

**CITY OF BERKLEY PUBLIC NOTICE
ELECTRONIC CITY COUNCIL MEETING
7:00 P.M. MONDAY, NOVEMBER 16, 2020
248-658-3300**

**CALL 38th COUNCIL TO ORDER
APPROVAL OF AGENDA
INVOCATION — PASTOR ADAM GROH
PLEDGE OF ALLEGIANCE
PUBLIC COMMENT — ITEMS ON THE AGENDA
ORDER OF BUSINESS**

Consent Agenda

1. **APPROVAL OF THE MINUTES:** Matter of approving the minutes of the 38th Regular City Council Meeting on [Monday, October 19, 2020](#).
2. **WARRANT:** Matter of approving [Warrant No. 1356](#).
3. **ORDINANCE NO. O-15-20:** Matter of considering the Second Reading and Adoption of an Ordinance of the City Council of the City of Berkley, Michigan to [Add New section 138-226 to Chapter 138, Zoning](#), of the City of Berkley Zoning Ordinance to Allow Parking Requirement Modifications During Site Plan Review.
4. **ORDINANCE NO. O-16-20:** Matter of considering the Second Reading and Adoption of an Ordinance of the City Council of the City of Berkley, Michigan to [Amend Division 7 of Article VI of Chapter 138, Zoning](#), of the City of Berkley Code of Ordinances to Modify Site Plan Review Procedure.

Regular Agenda

1. **RESOLUTION NO. R-41-20:** Matter of adopting rules for [electronic meetings](#).
2. **MOTION NO. M-63-20:** Motion to authorize the City Manager to enter into an Ambulance Service [Agreement between City of Berkley and Alliance Mobile Health](#). In consideration of the services to be performed by the Ambulance Service under this Agreement, the City shall pay the Ambulance Service for the term of this Agreement the sum of one dollar (\$1.00) annually. This Agreement shall be effective for a term commencing 7:00 AM December 1, 2020 for a three-year term ending 6:59 AM December 1, 2023.
3. **MOTION NO. M-64-20:** Matter of authorizing the purchase 12 Motorola APX6000XE Public Safety Portable Radios, 12 XE Remote Speaker Microphones, 12 Single Unit Impress 2 Battery Chargers, 1 APX6500 "Dual Control Head" Mobile Radio with installation, and 13 Permanent Mount Vehicular Battery Chargers with Installation from [ComSource, Inc., 41271 Concept Dr., Plymouth, MI 48170](#) at a price not to exceed \$84,134.85 from the "Radio Equipment" Account #101-310-984-000. This purchase will be made from the State of Michigan's Extended Purchasing Program (MiDEAL) Contract #190000001544.
4. **MOTION NO. M-65-20:** Matter of authorizing the City Manager to sign the Application for Additional [Service Credit Purchase](#) for Mark Pollock approving two years of additional service credit. This service credit purchase is allowed by the City of Berkley MERIT System of Human Resource Management Section 1001.08 and meets all of the requirements of the MERS Plan Document which would allow for this service credit purchase.
5. **ORDINANCE NO. O-17-20:** Matter of considering the First Reading of an Ordinance of the Council of the City of Berkley, Michigan [Amending Section 138-222 of Division 1 of Article IV of Chapter 138, Zoning](#), Of the City of Berkley Code of Ordinance to Permit Permeable Pavement for Parking Areas.
6. **PUBLIC HEARING:** Matter of conducting a public hearing to receive public comments on the request by the developer, 2219 Coolidge LLC, to establish a Commercial Rehabilitation District, in accordance with PA210 of 2005, as amended, in the City of Berkley to include Parcels # 25-18-431-030, 25-18-431-031, and 25-18-431-032, for the purpose of redeveloping the La Salette school for multi-family housing.

7. **RESOLUTION R-42-20:** Matter of considering a resolution to establish a [Commercial Rehabilitation](#) District, in accordance with PA 210 of 2005, as amended, to include Parcels # 25-18-431-030, 25-18-431-031, and 25-18-431-032, for the purpose of redeveloping the La Salette school for multi-family housing.
8. **PUBLIC HEARING:** Matter of conducting a public hearing to receive public comments on the Brownfield Plan, in accordance with PA 381 of 1996, as amended, that includes Parcels # 25-18-431-030, 25-18-431-031, and 25-18-431-032, for the purpose of redeveloping the La Salette school for multi-family housing.
9. **RESOLUTION R-43-20:** Matter of considering a resolution to approve [the Brownfield Plan](#) in accordance with PA 381 of 1996, as amended, that includes Parcels # 25-18-431-030, 25-18-431-031, and 25-18-431-032, for the purpose of redeveloping the La Salette school for multi-family housing.

PUBLIC COMMENT — ITEMS NOT ON THE AGENDA

COMMUNICATIONS

10. **CLOSED SESSION:** Matter of considering whether to meet in closed session to consult with the City's attorneys regarding trial or settlement strategy in connection with specific pending litigation, namely, *Doot and Dohnke v Berkley*, Oakland County Circuit Court Case no. 2017-157459-NZ, and *Jacob v Berkley*, Oakland County Circuit Court Case no. 2019-178474-NZ.

ADJOURN

NOTE: TO JOIN THE ELECTRONIC MEETING, VISIT <HTTPS://berkleymich.ZOOM.US/J/94929846645> OR CALL 1-312-626-6799. THE MEETING ID IS 949 2984 6645.

The City of Berkley is hosting electronic meetings in cooperation with the Michigan Open Meetings Act, as amended. The City of Berkley will provide necessary reasonable auxiliary aids and services to individuals with disabilities at the meeting upon four working days' notice to the City. Individuals with disabilities requiring auxiliary aids or services should contact the City by writing or calling: Victoria Mitchell, ADA Contact, Berkley City Hall, 3338 Coolidge Highway, Berkley, MI 48072 (1-248-658-3310).

THE ELECTRONIC REGULAR MEETING OF THE THIRTY-EIGHTH COUNCIL OF THE CITY OF BERKLEY, MICHIGAN WAS CALLED TO ORDER AT 7:00 PM ON MONDAY, OCTOBER 19, 2020 BY MAYOR TERBRACK

PRESENT: Steve Baker Jack Blanchard
 Bridget Dean Ross Gavin
 Dennis Hennen Natalie Price
 Daniel Terbrack

APPROVAL OF AGENDA: Councilmember Baker motioned to approve. Seconded and supported by councilmember Blanchard

Ayes: Blanchard, Dean, Gavin, Hennen, Price, Baker, and Terbrack

Nays: None

Motion Approved.

INVOCATION: Deacon Daniel Darga

PUBLIC COMMENT - ITEMS ON THE AGENDA

No Comments.

Consent Agenda

Councilmember Gavin moved to approve the following Consent Agenda, seconded by Mayor Pro Tem Dean:

APPROVAL OF THE MINUTES: Matter of approval of the minutes of the 38th regular city council meeting on Monday, September 21, 2020.

WARRANT: Matter of approving Warrant No. 1355.

MOTION NO. M-57-20: Matter of approving the 2020-2021 Winter Maintenance Agreement between the Road Commission for Oakland and the City of Berkley. City will be reimbursed a total of \$11,170.05, paid in two installments of \$5,585.03 in December 2020 & March 2021.

PROCLAMATION NO. P-15-20: Matter of proclaiming Oct 2020 as Berkley Area Chamber of Commerce Month.

PROCLAMATION NO. P-16-20: Matter of proclaiming Oct 2020 as Cybersecurity Awareness Month

Ayes: Dean, Gavin, Hennen, Price, Baker, Blanchard, and Terbrack

Nays: None

Motion Approved.

Regular Agenda

PRESENTATION NO. 1: Matter of receiving the Genisys Credit Union Spirit of Main Street Grant presentation to Susan Rogal, rep. of The Fresh Collective Kitchen & Mkt.

John Fry program coordinator for Main Street Oakland County, Theresa Doan Genesis Credit Union

The DDA applied for a grant through Genesis at Main Street Oakland and it was accepted. The DDA was presented a check of \$2,100, and Genesis is impressed with the market plans to do with the money being presented.

Questions/Comments from presentation:

Mayor Pro Tem Dean: Congratulations to Susan and the Fresh Collective Kitchen and Market, always exciting when new businesses open in Berkley. Wish you nothing but the best and much success. Thank you, Jennifer, for the hard work and directing the DDA. Also, a thank you to Main Street Oakland and Genesis

Councilmember Baker: proud to help celebrate and recognize all the great work that went into this. This is a great sign for our downtown as we continue to find creative ways to move forward safely and thoughtfully. Congratulations to everyone.

RESOLUTION NO. R-37-20: Matter of designating Saturday Dec. 5, 2020 for the Annual Holiday Parade and Tree Lighting Ceremony in Berkley.

Councilmember Gavin moved to approve R-37-20.

Seconded by Councilmember Hennen.

Ayes: None.

Nays: Gavin, Hennen, Price, Baker, Blanchard, Dean, Terbrack.

Motion Failed.

MOTION NO. M-58-20: Matter of appointing a hearing officer for marihuana business license application appeals.

Councilmember Price motioned to approve M-58-20.

Seconded by Councilmember Baker.

Ayes: Hennen, Price, Baker, Blanchard, Dean, Gavin, Terbrack.

Nays: None.

Motion Approved.

MOTION NO. M-59-20: Matter of approving the purchase of a 2021 John Deere Backhoe with attachments and a 2021 John Deere Gator with attachments at a total cost of \$158,964.69. Utilizing the MiDEAL Cooperative Bid Purchasing Program. Councilmember Blanchard motioned to approve M-59-20. Seconded by councilmember Gavin. Ayes: Price, Baker, Blanchard, Dean, Gavin, Hennen, Terbrack Nays: None Motion Approved.

MOTION NO. M-60-20: Matter of authorizing the Mayor to execute a contract between SMART and the City of Berkley for Fiscal Year 2021 for CARES ACT FUNDING for the period of Jan. 20, 2021 - June 30, 2021. Mayor Pro Tem Dean motioned to approve M-60-20. Seconded by Councilmember Hennen. Ayes: Baker, Blanchard, Dean, Gavin, Hennen, Price, Terbrack. Nays: None. Motion Approved.

MOTION NO. M-61-20: Matter of authorizing the Mayor to Execute a contract between SMART and the City of Berkley for Fiscal Year 2021 for Municipal Credit & Community Credit funds to provide public transportation. Councilmember Price motioned to approve M-61-20. Seconded by Councilmember Baker. Ayes: Blanchard, Dean, Gavin, Hennen, Price, Baker, Terbrack. Nays: None. Motion Approved.

RESOLUTION NO. R-38-20: Matter of approving a resolution to rename Oxford Towers Park to Friends Park. Mayor Pro Tem Dean motioned to approve R-38-20. Seconded by Councilmember Blanchard. Ayes: Dean, Gavin, Hennen, Price, Baker, Blanchard, Terbrack. Nays: None Motion Approved.

RESOLUTION NO. R-39-20: Matter of approving a resolution requisition reallocation of assets. Councilmember Baker motioned to approve R-39-20. Seconded by Councilmember Hennen. Ayes: Gavin, Hennen, Price, Baker, Blanchard, Dean, Terbrack. Nays: None. Motion Approved.

MOTION NO. M-62-20: Matter of approving casting Berkley's official vote for the following to serve as a Director on the Board of Directors for the MML Liability and Property Pool and directing the City Clerk to send in the marked ballot.

Councilmember Baker motioned to approve M-62-20.

Councilmember Blanchard seconded.

Ayes: Hennen, Price, Baker, Blanchard, Dean, Gavin, Terbrack.

Nays: None.

Motion Approved.

ORDINANCE NO. O-15-20: Matter of considering the first reading of an Ordinance of the City Council of the City of Berkley to add New Section 138-226 to Ch. 138, Zoning, of the City of Berkley Zoning Ordinance to allow parking requirement modifications during site plan review. Councilmember Gavin motioned to approve O-15-20.

Mayor Pro Tem Dean seconded.

Ayes: Price, Baker, Blanchard, Dean, Gavin, Hennen, Terbrack.

Nays: None.

Motion approved.

ORDINANCE NO. O-16-20: Matter of considering the first reading of an ordinance of the City Council of the City of Berkley to Amend Division 7 of Article VI of Ch. 138, Zoning, of the City of Berkley Code of Ordinances to Modify Site Plan Review Procedure.

Councilmember Hennen motioned to approve O-16-20.

Councilmember Baker seconded.

Ayes: Baker, Blanchard, Dean, Gavin, Hennen, Price, Terbrack.

Nays: None.

Motion Approved.

RESOLUTION NO. R-40-20: Matter of considering a resolution to extend approvals of site plan special land use, variances, etc., that were reviewed and approved by the Planning Commission and Zoning Board of Appeals due to COVID delays.

Mayor Pro Tem Dean motioned to approve R-40-20.

Councilmember Gavin seconded.

Ayes: Blanchard, Dean, Gavin, Hennen, Price, Baker, Terbrack.

Nays: None.

Motion Approved.

PUBLIC COMMENT - ITEMS NOT ON THE AGENDA

Sherry Wells, has an appreciation for various things about Berkley, and has enjoyed Berkley being a good place for meetings and the community being active with recycling.

Presentation: Done by Annika Gunoris liaison for Berkley through the Main Street Oakland County Program presenting Berkley's Accreditation with DDA. Berkley is one of twelve select

level main street organizations, which gives Berkley additional resources such as some of the grants presented earlier from Genesis and Flagstar, as well as additional services.

The Accreditation certificate was shown earlier. Thank you to Berkley for being a part of and supporting the main street organization, and look forward to working with Berkley in the future.

COMMUNICATIONS

MAYOR PRO TEM DEAN: Berkley/Royal Oak high risk response team had a hybrid meeting on Oct. 14th, establishing best practices for combined court, discussed the referral process with respect to each city's public safety departments. The next team meeting is November 25th. Very encouraged by the effort and support the team has been receiving from both cities.

The Michigan Municipal League Convention was held virtually September 29th through October 2nd. The two sessions that stood out were, one was reopening for business the future of main street. Commending Berkley chamber and DDA for doing all the right steps already and being able to pivot and explore other possibilities for the downtown businesses.

Had the privilege to moderate best practices for parks and recreation under COVID-19 and Director McGarleton is doing all the right things and following the latest guidelines for safety. It is affirming to hear how forward thinking Berkley is and how on top of things we are.

The community center is now open and masks are required to enter the building. Classes are limited, not only the offerings but the size of the classes are being limited. For more information about classes you may visit the parks and recreation website or you can call. Two outdoor Halloween events are being offered. One is the Halloween parade which is sold out which will be October 22nd. Trunk or Treat at Berkley Boo-tacular is on October 30th, and is being held in conjunction with Berkley parks and recreation and the Berkley Junior Women's group. Stay up to date with future events and programs on the City's Facebook page, as well as the Parks and Recreation Facebook page.

COUNCILMEMBER HENNEN: No update from the tree board. From the Zoning Board of Appeals, Alpha Automotive, was allowed to update a non-conforming sign they had. Strategic Energy Solutions was allowed to put a mural on their building but was denied a request for a non-conforming sign.

If you haven't already get out there and vote.

COUNCILMEMBER GAVIN: Attended the virtual MML conference and sessions on public safety, building community wealth, legislative updates, adapting to Michigan's changing climate.

Updates from planning commission what was discussed in tonight's meeting was what was covered in the last meeting we held, continuing to receive updates on master plan progress and the next Meeting will be October 27th at 7pm.

The environmental advisory board did not have a meeting in October, the next meeting will be November 19th at 6:30pm.

The next Master Plan steering committee meeting will be October 20th at 7pm.

Don't forget to vote.

COUNCILMEMBER BAKER: The Technology Advisory Committee is scheduled to meet this Wednesday at 6:30pm virtually and the link is online. October is cyber security awareness month. The campaign for this is called Stop, Think, Connect and it reminds us about the risks we take when we link different systems together.

Downtown Development Authority (DDA) gathered last Wednesday the 14th and we did not have enough people for quorum during that time of zoom meetings weren't okay to do. Had great conversations about the wayfinding signs and we will be getting those up later in November and December. Sad update about the Berkley Plaza Project on Coolidge, the bids came in way over than what was expected and the board is going to re-evaluate in the spring and see what project would come within budget.

The historical committee, the museum is now open on Wednesdays from 10am to 1pm. Masks will be requested to be worn. Want to thank DPW with all their help with the old street sign fundraiser, and bringing them to the museum, and the volunteers on the historical committee. The new holiday mug is available at the museum and the City Clerk's Office.

COUNCILMEMBER PRICE: Thank you to the city staff especially those who are working so hard to facilitate a safe and secure election process.

Our library continues to offer curbside pickup and home delivery of items as well as digital resources and virtual events for all ages.

Congratulations to the regular members of the Tuesday afternoon book club who recently celebrated their 25th anniversary of monthly meetings.

The beautification committee will be planting hydrangeas at the newly renamed friends park on Wednesday, social distancing and masks will be required for that activity.

The citizens engagement advisory committee recently updated its mission, values, and duties. More details can be found under boards and commission on the city's website.

Stay safe and vote.

COUNCILMEMBER BLANCHARD: The chamber of commerce magazine which came out about a year ago with their first issue will be coming out again this October. Featuring lists and articles about local businesses and lists all the chamber members and much publicity for local

businesses. The chamber is also involved with the State of the City which will be October 29th at 4pm, it is a virtual state of the city this year.

Trick-or-treating hours start at 6pm, be sure to talk to your children about safety and social distancing guidelines and expectations.

CITY MANAGER BAUMGARTEN: City hall reopened on October 6th, thank you to our visitors of being mindful of the new rules and regulations in place.

Thank you to the MML for making sure we can have these meetings virtually, and making sure that senate staff was able to quickly accommodate the signing of this bill.

CITY CLERK MITCHELL: November 3rd is the General Election, to date we have issued 6,748 absentee ballots and we have received about 3,200 ballots back. If you do have your absentee ballot completed please drop that off at the City Clerk's Office, the drop box outside city hall, and we also have a drop box outside the community center. All seven precincts will be open on election day from 7am until 8pm. Additionally, our additional evening office hours were a success and we will be moving into our additional Saturday hours from 9am until 3pm this Saturday, October 24th and 8:30am until 4:30pm on October 31st. If you have any questions regarding voting call us at 248-658-3310 or you can find information and documents at berkleymich.org/vote

CITY ATTORNEY CHRIST: No report.

MAYOR TERBRACK: Reinforce the guidelines for Halloween safety this year.

Treat others with respect, especially if they have differing opinions from your own and especially on social media.

Support your candidates, and don't hurl insults just because somebody has a different opinion than you and if you haven't voted as you have heard, please do so on or before November 3rd.

Finally, the school board will be discussing plans for transitioning back to in-person instruction as you know. Want to thank the superintendent, administrative staff, and the school board for their handling of what essentially is a no-win situation, but making decisions based on data and science to keep children and educators safe.

ADJOURNMENT:

Councilmember Baker moved to adjourn Regular Meeting at 9:01 pm.

Seconded by Councilmember Blanchard.

Ayes: Gavin, Hennen, Price, Baker, Blanchard, Dean, and Terbrack

Nays: None

Motion Approved.



CITY OF BERKLEY
CHECK WARRANT
#1356
OCTOBER 2020

Check Date	Check	Vendor Name	Description	Amount	Voided?
10/01/2020	58694	ALERUS FINANCIAL	HEALTH CARE SAVINGS PLAN #6304 - PR #20	4,265.00	
10/01/2020	58695	MISDU	CHILD SUPPORT CASE NO. 913340822 - PR #2	82.99	
			CHILD SUPPORT CASE NO. 913286400 - PR #2	128.05	
			CHILD SUPPORT CASE NO. 913488854 - PR #2	64.14	
				275.18	
10/01/2020	58696	NATIONWIDE RETIREMENT SOLUTIONS	EMPL. DEDUCT. (NATIONWIDE 457) - PR #20	5,201.75	
			EMPL. DEDUCT. (ROTH) - PR #20	1,028.14	
				6,229.89	
10/01/2020	58697	THE HARTFORD	OCTOBER 2020 PREMIUM FOR ACTIVES	2,015.14	
			OCTOBER 2020 PREMIUM FOR RETIREES	281.60	
				2,296.74	
10/01/2020	58698	VANTAGEPOINT TRNSFR AGENTS-107930	EE/ER CONTRIB. (401) - PR #20	570.77	
10/01/2020	58699	VANTAGEPOINT TRNSFR AGENTS-303792	EMPLOYEE DEDUCT. (ICMA 457) - PR #20	2,212.49	
			EMPLOYEE DEDUCT. - LOAN - PR #20	123.40	
				2,335.89	
10/01/2020	58700	VANTAGEPOINT TRNSFR AGENTS-706259	EMPLOYEE DEDUCT. (ICMA ROTH) - PR #20	105.00	
10/09/2020	58701	TERREN SUDBERRY	REPLACE CHECK #58681 - PRECINCT WORKER	67.50	
10/15/2020	58702	21ST CENTURY MEDIA - MICHIGAN	PH NOTICE TEXT AMENDMENT PC	188.61	
			PH NOTICE TEXT AMENDMENT PC	188.61	
			ADVERTISING	113.62	
				490.84	
10/15/2020	58703	37TH DISTRICT COURT	DAMON ALEX DENNIS - #T969537W	300.00	
10/15/2020	58704	A COLOR TREE INC.	PRIVACY FENCING - DPW FACILITY	220.49	
10/15/2020	58705	ALERUS FINANCIAL	HEALTH CARE SAVINGS PLAN #6304 - PR #20	4,190.00	
10/15/2020	58706	ALLIANCE MOBILE HEALTH	BLOOD DRAW FOR PATIENT NO. 2014785	148.00	
			BLOOD DRAW FOR PATIENT NO. 2014607	148.00	
			BLOOD DRAW FOR PATIENT NO. 2014413	148.00	
			BLOOD DRAW FOR PATIENT NO. 2014921	148.00	
			BLOOD DRAW FOR PATIENT NO. 2014817	148.00	
				740.00	
10/15/2020	58707	AMAZON CAPITAL SERVICES	(3) ELEVATOR KEYS / BAGS - FIRE SUPPLIES	253.71	
			KNOX BOX SUPPLIES	291.77	
			KNOX BOX PROGRAM - UPGRADE	12.50	
			IPHONE BATTERY PACK	64.99	
			IPHONE SCREEN PROTECTOR & CASE	36.98	
			MONITOR ADAPTERS	49.04	
			WIRELESS SPEAKER PHONE	129.00	
			CHARGERS, MEMORY MODULES AND CABLE	217.21	
			GAFFER TAPE	99.00	
			2 - NFPA 2017 GUIDE FOR FIRE & EXPLOS. I	238.00	
			4 - TYVEK DISPOSABLE SUITS	40.72	
			RESCUE HYFIN VENT CHEST SEAL 4 COUNT	29.99	
				1,462.91	
10/15/2020	58708	AMCOMM TELECOMMUNICATIONS, INC.	FIBER INSPECTION	4,500.00	
10/15/2020	58709	AMERICAN WATER WORKS ASSOCIATION	R. RZECZKOWSKI RENEWAL 12/1/20 - 11/30/2	224.00	
10/15/2020	58710	AMICI'S KITCHEN AND LIVING ROOM	DOWNTOWN BERKLEY BUCKS	30.00	
10/15/2020	58711	APPLIED IMAGING	DPW COPIES 9/11/20 - 10/10/20	0.39	
10/15/2020	58712	BELL EQUIPMENT COMPANY	#22 PARTS - SWEEPER BRUSHES / BLADES	1,043.78	
			#22 - OUTSIDE REPAIR	220.00	

				1,263.78
10/15/2020	58713	BIG D LOCK CITY	LOCK REPAIR	114.00
10/15/2020	58714	BILL STRACHAN	UB refund for account: 020604800	353.14
10/15/2020	58715	BILLINGS LAWN EQUIPMENT	DPW MOWER - BAGGER/CATCHER	3,199.90
			DPW - PLUGS & AIR CLEANER	19.02
				3,218.92
10/15/2020	58716	BLUE CROSS BLUE SHIELD OF MICH	SEPTEMBER 2020 CLAIMS	152,669.86
10/15/2020	58717	BRANDON LOWELL-LOVATO MATHIAS	1198 WEST BLVD.	10.00
10/15/2020	58718	BRILLANT SYSTEMS, LLC	PHONE ROOM ELECTRICAL UPGRADES	1,343.51
			BATTERY BACKUP UNITS	3,999.42
				5,342.93
10/15/2020	58719	CAMELOT CLEANERS	PRIS. BLANKETS - SEPTEMBER	70.30
10/15/2020	58720	CARLISLE / WORTMAN	REC MASTER PLAN SERVICES	935.00
10/15/2020	58721	CARQUEST AUTO PARTS STORES	ARTIC BAN	45.52
			DPW/ P.S. / P&R	60.60
			#544 PS - BRAKE HOSE	35.08
			#544 PS - ROTORS / TRANS. LINE	301.76
			#27 - OIL FILTERS	8.38
			#22 - CHARGER	25.78
			WATER DEPT. - CASE OF GREASE	315.12
				792.24
10/15/2020	58722	CATALYST MEDIA FACTORY	AUGUST/SEPT./OCT. MEDIA RELATIONS	5,680.00
10/15/2020	58723	CATHERINE DUGALIN	PRECINCT WORKER	35.00
10/15/2020	58724	CBTS	DISPATCH PHONE SYSTEM UPGRADE	6,900.00
10/15/2020	58725	CDW GOVERNMENT, INC.	COMPUTER BRACKETS	75.44
10/15/2020	58726	CHAMBER OF COMMERCE	3338 COOLIDGE HIGHWAY	100.00
10/15/2020	58727	CHRISTIANUS EJIKE ONWUZURIKE	2279 ELLWOOD	455.00
10/15/2020	58728	CHRISTINE SHERIDAN	FOR BOOK THAT PATRON PAID FOR	17.00
10/15/2020	58729	CINTAS CORPORATION	CITY HALL MATS	176.20
			FIRST AID CABINET SUPPLIES	60.21
				236.41
10/15/2020	58730	CITY OF BERKLEY-LIB PETTY CASH	PETTY CASH REIMBURSEMENT	176.25
10/15/2020	58731	CMV LANDSCAPE & EQUIPMENT COMPANY	2539 OAKSHIRE WATER/CONCRETE REPAIR	1,989.00
10/15/2020	58732	CONSUMERS ENERGY	2400 ROBINA - 08/06/20 - 09/04/20	21.67
10/15/2020	58733	CONTRACTORS CONNECTION	ADA PANELS - WALKS	1,089.00
10/15/2020	58734	CORBINDESIGN	FOR PROFESSIONAL SERVICES - SEPT. 2020	1,993.75
10/15/2020	58735	D RICHARDS CONSTRUCTION	RE-ISSUE CHECK #57320 - 2517 HAMILTON AV	75.00
			RE-ISSUE CHECK #57114 - 2428 PRINCETON R	50.00
				125.00
10/15/2020	58736	DEALER AUTO PARTS SALES	DPW/ P.S. - GLOVES	294.18
10/15/2020	58737	DETROIT BUILD, INC.	1863 BUCKINGHAM RD.	50.00
10/15/2020	58738	DTE ENERGY	3226 BACON - 08/27/20 - 09/25/20	512.89
			2450 BEVERLY BLVD. - 08/27/20 - 09/25/20	75.91
				588.80
10/15/2020	58739	DU-ALL CLEANING INC.	DPW CUSTODIAL - SEPT. 2020	700.00
			MAINTENANCE/CUSTODIAL SERVICES	1,350.00
			JANITORIAL SERVICES	1,300.00
				3,350.00
10/15/2020	58740	ED RINKE CHEVROLET	#1 PARTS - HANDLE	45.77
10/15/2020	58741	EGANIX	SEPT. 2020 GREASE CONTROL / SEWERS	480.00
10/15/2020	58742	EJ USA, INC.	WATER - STRUCTURE FRAMES	1,280.45
10/15/2020	58743	ERIC OSTROWSKI	YOGA INSTRUCTOR PAYMENT	228.90
10/15/2020	58744	EXTREME EXTERIORS LLC	2160 CATALPA DR.	75.00

10/15/2020	58745	EZELL SUPPLY CORPORATION	MAINTENANCE SUPPLIES	782.95
10/15/2020	58746	FINISHED BASEMENTS PLUS LLC	3643 CUMMINGS AVE.	100.00
10/15/2020	58747	FIRE DEFENSE EQUIPMENT COMPANY	FIRE EXTINGUISHER ANNUAL MAINTENANCE INS	19.04
10/15/2020	58748	FRONT LINE SERVICES, INC.	HOSE FLOW METERS	1,704.95
10/15/2020	58749	GRAINGER	OIL ABSORB. - GARAGE	596.00
			ANCHORS	124.50
			ANCHOR TOOL	35.40
				755.90
10/15/2020	58750	GREAT LAKES PEST CONTROL CO	PEST CONTROL	40.00
10/15/2020	58751	GREAT LAKES WATER AUTHORITY	IWC FOR JUNE 2020	3,004.82
			IWC FOR JULY 2020	3,004.82
			IWC FOR AUGUST 2020	3,004.82
				9,014.46
10/15/2020	58752	GRISSIM METZ ANDRIESE	LANDSCAPE ARCHITECTURAL SERVICES FOR 09/	1,035.25
			LANDSCAPE ARCHITECTURAL SERVICES 8/20/20	1,193.20
				2,228.45
10/15/2020	58753	H.D. EDWARDS & CO.	HOSE / BUSHINGS / NIPPLES	45.34
10/15/2020	58754	HAFELI, STARAN, & CHRIST, P.C.	MONTHLY ATTORNEY FEES	6,821.25
10/15/2020	58755	HEATHER VERCELLINO	NO INSPECTIONS CONDUCTED UNDER RENTAL LI	180.00
10/15/2020	58756	HENRY FORD HEALTH SYSTEM	3RD QUARTER EAP SERVICES	725.00
10/15/2020	58757	HOME DEPOT CREDIT SERVICES	BOLT CUTTERS	49.97
10/15/2020	58758	HUBBELL, ROTH & CLARK	FINAL - 2020 SIDEWALK REPLACE./DESIGN	1,512.48
			CE SERVICES - 2020 SIDEWALK PROGRAM	5,278.60
			2020 - 2021 ROAD IMPROV. - DESIGN	3,203.55
			2020 - 2021 ROAD IMPROVE. - CE SERVICES	6,743.78
			ENGINEERING	5,347.11
			ENGINEERING	7,087.34
				29,172.86
10/15/2020	58759	HYDROCORP	CROSS CONNECTIONS SEPTEMBER 2020	1,658.00
10/15/2020	58760	INTERSTATE BILLING SERVICE	#28 - HOSE & FITTINGS	128.08
			#22 - STARTER MOTOR	561.93
			#22 - HOSE & FITTINGS	700.58
			#22-STARTER MOTOR/FILTER-APPLY CM D31244	135.12
				1,525.71
10/15/2020	58761	INTRUST BUILDING INC.	3269 ELLWOOD AVE.	50.00
			3919 ROYAL AVE.	75.00
				125.00
10/15/2020	58762	J.H. HART URBAN FORESTRY	TREE CREW / STUMP 9/21/20 - 9/25/20	4,704.50
			TREE CREW 9/28/20 - 10/2/20	4,662.00
				9,366.50
10/15/2020	58763	JACK DEMMER FORD, INC.	P.S. PARTS - WHEELS	203.42
10/15/2020	58764	JAN MCCATTY	MARQUEE REFUND	25.00
10/15/2020	58765	JEFFREY PETERSON	2037 KIPLING AVE.	75.00
10/15/2020	58766	JVK CONSTRUCTION	1812 ROSEMONT RD.	75.00
10/15/2020	58767	KANOPY, INC.	KANOPY DIGITAL CONTENT	128.00
10/15/2020	58768	LARRY'S WELDING SUPPLY	SEPT. 2020 CYLINDER RENTAL	62.65
10/15/2020	58769	LEO AUSI	2061 ROBINA AVE.	50.00
			2061 ROBINA AVE.	450.00
				500.00
10/15/2020	58770	MAJIK GRAPHICS, INC.	MULTIPLE TRUCKS OUTSIDE WORK DPW	370.75
10/15/2020	58771	MALONEY TRUCKING	DIRT OUT & FILL SAND	1,055.00
			DIRT OUT - FILL SAND	1,575.00

				2,630.00
10/15/2020	58772	MARCO LEON DEON JR.	2034 CASS BLVD.	50.00
10/15/2020	58773	MCGRATH ELECTRIC, LLC	PHONE ROOM ELECTRICAL UPGRADE	5,425.00
10/15/2020	58774	MICHIGAN LIBRARY ASSOC.	MLA MEMBERSHIP	85.00
10/15/2020	58775	MICHIGAN PETROLEUM	FLUID / OIL (MECHANIC)	544.70
10/15/2020	58776	MIDWEST TAPE	HOOPLA DIGITAL CONTENT	942.36
10/15/2020	58777	MISDU	CHILD SUPPORT CASE NO. 913340822 - PR #2	82.99
			CHILD SUPPORT CASE NO. 913286400 - PR #2	128.05
			CHILD SUPPORT CASE NO. 913488854 - PR #2	64.14
				275.18
10/15/2020	58778	MOTOR CITY FASTENER, LLC	#42 - U-BOLTS	49.60
10/15/2020	58779	MR. ROOF HOLDING COMPANY LLC	1738 LARKMOOR BLVD.	75.00
			4130 TYLER AVE.	75.00
			2663 ROBINA AVE.	75.00
				225.00
10/15/2020	58780	MSA SAFETY SALES, LLC	GAS METER REPAIRS	455.00
10/15/2020	58781	NATIONWIDE RETIREMENT SOLUTIONS	EMPL. DEDUCT. (NATIONWIDE 457) - PR #20	5,180.35
			EMPL. DEDUCT. (ROTH) - PR #20	1,055.69
				6,236.04
10/15/2020	58782	NEWEGG BUSINESS, INC.	COMPUTER MONITORS	293.66
10/15/2020	58783	NYE UNIFORM	PALMER - S L/S SHIRTS, 2 CARGO PANTS	238.98
			RECESSED BADGE CLIP ON - KOBERNICK	19.00
			2 PANT BELT, RECESSED BADGE CLIP ON W/ C	66.00
			MILLER - 1 S/S, 1 L/S, 1 JOB SHIRT	176.99
			ROBERTS - 3 S/S, 3 L/S, 1 JOB SHIRT	165.99
				666.96
10/15/2020	58784	O'REILLY AUTOMOTIVE, INC.	#38 - PARTS/SUPPLIES	29.98
10/15/2020	58785	OAKLAND COMMUNITY COLLEGE/CREST	CREST RENTAL FEE TASER RECERT. 9/10-17-2	100.00
10/15/2020	58786	OAKLAND COUNTY	SEPT. 2020 - SEWER & STORM TREAT.	238,366.09
10/15/2020	58787	PARTSMASTER	DPW PARTS - HYDRAULIC FITTINGS	112.92
10/15/2020	58788	PINE STATE ENTERPRISES	CERAMIC MUGS	1,122.39
10/15/2020	58789	PITNEY BOWES INC.	AUGUST 2020 - WATER POSTAGE	85.08
10/15/2020	58790	POSTMASTER	USPS MARKETING MAIL FEE	240.00
10/15/2020	58791	PRECISION DATA PRODUCTS	HP TONER CARTRIDGES	286.28
10/15/2020	58792	PRESIDIO NETWORKED SOLUTIONS GROUP	SECURITY CAMERA SYSTEM	7,484.00
10/15/2020	58793	REBECCA STOUT	MILEAGE REIMBURSEMENT	16.82
10/15/2020	58794	REHRIG PACIFIC COMPANY	GARBAGE TOTERS 95 GAL	6,088.00
10/15/2020	58795	RICARDO ANTONIO RODRIGUEZ	1997 CAMBRIDGE	100.00
10/15/2020	58796	RKA PETROLEUM COS, INC	#2 ULTRA LOW SULFUR DIESEL FUEL	1,051.98
10/15/2020	58797	ROAD COMMISSION OF OAKLAND CO	SIGNAL MAINT. JULY/AUGUST 2020	3,376.76
10/15/2020	58798	S/E OAK.CTY RESOURCE REC. AUTH	TRASH, RECYCLE P/UPS 9/16/20 - 9/30/20	49,953.00
10/15/2020	58799	SCOTT FRANCIS	UB refund for account: 011125000	227.75
10/15/2020	58800	SEHI COMPUTER PRODUCTS	HP LASER PRINTER (DB)	716.00
10/15/2020	58801	SHARON BARTOS-AMOLSCH	2969 GRIFFITH AVE.	50.00
10/15/2020	58802	SMOLYANOV HOME IMPROVEMENT	866 ELEVEN MILE RD.	50.00
			2957 CUMMINGS AVE.	75.00
			3294 BUCKINGHAM RD.	75.00
				200.00
10/15/2020	58803	STATE OF MICH-DEPT OF TREASURY	SEPTEMBER 2020 MI TAX WITHHOLDING FOR AC	15,735.81
10/15/2020	58804	STATE OF MICH-DEPT OF TREASURY	SEPTEMBER 2020 MI TAX WITHHOLDING FOR RE	2,859.82
10/15/2020	58805	STATE OF MICHIGAN	SOR FEES WOODWARD (X2) AND WEISS	90.00
10/15/2020	58806	STEWART & SONS CONCRETE	LOCAL/WATER ROAD REPAIRS	30,150.45
10/15/2020	58807	STORM ROOFING SOLUTIONS LLC	2272 WILTSHIRE RD.	50.00
10/15/2020	58808	SUPREME DECK INC.	2370 MORTENSON BLVD.	5.00
			1787 BEVERLY	55.00
				60.00

10/15/2020	58809	THE LIBRARY NETWORK	1 PKG. ITEM BARCODES TELECOMMUNICATIONS 7/1/20 - 9/30/20	112.00 <u>1,706.40</u>
				1,818.40
10/15/2020	58810	THOMAS JOSEPH BERTA	3295 CUMBERLAND RD. 3872 PHILLIPS AVE.	50.00 <u>800.00</u>
				850.00
10/15/2020	58811	TRANSUNION RISK AND ALTERNATIVE	TLOXP INVEST SERVICES - SEPT,	110.00
10/15/2020	58812	TRUCK & TRAILER SPECIALTIES, INC.	#40 OUTSIDE REPAIR #40 OUTSIDE REPAIR #40 OUTSIDE REPAIR	424.05 4,081.71 <u>6,051.50</u>
				10,557.26
10/15/2020	58813	VANTAGEPOINT TRNSFR AGENTS-107930	EE/ER CONTRIB. (401) - PR #20	570.77
10/15/2020	58814	VANTAGEPOINT TRNSFR AGENTS-303792	EMPLOYEE DEDUCT. (ICMA 457) - PR #21 EMPLOYEE DEDUCT. - LOAN - PR #20	2,168.27 <u>123.40</u>
				2,291.67
10/15/2020	58815	VANTAGEPOINT TRNSFR AGENTS-706259	EMPLOYEE DEDUCT. (ICMA ROTH) - PR #20	105.00
10/15/2020	58816	VILLANOVA CONSTRUCTION	2194 BEVERLY BLVD.	100.00
10/15/2020	58817	WILDER INTERACTIVE	50% DEPOSIT - COURAGEOUS COMM TRAINING	2,000.00
10/15/2020	58818	WINDER POLICE EQUIPMENT	425 - UPGRADE FOLD. REAR CARGO FLOOR	674.52
10/15/2020	58819	WOW! BUSINESS	CABLE	26.74
10/15/2020	58820	XEROX CORPORATION	XEROX USER FEES 8/21 - 9/21/20	94.13
10/29/2020	58821	ALERUS FINANCIAL	HEALTH CARE SAVINGS PLAN #6304 - PR #22	795.00
10/29/2020	58822	MISDU	CHILD SUPPORT CASE NO. 913340822 - PR #2 CHILD SUPPORT CASE NO. 913286400 - PR #2 CHILD SUPPORT CASE NO. 913488854 - PR #2	82.99 128.05 <u>64.14</u>
				275.18
10/29/2020	58823	NATIONWIDE RETIREMENT SOLUTIONS	EMPL. DEDUCT. (NATIONWIDE 457) - PR #22 EMPL. DEDUCT. (ROTH) - PR #22	5,223.33 <u>1,044.91</u>
				6,268.24
10/29/2020	58824	VANTAGEPOINT TRNSFR AGENTS-107930	EE/ER CONTRIB. (401) - PR #22	570.77
10/29/2020	58825	VANTAGEPOINT TRNSFR AGENTS-303792	EMPLOYEE DEDUCT. (ICMA 457) - PR #22 EMPLOYEE DEDUCT. - LOAN - PR #22	2,322.98 <u>123.40</u>
				2,446.38
10/29/2020	58826	VANTAGEPOINT TRNSFR AGENTS-706259	EMPLOYEE DEDUCT. (ICMA ROTH) - PR #22	105.00
10/30/2020	58827	21ST CENTURY MEDIA - MICHIGAN	AD	65.43
10/30/2020	58828	3D CONSULTING AND COMMUNICATIONS	50% DEPOSIT DIVERSITY TRAINING	3,000.00
10/30/2020	58829	45TH DISTRICT COURT	LADONNA MARIE GREEN - 20-8760	370.00
10/30/2020	58830	ADN ADMINISTRATORS, INC.	ADMINISTRATIVE FEE FOR NOVEMBER 2020	943.00
10/30/2020	58831	ADT COMMERCIAL LLC	10/27/20 - 11/26/20 DPW ALARM MONITORING	74.90
10/30/2020	58832	AERO/PACIFIC DRAPERY	SHADE FOR OFFICE	375.00
10/30/2020	58833	AIRGAS USA, LLC	SEPT. 2020 CYLINDER RENTAL	29.48
10/30/2020	58834	ALIMOFF BUILDING & DEVELOPMENT	1673 PRINCETON RD. 2879 KENMORE RD.	1,500.00 <u>1,500.00</u>
				3,000.00
10/30/2020	58835	ALL TRAFFIC SOLUTIONS, INC.	SPEED TRAILER - DATA	1,500.00
10/30/2020	58836	ALLIANCE MOBILE HEALTH	BLOOD DRAW FOR PATIENT NO. 205832	148.00
10/30/2020	58837	AMAZON CAPITAL SERVICES	WATER - BROOMS FENCING / PRIVACY DPW FACILITY TIME CARDS HYDRANT WINTERIZATION COFFEE SUGAR	93.00 220.49 18.30 213.60 53.98 161.83

