



MIDWEST CITY MEETINGS

FOR AUGUST 25, 2020

The regular Council/Authority/Commission meetings are live-streamed on the City of Midwest City Government Facebook page as @MidwestCityOK at <https://www.facebook.com/MidwestCityOK/>.

The recorded video will be available on the City's YouTube channel: [Bit.ly/youtubemwc](https://bit.ly/youtubemwc) and the City's website: www.midwestcityok.org within 48 hours. The meeting minutes and video can be found on the City's website in the Agenda Center: <https://midwestcityok.org/AgendaCenter>.

To make a special assistance request, call 739-1213 or email bbundy@midwestcityok.org no less than 24 hours prior to the start of a meeting. If special assistance is needed during a meeting, call 739-1388.

The Council will go directly into the City meetings down in the Council Chambers of City Hall at 6:00 PM. However, they will informally gather at or after 5:00 PM in the Chamber for dinner, but no City Council business will be discussed or acted upon and the room will be open to the public. Meals will only be provided to the City Council and staff.

The CDC recommendations will be followed to the extent allowed by the Oklahoma Open Meetings Act and temporary Amendment. Please stay home if you or anyone in your household is sick or think they may have had a COVID-19 exposure. If attending in person, please practice social distancing and wear a mask to protect yourself and others.



CITY OF MIDWEST CITY COUNCIL AGENDA

City Hall - Midwest City Council Chambers, 100 N. Midwest Boulevard

August 25, 2020 – 6:00 PM

A. **CALL TO ORDER.**

B. **OPENING BUSINESS.**

- Invocation by Assistant City Manager Vaughn Sullivan
- Pledge of Allegiance by Councilmember Bowen
- Community-related announcements and comments
- Mayoral Proclamation for Mr. Stan Greil

C. **CONSENT AGENDA.** These items are placed on the Consent Agenda so the Council, by unanimous consent, can approve routine agenda items by one motion. If any item proposed does not meet with the approval of all Council, or members of the audience wish to discuss an item, it will be removed and heard in a regular order.

1. Discussion and consideration to approve the minutes of the August 11, 2020 special meeting, as submitted. (City Clerk - S. Hancock)
2. Discussion and consideration to approve the minutes of the August 11, 2020 regular meeting, as submitted. (City Clerk - S. Hancock)
3. Discussion and consideration of accepting the City Manager's Report for the month of July 2020. (Finance - C. Barron)
4. Discussion and consideration of accepting the monthly report on the City of Midwest City Employees' Health Benefits Plan by the City Manager and action as deemed necessary by the Council to maintain the plan. (Human Resources - T. Bradley)
5. Discussion and consideration of entering into a Prescription Benefit Services Agreement with CaremarkPCS, L.L.C. and Synchrony Rx for pharmacy benefits for the fiscal year 2020/2021 not to exceed \$1,998,452. (Human Resources - T. Bradley)
6. Discussion and consideration of approving a resolution of the Council of the City of Midwest City's approval of the June 28, 2018 weighted voting amendment to the agreement creating the 9-1-1 Association of Central Oklahoma Governments (ACOG). (City Manager - T. Lyon)
7. Discussion and consideration of approving and entering into a Memorandum of Understanding with the Oklahoma Office of Homeland Security for a Federal FY 2020 Homeland Security Grant Program grant for local funding for the Oklahoma Interoperable Communications Program in the amount of \$452,125.00 and assigning those grant funds to the Oklahoma Office of Homeland Security (OKOHS) and Oklahoma Department of Public Safety (DPS). (Emergency Management – D. Wagner)

8. Discussion and consideration of (1) entering into a Memorandum of Understanding with the Cities of Oklahoma City, Edmond, Del City and Oklahoma County to participate with those governmental entities in the 2020 Edward Byrne Memorial Justice Assistance Grant Program Award; (2) agreeing to abide by the special conditions set forth within the grant language if approved; and (3) authorizing the mayor and/or city manager to execute such documents and enter into such agreements as are necessary or appropriate to carry out the objectives of the grant. (Police - B. Clabes)
9. Discussion and consideration of renewing the Correctional Communications Services Agreement with City Tele-Coin Company, Inc. to provide inmate pay telephone services at the Midwest City Police Department Jail facility for fiscal year 2020-21. (Police - B. Clabes)
10. Discussion and consideration of entering into and approving an Agreement for Professional Services with Lee Engineering LLC in the amount of \$67,500 to provide construction plans for upgrading four signals and replacing school zone flashers city-wide. (Community Development - B. Bundy)
11. Discussion and consideration of reappointing Jim Smith and Jim Campbell to the Planning Commission for additional three-year terms. (B. Harless - Community Development)
12. Discussion and consideration of appointing Marcus Hayes and Shane Barker to the Midwest City Traffic and Safety Commission each for a two-year term to end on August 23, 2022. (Public Works - P. Menffee)
13. Discussion and consideration of declaring (2) Chevy Impalas and (2) Ford Interceptors as surplus and authorizing disposal by public auction, sealed bid or other means necessary. (Police - B. Clabes)
14. Discussion and consideration of declaring (3) positive pressure ventilation fans, (1) generator, (1) Hypres Equipment, (1) hose tester, (14) hose intakes, (1) interior rear seat, (1) public education safety trailer, as surplus and authorizing disposal by public auction, sealed bid or other means as necessary. (Fire Department - B. Norton)

D. DISCUSSION ITEMS.

1. (PC-2043) Public hearing with discussion and consideration of an ordinance to redistrict from C-3, Community Commercial to SPUD, Simplified Planned Unit Development, governed by the C-4, General Commercial district, subject to staff comments, for the property addressed as 2224 S. Air Depot Boulevard. No action was taken on this item at the July 28, 2020 or August 11, 2020 Council meetings. (Community Development - B. Harless)

2. (PC – 2047) Discussion and consideration of approval of the proposed preliminary plat of Freedom Villas, described as a part of the SE/4 of Section 35, T12N, R2W, located at 8712 E. Main Street. No action was taken on this item at the July 28, 2020 Council meeting. (Community Development - B. Harless)
3. Discussion and consideration of accepting a status update on OG&E street lighting maintenance. (Public Works – P. Streets)
4. Discussion and Consideration approving Amendment No. 1 to the construction management contract with MacHill Construction, Inc. associated with the Reed Baseball Complex renovations in a guaranteed maximum price (GPM) not to exceed \$2,247,000.00. (City Manager - V. Sullivan)
5. Discussion and consideration of supplemental budget adjustment to the following funds for FY 2020-2021, increase: MWC Welcome Center Fund, expenses/Tourism (74) \$150,000. Park & Recreation Fund, expenses/Park & Rec (06) \$148,000. Dedicated Tax 2012 Fund, expenses/MWC Parks (23) \$100,000. (Finance - C. Barron)
6. Discussion and consideration of dissolving the Animal Shelter Council Committee based on the fact the mission of the group has been met since the planning phase of the new Animal Welfare Services Center is complete. (Police - B. Clabes)
7. Discussion and consideration of approving a Resolution authorizing and approving a Joint Resolution with the Midwest City Chamber of Commerce, Trustor of the Authority, amending the Trust Indenture of the Authority to allow for grants to be awarded for the use of technology which may have an expected useful life of less than twenty (20) years. (City Attorney - H. Poole)

E. NEW BUSINESS/PUBLIC DISCUSSION. The purpose of the "Public Discussion Section" of the Agenda is for members of the public to speak to the City Council on any Subject not scheduled on the Regular Agenda. The Council shall make no decision or take any action, except to direct the City Manager to take action, or to schedule the matter for discussion at a later date. Pursuant to the Oklahoma Open Meeting Act, the Council will not engage in any discussion on the matter until that matter has been placed on an agenda for discussion. THOSE ADDRESSING THE COUNCIL ARE REQUESTED TO STATE THEIR NAME AND ADDRESS PRIOR TO SPEAKING TO THE COUNCIL.

F. EXECUTIVE SESSION.

1. Discussion and consideration of entering into executive session as allowed under Title 25 SS 307(B)(1) to discuss the employment, hiring, appointment, promotion, demotion, disciplining or resignation of any individual salaried public officer or employee. (City Manager - T. Lyon)

G. FURTHER INFORMATION.

1. Review of the monthly Neighborhood Services report for July 2020. (Neighborhood Services - M. Stroh)
2. Review of the July 2020 Building Report. (Community Development—B. Harless)

H. ADJOURNMENT.



CONSENT AGENDA



Notice for the Midwest City Council special meeting was filed with the City Clerk of Midwest City 48 hours prior to the meeting. Public notice of this agenda was accessible at least 24 hours before this meeting at City Hall and on the Midwest City website (www.midwestcityokorg).

City of Midwest City Council Minutes
Special Meeting

August 11, 2020

This meeting was held in the Midwest City Chambers at City Hall, 100 N Midwest Blvd, Midwest City, County of Oklahoma, State of Oklahoma.

Mayor Matt Dukes called the meeting to order at 5:30 PM with following members present: Councilmembers Susan Eads, Pat Byrne, Española Bowen*, Christine Allen, Sean Reed and with City Clerk Sara Hancock, City Attorney Heather Poole, and City Manager Tim Lyon. Absent: Rick Favors.

DISCUSSION ITEM.

1. Presentation on Open Meetings, Records Requests and Review of Robert's Rules.

Jeff Bryant, OMAG Representative made presentation. No Action Required.

Bowen arrived to meeting at 5:32 PM and left meeting at 5:58 PM.

ADJOURNMENT. There being no further business, Mayor Dukes adjourned the meeting at 5:59 PM.

ATTEST:

MATTHEW D DUKES II, Mayor

SARA HANCOCK, City Clerk

Notice for the Midwest City Council meetings was filed for the calendar year with the City Clerk of Midwest City. Public notice of this agenda was accessible at least 24 hours before this meeting at City Hall and on the Midwest City website (www.midwestcityok.org).

Midwest City Council Minutes

August 11, 2020

This meeting was held in the Midwest City Chambers at City Hall, 100 N Midwest Blvd, Midwest City, County of Oklahoma, State of Oklahoma. Mayor Matt Dukes called the meeting to order at 6:07 PM with following members present: Councilmembers Susan Eads, Pat Byrne, Española Bowen, Sean Reed, Christine Allen, Rick Favors and with City Clerk Sara Hancock, City Attorney Heather Poole, and City Manager Tim Lyon.

OPENING BUSINESS. Assistant City Manager Vaughn Sullivan opened with the invocation, followed by the Pledge of Allegiance led by Councilmember Pat Byrne. Community-related announcements and comments were made.

CONSENT AGENDA. Eads made a motion to approve the consent agenda, as submitted with the exception of pulling item 8, seconded by Allen. Voting Aye: Byrne, Eads, Bowen, Reed, Allen, Favors, and Mayor Dukes. Nay: None. Motion carried.

1. Discussion and consideration to approved the minutes of the July 28, 2020 special meeting, as submitted.
2. Discussion and consideration to approved the minutes of the July 28, 2020 regular meeting, as submitted.
3. Discussion and consideration of supplemental budget adjustment to the following funds for FY 2020-2021, increase: Police, expenses/Police (62) \$3,740. CDBG Fund, revenue/Intergovernmental (00) \$237,620; expenses/Grants Management (39) \$237,620. Grants Fund, revenue/Intergovernmental (62) \$38,341; expenses/Police (62) \$38,341. Grants Fund, revenue/Intergovernmental (62) \$7,928; expenses/Police (62) \$7,928. General Gov't Sales Tax Fund, expenses/City Manager (01) \$3,775. General Fund, expenses/Various (XX) \$98,151. Technology Fund, expenses/General Gov't (14) \$1,498. Police Fund, expenses/Police (62) \$86,260. Juvenile Fund, expenses/Municipal Court (12) \$1,195. Fire Fund, expenses/Fire (64) \$77,089. CVB Fund, expenses/Economic (87) \$1,990. Emergency Operations Fund, expenses/Emergency Operations (21) \$3,341. Public Works Fund, expenses/Public Works (30) \$10,450. Fleet Fund, expenses/Fleet (25) \$12,929. Surplus Fund, expenses/Surplus (26) \$750. Park & Recreation Fund, expenses/Park & Rec (06) \$909; expenses/Communications (20) \$741. CDBG Fund, expenses/Grants Mgmt (39) \$7,510. Risk Fund, expenses/Risk Insurance (29) \$1,279. Disaster Relief Fund, expenses/Neighborhood Services (15) \$3,918. Reimbursed Projects Fund, revenue/Intergovernmental (05) \$24,000; expenses /Community Development (05) \$26,558; expenses/Park & Recreation (06) \$9,147; expenses/Streets (09) \$10,000; expenses/Animal Welfare (10) \$99,523; expenses/ General Gov't (14) \$65,000; Expenses/Neighborhood Services (15) \$5,211; expenses/ Public Works (30) \$507; expenses/Housing (37) \$60,000; revenue/Intergovernmental (39) \$13,500; expenses/Sewer (43) \$37,205; expenses/Police (62) \$560; expenses/Fire (64) \$2,140; revenue/Miscellaneous (87) \$9,600; expenses/Economic (87) \$98,854. Grants Fund, revenue/Intergovernmental (06) \$17,878; expenses/Transfers Out (06) \$17,878;

revenue/Intergovernmental (21) \$15,000; expenses/Transfers Out (21) \$15,000; Revenue/Intergovernmental (57) \$126,198; revenue/Intergovernmental (62) \$74,554; Revenue/Transfers In (62) \$3,032; expenses/Police (62) \$68,634; expenses/Transfers Out (62) \$269; revenue/Intergovernmental (88) \$23,188; expenses/Transfers Out (88) \$23,188. Dedicated Tax 2012 Fund, revenue/Transfers In (00) \$17,878. Emergency Operations Fund, revenue/Transfers In (00) \$15,000. Police Impound Fees Fund. expenses/Transfers Out (62) \$3,032. Police Fund, revenue/Transfers In (00) \$269. Disaster Relief Fund, revenue/Transfers In (88) \$23,188. Grants/Housing Activities Fund, revenue/Intergovernmental (37) \$209,995; expenses/Housing (37) \$9,995. CDBG Fund, revenue/Intergovernmental (00) \$4,458; expenses/Grants Management (39) \$170,159. Fire Fund, expenses/Fire (64) \$2,977.

