbing shall include all weeds, shrubs, stumps and root systems of removed plant material, irrigation piping and any other irrigation materials within the limits of demolition. Grubbing shall be to the depths below proposed improvements indicated below:

*Concrete paving and walkways-Total depth of paving and sub-base.
*Lawn and other plantings areas-Remove depth required of stumps and roots over two (2) inches in diameter and turf.

Protect existing trees to remain per typical tree protection detail.

Stockpiled topsoil shall be stored on site and remain protected from contamination prior to redistribution. Coordinate stockpile location with owner.

Sawcut and remove existing asphalt as required to install new site improvements and adjust grades.

Arrange for applicable utility company to relocate existing cables, wires, phone lines, etc. along with DTE power lines if required.

Applicable permits and fees necessary for the complete construction of the project will be provided by the Township. The contractor shall pull actual permit.

Legend

1. EXISTING ASPHALT DRIVE TO REMAIN. CONTRACTOR WILL BE REQ'D TO SAWCUT TO FULL DEPTH AND REMOVE EXISTING ASPHALT PAVING AND BASE DAMAGED DURING CONSTRUCTION. ANY DAMAGED ASPHALT PAVING SHALL BE REPLACED PER TYPICAL TOWNSHIP DETAILS AND SPECIFICATIONS.
2. EXISTING RESTROOM BUILDING TO REMAIN. SAWCUT CONCRETE FLOOR IN JANITOR'S CLOSET TO FULL DEPTH AND EXCAVATE TO ACCEPT 4" PVC SLEEVE TO ACCOMMODATE IRRIGATION AND ELECTRICAL SUPPLY. SEE IRRIGATION AND ELECTRICAL DRAWINGS.
3. EXISTING SUBSTATION TO REMAIN
4. EXISTING MASONRY SIGN TO REMAIN
5. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED WITH THE EXCEPTION OF SOD REMOVAL. NO HEAVY EQUIPMENT SHALL BE USED TO REMOVE SOD IN THIS AREA
6. EXISTING TREE TO REMAIN, TYP. PROTECT AS REQUIRED. SEE TYPICAL DETAIL
7. REMOVE EXISTING PICNIC TABLE AND FOOTING AND RETURN TO OWNER
8. REMOVE CONCRETE PAD
9. REMOVE EXISTING GRILL AND FOOTING AND RETURN TO OWNER
10. EXISTING GUARD POSTS TO REMAIN
11. EXISTING SIGN TO REMAIN
12. HISTORICAL SIGN TO BE REMOVED AND RELOCATED FOLLOWING CONSTRUCTION IN IMMEDIATE AREA. SEE LAYOUT PLAN FOR PROPOSED LOCATION
13. EXISTING DOCK TO REMAIN

NOTES:

1. COORDINATE CONSTRUCTION STAGING AREA WITH TOWNSHIP. MAINTAIN ACCESS TO DAM AND SUBSTATION THROUGHOUT CONSTRUCTION.

Benchmarks (GPS Derived - NAVD88)

BM #300
REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

BM #301
NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

Legend

LANDSCAPE REMOVAL: REMOVE ALL LANDSCAPE AND ENTIRE ROOT STRUCTURE, REMOVE ALL MULCH, REMOVE SOD, STRIP TOPSOIL AND EXCAVATE TO ACCEPT NEW CONSTRUCTION. DISPOSE OF ALL REMOVED ITEMS LEGALLY OFF SITE

CONCRETE SIDEWALK REMOVAL: REMOVE CONCRETE WALK AND BASE, PROTECT ALL EXISTING IMPROVEMENTS AS REQUIRED

STRIP SOD: STRIP EXISTING SOD TO ACCEPT NEW TOPSOIL AND SEED

SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS

SURVEY PROVIDED BY:

PEA
7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

NORTH

GRAPHIC SCALE
30 0 15 30 60 120
1" = 30'

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Issued:

	11.24.20	OWNER REVIEW
	12.04.20	REV. PER OWNER REVIEW
	03.10.21	BIDS & PERMITS
1	03.24.21	ADDENDUM NO. 1
2	04.01.21	ADDENDUM NO. 2

Sheet:
Demolition Plan

Sheet Number: L-2

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Construction Notes:

It shall be the Contractor's responsibility to verify all existing survey information including the utility systems before any demolition or construction work occurs. Any discrepancies with the survey information shall be reported to the architect and owner's representative immediately.

Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.

Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and / or grade differences exist that may not have been known during the design. Such conditions shall be immediately brought to the attention of the Landscape Architect. The contractor shall assume full responsibility for all necessary revisions due to lack of such notification.

Contractor shall be responsible for any coordination with subcontractors as required to accomplish operations.

Contractor shall ensure all utilities, equipment and sleeving have been placed, tested and approved prior to placement of finished surface.

Contractor is responsible for replacement of any existing materials that are damaged during construction.

See specifications for construction requirements, materials, and execution.

All property lines and lot lines shall be verified prior to commencing work.

Contractor shall submit all samples per specifications. All samples shall be approved by the architect or owner's representative prior to construction.

Dimensional flexibility shall be within plant beds only.

Contractor shall coordinate all site layout with the Landscape Architect and report any dimensional discrepancies prior to construction.

All walks shall be constructed with smooth and continuous curves as indicated on drawings. All staking shall be approved by owner's representative prior to installation of walks. All corrective measures shall be implemented by the contractor at no expense to the owner.

Note Key

1. EXISTING ASPHALT DRIVE
2. MIN. 6' WIDE CONCRETE PAVEMENT
3. PROPOSED CONCRETE PAD. COORDINATE INSTALLATION OF TENSILE STRUCTURE FOOTINGS. TENSILE STRUCTURE INSTALLATION BY OTHERS
4. 4" SCH. 40 PVC SLEEVE, TYP. SET AT 18" BELOW TOP OF PAVEMENT, EXTEND SLEEVE INTO BED 2' MIN. BEYOND EDGE OF PAVEMENT MIN. 2' AND STAKE LOCATION. COORDINATE WITH ELECTRICAL AND IRRIGATION TRADES.
5. EXISTING RESTROOM BUILDING. FOLLOWING INSTALLATION OF 4" PVC SLEEVE AND FITTING IN JANITOR'S CLOSET TO ACCOMODATE IRRIGATION AND ELECTRICAL FEEDS, BACKFILL WITH BASE MATERIAL TO MATCH EXISTING AND COMPACT TO 95% MOD. PROCTOR. INSTALL EXPANSION JOINT AND SEALANT AND CONCRETE TO MATCH THICKNESS, FINISH AND ELEVATION OF EXISTING CONCRETE FLOOR.
6. EXISTING SUBSTATION, MAINTAIN 5FT MINIMUM CLEARANCE FROM EXISTING CHAIN LINK FENCE.
7. EXISTING MASONRY SIGN
8. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED WITH THE EXCEPTION OF SEEDING, SEE LANDSCAPE PLAN
9. PLANTING BED, SEE LANDSCAPE PLAN
10. EXISTING TREE, TYP.
11. CONCRETE PLANTER CURB, SEE TYP. DETAIL
12. BENCH WITH COMPANION SEATING TYP. (5 TOTAL), SEE TYP. DETAIL. BENCH PADS ARE SHOWN IN DESIRED LOCATION. ALL BENCH PADS SHALL BE APPROVED IN FIELD PRIOR TO SETTING FORMS AND CONCRETE INSTALLATION.
13. RELOCATED HISTORICAL SIGN. LOCATE AT THE DIRECTION OF OWNER/LANDSCAPE ARCHITECT
14. TAPER CONCRETE WALK TO MATCH WIDTH OF EXISTING DOCK. THICKEN CONCRETE EDGE TO ACCEPT EXISTING DOCK. SECURE EXISTING DOCK TO THICKENED CONCRETE EDGE AS REQ'D TO MAINTAIN A FLUSH TRANSITION. SEE TYP. DETAIL
15. TRASH RECEPTACLE, TYP. (5 TOTAL), SEE SPECS. 3'X3' CONCRETE PADS ARE SHOWN IN DESIRED LOCATION. ALL CONCRETE PADS SHALL BE APPROVED IN FIELD PRIOR TO SETTING FORMS AND CONCRETE INSTALLATION.
16. BIKE RACK, TYP. (3 TOTAL), SEE SPECS. CONCRETE PADS ARE SHOWN IN DESIRED LOCATION. ALL CONCRETE PADS SHALL BE APPROVED IN FIELD PRIOR TO SETTING FORMS AND CONCRETE INSTALLATION.
17. TENSILE STRUCTURE BY OTHERS.

Benchmarks (GPS Derived - NAVD88)

BM #300
REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

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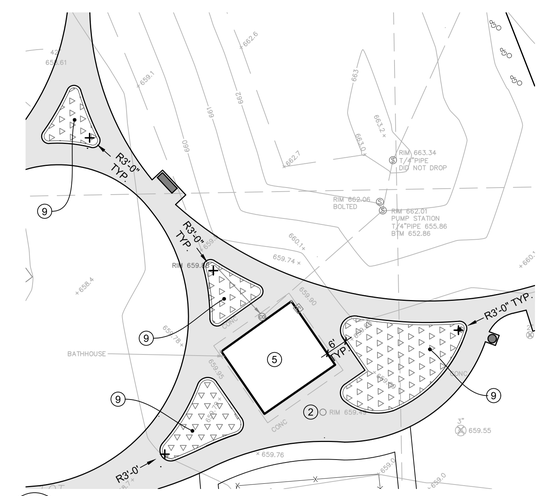
NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

Legend

- SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS
- SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS
- RP — RADIUS POINT OF CIRCLE. ALL DIMENSIONS TO CENTER OF WALK UNLESS OTHERWISE NOTED.