			10 PK OF MOUSE PADS	19.89
			MOUSE PADS	11.96
			UPS BATTERIES	111.02
			MEMORY MODULES	117.94
			LAPTOP	1,028.41
			4 CORDLESS ELECTROSTATIC SPRAYERS	2,559.80
				4,610.22
10/30/2020	58838	AMERICAN FIRE PROTECTION SERVICES	DPW FIRE ALARM MONITOR OCTOBER - DECEMBE	153.00
10/30/2020	58839	AMICI'S KITCHEN AND LIVING ROOM	DOWNTOWN BERKLEY BUCKS	10.00
			DOWNTOWN BERKLEY BUCKS	10.00
				20.00
10/30/2020	58840	APPLIED CONCEPTS, INC.	VSS CABLE KIT / NEW CABLE FOR RADAR / NE	124.00
10/30/2020	58841	AT&T	ACCT. #24854624000218 - FOR SERVICE 10/2	2,500.25
10/30/2020	58842	AT&T	POLE RENTAL FEE FOR FIBER NETWORK	13.16
10/30/2020	58843	BASIC	ADMINISTRATION FEE FOR OCTOBER 2020	50.00
10/30/2020	58844	BELL EQUIPMENT COMPANY	#22 PARTS	1,760.00
10/30/2020	58845	BIG D LOCK CITY	EQUIPMENT SUPPLIES	247.78
10/30/2020	58846	BLUE CROSS BLUE SHIELD OF MICHIGAN	NOVEMBER 2020 PREMIUM FOR SUFFIX 601	18,237.50
			NOVEMBER 2020 PREMIUM FOR SUFFIX 600	4,011.43
				22,248.93
10/30/2020	58847	BRIAN GOTHARD	REIMBURSEMENT FOR BOOTS	106.00
10/30/2020	58848	C & G NEWSPAPERS	ADS	67.84
10/30/2020	58849	CARBARY PLUMBING PLLC	1920 ROBINA	292.22
10/30/2020	58850	CARLETON EQUIPMENT	#27 PARTS	165.64
10/30/2020	58851	CARQUEST AUTO PARTS STORES	DPW PARTS - APPLY CM 554108	5.78
10/30/2020	58852	CATHERINE DUGALIN	PRECINCT WORKER	100.00
10/30/2020	58853	CINTAS CORPORATION	MED BOX - REFILL	71.73
10/30/2020	58854	CITY OF ESSEXVILLE	FOR SQUAD 4	30,000.00
10/30/2020	58855	CITY OF OAK PARK	11 MILE & COOLIDGE INTERSECTION MARKINGS	350.00
10/30/2020	58856	CMV LANDSCAPE & EQUIPMENT COMPANY	1838 WILTSHIRE LEAD SERVICE/CONCRETE REP	4,565.00
			2020 SUNNYKNOLL CONCRETE REPAIR	5,301.25
			3083 GRIFFITH LEAD SERVICE/CONCRETE REPA	7,922.00
			3238 BACON LEAD SERVICE/CONCRETE REPAIR	3,540.00
			1846 BACON	1,358.00
			2850 COOLIDGE LEAD CONCRETE REPAIR	558.00
				23,244.25
10/30/2020	58857	COMMERCIAL CLIMATE CONTROLS CORP.	NO HEAT - SERVICE CALL	80.00
			BUILDING MAINTENANCE	382.78
				462.78
10/30/2020	58858	CONSUMERS ENERGY	3322 COOLIDGE HWY. - 09/10/20 - 10/07/20	162.41
			3155 COOLIDGE HWY. - 09/10/20 - 10/07/20	162.86
			2395 12 MILE RD. - 09/10/20 - 10/07/20	453.27
			3238 BACON - 09/10/20 - 10/7/20	39.18
			2400 ROBINA - 09/05/20 - 10/07/20	175.22
			3300 BACON - 09/10/20 - 10/7/20	130.40
			3322 COOLIDGE HWY. - 09/10/20 - 10/07/20	162.41
				1,285.75
10/30/2020	58859	CONTRACT EXCAVATING LLC.	3248 BUCKINGHAM RD.	500.00
10/30/2020	58860	CONTRACTORS CLOTHING CO.	UNIFORMS	118.78
10/30/2020	58861	CREGGER PLUMBING	1440 DOROTHEA RD.	500.00
			4167 ROBINA	982.50
				1,482.50
10/30/2020	58862	DANIEL ROEMER	1079 HARVARD RD.	500.00
10/30/2020	58863	DEALER AUTO PARTS SALES	PS PARTS	150.00
10/30/2020	58864	DELL MARKETING LP	TABLET DOCKING STATION	140.00
10/30/2020	58865	DETROIT URBAN DESIGN STUDIO	BERKLEY BUCK REDEMPTION	50.00
10/30/2020	58866	DOMENICO GIOVANNI MATINA	3573 GRIFFITH AVE.	100.00

10/30/2020	58867	DTE ELECTRIC COMPANY	POLE RENTAL FOR FIBER NETWORK	417.59
10/30/2020	58868	DTE ENERGY	2395 12 MILE RD. - 09/12/20 - 10/12/20	5,047.48
			2471 DOROTHEA RD. - 09/12/20 - 10/12/20	15.23
			2990 12 MILE RD. - 09/12/20 - 10/12/20	26.42
			2398 12 MILE RD. - 09/12/20 - 10/12/20	51.66
			3238 BACON AVE. - 09/12/20 - 10/12/20	174.45
			3341 ROBINA - 09/12/20 - 10/12/20	81.71
			3155 COOLIDGE HWY. - 09/12/20 - 10/12/20	1,188.59
			2261 ROBINA - 09/12/20 - 10/12/20	816.54
			2099 OXFORD - 09/11/20 - 10/09/20	152.98
			2100 BACON - 09/12/20 - 10/12/20	43.82
			2400 ROBINA - 09/12/20 - 10/12/20	377.00
				7,975.88
10/30/2020	58869	DTE ENERGY	STREETLIGHT - 09/01/20 - 09/30/20	15,391.30
			2400 ROBINA - 09/09/20 - 10/07/20	576.80
				15,968.10
10/30/2020	58870	DU-ALL CLEANING INC.	CLEANING	1,350.00
10/30/2020	58871	DURST LUMBER CO	MISC. ITEMS	179.65
10/30/2020	58872	EGANIX	OCTOBER 2020 GREASE CONTROL / SEWERS	480.00
10/30/2020	58873	FIRE DEFENSE EQUIPMENT COMPANY	DPW FIRE INSPECTION	217.88
			ANNUAL FIRE EXT. MAINT.	140.92
			FIRE EXTING. ANNUAL MAINT. INSPECTION	1,223.71
			FIRE EXTINGUISHER MAINTENANCE	47.60
				1,630.11
10/30/2020	58874	FORT STREET PLUMBING	2414 PRINCETON RD.	500.00
10/30/2020	58875	FRONT LINE SERVICES, INC.	SQUAD 4 - DECK GUN INSTALL	6,530.00
			SQUAD 4 LETTERING	5,840.00
			SQUAD 4 - REPAIRS & EQUIPMENT	3,355.00
				15,725.00
10/30/2020	58876	GABRIEL ROEDER SMITH & COMPANY	JUNE 30, 2019 ACTUARIAL VALUATION	21,000.00
10/30/2020	58877	GOODMAN ENTERPRISES, LLC	3592 OAKSHIRE AVE.	1,500.00
10/30/2020	58878	GRAINGER	BOLTS	21.70
10/30/2020	58879	GREAT LAKES PEST CONTROL CO	CITY HALL PEST CONTROL	60.00
			MAINTENANCE - PEST CONTROL	40.00
				100.00
10/30/2020	58880	GREAT LAKES WATER AUTHORITY	IWC FOR SEPT. 2020	3,004.82
10/30/2020	58881	HUBBELL, ROTH & CLARK	SIGN INVENTORY	292.08
10/30/2020	58882	HUNT SIGN CO LTD	SIGNS	638.00
10/30/2020	58883	ICMA MEMBERSHIP RENEWALS	ICMA MEMBERSHIP FOR DANIEL HILL	175.00
10/30/2020	58884	IMAGE PRINTING	2 BOXES OF ENVELOPES	59.50
			REPLACEMENT PUBLIC NOTICE SIGNS	144.00
			BUSINESS CARDS - K. ANDERSON	32.80
				236.30
10/30/2020	58885	ITALIA CONSTRUCTION INC.	20 - 21 ROAD IMPROVEMENT - PAY EST. #1	547,570.34
10/30/2020	58886	J.H. HART URBAN FORESTRY	TREE WORK 10/5/20 - 10/9/20	5,114.00
			TREE WORK 10/12/20 - 10/16/20	4,830.00
				9,944.00
10/30/2020	58887	JACK DOHENY COMPANIES, INC.	LOCATER FOR #1	1,980.00
10/30/2020	58888	JIM NOBLE	ROOM RENTAL REFUND	90.00
10/30/2020	58889	JLG HOSPITALITY GROUP LLC	BERKLEY BUCKS REDEEMED AT BERKLEY COMMON	40.00
10/30/2020	58890	KONICA MINOLTA BUSINESS SOLUTIONS	DPW COPIER	62.88
			DPW COPIER	90.00
			COPIER CHARGES	36.84

				189.72
10/30/2020	58891	LEVINE & SONS INC.	3859 CUMMINGS AVE.	500.00
10/30/2020	58892	MALONEY TRUCKING	DIRT OUT / CONCRETE	2,640.00
10/30/2020	58893	MCKENNA	INSPECTIONS FOR SEPTEMBER 2020	37,879.13
10/30/2020	58894	MICHIGAN PETROLEUM	ANTIFREEZE	172.44
10/30/2020	58895	MULTI-LAKES CONSERVATION ASSOC.	OUTDOOR RANGE FEES & BEVERAGES	781.25
10/30/2020	58896	NELSON BROTHERS SEWER & PLUMBING	SINK FAUCET REPAIRS	348.00
			1992 ROSEMONT RD.	<u>500.00</u>
				848.00
10/30/2020	58897	NYE UNIFORM	4 S/S POLO'S FOR KOBERNICK	186.00
			10 - PUB. SAFETY VESTS	<u>150.00</u>
				336.00
10/30/2020	58898	OLIVER CONSTRUCTION	2075 CUMMINGS AVE.	1,500.00
10/30/2020	58899	OWEN G DUNN CO., INC./PRINTELECT	I VOTED STICKERS	37.45
10/30/2020	58900	P. A. MORRIS COMPANY	REGULAR MEETING ATTENDANCE/MINUTES	150.00
10/30/2020	58901	PARTSMASTER	DPW PARTS	117.13
			TOOLS GARAGE	<u>190.61</u>
				307.74
10/30/2020	58902	PINE STATE ENTERPRISES	CERAMIC MUGS	352.80
10/30/2020	58903	PRINTING SYSTEMS	WATER BILL STATIONARY	508.66
			WATER - STATIONARY	<u>576.14</u>
				1,084.80
10/30/2020	58904	PROVANTAGE LLC	VIDEO CONFERENCING SYSTEM	1,075.00
			VIDEO CONF. EXT. CABLE	169.00
			FIREWALL TRANSCEIVER	<u>46.45</u>
				1,290.45
10/30/2020	58905	RED WING SHOE STORE	BOOTS FOR MAINTENANCE	320.98
10/30/2020	58906	ROAD COMMISSION OF OAKLAND CO	SIGNAL MAINT. / SEPT. 2020	5,504.21
10/30/2020	58907	ROCHESTER MIDLAND	SANOR SERVICE FOR CITY HALL	66.69
10/30/2020	58908	ROOT MASTERS SEWER & DRAIN	4124 CATALPA DR.	1,000.00
10/30/2020	58909	S/E OAK.CTY RESOURCE REC. AUTH	SEPT. 2020 - CITY PICKUPS	1,150.17
			TRASH, RECYCLE, PICKUPS 10/1/20 - 10/15/	<u>43,649.00</u>
				44,799.17
10/30/2020	58910	SEHI COMPUTER PRODUCTS	PHONE SYSTEM NETWORK SWITCHES	3,732.00
10/30/2020	58911	STAPLES	SHARPIES, RUBBERBANDS, LABELS, ENVELOPES	144.38
			OFFICE SUPPLIES - SEPTEMBER	649.66
			OFFICE SUPPLIES & PRINTER INK	<u>798.05</u>
				1,592.09
10/30/2020	58912	THE KITCHEN INC.	PRISONER MEALS	446.78
10/30/2020	58913	THE LIBRARY NETWORK	BOOK & AV MATERIALS	3,878.93
			ANNUAL DELIVERY CHARGE	2,796.00
			TECHNOLOGY LICENSES	374.75
			ACQUISITION SERVICES	1,031.51
			SHARED AUTOMATION SERVICES	<u>8,212.34</u>
				16,293.53
10/30/2020	58914	THE PRINT STOP, INC	WINDOW ENVELOPES	625.00
10/30/2020	58915	THE RAPID GROUP, LLC	SHREDDING SERVICE	60.00
10/30/2020	58916	THOMAS JOSEPH BERTA	1851 WILTSHIRE RD.	500.00
			2799 CUMMINGS	<u>850.00</u>

				1,350.00
10/30/2020	58917	TREDROC TIRE SERVICES LLC	DPW (TIRE) OUTSIDE REPAIR PS (TIRE)	275.30 <u>837.00</u>
				1,112.30
10/30/2020	58918	ULINE	20 X 27 KRAFT STAY FLAT 50/CT	130.27
10/30/2020	58919	UNEMPLOYMENT INSURANCE AGENCY	FOR CALENDAR YEAR ENDING 2019	7,505.00
10/30/2020	58920	VERIZON WIRELESS	IPAD SERVICE FOR 09/02/20 - 10/01/20 FOR SERVICE 09/21/20 - 10/20/20	194.11 <u>1,183.72</u>
				1,377.83
10/30/2020	58921	VILLAGE OF BEVERLY HILLS	SOFA TRAINING FOOD INVOICE	228.00
10/30/2020	58922	WHITNEY HOLDINGS	1875 EATON	103.30
10/30/2020	58923	WINDSTREAM	PHONE SERVICE	624.15
10/30/2020	58924	WOW! BUSINESS	WOW INTERNET SERVICE	<u>220.99</u>

Total of 231 Checks:	1,556,614.34
Less 0 Void Checks:	<u>0.00</u>
Total of 231 Disbursements:	1,556,614.34

**CITY OF BERKLEY
ACH TRANSFERS**

VENDOR

10/5/2020	INTERNAL REVENUE SERVICE	\$	15,442.39
10/5/2020	INTERNAL REVENUE SERVICE	\$	40,085.73
10/5/2020	DPW UNION DUES	\$	308.00
10/5/2020	PSO UNION DUES	\$	760.00
10/5/2020	PS COMMAND UNION DUES	\$	400.00
10/5/2020	PITNEY BOWES	\$	4,000.00
10/9/2020	MERS	\$	82,493.35
10/9/2020	A D N	\$	25,000.00
10/19/2020	PSO UNION DUES	\$	760.00
10/19/2020	PS COMMAND UNION DUES	\$	400.00
10/20/2020	INTERNAL REVENUE SERVICE	\$	39,744.49
10/30/2020	PSO UNION DUES	\$	760.00
10/30/2020	PS COMMAND UNION DUES	\$	400.00
10/30/2020	INTERNAL REVENUE SERVICE	\$	40,533.25
10/30/2020	INTERNAL REVENUE SERVICE	\$	15,442.39
		\$	<u>266,529.60</u>

City Clerk

We hereby certify that the foregoing is a true and correct list of bills and that they have been approved by the City Council and this is the authority to issue checks in the amounts stated and charge them in the various accounts.

Daniel Terbrack, Mayor

Victoria Mitchell, City Clerk

AN ORDINANCE
of the Council of the City of Berkley, Michigan
Adding Section 138-226 of Chapter 138, Zoning,
of the City of Berkley Code of Ordinances
to Allow Parking Requirement Modifications During Site Plan Review
and Provide Penalties for Violations

THE CITY OF BERKLEY ORDAINS:

SECTION 1: Add new Section 138-226 to Chapter 138 of the Berkley Code of Ordinances, as follows:

Sec. 138-676. – Parking requirement modification during site plan review.

An applicant for site plan approval may request the Planning Commission to modify the minimum numerical parking requirements of this Chapter for off-street parking applicable to the proposed use, based upon the applicant's demonstration that a different parking standard would be more appropriate.

An approved deviation from the ordinance standard will be tied to the specific use and site plan approved and will not apply after the use on the site terminates or changes to another use. The Planning Commission may grant a parking modification up to 10% of the total parking requirement for a particular use, as noted in Section 138-219.

The Planning Commission shall have the authority and discretion to grant or deny the requested modification based on consideration of the following factors:

- (1) Current or anticipated levels of employees and/or patrons;
- (2) Peak period usage versus normal usage;
- (3) Banked or reserved parking for future use;
- (4) Opportunities to provide or accommodate green space, additional landscaping and to minimize impervious areas on the site;
- (5) Provision of valet parking or other means of accommodating parking off-site that will not overburden public parking and is a reasonable alternative to on-site parking. Further, the applicant must demonstrate that such valet parking will be available for the days and times needed and will not conflict with other businesses that share the same parking facility or valet service;
- (6) Neighborhood or other surrounding characteristics justify the requested deviation;
- (7) Strict application of the ordinance would unreasonably hinder development of the site for a permitted use, and an alternate parking requirement would be appropriate;

- (8) Modification will not negatively impact public parking in the city;
- (9) Proximity of the site to local or regional transit, including but not limited to SMART bus stops, bicycle sharing stations, lite rail, etc.

Any planning commission modification under this section shall be contingent on the continuing use of the property as approved. Any change in the use, scope or intensity of the property use will invoke reinstatement and application of the standard parking requirements of this Chapter.

This section shall apply to all site plans on file with the city and awaiting review and approval as of the date of adoption of this ordinance and thereafter.

SECTION 2: Severability Clause

Should any word, phrase, sentence, paragraph, or section of this Ordinance be held invalid or unconstitutional, the remaining provisions of this ordinance shall remain in full force and effect.

SECTION 3: Penalty

All violations of this ordinance shall be municipal civil infractions and upon a determination of responsibility therefore shall be punishable by a civil fine of not more than \$500, and/or such other sanctions and remedies as prescribed in Article IX of Chapter 82 of the Code of Ordinances.

SECTION 4: Effective Date

This Ordinance shall become effective 30 days following the date of adoption.

SECTION 5: Publication

The City Council directs the City Clerk to publish a summary of this ordinance in compliance with Public Act 182 of 1991, as amended, and Section 6.5 of the Berkley City Charter.

Daniel J. Terbrack
Mayor

Attest:

Victoria Mitchell
City Clerk

AN ORDINANCE

of the Council of the City of Berkley, Michigan
Amending Division 7 of Article VI of Chapter 138, Zoning,
of the City of Berkley Code of Ordinances to Modify Site Plan Review Procedure.

THE CITY OF BERKLEY ORDAINS:

SECTION 1: Division 7 of Article VI of Chapter 138 of the Berkley Code of Ordinances shall be amended, as follows:

DIVISION 7. – SITE PLAN REVIEW

Sec. 138-676. – Purpose.

- (a) The intent of this division is to provide for consultation and cooperation between the applicant and the planning commission, so that both parties might realize maximum utilization of land and minimum adverse effects upon the surrounding area.
- (b) It is hereby recognized that peculiarities of lot contour, existing and potential development of adjacent properties and existing and potential traffic and pedestrian circulation patterns require a flexibility in the location of buildings, open spaces, parking lots and driveways that cannot be achieved by detailed specifications. It is therefore required that all development within the districts listed in section 138-677 be submitted to the planning commission for its review and approval prior to the issuance of building permits. Nothing contained in this section is intended to allow a greater density of population nor less required open space than that which is specified.

Sec. 138-677. – Applicability.

- (a) Any development ~~in the following zoning districts shall require site plan review:~~ not located in single family residential districts shall require site plan review.

R-M	Multiple-family residential district
R-M-H	High-rise multiple-family residential district
	Greenfield district
	Office district
	Downtown district
	Community centerpiece district
LB	Local business district

	Gateway district
	Coolidge district
	Twelve mile district
	Woodward district
	Industrial district
P-1	Parking district
C-1	Cemetery district

- (b) Site plan review is also required for development of all institutional uses permitted in single-family districts such as, but not limited to: churches, schools and public facilities.
- (c) Development requiring site plan review shall include:
- (1) Construction of a building;
 - (2) Structural alteration of a building that includes adding floor area or height to the building;
 - (3) Additional parking;
 - (4) Façade alterations that include any 50% or more change in the exterior surface material or changes in the size or number of windows of any one façade of a building.
 - (5) Façade alterations that reduce the size and/or number of windows.

Sec. 138-678. – Administrative review.

Administrative review for site plan review shall be conducted by the building department in cases where:

- (1) The façade alterations do not change the surface material more than 50%; or of any one façade
- (2) The number or size of the windows are increasing in size.
- (3) The structure requiring site plan review is an accessory structure. An accessory structure must conform to site standards according to ch. 138, article III, division 1 of the Berkley Code of Ordinances. Accessory structures located within single residential districts do not require Planning Commission review and approval.

~~During administrative review, the building official and city planner shall act as the planning commission in determining compliance with the standards for approval. If the building official and city planner do not agree, then the application is denied. If the property owner is not satisfied with the administrative review, the property owner may take the application to the planning commission for site plan review. The Zoning Administrator shall have the discretion to request site plan review and approval by the Planning Commission, based on the size, scope and/or intensity of a proposed project. The applicant shall be responsible for providing all required information for site plan approval.~~

Sec. 138-679. – Standards.

The site plan shall be reviewed and approved by the planning commission upon finding that:

- (1) The site meets the requirements of this Code.
- (2) The proposed development does not create adverse effects on public utilities, roads, or sidewalks.
- (3) Pedestrian and vehicular areas are designed for safety, convenience, and compliment adjacent site design.
- (4) Site design, architecture, signs, orientation, and materials are consistent with the city's master plan objectives and the design of the neighboring sites and buildings.
- (5) Landscaping, lighting, dumpster enclosures, and other site amenities are provided where appropriate and in a complementary fashion.
- (6) Site engineering has been provided to ensure that existing utilities will not be adversely affected.

Sec. 138-680. – Required information.

The following information shall be included on the site plan for final review, unless waived by the planning commission. The site plan shall be to a reasonable scale and indicate:

- (1) Seal of architect and/or engineer who prepared plans.
- (2) An appropriate descriptive legend, including north arrow, scale, legal description and the names and addresses of the architect or engineer responsible for the preparation of the site plan.
- (3) The existing (and proposed) zoning.
- (4) Location and size of all structures (including location of entrances and loading points).

- (5) All outside dimensions of each structure, its distance from the property lines, its area and its height.
- (6) With multiple-family residential proposals, the number and location of one-bedroom units, two-bedroom units, etc., and include typical floor plans with square feet of floor areas.
- (7) Recorded and measured dimensions of all lot lines and location and design of all lots.
- (8) Adjacent property's structures, uses, zoning and other significant features of the community, where appropriate (using a location sketch).
- (9) Location of all existing and proposed drives and parking areas including types of surfacing, parking layout and dimensions.
- (10) Dimensions of road widths and rights-of way.
- (11) All existing easements and vacated easements and rights-of way.
- (12) All required minimum setbacks (from the existing or proposed right-of-way from adjacent properties).
- (13) Locations of lawns and landscaped areas, types and number of species, and how the landscaping is to be accomplished.
- (14) Locations, sizes, and types of existing trees over four inches in diameter (before and after proposed development).
- (15) Location and type of outside lighting, include site and fixture photometrics.
- (16) All proposed screen and freestanding architectural walls, including typical cross-sections and the heights above ground on both sides of walls.
- (17) Elevation drawings of all existing and proposed buildings on the site drawn to a scale of one inch equals four feet, or to another scale adequate to determine compliance with this chapter and to provide any other information needed to evaluate the overall site design on the basis of the criteria set forth in this section.
- (18) Color and type of façade materials. Samples representing color and materials shall be presented to the planning commission.
- (19) Stormwater engineering including: existing and proposed grading of the site, location of existing and proposed utilities, stormwater calculations for a 100-year storm, the drainage area on site that will detain the 10-year storm, and a profile of the sanitary sewer.

Sec. 138-681. – Approval process.

- (a) *Sketch plan (optional).* An item may be submitted to the planning commission for informal discussion. No approval shall be granted. However, the applicant may wish to present and discuss a proposed project and any anticipated problems before applying for site plan approval.
- (b) Site plan approval.
 - (1) An application for site plan approval shall be submitted to the city planning commission on such forms and containing such information that the planning commission shall prescribe.
 - (2) The planning commission is hereby authorized to approve, approve with conditions, or deny all site plans submitted under this chapter.
 - (3) Approval may be issued by the planning commission, subject to the applicant receiving board of appeals variances, as required by the zoning chapter.
 - (4) Each action taken with reference to site plan review and approval shall be duly recorded in the minutes of the planning commission and shall state the grounds for the action taken upon each site plan submitted for its approval.

Sec. 138-682. – Revisions.

An applicant for site plan approval may wish to revise a previously approved site plan. A site plan outlining the differences in the original approved site plan and the requested changes shall be submitted to the city. The approval process shall be similar to that outlined above. If the revised site plan is denied, the applicant may develop the site plan as originally approved or appeal the matter as outlined below.

If a change is deemed to be minor in scope or intensity, the revised site plan may be approved administratively. Such minor revisions may include:

- (1) Additions or alterations to the landscape plan or landscape materials.
- (2) Relocation or additional screening of trash enclosure.
- (3) Alterations to the internal parking layout of the off-street parking lot, restriping, etc.

Any major revisions to the site plan, as determined by the Zoning Administrator, shall be subject to review and approval by the Planning Commission.

Sec. 138-683. – Appeals.

An applicant for site plan approval shall have the right of appeal to the zoning board of appeals, and in such cases, the board may reverse, affirm or modify the action of the planning commission by the concurring vote of two-thirds of the members of the board.

Sec. 138-684. – Conformity; extension of approval period.

When an applicant receives final site plan approval, the site shall be developed in complete conformity with the approved site plan, except as provided for under Revisions and Appeals. ~~The site plan approval shall be valid for a period of 12 months. If a building permit is not procured and construction begun within that time, the site plan approval becomes null and void. No time extension to the site plan approval shall be granted.~~ A site plan shall be valid for a period of one year from date of final site plan approval. An applicant may request up to two one-year extensions, to be reviewed ~~and granted~~ by the Planning Commission for reasonable cause. The request for site plan extension must be submitted in writing to the Community Development Department prior to the expiration of the site plan. Upon request, the applicant shall provide a proposed timeline for the proposed project or development.

Sec. 138-685. – Site maintenance.

The city planning commission shall not approve any site plan under this chapter unless and until the applicant signs a site maintenance agreement in a form approved by city council.

SECTION 2: Severability Clause

Should any word, phrase, sentence, paragraph, or section of this Ordinance be held invalid or unconstitutional, the remaining provisions of this ordinance shall remain in full force and effect.

SECTION 3: Effective Date

This Ordinance shall become effective 30 days following the date of adoption.

SECTION 4: Publication

The City Council directs the City Clerk to publish a summary of this ordinance in compliance with Public Act 182 of 1991, as amended, and Section 6.5 of the Berkley City Charter.

Introduced on the First Reading at the Regular City Council Meeting on Monday, October 19, 2020.

Dan Terbrack
Mayor

Attest:

Victoria Mitchell
City Clerk

CITY OF BERKLEY, MICHIGAN

RESOLUTION TO ADOPT RULES FOR ELECTRONIC MEETINGS

WHEREAS, the Michigan Open Meetings Act, MCL 15.261 et seq. was recently amended by the adoption of Public Act 228 of 2020 to permit the remote attendance by members of a public body using telephonic or video conferencing means; and

WHEREAS, the City Council desires to continue to meet and conduct the public business of the City in a manner that permits both the general public and members of the City Council and other City boards and commissions subject to the Open Meetings Act to participate by electronic means.

THEREFORE, IT IS RESOLVED by the Berkley City Council that its Rules and Order of Procedure are hereby amended to add the following provisions:

ELECTRONIC MEETINGS

Section 14:

Rule 1. ELECTRONIC MEETINGS AUTHORIZED

The City Council may meet and conduct its meetings, in whole or in part, by electronic means using telephone conferencing or video conferencing technology without regard to physical place and physical presence requirements, in accordance with Section 3a of the Open Meetings Act, MCL 15.263a, as amended, through December 31, 2020.

Beginning January 1, 2021 through December 31, 2021, City Council meetings may be held, in whole or in part, by electronic means using telephone conferencing or video conferencing technology due to circumstances requiring accommodation of any City Councilmember absent because of military duty, a medical condition, or when a declared statewide or local state of emergency or state of disaster exists and the personal health or safety of members of the public or public body would be at risk if the meeting were held in person. As used in these Rules, the term “medical condition” means an illness, injury, disability, or other health-related condition, including the quarantine or isolation of a City Councilmember to minimize the spread of a contagious disease.

Beginning January 1, 2022 members of the City Council may participate by electronic means in City Council meetings only to accommodate their absence due to military duty.

Rule 2. CONDUCT OF ELECTRONIC MEETINGS

An electronic meeting of the City Council will be conducted in a manner that permits two-way communication so that members of the Council can hear and be heard by one another, and so that public participants can hear members of the City Council and be heard by both the Council and other public participants. The City may use technology to facilitate typed

public comments submitted by members of the public participating in the electronically-held meeting that shall be read to or shared with members of the City Council and other participants.

As permitted by the Open Meetings Act, a physical place is not required for an electronically-held meeting. Members of the City Council and members of the public participating electronically in a meeting that occurs in a physical place are considered present and in attendance at the meeting for all purposes. For a meeting at which City Councilmembers are physically absent due to military duty or a medical condition and who are being accommodated by remote participation, all other City Councilmembers must be physically present at the meeting to be able to participate.

In addition to any other notice required by the Open Meetings Act, advance notice of an electronically-held meeting shall be posted on a portion of the City's website that is fully accessible to the public. The public notice must be included on either the home page or a separate webpage dedicated to public notices for non-regularly scheduled or electronically-held public meetings that is accessible through a prominent and conspicuous link on the City's website home page that clearly describes its purpose for public notification of non-regularly scheduled or electronically-held public meetings. Any scheduled meeting of the City Council may be held as an electronic meeting as permitted by the Open Meetings Act if a notice consistent with this Rule is posted at least 18 hours before the meeting begins. Any notice of the meeting of the City Council held electronically must clearly contain all of the following:

- (a) Why the City Council is meeting electronically;
- (b) How members of the public may participate in the meeting electronically (if a telephone number, internet address or both are required to participate, that information must be provided in the notice);
- (c) How members of the public may contact members of the City Council to provide input or ask questions on any business that will come before the Council at the meeting; and
- (d) How persons with disabilities may participate in the meeting.

If an agenda exists for an electronically held meeting of the City Council, the City shall, on a portion of its website that is fully accessible to the public make the agenda of the meeting available to the public at least 2 hours before the meeting begins. This publication of the meeting agenda does not prohibit subsequent amendment of the agenda at the meeting.

A member of the general public is not required to register or otherwise provide his or her name or other information or otherwise fulfill a condition precedent to attend an electronically-held meeting, other than mechanisms established and required by the City necessary to permit the individual to participate in a public comment period of the meeting.

Members of the general public otherwise participating in an electronically-held meeting of the City Council are excluded from participation in a closed session of the City Council that is held electronically provided that the closed session is convened and held in compliance with the requirements of the Open Meetings Act applicable to closed sessions.

Rule 3. AGENDA FOR REGULAR BUSINESS MEETINGS; ELECTRONIC MEETINGS

The order of business for all meetings of the City Council conducted electronically and held during through December 31, 2020, and held beginning January 1, 2021 through December 31, 2021 for City Council meetings held, in whole or in part, by electronic means using telephone conferencing or video conferencing technology when a declared statewide or local state of emergency or state of disaster exists shall be as follows: Call to Order; Approval of Agenda; Invocation; Pledge of Allegiance; Public Comment – Items On the Agenda; Approval of Minutes; Approval of Warrants; Consent Agenda; Regular Agenda; Public Comment – Items Not On the Agenda; Communications; and Adjournment. The order of business outlined in this paragraph is not applicable when electronic means is used to accommodate the absence of individual City Council members due to military duty or a medical condition.

Rule 4. PUBLIC COMMENTS

During City Council meetings conducted electronically, members of the public attending the meeting, once recognized by the chair, shall identify themselves for the record and indicate the municipality where they reside. Comments by the public will be limited to three minutes for each speaker unless the time is extended by the chair or by vote of the Council. Comments by the public shall be confined to the Public Comment portions of the meeting.

Rule 5. COUNCILMEMBER ATTENDANCE BY PHONE/VIDEO

A member of the City Council who anticipates being absent from a meeting due to the circumstances set forth in the Open Meetings Act and these Rules may request accommodation of their absence to permit their remote participation in and voting on Council business by two-way telephonic or video conferencing communication. A City Councilmember who desires to attend a meeting by telephonic or video conferencing shall inform the City Manager, or the City Manager's designee, at least 24 hours before the meeting to permit any necessary technology to be put in place to accommodate participation of the absent member. City Councilmembers attending a meeting by telephone or video conferencing may fully participate in the meeting, including voting and attendance in any closed session of the City Council. A Councilmember participating by telephonic or video conferencing is not permitted to chair the meeting unless all Council members are participating by telephone or video conferencing.

Any member of the City Council attending a meeting remotely must publicly announce at the outset of the meeting (which shall be included in meeting minutes) that the member is attending the meeting remotely. If the member is attending the meeting remotely for a purpose other than for military duty, the member's announcement must identify the member's physical location by stating the city, village, or township and the state from which the member is attending the meeting remotely.

Rule 6. OTHER BOARDS AND COMMISSIONS

All other City boards and commissions and the members thereof are governed by and shall conform to the provisions contained in these Rules setting forth the requirements and procedures by which absent members and the public may remotely participate in meetings electronically by telephone or video conferencing. In the event of any conflict between these rules and the bylaws or procedural rules of the other board or commission, this Rule is controlling authority.

Introduced and Passed at a Regular Meeting of the City Council on Monday, November 16, 2020.

Daniel J. Terbrack, Mayor

Attest:

Victoria Mitchell, City Clerk



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Sylvan Lake, Michigan 48320
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Main (248) 731-3080
Fax (248) 731-3081

John D. Staran
Direct (248) 731-3088
jstaran@hsc-law.com

November 2, 2020

Mr. Matthew Baumgarten
City Manager
City of Berkley
3338 Coolidge Hwy.
Berkley, MI 48072

VIA ELECTRONIC MAIL

Re: ***City of Berkley / Rules to Govern Virtual Meetings***

Dear Mr. Baumgarten:

After the Michigan Supreme Court's decision earlier this month invalidating the Governor's Covid-related executive orders issued after April 30, uncertainty resulted over whether municipal boards and commissions may continue to hold electronic, remote participation meetings while the pandemic goes on. The State Legislature and Governor solved that – at least temporarily – by enacting and signing into law 2020 PA 228 (copy attached) amending the Open Meetings Act to allow municipal boards and commissions to hold electronic meetings, and establishing conditions, limitations, and procedures for electronic meetings.

The amended OMA does several things: (i) It validates all electronic meetings held since March, (ii) Allows local boards and commissions to continue to hold electronic meetings through the end of this calendar year, (ii) It authorizes remote meetings to be held during 2021 only to accommodate members absent due to military duty, a medical condition, or a statewide or local state of emergency or disaster, and (iii) After 2021, allows remote participation by board and commission members only for military duty.

For the most part, electronic meetings must be conducted similar to the way they were conducted under the prior executive orders of the Governor. But the amended OMA sets forth various additional notice and procedural requirements for electronic meetings. Among the requirements is that absent board and commission members participating remotely must announce the municipality and state where the member is remotely participating from. This disclosure must be made part of the meeting minutes.

Also, a public body with an official internet presence (i.e., a website) must post advance notice of an electronic meeting on its website where it can be accessed by the public at least 18 hours prior to the meeting. Meeting agendas must also be available and accessible to the public on the internet at least 2 hours before the meeting.

The amended OMA requires a public body to establish procedures to govern electronic meetings. Therefore, I offer the attached proposed City Council Resolution to amend the City's

Mr. Matthew Baumgarten
City of Berkley
November 2, 2020
Page 2

current Rules and Order of Procedure to add rules for electronic meetings. These rules, as drafted, closely track the statutory provisions and procedures of the amended OMA. In addition please note that in the last rule proposed to be added will cover all the City's other boards and commissions by applying these same Electronic Meetings rules to them.

I recommend that the proposed Resolution to adopt the Rules be introduced at the Council's next meeting.

Very truly yours,



John D. Staran

JDS/ijd

cc: Ms. Victoria Mitchell, City Clerk
Mayor Dan Terbrack

Act No. 228
Public Acts of 2020
Approved by the Governor
October 16, 2020
Filed with the Secretary of State
October 16, 2020
EFFECTIVE DATE: October 16, 2020

**STATE OF MICHIGAN
100TH LEGISLATURE
REGULAR SESSION OF 2020**

**Introduced by Senators Theis, Hollier, LaSata, MacDonald, Lucido, Victory, Daley, Zorn, Wojno,
McMorrow, Moss and Schmidt**

ENROLLED SENATE BILL No. 1108

AN ACT to amend 1976 PA 267, entitled "An act to require certain meetings of certain public bodies to be open to the public; to require notice and the keeping of minutes of meetings; to provide for enforcement; to provide for invalidation of governmental decisions under certain circumstances; to provide penalties; and to repeal certain acts and parts of acts," by amending section 3 (MCL 15.263), as amended by 2018 PA 485, and by adding section 3a.

The People of the State of Michigan enact:

Sec. 3. (1) All meetings of a public body must be open to the public and must be held in a place available to the general public. All persons must be permitted to attend any meeting except as otherwise provided in this act. The right of a person to attend a meeting of a public body includes the right to tape-record, to videotape, to broadcast live on radio, and to telecast live on television the proceedings of a public body at a public meeting. The exercise of this right does not depend on the prior approval of the public body. However, a public body may establish reasonable rules and regulations in order to minimize the possibility of disrupting the meeting.