4. Discussion and consideration of the approval of a Medical Retirement Application made by Employee 3353 through the Oklahoma Municipal Retirement Fund (OMRF).
5. Discussion and consideration of renewing the Lease Agreement with Michael Silsby, d/b/a Silsby Media, for three (3) years beginning August 15, 2020, at a monthly rental rate of \$1,550 for the building located at 2425 South Douglas Boulevard.
6. Discussion and consideration of the acceptance of and making a matter of record Permit No. WL000055200125 from the State Department of Environmental Quality for a water line extension project to serve Rose Field, Midwest City, Oklahoma.
7. Discussion and consideration of signing an agreement with Sunoco Pipeline, L.P. (Energy Transfer) for allowing the City to build the future Rail with Trail Phase 2 & 3 on their existing easement.
8. **Discussion and consideration of accepting permanent easements from Eric Lacquement and Danny R. and Mary S. Cassil located near Steed and Midwest Blvd., as well as a temporary easement from Independent School District Number 52 located at 2500 E. Reno.** Scrivener's error: the correct address is 7500 E. Reno Ave. Eads made a motion to approve, as corrected, seconded by Bowen. Voting Aye: Byrne, Reed, Bowen, Eads, Allen, Favors and Mayor Matt Dukes.
9. Discussion and consideration of the re-appointing Clint Reininger and John Reininger to the ADA Transition Plan Committee.
10. Discussion and consideration of approving the Tree Board's 2020-21 Landscape Plan.
11. Discussion and consideration of declaring office furniture, listed below, as surplus and authorizing disposal by public auction, sealed bid or destruction, if necessary.

DISCUSSION ITEM.

1. **(PC-2043) Public hearing with discussion and consideration of an ordinance to redistrict from C-3, Community Commercial to SPUD, Simplified Planned Unit Development, governed by the C-4, General Commercial district, subject to staff comments, for the property addressed as 2224 S. Air Depot Boulevard. This item is continued from the June 23, 2020 City Council meeting. No Action Taken.**

NEW BUSINESS/PUBLIC DISCUSSION. There was no new business or public discussion.

FURTHER INFORMATION.

1. Discussion regarding the G.O. Bond Proposition #4, Public Safety, regarding the Phase III Police/Fire Training Center. City Manager Lyons and Mayor Dukes read statements.

ADJOURNMENT. There being no further business, Mayor Dukes adjourned the meeting at 6:28 PM.

ATTEST:

MATTHEW D. DUKES II, Mayor

SARA HANCOCK, City Clerk



Finance Department
100 N. Midwest Boulevard
Midwest City, OK 73110
cbarron@midwestcity.org
Office: 405-739-1245
www.midwestcityok.org

TO: Honorable Mayor and City Council

FROM: Christy Barron, City Treasurer/Finance Director

DATE: August 25, 2020

SUBJECT: Discussion and consideration of accepting the City Manager's Report for the month of July 2020.

The funds in July that experienced a significant change in fund balance from the June report are as follows:

Utilities Capital Outlay (189) decreased because of the following:

Payment for new Horizontal Grinder	<\$ 691,108>
Trade in of 2015 Horizontal Grinder	\$300,000

Golf (197) had an operational gain of \$40,392 in July.

2018 Election G.O. Bonds (270) decreased due to the payments for:

Various Capital Outlay Payments	<\$332,826>
---------------------------------	-------------

MWC Hospital Authority (425) activities for July:

Compounded Principal (9010) - unrealized gain on investment	\$3,905,030
- transfer to 9050	<\$1,490,272>
- transfer to 9080	<\$496,757>
Discretionary (9050) - unrealized gain on investment	\$905,625
- transfer from 9010	\$1,490,272
H. A. Grants (9080) - transfer from 9010	\$496,757

Christy Barron
Finance Director

City of Midwest City
Financial Summary by Fund
for Period Ending July, 2020

(Unaudited)

Fund Number	Fund Description	Assets	Liabilities	6/30/2020 Fund Balance	Revenues	Expenditures	Gain or (Loss)	Fund Balance
9	GENERAL GOVERNMENT SALES TAX	3,757,949	-	3,692,885	237,186	(172,121)	65,064	3,757,949
10	GENERAL	7,219,639	(152,822)	7,257,406	3,624,182	(3,814,770)	(190,589)	7,066,817
11	CAPITAL OUTLAY RESERVE	878,800	-	878,312	487	-	487	878,800
13	STREET AND ALLEY FUND	1,664,496	-	1,615,489	52,647	(3,640)	49,007	1,664,496
14	TECHNOLOGY FUND	227,965	-	207,826	30,453	(10,314)	20,139	227,965
15	STREET LIGHT FEE	1,878,614	-	1,874,909	49,539	(45,833)	3,706	1,878,614
16	REIMBURSED PROJECTS	1,249,289	-	1,227,891	23,202	(1,803)	21,398	1,249,290
17	29TH & DOUGLAS PROPERTY	288	-	288	-	-	-	288
20	MWC POLICE DEPARTMENT	5,900,735	-	5,969,836	1,508,345	(1,577,445)	(69,100)	5,900,735
21	POLICE CAPITALIZATION	491,285	-	448,160	43,124	-	43,124	491,285
25	JUVENILE FUND	28,908	-	27,943	11,140	(10,174)	965	28,908
30	POLICE STATE SEIZURES	72,123	-	72,260	40	(177)	(137)	72,123
31	SPECIAL POLICE PROJECTS	96,446	-	93,392	3,053	-	3,053	96,446
33	POLICE FEDERAL PROJECTS	49,080	-	49,067	12	-	12	49,080
34	POLICE LAB FEE FUND	24,587	-	23,424	1,222	(59)	1,162	24,587
35	EMPLOYEE ACTIVITY FUND	20,484	-	20,356	196	(69)	127	20,484
36	JAIL	140,575	-	144,218	2,717	(6,360)	(3,643)	140,575
37	POLICE IMPOUND FEE	112,894	-	109,036	4,113	(255)	3,857	112,894
40	MWC FIRE DEPARTMENT	3,910,961	(4)	4,029,690	1,178,605	(1,297,337)	(118,732)	3,910,957
41	FIRE CAPITALIZATION	1,215,901	-	1,180,917	54,496	(19,512)	34,984	1,215,901
45	MWC WELCOME CENTER	356,924	(285)	353,512	19,477	(16,350)	3,127	356,639
46	CONV / VISITORS BUREAU	190,726	-	184,975	28,849	(23,098)	5,752	190,726
50	DRAINAGE TAX FUND	-	-	-	-	-	-	-
60	CAPITAL DRAINAGE IMP	624,304	-	614,336	38,932	(28,965)	9,968	624,304
61	STORM WATER QUALITY	1,016,921	-	1,014,388	64,052	(61,519)	2,533	1,016,921
65	STREET TAX FUND	1,883,355	-	1,840,981	45,029	(2,655)	42,374	1,883,355
70	EMERGENCY OPER FUND	772,434	-	765,195	47,175	(39,936)	7,239	772,434
75	PUBLIC WORKS ADMIN	562,550	-	647,055	89,453	(173,958)	(84,504)	562,550
80	INTERSERVICE FUND	586,946	-	638,120	201,094	(252,267)	(51,173)	586,946
81	SURPLUS PROPERTY	510,664	(401,764)	108,739	4,498	(4,337)	161	108,900
115	ACTIVITY FUND	352,274	(118)	351,549	5,497	(4,889)	608	352,156
123	PARK & RECREATION	685,030	(150)	639,507	64,936	(19,563)	45,373	684,880
141	COMM. DEV. BLOCK GRANT	26,065	-	26,065	47,897	(47,897)	-	26,065
142	GRANTS/HOUSING ACTIVITIES	169,520	-	142,535	32,290	(5,305)	26,985	169,520
143	GRANT FUNDS	99,901	(39,901)	60,000	25,052	(25,052)	-	60,000

City of Midwest City
Financial Summary by Fund
for Period Ending July, 2020
(Unaudited)

Fund Number	Fund Description	Assets	Liabilities	6/30/2020 Fund Balance	Revenues	Expenditures	Gain or (Loss)	Fund Balance
157	CAPITAL IMPROVEMENTS	2,572,949	-	2,523,375	81,993	(32,419)	49,574	2,572,949
172	CAP. WATER IMP-WALKER	1,490,800	-	1,440,837	50,242	(279)	49,963	1,490,800
178	CONST LOAN PAYMENT REV	2,953,766	(15,358)	2,876,857	76,002	(14,451)	61,551	2,938,408
184	SEWER BACKUP FUND	83,817	-	83,771	46	-	46	83,817
186	SEWER CONSTRUCTION	4,541,998	(175,000)	4,285,350	117,248	(35,600)	81,648	4,366,998
187	UTILITY SERVICES	473,046	(924)	494,006	91,883	(113,767)	(21,884)	472,122
188	CAP. SEWER IMP.-STROTH	156,003	-	121,949	34,245	(191)	34,053	156,003
189	UTILITIES CAPITAL OUTLAY	2,742,847	(82,430)	3,009,651	355,870	(705,104)	(349,234)	2,660,417
190	MWC SANITATION DEPARTMENT	3,127,044	-	3,020,287	611,687	(504,930)	106,757	3,127,044
191	MWC WATER DEPARTMENT	2,710,280	-	2,749,260	674,390	(713,371)	(38,980)	2,710,280
192	MWC SEWER DEPARTMENT	1,187,495	(93)	1,282,446	477,777	(572,821)	(95,044)	1,187,402
193	MWC UTILITIES AUTHORITY	947,793	-	952,584	525	(5,316)	(4,791)	947,793
194	DOWNTOWN REDEVELOPMENT	2,371,288	(5,045)	2,364,928	1,314	-	1,314	2,366,243
195	HOTEL/CONFERENCE CENTER	667,949	(579,035)	86,188	209,220	(206,494)	2,726	88,914
196	HOTEL 4% FF&E	553,301	(43,691)	672,955	7,584	(170,928)	(163,345)	509,610
197	JOHN CONRAD REGIONAL GOLF	352,517	(147,195)	164,931	150,871	(110,480)	40,392	205,323
201	URBAN RENEWAL AUTHORITY	81,908	-	81,862	45	-	45	81,908
202	RISK MANAGEMENT	1,158,289	(37)	1,337,005	76,225	(254,978)	(178,752)	1,158,252
204	WORKERS COMP	3,243,176	-	3,342,285	95,198	(194,307)	(99,109)	3,243,176
220	ANIMALS BEST FRIEND	89,561	-	89,075	2,451	(1,965)	486	89,561
225	HOTEL MOTEL FUND	-	-	-	51,328	(51,328)	-	-
230	CUSTOMER DEPOSITS	1,553,035	(1,553,035)	-	860	(860)	-	-
235	MUNICIPAL COURT	82,506	(82,506)	-	46	(46)	-	-
240	L & H BENEFITS	1,693,237	(60,500)	1,519,039	662,696	(548,997)	113,699	1,632,737
250	CAPITAL IMP REV BOND	14,304,768	(54,383,373)	(40,619,738)	1,351,875	(810,742)	541,134	(40,078,605)
269	2002 G.O. STREET BOND	315,346	-	315,172	175	-	175	315,346
270	2018 ELECTION G.O. BOND	26,739,997	(55,722)	27,003,375	14,825	(333,925)	(319,100)	26,684,275
271	2018 G.O. BONDS PROPRIETARY	10,677,078	-	10,686,758	5,920	(15,600)	(9,680)	10,677,078
310	DISASTER RELIEF	1,245,368	(185,573)	1,072,308	13,636	(26,148)	(12,512)	1,059,795
340	REVENUE BOND SINKING FUND	-	-	-	559,451	(559,451)	-	-
350	G. O. DEBT SERVICES	1,891,784	(37,375)	1,840,177	15,281	(1,049)	14,232	1,854,409
352	SOONER ROSE TIF	1,654,001	-	1,654,228	3,273	(3,500)	(227)	1,654,001
353	ECONOMIC DEV AUTHORITY	52,795,230	(49,744,352)	2,884,708	237,526	(71,356)	166,170	3,050,878
425-9010	MWC HOSP AUTH-COMP PRINCIPAL	101,269,787	(6,205,643)	93,145,527	3,905,646	(1,987,029)	1,918,617	95,064,145
425-9020	MWC HOSP AUTH-LOAN RESERVE	559,708	(559,708)	-	-	-	-	-
425-9050	MWC HOSP AUTH-DISCRETIONARY	13,632,121	(3,950)	11,287,755	2,396,659	(56,243)	2,340,416	13,628,170
425-9060	MWC HOSP IN LIEU OF/ROR/MISC	8,738,934	-	8,746,405	31	(7,500)	(7,469)	8,738,936
425-9080	MWC HOSP AUTH GRANTS	525,155	-	28,398	496,757	-	496,757	525,155
	TOTAL	305,962,513	(114,515,589)	186,853,972	20,369,792	(15,776,837)	4,592,955	191,446,927



Human Resources
100 N. Midwest Boulevard
Midwest City, OK 73110
office 405.739.1235

Memorandum

TO: Honorable Mayor and Council

FROM: Troy Bradley, Human Resources Director

DATE: August 25, 2020

RE: Discussion and consideration of accepting the monthly report on the City of Midwest City Employees' Health Benefits Plan by the City Manager and action as deemed necessary by the Council to maintain the plan.