1 - PLANTING BED ENLARGEMENT
SCALE: 1" = 20' - 0"

SURVEY PROVIDED BY:

PEA
7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

GRAPHIC SCALE
30 0 15 30 60 120
1" = 30'

NORTH

3 FULL WORKING DAYS BEFORE YOU DIG CALL
811
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LANDSCAPE ARCHITECTURE
DESIGN ■ ■ ■ PLANNING
114 Rayson Street Suite 2A Northville, MI 48167 P. 248.374.3222

Project:
French Landing
Park Improvements
12090 Haggerty Road
Van Buren Township, MI 48111

Client:
Van Buren Charter Township
46425 Tyler Road
Van Buren Township, MI 48111

Job Number:	V05-201
Drawn:	MS
Checked:	MRR
Date:	06.16.2020
Scale:	as shown

Issued:

	11.24.20	OWNER REVIEW
	12.04.20	REV. PER OWNER REVIEW
	03.10.21	BIDS & PERMITS
1	03.24.21	ADDENDUM NO. 1
2	04.01.21	ADDENDUM NO. 2

Sheet:
Layout Plan

Sheet Number: L-3

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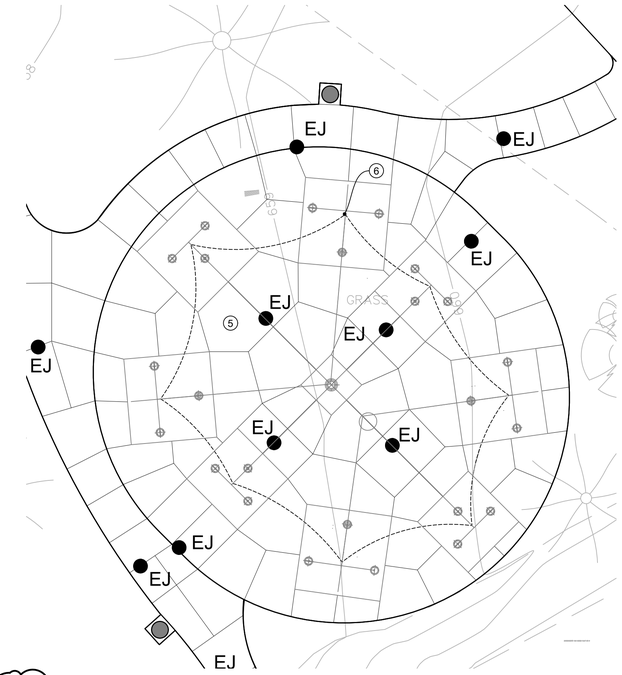

1 / - TENSILE STRUCTURE PAD JOINTING ENLARGEMENT

1" = 10'-0"

Note Key

1. EXISTING ASPHALT DRIVE
2. MIN. 6' WIDE CONCRETE PAVEMENT
3. PLANTING BEDS, SEE LANDSCAPE PLAN
4. EXISTING RESTROOM BUILDING
5. PROPOSED CONCRETE PAD, COORDINATE INSTALLATION OF TENSILE STRUCUTRE FOOTINGS. TENSILE STRUCTURE INSTALLATION BY OTHERS
6. TENSILE STRUCTURE BY OTHERS

NOTES:

1. MEET ADJACENT PAVEMENT FLUSH AND ALIGN EDGES AT ALL LOCATIONS WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT OR EXISTING DOCK
2. SEE CONTROL JOINT AND EXPANSION JOINT TYPICAL DETAIL.

Legend

- ● EJ — EXPANSION JOINT, SEE TYP. DETAIL
- SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

Benchmarks (GPS Derived - NAVD88)

BM #300
REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

BM #301
NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

NORTH

GRAPHIC SCALE

30 0 15 30 60 120

1" = 30'

SURVEY PROVIDED BY:

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2	04.01.21	ADDENDUM NO. 2

Sheet:
Jointing Plan

Sheet Number: L-4

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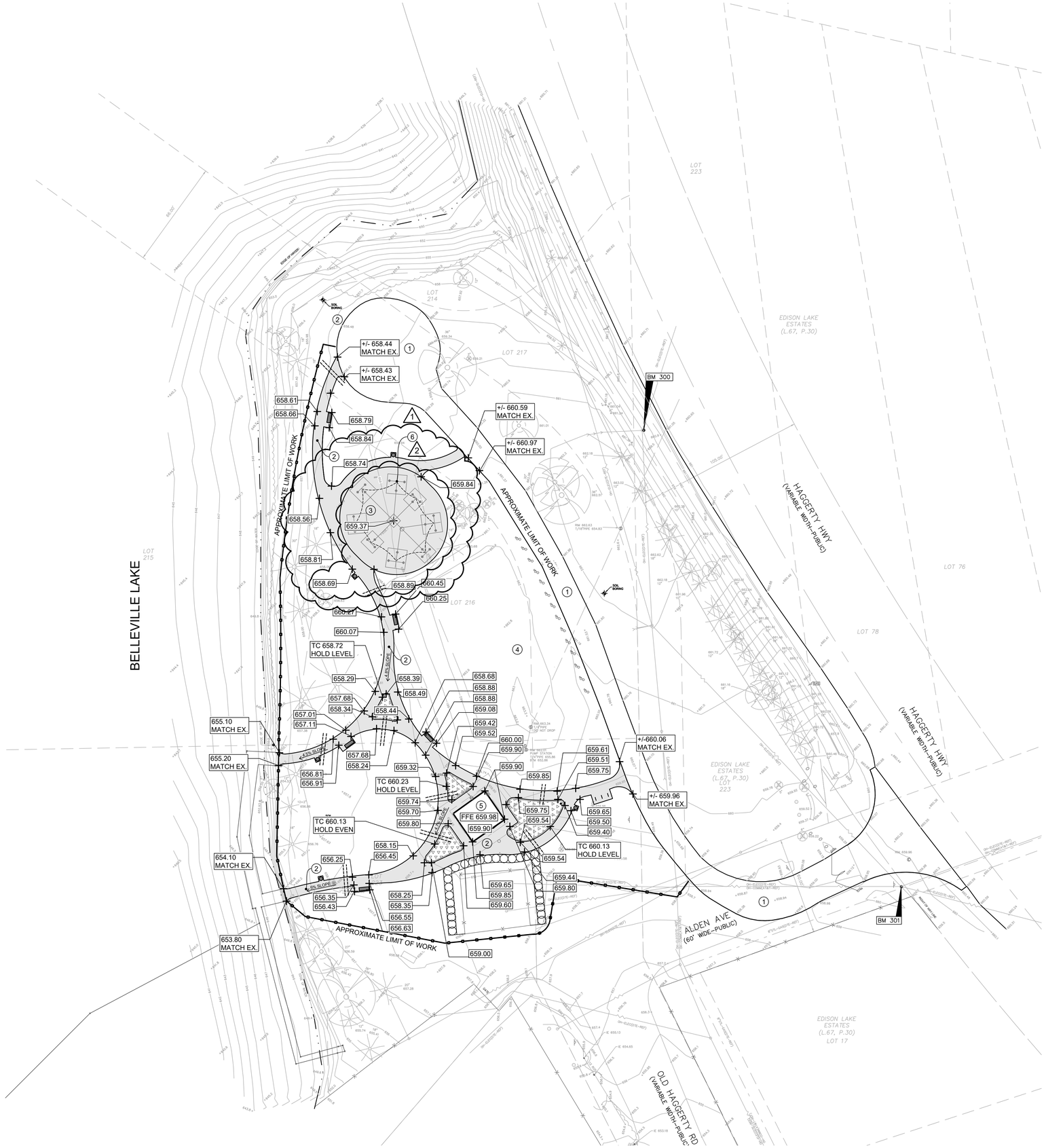

Grading Notes:

It shall be the Contractor's responsibility to verify all existing survey information including the utility systems before any demolition or construction work occurs. Any discrepancies with the survey information shall be reported to the architect and owner's representative immediately.

Contractor shall be responsible for making himself familiar with all underground utilities, pipes and structures. Contractor shall take sole responsibility for cost incurred due to damage and replacement of said utilities.

Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and / or grade differences exist that may not have been known during the design. Such conditions shall be immediately brought to the attention of the Landscape Architect. The contractor shall assume full responsibility for all necessary revisions due to lack of such notification.

Contractor shall be responsible for any coordination with subcontractors as required to accomplish operations.

Contractor is responsible for replacement of any existing materials that are damaged during construction.

No change in contract price will be allowed for actual or claimed differences between existing grade and those shown on plans after contractor has accepted existing grades and moved on to the site.

All proposed grades are to meet and blend in with the existing grade at project limit. Precise elevations indicated on the plans to be verified in field to as-built condition.

Contractor shall be responsible for 'rounding off' all sharp ridges and visible slope transitions whether or not such conditions are indicated on the drawings.

All grading and placement of drainage structures to be approved in the field by the owner's representative.

All existing and proposed utility structures that lie within the limit of work shall be adjusted to grade by this contractor ot the respective utility company for which this contractor is responsible to coordinate.

All proposed elevations indicated on the plans are assumed to be finished elevations. The contractor shall refer to all details and specifications to determine required sub-grade elevations.

It is the intent of the drawings that the cut and fill operations balance and that no additional material is required to be imported or exported. The contractor shall be responsible to balance the site and shall include all earthwork operations in base bid. Adjustments to the proposed elevations shall be approved by the landscape architect.

Any additional imported or exported material shall be approved by the owner's representative and shall be paid for on a unit price basis.