(2) All decisions of a public body must be made at a meeting open to the public. For purposes of any meeting subject to this section, except a meeting of any state legislative body at which a formal vote is taken, the public body shall, subject to section 3a, establish the following procedures to accommodate the absence of any member of the public body due to military duty, a medical condition, or a statewide or local state of emergency or state of disaster declared pursuant to law or charter by the governor or a local official or local governing body that would risk the personal health or safety of members of the public or the public body if the meeting were held in person:

(a) Procedures by which the absent member may participate in, and vote on, business before the public body, including, but not limited to, procedures that provide for both of the following:

(i) Two-way communication.

(ii) For each member of the public body attending the meeting remotely, a public announcement at the outset of the meeting by that member, to be included in the meeting minutes, that the member is in fact attending the meeting remotely. If the member is attending the meeting remotely for a purpose other than for military duty, the member's announcement must further identify specifically the member's physical location by stating the county, city, township, or village and state from which he or she is attending the meeting remotely.

(b) Procedures by which the public is provided notice of the absence of the member and information about how to contact that member sufficiently in advance of a meeting of the public body to provide input on any business that will come before the public body.

(3) All deliberations of a public body constituting a quorum of its members must take place at a meeting open to the public except as provided in this section and sections 7 and 8.

(4) A person must not be required as a condition of attendance at a meeting of a public body to register or otherwise provide his or her name or other information or otherwise to fulfill a condition precedent to attendance.

(5) A person must be permitted to address a meeting of a public body under rules established and recorded by the public body. The legislature or a house of the legislature may provide by rule that the right to address may be limited to prescribed times at hearings and committee meetings only.

(6) A person must not be excluded from a meeting otherwise open to the public except for a breach of the peace actually committed at the meeting.

(7) This act does not apply to the following public bodies, but only when deliberating the merits of a case:

(a) The Michigan compensation appellate commission operating as described in either of the following:

(i) Section 274 of the worker's disability compensation act of 1969, 1969 PA 317, MCL 418.274.

(ii) Section 34 of the Michigan employment security act, 1936 (Ex Sess) PA 1, 421.34.

(b) The state tenure commission created in section 1 of article VII of 1937 (Ex Sess) PA 4, MCL 38.131, when acting as a board of review from the decision of a controlling board.

(c) The employment relations commission or an arbitrator or arbitration panel created or appointed under 1939 PA 176, MCL 423.1 to 423.30.

(d) The Michigan public service commission created under 1939 PA 3, MCL 460.1 to 460.11.

(8) This act does not apply to an association of insurers created under the insurance code of 1956, 1956 PA 218, MCL 500.100 to 500.8302, or other association or facility formed under that act as a nonprofit organization of insurer members.

(9) This act does not apply to a committee of a public body that adopts a nonpolicymaking resolution of tribute or memorial, if the resolution is not adopted at a meeting.

(10) This act does not apply to a meeting that is a social or chance gathering or conference not designed to avoid this act.

(11) This act does not apply to the Michigan veterans' trust fund board of trustees or a county or district committee created under 1946 (1st Ex Sess) PA 9, MCL 35.602 to 35.610, when the board of trustees or county or district committee is deliberating the merits of an emergent need. A decision of the board of trustees or county or district committee made under this subsection must be reconsidered by the board or committee at its next regular or special meeting consistent with the requirements of this act. "Emergent need" means a situation that the board of trustees, by rules promulgated under the administrative procedures act of 1969, 1969 PA 306, MCL 24.201 to 24.328, determines requires immediate action.

(12) As used in subsection (2):

(a) "Formal vote" means a vote on a bill, amendment, resolution, motion, proposal, recommendation, or any other measure on which a vote by members of a state legislative body is required and by which the state legislative body effectuates or formulates public policy.

(b) "Medical condition" means an illness, injury, disability, or other health-related condition.

Sec. 3a. (1) A meeting of a public body held, in whole or in part, electronically by telephonic or video conferencing in compliance with this section and, except as otherwise required in this section, all of the provisions of this act applicable to a nonelectronic meeting, is permitted by this act in the following circumstances:

(a) Before January 1, 2021 and retroactive to March 18, 2020, any circumstances, including, but not limited to, any of the circumstances requiring accommodation of absent members described in section 3(2).

(b) On and after January 1, 2021 through December 31, 2021, only those circumstances requiring accommodation of members absent due to military duty, a medical condition, or a statewide or local state of emergency or state of disaster as described in section 3(2). For the purpose of permitting an electronic meeting due to a local state of emergency or state of disaster, this subdivision applies only as follows:

- (i) To permit the electronic attendance of a member of the public body who resides in the affected area.
- (ii) To permit the electronic meeting of a public body that usually holds its meetings in the affected area.

(c) After December 31, 2021, only in the circumstances requiring accommodation of members absent due to military duty as described in section 3(2).

(2) A meeting of a public body held electronically under this section must be conducted in a manner that permits 2-way communication so that members of the public body can hear and be heard by other members of the public body, and so that public participants can hear members of the public body and can be heard by members of the public body and other participants during a public comment period. A public body may use technology to facilitate typed public comments during the meeting submitted by members of the public participating in the meeting that may be read to or shared with members of the public body and other participants to satisfy the requirement under this subsection that members of the public be heard by others during the electronic meeting and the requirement under section 3(5) that members of the public be permitted to address the electronic meeting.

(3) Except as otherwise provided in subsection (8), a physical place is not required for an electronic meeting held under this section, and members of a public body and members of the public participating electronically in a meeting held under this section that occurs in a physical place are to be considered present and in attendance at the meeting for all purposes.

(4) If a public body directly or indirectly maintains an official internet presence that includes monthly or more frequent updates of public meeting agendas or minutes, the public body shall, in addition to any other notices that may be required under this act, post advance notice of a meeting held electronically under this section on a portion of the public body's website that is fully accessible to the public. The public notice on the website must be included on either the homepage or on a separate webpage dedicated to public notices for nonregularly scheduled or electronic public meetings that is accessible through a prominent and conspicuous link on the website's homepage that clearly describes its purpose for public notification of nonregularly scheduled or electronic public meetings. Subject to the requirements of this section, any scheduled meeting of a public body may be held as an electronic meeting under this section if a notice consistent with this section is posted at least 18 hours before the meeting begins. Notice of a meeting of a public body held electronically must clearly explain all of the following:

- (a) Why the public body is meeting electronically.
- (b) How members of the public may participate in the meeting electronically. If a telephone number, internet address, or both are needed to participate, that information must be provided specifically.
- (c) How members of the public may contact members of the public body to provide input or ask questions on any business that will come before the public body at the meeting.
- (d) How persons with disabilities may participate in the meeting.

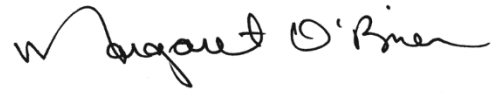
(5) Beginning on the effective date of the amendatory act that added this section, if an agenda exists for an electronic meeting held under this section by a public body that directly or indirectly maintains an official internet presence that includes monthly or more frequent updates of public meeting agendas or minutes, the public body shall, on a portion of the website that is fully accessible to the public, make the agenda available to the public at least 2 hours before the electronic meeting begins. This publication of the agenda does not prohibit subsequent amendment of the agenda at the meeting.

(6) A public body shall not, as a condition of participating in an electronic meeting of the public body held under this section, require a person to register or otherwise provide his or her name or other information or otherwise to fulfill a condition precedent to attendance, other than mechanisms established and required by the public body necessary to permit the person to participate in a public comment period of the meeting.

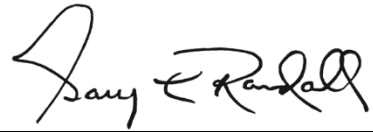
(7) Members of the general public otherwise participating in a meeting of a public body held electronically under this section are to be excluded from participation in a closed session of the public body held electronically during that meeting if the closed session is convened and held in compliance with the requirements of this act applicable to a closed session.

(8) At a meeting held under this section that accommodates members absent due to military duty or a medical condition, only those members absent due to military duty or a medical condition may participate remotely. Any member who is not on military duty or does not have a medical condition must be physically present at the meeting to participate.

This act is ordered to take immediate effect.



Secretary of the Senate



Clerk of the House of Representatives

Approved _____

Governor

November 16, 2020 Council Meeting

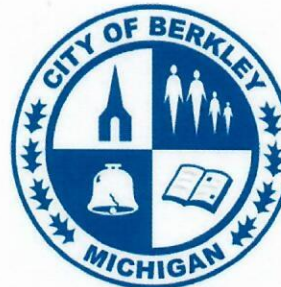
Moved by Councilmember _____ and seconded by Councilmember _____ to approve the City Manager to enter into an Ambulance Service Agreement between City of Berkley and Alliance Mobile Health. In consideration of the services to be performed by the Ambulance Service under this Agreement, the City shall pay the Ambulance Service for the term of this Agreement the sum of one dollar (\$1.00) annually. This Agreement shall be effective for a term commencing 7:00 AM December 1, 2020 for a three-year term ending 6:59 AM December 1, 2023.

Ayes:

Nays:



City of Berkley
Department of Public Safety



INTEROFFICE CORRESPONDENCE

DATE: November 9, 2020

TO: Matthew Baumgarten, City Manager

FROM: Matt Koehn, Director of Public Safety *MBK*

SUBJECT: Ambulance Service Agreement between City of Berkley and Alliance Mobile Health

Alliance Mobile Health (AMH) currently provides ambulance service for the City of Berkley, as well as a number of other local communities. The current agreement expired on October 3, 2020. The Department of Public Safety requests that the attached new agreement be approved by City Council. This is the same contract that recently expired and has not been modified since at least 2012.

The agreement has been reviewed by City Attorney John Staran.

The Department of Public Safety is satisfied with the current agreement and AMH is a great first responder partner. The quick response time of AMH during the height of the COVID pandemic reduced the direct contact of BDPS personnel with COVID patients.

The Department of Public Safety recommends approval for the City Manager to enter into an Ambulance Service Agreement between City of Berkley and Alliance Mobile Health. In consideration of the services to be performed by the Ambulance Service under this Agreement, the City shall pay the Ambulance Service for the term of this Agreement the sum of one dollar (\$1.00) annually. This Agreement shall be effective for a term commencing 7:00 AM December 1, 2020 for a three-year term ending 6:59 AM December 1, 2023.

CITY OF BERKLEY

AMBULANCE SERVICE AGREEMENT

This **Ambulance Service Agreement** is made on November 16, 2020, between the **City of Berkley**, a Michigan Municipal Corporation, with offices at 3338 Coolidge Highway, Berkley, Michigan 48072 which will hereafter be referred to as the “**City**”, and **Alliance Mobile Health**, a Michigan Non-Profit Corporation, with offices located at 2045 Austin Drive, Troy, MI 48083, which will hereafter be referred to as the “**Ambulance Service**”.

RECITALS

- Ambulance Service is a licensed ambulance company in the business of providing advanced life support and ambulance transport services to individuals and municipalities.
- The City desires to have Ambulance Service provide emergency medical, advanced life support, and transport services from locations within the City of Berkley.
- Ambulance Service is willing to perform such services for the City in accordance with the terms set forth in this Agreement.

NOW THEREFORE, in consideration of the mutual covenants and agreements contained in this Ambulance Service Agreement, the Ambulance Service and the City agree as follows:

I. Scope of Services

- A. The Berkley Department of Public Safety, a fully consolidated department providing Police, Fire, Non-Transporting EMS and 911 PSAP service, will contact or transfer EMS calls for service to the Ambulance Service when its services are required. The Ambulance Service shall respond to emergency runs, with a transporting ambulance, within six (6) minutes of the time the Department of Public Safety dispatches the ambulance service ninety percent (90%) of the time. For non-emergency runs, the Ambulance Service shall respond without the use of red lights and sirens within fifteen (15) minutes of the time that the City Dispatcher dispatches the ambulance service ninety percent (90%) of the time.
- B. Patient Care – Patient care decisions shall be made by the licensed emergency medical services personnel with the most advanced level of certification or licensure under the Emergency Medical Services Act who is available at the scene. In order to obtain the highest patient care possible, the Ambulance Service and its employees, as well as the City and its employees, shall cooperate with respect providing patient care.

- C. Transferring of Patients – The Ambulance Service shall be responsible for the loading of all patients into the ambulance. Where necessary, City personnel shall assist. Once a patient is placed into the ambulance, the Ambulance Service is responsible for patient care.
- D. Patients in Custody – When a patient is considered in custody the patient shall be supervised by the public safety officer assigned to that detail. The Ambulance Service will not interfere with police or crime scene operations.
- E. In Custody Blood Draws – The Ambulance Service shall execute court ordered or voluntary blood draws for person's accused of operating a motor vehicle under the influence or alcohol or drugs at the Berkley Department of Public Safety utilizing in service road crews. If there is any charge for this service, this will be billed to the City under the Cost Recovery program for Court ordered blood draws and to the prisoner for voluntary blood draws.
- F. Transporting of Department Personnel – The Ambulance Service shall provide transportation to Public Safety Personnel from the hospital to the Berkley Department of Public Safety or the original response scene when the Public Safety Officers are required to accompany a patient or prisoner to the hospital.
- G. Training – The Ambulance Service will collaborate with the department for combined training that will benefit both the Ambulance Service employees and members of the Berkley Department of Public Safety.
- H. Additional Resources & Special Events – The Ambulance Service, in cooperation and partnership with the Department of Public Safety will provide additional resources to the City of Berkley for City sponsored special events at no cost to the City. The Ambulance Service shall reserve the right to invoices patient's for care administered under this section as it would under Section IV, sub-section A. In cases where third party events are held within the geographic area of the City of Berkley, the Ambulance service shall reserve the right to negotiate a separate agreement with the third party. Any services provided to this third party shall not effect any service expectations of this agreement for the City of Berkley.

II. Ambulances

- A. The Ambulance Service shall be required to maintain at least three (3) ambulances which are not more than five (5) years old to provide service to persons needing such care.
 - i. One (1) of these three (3) ambulances shall be designated for service to the geographical area of City of Berkley;
 - ii. Two (2) additional ambulances shall be available 24 hours a day, seven days a week.

- B. Each ambulance must be capable of carrying:
 - i. Four (4) patients in a sitting position and/or one (1) stretcher patient
 - ii. Meet all applicable laws, rules and regulations relating to their operation
 - iii. Be in good working condition so as to be able to provide safe and comfortable transportation for each patient in a climate-controlled patient compartment.
- C. The ambulances used within the City of Berkley shall be subject to periodic inspection by the City.

III. Ambulance Service Personnel

- A. Each ambulance shall be staffed by two (2) persons (Attendants), who shall meet the following criteria:
 - i. Each Attendant shall comply with all laws, rules, regulations, protocols, standards, guidelines, operational procedures, and licensing requirements, as such may be amended from time to time, of any unit of government, including federal, state, county or municipal governments or governing bodies or any branch thereof, pertaining to the subject matter of this Agreement, and shall at all times maintain an effective Michigan chauffeur's or operator's license;
 - ii. Each Attendant staffing an ambulance providing services pursuant to this Agreement shall be certified, authorized and licensed by the State of Michigan to provide emergency medical services as a paramedic;
 - iii. No Attendant shall operate any vehicle or perform any services to be rendered pursuant to this Agreement while under the influence of or visibly impaired due to the consumption of intoxicating liquor or a controlled substance, or a combination of intoxicating liquor or controlled substance as such terms are defined under the Motor Vehicle Code of the State of Michigan;
 - iv. Each Attendant shall be fit to operate an ambulance, including any requirements, standards or guidelines established by any laws, regulations, standards, or protocols regulating the provision of such services;
 - v. Each Attendant shall be able to speak, read, write and understand English. In addition, each Attendant must present a professional, well-groomed appearance wearing company-identifiable, approved uniform; and

- B. The City has the right to unilaterally require the reassignment by the Ambulance Service of any Ambulance Service personnel if the subject employee fails to perform his/her duties in accordance with this Agreement or fails to cooperate with City personnel with respect to providing patient care if it's deemed in the best interest of patient care that such employee be reassigned. The City shall advise the Ambulance Service of dissatisfaction with the employee's performance prior to requesting such action. Any such action shall not violate Paragraph 13, Fair Employment Practices. The Ambulance Service shall indemnify and hold the City harmless against any claims made by any person arising from the exercise of the City's rights under this Section. The purpose of this Section is to maximize harmonious field operations between the Ambulance Service and the City in order to deliver the highest level of patient care.

IV. Compensation and Fees

- A. Fee Schedule – In consideration of the services to be performed by the Ambulance Service under this Agreement, the City shall pay the Ambulance Service for the term of this Agreement the sum of one dollar (\$1.00) annually in consideration for the Ambulance Service Contract. The Ambulance Service shall be paid for the services provided by the patients, their insurance companies and health care plans. The collection of such fees shall be the responsibility of the Ambulance Service and not the City. The Ambulance Service shall submit as part of its proposal a suggested User Fee Schedule for review by the City. The Ambulance Service may modify the fee schedule during the term of the Agreement to guarantee optimal service provided it gives the City thirty (30) days advanced written notice of any such modification. No discriminatory fees shall be charged. The fees charged in the City of Berkley shall be no more than those charged elsewhere for comparable services. The Ambulance Service shall accept assignment and in cases of indigent patients, the Ambulance Service shall to the best of its ability set up payment schedules or write off unpaid balances if necessary.
- B. Replenishment of Medical Supplies Used – In compliance with the Safe Harbor for ambulance restocking programs allowed for in the Stark Law, the Ambulance Service agrees to replenish for the City on a monthly basis all disposable medical supplies utilized by the City during patient care. The City EMS Coordinator will provide the Ambulance Service, on a monthly basis, an itemized list of the medical supplies utilized for which Ambulance Service shall be responsible for replenishment. The Ambulance Service shall replenish the supplies within ten (10) days after receipt of the list with the supplies specified. The Ambulance Service and City EMS Coordinator will also maintain a rotation for Type D Oxygen Bottles provided by the Ambulance Service for patient care.

- C. To the best knowledge of the City and the Ambulance Service, the fees required to be paid by the Ambulance Service to the City under this Agreement comply with applicable laws in effect as of the date of this Agreement. If the fees for services rendered that are required to be reimbursed under this Agreement are determined to exceed the maximum fees permitted by law (the "maximum fee"), then the amount in excess of the maximum fee shall be considered a partial prepayment of fees due the City for subsequent months when this Agreement is in effect, and the fees for services for subsequent months shall be based on the maximum fee permitted by law. Notwithstanding the preceding sentence, however, if the fees to be paid are adjusted to comply with the maximum fee permitted by law, and such reimbursement rate is not acceptable to the City for the balance of the term of this Agreement, then the City may, at its option, terminate this Agreement upon thirty (30) days written notice to the Ambulance Service. The City and the Ambulance Service agree to do a final reconciliation of reimbursement due within sixty (60) days of the date of termination if the reimbursement schedule is found to exceed the amount permitted by law.

V. Control by the City

- A. The parties acknowledge that all patient care decisions made on the scene or during transportation to any medical facility, while accompanied by City personnel, shall be made by the highest qualified provider of emergency medical services in accordance with the Emergency Medical Services Act. In the instances of Crime Scene operations and Fire operations the city's Public Safety Officer's shall be in charge, unless directed otherwise by a physician providing medical direction to the City personnel.

VI. Indemnification

- A. The Ambulance Service expressly agrees to indemnify and hold the City of Berkley, its employees, appointed and elected officials, and volunteers and other individuals working on behalf of the City of Berkley, harmless against any losses, costs, expenses, damage, liabilities, or claims whether groundless or not, arising out of bodily injury, sickness or disease, including death resulting at any time there from, which may be sustained or claimed by any person or persons, or destruction of any property, (including the loss of use thereof) based on any act or omission, negligent or otherwise, of the Ambulance Service or anyone else acting on its behalf, relating to this Agreement, except that the Ambulance Service shall not be responsible for indemnification to the City for damages or injuries caused by or resulting from the City's sole negligence; and the Ambulance Service shall at its own cost and expense, defend any such claim and any suit, action or proceeding which may be commenced there under and the Ambulance Service shall pay any and all judgments which may be recovered in any suit, action or proceeding and any and all expenses, including but not limited to costs, attorney fees and settlement expenses as they relate in any way to this contract for demolition.

VII. Insurance

A. The Ambulance Service shall be required to maintain the following insurance during the term of this contract:

- i. General Liability Insurance – The Ambulance Service shall procure and maintain during the life of this Agreement General Liability Insurance with limits of liability not less than:
 1. One Million dollars (\$1,000,000.00) each occurrence
 2. One Million dollars (\$1,000,000.00) personnel injury
 3. Five Million dollars (\$5,000,000.00) general aggregate
- ii. Motor Vehicle Liability – The Ambulance Service shall procure and maintain during the life of this Agreement Motor Vehicle Liability Insurance, including Michigan No-Fault Coverage, for all owned vehicles, all non-owned vehicles and all hired vehicles with limits of liability of not less than:
 1. One Million dollars (\$1,000,000.00) each occurrence
 2. One Million dollars (\$1,000,000.00) uninsured motorist
- iii. Workers' Compensation Insurance – The Ambulance Service shall procure and maintain during the life of this Agreement Workers' Compensation Insurance, in accordance with all applicable statutes of the State of Michigan including Employers Liability Coverage with a minimum limit of:
 1. One Million dollars (\$1,000,000.00) each occurrence
 2. Five Million dollars (\$5,000,000.00) shared aggregate
- iv. Professional Liability – The Ambulance Service shall procure and maintain during the life of this Agreement Professional Liability Insurance, with limits of not less than:
 1. One Million dollars (\$1,000,000.00) each occurrence
 2. Five Million dollars (\$5,000,000.00) aggregate
- v. Additional Insured – The General Liability and Motor Vehicle Liability Insurance, as described above, shall include an endorsement stating the following shall be "Additional Insured": City of Berkley, including all elected and appointed officials, and all employees or others working on behalf of the City. This coverage shall be primary to the Additional Insured and not contributing with any other insurance or similar protection available to the additional insured parties, whether said other available coverage be primary, contributing or excess.

B. The Ambulance Service shall not commence work under the proposed Agreement until it has obtained the insurance required by this Section.

VIII. Proof of Insurance Coverage

A. The Ambulance Service shall provide the City at the time the Agreements have been executed by the City, certificates and policies on the standard City form as listed below:

- i. Two (2) copies of Certificate of Insurance for General Liability Insurance;
- ii. Two (2) copies of Certificate of Insurance for Motor Vehicle Liability Insurance;
- iii. Two (2) copies of Certificate of Insurance for Workers' Compensation Liability Insurance;
- iv. Two (2) copies of Certificate of Insurance for Professional Liability Insurance.

B. If any of the above coverage expires during the term of this Agreement, or is required to be modified as a result of changed insurance requirements, the Ambulance Service shall deliver renewal certificates and/or revised policies (as the case may be) to the City at least ten (10) days prior to the expiration date (in the case of a renewal) or within thirty (30) days of the date of notification of the change. Copies of the insurance shall be provided to: Mark Pollock

Director of Finance
City of Berkley
3338 Coolidge Highway
Berkley, MI 48072

IX. Contract

A. The City intends to use the Ambulance Service for all ordinary calls for ambulance transportation which are received by the City, except in unusual circumstances, where it is in the best interest of the patient to have those services provided by the City or another qualified provider.

X. Additional Ambulances on Multiple Casualty or Major Emergencies

A. In the case where a multiple casualty or life-threatening disaster or major emergency, the Ambulance Service may be required to provide an additional two (2) ambulances which shall arrive on the scene within fifteen (15) minutes after requested.

XI. Mutual Aid

A. In the case where a multiple casualty or life-threatening disaster or major emergency occurs and where the Ambulance Service resources are unable to transport all victims in a timely fashion, the Ambulance Service must execute a mutual aid request with another ambulance company in accordance with Oakland County Medical Control Authority protocols. In order for the service during these circumstances to be as flawless as possible:

- i. The Ambulance Service will be responsible for contacting the secondary provider.
- ii. The Ambulance Service will contact the Berkley Department of Public Safety with the location the secondary provider is responding from and an Estimated Time of Arrival.

XII. Fire Standby

A. When notified by the City of a fire to which the City's Public Safety Department has responded, Ambulance Service shall arrive, for standby purposes, within (8) minutes, at the scene of the fire with one (1) ambulance in addition to meeting the requirements of Section II.

XIII. Loans of Spare Medical Parts and Equipment

A. Each party to this Agreement shall loan to the other party, upon request, spare medical parts or equipment on an emergency need basis at no cost provided that the borrowing party shall be required to promptly return the same. This provision may be waived if the loaning of such parts or equipment would leave the party making the loan with insufficient equipment or parts to be able to perform services as required by this Agreement or by another agreement to which the loaning party is a party.

XIV. Fair Employment Practices

A. The Ambulance Service agrees as a condition of this contract that it will not discriminate against any person, employer or applicant for employment with respect to his hire, tenure, terms, conditions, or privileges of employment because of his or her religion, race, color, national origin, age, sex, height, weight, sexual orientation, marital status or handicapped which is unrelated to his ability to perform the duties of the job or position.

XV. Assignment

A. There shall be no assignment of this Agreement or any interest in it without the prior written approval of the City. The Ambulance Service agrees that it will not subcontract any of its services without the prior written consent of the City. If control of the entity providing the service changes during the term of the contract, the City may at its option declare a breach of this Agreement unless the City has previously approved the new controlling party.

XVI. Independent Contractor Relationship

- A. The relation between the Ambulance Service and the City shall be that of an independent contractor.

XVII. Performance Evaluations

- A. The Ambulance Service will provide performance reports as may be required by the City at the discretion and request of the City.

XVIII. Non-Waiver of Breach

- A. No failure by the City to insist upon the strict performance of any covenant, term or condition of this Agreement or to exercise any right, term, or remedy consequent upon a breach thereof, shall constitute a waiver of any such Agreement, but each and every covenant, term and condition of this Agreement shall continue in full force and effect with respect to any other then existing or subsequent breach thereof.

XIX. Continuation of Service During Dispute

- A. In the interest of providing continuance of service to its patients, the Ambulance Service agrees to continue providing service under this Agreement during the time of any dispute unless enjoined by a court of competent jurisdiction or ordered by the Michigan Department of Public Health.

XX. Governing Law; Compliance with Laws, Protocols, Rule And Regulations

- A. This Agreement shall be governed by and construed in accordance with the laws of the State of Michigan, applicable Oakland County medical protocols and other applicable laws, rules and regulations, as amended from time to time. In the event of a conflict between any of the above, the provision upholding the highest level of patient care shall control.

XXI. Effect of Invalidity

- A. If any provision of this Agreement, or the application thereof to any person or circumstance, shall, to any extent, be judicially determined to be invalid or unenforceable, the reminder of this Agreement, or the application of such provision to any person or circumstance other than those as to which it is invalid or unenforceable, shall not be affected thereby, and each provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law.

XXII. Term

- A. The term of this Agreement shall be Three (3) years. Notwithstanding the preceding sentence, this Agreement may be terminated at any time upon the mutual written agreement of both parties, or may be terminated by the City pursuant to Section XXIII. Notwithstanding the date of execution, this Agreement shall be effective as of 7:00 AM December 1, 2020 for a three-year term ending 6:59 AM December 1, 2023.

XXIII. Termination by the City

- A. The City may terminate this Agreement in the event that Ambulance Service, or any agent or employee of Ambulance Service, violates or fails to comply or maintain compliance with any term of this Agreement, or any applicable law, rule, regulation, protocol, standard, guideline, operational procedure or licensing requirement, as such may be amended from time to time, of any unit of government, including federal, state, county, or municipal governments or governing bodies, or any branch thereof, allowance of any required insurance to lapse, initiates or has initiated against it any proceeding in bankruptcy or an assignment for the benefit of creditors, maintains or circulates or provides false information of any kind, or fails to comply with careful dispatch directions. Such termination under this Section shall be effective upon receipt by Ambulance Service of written notice by the City of a statement of the City's intention to effect such termination and the reason or reasons therefore.

XXIV Title VI Compliance

- A. **Compliance with Regulations:** The contractor shall comply with the Regulations relative to non-discrimination in Federally-assisted programs of the Department of Transportation, title 49, code of Federal Regulations, Part 21 as they may be amended from time to time, (hereinafter referred to as the Regulations), which are herein incorporated by reference and made a part of this contract.
- B. **Non-discrimination:** The contractor, with regard to be performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including the procurements of materials and leases of equipment. The contractor shall not participate either directly or indirectly in the discrimination prohibited by section 21.5 of the Regulation, including employment practices when the contractor covers a program set forth in Appendix B of the Regulations.
- C. **Solicitations for Subcontracts, Including Procurements of Materials and Equipment:** In all solicitations either by competitive bidding or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Regulations relative to non-discrimination on the grounds of race, color or national origin.

D. **Information and Reports:** The contractor shall provide all information and reports required by the Regulations, or directives issued pursuant thereto, and shall permit access to its books, records, accounts, other sources of information, and its facilities as may be determined by the City of Berkley to be pertinent to ascertain compliance with such Regulations or directives. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish this information, the contractor shall so certify to the State highway department, or the Federal Highway Administration as appropriate, and shall set forth what efforts it has made to obtain the information.

E. **Sanctions for Non-compliance:** In the event of the contractor's non-compliance with the non-discrimination provisions of this contract, the City of Berkley shall impose such contract sanctions as it or the Federal Highway Administration may determine to be appropriate, including, but not limited to:

- (a) Withholding of payments to the contractor under the contract until the contractor complies, and/or
- (b) Cancellation, termination or suspension of the contract, in whole or in part.

F. **Incorporation of Provisions:** The contractor shall include the provisions of paragraphs (A) through (F) in every subcontract, including procurement of materials and leases of equipment, unless exempt by the Regulations, or directives issued pursuant thereto. The contractor shall take such action with respect to any subcontract or procurement as the city of Berkley may direct as a means of enforcing such provisions including sanctions for non-compliance; Provided, however, that, in the event a contractor becomes involved in, or is threatened with litigation with a subcontractor or supplier as a result of such direction, the contractor may request the City of Berkley to enter into such litigation to protect the interests of the City, and in addition, the contractor may request the State highway department to enter into such litigation to protect the interests of the State and/or the United states to enter into such litigation to protect the interests of the United States.

The City and Ambulance Service have executed this Agreement on November 16, 2020.

City of Berkley

By: _____
City Manager

By: _____
City Clerk

Alliance Mobile Health

By: _____
Vince Waryas, Executive Director

November 16, 2020 City Council Meeting

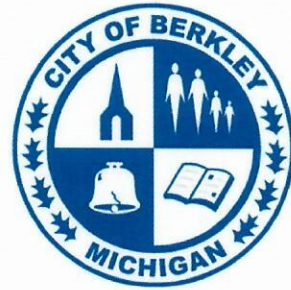
Moved by Councilmember _____ and seconded by Councilmember _____ to approve the purchase of 12 Motorola APX6000XE Public Safety Portable Radios, 12 XE Remote Speaker Microphones, 12 Single Unit Impress 2 Battery Chargers, 1 APX6500 "Dual Control Head" Mobile Radio with installation, and 13 Permanent Mount Vehicular Battery Chargers with Installation from ComSource, Inc., 41271 Concept Dr., Plymouth, MI 48170 at a price not to exceed \$84,134.85 from the "Radio Equipment" Account #101-310-984-000. This purchase will be made from the State of Michigan's Extended Purchasing Program (MiDEAL) Contract #190000001544.

Ayes:

Nays:



City of Berkley
Department of Public Safety



INTEROFFICE CORRESPONDENCE

DATE: November 9, 2020

TO: Matthew Baumgarten, City Manager

FROM: Matt Koehn, Director of Public Safety *MBK*

SUBJECT: REQUEST TO PURCHASE MICHIGAN PUBLIC SAFETY COMMUNICATIONS SYSTEM (MPSCS) COMBATABLE PROJECT 25 (P25) RADIOS AND ACCESSORIES

OpenSky, the current radio system that is used by the Berkley Department of Public Safety, and the rest of Oakland County police/fire/public safety departments (with the exception of Southfield Police and Fire) was implemented in 2010. The current system is a standalone Oakland County system with very limited interoperability with the remainder of the State. There are frequent issues with this system and BDPS frequently has issues with coverage and penetration, especially in buildings. This coverage is particularly poor in larger buildings, such as schools. We are also struggling to obtain replacement parts and radios and have been making such purchases on eBay.

After extensive research, Oakland County has decided to migrate to a Michigan Public Safety Communications System (MPSCS) compatible Project 25 (P25) radio system. P25 is a standards development process for the design, manufacture, and evaluation of interoperable digital two-way land mobile radio systems communications products created by and for public safety professionals. This system will be owned and operated by Oakland County, with seamless interoperability with most other departments in the State. Because I am a member of both the Courts and Law Enforcement Management Information System (CLEMIS) Radio Oversight Committee and the Radio Policy Committee, I have been very involved in the project. The projected "live" date for this new system is projected for July, 2022.

Oakland County will be providing BDPS with approximately \$600,000 in radios, remote speaker microphones, consoles, batteries, accessories, installation, programming, and MPSCS "Onboarding" fees. The City of Berkley is responsible for the required additional radios, remote speaker microphones, batteries,

accessories, installation, programming, and MPSCS "Onboarding" fees that are not being provided.

BDPS has budgeted (in Radio Equipment 101-310-984-000) \$10,000 in FY 20/21, \$75,000 in FY 21/22, and \$75,000 in FY 22/23 for this purpose. Due to the need to have the majority of the radios purchased by BDPS well in advance of the implementation date for programming, we have requested to move the FY 21/22 and FY 22/23 funds forward one year.

The Department of Public Safety requests approval to purchase the following radios/equipment:

- 12 Motorola APX6000XE Public Safety Portable Radios
- 12 XE Remote Speaker Microphones
- 12 Single Unit Impress 2 Battery Chargers
- 1 APX6500 "Dual Control Head" Mobile Radio with installation
- 13 Permanent Mount Vehicular Battery Chargers with Installation

The total cost of this initial purchase is \$84,134.85 (see attached quote for specifics).

Unlike our current radios, the APX6000XE portable radios, XE remote speaker microphones, and all batteries are intrinsically safe (for operation in hazardous areas by limiting the energy, electrical and thermal, available for ignition in areas with dangerous concentrations of flammable gases or dust).

The remainder of the radios, speaker microphones, batteries, accessories, installation, programming, and all MPSCS "Onboarding" fees will be purchased in FY 21/22.

This purchase will be made from the State of Michigan's Extended Purchasing Program (MiDEAL) Contract #190000001544. It should be noted that Oakland County has negotiated an additional 10% discount (equaling an additional \$8,413.48 savings) on all orders placed before December 1, 2020 and that all warranties do not start until Oakland County has accepted the P25 radio system and it is live.

The Department of Public Safety requests approval to purchase the above necessary radios, remote speaker microphones, battery chargers, and installation from ComSource, Inc., 41271 Concept Dr., Plymouth, MI 48170 at a price not to exceed \$84,134.85 from the "Radio Equipment" Account #101-310-984-000.

Please feel free to contact me with any questions.



MOTOROLA

Date: November 3, 2020
Prepared For: Director Matt Koehn
Entity: Berkley Department of Public Safety
2395 12 Mile Road
Berkley, MI 48072
Phone: 248-658-3389

Prepared BY: ED HORVATH
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PROMOTIONAL PRICING

Equipment Details and Pricing

Item	Qty	Model	Description	MSRP	PROMO Disc. %	Unit Price	Total Price
APX6000XE PORTABLE RADIO							
1	8	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE-ENHANCE	\$ 3,026.00	40%	\$ 1,815.60	\$ 14,524.80
1A	8	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$ 515.00	40%	\$ 309.00	\$ 2,472.00
1B	8	H38	ADD: SMARTZONE OPERATION	\$ 1,200.00	40%	\$ 720.00	\$ 5,760.00
1C	8	Q361	ADD: P25 9600 BAUD TRUNKING	\$ 300.00	40%	\$ 180.00	\$ 1,440.00
1D	8	QA00580	ADD: TDMA OPERATION	\$ 450.00	40%	\$ 270.00	\$ 2,160.00
1E	8	QA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	40%	\$ 120.00	\$ 960.00
1F	8	QA09006	ADD: ADAPTIVE NOISE SUPPRESSION	\$ 150.00	40%	\$ 90.00	\$ 720.00
1G	8	QA02006	ENH: APX6000XE RUGGED RADIO	\$ 800.00	40%	\$ 480.00	\$ 3,840.00
1H	8	H122	ALT: 1/4- WAVE 7/800 GPS STUBBY (NAR6595A	\$ 24.00	40%	\$ 15.00	\$ 120.00
1I	8	Q887	ADD: 5Y ESSENTIAL SERVICE	\$ 206.00	0%	\$ 206.00	\$ 1,648.00
1J	8	H799	ADD: TEST RESULTS / RATED AUDIO PRINTOUT	\$ 10.00	40%	\$ 6.00	\$ 48.00
1K	8	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	40%	\$ 444.00	\$ 3,552.00
1L	8	QA09001	ADD: WIFI CAPABILITY	\$ 300.00	40%	\$ 180.00	\$ 1,440.00
1M	8	QA09007	ADD: OUT OF THE BOX WIFI PROVISIONING	\$ -	40%	\$ -	\$ -
1N	8	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 5.00	40%	\$ 3.00	\$ 24.00
1O	8	Q15	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 799.00	40%	\$ 479.40	\$ 3,835.20
APX6000XE BLACK PORTABLE RADIO SUB TOTAL				\$ 8,725.00		\$ 5,318.00	\$42,544.00
2	4	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE-ENHANCE	\$ 3,026.00	40%	\$ 1,815.60	\$7,262.40
2A	4	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$ 515.00	40%	\$ 309.00	\$1,236.00
2B	4	H38	ADD: SMARTZONE OPERATION	\$ 1,200.00	40%	\$ 720.00	\$2,880.00
2C	4	Q361	ADD: P25 9600 BAUD TRUNKING	\$ 300.00	40%	\$ 180.00	\$720.00
2D	4	QA00580	ADD: TDMA OPERATION	\$ 450.00	40%	\$ 270.00	\$1,080.00
2E	4	QA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	40%	\$ 120.00	\$480.00
2F	4	QA09006	ADD: ADAPTIVE NOISE SUPPRESSION	\$ 150.00	40%	\$ 90.00	\$360.00
2G	4	QA02006	ENH: APX6000XE RUGGED RADIO	\$ 800.00	40%	\$ 480.00	\$1,920.00
2H	4	H122	ALT: 1/4- WAVE 7/800 GPS STUBBY (NAR6595A	\$ 24.00	40%	\$ 15.00	\$60.00
2I	4	Q887	ADD: 5Y ESSENTIAL SERVICE	\$ 206.00	0%	\$ 206.00	\$824.00

Ed Horvath
ComSource Inc
41271 Concept Dr.
Plymouth, MI 48170
313-218-3450 Cell
734-459-0769 Fax

2J	4	H799	ADD: TEST RESULTS / RATED AUDIO PRINTOUT	\$ 10.00	40%	\$ 6.00	\$24.00
2K	4	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	40%	\$ 444.00	\$1,776.00
2L	4	QA09001	ADD: WIFI CAPABILITY	\$ 300.00	40%	\$ 180.00	\$720.00
2M	4	QA09007	ADD: OUT OF THE BOX WIFI PROVISIONING	\$ -	40%	\$ -	
2N	4	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 5.00	40%	\$ 3.00	\$12.00
2O	4	Q15	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 799.00	40%	\$ 479.40	\$1,917.60
2P	4	QA01427	IMPACT HOUSING GREEN	\$ 25.00	40%	\$ 15.00	\$60.00
APX6000XE GREEN PORTABLE RADIO SUB TOTAL				\$ 8,750.00		\$ 5,333.00	\$21,332.00

APX6000 XE ACCESSORIES

3	4	NNTN8575A	IMPRES XE RSM XT CABLE GREEN	\$ 538.00	35%	\$ 349.70	\$ 1,398.80
4	12	NNTN8860A	CHARGER, SINGLE-UNIT, IMPRES 2	\$ 165.00	35%	\$ 107.25	\$ 1,287.00
5	8	NNTN8575ABLK	IMPRES XE RSM XT CABLE BLACK	\$ 538.00	35%	\$ 349.70	\$ 2,797.60
5a	13	NNTN7624C	VEHICULAR CHARGER PERMANENT MOUNT	\$ 565.00	35%	\$ 367.25	\$ 4,774.25
APX6000 PORTABLE ACCESSORIES SUB TOTAL							\$10,257.65

APX6500-DUAL CONTROL HEAD MOBILE RADIO

6	1	M25URS9PW1BN	APX 6500 700/800 MHZ-ENHANCED	\$ 2,738.00	40%	\$ 1,642.80	\$ 1,642.80
6A	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$ 515.00	40%	\$ 309.00	\$ 309.00
6B	1	G51	ENH: SMARTZONE OPERATION APX6500	\$ 1,200.00	40%	\$ 720.00	\$ 720.00
6C	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$ 300.00	40%	\$ 180.00	\$ 180.00
6D	1	GA00580	ADD: TDMA OPERATION APX	\$ 450.00	40%	\$ 270.00	\$ 270.00
6E	1	GA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	40%	\$ 120.00	\$ 120.00
6F	1	GA01670	ADD: E5 CONTROL HEAD	\$ 572.00	40%	\$ 343.20	\$ 343.20
6G	1	W116	ADD: EXTERNAL ALARM RELAY AND CABLE	\$ 75.00	40%	\$ 45.00	\$ 45.00
6H	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$ -	40%		
6I	1	G67	ADD: REMOTE MOUNT APXM	\$ 297.00	40%	\$ 178.20	\$ 178.20
6J	1	G335	ADD: ANT 1/4 WAVE 762-870 MHZ	\$ 14.00	40%	\$ 8.40	\$ 8.40
6K	2	W22	ADD: STD PALM MICROPHONE APEX (INCLUDES 2)	\$ 72.00	40%	\$ 43.20	\$ 86.40
6L	2	W432	ADD: AUXILARY SPKR 13W (INCLUDES 2)	\$ 71.50	40%	\$ 42.90	\$ 85.80
6M	1	GA00092	ADD: APXM DUAL CH	\$ 570.00	40%	\$ 342.00	\$ 342.00
6N	1	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$ 25.00	40%	\$ 15.00	\$ 15.00
6O	1	GA00235	ADD: NO GPS ANTENNA NEEDED	\$ -	40%		
6P	1	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$ 246.00	0%	\$ 246.00	\$ 246.00
6Q	1	G799	ADD: PRINTED TEST RESULTS APX	\$ 10.00	40%	\$ 6.00	\$ 6.00
6R	1	GA01579AB	ADD: COVERT WIFI GLASSMOUNT	\$ 70.00	40%	\$ 42.00	\$ 42.00
6S	1	GA09001	ADD: WI-FI CAPABILITY	\$ 300.00	40%	\$ 180.00	\$ 180.00
6T	1	GA09007	ADD: OUT OF THE BOX WI-FI PROVISIONING	\$ -	40%		
6U	1	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 30.00	40%	\$ 18.00	\$ 18.00
6V	1	G851	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 799.00	40%	\$ 479.40	\$ 479.40
6W	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	40%	\$ 444.00	\$ 444.00

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			APX6500 DCH MOBILE RADIO SUB TOTAL	\$ 5,675.10	\$ 5,761.20
			INSTALLATION SERVICES		
7	1	LSV00Q00203A	DEVICE INSTALLATION-MOBILE RADIO	\$ 600.00	\$600.00
8	13	LSV00Q00203A	DEVICE INSTALLATION-VEHICULAR CHARGER	\$ 280.00	\$3,640.00
			INSTALLATION SUB TOTAL		\$4,240.00
			SYSTEM GRAND TOTAL		\$84,134.85

NOTES: CUSTOMER IS RESPONSIBLE FOR PAYING ANY APPLICABLE USER FEES TO OAKLAND COUNTY MPSCS \$3,250.00 AND/OR MPSCS.