This item is placed on the agenda at the request of the Council. Attached to this memo is information regarding the current financial condition of the City Employees' Health Benefits Plan for the month of July 2020 which is the first (1) period of the FY 2020/2021.

Troy Bradley, Human Resources Director

FISCAL YEAR 2020-2021	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
PLAN INCOME												
Projected Budgeted (MTD)	729,416	729,416	729,416	729,416	729,416	729,416	729,416	729,416	729,416	729,416	729,416	729,416
Actual (MTD)	662,819											
Projected Budgeted (YTD)	729,416	1,458,832	2,188,248	2,917,664	3,647,080	4,376,496	5,105,912	5,835,328	6,564,744	7,294,160	8,023,576	8,752,992
Actual (YTD)	662,819											
PLAN CLAIMS/ADMIN COSTS	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Projected Budgeted (MTD)	691,492	864,366	691,492	691,492	864,366	691,492	691,492	691,492	864,366	691,492	864,366	691,492
Actual (MTD)	548,997											
Projected Budgeted (YTD)	691,492	1,555,858	2,247,350	2,938,842	3,803,208	4,494,700	5,186,192	5,877,684	6,742,050	7,433,542	8,297,908	8,989,400
Actual (YTD)	548,997											
EXCESS INCOME vs. EXPENDITURES	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Projected Budgeted (MTD)	37,924	-134,950	37,924	37,924	-134,950	37,924	37,924	37,924	-134,950	37,924	-134,950	37,924
Actual (MTD)	113,822	0	0	0	0	0	0	0	0	0	0	0
Projected Budgeted (YTD)	37,924	-97,026	-59,102	-21,178	-156,128	-118,204	-80,280	-42,356	-177,306	-139,382	-274,332	-236,408
Actual (YTD)	113,822	0	0	0	0	0	0	0	0	0	0	0
FISCAL YEAR 2019-2020	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
PLAN INCOME												
Projected Budgeted (MTD)	674,837	674,837	674,837	674,837	674,837	674,837	674,837	674,837	674,837	674,836	674,836	674,836
Actual (MTD)	627,213	652,720	650,545	655,169	734,359	715,169	723,236	970,288	715,536	649,274	675,554	732,160
Projected Budgeted (YTD)	674,837	1,349,674	2,024,511	2,699,348	3,374,185	4,049,022	4,723,859	5,398,696	6,073,533	6,748,369	7,423,205	8,098,041
Actual (YTD)	627,213	1,279,933	1,930,478	2,585,647	3,320,007	4,035,176	4,758,412	5,728,700	6,444,236	7,093,510	7,769,064	8,501,224
PLAN CLAIMS/ADMIN COSTS	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Projected Budgeted (MTD)	727,655	640,699	727,655	640,699	640,699	727,655	640,699	640,699	727,655	640,698	640,698	640,698
Actual (MTD)	646,453	673,397	845,354	678,761	893,068	996,518	825,669	776,712	849,727	629,694	538,458	736,771
Projected Budgeted (YTD)	727,655	1,368,354	2,096,009	2,736,708	3,377,407	4,105,062	4,745,761	5,386,460	6,114,115	6,754,813	7,395,511	8,036,209
Actual (YTD)	646,453	1,319,850	2,165,204	2,843,965	3,737,033	4,733,551	5,559,220	6,335,932	7,185,659	7,815,353	8,353,811	9,090,582
EXCESS INCOME vs. EXPENDITURES	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Projected Budgeted (MTD)	-52,818	34,138	-52,818	34,138	34,138	-52,818	34,138	34,138	-52,818	34,138	34,138	34,138
Actual (MTD)	-19,240	-20,677	-194,809	-23,592	-158,708	-281,349	-102,433	193,576	-134,191	19,580	137,096	-4,611
Projected Budgeted (YTD)	-52,818	-18,680	-71,498	-37,360	-3,222	-56,040	-21,902	12,236	-40,582	-6,444	27,694	61,832
Actual (YTD)	-19,240	-39,917	-234,726	-258,318	-417,026	-698,375	-800,808	-607,232	-741,423	-721,843	-584,747	-589,358

July 1/FY 2020: \$1,631,799

July 1/FY 2019: \$2,094,426

July 1/FY 2018: \$1,763,911

July 1/FY 2017: \$1,563,130

** HAD FIVE MONDAYS WITH REPORTED MEDICAL
CLAIMS PAID**



Human Resources
100 N. Midwest Boulevard
Midwest City, OK 73110
office 405.739.1235

Memorandum

TO: Honorable Mayor and Council

FROM: Troy Bradley, Human Resources Director

DATE: August 25, 2020

RE: Discussion and consideration of entering into a Prescription Benefit Services Agreement with CaremarkPCS Health, L.L.C. and Synchrony Rx for pharmacy benefits for the fiscal year 2020/2021 not to exceed \$1,998,452.

The City of Midwest City is carving out the Pharmacy Benefits Manager (PBM) from Blue Cross Blue Shield's Prime Therapeutics. Based on proposals obtained, entering into an agreement with CaremarkPCS Health, L.L.C. and Synchrony Rx to administer the City's pharmacy benefits will save the City Life and Health money by increasing the amount of rebates passed through to the City instead of being retained by the PBM. Based on rebate processing schedules, the City anticipates that FY20-21 costs will be flat. In future fiscal years, when rebate processing catches up, the City anticipates savings of nearly \$400,000.00 (based on analysis of the prescription plan utilization and costs in previous years). The approved budget for this expenditure of \$1,998,452.

Staff has worked with Synchrony Rx to minimize disruption to plan participants. By entering into this agreement (which contains proprietary and confidential information regarding pharmacy rates and fees), Synchrony Rx will be the PBM for the City and will administer pharmacy benefit services on the CVS/Caremark network.

The group service agreement is attached. The specific pricing, appeals process, and other specific protocols are considered confidential and proprietary information and/or trade secrets and, therefore, are not attached here.

Staff recommends approval.

Troy Bradley, Human Resources Director

Exhibit A

Participating Group Agreement

CVS/CAREMARK PRESCRIPTION BENEFIT SERVICES AGREEMENT PARTICIPATING GROUP AGREEMENT

This CVS/caremark Prescription Benefit Services Agreement – Participating Group Agreement (the "Participating Group Agreement") dated as of July 1st, 2020 ("Participating Group Effective Date"), is entered into by and between CaremarkPCS Health, L.L.C., a Delaware limited liability company ("CVS/caremark"), Synchrony Rx ("Administrator"), and The City of Midwest City ("Participating Group").

Participating Group represents that its Plan **(please check appropriate response)**:

_____ is governed by ERISA.

_____ is **not** governed by ERISA.

CVS/caremark and Administrator, acting on behalf of itself and the undersigned Participating Group, have entered into the Prescription Benefit Services Agreement, dated as of July 1, 2016 (the "TPA Agreement"), under which Administrator has engaged CVS/caremark to provide managed pharmacy benefit services to Administrator and its Participating Groups. Unless otherwise defined herein, capitalized terms used in this Participating Group Agreement shall have the meanings ascribed to those terms in the TPA Agreement.

1. **TPA Agreement.** Participating Group acknowledges that Services shall be made available in accordance with the terms of the TPA Agreement entered into by Administrator and CVS/caremark. Participating Group does hereby agree to such terms and to be bound by, and to assume and perform, each and all of the terms, covenants and conditions of the TPA Agreement as a Participating Group in the same manner and to the same extent as if it were a party thereto. Participating Group acknowledges and agrees that Administrator and CVS/caremark may amend all or any portion of the TPA Agreement and Participating Group hereby agrees to be bound by any such amendment.

By signing this Participating Group Agreement, Participating Group acknowledges and agrees that the terms of the master TPA Agreement have been completely read, fully understood and voluntarily accepted and further agrees to be bound thereby.

2. **Billing and Payment.**

- (a) CVS/caremark shall make available to Administrator information reflecting the amount of payments that have become due with respect to Participating Group. Administrator shall invoice Participating Group for such amounts and payment shall be due to Administrator. Notwithstanding the foregoing, upon execution of this Participating Group Agreement, Participating Group may elect, by checking the box below (or otherwise communicating to CVS/caremark in writing), to assume responsibility for direct payment of invoiced amounts to CVS/caremark in accordance with the terms of the TPA Agreement.

_____ Participating Group elects to pay directly invoiced amounts to CVS/caremark

- (b) If any payment required by Participating Group is not received by CVS/caremark in the manner and time frame communicated by Administrator, or as otherwise set forth herein, CVS/caremark may, in accordance with the TPA Agreement, charge late fees, withhold the amounts from the security deposit, if any, cease or suspend performing Services, or otherwise terminate this Participating Group Agreement in accordance with the terms hereof.
 - (c) Participating Group shall have no right to offset from payments due hereunder disputed amounts or amounts due or allegedly due from CVS/caremark, except as approved in writing by CVS/caremark. Any sales, use or other tax or assessment, including any surcharge or similar fee imposed under any applicable law on any health care provider, Plan Participant, service, supply or product provided under the TPA Agreement and/or this Participating Group Agreement, shall be the sole responsibility of Participating Group, as applicable, and may be added to the invoice.
- 3. Term, Termination and Amendment. The term of this Participating Group Agreement shall commence on the Participating Group Effective Date and continue for one (1) year. The term shall be renewable for additional one-year periods. Each party may give notice of its intent to non-renew at least ninety (90) days prior to end of current agreement's term.. This Participating Group Agreement may also be terminated for cause or as a result of a change in the law, in accordance with the terms of the TPA Agreement. In the event the TPA Agreement is terminated by and between CVS/caremark and Administrator, CVS/caremark may continue to provide Services to Participating Group, provided that the pricing and terms associated with such Services are subject to change.
- 4. Indemnification. Participating Group shall defend, indemnify and hold harmless CVS/caremark and each of its officers, directors, employees, subsidiaries and affiliates (the "CVS/caremark Parties"), from and against any and all Losses incurred by any of the CVS/caremark Parties arising out of or relating to (i) Participating Group's negligent acts or omissions or breach of its obligations or warranties set forth in the TPA Agreement or this Participating Group Agreement, except to the extent such Losses are caused by the negligence or willful misconduct of any CVS/caremark Party, (ii) any legal defects in the design of the Plan, or (iii) any deficiencies in the PDD.

CVS/caremark shall defend, indemnify and hold harmless Participating Group and each of its officers, directors, employees, subsidiaries and affiliates (the "Participating Group Parties") from and against any and all Losses incurred by any of the Participating Group Parties to the extent arising out of or relating to CVS/caremark's negligent acts or omissions breach of its obligations or warranties set forth in the TPA Agreement or this Participating Group Agreement, except to the extent such Losses are caused by the negligence or willful misconduct of any Participating Group Party.

Participating Group shall defend, indemnify and hold harmless Administrator and each of its officers, directors, employees, subsidiaries and affiliates (the "Administrator Parties"), from and against any and all Losses incurred by any of the Administrator Parties arising out of or relating to (i) Participating Group's negligent acts or omissions or breach of its obligations or warranties set forth in the TPA Agreement or this Participating Group Agreement, except to the extent such Losses are caused by the negligence or willful misconduct of any Administrator Party, (ii) any legal defects in the design of the Plan, or (iii) any deficiencies in the PDD.
- 5. Confidentiality. Participating Group agrees to be bound by the confidentiality provisions set forth in Section 10 of the TPA Agreement.