Note Key

1. EXISTING ASPHALT DRIVE
2. MIN. 6' WIDE CONCRETE PAVEMENT
3. PROPOSED CONCRETE PAD, COORDINATE INSTALLATION OF TENSILE STRUCTURE FOOTINGS. TENSILE STRUCTURE INSTALLATION BY OTHERS
4. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED WITH THE EXCEPTION OF SEEDING, SEE LANDSCAPE PLAN
5. EXISTING RESTROOM BUILDING
6. TENSILE STRUCTURE BY OTHERS

NOTES:

1. MEET ADJACENT PAVEMENT FLUSH AT ALL LOCATIONS WHERE PROPOSED PAVEMENT ABUTS EXISTING PAVEMENT.
2. ALL WALKWAYS SHALL HAVE A 2% MAXIMUM CROSS SLOPE.
3. ALL BENCH PADS AND ADJACENT LANDING/SIDEWALK SHALL HAVE A MAXIMUM 2% SLOPE IN ALL DIRECTIONS.

Benchmarks (GPS Derived - NAVD88)

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REAL ROAD SPIKE IN EAST FACE OF POWER POLE. 300' NORTH OF PARK ENTRANCE AND 50' WEST OF CENTERLINE OF HAGGERTY HWY.
ELEV. - 661.45

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NAIL IN EAST FACE OF POWER POLE 50' WEST OF CENTERLINE OF HAGGERTY HWY. AND 20' SOUTH OF PARK ENTRANCE
ELEV. - 660.11

Legend

SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS

NORTH

GRAPHIC SCALE

30 0 15 30 60 120

1" = 30'

SURVEY PROVIDED BY:

PEA
7927 Nemco Way, Ste.115
Brighton, MI 48116
517.546.8583

JOB NUMBER: 2020-0163
DATED: JUNE 8, 2020

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Sheet:
Grading Plan

Sheet Number: L-5

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Note Key

1. DECIDUOUS TREE PLANTING, SEE TYP. DETAIL.
2. PERENNIAL PLANTINGS, SEE TYP. DETAIL.
3. HEDGE PLANTINGS, SEE TYP. DETAIL INSTALL 3" DEPTH SHREDDED HARDWOOD MULCH BETWEEN BACK OF HEDGE AND CHAIN LINK FENCE. MAINTAIN 5' CLEARANCE BETWEEN HEDGE AND FENCE
4. SEEDED LAWN ON 4" DEPTH TOPSOIL, TYP.
5. APPROXIMATE LOCATION OF SEPTIC FIELD, ALL CONSTRUCTION OPERATIONS, STAGING OF MATERIALS AND EQUIPMENT, AND PARKING DURING CONSTRUCTION ARE PROHIBITED, WITH THE EXCEPTION OF SEEDING. NO HEAVY EQUIPMENT SHALL BE USED TO SEED IN THIS AREA.
6. METAL EDGE, OUTSIDE FACE AND SOUTHERN END OF HEDGE ALIGN WITH CHAIN LINK FENCE, OMIT AT SIDEWALK, SEE SPECS.
7. EXISTING RESTROOM BUILDING
8. SUBSTATION
9. TENSILE STRUCTURE BY OTHERS

1. DOUBLE SHREDDED BARK MULCH IN PLANTING BEDS, SEE TYPICAL PLANTING DETAILS FOR REQUIRED DEPTH.
2. ALL AREAS DISTURBED BY CONSTRUCTION SHALL RECEIVE TOPSOIL AND SEED AS NECESSARY TO CONFORM WITH ADJACENT UNDISTURBED AREAS

Plant List

PLANT LIST							
sym.	qty.	botanical name	common name	size	spacing	root	comments
Trees							
BN	1	Betula nigra 'Heritage'	Heritage River Birch	12"-14" ht.	as shown	B&B	Multi Stem, 5 Stem Min.
TS	29	Thuja x 'Steeplechase'	Steeplechase Arborvitae	8' ht	as shown	B&B	Heavy
Perennials							
PE	275	Pennisetum alopecuroides 'Hameln'	Dwarf Fountain Grass	1 gal.	24" o.c.	cont.	

Legend

SILT FENCE, APPROXIMATE LIMIT OF WORK, SEE LAYOUT AND GRADING PLANS, SEE TYP. DETAILS

SOIL BORING — SOIL BORING LOCATION, SEE SPECS FOR BORING LOGS AND RESULTS

Planting Notes:

The Contractor shall verify all rights of way, easements, property lines and limits of work, etc. prior to commencing work.

The Contractor shall be responsible for contacting and coordinating with all pertinent utility companies 72 hours in advance of any digging to make himself familiar with all underground utilities, pipes and structures. The Contractor shall take sole responsibility for any cost incurred due to damage of said utilities.

The Contractor shall not willfully proceed with construction as designed when it is obvious that unknown obstructions and/or grade differences exist. Such conditions shall be immediately brought to the attention of the owner's representative and/or Landscape Architect. The Contractor shall assume full responsibility for all necessary revisions due to failure to give such notification.

Any discrepancies between dimensioned layout and actual field conditions shall be reported to the Owner's representative and Landscape Architect. Failure to make such discrepancies known will result in Contractor's responsibility and liability for any changes and associated cost.

The Contractor shall be responsible for any coordination with subcontractors as required to accomplish construction installation operations.

Do not scale drawings. Refer to written dimensions only.

The Contractor shall provide and maintain positive surface drainage.

The Contractor shall be responsible for any existing materials that are damaged during construction.

See specifications, plant list and planting details for planting requirements, materials and execution.

All trees to have clay loam or clay balls - trees with sand balls shall not be accepted.

All trees to be approved by Owner's Representative and/or Landscape Architect prior to delivery to the site. Any trees delivered to the site not previously approved may be rejected and are the sole responsibility of the Contractor.

Final location of all plant material shall be subject to the approval of the Landscape Architect.

The Contractor to verify percolation of all planting pits prior to installation of plant

The Contractor shall place 3" depth of shredded bark mulch in all planting beds, unless otherwise indicated.

material.

NORTH

GRAPHIC SCALE

30 0 15 30 60 120

1" = 30'

SURVEY PROVIDED BY:

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Sheet:
Landscape Plan

Sheet Number: L-6

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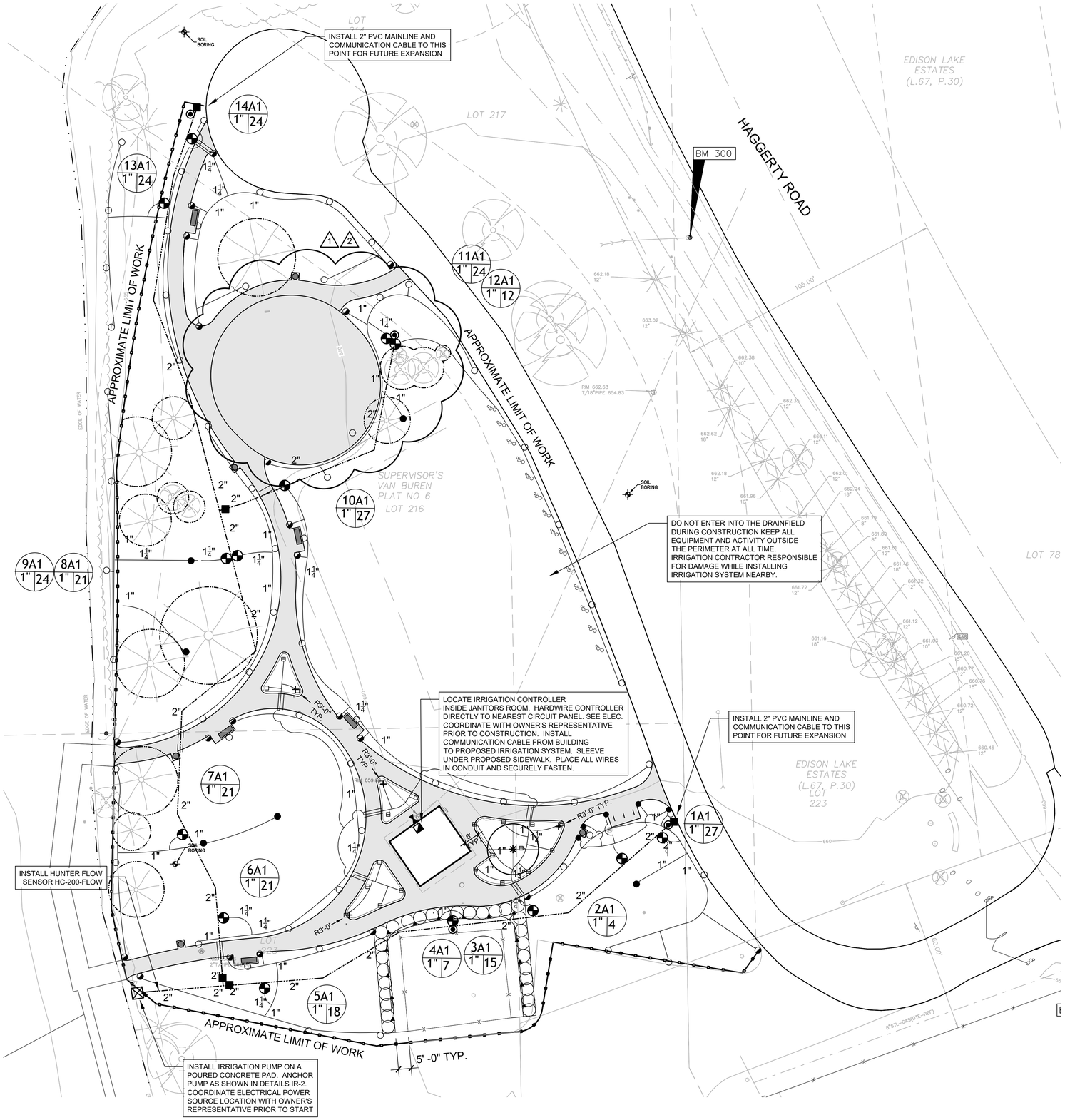