1. Quotes are **exclusive** of installation and programming charges unless expressly stated herein.
2. Prices quoted are exclusive of all applicable Federal Excise Taxes, State Sales and Use Taxes.
3. Prices are valid UNTIL 12/1/20.
4. Standard Equipment Warranty Applies Unless Otherwise Specified
5. Standard Terms are: Net 30 Days from shipment
6. Shipment is approximately 2-4 weeks from receipt of order.
7. Prices are based on State of Michigan Contract # 190000001544
8. The purchase order will need to provide payment terms (Net 30), shipping address

APX™ 6000XE SINGLE-BAND PORTABLE RADIO



From day one, the APX 6000XE P25 two-way portable radio has met agencies' most demanding performance expectations. It delivers trusted performance in a single-band solution without compromising on the extreme form factor or features that are required for routine activities and emergencies. Now, as the ever increasing needs of public safety personnel grow, we are evolving the APX 6000XE to support new technologies like Wi-Fi®, Adaptive Audio Engine, and Bluetooth® 4.0 wireless technology.

VOICE AND DATA, ALL AT ONCE

Update your radio fleet without interrupting voice communications with secure Wi-Fi. This dramatically improves the speed of configuring new codeplugs, firmware and software features over-the-air via Radio Management*. Agencies can pre-provision up to 20 secure Wi-Fi hotspots so personnel can easily access updates at the facility or in the field.

HEAR AND BE HEARD

The APX 6000XE is equipped with a 3-watt speaker, 3 integrated microphones and Adaptive Audio Engine. This changes the level of noise suppression, microphone gain, windporting and speaker equalization to produce clear and loud audio in any environment.

EMERGENCY FIND ME

Bluetooth 4.0 places a wide range of wireless accessories at your disposal and provides personnel with an added level of security by improving response time in emergencies. With Emergency Find Me, a Bluetooth-enabled beacon signal guides other Bluetooth-enabled APX radios within range to assist the user in distress.

CLEAR IN-MASK COMMUNICATIONS

With Bluetooth 4.0 standard on all APX XE radios, we are able to partner with SCBA industry leaders to provide in-mask communications so you can clearly hear and be heard. Collaborations with both MSA and Scott Safety allow us to deliver intelligible voice and data communications.

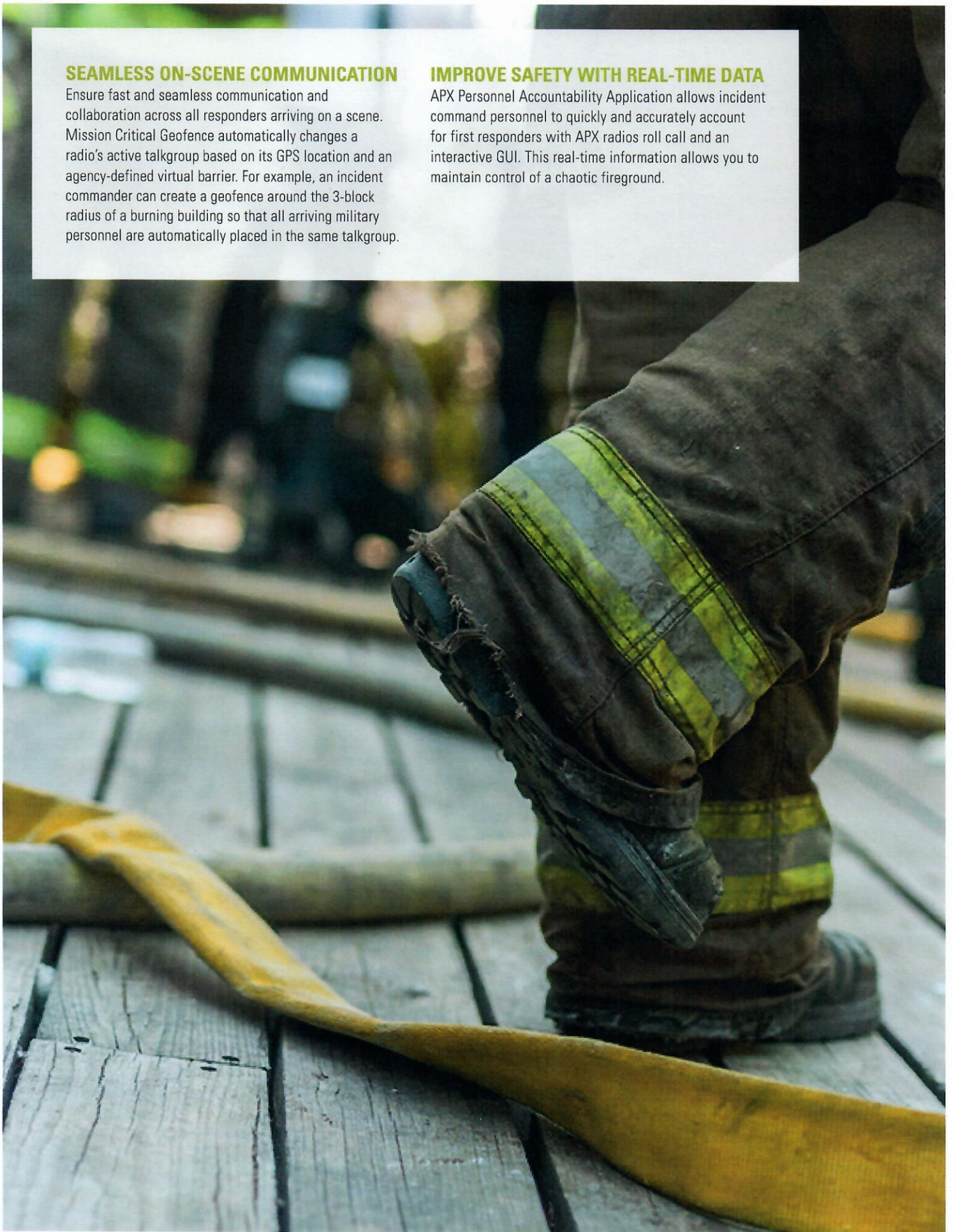


SEAMLESS ON-SCENE COMMUNICATION

Ensure fast and seamless communication and collaboration across all responders arriving on a scene. Mission Critical Geofence automatically changes a radio's active talkgroup based on its GPS location and an agency-defined virtual barrier. For example, an incident commander can create a geofence around the 3-block radius of a burning building so that all arriving military personnel are automatically placed in the same talkgroup.

IMPROVE SAFETY WITH REAL-TIME DATA

APX Personnel Accountability Application allows incident command personnel to quickly and accurately account for first responders with APX radios roll call and an interactive GUI. This real-time information allows you to maintain control of a chaotic fireground.





SPECIFICATIONS

RF BANDS

- 700/800 MHz, VHF, UHF Range 1 & UHF Range 2
- 9600 Baud Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA Trunking
- 3600 Baud SmartNet®, SmartZone®, SmartZone, Omnilink Trunking
- Digital APCO 25, Conventional, Analog MDC 1200, Quick Call II System Configurations Narrow and Wide Bandwidth Digital Receiver (6.25 kHz Equivalent/25/20/12.5 KHz)

STANDARD FEATURES

- Mission Critical Wireless Bluetooth 4.0 (LE)¹
- Emergency Find Me¹
- IP68 (2m/4hr), Mil Std 512.X Delta - T
- Listed by UL to the standards ANSI/TIA 4950-A and CAN/CSA C22.2 NO. 157-92 Classification Rating: Class I, Division 1, Groups C, D; Class II, Division 1, Group E, F, G; Class III, Hazardous (Classified) Locations. ANSI/ISA 12.12.01-2015 and CAN/CSA C22.2 No. 213-15; Class I, Division 2, Groups A, B, C, D; T3C. Tamb = -25 °C to +60 °C. When used with Motorola Battery: NNTN8921A NNTN8930A (Standard on XE) 7.4V
- ASTRO 25 Integrated Voice & Data
- Integrated GPS/GLONASS for Outdoor Location Tracking
- Intelligent Priority Scan
- Voice Announcements
- Instant Recall
- ISSI 8000 Roaming
- Radio Profiles
- Dynamic Zone
- Intelligent Lighting

- Single-Key ADP Encryption
- IMPRES 2 Battery (NNTN8930)
- Text Message
- Software Key

PROGRAMMING

- Utilizes Windows 7 & 8 Customer Programming Software (CPS) with Radio Management²

ADAPTIVE AUDIO ENGINE (OPTIONAL)

- 3 Watt Speaker with Adaptive Equalization
- Adaptive Dual-Sided Operation
- Adaptive Noise Suppression Intensity
- Adaptive Gain Control
- Adaptive Windporting

OPTIONAL FEATURES

- Wi-Fi 802.11 b/g/n
- Data Modem Tethering
- RFID Volume Knob
- Multi-key for 128 keys and Multi-Algorithm
- Programming Over Project 25 (OTAP)
- Over the Air Rekey (OTAR)
- Digital Tone Signaling
- LEX L10 Collaboration
- P25 Authentication
- Man Down Sensor
- High Impact Green and Public Safety Yellow Colored Housing Options

¹ Per the FCC Narrowbanding rules, new products (APX6000XE UHF1, UHF2) submitted for FCC certification after January 1, 2011 are restricted from being granted certification at 25 kHz for United States - State & Local Markets only.

² CPS version R12.00.00 and greater ordered after June 2014 will only support Windows 7 and 8

TRANSMITTER - TYPICAL PERFORMANCE SPECIFICATIONS

		700/800	VHF	UHF Range 1	UHF Range 2
Frequency Range/Bandsplits	700 MHz 800 MHz	763-776, 793-806 MHz 806-824, 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz
Channel Spacing		25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz
Maximum Frequency Separation		Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit
Rated RF Output Power Adj ¹		1-3 W Max	1-6 W Max	1-5 W Max	1-5 W
Frequency Stability ¹ (-30 °C to +60 °C; +25 °C Ref.)		±0.00010 %	±0.00010 %	±0.00010 %	±0.00010 %
Modulation Limiting ¹		±5 kHz / ±4 kHz / ±2.5 kHz	±5 kHz / ±4 kHz / ±2.5 kHz	±5 kHz / ±4 kHz / ±2.5 kHz	±5 kHz / ±4 kHz / ±2.5 kHz
Emissions (Conducted and Radiated) ¹		-75 dB	-75 dB	-75 dB	-75 dB
Audio Response ¹		+1, -3 dB	+1, -3 dB	+1, -3 dB	+1, -3 dB
FM Hum & Noise	25K 12.5k	-52 dB -47 dB	-55 dB -50 dB	-52 dB -47 dB	-52 dB -46 dB
Audio Distortion ¹	700 MHz 800 MHz	1.00 %	1.00 %	1.00 %	1.00 %

¹ Measured in the analog mode per TIA / EIA 603 under nominal conditions

BATTERIES FOR APX 6000XE

Battery Capacity / Type	Dimensions (HxWxD)	Weight	Battery Part Number	Battery Capacity
Li-Ion IMPRES 2 3400mAh	3.4" x 2.3" x 1.7"	6.5 oz	PMNN4486	3400 mAh
Li-Ion IMPRES 2 4850mAh	5" x 2.3" x 1.7"	11.0 oz	PMNN4487	4850 mAh
Li-Ion IMPRES 2 5100mAh	5" x 2.3" x 1.7"	11.0 oz	PMNN4494	5100 mAh
Li-Ion IMPRES 2 2650 mAh ¹	3.4" x 2.3" x 1.7"	5.7 oz	NNTN8930	2650 mAh
Li-Ion IMPRES 2 4500mAh	5" x 2.3" x 1.7"	11.0 oz	NNTN8921	4500 mAh
Li-Ion IMPRES 2, 3100 mAh, TIA 4950-A, IP68	3.4" x 2.3" x 1.7"	7.1 oz	PMNN4547	3100 mAh

¹ The standard shipping battery for the APX 6000XE

RADIO MODELS

MODEL 1.5



MODEL 2.5



MODEL 3.5



Display	Full bitmap monochromatic LCD top display 1 line text x 8 characters 1 line of icons No menu support Multi-color backlight	Top display plus: Full bitmap color LCD display 4 lines of text x 14 characters 2 lines of icons 1 menu line x 3 menus White backlight	Top display plus: Full bitmap color LCD display 4 lines of text x 14 characters 2 lines of icons 1 menu line x 3 menus White backlight
Keypad	none	Backlit keypad 3 soft keys 4 direction Navigation key Home and Data buttons	Backlit keypad 3 soft keys 4 direction Navigation key 4x3 keypad Home and Data buttons
Channel Capacity ¹	96	1000	1000
FLASHport Memory	64 MB	64 MB	64 MB
700/800 MHz (763-870 MHz)	H98UCD9PW5BN	H98UCF9PW6BN	H98UCH9PW7BN
VHF (136-174 MHz)	H98KGD9PW5BN	H98KGF9PW6BN	H98KGH9PW7BN
UHF Range 1 (380-470 MHz)	H98QDD9PW5BN	H98QDF9PW6BN	H98QDH9PW7BN
UHF Range 2 (450-520 MHz)	H98SDD9PW5BN	H98SDF9PW6BN	H98SDH9PW7BN
Buttons & Switches	Large PTT button ■ Angled On/Off volume control ■ Orange emergency button ■ 16 position top-mounted rotary switch ■ 2-position concentric switch ■ Multi-color backlight ■ 3-position toggle switch ■ 3 programmable side buttons		

Regulatory Information

	FCC ID	Industry Canada
700/800 (764-869 MHz)	AZ489FT7086	109U-89FT7086
VHF (136-174 MHz)	AZ489FT7087	109U-89FT7087
UHF Range 1 (380-470 MHz)	AZ489FT7077	109U-89FT7077
UHF Range 2 (420-520 MHz)	AZ489FT7085	109U-89FT7085

FCC Emissions Designators

FCC Emissions Designators 11K0F3E, 16K0F3E, 8K10F1D, 8K10F1E, 8K10F1W, 20K0F1E²

Power Supply

Power Supply One rechargeable Li-Ion IMPRES 2 2650 mAh Battery Standard (NNTN8930), with alternate battery options available.

¹ Enhancement package available

² Per the FCC Narrowbanding rules, new products (APX6000 UHF1, UHF2) submitted for FCC certification after January 1, 2011 are restricted from being granted certification at 25KHz for United States - State & Local Markets only.

RECEIVER - TYPICAL PERFORMANCE SPECIFICATIONS					
		700/800	VHF	UHF Range 1	UHF Range 2
Frequency Range/Bandsplits	700 MHz 800 MHz	763-776 MHz 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz
Channel Spacing		25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz
Maximum Frequency Separation		Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit
Audio Output Power at Rated ¹		500 mW	500 mW	500 mW	500 mW
Analog Sensitivity ²	12 dB SINAD	0.25 µV	0.17 µV	0.224 µV	0.203 µV
Digital Sensitivity ³	1% BER (800 MHz)	0.375 µV	0.243 µV	0.298 µV	0.296 µV
	5% BER	0.24 µV	0.15 µV	0.200 µV	0.204 µV
Selectivity ¹	25 kHz channel	-76 dB	-78 dB	-77 dB	-76 dB
	12.5 kHz channel	-70 dB	-73 dB	-67 dB	-67 dB
Intermodulation		-80.1 dB	-80.2 dB	-80.3 dB	-80.2 dB
Spurious Rejection		-75 dB	-78 dB	-80.5 dB	-80.8 dB
FM Hum and Noise	25 kHz	-54 dB	-54.3 dB	-53.5 dB	-52.5 dB
	12.5 kHz	-79 dB	-50.1 dB	-47.5 dB	-47.3 dB
Audio Distortion at Rated ¹		0.90%	0.90%	0.70%	0.70%

¹ Measured in the analog mode per TIA / EIA 603 under nominal conditions

² Measured conductively in digital mode per TIA / EIA IS 102.CAAA under nominal conditions.

³ Accuracy specs are for long-term tracking (95th percentile values >5 satellites visible at a nominal -130 dBm signal strength).

PORTABLE MILITARY STANDARDS 810 C, D, E, F & G										
	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.5	II
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Basic Hot	501.5	I/A1, II/A2
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II/C1
Temperature Shock	503.1	I	503.2	I/A1C3	503.3	I/A1C3	503.4	I	503.5	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	1 Proc	507.5	II/Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	1 Proc	509.5	1 Proc
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Blowing Sand	1 Proc	1 Proc	510.2	II	510.3	II	510.4	II	510.5	II
Immersion	512.1	I	512.2	I	512.3	I	512.4	I	512.5	I
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24	514.6	I/24
Shock	516.2	I, III, V	516.3	I, V, VI	516.4	I, V, VI	516.5	I, V, VI	516.6	I, V, VI
Shock (Drop)	516.2	II	516.2	IV	516.4	IV	516.5	IV	516.6	IV



DIMENSIONS OF THE RADIOS WITHOUT BATTERY

Length	6.2 in	156 mm
Width Push-To-Talk button	2.4 in	61 mm
Depth Push-To-Talk button	1.4 in	36 mm
Width Top	3.3 in	84 mm
Depth Top	2.1 in	54 mm
Depth Bottom of Battery	1.2 in	32 mm
Weight of the radios without battery	13.7 oz	389 g

ENCRYPTION

Supported Encryption Algorithms	ADP, 256-bit AES, DES, DES-XL, DES-OFB, DVP-XL
Encryption Algorithm Capacity	8
Encryption Keys per Radio	Module capable of storing 1024 keys. Programmable for 64 Common Key Reference (CKR) or 16 Physical Identifier (PID)
Encryption Frame Re-sync Interval	P25 CAI 300 mSec
Encryption Keying	Key Loader
Synchronization	XL – Counter Addressing OFB – Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Tamper protected volatile or non-volatile memory
Key Erasure	Keyboard command and tamper detection
Standards	FIPS 140-2 Level 3 FIPS 197

GPS/GPS/GNSS SPECIFICATIONS

Constellations	GPS & GLONASS
Tracking Sensitivity	-164 dBm
Accuracy ¹	<5 meters (95%)
Cold Start	<60 seconds (95%)
Hot Start	<5 seconds (95%)
Mode of Operation	Autonomous (Non-Assisted)

RUGGED SPECIFICATIONS

Leakage (submersion)	MIL-STD-810 C, D, E, F and G Method 512.X Procedure I, IP68 (2 meters, 4 hours)
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ENVIRONMENTAL SPECIFICATIONS

Operating Temperature ²	-30 °C to +60 °C
Storage Temperature ²	-50 °C to +85 °C
Humidity Per MIL-STD	ESD IEC 801-2 KV
Water and Dust Intrusion	IP68 (2 meters, 4 hours)

HOUSING COLOR

Black (Standard), Public Safety Yellow, and High Impact Green

¹ Measured conductively in analog mode per TIA / EIA 603 under nominal conditions

² Temperatures listed are for radio specifications. Battery storage is recommended at 25 °C, ±5 °C to ensure best performance.

EMISSION DESIGNATORS

LMR: 8K10F1D, 8K10F1E, 8K10F1W, 11K0F3E, 16K0F3E, 20K0F1E

Bluetooth: 852KF1D, 1M17F1D, 1M19F1D, 1M04F1D

WLAN (Wi-Fi): 13M7G1D, 17M0D1D, 18M1D1D

WIRELESS CONNECTIVITY AND SECURITY

Frequency Range/Bandsplits:

Bluetooth: 2402 - 2480 MHz, WLAN (Wi-Fi): 2400 - 2483.5 MHz

WLAN (Wi-Fi) 802.11 b/g/n supports WPA-2, WPA, WEP security protocols; radio can be pre-provisioned with up to 20 SSIDs¹

Mission Critical Wireless Bluetooth 2.1 uses 96 bit encryption for pairing & 128 bit encryption for voice, signaling and data. The radio BT supports up to 6 data connections and 1 audio connection

Bluetooth 4.0 Low Energy uses 128-bit AES-CCM encryption

¹ 2400 - 2483.5 MHz for EMEA region and includes guardband.
Channels 1 – 11 used for FCC/IC region.





APX 6500

SINGLE-BAND P25 MOBILE RADIO



STAY INFORMED. STAY SAFE.

You may not know what the next call will entail, but you do know that your team needs communication they can count on. Whether on a motorcycle, in a squad car or a fire truck, the rugged and compact design of the evolved APX™ 6500 mobile radio is designed to maximize the real estate in your vehicle and keep your entire agency safely connected. Now with integrated Wi-Fi and SmartConnect, the APX 6500 gives you more ways to manage your radio and stay connected. And when your vehicle sustains a high impact, the radio can automatically alert dispatch.

Security is more important than ever. Criminals are testing you on the streets and over the air. Fight back with multiple levels of protection to encrypt and secure your voice and data communication against eavesdropping.

Stay connected, keep safe and secure your communications with the APX 6500 single-band mobile radio.





GET CONNECTED AND STAY CONNECTED

When the mission takes you out of range, you risk being left in the dark. The APX 6500, equipped with SmartConnect, can reroute P25 voice and data communication over broadband via built-in Wi-Fi or a tethered LTE/satellite router. Stay connected to your P25 radio system, even when outside of P25 coverage.



VOICE AND DATA, ALL AT ONCE

Packed with all the connections you need, the APX 6500 keeps your team in touch and within reach of over-the-air updates. Receive new codeplugs, firmware updates and software features at the speed of Wi-Fi— without interruptions to voice communications.



FAST INFORMATION RETRIEVAL

Running a routine database queries doesn't need to slow you down. Simply press a button on the keypad microphone and ask ViQi for the information you need. Keep your eyes on the situation and free up dispatchers to focus on more critical events. Move intelligence faster than ever with ViQi.



KEEP VOICE AND DATA PROTECTED

The APX 6500 secures voice and data using multiple hardware encryption algorithms and the ability to rekey over the air, so it's protected from scanners and eavesdroppers. What's more, P25 Radio Authentication ensures only valid users can access the system while the available two-factor authentication secures database logins.



FLEXIBLE, EASY INSTALLATION

The small and light form-factor of the APX 6500 allows for easy installation across a growing ecosystem of vehicles and installations. Users can choose one of several interchangeable control heads to best fit their need. Dual control head configuration enables radio operation from multiple locations within the same vehicle, such as a large fire truck.



ALL THE SUPPORT YOU NEED

Motorola Solutions offers three levels of service plans – Essential, Advanced and Premier. From simple support for technical troubleshooting to a complete transfer of optimization and maintenance services to Motorola Solutions, you choose the level of support that suits you best.

02 CONTROL HEAD

EXTREME USABILITY

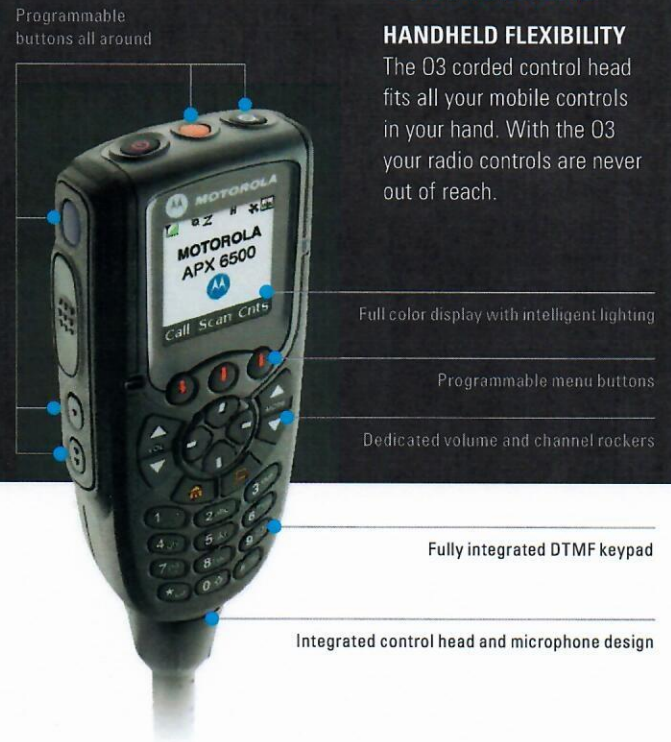
The 02 control head provides rugged simplicity for efficient and confident communication. Extreme controls with easy to read color display and a built-in 7.5 watt speaker provides clear visual and audible user experiences. Available in high impact green or black.



03 HANDHELD CONTROL HEAD

HANDHELD FLEXIBILITY

The 03 corded control head fits all your mobile controls in your hand. With the 03 your radio controls are never out of reach.



APX 6500 COMPATIBLE CONTROL HEADS*

Dedicated volume and channel knobs for quick control



E5 CONTROL HEAD

UNMATCHED READABILITY. OPTIMIZED USABILITY.

A bright color display and intelligent lighting makes the E5 easy to read under any condition while the optimized tactility and button placement reduces inadvertent actuations.

Full color display with night mode and intelligent lighting

Multi-function channel / volume knob



07 CONTROL HEAD

INTEGRATED MULTI-FUNCTIONALITY

The 07 is a sophisticated control head with a color display and built-in keypad. It can integrate your radio vehicle control into a single ergonomic interface and supports dual radio installations.



FEATURES

GENERAL FEATURES

Channel Capacity	1,000 channels standard, expandable to 3,000 channels
Wireless Connectivity	GPS/GLONASS, Wi-Fi
WLAN (Wi-Fi) Protocols	802.11 b/g/n (2.4GHz) 802.11 a/n/ac (5GHz)
Encryption Algorithms	256-bit AES, ADP, DES, DES-XL, DES-OFB, DVP-XL

OPERATING MODES

Digital Trunking: 9600 Baud APCO P25 Phase 1 FDMA and Phase 2 TDMA
Analog Trunking: 3600 Baud SmartNet®, SmartZone®, Omnilink
Digital Conventional: APCO 25
Analog Conventional: Analog MDC 1200, Quik Call II System Configurations
SmartConnect Connectivity

INTEGRATED WI-FI, GPS AND DATA CONNECTIVITY

Wi-Fi 802.11 b/g/n with up to 20 Wi-Fi networks provisioned in the radio ¹
Data Modem Tethering ¹
ASTRO 25 Integrated Voice and Data
Enhanced Data ¹
Integrated GPS/GLONASS for Outdoor Location Tracking
Mission Critical Geofence ¹
Personnel Accountability ¹
SmartConnect ¹
ViQi Virtual Partner ¹

MANAGEMENT

Customer Programming Software (CPS)
Radio Management
Over-the-air Programming (OTAP) ¹

SECURITY

Tactical Inhibit ¹
P25 Authentication ¹
Software Key ¹
Single-key ADP Encryption ¹
Multikey for 128 keys and multi-algorithm ¹
Over-the-air Rekeying (OTAR) ¹

GPS/GNSS SPECIFICATIONS

Channels	12
Tracking Sensitivity	-164 dBm
Accuracy ²	<5 meters (95%)
Cold Start ²	<60 seconds (95%)
Hot Start ²	<5 seconds (95%)
Mode of Operation	Autonomous (Non-Assisted) GNSS or SBAS

¹ Optional ² Measured conductively with >6 satellites visible at a nominal -130 dBm signal strength



ENCRYPTION

Supported Encryption Algorithms	ADP, AES, DES, DES-XL, DES-OFB, DVP-XL
Encryption Algorithm Capacity	8
Encryption Keys per Radio	Module capable of storing 1024 keys. Programmable for 128 Common KeY Reference (CKR) or 16 PhysicalIdentifier (PID)
Encryption Frame Re-sync Interval	P25 CAI 300 mSec
Encryption Keying	Key Loader
Synchronization	XL – Counter Addressing OFB – Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Tamper protected volatile or non-volatile memory
Key Erasure	Keyboard command and tamper detection
Standards	FIPS 140-2 Level 3, FIPS 197

OTHER FEATURES

Text Messaging
Radio Profiles
Dynamic Zone
Intelligent Priority Scan
Unified Call List
Instant Recall
Data Modem Connection (wired or Wi-Fi) ¹
12 Character RFID Asset Tracking ¹
Digital Tone Signaling ¹

INTEGRATED WI-FI, GPS AND DATA CONNECTIVITY

Frequency Range/Band splits	WLAN (Wi-Fi): 2412 - 2472 MHz; 5180 - 5320 MHz; 5500 - 5825 MHz	
WLAN (WiFi) 802.11 b/g/n (2.4GHz) 802.11 a/n/ac (5GHz)	Security protocols	WPA-2, WPA, WEP
	SSIDs	Up to 20 pre-provisioned
Integrated GPS/GLONASS for outdoor location tracking		
Data Modem Tethering ¹		

SIGNALING (ASTRO 25 MODE)

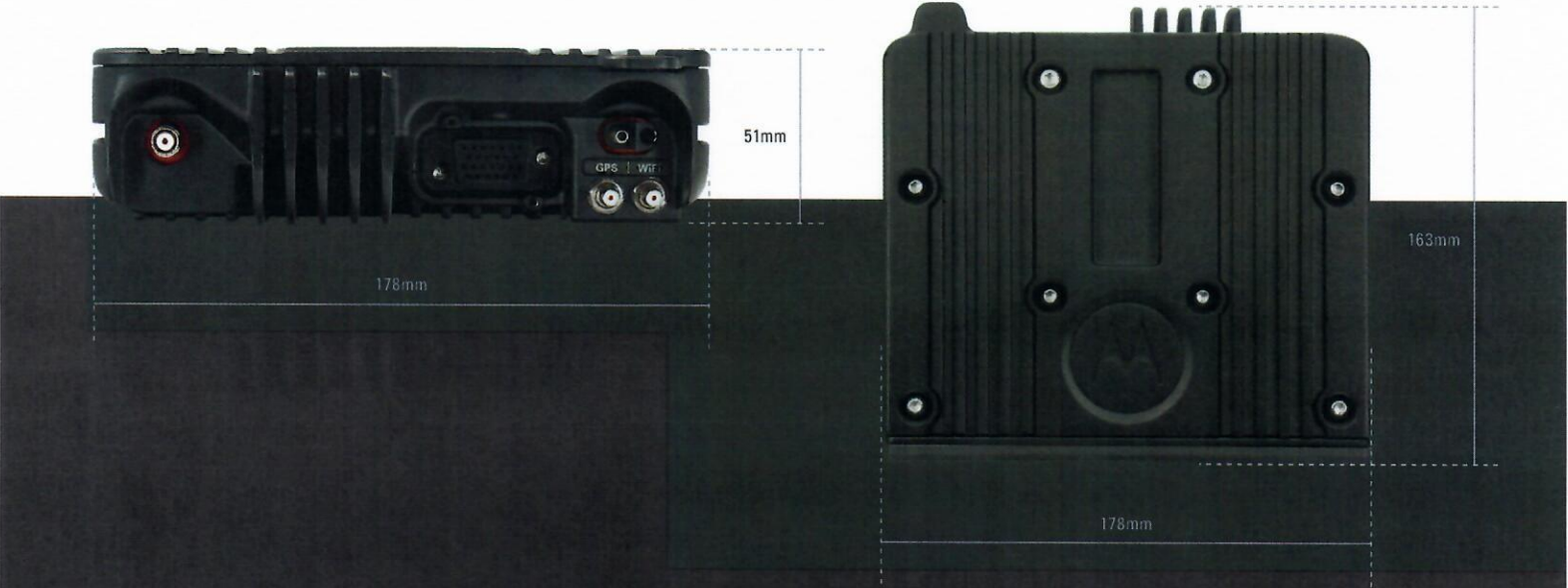
Signalling Rate	9.6 kbps
Digital ID Capacity	10,000,000 Conventional / 48,000 Trunking
Digital Network Access Codes	4,096 network site addresses
ASTRO Digital User Group Addresses	4,096 network site addresses
Project 25 – CAI Digital User Group Addresses	65,000 Conventional / 4,094 Trunking
Error Correction Techniques	Golay, BCH, Reed-Solomon codes
Data Access Control	Slotted CSMA: Utilizes infrastructure-sourced data status bits embedded in both voice and data transmissions

¹ Optional



DIMENSIONS AND WEIGHT

Radio Transceiver	51 x 178 x 163 mm (2.0 x 7.0 x 6.4 in)	2.18 kg (4.80 lbs)
Radio Transceiver and O2 Control Head - Dash Mount	69 x 207 x 223 mm (2.7 x 8.1 x 8.8 in)	2.43 kg (5.36 lbs)
Radio Transceiver and O5 Control Head - Dash Mount	51 x 178 x 202 mm (2 x 7 x 8.0 in)	2.24 kg (4.94 lbs)
Radio Transceiver and E5 Control Head - Dash Mount	51 x 178 x 209 mm (2.0 x 7.0 x 8.2 in)	2.24 kg (4.94 lbs)
Radio Transceiver and O7 Control Head - Dash Mount	51x 178 x 208 mm (2 x 7 x 8.2 in)	2.24 kg (4.94 lbs)
Radio Transceiver and Remote Mount	51 x 178 x 193.6 mm (2 x 7 x 7.6 in)	2.18 kg (4.80 lbs)
O2 Control Head Remote Mount	68 x 206 x 53 mm (2.7 x 8.1 x 2.1 in)	-
O5 Control Head Remote Mount	51 x 180.3 x 64 mm (2.0 x 7.0 x 2.5 in)	-
E5 Control Head Remote Mount	51 x 178.5 x 64 mm (2.0 x 7.0 x 2.5 in)	-
O7 Control Head Remote Mount	51 x 178 x 40 mm (2.0 x 7.0 x 1.5 in)	-



PERFORMANCE AND REGULATORY

TRANSMITTER								
	VHF		UHF R1		700 MHz		800 MHz	
Frequency Range/Bandsplits	136-174 MHz		380-470 MHz		764-776, 794-806 MHz		806-825, 851-870 MHz	
Rated RF Output Power (Adjustable)	1-50 W		1-40 W		3-30 W		3-35 W	
Frequency Stability (-30°C to +60°C; +25°C Ref.)	± 0.8 PPM		±0.8 PPM		±0.8 PPM		±0.8 PPM	
Emissions	Conducted -85 dBc	Radiated -10 dBm	Conducted -85 dBc	Radiated -20 dBm	Conducted -75/-85 dBc	Radiated -20/-40 dBm	Conducted -75 dBc	Radiated -20 dBm
Modulation Limiting (12.5/20/25 kHz)	±5/±2.5 kHz		±5/±2.5kHz		±5/±2.5 kHz		±5/±2.5 kHz	
Modulation Fidelity (C4FM) 12.5 kHz Digital Channel	2.5%		1.50%		1.50%		1.50%	
Audio Response	+1, -3 dB (EIA)		+1, -3 dB (EIA)		+1, -3 dB (EIA)		+1, -3 dB (EIA)	
FM Hum & Noise (12.5 kHz/25 kHz)	-52 dB / -53 dB		-50 dB/ -53 dB		-48 dB / -50 dB		-48 dB / -50 dB	
Audio Distortion (12.5 kHz/25 kHz)	0.50%		0.50%		0.50% / 0.50%		0.50% / 0.50%	

RECEIVER								
	VHF		UHF R1		700 MHz		800 MHz	
Frequency Range/Bandsplits	136-174 MHz		380-470 MHz		764-776 MHz		851-870 MHz	
Channel Spacing	12.5/25 kHz		12.5/25 kHz		12.5/25 kHz		12.5/25 kHz	
Maximum Frequency Separation	Full Bandsplit		Full Bandsplit		Full Bandsplit		Full Bandsplit	
Audio Output Power at Rated/Max	7.5 / 15 W		7.5 / 15 W		7.5 / 15 W		7.5 / 15 W	
Frequency Stability (-30 °C to +60 °C; +25 °C Ref.)	±0.8 PPM		±0.8 ppm		±0.8 ppm		±0.8 ppm	
Analog Sensitivity (12db SINAD)	Pre-Amp -123 dBm (0.158µV)	Standard -119 dBm (0.251µV)	Pre-Amp -123 dBm (0.158µV)	Standard -119 dBm (0.251µV)	-121 dB (0.199 µV)		-121 dB (0.199 µV)	
5% BER	Pre-Amp -123 dBm (0.158µV)	Standard -119 dBm (0.251µV)	Pre-Amp -123 dBm (0.158µV)	Standard -119 dBm (0.251µV)	-121.5 dB (0.188 µV)		-121.5 dB (0.188 µV)	
Selectivity (12.5 kHz / 25 kHz / 30 kHz)	77 dB / 89 dB / 90 dB		72 dB / 83 dB / -		75 dB / 85 dB / -		75 dB / 85 dB / -	
Intermodulation Rejection	Pre-Amp 84dB / 84 dB	Standard 86 dB / 86 dB	Pre-Amp 82 dB / 82dB	Standard 86 dB / 86 dB	82 dB / 82 dB		82 dB / 82 dB	
Spurious Rejection	95 dB		93 dB		91 dB		91 dB	
FM Hum & Noise (12.5 kHz / 25 kHz)	-50 dB / -59 dB		-50 dB / -55 dB		-50 dB / -59 dB		-50 dB / -59 dB	
Audio Distortion (12.5 kHz / 25 kHz)	1.2 %		1.5%		1.2 %		1.2 %	

POWER AND BATTERY DRAIN				
	VHF	UHF R1	700 MHz	800 MHz
Frequency Range / Bandsplits	136-174 MHz	380-470 MHz	764-775, 794-806 MHz	806-825, 851-870 MHz
RF Power Output	1-50 W	1-40 W	3-30 W	3-35 W
Operation	13.8V DC ±20% Negative Ground	13.8V DC ±20% Negative Ground	13.9V DC ±20% Negative Ground	13.9V DC ±20% Negative Ground
Standby at 13.8V	0.85A	0.85A	0.85A	0.85A
Receive Current at Rated Audio at 13.8V	3.2A	3.2A	3.2A	3.2A
Transmit Current (A) at Rated Power	8 A @ 15 W 13 A @ 50 W	11 A @ 40 W 8A @ 15 W	8 A @ 15 W	8 A @ 15 W 12 A @ 35 W

ENVIRONMENTAL	
Operating Temperature	-30°C/+60°C
Storage Temperature	-40°C/+85°C
Humidity	Per MIL-STD
ESD	IEC 61000-4-2
Water and Dust Intrusion (w/ O2 control head)	IP56, MIL-STD

RADIO MODEL NUMBER	
700/800 MHz	M25URS9PW1BN
VHF	M25KSS9PW1BN
UHF R1	M25QSS9PW1BN

FCC/IC TYPE ACCEPTANCE ID	
FCC/IC ID	Band and Power Level
FCC ID: AZ492FT7124 IC ID: 109U-92FT7124	764-776 MHz (3-30 W)
	794-806 MHz (3-30 W)
	806-824 MHz (3-35 W)
	851-870 MHz (3-35 W)
FCC ID: AZ492FT7130 IC ID: 109U-92FT7130	136-174 MHz (1-50 W)
FCC ID: AZ492FT7129 IC ID: 109U-92FT7129	380-470 MHz (1-40 W)



MOBILE MILITARY STANDARDS 810, C, D, E, F, G & H

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G		MIL-STD 810H	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	I/II	500.6	II	500.6	II
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.6	I/A1, II/A1	501.7	I/A1, II/A1
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.6	I/C3, II/C1	502.7	I/C3, II/C1
Temperature Shock	503.1	I	503.2	1/A1C3	503.3	1/A1C3	503.4	I	503.6	I/C	503.7	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.6	I/A1	505.7	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.6	I, III	506.6	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	-	507.6	II/Aggravated	507.6	II/Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	-	509.6	-	509.7	-
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.6	I	510.7	I
Blowing Sand	-	-	510.2	II	510.3	II		II	510.6	II	510.7	II
Vibration	514.2	VIII, F, W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24	514.7	I/24	514.8	I/24, II/5
Shock	516.2	I, III, V	516.3	I, V, VI	516.4	I, V, VI	516.5	I, V, VI	516.7	I, V, VI	516.8	I, V, VI

For more information, please visit
www.motorolasolutions.com/apx



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APX™ REMOTE SPEAKER MICROPHONES (RSMs)

LOUDER, CLEARER WHEN IT COUNTS MOST

If you're an officer coordinating stadium security or a battalion chief commanding the fireground, you not only need to hear messages, but be heard continuously in the noisiest environments.