6. Government Programs. To the extent required by applicable law or contractual commitment, Participating Group agrees to fully and accurately disclose and report to Medicare, Medicaid or other government health care programs any discount, rebate or other credit received by Participating Group, Administrator or one or more third parties under this Participating Group Agreement, whether reflected in the fees for the products and services or otherwise provided hereunder, as discounts against the price of the drugs under all applicable state or federal programs that provide reimbursement to Participating Groups for products or services provided by CVS/caremark. It is the intention of the parties, that for purposes of the Federal Anti-kickback Statute, any discount, rebate or other credit, shall constitute and be treated as discount against the price of drugs within the meaning of 42 U.S.C. §1320a-7b(b)(3)(A).
7. Disclosure. Participating Group acknowledges and agrees that, pursuant to the TPA Agreement, CVS/caremark pays to Administrator and/or one or more third party brokers certain credits and administrative, implementation, broker, consulting or other fees (collectively, “Additional Credits”). Participating Group represents that it has received from Administrator information regarding all Additional Credits paid by CVS/caremark, which are related to Participating Group and its Plan Participants' utilization. For purposes of the Federal Anti-Kickback Statute and any required government reporting, Participating Group acknowledges and agrees that Additional Credits paid on behalf of Participating Group shall constitute and shall be treated by Participating Group as a discount against the price of drugs within the meaning of 42 U.S.C. §1320a-7b(b)(3)(A).
8. Appeals. As part of the Services provided pursuant to the Agreement, CVS/caremark will conduct prescription drug appeals (“Appeals Program”) in accordance with the terms, conditions and fees set forth in Attachment 1 attached hereto. The Appeal Program will be implemented for Participating Group on the date agreed to by CVS/caremark and Participating Group as documented in Participating Group’s implementation documents.

* * * * *

[Signatures continue on next page]

Administrator and CVS/caremark by their signatures hereto accept and agree to the participation of the Participating Group identified above under the TPA Agreement in accordance with the terms of the TPA Agreement and this Participating Group Agreement.

CAREMARKPCS HEALTH, L.L.C.

SYNCHRONY RX

By: _____

By: _____

Name (Print): _____

Name (Print) _____

Title: _____

Title: _____

Date: _____

Date: _____

THE CITY OF MIDWEST CITY

By: _____

Name (Print): _____

Title: _____

Date: _____

Address for Notice:

Attention: _____

Facsimile: _____



City Manager

100 N. Midwest Blvd.
Midwest City, OK 73110
tlyon@midwestcityok.org
Office: 405-739-1201
www.midwestcityok.org

MEMORANDUM

TO: Honorable Mayor and City Council

FROM: Tim Lyon, City Manager

DATE: August 25, 2020

SUBJECT: Discussion and consideration approving a resolution of the council of the City of Midwest City's approval of the June 28, 2018 weighted voting amendment to the agreement creating the 9-1-1 Association of Central Oklahoma Governments (ACOG).

On May 28, 2020, the 9-1-1 Board of Directors for the Association of Central Oklahoma Governments met to amend the 9-1-1 Agreement between all the participating local governments regarding the weighed vote of each Board member.

The agreement changed the weighted vote of each Board of Director Member based on the number of landlines located in their local government to weighted vote being it based on their local municipality population.

Mayor Dukes represents the City of Midwest City on the Board of Directors and is recommending that we ratify the attached resolution.



Tim Lyon, City Manager

RESOLUTION 2020-_____

A RESOLUTION OF THE COUNCIL OF THE CITY OF MIDWEST CITY'S APPROVAL OF
JUNE 28, 2018 WEIGHTED VOTING AMENDMENT TO THE AGREEMENT CREATING
THE 9-1-1 ASSOCIATION OF CENTRAL OKLAHOMA GOVERNMENTS

WHEREAS, The AGREEMENT CREATING THE 9-1-1 ASSOCIATION OF
CENTRAL OKLAHOMA GOVERNMENTS may be altered, amended, or otherwise modified
pursuant to a majority vote of a quorum of the Board, provided such amendment, alteration or
modification shall be ratified by a majority of the members and approved by the Attorney
General prior to its becoming effective; and

WHEREAS, the Weighted Voting Amendment was approved by the 9-1-1 ACOG Board
of Directors on June 28, 2018 and ratified by the 9-1-1 ACOG Board of Directors on December
13, 2018; however, was not previously ratified by this City prior to the Attorney General's
approval on January 28, 2019.

NOW THEREFORE BE IT RESOLVED by the Council of the City of Midwest City that
it does, hereby approve this _____ day of _____, 2020, the Weighted Voting
Amendment, with said Amendment being approved by the 9-1-1 ACOG Board of Directors June
28, 2018 and Ratified by the 9-1-1 ACOG Board of Directors December 13, 2018.

Mayor, Matthew D. Dukes II

ATTEST:

City Clerk, Sara Hancock



Emergency Management
100 N. Midwest Blvd.
Midwest City, OK 73110
405.739.1386

To: Honorable Mayor and Council

From: Debra Wagner, Emergency Manager

Date: August 25, 2020

Subject: Discussion and consideration of approving and entering into a Memorandum of Understanding (MOU) with the Oklahoma Office of Homeland Security for a Federal FY 2020 Homeland Security Grant Program grant for local funding for the Oklahoma Interoperable Communications Program in the amount of \$452,125.00 and assigning those grant funds to the Oklahoma Office of Homeland Security (OKOHS) and Oklahoma Department of Public Safety (DPS).

These expenditures will be for the benefit of the City and other state and local units of government throughout the State of Oklahoma. It is anticipated that a portion of the funding covered by the MOU will ultimately be supported by direct awards to individual local units of government (at such time as specific needs and costs are identified). This MOU will help to facilitate the efficient procurement and allocation of critical communications components.

This communications program will continue to enhance the capability of state and local units of government to prevent, deter, respond to and recover from disasters/emergencies including but not limited to incidents of terrorism involving the use of chemical, biological, radiological, nuclear, and explosive (CBRNE) weapons and cyber-attacks by providing connectivity and communications interoperability between state and local responders.

Staff recommends approval.

A handwritten signature in black ink, appearing to read "Debra Wagner", with a long horizontal flourish extending to the right.

Debra Wagner
Emergency Manager

MEMORANDUM OF UNDERSTANDING
2020 HOMELAND SECURITY GRANT PROGRAM
INTEROPERABLE COMMUNICATIONS PROGRAM
DESIGNATION OF THE STATE AS THE AGENT FOR THE LOCAL
SHARE OF GRANT FUNDING

Generally, DHS guidelines require 80% of Homeland Security funds to be awarded to local units of government. However, if requested by a local jurisdiction, the State may retain a portion of "Local" grant funds for equipment used by the State and/or for planning, exercises and training activities that are coordinated by the State for the benefit of local units of government.

I, as the duly authorized official of the City of Midwest City, Oklahoma (the "City") have read and understood the Federal FY 2020 Homeland Security Grant Program (the "2020 Grant") Guidance and Application Kit, which can be found at the following web address:

[Fiscal Year 2020 Homeland Security Grant Program \(HSGP\) Notice of Funding Opportunity \(NOFO\)](#)

On behalf of the City, I hereby accept \$452,125.00 of 2020 Grant local funding and hereby assign this funding to the State of Oklahoma, specifically to the Oklahoma Office of Homeland Security (OKOHS) and the Oklahoma Department of Public Safety (DPS), for (1) planning costs to include updating the Statewide Communications Plan (SCIP). This includes updating implementation steps for the revised National Emergency Communications Plan (NECP); established by the National Council of Statewide Interoperability Coordinators (NCSWIC); (2) purchase and install interoperable communications equipment which includes the support of shared 700/800 MHz systems as well as the procurement of narrowband compliant equipment, UHF, VHF and the implementation of P25 software for existing radios; providing mobile and handheld radios to first responders, portable repeater's, and equipment resources needed to support interoperable communications; (3) provide funding towards training and exercises for interoperable communications; and (4) fund salaries of the Statewide Interoperability Coordinator (SWIC) and personnel to procure and deploy communications infrastructure and equipment, assist with training and exercises, and developing standard operating procedures, and program management; and (5) provide funding and support of Emergency Service Function (ESF) # 2 and Alerts and Warnings. These expenditures will be for the benefit of the City and other state and local units of government throughout the State of Oklahoma. It is anticipated that a portion of the funding covered by this MOU will ultimately be supported by direct awards to individual local units of government (at such time as specific needs and costs are identified). This MOU will help to facilitate the efficient procurement and allocation of critical communications components.

Program Title: Oklahoma Interoperable Communications Program

Description: This program will enhance the capability of state and local units of government to prevent, deter, respond to and recover from disasters/emergencies including but not limited to incidents of terrorism involving the use of chemical, biological, radiological, nuclear, and explosive (CBRNE) weapons and cyber-attacks by providing connectivity and communications interoperability between state and local responders.

Local Authorizing Official/Point of Contact for the City:

Name: _____

Position: _____

Signature: _____

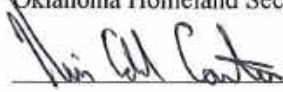
Date: _____

Phone/Email: _____

State Administrative Agency (SAA) Official/Point of Contact:

Name: Kim Edd Carter
Oklahoma Homeland Security Director

Signature:



Date:

7-30-2020

Return to:

Oklahoma Office of Homeland Security (OKOHS)
Post Office Box 11415
Oklahoma City, OK 73136
405.425.7296
405.425.7295 (Fax)



City of Midwest City Police Department

100 N. Midwest Boulevard

Midwest City, OK 73110

Office 405.739.1320

Fax 405.739.1398

Memorandum

TO: Honorable Mayor and City Council

FROM: Brandon Clabes, Chief of Police

DATE: August 25, 2020

SUBJECT: Discussion and consideration of (1) entering into a Memorandum of Understanding with the Cities of Oklahoma City, Edmond, Del City and Oklahoma County to participate with those governmental entities in the 2020 Edward Byrne Memorial Justice Assistance Grant Program Award; (2) agreeing to abide by the special conditions set forth within the grant language if approved; and (3) authorizing the mayor and/or city manager to execute such documents and enter into such agreements as are necessary or appropriate to carry out the objectives of the grant.

Approval of the attached Memorandum of Understanding between the Cities of Oklahoma City, Del City and Oklahoma County will allow Midwest City to participate with those governmental entities in the 2020 Justice Assistance Grant (JAG) Program Award of which Midwest City will receive the amount of \$7,617.00. The proposed Memorandum of Understanding is necessary because Oklahoma City applied for and received the grant on behalf of Oklahoma County and has agreed to be the administrator of the grant. Designated use of the funds has been pre-approved to provide equipment, overtime, or salaries for law enforcement purposes. There is no matching fund requirement.

Staff recommends approval.

Brandon Clabes, Chief of Police

Attachment: Memorandum of Understanding

**MEMORANDUM OF UNDERSTANDING
BJA FY 20
EDWARD BYRNE MEMORIAL JUSTICE ASSISTANCE GRANT
(JAG) PROGRAM LOCAL SOLICITATION AWARD**

WHEREAS, This memorandum of understanding is made and entered into this 22 day of JULY 2020, by and between The City of Oklahoma City (also referred to herein as "Fiscal Agent") and the cities of Del City, Edmond, Midwest City (collectively "Cities") and Oklahoma County (hereinafter "County"); and

WHEREAS, the Department of Justice has determined that successful applicants for awards under the Office of Justice Programs must comply with several application requirements, including the execution of a memorandum of understanding among the authorized officials of each jurisdiction to select a fiscal agent and to submit a joint application for sharing of specified grant amounts; and

WHEREAS, authorized by its governing body, each of the undersigned chief law enforcement officials agrees that this memorandum of understanding is in the best interests of all parties, that the undertaking will benefit the public, and that the division of grant funds fairly allocates the available resources; and

WHEREAS, the Cities and the County believe it to be in their best interests to reallocate the JAG funds as required by the granting entity, the United States Department of Justice.

NOW THEREFORE, the County and Cities agree as follows:

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

Section 1.

The parties agree that the Fiscal Agent for the grant will be The City of Oklahoma City. No funds will be remitted to a party hereto unless and until the Fiscal Agent is satisfied that all required documentation has been properly completed by that party, that all necessary governing-body approvals have been docketed and adopted, that all public notices have been given, that acceptable documentation has been preserved and necessary documentation has been submitted, and that all local, state and federal accounting and program requirements have been satisfied. Reimbursement of expenditures by the Fiscal Agent shall not negate each party's obligation under federal law to repay the federal government for amounts that are disallowed by the federal government. Each party hereto agrees to submit to its governing body for approval a separate Subaward and Fiscal Agent Agreement to be approved by the governing body and signed by the mayor or city manager of a City or by the chair of the Board of County Commissioners.

Section 2.