IRRIGATION LEGEND:

Hunter	
FIXED SPRAY POP-UP (12") ⊟10 Series ■ 12 Series ◻15 Series ◨ Strip Series	PROS-12-PRS40
FIXED SPRAY POP-UP (12") w/ 2' radius nozzle ▲ 2' Radius Nozzle	PROS-12-PRS40
FIXED SPRAY POP-UP (4") w/ MPR nozzle ⊖ 10 Series ● 12 Series ○ 15 Series ◑ Strip Series	PROS-04-PRS40
GEAR DRIVEN ROTARY POP-UP MEDIUM RANGE ◕ 1.5 GPM ○ 3.0 GPM ● 6.0 GPM	Hunter PGP
GEAR DRIVEN ROTARY POP-UP SHORT RANGE ◐ 1.0 GPM ○ 2.0 GPM ● 4.0 GPM	Hunter PGJ
ELECTRIC VALVE W FILTER SENTRY w/ EZDS decode	ICV-FS Series
QUICK COUPLER VALVE	HQ44-LRC
ELECTRIC CONTROLLER	HCC-M
PROPOSED IRRIGATION PUMP SUPPLY	
ISOLATION GATE VALVE (LINE SIZE)	
RAIN SENSOR DEVICE (Install at all controller locations)	RAIN CLIK (wireless)
POINT OF CONNECTION TO EXISTING IRRIGATION SYSTEM	
PVC MAINLINE, SDR 26, BE,	
POLYETHYLENE PIPE, 100#, NSF APPROVED, Size as shown	
PVC SLEEVES – SDR 26 – Size as shown	

PUMP REQUIREMENTS: 40 GPM @ 60 PSI
(CONTRACTOR TO VERIFY PSI AVAILABLE ON SITE PRIOR TO SYSTEM INSTALLATION)

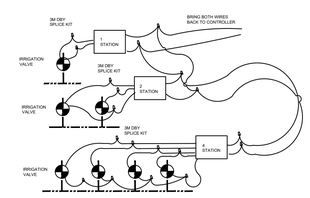
Controller and Station Number
Gallons Per Minute
Valve Size

PIPE SIZE CHART

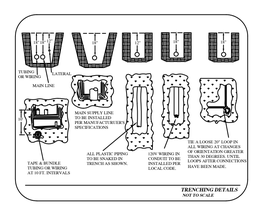
0–12 GPM = 1" DIAMETER POLYETHYLENE PIPE
12–24 GPM = 1 ¼" DIAMETER POLYETHYLENE PIPE
24–30 GPM = 1 1/2" DIAMETER POLYETHYLENE PIPE
30–60 GPM = 2" DIAMETER POLYETHYLENE PIPE

NOTES:

1. Refer to the specifications for installation details and descriptions, as well as, construction methods which will be accepted.
2. All work shall be in compliance with all local, state, and federal codes and ordinances.
3. All electrical connections shall be made using 3m DBY-6 splice kits.
4. All control wiring downstream of the controller shall be HUNTER IDWIRE UL approved for direct bury.
5. All polyethylene lateral pipe clamps shall be stainless steel worm gear type clamps. Lateral pipes 1-1/2" or larger shall be double clamped.
6. Pipe routing is schematic. All heads are to be field adjusted to within 2' to take into consideration any obstruction. Final head placements are subject to the landscape architects approval.
7. All sprinkler heads shall be mounted on 2 elbow poly swing joints as specified.
8. Contractor to verify final controller location with owner's authorized representative prior to installation.
9. All pipe not sized downstream of control valve is 1".
10. All sleeves shall be PVC SDR 21 (see specifications).
11. Irrigation contractor's point of connection to water source shall be as noted on this sheet.
12. Locate and connect to indicated water source. All pipe installed above grade shall be copper type "M".
13. 120v power to the controller locations should be provided others. Coordinate with owner's representative. Hardwire controller directly to nearest circuit panel. Place all wires in conduit per code.
14. Design pressure does not take into account seasonal supply fluctuations. Periods of drought may cause temporary pressure losses to the city water supply resulting in inadequate irrigation system performance. Irrigation design is based on normal weather conditions and typical municipal water supply abilities.
15. Irrigation contractor shall be responsible for determining and maintaining the irrigation schedule during the project construction and throughout the length of the warranty period.
16. The irrigation schedule shall deliver 1" of precipitation per week +/- natural rainfall quantities for turf grass.
17. Landscape material shall receive adjusted amounts of precipitation to maintain proper plant health.
18. Landscape and turf grass shall be irrigated separately.
19. Rotors and spray zones may not be combined to operate at the same time.
20. When specified, follow manufacturer's product recommendations concerning proper installation of water flow sensors. Allow proper straight pipe distances before and after flow sensors.



SAMPLE DECODER WIRING DIAGRAM



NORTH

LIQUID ASSETS
IRRIGATION DESIGN & WATER MANAGEMENT
4843 Kittery NW
Comstock Park, Michigan 49321
Tel. (248) 789-0330
email: abarnes@lqdassets.org
www.lqdassets.org

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Sheet:
Irrigation Plan

Sheet Number: IR-1

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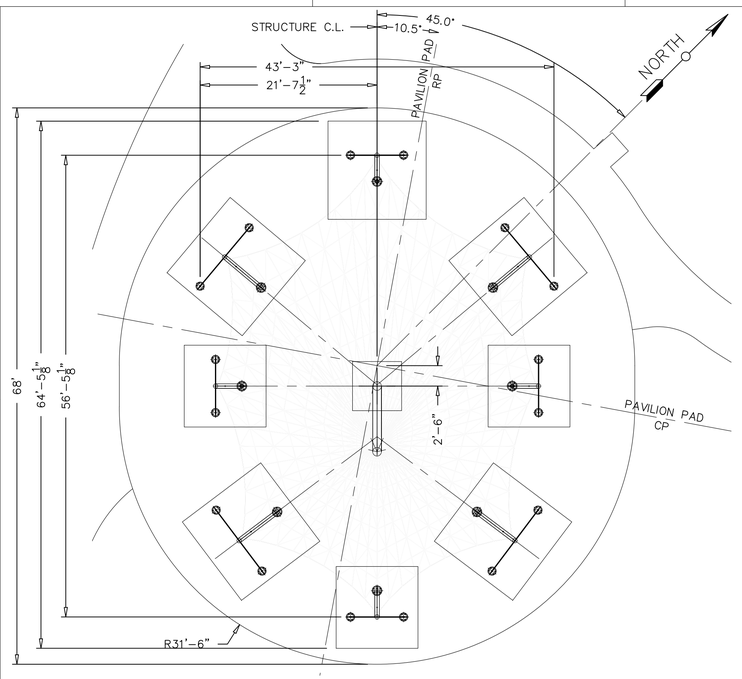
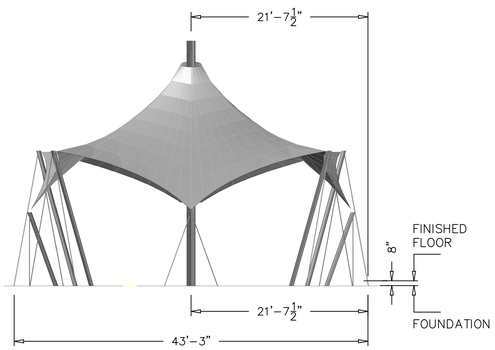
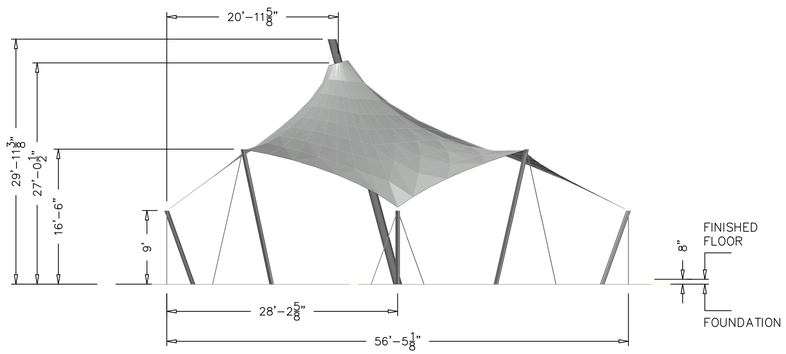
REVISIONS				
ZONE	SYM	DESCRIPTION	APPROVED	DATE
--	0	ORIGINAL RELEASE	SH	04MAR2021
--	A	LAYOUT REVISED	SH	16MAR2021
--	B	STRUCTURE ORIENTATION DETAILED	SH	22MAR2021
--	C	REMOVED "SUBMITTAL" NOTE	SH	31MAR2021