Our robust portfolio includes a variety of Remote Speaker Microphones designed for the noisiest and most extreme environments, along with options that perform in your everyday environment. All are innovatively engineered to give you greater capabilities and clearer communications than ever before. To help significantly improve response time and responder safety.

RUGGED SPECIFICATIONS FOR ADVERSE AND EXTREME CONDITIONS

Many of our RSMs and PSMs meet tough specs – IP57 submersibility ratings – to withstand water immersion longer. Even if you drop them in a puddle or wear them in the rain, you'll stay connected. Our rugged accessories take toughness further – exceeding IP57 standards for submersibility and providing an optimal level of water protection even if you get drenched by a hose, it will stand up.



FIRE RSM WITH DUAL MIC NOISE SUPPRESSION FOR THE MOST EXTREME ENVIRONMENTS

The XE RSM, designed for fire fighters and the XP RSM for public safety professionals, feature dual microphone technology that ensures you can communicate in the loudest environments where you can't even hear yourself speak. The dual microphones locate the talker and cancel out the background noise, so that you can be heard even when you can't hear yourself.



XE REMOTE SPEAKER MICROPHONE (RSM)

This Microphone, with Dual Mic Noise Suppression also features exaggerated controls you can operate with bulky gloves and an asymmetrical shape so you can find the controls you need without looking. The optional Xtreme Temperature cable is formulated with a proprietary blend of materials that offer a significantly higher jacket material melting temperature than standard cables.

DESIGNED BY FIREFIGHTERS FOR FIREFIGHTERS.



GENERAL SPECIFICATIONS

COMPATIBLE RADIOS

APX 7000 SERIES, APX 6000 SERIES

MICROPHONE ACOUSTICS

Model Type	Dual Microphone Noise Suppression, Omni-directional
Sensitivity	-42dBV typical
Distortion (THD)	< 3% from 300 to 3200Hz

SPEAKER ACOUSTICS

Diameter	45mm
Nominal Output Level	(@ 1kHz, 0.5W, 30cm) 90dB SPL
Maximum Output Level	(@ 1kHz, max volume, 30cm) 97dB SPL
Frequency Response	300 - 3200Hz
Distortion (THD)	< 15% (RX)

BODY

Dimensions	(W x L x D) 75mm x 100mm x 33mm (without clip)
Weight	265 grams

POWER

Power Source	Radio battery
Radio Battery Life Impact	10% reduction 5/5/90 duty cycle (without the strobe)

CABLE

Length	6-foot coiled cord
Flex Life	50,000 cycles
Pull Strength	40lbs, minimum tensile, in-line

CONTROLS

Volume	Single up/down steps in 10 intervals
Top Button	Orange programmable button
Side Buttons	Push-to-talk and one programmable button
Front Buttons	One strobe light control

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C
Humidity	MIL STD 810G METHOD 507.5, PROCEDURE II
ESD	IEC/EN61000-4-2
Water and Dust Intrusion ¹	IP68 and MIL-STD's noted above
Immersion	MIL-STD 512.X/I
Intrinsic Safety*	FM
Thermal Shock	-57 C to +80 C
Rain	IEC 60529
Salt/Fog	MIL STD 810G METHOD 509.5
Dust Procedure	1 IEC 60529
Vibration	MIL STD 810G METHOD 514.6, PROCEDURE I, CATEGORY 24
Mechanical Shock	MIL STD 810G METHOD 516.6, PROCEDURE I, V, VI

RSM WITH EXTREME TEMPERATURE CABLE PART NUMBERS

NNTN8575A	– Xtreme Temperature Cable High Impact Green Housing
NNTN8575ABLK	– Xtreme Temperature Cable Black Housing
NNTN8575AYLW	– Xtreme Temperature Cable Yellow Housing

RSM WITH STANDARD CABLE PART NUMBERS

NNTN8203A	– Standard Cable High Impact Green Housing
NNTN8203ABLK	– Standard Cable Black Housing
NNTN8203AYLW	– Standard Cable Yellow Housing

REPLACEMENT PART NUMBERS

NNTN8271AS	– Replacement clamping clip and D-ring
30009402001	– Standard Cable
30009402002	– Xtreme Temperature Cable for upgrade or replacement

POLICE RSM WITH DUAL MIC NOISE SUPPRESSION FOR THE MOST EXTREME ENVIRONMENTS



APX™ XP REMOTE SPEAKER MICROPHONE

This Remote Speaker Microphone with its thin design and optimized ergonomics is ideal for police officers and other public safety users. With Dual Mic Noise Suppression, you will be heard despite traffic noise and sirens in the background. The XP RSM is designed to perform well even in the rain. When it gets dirty, just wash the microphone head to ensure your communication is not compromised.

DUAL MIC NOISE SUPPRESSION



GENERAL SPECIFICATIONS

COMPATIBLE RADIOS

APX 7000 SERIES, APX 6000 SERIES, APX 4000, APX 3000, SRX 2000

MICROPHONE ACOUSTICS

Model Type	IMPRES RSM with Dual Mic Noise Suppression, Omni-directional
Sensitivity	42dBV typical
Distortion (THD)	< 3% from 300 to 3200Hz

SPEAKER ACOUSTICS

Diameter	45mm
Nominal Output Level	(@ 1kHz, 0.5W, 30cm) 89dB SPL
Maximum Output Level	(@ 1kHz, max volume, 30cm) 97dB SPL
Frequency Response	300 - 3200Hz
Distortion (THD)	< 15% (RX)

BODY

Dimensions (W x L x D)	69mm x 95mm x 27mm (without clip)
Weight	235 grams, NMN6271; 248 grams NMN6274

POWER

Power Source	Radio battery
Radio Battery Life Impact	10% reduction 5/5/90 duty cycle

CABLE

Length	6-foot coiled cord
Flex Life	100,000 cycles
Pull Strength	40lbs, minimum tensile, in-line

CONTROLS

Volume	Single up/down steps in 10 intervals
Top Button	Orange programmable button
Side Buttons	Push-to-talk and one programmable button

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C,
Humidity	MIL STD 810G METHOD 507.5, PROCEDURE II
IP Rating:	IP68 NMN6271, IP55 NMN6274
Immersion	MIL-STD 512 X/I
Thermal Shock	-57 C to +80 C
Rain	IEC 60529
Salt/Fog	MIL STD 810G METHOD 509.5
Dust Procedure	1 IEC 60529
Vibration	MIL STD 810G METHOD 514.6, PROCEDURE I, CATEGORY 24
Mechanical Shock	MIL STD 810G METHOD 516.6, PROCEDURE I, V, VI
ESD	IEC6100-4-2

PART NUMBERS

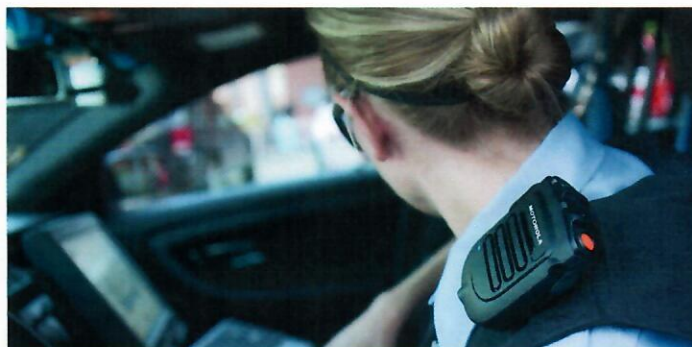
NMN6274 – XP RSM with Dual Mic Noise Suppression, 3.5 mm Audio Jack

NMN6271 – XP RSM with Dual Mic Noise Suppression, IP68

Compatible Earpieces for the NMN6274: BDN6726, BDN6727, BDN6728, BDN6781, BDN6664, BDN6665, BDN6666, BDN6719, RLN5313, RLN5314, RMN4056, RMN4057

MISSION CRITICAL WIRELESS RSMS YOUR RADIO, UNLEASHED

The **APX wireless remote speaker microphone (RSM)** cuts the cord so public safety users no longer need to worry about tangled cords and can now work safer and more efficiently. This RSM features all of the advanced capabilities of Mission Critical Wireless including enhanced security, fast push-to-talk and quick touch pairing with voice prompts that confirm pairing actions.



APX MISSION CRITICAL WIRELESS RSM

Every feature on this RSM has been purposefully designed. Large, yet recessed push-to-talk and emergency buttons are easy to access and designed to prevent accidental activation. Additional features include a volume control, audio jack and task light that allows you to read items such as a driver's license in the dark. This RSM also features a removable and rechargeable battery that enables easy multi-shift usage. Charge the RSM on the go with the vehicular charger or in the office with the dual-unit desk charger.

A SAFER, SMARTER WORK ENVIRONMENT



RLN6554



GENERAL SPECIFICATIONS

COMPATIBLE RADIOS

APX 7000 SERIES, APX 6000 SERIES, APX 4000, APX 3000

SPECIFICATIONS

Standard Range	10 meters + line of sight
Security	128 bit
Microphone	Omni directional, Windporting equivalent
Rated Audio/distortion	0.5W @ <10%
Protocol	Bluetooth 3.0
Type Acceptance	CE, FCC/IC, EPP2, EME, CMM, WEEE, EFUP

MICROPHONE ACOUSTICS

Model Type	windporting equivalent
Sensitivity	-42.0 dBV/Pa (+/-3dB)
Distortion	(THD) 0.5W @ <10%

SPEAKER ACOUSTICS

Diameter	36mm
Nominal Output Level	94.0±3dB @ 1kHz
Maximum Output	118dB SPL
Frequency Response	300Hz to 3000Hz
Distortion (THD)	1W @ <15% over 300Hz to 3000Hz

PHYSICAL

Dimension	88x26x63 mm
Weight	158g

CONTROLS

Volume	Toggle Switch
Top Button	Orange Programmable button
Side Buttons	Task light
Power Button	On/Off

ENVIRONMENTAL

Operating Temp	-10° C to +60° C
Storage Temp	-55° C to +85° C
Humidity	95% RH @ 50° C for 48 hrs
ESD	IEC 61000-4-2
Water and Dust Intrusion	IP55 (with dust cover closed)
Salt/Fog	MIL810F Method 509.4, Procedure 1
Vibration	MIL810F Method 514.5, Procedure 1, Category 24
Mechanical Shock	MIL810F Method 516.5, Procedure 1

POWER

Battery	1800 mAh Lithium Ion
Battery Life	30+ hours typical, 5/5/90 12+ hours typical, 5/35/60
Charge time continuous from 0%	3 hours
Operating Voltage	3.6V DC

PART NUMBERS

RLN6554 – APX Wireless RSM with battery, clip, dual-unit charger and power supply

REPLACEMENT PARTS

PMLN6716 – Vehicular Charger
PMLN7120 – Dual-unit charger with power supply
RLN6544 – Wireless RSM with battery and clip
PMNN4461 – Battery, 1800mAh Lilon
NNTN4990 – D-ring Swivel Clip 12 per pack
RLN4941 – Receive-only Earpiece with Comfort Eartube
AARLN4885 – Receive-only Earbud
RLN6511 – Small EP7 Sonic Defender, use with RLN4941
RLN6512 – Medium EP7 Sonic Defender, use with RLN4941
RLN6513 – Large EP7 Sonic Defender, use with RLN4941

DATA SHEET

APX RSMs



DISPLAY REMOTE SPEAKER MICROPHONES

Our Display RSMs with Windporting technology were designed with easy to read screens that let you see **zone and channel information at-a-glance**. Since the display mirrors the one on top of your portable, it delivers the information you need, when you need it. This RSM allows you to attach a Boomless Temple Transducer or a Receive only earpiece with clear eartube while maintaining the IP68 water intrusion rating.

INSTANT ACCESS TO KEY RADIO INFORMATION



GENERAL SPECIFICATIONS

COMPATIBLE RADIOS

APX 7000 SERIES, APX 6000 SERIES, APX 4000, APX 3000, APX 1000, SRX 2200

MICROPHONE ACOUSTICS

Model Type	Windporting, Omni-directional
Sensitivity	42dBV typical
Distortion (THD)	< 3% from 300 to 3200Hz

SPEAKER ACOUSTICS

Nominal Output Level	(@ 1kHz, 0.5W, 30cm) 90dB SPL,
Maximum Output Level	(@ 1kHz, max volume, 30cm) 94dB SPL
Frequency Response	300 - 3000Hz
Distortion (THD)	< 15% (RX)

BODY

Dimensions (W x L x D)	68mm x 106mm x 31mm (without clip)
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POWER

Power Source	Radio battery
Radio Battery Life	Impact 8% reduction 5/5/90 duty cycle

CABLE

Flex Life	50,000 cycles
Pull Strength	40lbs, minimum tensile, in-line

CONTROLS

Volume	12-steps
Top Button	Orange programmable button
Side Buttons	Push-to-talk and two programmable button
HMN4103 & HMN4104:	Display with 8 characters
HMN4104:	Channel Selector

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C
Intrinsic Safety*	FM
IP Rating:	IP68
Rain	IEC 60529
Salt/Fog	MIL STD 810G METHOD 509.5
Dust Procedure	1 IEC 60529
Vibration MIL	MIL STD 810G METHOD 514.6, PROCEDURE I, CATEGORY 24
Mechanical Shock MIL	MIL STD 810G METHOD 516.6, PROCEDURE I, V, VI
ESD	IEC6100-4-2

PART NUMBERS

HMN4101	IMPRES RSM with Audio Jack - no display
HMN4103	IMPRES Display RSM with Audio Jack
HMN4104	IMPRES Display RSM with Audio Jack & Channel Selector

ACCESSORIES & REPLACEMENT PARTS

RMN5116	8-Pin FM Receive and Transmit Boomless Temple Transducer, over-the-head (for HMN4104, HMN4103 and HMN4101 only)
RLN6511	Small EP7 Sonic Defender, use with RLN6424
RLN6512	Medium EP7 Sonic Defender, use with RLN6424
RLN6513	Large EP7 Sonic Defender, use with RLN6424
RLN6424	8-Pin FM Receive-Only Earpiece with translucent tube and clear rubber eartip (for HMN4104, HMN4103 and HMN4101 only)
PMKN4107	Display RSM Interface Cable, 5-Pin Nexus Female Receptacle
PMKN4112	Display RSM Interface Cable 4-Pin Nexus Male Plug
PMKN4113	Display RSM Interface Cable, 12-Pin Hirose Male Connector
3075336B17	Replacement coil cord for HMN4101, HMN4103 AND HMN4104



RMN5116



RLN6424

*APX 1000 is certified with HMN4101 only.

WINDPORTING RSMS

The Windporting feature is specifically designed for windy outdoor environments. Windporting dramatically reduces the noise caused by howling winds and harsh weather. And it prevents water from clogging the microphone and distorting your transmission.

WINDPORTING, FOR WINDY OUTDOOR ENVIRONMENTS



GENERAL SPECIFICATIONS

COMPATIBLE RADIOS

APX 7000 SERIES, APX 6000 SERIES, APX 4000, APX 3000, APX 1000*, SRX 2200

MICROPHONE ACOUSTICS

Type	Windporting, Omni-directional
Sensitivity	44dBV typical
Distortion (THD)	< 3% from 200 to 3200Hz

SPEAKER ACOUSTICS

Nominal Output Level	(@ 1kHz, 0.5W) 90dB SPL
Maximum Output Level	(@ 1kHz, max volume) 94dB SPL
Frequency Response	300 - 3000Hz
Distortion (THD)	< 15% (RX)

BODY

Dimensions (W x L x D)	60mm x 78mm x 28mm (without clip)
------------------------	-----------------------------------

POWER

Power Source	Radio battery
Radio Battery Life	Impact No Radio Degregation

CABLE

Flex Life	50,000 cycles
Pull Strength	40lbs, minimum tensile, in-line

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C
Humidity	90-95%, relative humidity at +50 C for 8 hours
ESD	IEC/EN61000 4-2
Intrinsic Safety*	FM

PART NUMBERS

PMMN4065 – IMPRES Windporting RSM, IP57
PMMN4069 – IMPRES Windporting RSM, IP55
PMMN4083 – IMPRES Windporting RSM, IP68
PMMN4099 – IMPRES Windporting RSM, IP55

ACCESSORIES AND REPLACEMENT PART NUMBERS

RLN6511 – Small EP7 Sonic Defender, use with RLN4941
RLN6512 – Medium EP7 Sonic Defender, use with RLN4941
RLN6513 – Large EP7 Sonic Defender, use with RLN4941
RLN4941 – Receive-Only Earpiece with translucent tube and rubber eartip, clear
WADN4190 – Receive-Only Flexible Earpiece
AARLN4885 – Receive-Only Earbud
RLN6075 – Replacement coil cord

WINDPORTING RSMS FEATURES AND CONTROLS

Item Number	IMPRES	Volume High Low Toggle Switch	Top Orange Programmable Button	Non Threaded Earjack	Programmable Button	IP Rating
PMMN4065	•	•	•		•	IP57
PMMN4069	•			3.5mm		IP55
PMMN4083*	•					IP68
PMMN4099*	•	•	•	3.5mm	•	IP55

*APX 1000 is certified with PMMN4065 and PMMN4069 only.

NOISE CANCELING RSMS FOR THE EVERYDAY NOISE

The **Noise Canceling Acoustics** on select RSM models reduce background noise so your voice comes through loud and clear anytime you speak into the microphone. To optimize the audio, the RSM should be held directly in front of the user's mouth during transmission as shown in image. The Noise Canceling (IP54) feature is not intended for fire markets.



GENERAL SPECIFICATIONS

COMPATIBLE RADIOS

APX 7000 SERIES, APX 6000 SERIES, APX 4000, APX 3000, APX 1000*, SRX 2200

MICROPHONE ACOUSTICS

Type	Noise Canceling - Directional
Sensitivity	-37dBV typical
Distortion (THD)	< 3% from 200 to 3200Hz

SPEAKER ACOUSTICS

Nominal Output Level	(@ 1kHz, 0.5W) 90dB SPL
Maximum Output Level	(@ 1kHz, max volume) 94dB SPL
Frequency Response	300 - 3000Hz
Distortion (THD)	< 15% (RX)

BODY

Dimensions (W x L x D)	60mm x 78mm x 28mm (without clip)
------------------------	-----------------------------------

POWER

Power Source	Radio battery
Radio Battery Life	Impact No Radio Degregation

CABLE

Flex Life	50,000 cycles
Pull Strength	40lbs, minimum tensile, in-line

ENVIRONMENTAL SPECIFICATIONS

Operating Temp	-30 C to +60 C
Storage Temp	-55 C to +85 C,
Humidity	90-95%, relative humidity at +50 C for 8 hours
ESD	IEC/EN61000 4-2
Intrinsic Safety**	FM

PART NUMBERS

PMMN4062 – IMPRES Noise Canceling RSM, IP54 NOT INTENDED FOR FIRE MARKETS

PMMN4084 – IMPRES Noise Canceling RSM, IP54 NOT INTENDED FOR FIRE MARKETS

ACCESSORIES AND REPLACEMENT PART NUMBERS

RLN4941 – Receive-Only Earpiece with translucent tube and rubber eartip, clear
WADN4190 – Receive-Only Flexible Earpiece
AARLN4885 – Receive-Only Earbud
RLN6075 – Replacement coil cord
RLN6511 – EP7 Sonic Defender, use with RLN4941
RLN6512 – EP7 Sonic Defender, use with RLN4941
RLN6513 – EP7 Sonic Defender, use with RLN4941
RLN6075 – Replacement coil cord

NOISE CANCELING RSMS FEATURES AND CONTROLS

Item Number	IMPRES	Volume High Low Toggle Switch	Top Orange Programmable Button	Non Threaded Earjack	Threaded Earjack	Programmable Button	IP Rating
PMMN4062	•		•	3.5mm			IP54
PMMN4084*	•			3.5mm	3.5mm		IP54

*APX 1000 is certified with PMMN4062 only.

**Intrinsic Safety Rating: Motorola-approved accessories are a critical part of the overall radio system, certified by a recognized testing organization as intrinsically safe. Non-Motorola approved accessories may not be certified for APX and if used, could result in equipment that is NOT approved or unsafe in a hazardous environment.

DATA SHEET
APX RSMS

Motorola Remote Speaker Microphones are the only ones tested and certified for use with APX radios. Our accessories endure rigorous testing to help keep you safer and perform in harsh environments. All Motorola RSMS meet specific IP ratings and many exceed the industry standards to ensure you have the right microphone for your tough environments.

IP Rating is the international standard for rating dust and water protection. The first digit represents the level of dust protection: 5 provides excellent protection from dust. The second digit represents water protection:

IP RATING	DESCRIPTION
IP54	provides protection from water sprayed from all directions; RSMS with this rating should never be used in firefighting applications.
IP55	protects against driving rain
IP57	protects against submersion in 1 meter of fresh water for 30 minutes
IP68	exceeds industry specs. Product is Ruggedized and is heated at 27°C higher than the water temperature for 2 hours then immediately immersed to a depth of 1 meter for another 2 hours.

All specifications subject to change without notice. Version 5, 11/14.

Motorola Solutions, Inc. 1301 East Algonquin Road Schaumburg, Illinois 60196, U.S.A. 800-367-2346 motorolasolutions.com

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R3-1-2040D



November 16, 2020 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to authorize the City Manager to sign the Application for Additional Service Credit Purchase for Mark Pollock approving two years of additional service credit. This service credit purchase is allowed by the City of Berkley MERIT System of Human Resource Management Section 1001.08 and meets all of the requirements of the MERS Plan Document which would allow for this service credit purchase.

Additional information: All employees that meet the qualifications in this MERIT section are entitled to purchase up to 24 months of added service time. The final cost to be shared by the employee and the City of Berkley was determined by MERS as shown on the attached Application for Additional Service Credit Purchase. The estimate is \$41,779, of which the employee will pay \$8,368 and the City would pay the balance of \$33,411. Although this seems like a high cost, the reality is that the City would pay more to MERS over two years of continuing service than this lump sum amount. This is because the calculation utilizes a formula that approximates the net present value of the service cost.

Ayes:

Nays:

Motion:

City of Berkley-Finance Department

Memorandum

To: Matt Baumgarten, City Manager
From: Mark Pollock, Finance Director
Date: November 10, 2020
Subject: Application for Additional Service Purchase Credit

We have placed on the Council Agenda a motion for Council to approve by your signature and submittal to MERS an application for additional service credit from MERIT System employee Mark Pollock.

I have attached the MERIT System Section 1001.08 which describes how an employee is eligible for this additional service credit purchase. I have met all of the eligibility requirements for this service purchase, and the Application for Additional Service Credit Purchase needs your signature and approval once Council approves the purchase. The City and I have until December 1st to submit the payment and application to complete the purchase of the service credit. This also complies with the MERS Plan Document requirements. We will then send the signed application to MERS along with the Certification of Qualified Fund Rollover to MERS for my portion of the payment and they will confirm the final actual cost and invoice the City for their portion of the final cost.

All employees who meet the qualifications in this MERIT section are entitled to purchase up to 24 months of added service time. The current estimate from MERS is \$41,779, of which the employee will pay \$8,368.00 and the City would pay the balance of \$33,411.00. As with the service time purchase of the previous employees who have elected to purchase service time, this option costs the City less in a one-time lump sum amount than we would pay to MERS in retirement costs over two years of the individual continuing to work. This is because the calculation utilizes a formula that approximates the net present value of the service cost which is lower than the future cost over time.

Feel free to call or e-mail me if you have any questions.

Application for Additional Service Credit Purchase

Section 1: Service Credit Purchase Cost Estimate

With the approval of the employer and the local governing body, participants can purchase additional service credit to help meet an early retirement eligibility provision or to increase their pension benefit. Unlike MERS-to-MERS or Act 88 time, purchased service credit generally cannot be used to reach vesting.

This estimate is only valid for two months after October 1, 2020, the effective date of this calculation.

The cost to purchase service credit for each individual is based on many factors. Below is the information that MERS used to prepare this estimate. Please review the following information for accuracy. If any is incorrect, this estimate may not be correct.

Participant Information

Mark W. Pollock

Date of Birth: 11/1/1962
 Age: 57 years, 11 months
 Spouse's Date of Birth: 10/8/1970
 FAC as of calculation date: \$83,683.52

Employer Information

Berkley, City of
 6304 / 12

Benefit Program

Benefit B-3 (80% max)
 Benefit F55 (With 25 Years of Service)
 Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years
 Benefit FAC-3 (3 Year Final Average Compensation)
 10 Year Vesting
 Defined Benefit Normal Retirement Age - 60

Service Credit

Earned service credit as of calculation date: 1 year, 9 months
 Vesting Only Service:
 Other Governmental Service used for Eligibility (MERS or Act 88):
 Type of Credited Service to be Purchased: Generic
 Amount of additional service requested: 2 years, 0 months

Benefit Impact

	Earliest Eligibility Retirement Date	Retirement Age	Projected FAC	X	Service Credit	X	Benefit Multiplier	=	Annual Benefit
Before Proposed Purchase	11/1/2022	60 years 0 months	\$88,998.80		3 years 10 months		2.25%		\$7,676.04
After Proposed Purchase	11/1/2022	60 years 0 months	\$88,998.80		5 years 10 months		2.25%		\$11,681.04

Estimated Cost of This Service Credit Purchase: \$41,779.00

The total cost is due in full at the time of purchase and may be paid by either the participant or employer. You may be eligible to transfer assets from other accounts to make a payment for the purchase, such as: 457 Deferred Compensation Plans; 401 plans; 403(b) plans; and some IRAs (traditional and SIMPLE). To initiate this transfer complete the form *Certification of Qualified Fund Rollover to MERS* (form number F-38). Send signed, approved Application for Additional Service Credit to MERS prior to sending any payment.

Section 2: Calculation Assumptions

1. Projected Earliest Eligible Retirement Date

This date is calculated using the participant's date of birth, the amount of service credit reported by the employer, and other service credit that we have on record (such as MERS-to-MERS or Act 88 time). If any of this data is incomplete or inaccurate this can affect the cost estimate. If the participant chooses to retire on a different date, it may increase/decrease the actual cost.

2. Projected Final Average Compensation (FAC)

Future increases in the FAC are assumed to be a 3.00% annual increase. This calculation is dependent on the wages reported by the employer to MERS. If the actual increases end up being different than the assumption, it may increase/decrease the actual cost.

3. Projected Service Credit

It is assumed the participant will continue to work until the earliest date for unreduced retirement benefits unless a specific termination date is shown. Any deviation from the earliest eligibility date may increase/decrease the actual cost.

4. Benefit Program

The current benefit plan provisions are used to calculate the cost of purchasing service credit. If the participant transfers into a different division and is eligible for a benefit plan with different provisions, then the cost may differ from the initial calculation. Likewise costs may differ if the municipality adopts different benefits in the future for any participant that has purchased service credit. These changes will be reflected in the actuarial valuation required to adopt any benefit increase.

5. Investment Assumption

The current investment return assumption for service credit purchase is 6.35%.

6. Mortality Rate

Assumptions are made on the life expectancies of the participant and their surviving spouse, using tables generated by actuarial professionals.

Section 3: Certification and Authorization

PARTICIPANT CERTIFICATION

I certify the above information is correct and accurate. If this is a purchase of qualifying "other governmental" service, I certify the service has not and will not be recognized for the purposes of obtaining or increasing a pension under another defined benefit retirement plan.

Participant Signature _____

Date _____

GOVERNING BODY RESOLUTION

By Resolution of its Governing Body, at its meeting on _____, as provided by the MERS Plan Document, and in accordance with the employer's policy, the employer hereby authorizes the participant named above to make a service credit purchase from MERS as described above. The employer understands this is an estimated cost, calculated using actuarial assumptions approved by the Retirement Board. Any difference between the assumptions and actuarial experience will affect the true cost of the additional service to the employer. The calculation assumptions are outlined above and the employer understands and agrees it is accountable for any difference between estimated and actual costs.

Signature of Authorized Official _____

Date _____

Title _____

MERS Use Only

Payment Received:	Participant Payment:
Service Credit:	ER Payment:
Signed:	

CITY OF BERKLEY
MERIT SYSTEM OF HUMAN RESOURCE MANAGEMENT

- 1001.03 Membership of an employee in the retirement system shall commence as of the first day of paid employment, or at such other time as the employee meets the monthly work time criteria on a regularly scheduled basis.
- 1001.04 The terms and conditions of participation in the (MERS) retirement system, and qualification to receive benefits there under, shall be subject to the provisions of the act, and to the rules, procedures, and decisions of the retirement board, established pursuant to the act to manage, administer, and operate the MERS retirement system. An employee may not use the grievance procedure contained in this Merit System to settle any dispute regarding any matter which is the responsibility of the retirement board under the act.
- 1001.05 The benefit program for all eligible Merit System employees who retire on or after January 1, 1992 shall be Plan B-4, with termination of membership vesting Benefit Program V6.^(R-78-91) An employee meeting the following criteria for years of credited service and age shall be eligible to retire with unreduced benefits: ^(R-23-01)
- a. Six (6) years of credited service and sixty (60) years of age.
 - b. Fifteen (15) years of credited service and fifty-five (55) years of age.
 - c. Twenty-five (25) years of credited service at any age.^(R-23-01)
 - d. Regardless of hire date, the components of Final Average Compensation shall be those items outlined in the Municipal Employees' retirement system of Michigan Plan Document.
- 1001.07 All full time employees hired on or after July 1, 2008, will be eligible for a B-3 with 55/25 and age 60 with 10 years of service. Final Average Compensation will be FAC-3.
- 1001.08 As provided in, and subject to, the provisions of the MERS Plan Document, an employee may receive additional length of service credit for retirement purposes for service in the employ of certain governmental units other than the City of Berkley, and full time previous City of Berkley service not currently credited,^{R-37-00} subject to the following additional provisions: ^{R-72-99}
- a. At the time of requesting the additional service credit, the employee meets the eligibility requirements as described in the MERS Plan Document for the vesting benefits. ^{R-72-99}
 - b. The city will pay a portion of the cost for not more than twenty-four (24) months of service to be credited according to Section 1001.05 (b). The employee shall pay to MERS an amount determined as follows:

Employee payment to MERS = $\frac{\text{MERS reportable wages for prior 12 months}}{12} \times .05 \times \text{Number of months to be credited}$

CITY OF BERKLEY
MERIT SYSTEM OF HUMAN RESOURCE MANAGEMENT

- c. The city shall be responsible for the portion of the total cost not paid by the employee. The employee shall be responsible for the entire cost of any additional service greater than 24 months that the employee may wish, and be eligible, to add to the service credit pursuant to the MERS Plan Document. R-72-99
- d. The city will be responsible for one required valuation of cost per eligible employee to add additional service credit. The employee shall be responsible for any additional valuations that may be required when less than all eligible prior service is added at any given time. R-72-99

1002 LONGEVITY AT RETIREMENT

An employee whose application for regular or disability retirement has been approved by the Municipal Employees Retirement System, and who separates from city employment for the purpose of receiving said retirement in the next following month, shall at the time of separation be entitled to receive a prorated longevity payment based upon the number of days from the most recent November 30th to the last day of employment.

1003 HEALTH AND WELFARE BENEFITS FOR RETIREES

Full time employees hired prior to July 1, 20055, who is retired from city employment, who has applied for, and not been denied, or who is receiving, regular retirement or disability payments pursuant to the provisions of the Municipal Employees Retirement System, shall be eligible to receive hospitalization insurance coverage while said retirement payments continue to be paid to the employee or the employee's surviving spouse. This insurance coverage shall be:

- a. The same, unless unavailable from the insurance carrier, as that provided at the time to non-retired Merit System employees, excluding benefits under Medicare or similar plan available pursuant to Federal and State legislation;
- b. Paid for by the city on behalf of the former employee and/or spouse who shall be responsible for payment, when required by the city, for any coverage for their eligible dependents.
- c. Terminated if the city is unable to correspond with the employee for lack of a current mailing address, or the employee fails to meet the financial obligation to the city under this program.
- d. Replaced with a PPO form of coverage as described in Section 901.02, when traditional coverage is unavailable due to the age or place of residence of the retiree.

AN ORDINANCE
Of the Council of the City of Berkley, Michigan
Amending Section 138-222 of Division 1 of Article IV of Chapter 138, Zoning,
Of the City of Berkley Code of Ordinance to Permit Permeable Pavement for Parking Areas.

THE CITY OF BERKLEY ORDAINS:

SECTION 1: Section 138-222 of Division 1 of Article IV of Chapter 138 of the Berkley Code of Ordinance shall be amended, as follows:

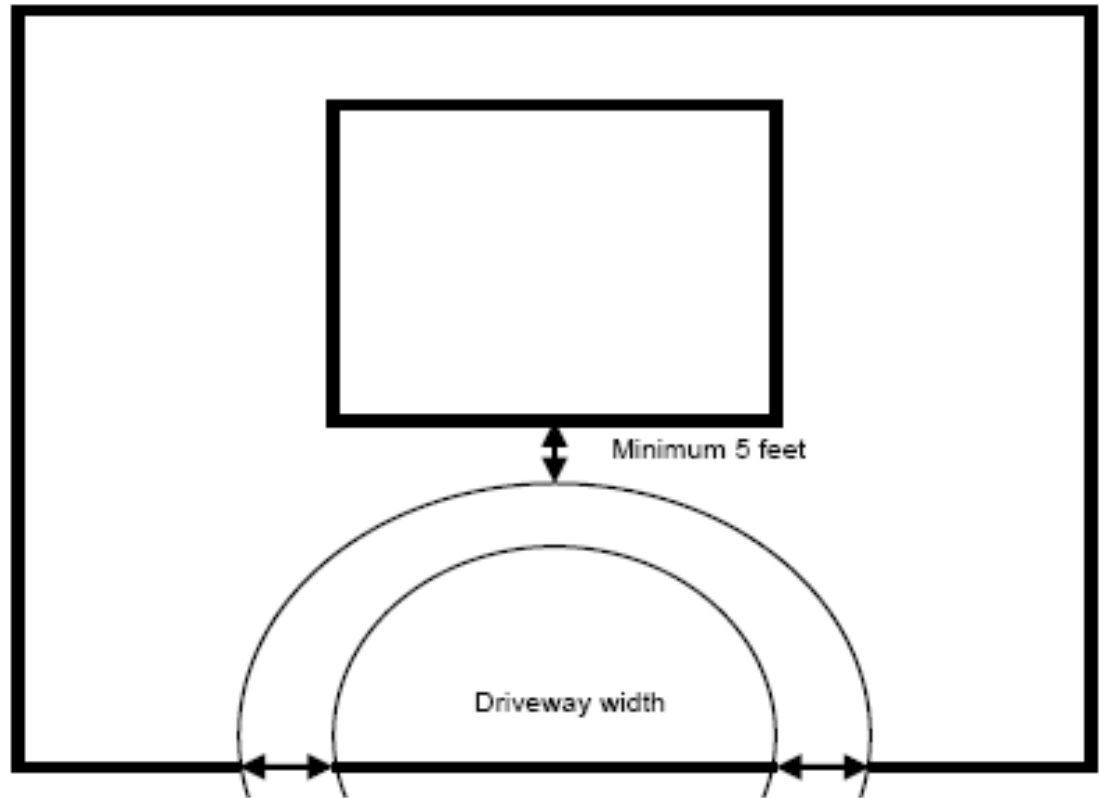
DIVISION 1. – OFF-STREET PARKING REQUIRMENTS

Sec. 138-222. - Parking lot location, design, and construction.