The City of Oklahoma City has agreed to not charge the Cities or the County the ten percent (10%) of the grant amount allowed for administration. The BJA FY 20 JAG funds will be allocated as in the original BJA FY 20 JAG allocation less the 35.0% disparate share to Oklahoma County. In addition, the allocations for Oklahoma County, Del City, Edmond and Midwest City, will be increased by two and one half percent (2.5%) in lieu of a monthly interest distribution. Based on this formula the reallocation of the BJA FY 20 JAG award is as follows:

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

- Oklahoma County will receive \$ 153,274 of JAG funds;
- Del City will receive \$ 7,948 of JAG funds;
- Edmond will receive \$ 7,002 of JAG funds;
- Midwest City will receive \$ 7,617 of JAG funds; and
- The City of Oklahoma City will receive \$ 251,402 of the federal grant award and all interest earned by the BJA FY 20 JAG award.

Under the JAG Program, the cities of Del City, Edmond, Midwest City and Oklahoma County will operate on a reimbursement basis. Interest will be earned and retained by The City of Oklahoma City. Interest proceeds will only be expended by The City of Oklahoma City for the purposes as allowed by the federal award. Interest income is considered federal funding in the JAG Program.

Section 3.

Oklahoma County agrees to spend their allocation of JAG funds for Equipment for Law Enforcement Purposes on or before September 30, 2022. The cities of Del City, Edmond and Midwest City agree to spend their allocations of JAG funds for Equipment for Law Enforcement Purposes on or before September 30, 2021. The City of Oklahoma City will expend their allocation of JAG funds for administration, equipment, overtime, or salaries and benefits for Law Enforcement Purposes.

Section 4.

The parties further agree that The City of Oklahoma City, Del City, Edmond, Midwest City and Oklahoma County will be responsible for their own compliance in every federal, state and local requirement of the grant award and shall be liable for their own failure to comply

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

including any repayment of disallowed costs. This compliance will include, but not be limited to, the timely submission of properly executed grant applications, acceptance and certification documents, audits, reports, claims and supporting documentation that may be requested by the fiscal agent or the granting entity. No funds will be remitted to a subgrantee unless and until all required documentation has been completed and timely received to the satisfaction of the Fiscal Agent and in compliance with all applicable laws and grant requirements. All parties acknowledge and understand that these grant funds are subject to strict reporting and record-keeping requirements and failure to timely provide such reporting as required by the Fiscal Agent pursuant to federal law may result in a loss of reimbursement eligibility.

Section 5.

Each party to this memorandum of understanding will be responsible for its own acts under this memorandum of understanding and shall not be liable for any civil liability that may arise from the acts of any other party.

Section 6.

The parties to this memorandum of understanding do not intend for any third party to obtain a right or benefit by virtue of this memorandum of understanding.

Section 7.

By entering into this memorandum of understanding, the parties do not intend to create any obligations expressed or implied other than those set out herein; further, this memorandum of understanding shall not create any rights in any party not a signatory hereto.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

Signature Page

IN WITNESS WHEREOF, the parties have executed this memorandum of understanding by the signatures of the duly authorized representative of each participating agency.

David Prater, Oklahoma County District Attorney

Date

Chief Executive Officer Name: _____

Address: _____

Title: _____

Signature of Chief Executive Officer: _____

The Chief Executive Officer is the person with official signature authority to make financial and programmatic commitments on behalf of the Subrecipient. The Chief Executive Officer must be a mayor, city manager, or chairperson of the Board of County Commissioners.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

Signature Page

IN WITNESS WHEREOF, the parties have executed this memorandum of understanding by the signatures of the duly authorized representative of each participating agency.

Wade Gourley, Oklahoma City Police Chief

Date

Chief Executive Officer Name: _____

Address: _____

Title: _____

Signature of Chief Executive Officer: _____

The Chief Executive Officer is the person with official signature authority to make financial and programmatic commitments on behalf of the Subrecipient. The Chief Executive Officer must be a mayor, city manager, or chairperson of the Board of County Commissioners.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

Signature Page

IN WITNESS WHEREOF, the parties have executed this memorandum of understanding by the signatures of the duly authorized representative of each participating agency.

Steven Robinson, Del City Police Chief

Date

Chief Executive Officer Name: _____

Address: _____

Title: _____

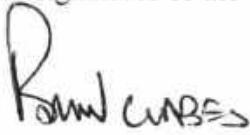
Signature of Chief Executive Officer: _____

The Chief Executive Officer is the person with official signature authority to make financial and programmatic commitments on behalf of the Subrecipient. The Chief Executive Officer must be a mayor, city manager, or chairperson of the Board of County Commissioners.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

Signature Page

IN WITNESS WHEREOF, the parties have executed this memorandum of understanding by the signatures of the duly authorized representative of each participating agency.



Brandon Clabes, Midwest City Police Chief

7/20/2020


Date

Chief Executive Officer Name: Tim Lyon

Address: 100 N Midwest Boulevard Midwest City, OK 73110

Title: City Manager

Signature of Chief Executive Officer: _____



The Chief Executive Officer is the person with official signature authority to make financial and programmatic commitments on behalf of the Subrecipient. The Chief Executive Officer must be a mayor, city manager, or chairperson of the Board of County Commissioners.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**

Signature Page

IN WITNESS WHEREOF, the parties have executed this memorandum of understanding by the signatures of the duly authorized representative of each participating agency.

JD Younger, Edmond City Police Chief

Date

Chief Executive Officer Name: _____

Address: _____

Title: _____

Signature of Chief Executive Officer: _____

The Chief Executive Officer is the person with official signature authority to make financial and programmatic commitments on behalf of the Subrecipient. The Chief Executive Officer must be a mayor, city manager, or chairperson of the Board of County Commissioners.

**MEMORANDUM OF UNDERSTANDING
BETWEEN THE CITY OF OKLAHOMA CITY, DEL CITY, EDMOND,
MIDWEST CITY, AND OKLAHOMA COUNTY.**



City of Midwest City Police Department

100 N. Midwest Boulevard

Midwest City, OK 73110

Office 405.739.1320

Fax 405.739.1398

MEMORANDUM

TO: Honorable Mayor and Council

FROM: Brandon Clabes, Chief of Police

DATE: August 25, 2020

SUBJECT: Discussion and consideration of renewing the Correctional Communications Services Agreement with City Tele-Coin Company, Inc. to provide inmate pay telephone services at the Midwest City Police Department Jail facility for fiscal year 2020-21.

The Midwest City Police Department requests the Council renew the current agreement with City Tele-Coin Company, Inc. to provide inmate pay telephone services at the Midwest City Police Department Jail facility. The terms of the agreement shall be from July 1, 2020 through June 30, 2021.

In consideration of Midwest City Police Department providing space to City Tele-Coin Company for inmate telephone equipment and software, City Tele-Coin Company will compensate the City of Midwest City by paying a commission of fifty-two percent (52%) of all Usage Revenue generated through Traditional Collect, Prepaid Collect and Prepaid Inmate Calling Card telephone traffic (local, intraLATA, interLATA and Interstate) originating from the facility managed by the Midwest City Police Department. City Tele-Coin Company will pay all commissions on a monthly basis along with a monthly report of all monies. City Tele-Coin Company will provide this service and equipment at no cost to the City of Midwest City.

Staff recommends approval.

Brandon Clabes
Chief of Police

Attachment: Proposed Agreement

CORRECTIONAL COMMUNICATIONS SERVICES AGREEMENT

Made on this, the _____ day of _____, 2020, by and between these parties:

City Tele-Coin Company, Inc. (hereinafter referred to as “**CITY**”), and

Midwest City Police Department (hereinafter referred to as “**MIDWEST**”)

WHEREAS, MIDWEST has requested **CITY** to perform the services hereinafter described and **CITY** has agreed to perform such services, subject to the terms and conditions hereinafter set out:

NOW IN CONSIDERATION of the payment of fees provided hereinafter and other terms and conditions hereinafter set out, **MIDWEST** and **CITY** hereby agree:

(A) THE WORK

MIDWEST agrees that it is the manager of the locations listed directly hereunder in *Section A.1 - Locations*, and that said locations require inmate telecommunication services, and that said telecommunications services are to include all local, *interLATA*, *intraLATA*, and interstate telephone services. **CITY** shall install, service, and maintain inmate telephone services using methods consistent with sound, generally recognized practices ordinarily associated with the type of work to be performed, to include all existing and future facilities under the management of **MIDWEST**. **CITY** will be responsible for any and all local, long distance, and equipment charges. **CITY** shall remit to **MIDWEST** its portion of the revenues as set out herein below.

(1) LOCATIONS

- (a) Midwest City Jail**
100 North Midwest Boulevard
Midwest City, Oklahoma 73110

--- REMAINDER OF PAGE LEFT BLANK ON PURPOSE ---

(B) COMMISSIONS

As to any inmate phone that is located within those locations listed in Section A.1 whereby service to that phone is being provided by **CITY** successive of cut-over, revenue shall be deemed commissionable and henceforth payable by **CITY** to **MIDWEST** commencing with the exact point in time in which the first billable or prepaid call has been initiated from that phone; moreover, such revenue shall remain commissionable and payable on any such phone until service to that phone has been reassigned through contractual reassignment.

- (1) **CITY** shall remit to **MIDWEST** **52% (Fifty-Two Percent)** of all **Usage Revenue** generated through **Gross Collect and Direct Pay** telephone traffic (local, intraLATA, interLATA, and interstate) originating from the facility managed by **MIDWEST**, as listed in Section A "The Work" and processed by **CITY's** call processing system. **CITY** shall issue to **MIDWEST**, a Purchase Discount of **52% (Fifty-Two Percent)** on **Prepaid Inmate Calling Cards** at any time a purchase is made by **MIDWEST**, revenue arising from the sale of Prepaid Inmate Calling Cards, sold by the facility, shall not be paid commission based on Billable Usage Revenue. Billable Usage Revenue is defined as Gross Revenue minus all applicable state, County, city, and/or federal taxes, and all fees applicable by law. **CITY** will pay all said commissions on a monthly basis along with a monthly report of all said monies.
- (2) **Remittance and Acceptance** – Remittance of commissions shall commence Twenty (20) Days after installation of equipment. Furthermore, **CITY** shall remit commission payments to **MIDWEST** on a monthly basis on or around the 20th day of each month. Any objection to a commission payment shall be brought to the attention of **CITY** by way of written notice by **MIDWEST** and shall be made within 30 days after receiving said commission payment. **Acceptance** of said commission payment shall be final and binding if no objections are brought forth after 30 days after receipt thereof.
- (3) **Adverse Conditions** – At any time while this contract is in force and effect, should the Oklahoma Corporation Commission, the Federal Communications Commission, or any other governmental or regulatory agency that has legal authority over inmate telecommunications, change rates or impose restrictions or otherwise modify any rules or regulations under which inmate telecommunications are currently operating, so that such changes, restrictions, or modifications affect inmate telephone traffic in a way that causes **MIDWEST'S** generated revenue from such traffic to be adversely affected, then both parties agree to work together toward the benefit of each other and may renegotiate the terms of this agreement temporarily or permanently.

(C) TERMS

The initial term of this contract shall be for a period of Twelve (12) months, with the initial term beginning date being **July 1, 2020**. The initial term completion date shall be **June 30, 2021**. Both parties, at their option, have the right to renew or cancel this contract, without cause, by complying exactly with the following procedure. A party desiring to cancel this contract shall give written notice of its intent to cancel by sending notice by certified mail, return receipt, to the address for the other party shown in Paragraph "I" of this contract, proper postage attached. This notice to cancel shall, and must, be mailed and therefore postmarked Ninety (90) days prior to the initial term completion date of June 30, 2021. Should neither party provide the required mandatory notice as set out hereinabove, this contract shall continue automatically on a month to month basis.

(D) ASSIGNMENT

With reasonable notice to **MIDWEST**, **CITY's** interest in and to this service agreement may be transferred or assigned, at the discretion of **CITY**, to any banking or financial institution to provide the financial requirements needed to provide the equipment and services listed in this agreement, or any other legal entity.

--- REMAINDER OF PAGE LEFT BLANK ON PURPOSE ---

(E) EQUIPMENT

CITY agrees to provide for **MIDWEST** adequate equipment with the ability to perform monitoring, recording, and cutoff switches. **CITY** has the right, and maintains the right, to remove or relocate any telephone equipment, from any location which is the subject of and governed by the terms of this agreement that **CITY**, in its sole and absolute discretion, determines is not economically profitable. The removal or relocation of the equipment shall not be undertaken until **MIDWEST** is given ten (10) days written notice of **CITY**'s intent to remove said equipment. The removal of equipment under terms herein shall in no way create or constitute a default of the terms of this contract. **CITY** agrees that upon removal or relocation of equipment it will restore the site where said equipment was removed from to its original condition. This excludes ordinary wear and tear, any condition(s) resulting from prior material, and any condition(s) resulting from actions of individuals other than employees or agents of **CITY**. **CITY** agrees to install and maintain at least the minimum number of coin-less inmate telephones as needed at the facility and/or as many as requested by **MIDWEST**, subject to industry standards.