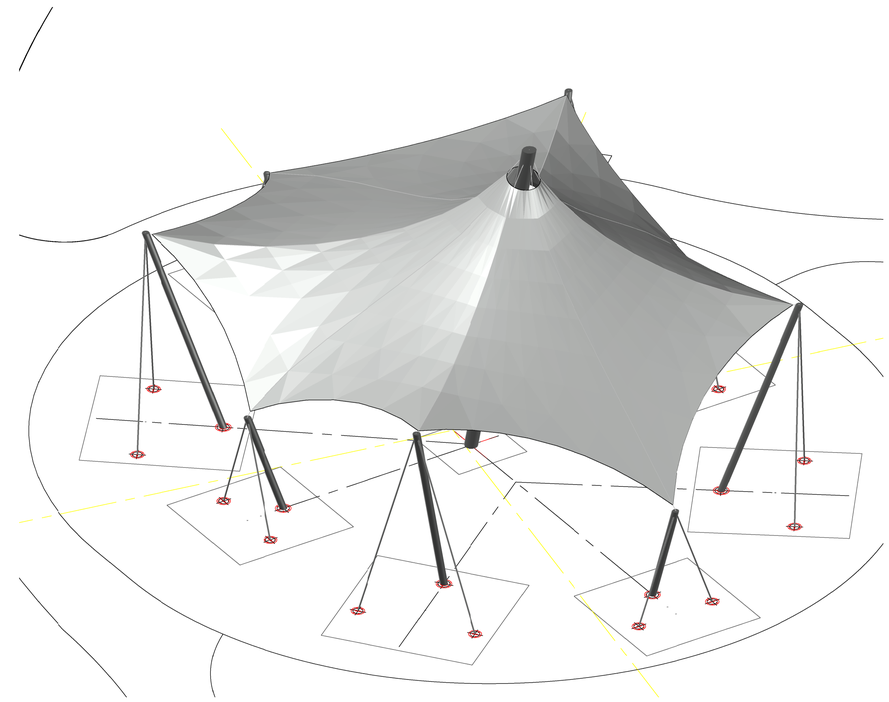
1 PLAN VIEW
-
-



2 FRONT ELEVATION
-
-



3 SIDE ELEVATION
-
-



4 ISO VIEW
-
-

BUILDING DESCRIPTION

SITE LOCATION . . . . . FRENCH LANDING PARK
VAN BUREN TWNSHP, MICH 48111

1. BUILDING SIZE . . . . . ~2,000 sq/ft

DESIGN CRITERIA [IBC 2015]

(ASCE7-10 by reference)

1603.1.1 Floor Live Load		n/a
1603.1.2 Roof Live Load*		n/a
1603.1.3 Roof Snow Load		
- Ground Snow Load	Pg	20 psf
- Flat-roof Snow Load	Pf	16.8 psf
- Snow Exposure Factor	Ce	1.0
- Snow Load Importance Factor	Is	1.0
- Thermal Factor	Ct	1.2
- Drift Surcharge Load	Pd	n/a
- Width of Snow Drift	w	n/a

* - 1603.1.2 roof live load is based on Table 4-1 for awnings and canopies, fabric construction supported by a skeleton structure.

cont...

1603.1.4 Wind Design		
- Ultimate Design Wind Speed	Vult	115 mph
- Nominal Design Wind Speed	Vasd	89.1 mph
- Risk Category		II
- Wind Exposure		C
- Internal Pressure Coefficient	GCpi	+/-0.00
- Wind Pressure	asd	15.69 psf
1603.1.5 Earthquake Design		
- Risk Category		
- Seismic Importance Factor	Ie	1.0
- Mapped Spectral Response acceleration parameters	Ss	0.098
	S1	0.048
- Site Class		D
- Design Spectral Response acceleration parameters	Sds	0.105
	Sd1	0.077
- Seismic Design Category		B

NOTES:
1) MEMBRANE:
FERRARI TX30 TYPE III (3) WHITE TRANSLUCENT
2) STRUCTURE MATERIALS:
STEEL TUBE/PIPE, min 45ksi YIELD
PLATE, A572 Gr.50
3) TENSIONING MATERIALS:
PLATE, A572 Gr.50 MATERIAL, H.D.G. FINISH
PVC COATED GALVANIZED WIRE ROPE, S.S. THREADED END FITTINGS
4) FINISH:
FRAME: MACROPOXY/ACROLON
COLOR: T.B.D.

NO.	QTY.	PART DESCRIPTION	PART NO.

2

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IMPERIAL
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
METRIC X = ± .X = ± ANG = ±
IMPERIAL .X = ± .XX = ± ANG = ± FRAC = ±

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TITLE: FRENCH LANDING TENSILE
GENERAL ARRANGEMENT

CUSTOMER:

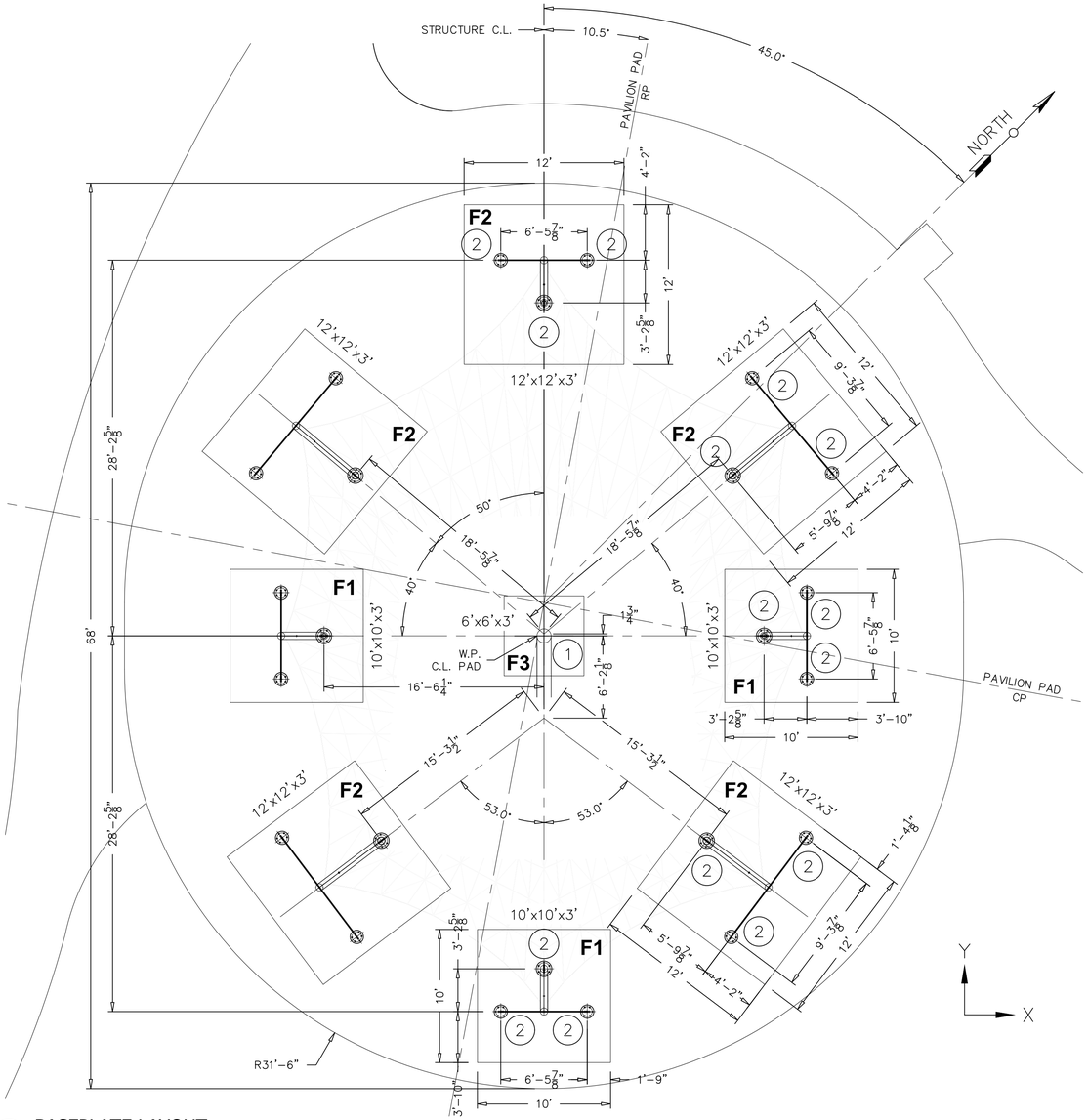
SIZE: D | SCALE: N.T.S. | NOTE #: | DRAWN: SH | APPROVAL: SF

WHERE USED / CODE:

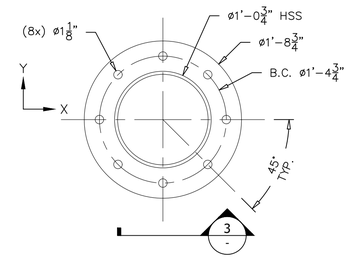
SHEET: 1 OF 1 | REV: C | DWG. NO.: D1298-101

300 EAST LOMBARD STREET, #840
BALTIMORE, MD 21202
PHONE: 1 410 532 8847
Tensileinc.com

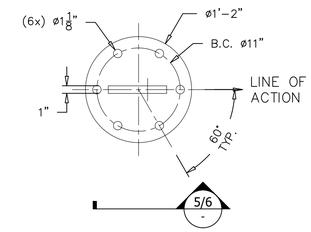
REVISIONS				
ZONE	SYM	DESCRIPTION	APPROVED	DATE
--	0	ORIGINAL RELEASE	SH	04MAR2021
--	A	LAYOUT REVISED	SH	16MAR2021
--	B	STRUCTURE ORIENTATION DETAILED	SH	22MAR2021
--	C	UPDATED DETAIL 8	SH	30MAR2021
--	D	UPDATED REVISION BLOCK, REMOVED "SUBMITTAL" NOTE	SH	31MAR2021