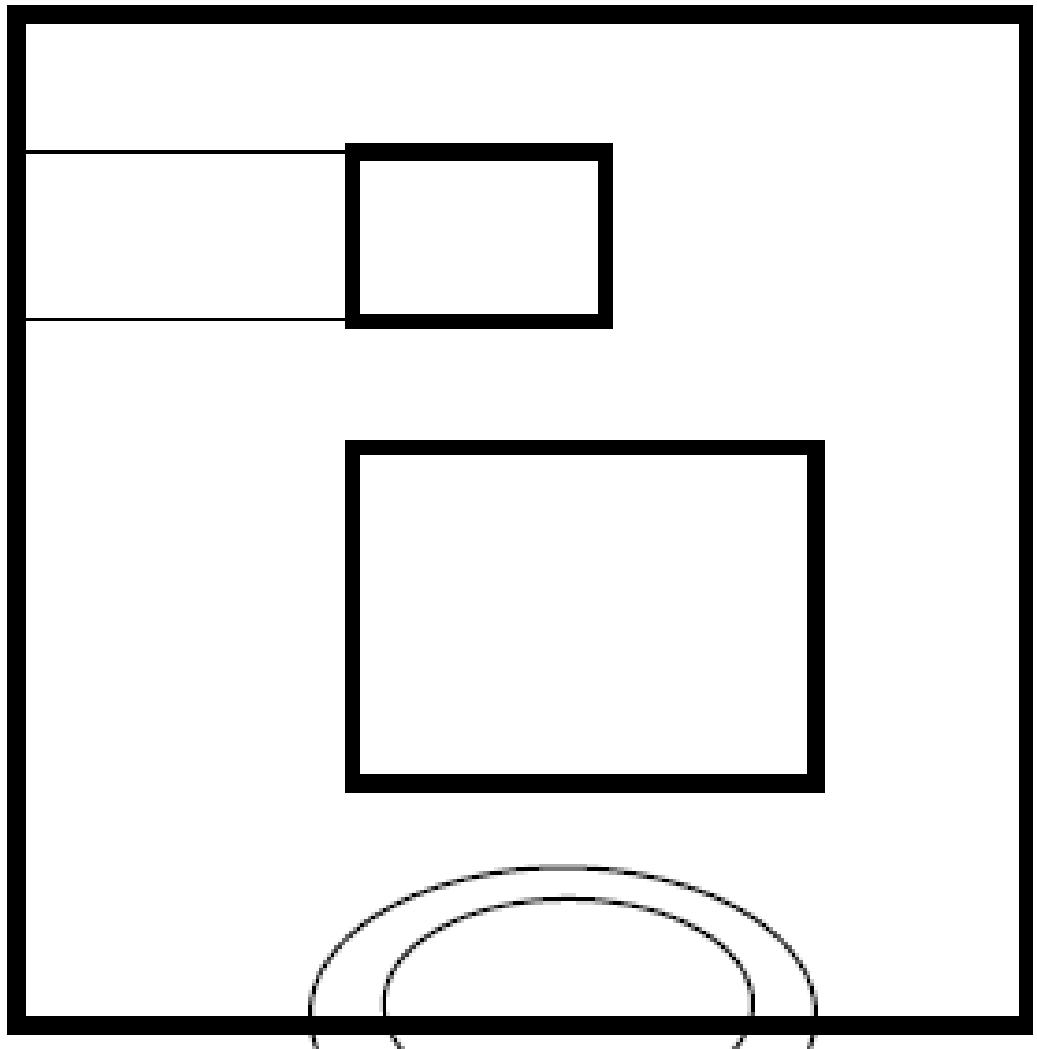
(a) *Single- and two-family residential uses.*

- (1) *Location.* The off-street parking facilities required for single- and two-family dwellings shall be located on the same lot or plot of ground as the buildings they are intended to serve.
- (2) *Commercial vehicles.*
 - a. A commercial vehicle is defined as a truck, pick up truck, sedan or panel van, including tractors, trailers, semi-trailers, and step vans used for the transportation or delivery of goods or merchandise or used in the business occupation of the current resident. No commercial vehicle shall have a height greater than ten feet and a length greater than 24 feet.
 - b. Parking of the following vehicles for more than 48 hours shall be prohibited in any residential district:
 - Semi-tractor;
 - Tow truck;
 - Cement truck;
 - Flat-bed truck whose bed exceeds 10 feet;
 - Tank body truck;
 - Cherry pickers;
 - Dump truck;
 - Stake truck whose bed exceeds ten feet; or
 - Any type of construction or industrial equipment but not limited to bull dozers and hi-lo's, or vehicles equipped with open racks for transporting glass, lumber or any type of extended materials.
 - c. All permitted commercial vehicles shall be currently licensed and operative. Vehicles shall be limited to those used by current residents.
- (3) *Residential drive ways.*
 - a. *Number of driveways.*

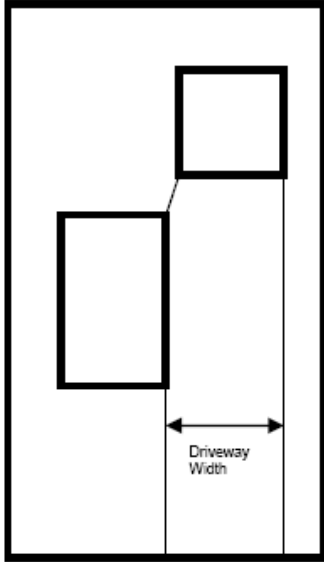
1. *For parcels less than 100 feet wide.* No more than one driveway and approach per dwelling unit shall be permitted.
2. *For parcels 100 feet or more in width.* A circular driveway with two approaches on the same street is permitted. Circular driveways shall not exceed 10 feet in width and shall not be less than 5 feet from the front building line. The driveway shall not be less than 5 feet from the side lot line as measured along the front lot line. Total pavement within the front yard shall not exceed 35% of the front yard.



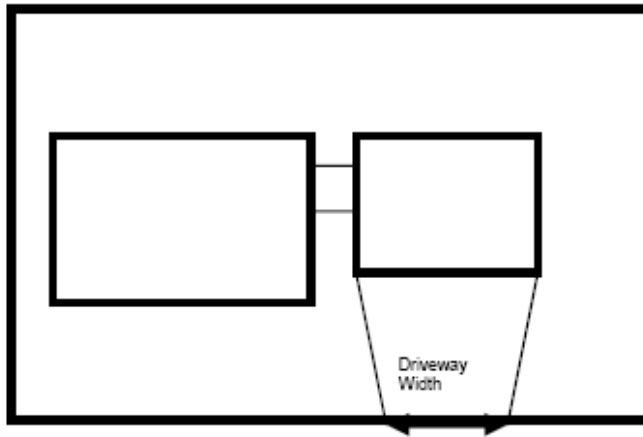
3. *For parcels 100 feet or more in width and a corner lot.* In addition to the circular driveway described above, a separate driveway and approach from the side street is permitted if garage access is required.



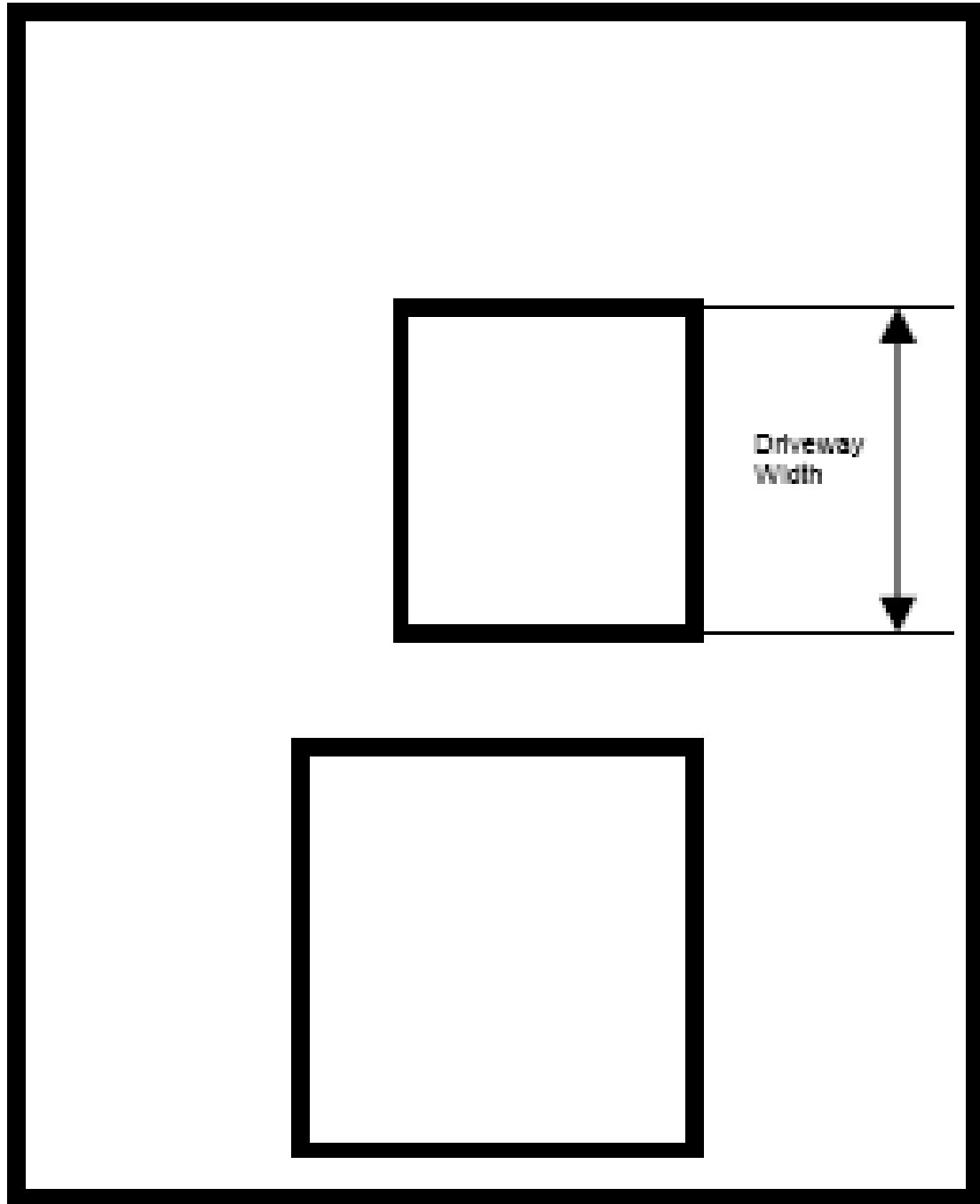
- b. *Parking in the side and rear yards.* No parking shall be permitted on any residential lot or combination of residential lots, in the side or rear yards except upon a hard surface material.
- c. *Recreation vehicles.* Recreation vehicles, as defined in chapter 70, mobile homes, trailers, and recreational vehicles of the City Code, shall be stored in a garage or in the rear yard. See section 70-3, Parking outside of licensed park, for further requirements.
- d. *Parking in the front yard.* No parking shall be permitted on any residential lot or combination of residential lots, in any portion of the area extending between the residential structure and the public street, except upon a driveway area, parking strip or garage existing to the side of the residential structure.



- e. *Interior lots.* The width of the driveway area or parking strip shall not exceed 16 feet between the front building line and the front lot line.
- f. *Interior lots with attached garages.* The width of a driveway area or parking strip shall not exceed the width of the garage and shall taper uniformly to a width of 16 feet at the front lot line.



- g. *Corner lots.* Garages on corner lots shall be rotated so the driveway accesses the side street. See section 33-115, accessory buildings and structures, for setback requirements. The width of a driveway area or parking strip shall not exceed 20 feet or the width of the garage, whichever is greater. The width of the driveway may be maintained to the side lot line.



- h. *Lots fronting on Greenfield.* Those residential lots fronting on Greenfield Road between 12 Mile Road and Catalpa shall be permitted a driveway approach not exceeding 20 feet in width in the area between the lot line and the street curb wherein parking in an east-west direction shall be permitted, subject to all other parking regulations.
- i. *Lots backing to Coolidge.* Those residential lots backing to Coolidge between Twelve Mile Road and Webster that have a driveway and approach onto Coolidge as of June 19, 2008 shall be allowed to maintain and replace said driveway and approach. No additional driveways or approaches onto this portion of Coolidge shall be permitted.

(b) *Multiple-family uses.*

(1) *Location.* The off-street parking facilities required for single- and two-family dwellings shall be located on the same lot or plot of ground as the buildings they are intended to serve.

(2) *Commercial vehicles.*

a. A commercial vehicle is defined as a truck, pick up truck, sedan or panel van, including tractors, trailers, semi-trailers, and step vans used for the transportation or delivery of goods or merchandise or used in the business occupation of the current resident. No commercial vehicle shall have a height greater than ten feet and a length greater than 24 feet.

b. Parking of the following vehicles for more than 48 hours shall be prohibited in any residential district:

- Semi-tractor;

- Tow truck;

- Cement truck;

- Flat-bed truck whose bed exceeds ten feet;

- Tank body truck;

- Cherry pickers;

- Dump truck;

- Stake truck whose bed exceeds ten feet; or

- Any type of construction or industrial equipment but not limited to bull dozers and hi-lo's, or vehicles equipped with open racks for transporting glass, lumber or any type of extended materials.

c. All permitted commercial vehicles shall be currently licensed and operative. Vehicles shall be limited to those used by current residents.

(3) *Design.*

a. *Parking lot ingress and egress.* Adequate ingress to the parking lot by means of clearly limited and defined drives shall be provided for all vehicles.

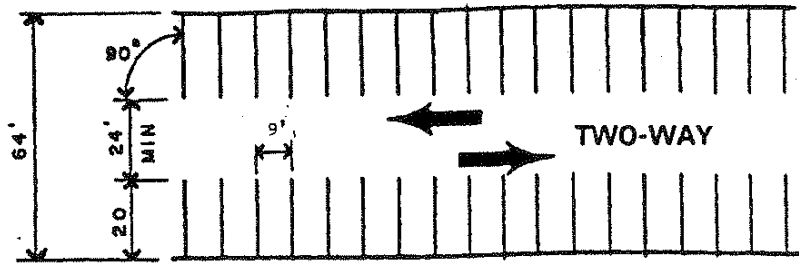
b. *Backing onto public right-of-way.* Backing a vehicle onto or from public rights-of-way (public alley excepted) is prohibited in all areas except residential areas. Parking spaces shall be designed and arranged so that it is more convenient for the parking space user to accomplish the necessary backing movements on the private property than it is to work onto or from the public rights-of-way.

c. *Screenwalls.* Where parking and/or off-street loading areas for business, office or industry are abutting a residential district, a six-foot obscuring masonry wall shall be constructed on the property line of such abutting districts. See article III "General Provisions," division 2 "Fences," for further screenwall requirements. Ownership shall be shown of all lots or parcels intended for use as parking by an applicant when an application for a building permit or certificate of occupancy is filed.

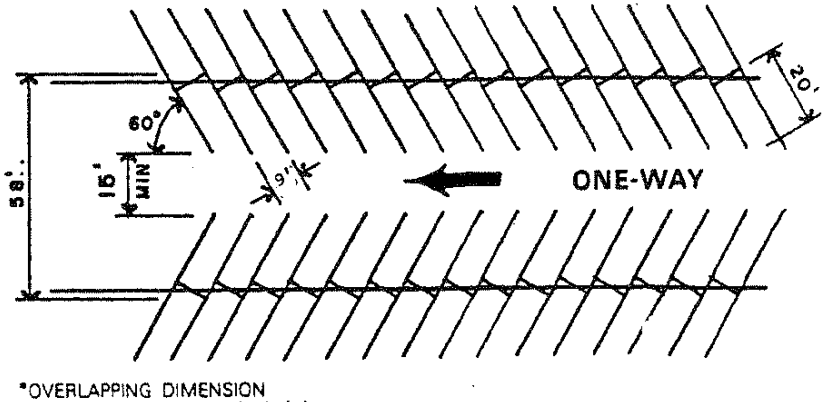
d. *Attendant shelters.* Not more than one building for shelter of attendants shall be erected upon any given parking area and each such building shall not be more than 50 square feet in area nor more than ten feet in height.

- e. *Aisle widths.* Aisle widths shall be required as follows to maintain vehicular and pedestrian safety. The planning commission may alter or revise the aisle width requirements if the commission finds that strict application of said requirements would endanger pedestrians or vehicular traffic.

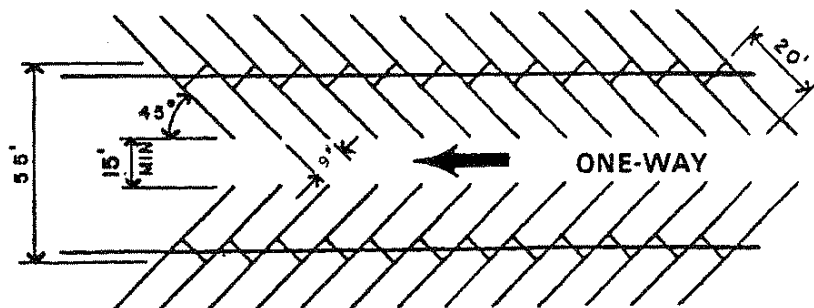
90 DEGREE



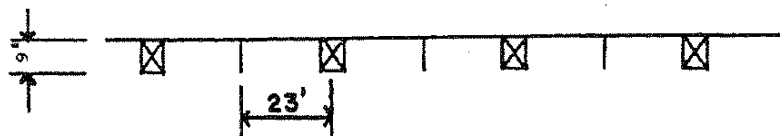
60 DEGREE



45 DEGREE



PARALLEL



PARKING LAYOUTS

(c) *Non-residential uses.*

(1) *Location.*

- a. Required off-street for non-residential uses shall be on the same lot or within 500 feet of the building or use it is intended to serve, measured without crossing Twelve Mile Road, Coolidge Highway, Greenfield Road, Woodward Avenue, or Catalpa Drive from the nearest point of the required off-street parking facility.
- b. If a non-residential use is within 500 feet of a municipal parking lot, without crossing a major thoroughfare, no on-premise parking shall be required.
- c. No parking lots shall be permitted as a principal use in a zoning district other than the parking district (P-1).

(2) *Design.*

- a. *Parking lot ingress and egress.* Adequate ingress to the parking lot by means of clearly limited and defined drives shall be provided for all vehicles.
- b. *Backing onto public right-of-way.* Backing a vehicle onto or from public rights-of-way (public alley excepted) is prohibited in all areas except residential areas. Parking spaces shall be designed and arranged so that it is more convenient for the parking space user to accomplish the necessary backing movements on the private property than it is to work onto or from the public rights-of-way.
- c. *Screenwalls.* Where parking and/or off-street loading areas for business, office or industry are abutting a residential district, a six-foot obscuring masonry wall shall be constructed on the property line of such abutting districts. See article III "General Provisions," division 2 "Fences," for further screenwall requirements. Ownership shall be shown of all lots or parcels intended for use as parking by an applicant when an application for a building permit or certificate of occupancy is filed.
- d. *Attendant shelters.* Not more than one building for shelter of attendants shall be erected upon any given parking area and each such building shall not be more than 50 square feet in area nor more than ten feet in height.
- e. *Aisle widths.* Aisle widths shall be required as follows to maintain vehicular and pedestrian safety. The planning commission may alter or revise the aisle width requirements if the commission finds that strict application of said requirements would endanger pedestrians or vehicular traffic.

- (d) *Construction.* All parking areas and drives shall be provided with paving having an asphaltic or portland cement binder at least 4 inches in depth so as to provide a permanent, durable, and dustless surface. Single family residential driveways may be constructed of masonry pavers. All parking areas shall be graded and drained so as to dispose of all surface water accumulated within the area according to Oakland County requirements prior to the issuance of an occupancy permit. Approaches shall be provided with paving having a portland cement binder at least 6 inches in depth. Approaches shall have a 2 foot flare on each side of the driveway.

Permeable pavement materials may be permitted, upon the review and recommendation by the city engineer. The Planning Commission shall have the authority to approve alternative paving materials in non-residential districts, based on the recommendation of the city engineer.

A zoning certificate shall be required for all driveway replacement and construction.

SECTION 2: Severability Clause

Should any word, phrase, sentence, paragraph, or section of this Ordinance be held invalid or unconstitutional, the remaining provisions of this ordinance shall remain in full force and effect.

SECTION 3: Effective Date

This Ordinance shall become effective 30 days following the date of adoption.

SECTION 4: Publication

The City Council directs the City Clerk to publish a summary of this ordinance in compliance with Public Act 182 of 1991, as amended, and Section 6.5 of the Berkley City Charter.

Attest:

Dan Terbrack
Mayor

Victoria Mitchell
City Clerk

A RESOLUTION
OF THE CITY COUNCIL OF THE CITY OF BERKLEY, MICHIGAN
TO ESTABLISH A COMMERCIAL REHABILITATION DISTRICT

WHEREAS, pursuant to PA 210 of 2005, as amended, the City Council of the City of Berkley, Michigan has the authority to establish "Commercial Rehabilitation Districts" within the City of Berkley at request of a commercial business enterprise or property developer; and

WHEREAS, 2219 Coolidge LLC has filed a written request to establish the Commercial Rehabilitation District for an area of 3.24 acres located in the City of Berkley, hereinafter described; and

WHEREAS, the City Council of the City of Berkley determined that the district meets the requirements set forth in sections 2(b) and 3 of PA 210 of 2005; and

WHEREAS, written notice has been given by certified mail to the county and all owners of real property located within the proposed district as required by section 3(3) of PA 210 of 2005; and

WHEREAS, on November 16, 2020 a public hearing was held and all residents and taxpayers of the City of Berkley were afforded an opportunity to be heard thereon; and

WHEREAS, the City Council deems it to be in the public interest of the City of Berkley to establish the Commercial Rehabilitation District as proposed;

NOW, THEREFORE, BE IT RESOLVED:

SECTION 1: By the City Council of the City of Berkley that the following described parcel(s) of land situated in the City of Berkley, Oakland County, and State of Michigan, to wit:

Parcel 25-18-431-030

T1N, R11E, SEC 18 DENLER ACRES PART OF LOTS 53 & 64 DESC AS BEG AT PT DIST S 89-43-00 W 311.79 FT FROM PT OF INTERSECTION OF N LINE OF SD LOT 15 & W ROW LINE OF COOLIDGE HWY, TH S 01-29-20 E 265.71 FT, TH S 88-36-50 W 147.10 FT, TH N 01-25-00 W 268.53 FT, TH N 89-43-00 E 146.80 FT TO BEG 5-13-20 FR 015, 016 & 021

Parcel 25-18-431-031

T5N, R11E, SEC 18 DENLER ACRES LOT 52, ALSO PART OF LOTS 53, 64 & 65 ALL DESC AS BEG AT PT DIST S 89-43-00 W 190.96 FT FROM PT OF INTERSECTION OF N LINE OF SD LOT 15 & W ROW LINE OF COOLIDGE HWY, TH S 01-25-00 E 276.62 FT, TH S 89-49-43 W 83.52 FT, TH N 01-28-06 W 11.47 FT, TH S 88-36-50 W 36.96 FT, TH N 01-29-20 W 265.71 FT, TH N 89-43-00 E 120.83 FT TO BEG 5-13-20 FR 016, 017 & 021

Parcel 25-18-431-032

T1N, R11E, SEC 18 DENLER ACRES, PART OF LOTS 12 & 13, ALSO ALL OF LOTS 14 & 15. ALL DESCRIPTION AS BEGINNING AT POINT OF INTERSECTION OF NORTH LINE OF SD LOT 15 & N ROW LINE OF COOLIDGE HWY, TH S 01-21-56, E 206.32 FT, TH N 89-43-00 E

0.01 FT, TH S 01-21-56 E 103.16 FT, TH N 89-43-00 E 0.01 FT, TH S 01-21-56 E 75.06 FT, TH N 87-07-01 W 21.13 FT, TH ALONG CURVE TO RIGHT, RAD 133.07 FT, CHORD BEARS N 57-33-02 W 127.06 FT, DIST OF 132.46 FT, THN N 31-30-35 W 25.22 FT, TH ALONG CURVE TO LEFT, RAD 37 FT, CHORD BEARS N 62-02-16 W 34.70 FT, DIST OF 36.11 FT, TH S 89-49-43 W 21.15 FT, TH N 01-25-00 2 276.62 FT, TH N 89-43-00 E 190.96 FT TO BEG 5-13-20 FR 022

Be and here is established as a Commercial Rehabilitation District pursuant to the provisions of PA 210 of 2005 to be known as City of Berkley Commercial Rehabilitation District No. 1.

SECTION 2: That the City Clerk shall send a copy of this resolution to Oakland County Board of Commissioners.

Introduced and passed at a Regular City Council Meeting on Monday, November 16, 2020.

Daniel J. Terbrack, Mayor

Attest:

Victoria Mitchell
City Clerk

2219 Coolidge LLC

September 17, 2020

Berkley City Council
3338 Coolidge Highway
Berkley, MI. 48072

RE: **Request for the Establishment of a Commercial Rehabilitation District Located at 2219 Coolidge Highway, Berkley, Oakland County, Michigan for 2219 Coolidge LLC**

Honorable City Council:

Please accept this letter as a request to establish a Commercial Rehabilitation District (CRD) for the property located at 2219 Coolidge Highway, Berkley, Oakland County, Michigan (the "Property"), further described in Attachment A.

Company and Project Synopsis

2219 Coolidge LLC (the "Developer") is managed by Mr. Fred Blechman and Mr. Steve Friedman. With over 40 years of experience, they have established a proven management track record of successfully acquiring, redeveloping, and managing properties throughout Michigan. Collectively, they have successfully completed over 20 multifamily and mixed-use developments with the Detroit metropolitan region, and currently own and operate 24 residential developments, including Urbane Apartments Complex in the City of Berkley.

The proposed CRD contains portions of five (5) legal parcels totaling approximately 3.24 acres with a street address of 2219 Coolidge Highway, Berkley, Oakland County, Michigan. These parent parcels are in the process of being split and recombined into new child parcels that will be assessed as three (3) new parcels for the 2021 tax year. They are located at 2219 Coolidge Highway on the western side of the Coolidge Highway corridor, bounded by Oxford Avenue to the north, residential to the west, and the Our Lady of La Sallette Church to the south. The property is occupied by a vacant 3-story school building of approximately 40,000 square feet.

The proposed redevelopment includes the renovation of the three-story school building to accommodate 54 apartment units, offering studio (7), one-bedroom (40), and two-bedroom (7) layouts. The development also includes the construction of an underground stormwater detention system and parking accommodation for 109 spaces.

Acquisition Timeline

The Property was acquired by 2219 Coolidge LLC in August 2020.

Necessity for Tax Relief

Substantial investment is necessary to rehabilitate the existing building into a viable, long-term development. The rehabilitation project would not be possible without the receipt of a Commercial Rehabilitation Tax Abatement.

In order to secure financing and future tenants for the development, the operating costs of the proposed project must be kept as low as possible (including property taxes).

Job Creation and Investment

On a short-term basis 200 temporary construction jobs will be created during the rehabilitation activities. On a long-term basis the proposed redevelopment associated with the project will create approximately 12 full time equivalent (FTE) jobs directly by the developer. Total hard cost investment is estimated to be \$5,580,000 and total capital investment is estimated to be \$10,650,000.

***Request for Establishment of a Commercial Rehabilitation District at
2219 Coolidge Highway, Berkley, Michigan 48072***

PA 210 Request

This application documents the request for the establishment of a Commercial Rehabilitation District.

The proposed CRD is eligible as defined by Public Act 210, as amended because it is located in a downtown or business area as determined by the legislative body of the qualified local governmental unit.

Economic Advantages of the Rehabilitation

The granting of the District will not result in any fewer taxes to the City in the short-term or long-term. The project will fill a need for additional apartment spaces within the City of Berkley. The proposed redevelopment will attract new Berkley residents to an area that is a short distance from an established downtown area. As a result, it is anticipated that the rehabilitation of this property will increase day and nighttime foot traffic, which will support local merchants, restaurants, and small business.

On a long-term basis, following expiration of the 10-year abatement the building will deliver a significant increase in tax revenue. After the PA 210 tax abatement has expired, the project will have a significant impact on the generation of new property taxes.

All taxes associated with the property are current as of the submission of this request.

The project is also being considered for a Brownfield Plan under Public Act 381 with an estimated value of \$718,623.

Closing

2219 Coolidge LLC strives to create interesting, unique properties that attract tenants that enjoy living in cities that have created vibrant dining and shopping areas in their downtown. 2219 Coolidge LLC is looking forward to pursuing this redevelopment and continue investing in the City of Berkley.

Respectfully submitted,



Fred Blechman
2219 Coolidge LLC
(248) 668-9446

fred.blechman@outlook.com

Submitted with Assistance from:

Ryan Higuchi
PM Environmental, Inc.
higuchi@pmenv.com
(248) 414-1432

Attachments:

Attachment A: Detailed Project Description

Attachment B: Parcel Map

cc: E. Schlutow, City of Berkley
M. Baumgarten, City of Berkley

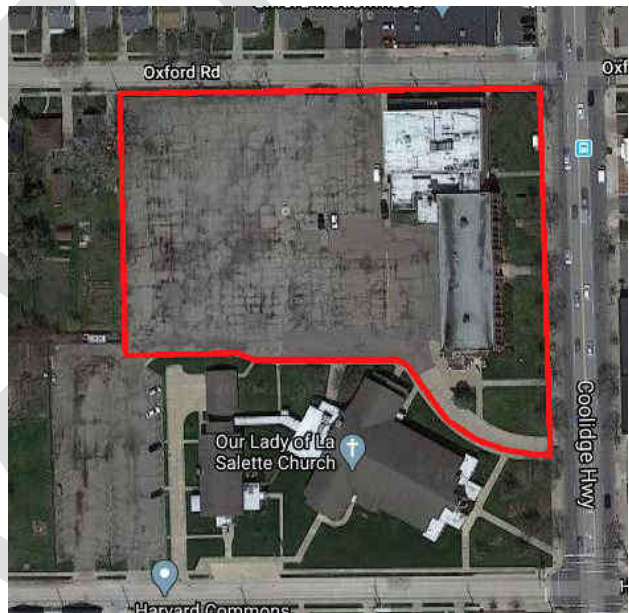
Attachment A



General Description

The proposed Commercial Rehabilitation District (CRD) project is located at 2219 Coolidge Highway, on the western side of the Coolidge Highway corridor and is bounded by Oxford Avenue to the north, residential to the west, and the Our Lady of La Sallette Church to the south. The proposed CRD contains portions of five (5) legal parcels totaling approximately 3.24 acres with a street address of 2219 Coolidge Highway, Berkley, Oakland County, Michigan. These parent parcels are in the process of being split and recombined into new child parcels that will be assessed as three (3) new parcels for the 2021 tax year. The property is occupied by a vacant 3-story school building of approximately 40,000 square feet. A portion of the current school building was originally constructed between 1940 and 1949 and was later expanded between 1952 and 1956. The property was historically occupied by an elementary school until closing in 2013. The building has been vacant since and has started to deteriorate due to the lack of maintenance.

The redesign of the building incorporates essential considerations specific to modern urban living. Particular attention will be given to the preservation of the historic nature of the property when economically feasible by ensuring that any damaged decorative details will be replaced with material consistent with the current profile, finish and color. The project will attract new Berkley residents to an area that is a short distance from an established downtown area. As a result, it is anticipated that the rehabilitation of this property will increase day and nighttime foot traffic, which will support local merchants, restaurants, and small business.



Description of Proposed Use

The proposed redevelopment includes the renovation of a three-story school building to accommodate 54 apartment units, offering studio (7), one-bedroom (40), and two-bedroom (7) layouts. The redesign of the building incorporates essential considerations specific to modern urban living. Particular attention will be given to the preservation of the historic nature of the property when economically feasible by ensuring that any damaged decorative details will be replaced with material consistent with the current profile, finish and color. The development also includes the construction of an underground stormwater detention system and parking accommodation for 109 spaces.

Nature and Extent of the Rehabilitation

2219 Coolidge LLC intends to apply for a 10-year real property tax abatement under the provisions of a Public Act 210 Commercial Rehabilitation tax abatement. Funding for the complete

rehabilitation is sourced from owner equity and permanent financing, with an estimated hard cost estimate of \$5,580,000 and an estimated total project investment of \$10,650,000

Demolition of the outdated interior layout will occur along with electrical, plumbing and mechanical/HVAC upgrades, new energy efficient windows and doors, kitchen and bathroom cabinetry, appliances, and fixtures, and also includes the exterior repair or replacement of the deteriorated and/or damaged plaster, masonry, brick and stone and streetscape improvements.

Descriptive List of the Fixed Building Equipment

Renovations, new fixed building equipment and materials for the project include:

- Masonry; restoration activities associated with the existing building
- Carpentry; including framing, kitchen cabinetry, vanities, trim work
- Thermal and Moisture Protection; roofing system, caulking and sealing, waterproofing
- Doors and Windows; curtain wall and exterior doors, interior doors/frames/hardware
- Mechanical; plumbing and HVAC
- Electrical; electrical work, security system, and communications
- Fire alarm/suppression system
- Finishes; drywall and steel studs/insulation, hard tile, hardwood/LVT flooring, painting
- Specialties; fire extinguishers, toilet accessories, and appliances.

Time Schedule

Renovation activities are anticipated to commence in Fall of 2020 and is anticipated to be completed by winter 2021.

Statement of Economic Advantages

The proposed development will fill a need for additional apartment spaces within the City of Berkley. The proposed redevelopment will attract new Berkley residents to an area that is a short distance from an established downtown area. As a result, it is anticipated that the rehabilitation of this property will increase day and nighttime foot traffic, which will support local merchants, restaurants, and small business.

According to Apartments.com, there are six apartment complexes located within a mile of the project location, with three located in the City of Berkley and three located in the neighboring City of Royal Oak. At present, none of these apartment complexes have availability for new residents. Furthermore, discussions between the development team and Beaumont Hospital of Royal Oak (located approximately one and half miles north of the project location) have indicated a need for additional apartment housing options. Several medical professionals that are in the process of completing their residencies have expressed a desire to relocate to apartments that are closer to the hospital to reduce commute times, as well as being located near a downtown area.

The granting of the tax abatement will not result in any fewer taxes to the City in the short-term or long-term. All City taxes are current as of the date of this submittal. Upon successful redevelopment, the project will generate increased property and income taxes.

On a short-term basis approximately 200 full-time equivalent (FTE) construction jobs will be created. On a long-term basis, the proposed development will create approximately 12 FTE jobs related to janitorial, building and grounds maintenance, and lease management.

Following expiration of the 10-year abatement the building will deliver a significant increase in tax revenue. After the PA 210 tax abatement has expired, the project will have a significant impact on the generation of new property taxes. Over time, the successful redevelopment and cultural growth will have a catalyst effect within this neighborhood.

Legal Descriptions

Parent Parcels (2020)

Parcel ID: 25-18-431-015
T1N, R11E, SEC 18 DENLER ACRES W 84 FT OF LOT 53

Parcel ID: 25-18-431-016
T1N, R11E, SEC 18 DENLER ACRES E 84 FT OF LOT 53

Parcel ID: 25-18-431-017
T1N, R11E, SEC 18 DENLER ACRES LOT 52

Parcel ID: 25-18-431-018
T1N, R11E, SEC 18 DENLER ACRES E 42 FT OF LOT 62 EXC N 93 FT

Parcel ID: 25-18-431-019
T1N, R11E, SEC 18 DENLER ACRES W 84 FT OF LOT 63

Parcel ID: 25-18-431-020
T1N, R11E, SEC 18 DENLER ACRES E 84 FT OF LOT 63

Parcel ID: 25-18-431-021
T1N, R11E, SEC 18 DENLER ACRES LOTS 64 & 65

Parcel ID: 25-18-431-022
T1N, R11E, SEC 18 DENLER ACRES LOTS 11 TO 15 INCL

Child Parcels (2021)

Parcel ID: 25-18-431-030
T1N, R11E, SEC 18 DENLER ACRES PART OF LOTS 53 & 54 DESC AS BEG AT PT DIST S 89-43-00 W 311.79 FT FROM PT OF INTERSECTION OF N LINE OF SD LOT 15 & W ROW LINE OF COOLIDGE HWY, TH S 01-29-20 E 265.71 FT, TH S 88-36-50 W 147.10 FT, TH N 01-25-00 W 268.53 FT, TH N 89-43-00 E 146. FT TO BEG 5-13-20-FR 015, 016 & 021

Parcel ID: 25-18-431-031
T1N, R11E, SEC 18 DENLER ACRES LOT 52 ALSO PART OF LOTS 53, 64 & 65 ALL SEC AS BEG AT PT DIST S 89-43-00 W 190.96 FT FROM PT OF INTERSECTION OF N LINE OF SD LOT 15 & W ROW LINE OF COOLIDGE HWY, THE S 01-25-00 E 276.62 FT, TH S 89-49-43 W

83.52 FT, TH N 01-28-06 W 11.47 FT, TH S 88-36-50 W 36.96 FT, TH N 01-29-20 W 265.71 FT, TH N 89-43-00 E 120.83 FT TO BEG 5-13-20 FR 016, 017 & 021

Parcel ID: 25-18-431-032

T5N, R11E, SEC 18 DENLER ACRES PART OF LOTS 12 & 13, ALSO ALL OF LOTS 14 & 15 ALL DESC AS BEG AT PT OF INTERSECTION OF N LINE OF SD LOT 15 & N ROW LINE OF COOLIDGE HWY, TH S 01-21-56 E 206.32 FT, TH N 89-43-00 E 0.01 FT, TH S 01-21-56 E 106.16 FT, TH N 89-43-00 E 0.01 FT, TH S 01-21-56 E 75.06 FT, TH N 87-07-01 W 21.13 FT, TH ALG CURVE TO RIGHT, RAD 133.07 FT, CHORD BEARS N 57-33-02 W 127.06 FT, DIST OF 132.46 FT, TH N 31-30-35 W 25.22 FT, TH ALG CURVE TO LEFT, RAD 37 FT, CHORD BEARS N 62-02-16 W 34.70 FT, DIST OF 36.11 FT, TH S 89-49-43 W 21.15 FT, TH N 01-25-00 W 276.62 FT, TH N 89-43-00 E 190.96 FT TO BEG 5-13-20 FR 022

DRAFT

Attachment B



Assessors Map (2020)



- 2 Foot Contours
- 5 Foot Contours
- FEMA Base Flood Elevations
- FEMA Cross Sections
- 100 yr - FEMA Floodplain
- 100 yr (detailed) - FEMA Floodplain
- 500 yr - FEMA Floodplain
- FLOODWAY - FEMA Floodplain

Disclaimer: The information provided herewith has been compiled from recorded deeds, plats, tax maps, surveys and other public records. It is not a legally recorded map or survey and is not intended to be used as one. Users should consult the information sources mentioned above when questions arise. FEMA Floodplain data may not always be present on the map.

OAKLAND COUNTY MICHIGAN
Economic Development & Community Affairs
L. Brooks Patterson
Oakland County Executive

Date Created: 11/4/2016
NORTH
1 inch = 200 feet

An aerial photograph of a residential area with numerous land parcels outlined in yellow. Each parcel is labeled with a unique identifier, such as "25-18-431-001" through "25-18-431-010" along the left side, and "25-18-429-043" at the top. A large parcel in the center-right is highlighted with a red border. The parcel numbers within this red boundary include "25-18-431-030", "25-18-431-031", "25-18-431-032", "25-18-431-033", and "25-18-431-034". To the right of the map, a road is labeled "Coolidge Hwy". Other visible labels include "7-900-2" at the bottom left and "25-17-302-003" at the bottom right.

COMMERCIAL REHABILITATION ACT

[Public Act 210 of 2005](#), as amended, encourages the rehabilitation of commercial property by abating the property taxes generated from new investment for a period up to 10 years. As defined, commercial property is a qualified facility that includes a building or group of contiguous buildings of commercial property that is 15 years or older, of which the primary purpose is the operation of a commercial business enterprise or multifamily residential use. A qualified facility may also include vacant property or other commercial property which, within the immediately preceding 15 years, was commercial property. Types of commercial business enterprises include office, engineering, research and development, warehousing, parts distribution, retail sales, and other commercial activities. Multi-family residential is housing that consists of five or more units. Commercial properties allocated new market tax credits are also considered a qualified facility.

Qualified retail food establishments are considered a qualified facility for purposes of granting the tax abatement. These establishments include a retail supermarket, grocery store, produce market, or delicatessen that offer unprocessed USDA-inspected meat and poultry products or meat products that carry the USDA organic seal, fresh fruits and vegetables, and dairy products for sale to the public. The qualified retail food establishment must be located in a “core community” as defined in the Obsolete Property Rehabilitation Act (PA 146 of 2000) or in an area designated as rural as defined by the United States Census Bureau and is located in an underserved area.

Commercial property does not include property that is to be used as a professional sports stadium or a casino. Land and personal property are not eligible for abatement under this act.

Note: This document is offered as a general guide only and the legislation should be reviewed by local officials.

WHO IS ELIGIBLE?

“Qualified local government units” mean any city, village or township.

WHAT IS REHABILITATION?

Rehabilitation is defined as changes to qualified facilities that are required to restore or modify the property, together with all appurtenances, to an economically efficient condition. The new investment in the rehabbed property must result in improvements aggregating to more than 10 percent of

the true cash value of the property at commencement of the rehabilitation of the qualified facility. Rehabilitation includes the following: improvement of floor loads, correction of deficient or excessive height, new or improved fixed building equipment including heating, ventilation, and lighting, reducing multistory facilities to one or two stories, improved structural support including foundations, improved roof structure and cover, floor replacement, improved wall placement, improved exterior and interior appearance of buildings, and other physical changes required to restore or change the property to an economically efficient condition.

Rehabilitation also includes new construction on vacant property from which a previous structure has been demolished and if the new construction is an economic benefit to the local community as determined by the qualified local governmental unit.

Rehabilitation for a qualified retail food establishment also includes new construction.

WHAT IS THE PROCESS?