(F) OBLIGATIONS OF MIDWEST

MIDWEST agrees to undertake and perform the following: (i) Protect the equipment from abuse and report any damage(s), service problem(s), and/or hazardous condition(s) to **CITY**; (ii) Provide all necessary power and space for proper installation and maintenance of the equipment; (iii) Provide safe and secure access to the equipment by **CITY** and its employees or agents as needed by **CITY**; (iv) Allow **CITY** to affix signs to the equipment, as required by law. Said signs are to be furnished by **CITY**, and **MIDWEST** will not allow any other signs, equipment or information to be affixed to the equipment or in the immediate area unless mutually agreed to by both parties.

(G) DEFAULT

In the event either party fails to perform one of its obligations under this agreement **(i) by defaulting on a payment due; (ii) by non-performance or by interfering with the other party's performance or ability to perform; or (iii) through inability to perform their obligations under this agreement**, and such default or failure continues for more than ten (10) days after the non-defaulting party shall have given the defaulting party written notice specifying such default and demanding that the default be remedied or, in the case of any such default which cannot be remedied with ten (10) days, if defaulting party fails to proceed promptly to remedy any such default receiving such notice, **(iv) or if either party shall make voluntary assignment in bankruptcy or proposal to its creditors or take any similar action or if any bankruptcy, reorganization, proposal, insolvency, receivership, or similar proceeding is instituted against either party hereto or involving substantially all of its property and, in the case of such proceeding instituted against such party and not consented to by such party, such proceeding is not discontinued or dismissed with thirty (30) days from the date of its commencement**, then the non-defaulting party may terminate this Agreement by giving written notice to the defaulting party. No failure of either party hereto to enforce any remedy available to it or delay of such party shall be considered to prohibit such party from enforcing any such remedy. The rights and remedies of the parties hereto contained in this Agreement shall not be exclusive but shall be cumulative, in addition to all other rights and remedies existing at law or in equity available to the parties hereto.

(H) GOVERNING LAW

This Agreement and the rights and obligations of **MIDWEST** and **CITY** hereunder shall be subject to and interpreted in accordance with the laws of the State of Oklahoma.

(I) NOTICES

Notices or other communications required to be given under this agreement shall be in writing and may be delivered by courier or prepaid certified mail and addressed as follows:

TO MIDWEST: Midwest City Police Department

Attn: Chief Brandon Clabes
100 North Midwest Boulevard
Midwest City, Oklahoma 74834

(PH) 405-739-1302

(FX) 405-739-1398

TO CITY: City Tele-Coin Company, Inc.

Attn: Jerry Juneau, Sr.
4501 Marlena Street
Bossier City, Louisiana 71111

(PH) 318-746-1114 or 800-682-0707

(FX) 318-746-1214

(J) EQUIPMENT OWNERSHIP

MIDWEST acknowledges and agrees that **CITY** shall remain the sole and exclusive owner of all inmate telephone equipment, from the interface to, and including, the telephone.

(K) REPAIR SERVICE

CITY shall provide reasonable response time for repairs Monday through Friday, 9 a.m. to 5 p.m. **CITY** shall respond within 24 hours after receipt of verbal notice, email notice, or facsimile notice, as set out herein below, except where it is impossible to restore the service due to acts beyond the control of **CITY** such as riot, fire, war, flood, parts unavailability, and strike.

- (i) Verbal Notice.....318-629-0760
- (ii) Facsimile Notice.....318-746-1214
- (iii) E-Mail Noticesupport@citytelecoin.com
- (iv) Emergency or Weekends318-588-7094 or 318-629-0760

(L) PREPAID CALLING CARDS

Prepaid calling cards will be provided to **MIDWEST** to be used for resale to inmates at **MIDWEST** only. The prepaid cards provided will not be subject to return or refund. Calling cards are subject to any applicable per charge surcharge fee together with all federal, state, and local taxes. All calling cards with be honored beginning with their first use or sale. Should you desire a third-party commissary operator to handle the prepaid calling card purchases for your facility, we will work with said commissary operator to facilitate the sale of calling cards to you. It is your obligation to notify **CITY** in writing as to the name of the commissary operator you wish to use for the sale of the cards to you. The change to commissary operative will become effective upon our receipt of your notice to change. The change to a commissary operative will not affect your liability for the cost of the cards. You will remain primarily liable for said cost of purchase.

CITY shall invoice you for each of your orders for calling cards. All applicable sales taxes and other charges, including to shipping and handling, will be included in said invoice. You specifically agree to pay said invoice within thirty (30) days of your receipt of your order. Should you provide **CITY** with a Sales and Use Tax Resale Certificate wherein you take responsibility for, and assume the sole liability for, charging and collecting applicable taxes from the end users, and for remitting said taxes to the proper taxing authority, **CITY** will not charge the sales taxes on the purchase invoice submitted to you upon purchase of the prepaid calling cards.

MIDWEST acknowledges that the prepaid calling cards invoice may be subject to a discount as agreed by the parties. The sales invoice will show the face value of the cards less the discount, if any, together with sales tax, shipping and handling charges and will be due and payable thirty (30) days after receipt of **MIDWEST's** order. Should the invoice amount not be paid within the thirty (30) day period, you specifically authorize **CITY** to deduct the balance due from any earned commissions which you may have coming due from **CITY**. It is understood that sales taxes will be charged unless a valid reseller's certificate is received by **CITY** prior to the time of sale.

--- REMAINDER OF PAGE LEFT BLANK ON PURPOSE ---

(M) EXCLUSIVITY PROVISION

MIDWEST hereby states and affirms that **CITY** shall, during the terms of this agreement and any rollover term, be the exclusive sole provider of any and all inmate telecommunications systems, including but not limited to inmate telephone systems, video visitation systems, messaging, texting, arraignment systems, and any and all other Apps or systems which can be provided by **CITY** by wired or wireless devices.

(N) ENTIRE AGREEMENT

This agreement constitutes the entire agreement between the parties and may be modified or amended only by written agreement signed by both parties.

(O) SEVERABILITY

If any term, sentence, paragraph, or provision of this agreement or the application thereof, be deemed invalid or unenforceable, the remaining terms, sentences, paragraphs, and provisions shall not be affected and shall remain valid and enforceable to the maximum extent allowed by law and the terms of this agreement.

THUS DONE AND SIGNED on this _____ day of _____, 2020.

Midwest City Police Department

By: _____
Signature

Brandon Clabes

Print Name

Chief

Title

Midwest City Oklahoma

By: _____
Signature

Print Name

Title

THUS DONE AND SIGNED on this _____ day of _____, 2020.

City Tele-Coin Company, Inc.

By: _____
Signature

Gerald L. Juneau

Print Name

President & CEO

Title



CITY of MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

Billy Harless, Community Development Director
Brandon Bundy, P.E., City Engineer

ENGINEERING DIVISION
Brandon Bundy, P.E., City Engineer
CURRENT PLANNING DIVISION
Kelly Gilles, Manager
COMPREHENSIVE PLANNER
Petya Stefanoff, Comprehensive Planner
BUILDING INSPECTION DIVISION
Christine Brakefield, Building Official
GIS DIVISION
Greg Hakman, GIS Coordinator

TO : Honorable Mayor and Council

FROM : Brandon Bundy, P.E., City Engineer

DATE : August 25th, 2020

SUBJECT : Discussion and consideration of entering into and approving an Agreement for Professional Services with Lee Engineering LLC in the amount of \$67,500 to provide construction plans for upgrading four signals and replacing school zone flashers city-wide.

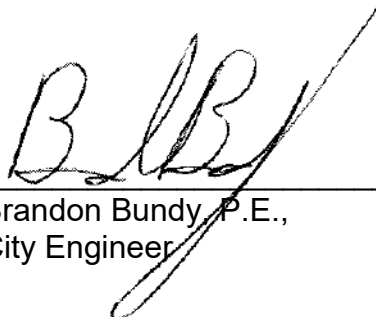
The City has negotiated with Lee Engineering LLC in regards to preparing construction plans for upgrading four signals and replacing school zone flashers city-wide. This project was awarded federal funds for the federal FY 2020-2021 fiscal year. Construction funds for this project are 100% federally funded in the amount of \$772,500.

Construction will be advertised, let, and inspected by Oklahoma Department of Transportation. Work is expected to begin in late Summer 2021.

This contract will be funded with already budgeted funds in project #092106.

I am available for any additional questions.

Staff recommends approval.



Brandon Bundy, P.E.,
City Engineer

Attachment

City of Midwest City
Signal Upgrade, Phase 3
Oklahoma Department of Transportation

EXHIBIT “A” – SCOPE OF SERVICES

SECTION 1 – GENERAL PROJECT SCOPE

The CONSULTANT shall provide the necessary and appropriate engineering and technical services to design and provide construction plans for the replacement of 21 school zone flashers across the city and upgrade of four signals located at Air Depot Blvd and NE 10th Street; Air Depot Blvd and NE 23rd Street; Midwest Blvd and NE 23rd Street; and Douglas Blvd and Wonga Drive to meet current ADA standards. Signal modifications at the intersections shall include upgrades to video detection, GPS emergency pre-emption, signal heads, striping, pedestrian push buttons, and luminaires. In addition to design, the CONSULTANT shall submit required NEPA documentation to ODOT and respond to all requests for information. The CONSULTANT shall be responsible to hold a utility coordination meeting and discuss any conflicts and mitigation measures. If utility relocation is required, plans will be developed through a supplement to this contract.

The design services will include topographic and control survey, school zone flasher evaluation and design, ADA improvements at four intersections including ramps, landings, sidewalks, pedestrian, and signal modifications, signing and striping plans, and traffic control plans to allow construction under existing traffic. It is anticipated that this project will be constructed as a single construction project and will be let through the ODOT system.

1. BASIC SERVICES

1.1 GENERAL. The CONSULTANT's scope of work in conjunction with the project is anticipated to include the following activities:

- 1.1.1 Performance of a DETAILED TOPOGRAPHIC SURVEY to locate all adjacent property lines, fences, trees and other pertinent physical features at the four intersection improvement locations. All school zone flasher design plans will be developed on latest available aerials and are not intended to be surveyed.
- 1.1.2 Provide a COST ESTIMATE.
- 1.1.3 Provide all necessary right-of-way parcel plots and acquisition documents.
- 1.1.4 Furnish construction plans to each utility company as necessary to coordinate utility relocation with project construction.
- 1.1.5 Provide the necessary and appropriate engineering and technical services

to design school zone flasher replacements and intersection improvements.

- 1.1.6 Preparation of PRELIMINARY and FINAL CONSTRUCTION PLANS in accordance with ODOT requirements for same.
- 1.1.7 Provide all necessary plans for submission to state and federal agencies pursuant to applications for federal funding for the project.
- 1.1.8 Provide to OWNER digital copies of all final construction drawings in a format compatible with AutoCAD. Record drawings will be provided in PDF format.
- 1.1.9 Provide assistance to the OWNER and ODOT during project construction.
- 1.1.10 Obtain OWNER and ODOT approval of plans, including procedures for all ODOT requirements such as reviews, etc.
- 1.1.11 Meet with OWNER and ODOT Staff as necessary.

1.2 TASK 1 – TOPOGRAPHIC SURVEY

- 1.2.1 General Scope - The scope of this project is to develop a topographical survey for traffic signal and ADA improvements at the intersections of Air Depot Blvd and NE 10th Street; Air Depot Blvd and NE 23rd Street; Midwest Blvd and NE 23rd Street; and Douglas Blvd and Wonga Drive.
- 1.2.2 Survey extents for each site shall be approximately 150-ft along the centerline of each intersection from right-of-way to right-of-way.
- 1.2.3 Field survey within survey extents of topographic features including buildings, roads, railroads, drainage features, bridges, culverts, fences, driveways, poles, edge of tree groupings, fire hydrants, manholes, catch basins, existing utilities, pavement markings, and signage, etc.
- 1.2.4 Horizontal control, vertical control, and land ties according to Oklahoma State Plane coordinate system. Project horizontal datum will be NAD83 projected on Oklahoma State Plan Coordinates North Zone. Establish control using known primary control points or benchmarks. Permanent control points will be set outside of the limits of construction and shall be 5/8-in rebar with plastic cap.
- 1.2.5 OKIE will be contacted to have utilities marked. All visible above ground utility structures will be located including sanitary and storm sewer pipe inverts, sizes and directions, water valves and water valve top of nut.
- 1.2.6 Set and identify two (2) benchmarks for vertical control.

1.2.7 Research and secure property ownerships, right-of-way, and easements

1.2.8 All survey shall be drawn in AutoCAD.

1.3 TASK 2 – PRELIMINARY PLANS

1.3.1 This task includes the initial work required to begin the project along with preparation of the preliminary plans (30%). Detailed scope items are as follows:

1.3.2 Obtain and review existing plans, aerials, GIS information, traffic information, utility information, plat and property information.

1.3.3 Perform field investigation to identify/review existing conditions and to identify detailed scope of possible reuse of existing school zone flasher footings.

1.3.4 Provide detailed preliminary construction cost estimates and provide the OWNER with specifications for recommended school zone flasher type and vendor.