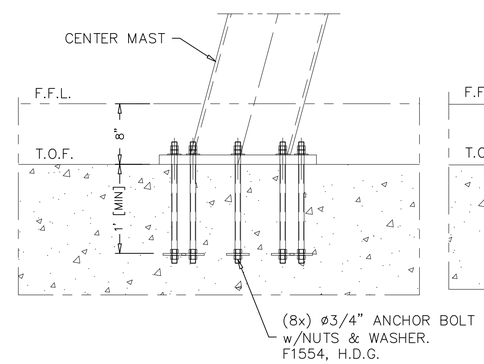
1 BASEPLATE LAYOUT
-
-



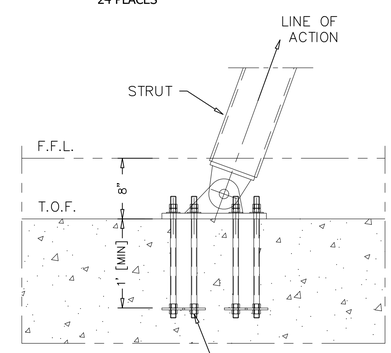
2 DETAIL NODE 1
-
1 PLACE



4 DETAIL NODE 2
-
24 PLACES



3 CENTER MAST
-
-



5 STRUT
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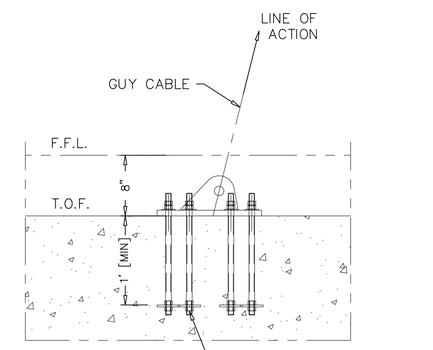
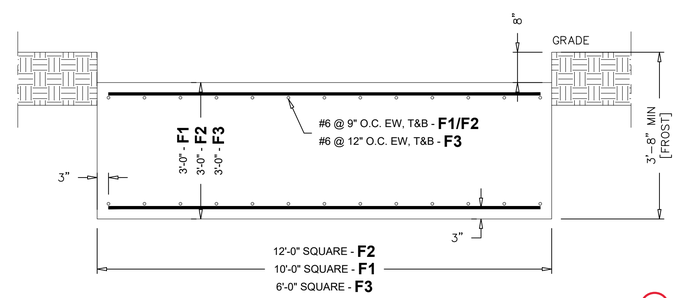
-



6 GUY CABLES
-
-

* – ALL ANCHOR BOLTS AND CONCRETE REINFORCING MATERIALS PROVIDED BY OTHERS



8 FOUNDATION SECTION
-
-

CONCRETE NOTES:

1. ALL CONCRETE WORK SHALL CONFORM TO ALL THE REQUIREMENTS OF A.C.I. 301 (LATEST EDITION), "SPECIFICATIONS FOR STRUCTURAL CONCRETE IN BUILDINGS".
2. CONCRETE FOR FOUNDATIONS AND SLAB-ON-GRADE SHALL BE NORMAL WEIGHT CONCRETE AND SHALL DEVELOP A COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
3. ALL DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS, UNLESS OTHERWISE NOTED, MUST FOLLOW THE LATEST ACI CODE AND THE LATEST ACI "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".
4. CONCRETE DESIGN MIX WILL BE SUBMITTED TO THE ENGINEER FOR REVIEW, TOGETHER WITH LABORATORY REPORTS ATTESTING THAT THE MIXES CAN ATTAIN THE MINIMUM STRENGTH REQUIRED IN ACCORDANCE WITH CHAPTER 5 OF ACI 301 (LATEST EDITION).
5. NO ADMIXTURES ARE PERMITTED WITHOUT THE ENGINEERS WRITTEN PERMISSION OTHER THAN ENTRAINED AIR. CONCRETE EXPOSED TO THE WEATHER, SUCH AS THAT USED IN FOUNDATION WALLS, SHALL CONTAIN 5% ±1% ENTRAINED AIR.
6. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60.
7. NO WELDING OF REINFORCING WILL BE PERMITTED.

NOTES:
1) MEMBRANE:
FERRARI TX30 TYPE III (3) WHITE TRANSLUCENT
2) STRUCTURE MATERIALS:
STEEL TUBE/PIPE, min 45ksi YIELD
PLATE, A572 Gr.50
3) TENSIONING MATERIALS:
PLATE, A572 Gr.50 MATERIAL, H.D.G. FINISH
PVC COATED GALVANIZED WIRE ROPE, S.S. THREADED END FITTINGS
4) FINISH:
FRAME: MACROPOXY/ACROLON
COLOR: T.B.D.

NO.	QTY.	PART DESCRIPTION	PART NO.

2

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE D
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
METRIC X = ± .X = ± .XX = ± ANG = ±
IMPERIAL X = ± .X = ± .XX = ± ANG = ± FRAC = ±

This drawing is the property of Tensile Structure Systems and needs to be treated as confidential. The drawing and the engineering information contained may not be reproduced in whole or in part, and may not be used in manufacturing or for design work, without the written approval from Tensile Structure Systems. Retention of this document shall constitute acceptance of these terms. If you were given this drawing or a copy without Tensile Structure Systems's consent, please delete this drawing or contact Tensile Structure Systems.

TITLE: FRENCH LANDING TENSILE
BASEPLATE LAYOUT / FOUNDATION
CUSTOMER:
SIZE: D | SCALE: N.T.S. | JOB #:
DRAWN: SH | APPROVAL: SF
WHERE USED / CODE:
REV: C | DWG. NO.: D1298-102
SHEET: 1 OF 1

300 EAST LOMBARD STREET, #840
BALTIMORE, MD 21202
PHONE: 1 410 532 8847
Tensileinc.com

Charter Township of Van Buren

Agenda Item_____

REQUEST FOR BOARD ACTION

MEETING DATE: MAY 4, 2021

New Business

ITEM (SUBJECT)	Consider Approval of Zambelli Fireworks Company for the 2021 VBT Fireworks Show and also for the Township Supervisor and Township Clerk to execute the contract.
DEPARTMENT	Parks and Recreation
PRESENTER	Jennifer Zaenglein, Parks and Recreation Interim Director
PHONE NUMBER	734-699-8921, 313-215-6314
INDIVIDUALS IN ATTENDANCE (OTHER THAN PRESENTER)	

Agenda topic

ACTION REQUESTED

1) Consider Approval of Zambelli Fireworks Company for the 2021 VBT Fireworks Show.
2) Township Supervisor and Township Clerk to execute the 2021 VBT Fireworks Show contract.

BACKGROUND – (SUPPORTING AND REFERENCE DATA, INCLUDE ATTACHMENTS)

Zambelli Fireworks Company was selected by the Van Buren Recreation Committee at their April 13, 2021 meeting as the vendor of choice for the 2021 Fireworks show. (Please see the attached Motion Extract.) Cost of 2021 Fireworks show is $10,000.

The selection was made by comparing the total number of individual fireworks or "shots" offered and also the number of shots per size measured in inches in diameter (Sizes ranged in "under 3 inches" to "6 inches" in diameter). Zambelli offered 362 more shots total and 46 more shots in the largest size quoted, 6 inches.

Zambelli has been the vendor for the annual Fireworks show for the last seven years (except for 2020 when the fireworks show was cancelled due to the Covid-19 pandemic.) They have proven to be a profession and dedicated company and have always delivered a fantastic show. Our 2021 Fireworks show is scheduled for June 26, 2021 at dusk with a rain date / postponement date of June 27, 2021.

In the attached contract, cancellation fees are noted as well additional fees if the rain or postponement date* is necessary. Please see the following:

ONCE WE SIGN THE CONTRACT, IF WE CANCEL: (Contract attached)
<u>If we cancel 61+ days before the performance date (from April 26th or earlier) we pay</u>:
10% + Additional 3rd party fees

<u>If we cancel 31-61 days prior (April 25th – May 26th), we pay</u>:
20% + Additional 3rd party fees

<u>If we cancel 5-31 days prior (May 27th – June 21st), we pay:</u>
30% + Additional 3rd party fees

<u>If we cancel less than 5 days prior (June 22nd – June 26th), we pay</u>:
50% + Additional 3rd party fees

* Postponement / Rain Date Fee – if the rain date of June 27, 2021 is needed, the township agrees to pay the set fee of $10,000 + 15% = $11,500.
** Additional 3rd Party Fees (Permits, Licensing, rental fees, towing, etc.)

BUDGET IMPLICATION	$10,000 to be expensed out of the Parks Contracted Services line item 101.718.819.000
IMPLEMENTATION NEXT STEP	Supervisor McNamara and Clerk Wright execute the contract.
DEPARTMENT RECOMMENDATION	Approval
COMMITTEE/COMMISSION RECOMMENDATION	The VBT Recreation Committee has recommended that the Township Board approves Zambelli as the sole vendor for the 2021 Fireworks Show.
ATTORNEY RECOMMENDATION	N/A
(May be subject to Attorney/Client Privilege and not available under FOIA)	
ADDITIONAL REMARKS	
APPROVAL OF SUPERVISOR	T. McNamara

Motion

*****

Belanger moved, Coleman seconded to approve Zambelli Fireworks Company as the fireworks provider the 2021 Fireworks show and authorize the Supervisor and Clerk to execute the agreement. Motion Carried

Yeas: Coleman, Willoughby, O'Neill, Belanger.
Nays:
Absent: Wall, Clerk Wright, Nofz.
Motion Carried

I hereby certify the foregoing is a true and correct copy of the motion made at the Recreation Committee meeting held on April 13, 2021

Jennifer Price
Recording Secretary

ZAMBELLI FIREWORKS MANUFACTURING CO.