Before the Commercial Rehabilitation Exemption Certificate (i.e., property tax abatement) can be granted to the commercial property owner, the city, village or township by resolution of its legislative body, must establish a Commercial Rehabilitation District. The establishment of the district may be initiated by the local government unit or by owners of property comprising 50 percent of all taxable value of the property in the proposed district. The district must be at least three acres in size unless it is located in a downtown or business area or contains a qualified retail food establishment.

The city, village or township must hold a hearing to establish a Commercial Rehabilitation District. Notification of the hearing must be given to the county board of commissioners and all real property owners in the proposed district.

After the hearing is held and the local unit of government determines the district meets the requirements of the act, a copy of the resolution adopting the district shall be provided to the county where the district is established. Within 28 days, the county may accept or reject the establishment of the district. In a county with a county executive, the executive can write a letter rejecting the establishment of the district. In all other counties, the county board of commissioners can pass a resolution rejecting the establishment of the district.

Once the district is established, the property owners may file an application with the local clerk for a commercial rehabilitation exemption certificate. Applications are available from the Michigan Department of Treasury. The local clerk shall provide written notification to the assessor of the local unit of government and each taxing jurisdiction that levies ad valorem property taxes of the application hearing. The city, village or township has 60 days after receipt of the application to either approve or disapprove the application. If denied, a reason must be given in the resolution. The assessor and applicant shall be sent a copy of the unapproved resolution by certified mail. If approved, the application and resolution must be sent to the State Tax Commission, which will certify or deny the application within 60 days. A resolution is not effective unless approved by the State Tax Commission.

COMMERCIAL REHABILITATION EXEMPTION CERTIFICATE

Upon approval by the State Tax Commission, a commercial rehabilitation certificate is issued. The property owner must pay a Commercial Rehabilitation Tax rather than the normal property tax. The certificate must be issued for a period of at least one year, but cannot exceed 10 years. Certificates initially issued for less than 10 years may be extended, but shall not exceed 10 years. The criteria for extensions must be included in the resolution approving the abatement.

The Commercial Rehabilitation Tax freezes the taxable value of the building and exempts the new investment from local taxes. The school operating tax and the State Education Tax (SET) are still levied on the new investment. Land and personal property cannot be abated under this act.

DISCUSSION

In addition to the Commercial Rehabilitation Act (PA 210 of 2005), several other property tax abatements are available for the rehabilitation of commercial property in Michigan, including the Commercial Redevelopment Act (PA 255 of 1978) and the Obsolete Property Rehabilitation Act (PA 146 of 2000). Each act has unique eligibility requirements, processes, and lengths and terms of the abatement. Please refer to the Michigan Economic Development Corporation (MEDC) fact sheet for more information on each program and consult the authorizing statute to determine the best fit for your project needs.

SUPPORTING STATUTE

[Public Act 210 of 2005: Commercial Rehabilitation Act](#)

CONTACT INFORMATION

For more information on the Commercial Rehabilitation Act, contact the [Community Assistance Team \(CAT\) specialist](#) assigned to your territory or visit www.miplace.org.

A RESOLUTION
OF THE CITY COUNCIL OF THE CITY OF BERKLEY, MICHIGAN
TO APPROVE A BROWNFIELD PLAN FOR THE BERKLEY REDEVELOPMENT
PROJECT AND TO REQUEST REVIEW BY THE OAKLAND COUNTY
BROWNFIELD REDEVELOPMENT AUTHORITY

WHEREAS, the City of Berkley has a Brownfield project commonly known as the Berkley Redevelopment Project, proposed by the applicant 2219 Coolidge LLC, that the City would like to have reviewed and processed by the Oakland County Brownfield Redevelopment Authority; and

WHEREAS, the City of Berkley has not created a Brownfield Redevelopment Authority; and

WHEREAS, the Oakland County Brownfield Redevelopment Authority was created by Oakland County pursuant to MCL 125.2651 et seq. to assist jurisdictions like the City of Berkley that do not have their own Brownfield Redevelopment Authority; and

WHEREAS, the Oakland County Brownfield Redevelopment Authority is prepared to assist the City of Berkley by reviewing the proposed Berkley Redevelopment Project, provided that the City of Berkley acknowledges certain rights that the Oakland County Brownfield Redevelopment Authority has, to wit:

- OCBRA intends to collect an administration fee of \$5,000 per year for the length of the Brownfield Plan. The administration fee is determined by the size and complexity of the project; and
- OCBRA intends to capture and collect 100% of the eligible costs for the Brownfield project, and that such funds will be placed in the OCBRA's revolving loan fund for future remediation projects.

WHEREAS, the City of Berkley will have the opportunity to provide public comment on any Brownfield Plan, including the amount of the administration fee to be collected and the amount captured for the revolving loan fund, before it is adopted by the OCBRA.

NOW, THEREFORE, BE IT RESOLVED that the City of Berkley City Council requests the OCBRA to undertake review of the Berkley Redevelopment Project.

IT IS FUTHER RESOLVED THAT the City of Berkley acknowledges and understands that OCBRA intends to collect administration fees and capture taxes for its revolving loan fund, specified in the Brownfield Plan.

Introduced and passed at a Regular City Council Meeting on Monday, November 16, 2020.

Daniel J. Terbrack, Mayor

Attest:

Victoria Mitchell
City Clerk

**OAKLAND COUNTY
BROWNFIELD REDEVELOPMENT AUTHORITY**

BROWNFIELD PLAN

**THE BERKLEY REDEVELOPMENT PROJECT
LOCATED AT 2219 COOLIDGE HIGHWAY,
BERKLEY, MICHIGAN**

November 2, 2020

Approved by City Council:
Approved by BRA:

Prepared on Behalf of:

2219 Coolidge LLC
6400 Telegraph Road, Suite 2500
Bloomfield Township, MI 48301
Contact Person: Mr. Tom Herbst
Telephone: (248) 835-6557

Prepared By:

PM Environmental, Inc.
4080 West Eleven Mile Road
Berkley, Michigan 48072
Contact Person: Ryan Higuchi
Telephone: (248) 414-1432



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APPENDICIES

Appendix A	Legal Description
Appendix B	Property Location Boundary
Appendix C	Preliminary Site Plans and Renderings
Appendix D	Documentation of Eligibility

TABLES

Table 1: Estimated Costs of Eligible Activities
Table 2: Tax Increment Revenue Capture Estimates
Table 3: Tax Increment Reimbursement Estimates

PROJECT SUMMARY

Project Name:	The Berkley
Project Location:	The property is located at 2219 Coolidge Highway in Township one north (T.1N), Range eleven east (R.11E), Section 18, Berkley, Oakland County Michigan 48072 (the "Property").
Type of Eligible Property:	The property is determined to be "Functionally Obsolete"
Eligible Activities:	Pre-Approved Activities, Demolition, Asbestos and Lead Abatement, and Preparation of a Brownfield Plan and Act 381 Work Plan.
Developer Reimbursable Costs:	\$718,623 (includes eligible activities and 15% contingency)
LBRF Reimbursement	\$70,000
Years to Complete Reimbursement:	12 Years from start of capture
Estimated Capital Investment:	Approximately \$10,676,409 (including Acquisition, Hard and Soft Costs)
Project Overview:	The Developer intends to renovate a three-story former school building to create 54 apartment units. Specifically, the project will include 7 studio, 40 one-bedroom, and 7 two-bedroom apartments, parking accommodations of 109 spaces, and an underground stormwater detention system. Building renovations will incorporate essential considerations specific to modern urban living. Upon completion, this project will bring a functionally obsolete building back into productive use and address the growing demand for residential space in the City of Berkley. It is estimated that 200 construction jobs and 12 new permanent jobs will be created as a result of the project.

I. INTRODUCTION AND PURPOSE

In order to promote the revitalization of environmentally distressed, historic, functionally obsolete and blighted areas within the boundaries of Oakland County ("the County"). The County has established the Oakland County Brownfield Redevelopment Authority (OCBRA) the "Authority" pursuant to the Brownfield Redevelopment Financing Act, Michigan Public Act 381 of 1996, as amended ("Act 381").

The purpose of this Brownfield Plan (the "Plan") is to promote the redevelopment of and investment in the eligible "Brownfield" Property within the County and to facilitate financing of eligible activities at the Brownfield Property. Inclusion of Brownfield Property within any Plan in the County will facilitate financing of eligible activities at eligible properties and will provide tax incentives to eligible taxpayers willing to invest in revitalization of eligible sites, commonly referred to as "Brownfields." By facilitating redevelopment of the Brownfield Property, this Plan is intended to promote economic growth for the benefit of the residents of the City and all taxing units located within and benefited by the Authority.

The identification or designation of a developer or proposed use for the Brownfield Property that is subject to this Plan shall not be integral to the effectiveness or validity of this Plan. This Plan is intended to apply to the eligible property identified in this Plan and, to identify and authorize the eligible activities to be funded. Any change in the proposed developer or proposed use of the eligible property shall not necessitate an amendment to this Plan, affect the application of this Plan to the eligible property, or impair the rights available to the Authority under this Plan.

This Plan is intended to be a living document, which may be modified or amended in accordance with and as necessary to achieve the purposes of Act 381. The applicable sections of Act 381 are noted throughout the Plan for reference purposes.

This Brownfield Plan contains information required by Section 13(2) of Act 381, as amended

II. GENERAL PROVISIONS

A. Description of the Eligible Property (Section 13 (2)(h)) and Project

The Eligible Property consists of portions of five (5) legal parcels totaling approximately 3.24 acres with a street address of 2219 Coolidge Highway, Berkley, Oakland County, Michigan. These parent parcels are in the process of being split and recombined into new child parcels that will be assessed as three (3) new parcels for the 2021 tax year. The parcels and all tangible personal property located thereon will comprise the eligible property and is referred to herein as the "Property."

The Property is located on the west side of the Coolidge Highway corridor, bounded by Oxford Avenue to the north, residential to the west, and the Our Lady of La Sallette Church to the south.

The following is a list of the parent parcels included under this plan, as assessed in 2020, which will be split:

Property Address	Former Parcel ID	Approximate Acreage	Eligibility
Unaddressed	25-18-431-015	0.50 acres	Functionally Obsolete
Unaddressed	25-18-431-016	0.48 acres	Functionally Obsolete
Unaddressed	25-18-431-017	0.58 acres	Functionally Obsolete
2277 Coolidge	25-18-431-021	1.58 acres	Adjacent/Contiguous
Unaddressed	25-18-431-022	2.29 acres	Functionally Obsolete

The following is a list of the future combined child parcels from the above parent parcels, which will be assessed in tax year 2021:

Property Address	New Parcel ID	Approximate Acreage	Eligibility
Unaddressed	25-18-431-030		Functionally Obsolete
Unaddressed	25-18-431-031		Functionally Obsolete
2219 Coolidge Highway	25-18-431-032		Functionally Obsolete

2219 Coolidge LLC, or any affiliate, or such other developer as approved by the Authority, are collectively the project developer (“Developer”).

2219 Coolidge LLC strives to create interesting, unique properties to attract tenants that enjoy living in cities that have created vibrant dining and shopping areas in their downtown. The 2219 Coolidge LLC ownership team has an established and proven management track record of successfully acquiring, redeveloping, and managing properties throughout Michigan, successfully completing over 20 multifamily and mixed-use developments with the Detroit metropolitan region. The Developer currently owns and operates 24 residential developments, including Urbane Apartments Complex in the City of Berkley.

Standard and historical sources document that the property was developed in at least 1937 with six dwellings and associated garage structures along the northern and eastern boundaries. The dwellings and garage structures were demolished between the 1940s and 1960s. The southern portion of the current school building was constructed between 1940 and 1949, and the northern portion was constructed between 1952 and 1956. The property was historically occupied by an elementary school until closing in 2013.

The Property’s legal description is included in Appendix A. Property location maps are included in Appendix B.

The proposed redevelopment includes the renovation of the three-story school building to accommodate 54 apartment units, offering studio (7), one-bedroom (40), and two-bedroom (7) layouts. The redesign of the building incorporates essential considerations specific to modern urban living. The rehabilitation of the property also includes the exterior repair or replacement of the deteriorated and/or damaged plaster, masonry, brick and stone and streetscape improvements. Particular attention will be given to the preservation of the historic nature of the property when economically feasible by ensuring that any damaged decorative details will be replaced with material consistent with the current profile, finish and color. The development also includes the construction of an underground stormwater detention system and parking accommodation for 109 spaces.

The project will attract new Berkley residents to an area that is a short distance from an established downtown area. As a result, it is anticipated that the rehabilitation of this property will increase day and nighttime foot traffic, which will support local merchants, restaurants, and small

business. In addition, the property was recently acquired by the Developer from a tax-exempt entity. Therefore, the property will no longer be tax-exempt starting in year 2021, which will have a significant impact on the generation of new property taxes after the reimbursement of brownfield eligible activities. New tax revenues from non-capturable millages will be immediate.

Abatement and demolition activities are anticipated to begin in the fall of 2020 with renovations set to be completed by the end of 2021. The Developer will invest an estimated \$10.6 million in the development and create approximately 200 construction jobs and 12 new FTE jobs.

Site plans and renderings for the project are included in Appendix C.

B. Basis of Eligibility (Section 13 (2)(h) and Section 2(o))

The Property is considered “Eligible Property” as defined by Act 381, Section 2 because the parcels comprising the Property have been determined to be “functionally obsolete” by a Michigan Master Assessing Officer (MMAO) (formerly Level IV) as described below.

The Property was determined to be obsolete due to the following conditions:

- Ceiling leakage,
- Peeling paint,
- Foundation cracks,
- Areas of pooling water,
- Window and door replacement or rehabilitation
- Presence of asbestos containing materials requiring abatement and lead-based paint,
- The antiquation of HVAC

The functional obsolescence determination is provided in Appendix D.

In addition, several upgrades to the parking lot area are required as part of the site plan approval process to address stormwater management issues. As such, the parking area has been redesigned to include an underground stormwater detention system that is compliant with Oakland County’s recently revised standards.

C. Summary of Eligible Activities and Description of Costs (Sec. 13 (2)(a-b))

Tax Increment Financing revenues will be used to reimburse the costs of “eligible activities” (as defined by Section 2 of Act 381) as permitted under the Brownfield Redevelopment Financing Act that include: Demolition, Asbestos and Lead Activities and preparation of a Brownfield Plan and Act 381 Work Plan. A complete itemization of these activities and associated expenses is included in Table 1.

The following eligible activities and budgeted costs are intended as part of the development of the property and are to be financed solely by the developer. All activities are intended to be “Eligible Activities” under the Brownfield Redevelopment Financing Act. The Authority is not responsible for any cost of eligible activities and will incur no debt.

1. Demolition Activities includes selective building demolition, removal and disposal of parking lots, curbs and gutters, and sidewalks at an estimated of cost of \$418,850.

2. Asbestos and Lead Activities includes asbestos containing materials (ACM) and lead-based paint abatement and professional fees pertaining to sampling, air monitoring, reporting and oversight at an estimated cost of \$184,300.
3. Preparation of the Brownfield Plan and Act 381 Work Plan (if necessary) and associated activities (e.g. meetings with OCBRA, review by City Attorney etc.) and brownfield plan and Act 381 Work Plan implementation at a cost of approximately \$25,000.
4. A 15% contingency of \$90,473 is established to address unanticipated environmental and/or other conditions that may be discovered through the implementation of site activities. This excludes the cost of the preparation of the Brownfield Plan and Act 381 Work Plan.

All activities are intended to be “Eligible Activities” under the Brownfield Redevelopment Financing Act. The total estimated cost of Eligible Activities subject to reimbursement from tax increment revenues is \$628,150 with a potential \$90,473 contingency, resulting in a total cost of \$718,623. Therefore, the total cost for reimbursement to the applicant is a not-to-exceed amount of \$718,623 including contingency), unless the Plan is amended and approved by the Berkley City Council, OCBRA and the Oakland County Board of Commissioners.

“Pre-plan” eligible activity costs pertaining to asbestos abatement and selective interior demolition are necessary to address immediate structural and safety issues and to prevent further damage. It is anticipated these will begin in October 2020, an estimated 90 days prior to this plan’s approval by OCBRA. The remainder of the eligible activities are anticipated to resume after this plan’s approval, with completion by Winter 2021.

D. Estimate of Captured Taxable Value and Tax Increment Revenues (Sec. 13 (2)(c))

Incremental taxes on real property included in the redevelopment project will be captured under this Plan to reimburse eligible activity expenses. The base taxable value of the Property shall be determined by the use of the 2020 tax year tax values, which is \$0.00 as the property is currently tax exempt. Tax increment revenue capture will begin in 2021 when the tax status of the property is no longer exempt, and a tax increment is generated by redevelopment of the Property. For the year 2021, the redevelopment of the property is expected to be partially complete, therefore the estimated taxable value is estimated to be \$1,629,420. In 2022, the estimated taxable value of the completed development is \$2,377,830. An annual increase in taxable value of 1% has been used for calculation of future tax increments in this Plan. Tables 2 details the estimate of captured tax increment revenues for each year of the Plan from the eligible property.

Prior to reimbursement of tax increment revenue to the Developer, payment of Brownfield Redevelopment Authority Administrative fees will occur first as shown in Table 3.

E. Method of Brownfield Plan Financing and Description of Advances by the Municipality (Sec. 13 (2)(d))

Eligible activities will be financed by 2219 Coolidge LLC. The Developer will be reimbursed for eligible costs as described in Section C and outlined in Table 1. Costs for Eligible Activities funded by 2219 Coolidge LLC will be repaid under the Michigan Brownfield Redevelopment Financing Program (Michigan Public Act 381, as amended) with incremental taxes generated by future development of the property. The estimated amount of tax increment revenue capture that will be used to reimburse the Developer, Brownfield Redevelopment Authority, and State

Brownfield Fund is \$934,524. This includes Brownfield Plan preparation and Brownfield Redevelopment Authority Administrative fees.

No advances will be made by the OCBRA for this project. All reimbursements authorized under this Plan shall be governed by the Reimbursement Agreement.

F. Maximum Amount of Note or Bonded Indebtedness (Sec. 13 (2)(e))

No note or bonded indebtedness will be incurred by any local unit of government for this project.

G. Duration of Brownfield Plan (Sec. 13 (2)(f))

In no event shall the duration of the Plan, exceed 35 years following the date of the resolution approving the Plan, nor shall the duration of the tax capture exceed the lesser of the period authorized under subsection (4) and (5) of Section 13 of Act 381 or 30 years. Further, in no event shall the beginning date of the capture of tax increment revenues be later than five years after the date of the resolution approving the Plan. The Property will become part of this Plan on the date this Plan is approved by the Oakland County Brownfield Redevelopment Authority.

H. Estimated Impact of Tax Increment Financing on Revenues of Taxing Jurisdictions (Sec. 13 (2)(g))

Non-capturable millages; including debt millages, the zoo authority and art institute, will have an immediate increase in tax revenue following redevelopment of approximately \$96,340 throughout the duration of this Plan.

A summary of the impact to taxing jurisdictions for the life of the Plan is summarized below, the amount captured is the sum of developer eligible activity and interest reimbursement, administrative fees and the state brownfield revolving fund.

Millage	Reimbursement Costs	Admin. Costs	State Brownfield Fund	Local Revolving Fund
General Operation	\$43,798	\$11,802	\$0	\$13,770
General Operation (voted)	\$20,822	\$5,611	\$0	\$6,546
Public Safety Operation	\$13,137	\$3,540	\$0	\$4,130
Sanitation Operation	\$13,137	\$3,540	\$0	\$4,130
Community Promotion	\$635	\$171	\$0	\$200
2019 Capital Improvement	\$15,081	\$4,064	\$0	\$4,741
BPS Sinking Fund	\$22,698	\$6,117	\$0	\$7,136
Oakland County Operating	\$31,067	\$8,472	\$0	\$9,767
OC Parks and Rec	\$1,791	\$483	\$0	\$563
Oakland ISD	\$25,022	\$6,743	\$0	\$7,867
OCC	\$11,768	\$3,171	\$0	\$3,700
HCMA	\$1,628	\$439	\$0	\$512
OCPTA	\$7,634	\$2,057	\$0	\$2,400
DDA*	\$14,439	\$3,891	\$0	\$4,539
Subtotal	\$222,656	\$60,000	\$0	\$70,000

SET	\$127,253	\$0	\$85,902	\$0
School Operating Tax	\$368,714	\$0	\$0	\$0
Subtotal	\$495,967	\$0	\$85,902	\$0
Total	\$718,623	\$60,000	\$85,902	\$70,000

*Applies only to Parcel 04-25-18-431-022 which is located in the DDA.

In addition, the following taxes are project to be generated but shall not be captured during the life of this Plan:

Public Safety Pension	\$ 34,622
School Debt	\$ 51,292
2006 GO 11 Mile Repair	\$ 6,411
Art Institute	\$ 2,674
Zoo Authority	\$ 1,341
TOTAL	\$ 96,340

See Table 2 for a complete breakdown of available tax increment revenue and Table 3 for the estimated annual reimbursement.

For a complete breakdown of the captured millages and developer reimbursement please see Tables 2 and 3.

I. Legal Description, Property Map, Statement of Qualifying Characteristics and Personal Property (Sec. 13 (2)(h))

The legal description of the Property included in this Plan is attached in Appendix A.

Property location maps are included in Appendix B.

Documentation of characteristics that qualify the property as eligible property is provided in Appendix D.

Personal property may be included as part of the eligible property to the extent that it is taxable personal property.

J. Displacement/Relocation of Individuals on Eligible Property (Sec. 13 (2)(i-l))

No displacement of residents or families is expected as part of this project.

K. Other Material that the Authority or Governing Body Considers Pertinent (Sec. 13 (2)(m))

The Brownfield Redevelopment Authority and the City Council as the Governing Body, in accordance with the Act, may amend this Plan in order to fund additional eligible activities associated with the Project described herein.

Attachment A



ATTACHMENT A
LEGAL DESCRIPTIONS

Parent Parcels (2020)

Parcel ID: 25-18-431-015
T1N, R11E, SEC 18 DENLER ACRES W 84 FT OF LOT 53

Parcel ID: 25-18-431-016
T1N, R11E, SEC 18 DENLER ACRES E 84 FT OF LOT 53

Parcel ID: 25-18-431-017
T1N, R11E, SEC 18 DENLER ACRES LOT 52

Parcel ID: 25-18-431-018
T1N, R11E, SEC 18 DENLER ACRES E 42 FT OF LOT 62 EXC N 93 FT

Parcel ID: 25-18-431-019
T1N, R11E, SEC 18 DENLER ACRES W 84 FT OF LOT 63

Parcel ID: 25-18-431-020
T1N, R11E, SEC 18 DENLER ACRES E 84 FT OF LOT 63

Parcel ID: 25-18-431-021
T1N, R11E, SEC 18 DENLER ACRES LOTS 64 & 65

Parcel ID: 25-18-431-022
T1N, R11E, SEC 18 DENLER ACRES LOTS 11 TO 15 INCL

Child Parcels (2021)

Parcel ID: 25-18-431-030
T1N, R11E, SEC 18 DENLER ACRES PART OF LOTS 53 & 54 DESC AS BEG AT PT DIST S 89-43-00 W 311.79 FT FROM PT OF INTERSECTION OF N LINE OF SD LOT 15 & W ROW LINE OF COOLIDGE HWY, TH S 01-29-20 E 265.71 FT, TH S 88-36-50 W 147.10 FT, TH N 01-25-00 W 268.53 FT, TH N 89-43-00 E 146. FT TO BEG 5-13-20-FR 015, 016 & 021

Parcel ID: 25-18-431-031
T1N, R11E, SEC 18 DENLER ACRES LOT 52 ALSO PART OF LOTS 53, 64 & 65 ALL SEC AS BEG AT PT DIST S 89-43-00 W 190.96 FT FROM PT OF INTERSECTION OF N LINE OF SD LOT 15 & W ROW LINE OF COOLIDGE HWY, THE S 01-25-00 E 276.62 FT, TH S 89-49-43 W 83.52 FT, TH N 01-28-06 W 11.47 FT, TH S 88-36-50 W 36.96 FT, TH N 01-29-20 W 265.71 FT, TH N 89-43-00 E 120.83 FT TO BEG 5-13-20 FR 016, 017 & 021

Parcel ID: 25-18-431-032
T5N, R11E, SEC 18 DENLER ACRES PART OF LOTS 12 & 13, ALSO ALL OF LOTS 14 & 15 ALL DESC AS BEG AT PT OF INTERSECTION OF N LINE OF SD LOT 15 & N ROW LINE OF COOLIDGE HWY, TH S 01-21-56 E 206.32 FT, TH N 89-43-00 E 0.01 FT, TH S 01-21-56 E 106.16 FT, TH N 89-43-00 E 0.01 FT, TH S 01-21-56-E 75.06 FT, TH N 87-07-01 W 21.13 FT, TH ALG CURVE

TO RIGHT, RAD 133.07 FT, CHORD BEARS N 57-33-02 W 127.06 FT, DIST OF 132.46 FT, TH N 31-30-35 W 25.22 FT, TH ALG CURVE TO LEFT, RAD 37 FT, CHORD BEARS N 62-02-16 W 34.70 FT, DIST OF 36.11 FT, TH S 89-49-43 W 21.15 FT, TH N 01-25-00 W 276.62 FT, TH N 89-43-00 E 190.96 FT TO BEG 5-13-20 FR 022

Attachment B



Assessors Map (2020)



- 2 Foot Contours
- 5 Foot Contours
- FEMA Base Flood Elevations
- FEMA Cross Sections
- 100 yr - FEMA Floodplain
- 100 yr (detailed) - FEMA Floodplain
- 500 yr - FEMA Floodplain
- FLOODWAY - FEMA Floodplain

Disclaimer: The information provided herewith has been compiled from recorded deeds, plats, tax maps, surveys and other public records. It is not a legally recorded map or survey and is not intended to be used as one. Users should consult the information sources mentioned above when questions arise. FEMA Floodplain data may not always be present on the map.

OAKLAND COUNTY MICHIGAN
Economic Development & Community Affairs
L. Brooks Patterson
Oakland County Executive

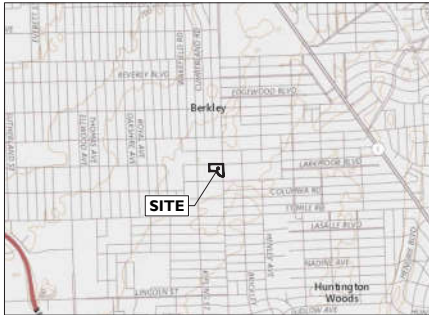
Date Created: 11/4/2016
NORTH
1 inch = 200 feet

Assessors Map (2021)



Attachment C





SOURCE: USGS MAPS

LOCATION MAP

SCALE: 1" = 2000'±



SOURCE: GOOGLE EARTH PRO

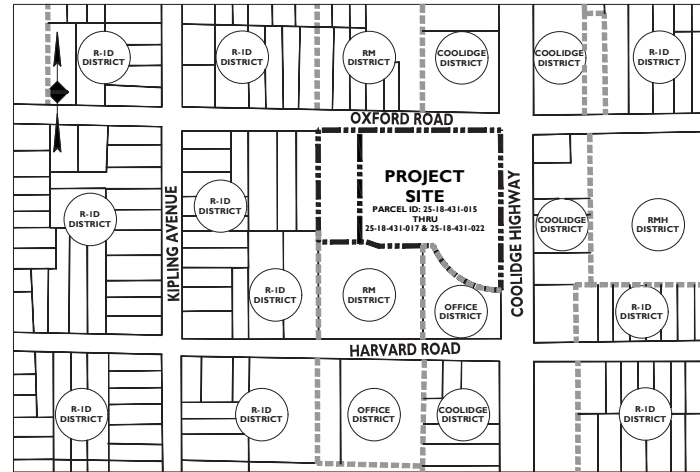
AERIAL MAP

SCALE: 1" = 150'±

SITE DEVELOPMENT PLANS FOR THE BERKLEY PROPOSED RESIDENTIAL COMMUNITY

PARCEL ID: 25-18-431-015 THRU 25-18-431-017 & 25-18-431-022
2219 COOLIDGE HIGHWAY
CITY OF BERKLEY, OAKLAND COUNTY, MICHIGAN

APPLICANT
2219 COOLIDGE, LLC
6400 TELEGRAPH ROAD, SUITE 2500
BLOOMFIELD HILLS, MICHIGAN, 48301



SOURCE: OAKLAND COUNTY PROPERTY VIEWER & CITY OF BERKLEY ZONING MAP

ZONING MAP

SCALE: 1" = 150'±

PLANS PREPARED BY:



STONEFIELD
engineering & design

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Princeton, NJ • Tampa, FL • Rutherford, NJ
www.stonefieldeng.com

607 Shelby Suite 200, Detroit, MI 48226
Phone 248.247.1115



Know what's below
Call before you dig.

PLAN REFERENCE MATERIALS:

- THIS PLAN SET REFERENCES THE FOLLOWING DOCUMENTS INCLUDING, BUT NOT LIMITED TO:
 - ALTAINERS LAND TITLE & TOPOGRAPHIC SURVEY PREPARED BY ATWELL GROUP DATED: 10/31/2019
 - ARCHITECTURAL PLANS PREPARED BY FIVE / EIGHTHS DATED: 10/31/2019
 - GEOTECHNICAL REPORT PREPARED BY PEA, INC. DATED: 09/12/2019
 - LANDSCAPING PLAN PREPARED BY FIVE / EIGHTHS DATED: 10/31/2019
 - ZONING MAP OBTAINED FROM OAKLAND COUNTY PROPERTY VIEWER AND CITY OF BERKLEY ZONING MAP
 - AERIAL MAP OBTAINED FROM GOOGLE EARTH PRO
 - LOCATION MAP OBTAINED FROM USGS ONLINE
- ALL REFERENCE MATERIAL LISTED ABOVE SHALL BE CONSIDERED A PART OF THIS PLAN SET AND ALL INFORMATION CONTAINED WITHIN THESE MATERIALS SHALL BE UTILIZED IN CONJUNCTION WITH THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE TO OBTAIN A COPY OF EACH REFERENCE AND REVIEW IT THOROUGHLY PRIOR TO THE START OF CONSTRUCTION.

SHEET INDEX

DRAWING TITLE	SHEET #
COVER SHEET	C-1
DEMOLITION PLAN	C-2
SITE PLAN	C-3
GRADING PLAN	C-4
STORMWATER DRAINAGE PLAN	C-5
STORMWATER MANAGEMENT PLAN	C-6
STORMWATER PROFILES	C-7
UTILITY PLAN	C-8
LIGHTING PLAN	C-9
SOIL EROSION & SEDIMENT CONTROL PLAN	C-10
CONSTRUCTION DETAILS	C-11 THRU C-13

ADDITIONAL SHEET INDEX

TITLE	SHEET #
ALTA / NSPS LAND TITLE SURVEY	1 OF 1
DCWRC WATER MAIN DETAILS	1 THRU 3
DCWRC SOIL EROSION DETAILS	1 OF 1

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607 Shelby Suite 200, Detroit, MI 48226
Phone 248.247.1115

SITE DEVELOPMENT PLANS

THE BERKLEY

PROPOSED RESIDENTIAL COMMUNITY

PARCEL ID: 25-18-431-015 THRU 25-18-431-017 &
2219 COOLIDGE HIGHWAY
CITY OF BERKLEY
OAKLAND COUNTY, MI



STONEFIELD
engineering & design

SCALE: AS SHOWN PROJECT ID: 17111-11

TITLE:

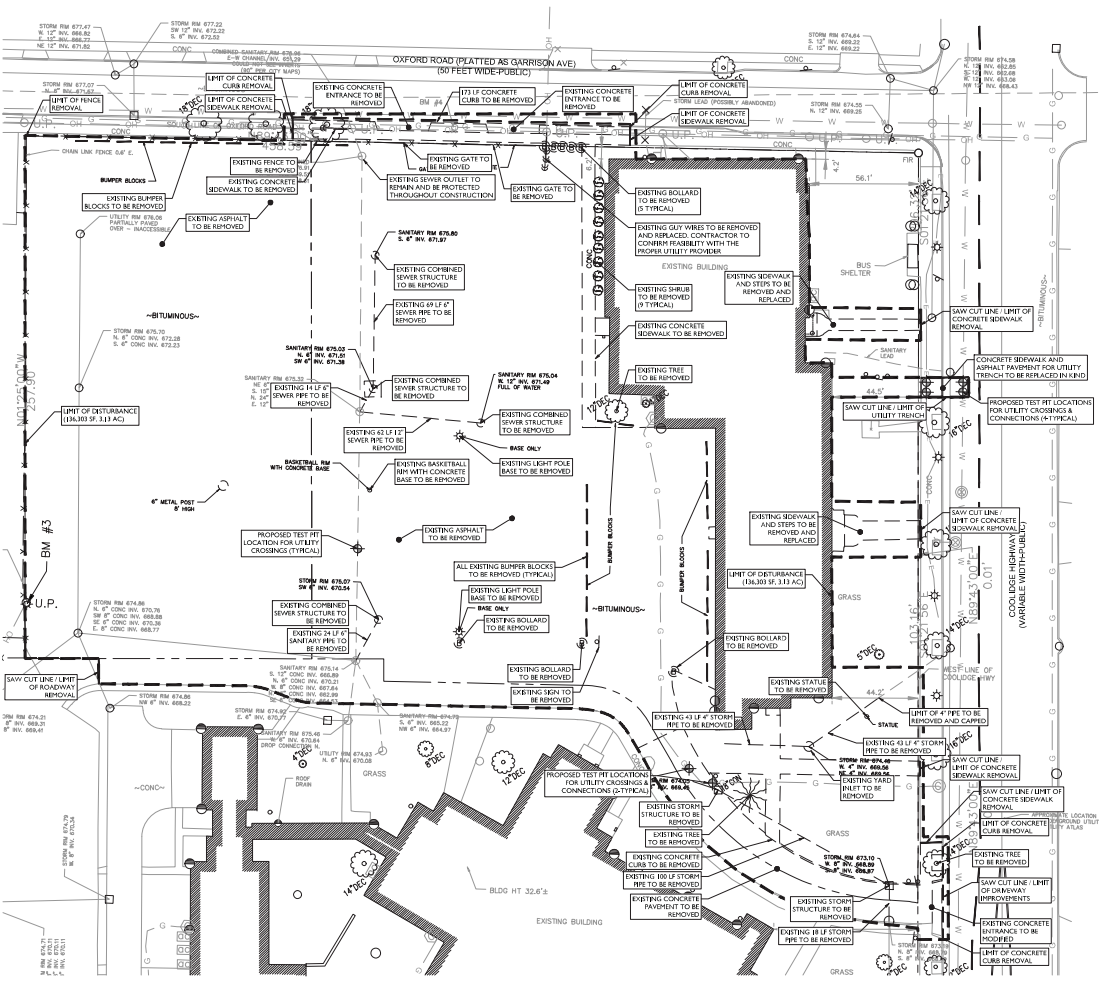
COVER SHEET

DRAWING:

C-1

SITE DEMOLITION QUANTITIES	
ASPHALT REMOVAL	9,144 SF
CONCRETE SIDEWALK REMOVAL	9,495 SF
CONCRETE CURB REMOVAL	1,330 LF
LIGHT POLE REMOVAL	2 EA
6" SEWER PIPE REMOVAL	86 LF
6" SEWER PIPE REMOVAL	146 LF
18" SEWER PIPE REMOVAL	73 LF
FENCE & GATE REMOVAL	261 LF
SEWER STRUCTURE REMOVAL	7 EA
TREE REMOVAL	3 EA
SHRUB REMOVAL	9 EA

SYMBOL	DESCRIPTION
---	FEATURE TO BE REMOVED / DEMOLISHED
---	LIMIT OF DISTURBANCE
+	PROPOSED TEST PIT LOCATIONS



ALL SITE FEATURES ON THIS PLAN ARE TO REMAIN AND BE PROTECTED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL NOTIFY STONEFIELD ENGINEERING & DESIGN, LLC, IF SIGNIFICANT DISCREPANCIES ARE DISCERNED BETWEEN THIS PLAN AND FIELD CONDITIONS



Know what's below
Call before you dig.

- DEMOLITION NOTES**
- THE WORK SHOWN ON THE DEMOLITION PLAN IS TO PROVIDE GENERAL INFORMATION TOWARDS THE EXISTING ITEMS TO BE DEMOLISHED AND/OR REMOVED. THE CONTRACTOR IS RESPONSIBLE TO REVIEW THE ENTIRE PLAN, SET, AND ASSOCIATED APPROPRIATE DOCUMENTS, INCLUDING ALL EXISTING ACTIVITIES AND INCIDENTAL TASKS NECESSARY TO COMPLETE THE SITE IMPROVEMENTS.
 - THE CONTRACTOR IS RESPONSIBLE TO DETERMINE THE MEANS AND METHOD OF DEMOLITION ACTIVITIES.
 - EXPLOSIVES SHALL NOT BE USED UNLESS WRITTEN CONSENT FROM BOTH THE OWNER AND ANY APPLICABLE GOVERNING AGENCY IS OBTAINED. BEFORE THE START OF ANY EXPLOSIVE PROGRAM, THE CONTRACTOR IS RESPONSIBLE TO OBTAIN ALL LOCAL, STATE AND FEDERAL PERMITS. ADDITIONALLY, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ISOPIC TESTING AS REQUIRED AND ANY DAMAGES AS THE RESULT OF SAID DEMOLITION PRACTICES.
 - ALL DEMOLITION ACTIVITIES SHALL BE PERFORMED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL CODES. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING ALL UTILITIES ARE DISCONNECTED IN ACCORDANCE WITH THE UTILITY AUTHORITY'S REQUIREMENTS PRIOR TO STARTING THE DEMOLITION OF ANY STRUCTURE. ALL EXCAVATIONS ASSOCIATED WITH DEMOLISHED STRUCTURES OR REMOVED ITEMS SHALL BE BACKFILLED WITH SUITABLE MATERIAL AND COMPACTED TO SUPPORT SITE AND BUILDING IMPROVEMENTS. A GEOTECHNICAL ENGINEER SHOULD BE PRESENT DURING BACKFILLING ACTIVITIES TO OBSERVE AND CERTIFY THAT BACKFILL MATERIAL WAS COMPACTED TO A SUITABLE CONDITION.
 - DEMOLISHED DEBRIS SHALL NOT BE BURIED ON SITE. ALL WASTES/DEBRIS GENERATED FROM DEMOLITION ACTIVITIES SHALL BE DISPOSED OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE TO MAINTAIN ALL RECORDS OF THE DISPOSAL TO DEMONSTRATE COMPLIANCE WITH THE ABOVE REGULATIONS.