1.3.5 Develop preliminary design plans (30%) for the project with sufficient information to satisfy ODOT criteria required to obtain Federal funding. These preliminary plans would be developed for submittal and review of the OWNER and ODOT. Preliminary (30%) Plans shall include the following sheets:

- Title Sheet
- Pay Items, Quantities and Notes
- Typical Sections
- School Zone Flasher Layouts
- Traffic Signal Layouts

1.3.6 After receipt of preliminary plan review comments, develop plan-in-hand design plans (60%) for submittal to the OWNER and ODOT for review. Plan-In-Hand Design Plans (60%) shall include the following sheets in addition to those previously prepared during the Preliminary (30%) Plans stage:

- Signing and Striping Plans
- Traffic Signal Design Tables
- Intersection Geometric Layouts

1.4 TASK 3 – FINAL PLANS

- 1.4.1 This task includes the work required to complete final design plans and specifications for construction plans. Detailed scope items are as follows:
- 1.4.2 Hold a plan-in-hand field meeting with OWNER and ODOT staff to discuss specific issues with the preliminary plans and detail how to proceed with final plans.
- 1.4.3 Prepare Right-of-Way Plan Submittal (65%) with legal descriptions for affected properties to be submitted to the OWNER for processing and acquisition.
- 1.4.4 Provide utility coordination for all public and private utilities in conflict with the project improvements. Coordinate and hold utility meeting. Send project plans to all utility companies within the corridor.
- 1.4.5 Prepare final detailed construction estimates based on the final plans.
- 1.4.6 Develop final design plans and specifications for a single construction contract. The final design plans will have sufficient information to satisfy ODOT criteria required to obtain Federal funding. These final design plans would be developed for submittal to the OWNER and ODOT for review.
- 1.4.7 Final Review Plans (90%) shall include the following sheets, in addition to the sheets prepared in the preliminary design phase.
 - Cross Sections
 - Sheet Layout Map
 - Summary Sheets
 - Erosion Control Plan and SWPPP
 - Traffic Signal Wiring Diagram
 - Traffic Signal Phasing & Sequencing Diagram
 - Traffic Signal Timing and Details
 - Traffic Control Sheet
 - Miscellaneous Details
 - Standard Details
- 1.4.8 Prepare and submit Final Signed and Sealed Plans (100%) with Final Review plan comments incorporated. ODOT ProjectWise requirements will be met for final plan submission.
- 1.4.9 Bid Services including attendance at the ODOT Pre-Bid meeting, review of bidder's questions, and preparation of addendum, if necessary, prior to bid opening. This task would provide for bidding services for a single construction contract.

1.5 TASK 4 – CONSTRUCTION REPRESENTATION


- 1.5.1 This task includes the work required to perform the construction representation for a single construction contract. This task will allow time for the CONSULTANT to monitor the progress of the project and make recommendations to the OWNER. Detailed scope items are as follows:
- 1.5.2 Attend a Pre-Construction meeting with the successful CONTRACTOR.
- 1.5.3 Act as a representative for the OWNER regarding requests for information and attend the Final Inspection.
- 1.5.4 Attend construction site meetings at the request of the OWNER and/or ODOT as a representative of the OWNER during construction.

1.6 TASK 5 – RECORD DRAWINGS

- 1.6.1 This task includes the work required to obtain field changes and prepare record drawings. Detailed scope items are as follows:
- 1.6.2 Obtain field change data in the form of final plan mark-ups and field notes in regard to school zone flasher locations, signal modifications, and ADA improvements from ODOT and the CONTRACTOR.
- 1.6.3 Incorporate the information provided by ODOT and the CONTRACTOR into the project drawings to be submitted as Record Drawings. Drawings will be submitted to the OWNER and ODOT in PDF format.

Thank you for the opportunity to submit this scope and fee proposal for the City of Midwest City Signal Upgrade, Phase 3. We look forward to working with you on this project. If you have any questions or need additional information please contact Esther M. Shaw-Smith in our Oklahoma City office at eshaw@lee-eng.com or (405) 384-5127.

Sincerely,

 Digitally signed by Dharmesh Shah, PE,
PTOE
DN: cn=Dharmesh Shah, PE, PTOE,
o=Lee Engineering, LLC, ou,
email=dshah@lee-eng.com, c=US
Date: 2020.08.10 19:01:30 -05'00'

Dharmesh Shah, P.E., PTOE
Vice-President

EXHIBIT “B” – COMPENSATION

Under the terms of this Contact, the CONSULTANT agrees to perform the work and services described in this Contract. ODOT agrees, in accordance with the limitations and conditions set forth in the Contract, to pay an amount not to exceed \$67,500 for Basic Services as specifically set forth in this Exhibit B.

Compensation for basic services may not exceed \$67,500 and in no event may the CONSULTANT receive compensation in excess of the amount listed for each task for performance of its basic services.

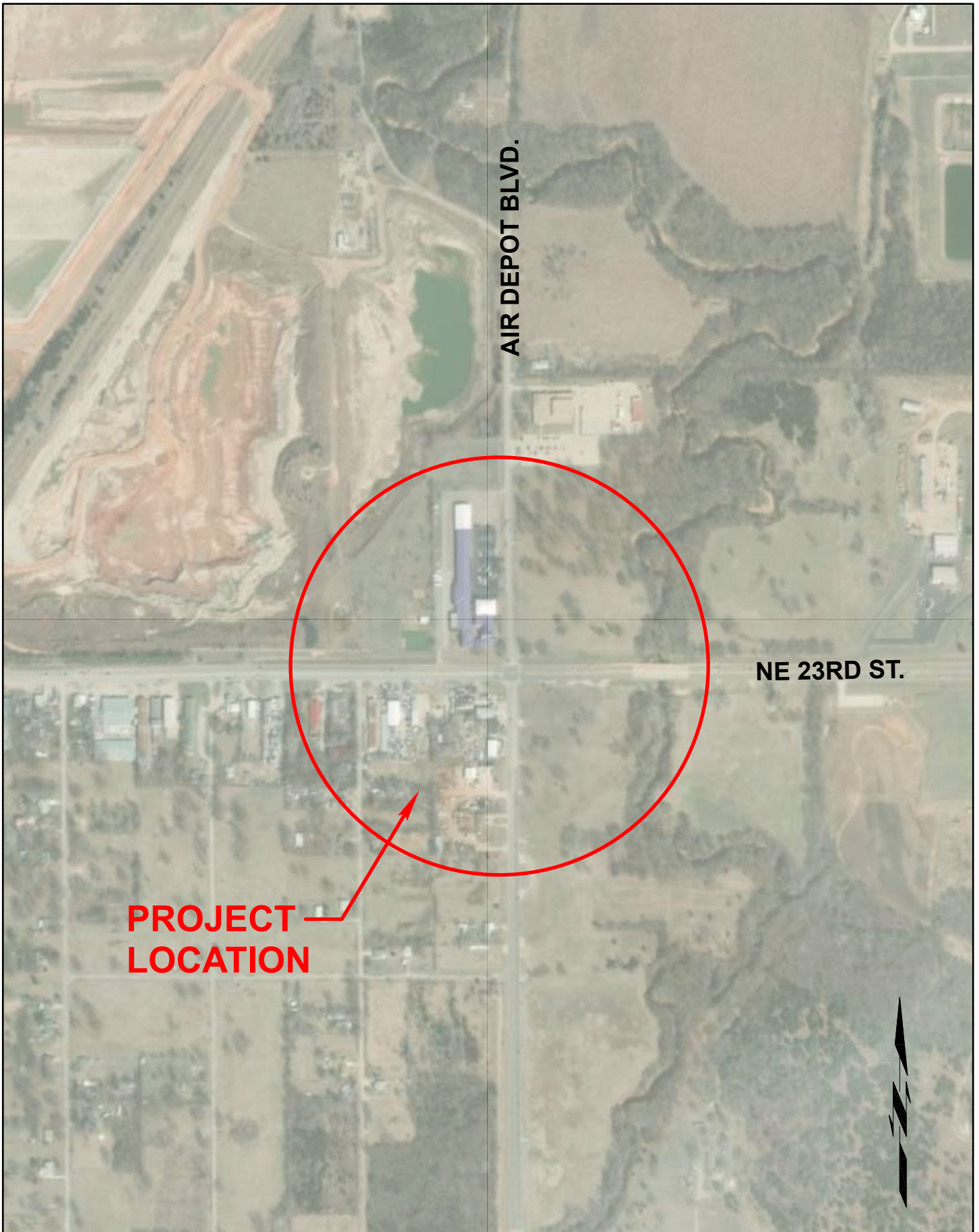
The CONSULTANT may receive up to the following amounts of the not to exceed amounts for services rendered upon the completion of the following tasks. Partial payments of the not to exceed amounts for each task may be invoiced for incremental work completed.

Task 1 an amount not to exceed:	<u>\$8,500.00</u> Completion and submittal of the field surveys.
Task 2 an amount not to exceed:	<u>\$27,600.00</u> Completion and submittal of the preliminary plans
Task 3 an amount not to exceed:	<u>\$27,600.00</u> Completion and submittal of the final construction plans in accordance with ODOT standards.
Task 4 an amount not to exceed:	<u>\$2,100.00</u> Completion of the Construction Representation.
Task 5 an amount not to exceed:	<u>\$1,500.00</u> Completion and submittal of the Record Drawings.
Direct Costs an amount not to exceed:	<u>\$200.00</u> Direct Non-Payroll Costs including Reproduction and Mileage.

ATTACHMENT "A1"



ATTACHMENT "A2"



ATTACHMENT "A3"



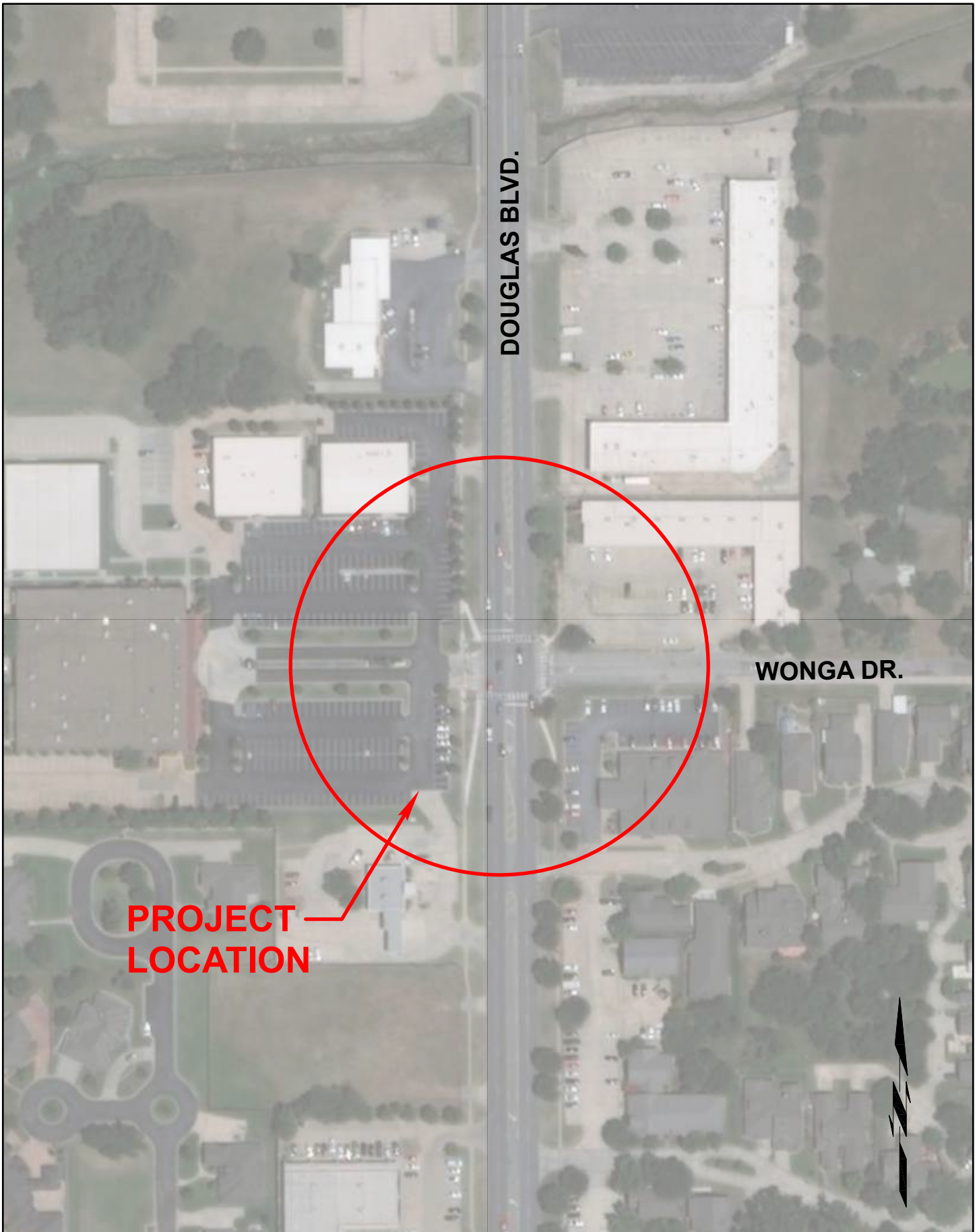
MIDWEST BLVD.