THIS CONTRACT AND AGREEMENT (this "Contract") is made effective as of this 15th day of April 2021, by and between:

Zambelli Fireworks Manufacturing Co. of Warrendale, Pennsylvania (hereinafter referred to as "Zambelli"),

-AND-

Charter Township of Van Buren of Belleville, MI (hereinafter referred to as "Client").

WHEREAS, Zambelli is in the business of designing and performing exhibitions and displays of fireworks; and

WHEREAS, Client desires that Zambelli provide an exhibition and display of fireworks for Client's benefit pursuant to the terms and conditions hereof, and Zambelli desires to perform an exhibition and display of fireworks for Client's benefit pursuant to the terms and conditions hereof.

NOW, THEREFORE, in consideration of the mutual agreements herein contained:

Zambelli, intending to be legally bound, agrees as follows:

1. Zambelli agrees to sell, furnish and deliver to Client a fireworks display [per the program submitted by Zambelli to Client, accepted by Client and made a part hereof] (hereinafter referred to as the "Display") to be exhibited on the display date set forth below (hereinafter referred to as the "Display Date"), or on the postponement date set forth below [if the Display is postponed as provided herein], (hereinafter referred to as the "Postponement Date") which Display Date and Postponement Date have been agreed upon at the time of signing this Contract.

   Display Date: June 26, 2021 **Postponement Date: June 27, 2021**

2. Zambelli agrees to furnish the services of display technicians (hereinafter referred to as "Display Technicians") who are sufficiently trained to present the Display. Zambelli shall determine in its sole discretion the number of Display Technicians necessary to take charge of and safely present the Display.

3. Zambelli agrees to furnish insurance coverage in connection with the Display for bodily injury and property damage, including products liability, which insurance shall include Client as additional insured regarding claims made against Client for bodily injury or property damage arising from the operations of Zambelli in performing the Display provided for in this Contract. Such insurance afforded by Zambelli shall not include claims made against Client for bodily injury or property damage arising from failure of Client, including through or by its employees, agents and independent contractors, to perform its obligations under this Contract, including without limitation those set forth in paragraphs 6 and 7 below. Client shall indemnify and hold Zambelli harmless from all claims and suits made against Zambelli for bodily injury or property damage arising from failure of Client, including through or by its employees, agents and independent contractors, to perform its obligations under this Contract, including without limitation those set forth in paragraphs 6 and 7 below. Zambelli furnished insurance exposure in connection with the subject Display is not subject to deviation. Should client request any scale of modification; corresponding fee(s) to accommodate shall not be borne by Zambelli.

Client, intending to be legally bound, agrees as follows:

4. Client agrees to pay Zambelli the sum of **$10,000**(hereinafter referred to as the "Purchase Price"), fifty percent (50%) of which is due upon signing this Contract and the balance of which is due at noon three (3) days prior to the Display Date. Zambelli reserves the right to add to Client's invoice an equitable transportation surcharge in the event of any material increase in transportation costs (including the cost of fuel and third party shipping costs) to Zambelli after the date of this Contract. In addition, Client agrees to pay a postponement fee of fifteen percent (15%) of the Purchase Price plus Additional Third Party Charges (as defined in paragraph 11 below) if the Display is fired on the Postponement Date, or twenty-five percent (25%) of the Purchase Price plus Additional Third Party Charges if the Display is fired on a date other than the Display Date or the Postponement Date ("Alternate Date"). The Alternate Date must occur within six months of the original Display Date at a time agreeable to both Zambelli and the Client. Generally, Alternate Dates will not include the period from June 28th through July 7th. Checks shall be made payable to Zambelli Fireworks Manufacturing Co., unless otherwise authorized in writing by Zambelli. NO CASH shall be paid to any agent or employee of Zambelli, unless otherwise authorized in writing by Zambelli. There shall be no refund of the Purchase Price due and payable under this paragraph 4, except as specifically provided in paragraph 11 below.

5. Client agrees to meet all deadlines including but not limited to the following:

   (a) Client must select a suitable place for the Display, including a firing and debris zone reasonably acceptable to Zambelli (hereinafter referred to as the "Display Area") and submit such selection to Zambelli no later than sixty (60) days prior to the Display Date. The Display Area shall adhere to or exceed applicable National Fire Protection Association ("NFPA") standards including the Zambelli guideline that the Display Area have a radius of at least 100 feet per inch (or as mutually agreed to between Zambelli and Client) of the largest diameter pyrotechnic from the firing site in all directions to any parking area, spectators, inhabited buildings, public roads, or active railroad. Client shall submit a site map (attached hereto as Exhibit A) to Zambelli accurately representing the physical characteristics of the Display Area as pertains to NFPA and Zambelli guidelines. The content of the Display may be limited by the selection of the Display Area due to the requirement to provide sufficient safety zones.

   (b) Zambelli will secure all permits necessary for the Display as required, including but not limited to police, local, state and United States Coast Guard ("USCG") permits, and arrange for any security bonds or insurance as required by law. Client will assist Zambelli when appropriate in completing permit applications.

   (c) If the Display is choreographed to music, the final selection of the music must be submitted to Zambelli by Client no later than ninety (90) days prior to the Display Date.

6. If, in its sole discretion, Client designates an area for members of the public to view the Display (hereinafter referred to as the "Spectator Area") or an area for vehicular parking (hereinafter referred to as the "Parking Area"), Client shall (a) ensure that the Spectator Area does not infringe on the Display Area, (b) have sole responsibility for ensuring that the terrain of the Spectator Area and any structures thereon, including but not limited to grandstands and bleachers are safe for use by spectators, (c) have sole responsibility for ensuring that the Parking Area is safe for use, (d) have sole responsibility to police, monitor and appropriately control spectator access to the Spectator Area and the Parking Area and police, monitor and appropriately control the behavior of persons in these areas. It is expressly agreed that Zambelli shall not inspect any area other than the Display Area, except to ensure that any Spectator or Parking Areas are outside the Display Area.

7. Prior to, during, and immediately following the Display, Client shall monitor the Display Area and will be solely responsible to keep all persons and property not authorized by Zambelli out of the Display Area and behind safety zone lines and limits.

8. Following the Display, Client shall be solely responsible for policing of the Display Area and for cleanup except as specifically provided in the sentence immediately following. Zambelli shall be responsible for the removal of unexploded fireworks and the cleanup of material debris, the removal of frames, sets and lumber from the Discharge Area, and the refilling of holes created by Zambelli or on behalf of Zambelli within the Discharge Area.

9. Client will include a direct reference to "Zambelli Fireworks" in all promotional material, including but not limited to event schedules; radio, television, newspaper and internet announcements; newspaper articles; and other media.

The parties, intending to be legally bound, mutually agree as follows:

10. It is agreed and understood by the parties hereto that should inclement weather prevent firing of the Display on the Display Date, as determined by the Authority Having Jurisdiction (as defined in paragraph 14 below) or as reasonably determined by Zambelli, then the program shall be postponed and fired on the Postponement Date. If there is no Postponement Date and the Display is not fired on the Display Date, or if inclement weather prevents firing of the Display on the Postponement Date, as determined by the Authority Having Jurisdiction or as reasonably determined by Zambelli, the Display will be cancelled and Client will pay to Zambelli, 50% of the Purchase Price, less any Deposit paid prior to the Display Date.

11. Client's cancellation of the Display will only be effective upon receipt by Zambelli of a written notice from an authorized person representing Client. In the event of cancellation of the Display, the parties agree as follows:

    (a) If Client cancels the Display more than sixty-one (61) days prior to the Display Date, Client agrees to pay Zambelli a cancellation fee equal to ten percent (10%) of the Purchase Price plus Additional Third Party Charges, as defined below.

(b) If Client cancels the Display from thirty-one (31) to sixty (60) days prior to the Display Date, Client agrees to pay Zambelli a cancellation fee equal to twenty percent (20%) of the Purchase Price plus Additional Third Party Charges, as defined below.

(c) If Client cancels the Display from five (5) to thirty (30) days prior to the Display Date, Client agrees to pay Zambelli a cancellation fee equal to thirty percent (30%) of the Purchase Price plus Additional Third Party Charges, as defined below.

(d) If Client cancels the Display less than five (5) days prior to the day of the Display, Client agrees to pay Zambelli a cancellation fee equal to fifty percent (50%) of the Purchase Price plus Additional Third Party Charges, as defined below.

(e) "Additional Third Party Charges" shall mean all costs and expenses incurred by Zambelli and paid or payable to third parties in connection with the Display, including but not limited to security fees, permits and licensing fees and expenses, barge and tow expenses, and firewatch fees.

12. Zambelli reserves the exclusive right to make minor modifications and substitutions to the Display, provided that such changes are reasonable and necessary and do not materially, adversely affect price, time of delivery, functional character or performance of the Display.

13. It shall be within Zambelli's and/or the Authority Having Jurisdiction's discretion to terminate the firing of the Display if any unsafe or unsuitable condition is identified. If such condition is not corrected, Zambelli may cancel the Display without further liability to Client for such cancellation.

14. The parties agree to cooperate with the regulatory authorities having jurisdiction over the Display, including, but not limited to local fire and police departments, the Bureau of Alcohol, Tobacco, Firearms and Explosives, the Department of Transportation, the Department of Homeland Security, and the USCG (any such authority having jurisdiction over the Display is sometimes referred to herein as, the "Authority Having Jurisdiction"). The parties acknowledge that such governmental regulatory authorities having jurisdiction over the Display have the right to prohibit the Display until unsafe or unsuitable conditions are corrected.