NO.	DATE	BY	DESCRIPTION
1	10/1/2019	ING	SUBMITTAL FOR SITE PLAN APPROVAL
2	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
3	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
4	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
5	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
6	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
7	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
8	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
9	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL
10	10/2/2019	ING	SUBMITTAL FOR VARIANCE APPROVAL

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THE BERKLEY
PROPOSED RESIDENTIAL COMMUNITY

PARCEL ID: 25-18-01-015 THRU 25-18-01-017 &
3211 COOLIDGE HIGHWAY
CITY OF BERKLEY
CLINTON COUNTY, MI

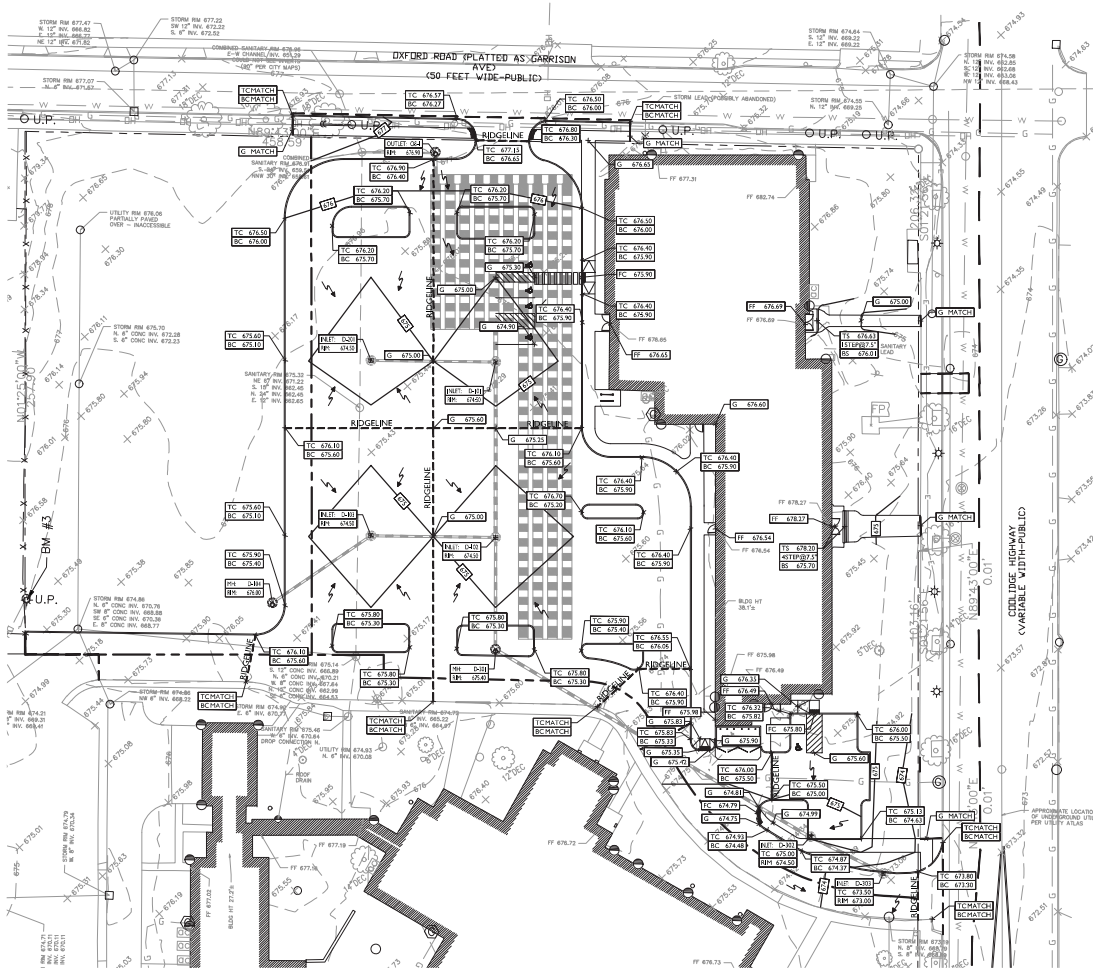
STONEFIELD
engineering & design

SCALE: 1" = 30' PROJECT ID: 1718-18

TITLE: DEMOLITION PLAN

DRAWING: C-2

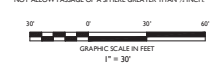
DATE: 07/11/2019 11:11 AM DRAWN BY: J. BERKLEY CHECKED BY: J. BERKLEY PROJECT: 18-031-015



SYMBOL	DESCRIPTION
---	PROPERTY LINE
---	PROPOSED GRADING CONTOUR
---	PROPOSED GRADING RIDGELINE
---	PROPOSED DIRECTION OF DRAINAGE FLOW
---	PROPOSED GRADE SPOT SHOT
---	PROPOSED TOP OF CURB / BOTTOM OF CURB SPOT SHOT
---	PROPOSED FLUSH CURB SPOT SHOT
---	PROPOSED TOP OF STEP / BOTTOM OF STEP SPOT SHOT

- GRADING NOTES**
1. ALL SOIL AND MATERIAL REMOVED FROM THE SITE SHALL BE DEPOSITED IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REQUIREMENTS. ANY GROUNDWATER DE-WATERING PRACTICES SHALL BE PERFORMED UNDER THE SUPERVISION OF A QUALIFIED PROFESSIONAL. THE CONTRACTOR IS REQUIRED TO OBTAIN ALL NECESSARY PERMITS FOR THE STORAGE OF DE-WATERED GROUNDWATER. ALL SOIL IMPORTED TO THE SITE SHALL BE CERTIFIED CLEAN REL CONFORMANCE WITH ALL MAINTAIN RECORDS OF ALL FILL MATERIALS BROUGHT TO THE SITE.
 2. THE CONTRACTOR IS REQUIRED TO PROVIDE TEMPORARY AND/OR PERMANENT SHORING WHERE REQUIRED DURING EXCAVATION ACTIVITIES INCLUDING BUT NOT LIMITED TO UTILITY TRENCHES TO ENSURE THE STRUCTURAL INTEGRITY OF NEARBY STRUCTURES AND STABILITY OF THE SURROUNDING SOILS.
 3. PROPOSED TOP OF CURB ELEVATIONS ARE GENERALLY 4 INCHES TO 7 INCHES ABOVE EXISTING GRADES UNLESS OTHERWISE NOTED. THE CONTRACTOR WILL SUPPLY ALL STAKEOUT CURB GRADE SHEETS TO STONER, ENGINEERING & DESIGN, LLC FOR REVIEW AND APPROVAL PRIOR TO CURB CURING.
 4. THE CONTRACTOR IS RESPONSIBLE TO SET ALL PROPOSED UTILITY COVERS AND RESET ALL EXISTING UTILITY COVERS WITHIN THE PROJECT LIMITS TO PROPOSED GRADE IN ACCORDANCE WITH ANY APPLICABLE MUNICIPAL, COUNTY, STATE AND/OR UTILITY AUTHORITY REGULATIONS.
 5. MINIMUM SLOPE REQUIREMENTS TO PREVENT PONDING SHALL BE AS FOLLOWS:
 - CURB GUTTER: 0.00%
 - CONCRETE SURFACES: 1.00%
 - ASPHALT SURFACES: 1.00%
 6. A MINIMUM SLOPE OF 1.00% SHALL BE PROVIDED AWAY FROM ALL BUILDINGS. THE CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE FROM THE BUILDING IS ACHIEVED AND SHALL NOTIFY STONER/ENGINEERING & DESIGN, LLC IF THIS CONDITION CANNOT BE MET FOR PROJECTS WHERE BASEMENTS ARE PROPOSED. THE DEVELOPER IS RESPONSIBLE TO DETERMINE THE DEPTH TO GROUNDWATER AT THE LOCATION OF THE PROPOSED STRUCTURE. IF GROUNDWATER IS ENCOUNTERED WITHIN THE BASEMENT AREA, SPECIAL CONSTRUCTION METHODS SHALL BE UTILIZED AND RECOMMENDED BY THE CONSTRUCTION CODE OFFICIAL. IF PUMP PUMPS ARE UTILIZED, ALL DISCHARGE SHALL BE CONNECTED DIRECTLY TO THE PUBLIC STORM SEWER SYSTEM WITH APPROVAL FROM THE GOVERNING STORM SEWER SYSTEM AUTHORITY.

- ADA NOTES**
1. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 2.00% SLOPE IN ANY DIRECTION WITHIN THE ADA PARKING SPACE AND ACCESS AISLES.
 2. THE CONTRACTOR SHALL PROVIDE COMPLIANT SIGNAGE AT ALL ADA PARKING AREAS IN ACCORDANCE WITH STATE GUIDELINES.
 3. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 5.00% RUNNING SLOPE AND A MAXIMUM OF 1.00% CROSS SLOPE ALONG WALKWAYS WITHIN THE ACCESSIBLE PATH OF TRAVEL. THE CONTRACTOR IS RESPONSIBLE TO INSURE THE ACCESSIBLE PATH OF TRAVEL IS 36 INCHES WIDE OR GREATER UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
 4. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 2.00% SLOPE IN ANY DIRECTION AT ALL LANDINGS. LANDINGS INCLUDE, BUT ARE NOT LIMITED TO, THE TOP AND BOTTOM OF AN ACCESSIBLE RAMP. AT ACCESSIBLE BUILDING ENTRANCES, THE CONTRACTOR SHALL PROVIDE A WALK-UP PATH AND AT TURNING SPACES ALONG THE ACCESSIBLE PATH OF TRAVEL, THE LANDING AREA SHALL HAVE A MINIMUM CLEAR AREA OF 60 INCHES BY 60 INCHES UNLESS INDICATED OTHERWISE WITHIN THE PLAN SET.
 5. THE CONTRACTOR SHALL MAINTAIN A MAXIMUM 8.33% RUNNING SLOPE AND A MAXIMUM 2.00% CROSS SLOPE ON ANY CURB RAMP ALONG THE ACCESSIBLE PATH OF TRAVEL. WHERE PROVIDED, CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 1.00% IF A LANDING AREA IS PROVIDED AT THE TOP OF THE RAMP. FOR ALTERNATES, A CURB RAMP FLARE SHALL NOT HAVE A SLOPE GREATER THAN 8.33% IF A LANDING AREA IS NOT PROVIDED AT THE TOP OF THE RAMP. CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 8.33% IF A LANDING AREA IS NOT PROVIDED AT THE TOP OF THE RAMP. CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 8.33% IF A LANDING AREA IS NOT PROVIDED AT THE TOP OF THE RAMP. CURB RAMP FLARES SHALL NOT HAVE A SLOPE GREATER THAN 8.33% IF A LANDING AREA IS NOT PROVIDED AT THE TOP OF THE RAMP.
 6. ACCESSIBLE RAMP WITH A RISE GREATER THAN 6 INCHES SHALL CONTAIN COMPLIANT HANDRAILS ON BOTH SIDES OF THE RAMP AND SHALL NOT BE MORE THAN 30" IN ELEVATION WITHOUT A LANDING AREA IN BETWEEN RAMP RUNS. LANDING AREAS SHALL ALSO BE PROVIDED AT THE TOP AND BOTTOM OF THE RAMP.
 7. A SLOPE RESISTANT SURFACE SHALL BE CONSTRUCTED ALONG THE ACCESSIBLE PATH AND WITHIN ADA PARKING AREAS.
 8. THE CONTRACTOR SHALL ENSURE A MAXIMUM OF 1/8 INCHES VERTICAL CHANGE IN LEVEL ALONG THE ACCESSIBLE PATH. WHERE A CHANGE IN LEVEL BETWEEN 1/8 INCHES AND 1/4 INCHES EXISTS, THE CONTRACTOR SHALL ENSURE THAT THE TOP 1/4 INCH CHANGE IN LEVEL IS PROVIDED WITH A SLOPE NOT GREATER THAN 1:1 VERTICAL AND 1:1 HORIZONTAL.
 9. THE CONTRACTOR SHALL ENSURE THAT ANY OPENINGS (GAPS OR HORIZONTAL SPACING) ALONG THE ACCESSIBLE PATH SHALL NOT ALLOW PASSAGE OF A SPHERE GREATER THAN 1/4 INCH.



DATE	BY	DESCRIPTION
10/1/2019	J. BERKLEY	SUBMITTER FOR SITE PLAN APPROVAL
10/1/2019	J. BERKLEY	SUBMITTER FOR VARIANCE APPROVAL

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SITE DEVELOPMENT PLANS

THE BERKLEY

PROPOSED RESIDENTIAL COMMUNITY

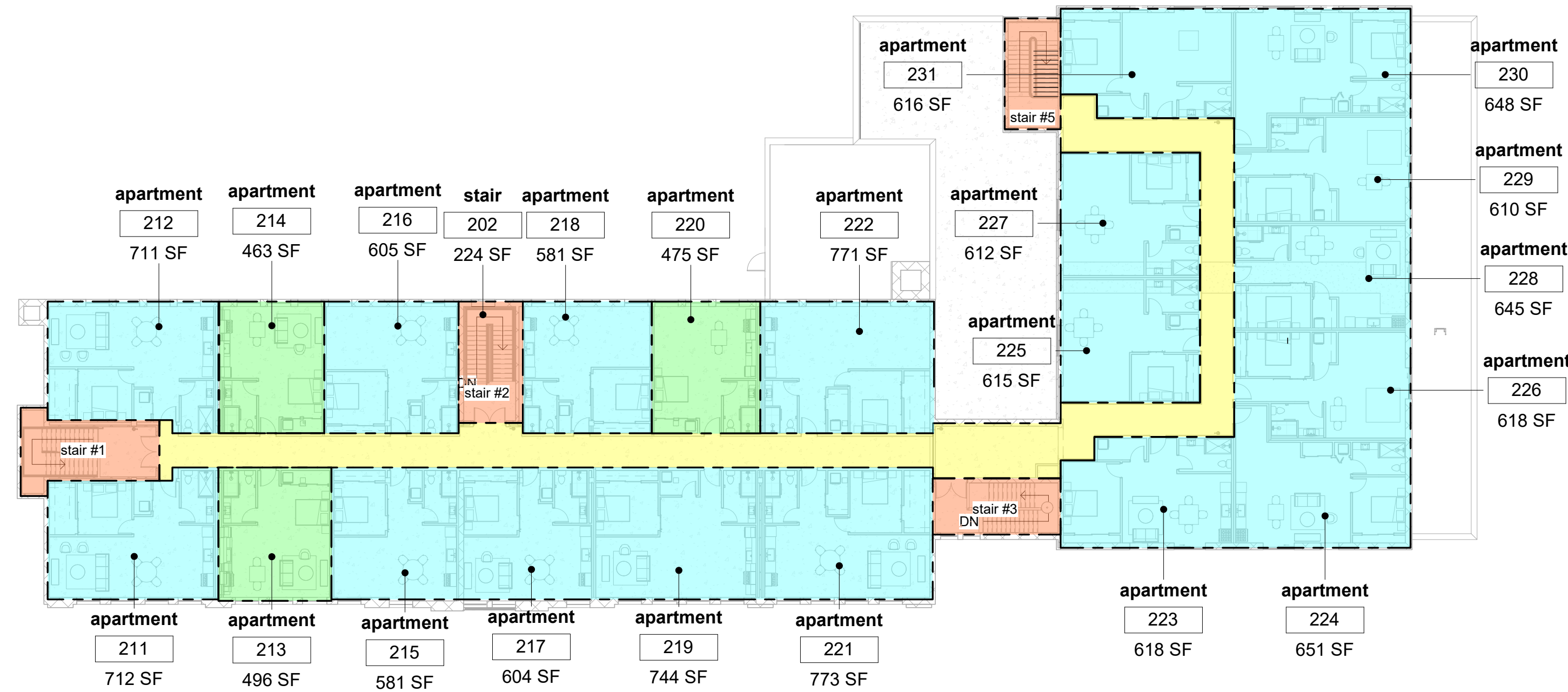
PARCEL ID: 18-031-015 THRU 18-031-017 &
3217 COOLIDGE HIGHWAY
CITY OF BERKLEY
CLATSOP COUNTY, OR

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SCALE: 1" = 30' PROJECT BY: JTBH-H

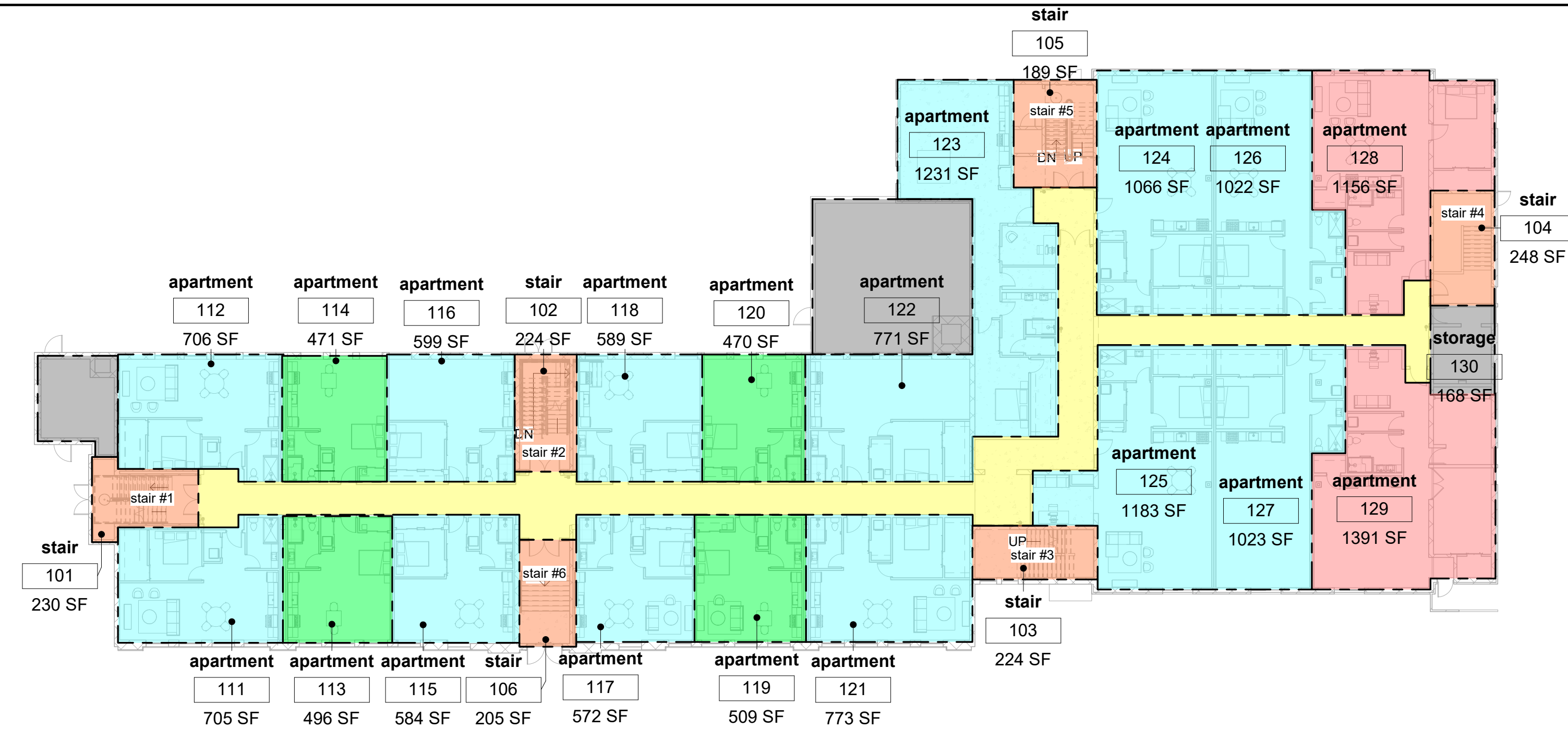
TITLE: GRADING PLAN

DRAWING: C-4



unit diagram / second floor
1" = 20'-0"

6



unit diagram / first floor
1" = 20'-0"

5



unit diagram / lower level
1" = 20'-0"

4

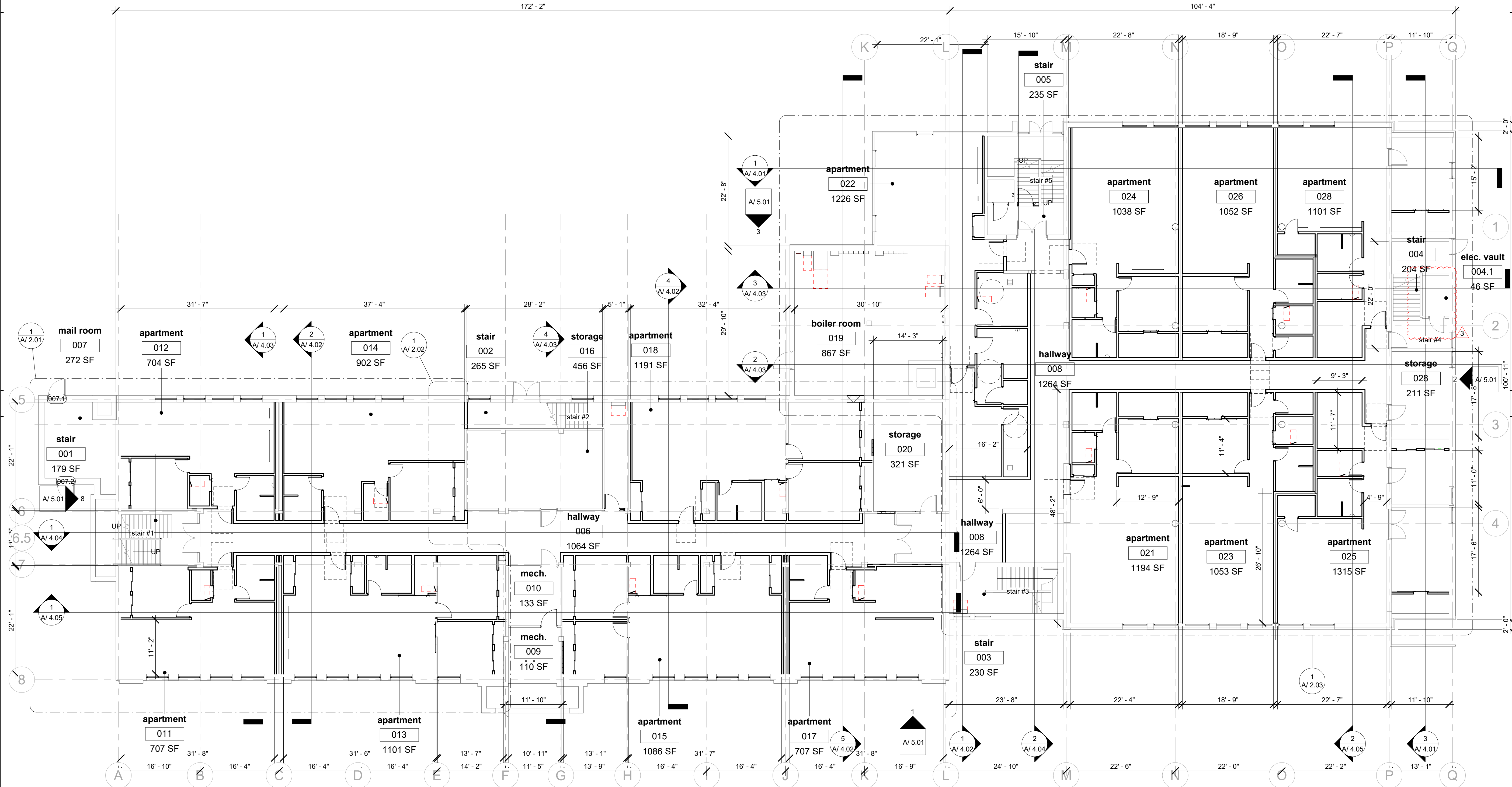
- studio apartment
- 1-bedroom apartment
- 2-bedroom apartment
- corridor
- stair
- utility space

legend / unit plans

1

- 1. all dimensions to be verified in field. built conditions to be compared to drawn conditions. if discrepancies exist, consult architect.
- 2. do not scale from drawings. architect to provide dimensions as requested.
- 3. provide firestopping assemblies at all penetrations and interruptions to fire rated assemblies which provide the specified partion, floor, ceiling, or fire rating.
- 4. fire rated partitions shall be continuous from floor to structure above and shall be fire stopped tightly to structure per code
- 5. paint new gypsum walls and ceilings PT-1 unless otherwise noted
- 6. where gypsum board partitions are a continuation of a column encasement, the face of the gypsum board shall be aligned with the face of the surface. Where a new gypsum board partition is shown intersecting a column encasement, the centerline of the wall should be centered on the column encasement.
- 7. locate door frames 6" from inside corner to door opening, unless otherwise noted.
- 8. all interior glazing (including doors, sidelites, etc) shall be clear laminated safety glass or clear tempered safety glass, unless otherwise noted
- 9. recessed items greater than 16 sq inches in rated and/or smoke walls, including electrical panels, electrical ducts, gas valve boxes, fire extinguisher cabinets, etc. shall be backed with 5/8" gypsum Type 'X' board to maintain fire wall rating
- 10. reuse existing fire extinguisher cabinets when possible. Provide recessed fire extinguisher cabinets in new walls where required.

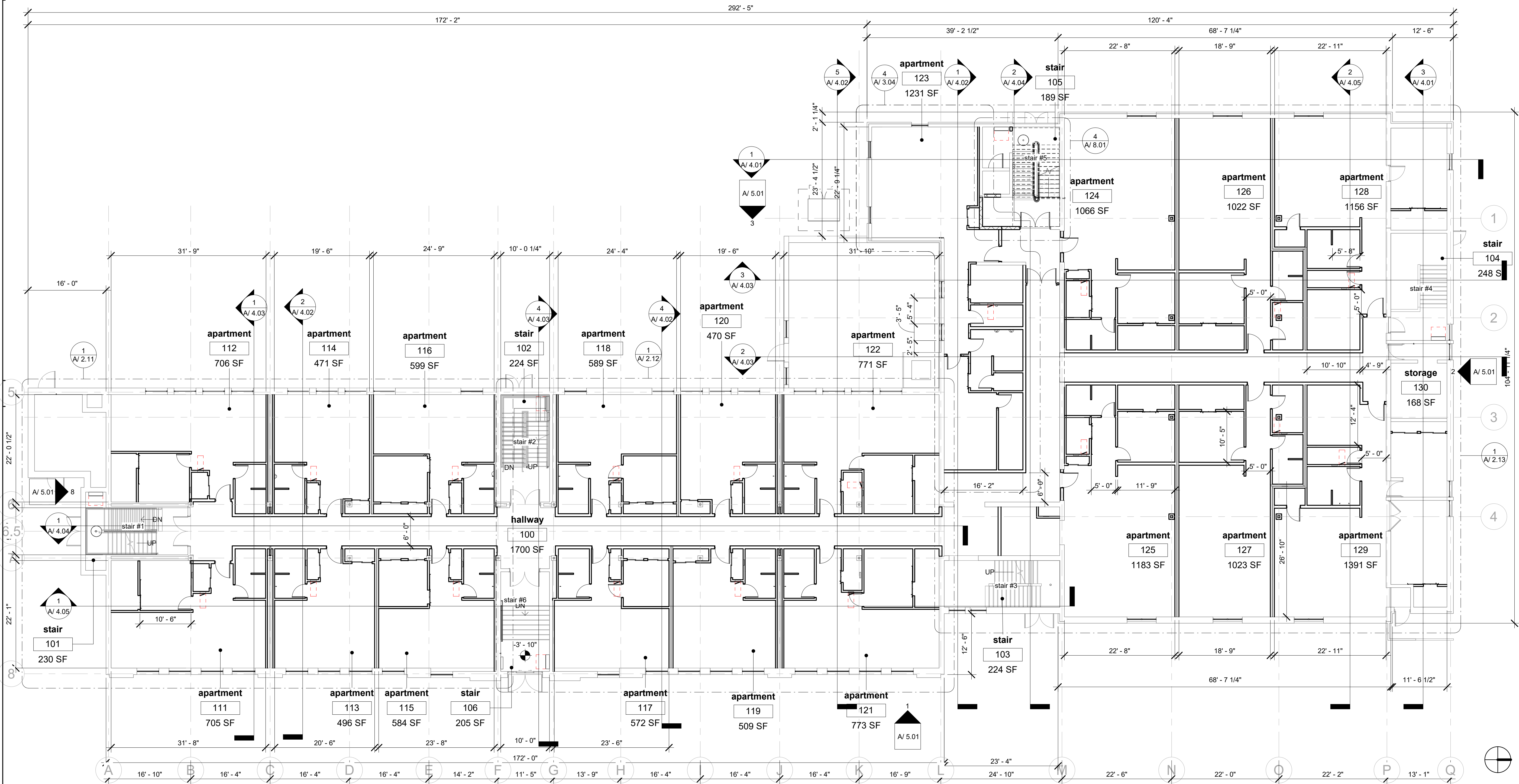
general notes / floor plan 3



lower level plan / overall 1

- 1. all dimensions to be verified in field, built conditions to be compared to drawn conditions, if discrepancies exist, consult architect.
- 2. do not scale from drawings, architect to provide dimenions as requested.
- 3. provide firestopping assemblies at all penetrations and interruptions to fire rated assemblies which provide the specified partion, floor, ceiling, or fire rating.
- 4. fire rated partitions shall be continuous from floor to structure above and shall be fire stopped tightly to structure per code
- 5. paint new gypsum walls and ceilings PT-1 unless otherwise noted
- 6. where gypsum board partitions are a continuation of a column encasement, the face of the gypsum board shall be aligned witht the face of the surface. Where a new gypsum board partition is shown intersecting a column encasement, the centerline of the wall should be centered on the column encasement.
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- 9. recessed items greater than 16 sq inches in rated and/or smoke walls, including electrical panels, electrical ducts, gas valve boxes, fire extinguisher cabinets, etc. shall be backed with 5/8" gypsum Type 'X' board to maintain fire wall rating
- 10. reuse existing fire extinguisher cabinets when possible. Provide recessed fire extinguisher cabinets in new walls where required.

general notes / floor plan 3



first floor plan / overall 1
3/32" = 1'-0"

- ~~50~~

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 ndale / michigan / 48220

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www.5-8ths.com

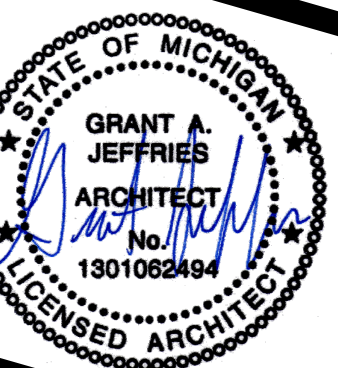
berkeley school apartments

2219 coolidge hwy / berkley / michigan / 48072
brad friedman

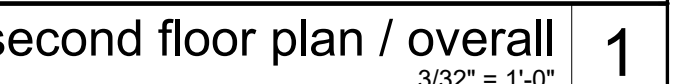
overall floor plan / second floor

permit set
sheet number 33 of

10 / 07 / 2020



A/
1.02



Tables

Table 1: Eligible Activities Cost Estimates			
Item/Activity	Total Request	MSF Act 381 Eligible Activities	EGLE Act 381 Eligible Activities
Demolition			
Building Demolition Activities	\$ 294,000	\$ 294,000	
Removal and Disposal of Parking Lots	\$ 82,750	\$ 82,750	
Removal and Disposal of Curbs and Gutters	\$ 14,050	\$ 14,050	
Removal and Disposal of Sidewalks	\$ 28,050	\$ 28,050	
Demolition Sub-Total	\$ 418,850	\$ 418,850	\$ -
Asbestos, and Lead Abatement			
Lead and Asbestos Abatement	\$ 154,300	\$ 154,300	
Related Professional Fees - Sampling, Air Monitoring, Reporting, Oversight	\$ 30,000	\$ 30,000	
Asbestos and Lead Activities Sub-Total	\$ 184,300	\$ 184,300	\$ -
Preparation of Brownfield Plan and Act 381 Workplan			
Brownfield Plan/381 Work Plan	\$ 20,000	\$ 20,000	
Brownfield Plan /381 Work Plan Implementation	\$ 5,000	\$ 5,000	
Brownfield Plan and Act 381 Workplan Sub-Total	\$ 25,000	\$ 25,000	\$ -
Eligible Activities Sub-Total	\$ 628,150	\$ 628,150	\$ -
15% Contingency*	\$ 90,473	\$ 90,473	
Developer Eligible Reimbursement Total	\$ 718,623	\$ 718,623	\$ -
TIF Capture for Local Brownfield Revolving Fund	\$ 70,000		
Administrative Fee	\$ 60,000		
State Brownfield Fund	\$ 85,902		
Total	\$ 934,524	\$ 718,623	\$ -

*15% Contingency excludes preparation of Brownfield Plan/381 Work Plan and Pre-Approved Activities

Table 2
Tax Increment Revenue Capture Estimates w/ PA 210
2219 Coolidge Road
Berkley, Oakland County, Michigan
September 2021

Estimated Taxable Value (TV) Increase Rate: 1% per year															
Calendar Year	Plan Year	0	1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	
Ad Valorem Parcel Base Value		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Ad Valorem (all millages)		\$ -	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 195,773	\$ 2,518,060	\$ 2,534,430	
PA 210 Frozen (all millages)			\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237	\$ 685,237			
PA 210 Rehab (school millages only)			\$ 748,410	\$ 1,496,820	\$ 1,511,788	\$ 1,526,906	\$ 1,542,175	\$ 1,557,597	\$ 1,573,173	\$ 1,588,905	\$ 1,604,794	\$ 1,620,842			
Brownfield															
Incremental Growth			\$ 1,629,420	\$ 2,377,830	\$ 2,392,798	\$ 2,407,916	\$ 2,423,185	\$ 2,438,607	\$ 2,454,183	\$ 2,469,915	\$ 2,485,804	\$ 2,501,852	\$ 2,518,060	\$ 2,534,430	
School Capture	Millage Rate														
State Education Tax (SET)	6.0000	\$	9,777	\$ 14,267	\$ 14,357	\$ 14,447	\$ 14,539	\$ 14,632	\$ 14,725	\$ 14,819	\$ 14,915	\$ 15,011	\$ 15,108	\$ 15,207	\$ 171,804
School Operating Tax	17.3849	\$	28,327	\$ 41,338	\$ 41,599	\$ 41,861	\$ 42,127	\$ 42,395	\$ 42,666	\$ 42,939	\$ 43,215	\$ 43,494	\$ 43,776	\$ 44,061	\$ 497,799
School Total	23.3849	\$	38,104	\$ 55,605	\$ 55,955	\$ 56,309	\$ 56,666	\$ 57,027	\$ 57,391	\$ 57,759	\$ 58,130	\$ 58,506	\$ 58,885	\$ 59,267	\$ 669,603
Local Capture	Millage Rate														
General Operation	5.6956	\$	5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 5,018	\$ 14,342	\$ 14,435	\$ 78,956
General Operation - Voted	2.7078	\$	2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 2,386	\$ 6,818	\$ 6,863	\$ 37,537
Public Safety Operation	1.7083	\$	1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 4,302	\$ 4,330	\$ 23,681
Sanitation Operation	1.7083	\$	1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 1,505	\$ 4,302	\$ 4,330	\$ 23,681
Community Promotion	0.0826	\$	73	\$ 73	\$ 73	\$ 73	\$ 73	\$ 73	\$ 73	\$ 73	\$ 73	\$ 73	\$ 208	\$ 209	\$ 1,145
2019 Capital Improvement	1.9612	\$	1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 1,728	\$ 4,938	\$ 4,971	\$ 27,187
BPS Sinking Fund	2.9517	\$	2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 2,600	\$ 7,433	\$ 7,481	\$ 40,918
Oakland County Operating	4.0400	\$	3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 3,559	\$ 10,173	\$ 10,239	\$ 56,005
OC Parks and Rec	0.2329	\$	205	\$ 205	\$ 205	\$ 205	\$ 205	\$ 205	\$ 205	\$ 205	\$ 205	\$ 205	\$ 586	\$ 590	\$ 3,229
Oakland ISD	3.2539	\$	2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 2,867	\$ 8,194	\$ 8,247	\$ 45,107
OCC	1.5303	\$	1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 1,348	\$ 3,853	\$ 3,878	\$ 21,214
HCMA	0.2117	\$	187	\$ 187	\$ 187	\$ 187	\$ 187	\$ 187	\$ 187	\$ 187	\$ 187	\$ 187	\$ 533	\$ 537	\$ 2,935
OCPTA	0.9927	\$	875	\$ 875	\$ 875	\$ 875	\$ 875	\$ 875	\$ 875	\$ 875	\$ 875	\$ 875	\$ 2,500	\$ 2,516	\$ 13,761
DDA (Parcel 04-25-18-431-022 Only)	1.8776	\$	1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 1,396	\$ 4,582	\$ 4,628	\$ 23,169
Local Total	28.9546	\$	25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 72,764	\$ 73,253	\$ 398,527
Non-Capturable Millages	Millage Rate														
Public Safety Pension	2.4975	\$	2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 2,200	\$ 6,289	\$ 6,330	\$ 34,622
School Debt	3.7000	\$	3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 3,260	\$ 9,317	\$ 9,377	\$ 51,292
2006 GO 11 Mile Repair	0.4625	\$	407	\$ 407	\$ 407	\$ 407	\$ 407	\$ 407	\$ 407	\$ 407	\$ 407	\$ 407	\$ 1,165	\$ 1,172	\$ 6,411
Art Institute	0.1929	\$	170	\$ 170	\$ 170	\$ 170	\$ 170	\$ 170	\$ 170	\$ 170	\$ 170	\$ 170	\$ 486	\$ 489	\$ 2,674
Zoo Authority	0.0973	\$	86	\$ 86	\$ 86	\$ 86	\$ 86	\$ 86	\$ 86	\$ 86	\$ 86	\$ 86	\$ 237	\$ 247	\$ 1,341
Total Non-Capturable Taxes	6.9502	\$	6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 6,123	\$ 17,493	\$ 17,615	\$ 96,340
Total Capturable Millages	52.3395														
Total Tax Increment Revenue (TIR) Available for Capture		\$	63,355	\$ 80,856	\$ 81,206	\$ 81,560	\$ 81,917	\$ 82,278	\$ 82,642	\$ 83,010	\$ 83,381	\$ 83,757	\$ 131,648	\$ 132,520	
															PA 210 Expiration

Table 3
Tax Increment Revenue Reimbursement Estimates w/ PA 210
2219 Coolidge Road
Berkley, Oakland County, Michigan
September 2020

Developer Maximum Reimbursement	Total Proportionality	School & Local Taxes	Local-Only Taxes	Total
State	44.68%	\$ 495,967	\$ -	\$ 495,967
Local	55.32%	\$ 222,656	\$ -	\$ 222,656
TOTAL				
EGLE	0.00%	\$ -	\$ -	\$ -
MSF	100.00%	\$ 718,623	\$ -	\$ 718,623

Estimated Years of Plan:	12
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Administrative Fees	\$ 60,000
State Revolving Fund	\$ 85,902
LBRF	\$ 70,000

		1	2	3	4	5	6	7	8	9	10	11	12	TOTAL
		2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	
Total State Incremental Revenue		\$ 38,104	\$ 55,605	\$ 55,955	\$ 56,309	\$ 56,666	\$ 57,027	\$ 57,391	\$ 57,759	\$ 58,130	\$ 58,506	\$ 58,885	\$ 59,267	\$ 669,603
State Brownfield Revolving Fund (50% of SET)		\$ 4,888	\$ 7,133	\$ 7,178	\$ 7,224	\$ 7,270	\$ 7,316	\$ 7,363	\$ 7,410	\$ 7,457	\$ 7,506	\$ 7,554	\$ 7,603	\$ 85,902
State TIR Available for Reimbursement		\$ 33,216	\$ 48,472	\$ 48,777	\$ 49,085	\$ 49,396	\$ 49,711	\$ 50,028	\$ 50,349	\$ 50,673	\$ 51,000	\$ 51,330	\$ 51,664	\$ 583,701
Total Local Incremental Revenue		\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 25,251	\$ 398,527
BRA Administrative Fee (\$5,000/year)		\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 60,000
Local TIR Available for Reimbursement		\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 338,527
Total State & Local TIR Available		\$ 53,467	\$ 68,723	\$ 69,028	\$ 69,336	\$ 69,647	\$ 69,962	\$ 70,279	\$ 70,600	\$ 70,924	\$ 71,251	\$ 71,577	\$ 71,904	\$ 922,228
DEVELOPER	Beginning Balance													
DEVELOPER Reimbursement Balance	\$ 718,623	\$ 665,156	\$ 596,433	\$ 527,405	\$ 458,069	\$ 388,422	\$ 318,460	\$ 248,181	\$ 177,581	\$ 106,657	\$ 35,406	\$ 0	\$ 0	
		PA 210 Abatement												
MSF Non-Environmental Costs	\$ 718,623													
State Tax Reimbursement		\$ 33,216	\$ 48,472	\$ 48,777	\$ 49,085	\$ 49,396	\$ 49,711	\$ 50,028	\$ 50,349	\$ 50,673	\$ 51,000	\$ 15,260	\$ -	\$ 495,967
Local Tax Reimbursement		\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,251	\$ 20,146	\$ -	\$ 222,656
Total MSF Reimbursement Balance		\$ 665,156	\$ 596,433	\$ 527,405	\$ 458,069	\$ 388,422	\$ 318,460	\$ 248,181	\$ 177,581	\$ 106,657	\$ 35,406	\$ -		
Total Annual Developer Reimbursement		\$ 53,467	\$ 68,723	\$ 69,028	\$ 69,336	\$ 69,647	\$ 69,962	\$ 70,279	\$ 70,600	\$ 70,924	\$ 71,251	\$ 35,406	\$ -	\$ 718,623
LOCAL BROWNFIELD REVOLVING FUND														
LBRF Deposits *	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,618	\$ 22,382	\$ 70,000
State Tax Capture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Local Tax Capture	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 47,618	\$ 22,382	\$ 70,000
Total LBRF Capture											\$ -	\$ 47,618	\$ 22,382	

* Up to five years of capture for LBRF Deposits after eligible activities are reimbursed. May be taken from EGLE & Local TIR only.