15. This contract shall be deemed made in the Commonwealth of Pennsylvania and shall be construed in accordance with the laws of the Commonwealth of Pennsylvania, excluding its conflict of law rules. The parties agree and consent to the jurisdiction of the courts of the Commonwealth of Pennsylvania and the Federal District Court for the Western District of Pennsylvania to decide all disputes regarding this Contract.

16. If Client becomes bankrupt or insolvent, or if a petition in bankruptcy is filed by or against Client or if a receiver is appointed for Client, Zambelli may refuse to perform under this Contract and may terminate this Contract without prejudice to the rights of Zambelli. If Client's financial condition becomes unsatisfactory to Zambelli, Zambelli may require that Client deposit the balance of the Purchase Price in escrow or provide sufficient proof of its ability to pay the balance of the Purchase Price.

17. Except to the extent, if any, specifically provided to the contrary herein, in no event shall Zambelli be liable to Client for any indirect, special, consequential, incidental or punitive damages or lost profits, however caused and on any theory of liability (including negligence of any kind, strict liability or tort) arising in any way out of this contract, whether or not Zambelli has been advised of the possibility of damages.

18. If Client fails to pay the monies due under this Contract, Zambelli is entitled to recover the balance due plus interest at one and one-half percent (1 ½ %) per month on amounts past due sixty (60) days or more. Further, on balances outstanding one hundred twenty (120) days or more, Zambelli is entitled to recover the balance due, plus accrued interest, plus attorneys fees of ten percent (10%) of the amount past due, plus court costs, or, if less, the maximum amount permitted by law.

19. This Contract shall not be construed to create a partnership or joint venture between the parties or persons mentioned herein.

20. Each party hereunder shall be excused for the period of delay in the performance of any of its obligations hereunder and shall not be liable for failure to perform or considered in default hereunder, when prevented from so performing by a cause or causes beyond its reasonable control, including but not limited to fire, storm, earthquake, flood, drought, accident, explosion, operation malfunction, or interruption, strikes, lockouts, labor disputes, riots, war (whether or not declared or whether or not the United States is a member), Federal, state, municipal or other governmental legal restriction or limitation or compliance therewith, failure or delay of transportation, shortage of,

or inability to obtain materials, supplies, equipment, fuel, power, labor or other operational necessity, interruption or curtailment of power supply, or act of God, nature or public enemy.

21. This Contract constitutes the sole and entire understanding of the parties with respect to the matters contemplated hereby and supersedes and renders null and void all prior negotiations, representations, agreements and understandings (oral and written) between the parties with respect to such matters. No change or amendment may be made to this Contract except by an instrument in writing signed by each of the parties.

22. Notices, consents, requests or other communications required or permitted to be given by either party pursuant to this Contract shall be given in writing by first class mail, postage prepaid addressed as follows: if to Zambelli, to the address set forth below; if to Client, to 46425 Tyler Rd, Van Buren Twp., MI 48111.

23. This Contract may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together shall be deemed to be one and the same instrument. The exchange of copies of this Contract and of signature pages by facsimile transmission shall constitute effective execution and delivery of this Contract as to the parties and may be used in lieu of the original Contract for all purposes. This Contract and all the rights and powers granted by this Contract shall bind and inure to the benefit of the parties and their respective successors and assigns.

24. _____

_____

IN WITNESS WHEREOF, we set our hands and seals to the agreement in duplicate the day and year first above written.

FOR Client:

BY_____
date

_____
Printed Name and Title

FOR: Zambelli Fireworks Manufacturing Co.

BY_____
date

_____
Printed Name and Title

Please sign contract where indicated for Client and return all copies for final acceptance to:

Zambelli Fireworks Manufacturing Co.
120 Marshall Drive
Warrendale, PA 15086
724-658-6611 800-245-0397 FAX 724-658-8318

ZAMBELLI FIREWORKS MANUFACTURING CO.

Contract Addendum

COVID-19—Display Cancellation/Postponements

This addendum will amend the original contract dated **April 15, 2021** between **Charter Township of Van Buren of Belleville, MI** and **Zambelli Fireworks.**

Because of continued uncertainty regarding COVID-19, Zambelli Fireworks will implement the following terms regarding 2021 displays:

- **Per contract**, a 2021 display, unless contracted otherwise, will require a 50% deposit.
- **A COVID- caused cancellation prior to 30-days** of a display will not result in the contractual cancellation/postponement fees identified in the contract.
    - Exceptions include reimbursement for possible expenses (barge rental/truck rental etc.) that are communicated requiring a timelier notification as agreed between the customer and Project Manager.
    - The deposit will be retained by Zambelli Fireworks to be used for either a 2021 postponement date or for a rescheduled display in 2022. If an exception is required, the Project Manager will work with the Client to resolve amicably.
- **Cancellation WITHIN 30-days of the display date** will revert to the terms of the original contract. Project Managers will work in a congenial manner to minimize the potential for these expenses including agreement to implement a 2021 or 2022 postponement. IF not possible, cancellation fees will be deducted from the deposit.
- **Section 20 of the contract** details the items that may require use of the force majeure exception from either party having to comply with other terms of the contract. For both parties, this addendum specifically recognizes that circumstances resulting from disruptions due to the Coronavirus pandemic are also potential force majeure items.

This addendum is made effective as of the date of signature by both parties. All other terms and conditions of the current contract agreement shall apply to this addendum.

FOR: **Client**

BY_____

(Date)

_____

Printed Name and Title

FOR: **Zambelli Fireworks Manufacturing**

BY _____

(Date)

_____

Printed Name and Title

Zambelli Fireworks Mfg. Co.
120 Marshall Drive
Warrendale, PA 15086
724-658-6611 www.zambellifireworks.com (Fax) 724-658-8318

2021 Communication Sheet

Communications Sheet must be completed in its entirety each year. ***Our insurance carrier requires a newly completed form each year.*** A Zambelli representative will use this sheet to contact you.

Customer Information		Show Information	
Customer Name		Show Date	
Address		Rain Date	
City, State, Zip		Time of Show	
		Duration of Show	
Firing Site Location		**Storage Site Location**	
Description		Description	
Site contact Name		Site Contact Name	
Phone Number		Phone Number	
Address		Address	
City, State, Zip		City, State, Zip	
Contact Person		**Alternate Contact #1**	
Name		Name	
Title		Title	
Address		Address	
City, State, Zip		City, State, Zip	
Home Phone Number		Home Phone Number	
Office Number		Office Number	
Cell Number		Cell Number	
E-Mail		E-Mail	
Alternate Contact #2		**Day of Show Contact**	
Name		Name	
Title		Title	
Address		Address	
City, State, Zip		City, State, Zip	
Home Phone Number		Home Phone Number	
Office Number		Office Number	
Cell Number		Cell Number	
E-Mail		E-Mail	

Suggested Routing from New Castle:

Zambelli Fireworks Mfg. Co.
120 Marshall Drive
Warrendale, PA 15086
724-658-6611 www.zambellifireworks.com (Fax) 724-658-8318

2021 Required Insurance Requisition Form

Customer Name _____
Address _____
City _____ State _____ Zip _____
Display Date _____ Rain Date _____
_____ Display Duration _____
Location of Display _____
City _____ State _____ Zip _____

Name all Additional Insured

_____
_____
_____
_____
_____
_____
_____
_____
_____

Name & Address of Display Site Property Owner

_____
_____
_____

Certificate to be issued to: _____
Address _____
City _____ State Zip
Title Phone

*** This form must be returned with your signed contract in order for the insurance certificate to be processed. Our insurance company requires that we have this form in addition to the signed contract prior to the certificate being issued.**

Zambelli Fireworks
120 Marshall Drive
Warrendale, PA 15086
724-658-6611 www.zambellifireworks.com (Fax) 724-658-8318

2021 REQUIRED DIAGRAM AND FIRING SITE INFORMATION

*Our goal is to provide you with the **BEST** possible display for your event dollar, under the safest conditions.*

It is a requirement of our Insurance Carrier and the authority having jurisdiction that a SCALE firing site diagram or aerial photograph be provided showing accurate distances in **ALL DIRECTIONS** to buildings, spectators, parking and bulk storage facilities, as well as roadways and highways that will remain open during the fireworks presentation. The scale firing site diagram or aerial photograph must clearly indicate the safety zone lines and limits that have been established for this program. An approved SCALE firing site diagram could be kept on file for future reference! Insurance Certificates will not be processed unless an approved firing site diagram or aerial photograph has been submitted.

Please use the following checklist to assist you in submitting your map or diagram. If an item is not applicable to your situation, please insert N/A.

Distances from the firing site to the following:

1) Spectators/Audience/Viewing Area _____Feet

2) Parking Areas _____Feet

3) Occupied Buildings: (Residents) _____Feet

4) Public Buildings: (Schools, Churches, Hospitals Correctional Facilities, Etc.) _____Feet

5) Fuel Pumps/Storage, Explosive/Toxic Material Storage (Gasoline Stations, Refineries, Etc.) _____Feet

6) Temporary Event Set-ups: (Tents, Carnival Rides, Concession Stands, Etc.) _____Feet

7) Highways, Roads, Streets, Etc. _____Feet

8) Overhead Obstructions: (Power Lines, Lighting, Etc.) _____Feet

9) Active Railroads _____Feet

10) Operating airports _____Nautical Miles

Firing Site Location Coordinates
Firing Site Location Latitude: _____ **(North**
Firing Site Location Longitude: _____ **(West)**

_____ _____
Signature Title

_____
Date

SAFE SHOWS ARE A RESULT OF PROPER PLANNING!