NE 23RD ST.

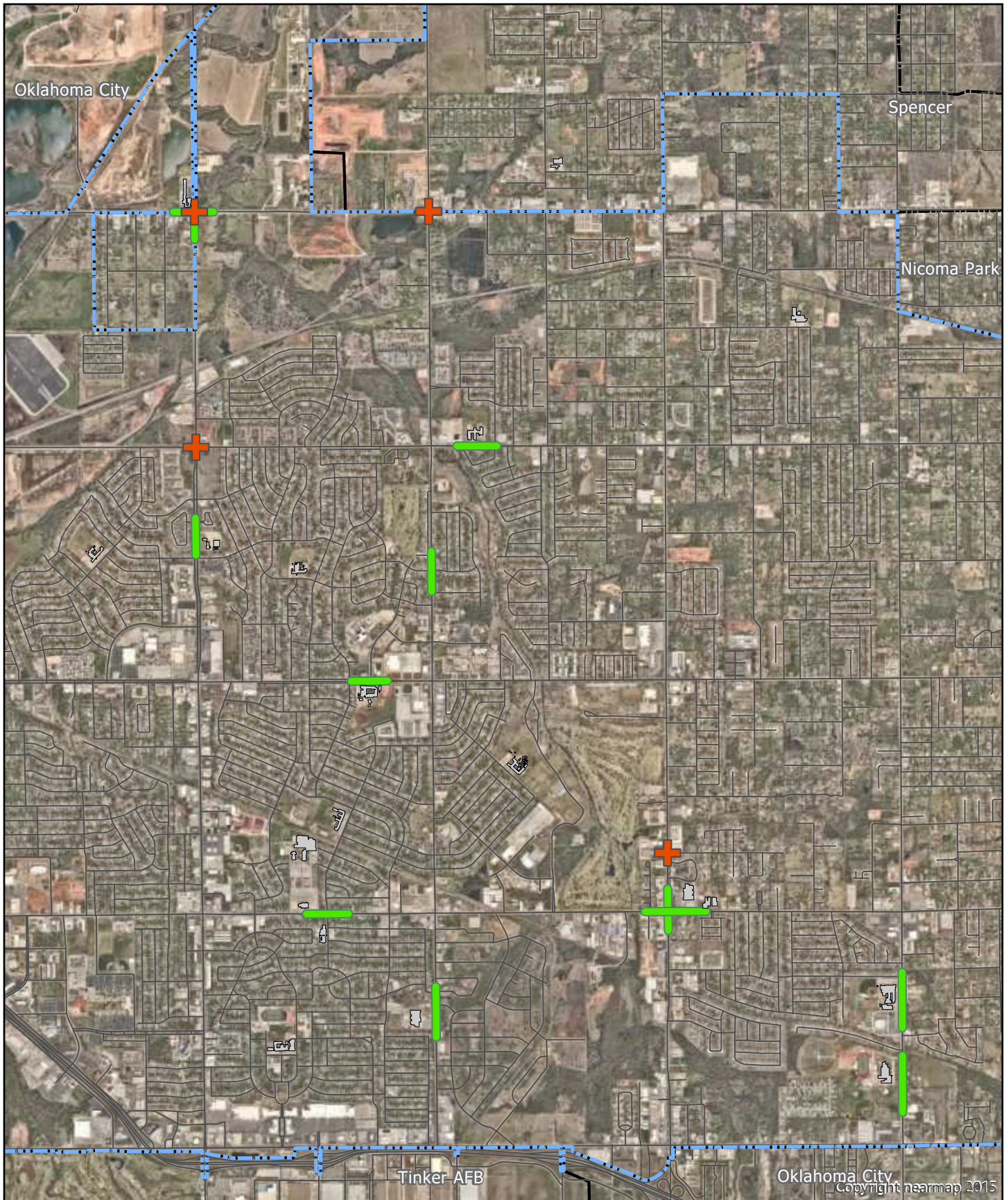
**PROJECT
LOCATION**





ATTACHMENT "A4"



School Zone Flashers & Signals to be Upgraded



-  Signals
-  School Zones
-  MWC City Limits



1 in = 3,000 ft
when printed actual size
on 8-1/2"x11" paper

DISCLAIMER

This map is a general information public resource. The City of Midwest City makes no warranty, representation or guarantee as to the content, accuracy, timeliness or completeness of any of the information provided on this map. Any party's use or reliance on this map, or any information on it, is at that party's own risk and without liability to the City of Midwest City, its officials or its employees for any discrepancies, errors or variances that may exist.



The City of
MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT

Billy Harless, Community Development Director

ENGINEERING DIVISION
Brandon Bundy, City Engineer
CURRENT PLANNING DIVISION
Kellie Gilles, Manager
COMPREHENSIVE PLANNING
Petya Stefanoff, Comprehensive Planner
BUILDING INSPECTION DIVISION
Christine Brakefield, Building Official
GIS DIVISION
Greg Hakman, GIS Coordinator

To: Honorable Mayor and City Council

From: Billy Harless, Community Development Director

Date: August 25, 2020

Subject: Discussion and consideration of reappointing Jim Smith and Jim Campbell to the Planning Commission for additional three-year terms.

The terms of Jim Smith and Jim Campbell expired August 11, 2020. Both wish to be considered for reappointment.

In accordance with Section 6.2.2(B) of the Zoning Ordinance, the members shall be nominated by the Mayor and confirmed by the City Council.

The Planning Commission meets on the first Tuesday of each month. Members of the Commission serve 3-year terms and are as follows:

Dean Hinton
Jess Huskey
Russell Smith
Dee Collins
Jim Smith
Jim Campbell
Rick Dawkins

Billy Harless, AICP
Community Development Director

KG



Public Works Administration

R. Paul Streets, Director
pstreets@midwestcityok.org
405-739-1061

Patrick Menefee, Assistant Director
pmenefee@midwestcityok.org
405-739-1062
8730 S.E. 15th Street,
Midwest City, Oklahoma 73110

To: Honorable Mayor and Council

From: Patrick Menefee, P.E., Public Works City Engineer

Date: August 25th, 2020

Subject: Discussion and consideration of appointing Marcus Hayes and Shane Barker to the Midwest City Traffic and Safety Commission each for a two-year term to end on August 23, 2022.

The Traffic and Safety Commission currently has two vacant commissioner positions.

The Mayor petitioned the Councilmembers who did not have representation on the Commission for nominees.

Councilmember Christine C. Price Allen has nominated Mr. Marcus Hayes and Councilmember Sean Reed has nominated Mr. Shane Barker. The Mayor approves of these nominations.

Action is at the discretion of the Council.

A handwritten signature in black ink, appearing to read "Patrick Menefee", written over a horizontal line.

Patrick Menefee, P.E.,
Public Works City Engineer



City of Midwest City Police Department

100 N. Midwest Boulevard

Midwest City, OK 73110

Office 405.739.1320

Fax 405.739.1398

Memorandum

TO: Honorable Mayor and City Council

FROM: Brandon Clabes, Chief of Police

DATE: August 25, 2020

SUBJECT: Discussion and consideration of declaring (2) Chevy Impalas and (2) Ford Interceptors as surplus and authorizing disposal by public auction, sealed bid or other means necessary.

The items identified are property that the Midwest City Police Department no longer needs or uses and have been removed from service. Staff recommends that these items be declared surplus. None of these items are estimated to have a value or sell for \$10,000.00 or more.

Items for surplus:

060032 - 2003 Chevy Impala

060037 - 2004 Chevy Impala

0601106 – 2000 Ford Interceptor

0601109 – 2000 Ford Interceptor

Auction services are provided to the City by:

1. www.ebay.com
2. www.govdeals.com
3. www.pulicsurplus.com

Staff recommends approval.

Brandon Clabes, Chief of Police

Attachment: Surplus List

City of Midwest City
Equipment Id List

Equipment	Chassis Serial#	License	DEPARTMENT	Primary Meter Reading
060032 - 2003 CHEVY IMPALA	2G1WF55K939307296	OK - CI22795	POLICE	108,312 Miles
060037 - 2004 CHEVY IMPALA	2G1WF55K549306826	OK - CI34147	POLICE	100,854 Miles
0601106 - 2000 FORD INTERCEPTOR	2FAFP71W5YX165322	OK - CI34149	POLICE	129,924 Miles
0601109 - 2000 FORD INTERCEPTOR	2FAFP71W2YX165326	OK - CI34150	POLICE	127,466 Miles
Total	4 Equipment			



MEMO

To: Honorable Mayor and City Council

From: Bert Norton, Fire Chief

Date: August 25, 2020

Subject: Discussion and consideration of declaring (3) positive pressure ventilation fans, (1) generator, (1) Hypres Equipment, (1) hose tester, (14) hose intakes, (1) interior rear seat, (1) public education safety trailer, as surplus and authorizing disposal by public auction, sealed bid or other means as necessary.

Staff respectfully requests that the Council declare items listed below, as surplus. There is no further use for the fire department.

- (1) - 07-00-10 Gas powered Positive Pressure Ventilation Fan (fair condition)
- (1) - 07-00-54 Gas powered Positive Pressure Ventilation Fan (fair condition)
- (1) - 07-00-55 Gas powered Positive Pressure Ventilation Fan (fair condition)
- (1) - 07-00-14 Kawasaki KZ-5000 Generator (operating condition unknown)
- (1) - **ONLY the Hypres Equipment 4500 psi:** 2 bank SCBA fill station with control panel for 4 cylinder cascade storage from the 07-10-03 Hazmat Trailer (items have been upgraded and replaced with a trailer mounted fill station from the 2018 GO Bond)
- (1) - 07-10-01 2010 Scotty 35Bleacher Safety Education Trailer (replaced with large inflatable public education safety house)
- (1) - **ONLY the Interior rear seats** from the 07-02-08 Fire Shift Commander Vehicle/2020 Chevrolet Suburban) (upfitting of interior)
- (1) - 2.5" hose tester / 4 outlet (items being updated)
- (14) - Harrington 4" Large Diameter Hose intakes (items being updated)

Staff recommends approval.



Bert Norton Fire Chief



DISCUSSION ITEMS





The City of
MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT

Billy Harless, Community Development Director

ENGINEERING DIVISION
Brandon Bundy, City Engineer
CURRENT PLANNING DIVISION
Kellie Gilles, Manager
COMPREHENSIVE PLANNING
Petya Stefanoff, Comprehensive Planner
BUILDING INSPECTION DIVISION
Christine Brakefield, Building Official
GIS DIVISION
Greg Hakman, GIS Coordinator

To: Honorable Mayor and City Council

From: Billy Harless, Community Development Director

Date: August 25, 2020

Subject: (PC-2043) Public hearing with discussion and consideration of an ordinance to redistrict from C-3, Community Commercial to SPUD, Simplified Planned Unit Development, governed by the C-4, General Commercial district, subject to staff comments, for the property addressed as 2224 S. Air Depot Boulevard.

Executive Summary: The structure at 2224 S. Air Depot. is currently vacant. This request is to rezone the property to a Simplified Planned Unit Development, SPUD, governed by the C-4, General Commercial district. The commercial zoning districts in the Midwest City Zoning Ordinance are cumulative, meaning that all uses allowed in the C-3, Community Commercial district are also allowed in the C-4 district with the C-4 district allowing additional, more intensive uses. This application requests to allow all C-3 uses and the one C-4 use of commercial marijuana grow. Staff met with the applicant in May of 2019 to discuss the possibility of rezoning this property to allow the use of commercial marijuana grow as this use is not allowed in the C-3 district. The Midwest City Council adopted an ordinance creating the use of commercial marijuana grow and setting forth the allowable zoning districts for the use which are C-4, General Commercial, I-1, Light Industrial, I-2, Moderate Industrial and I-3, Heavy Industrial. In February 2020, a similar application for a SPUD to allow grow was approved for a location on E. Reno. Notice was sent to all property owners within 300 feet of the area of request as well as published in the Journal Record. As of this writing, no protest has been submitted. The SPUD application does not include any request for variances. This item is continued from the June 23, 2020 Council meeting. Action is at the discretion of the Planning Commission and City Council.

Dates of Hearing: Planning Commission – June 2, 2020
City Council – June 23, 2020 - August 11, 2020 - August 25, 2020

Council/Ward: Ward 1 – Susan Eads



Applicant: David M. Box

Owner: Hunter Grace, LLC.

Proposed Use: marijuana grow

Size:

The area of request contains approximately 95' of frontage on S. Air Depot Blvd. and contains an area of approximately .32 acres.

Zoning Districts:

Area of Request – C-3, Community Commercial
North – R-6, Single Family Detached Residential
South – C-3, Community Commercial
West – C-3, Community Commercial
East – C-3, Community Commercial

Land Use:

Area of Request – Vacant building

North – Single Family Home



South – Commercial uses



East – Commercial uses



West – Commercial uses/Adair Blvd.



Future Land Use

Area of request – Commercial

North and West – Office/Retail

South and East – Commercial

Comprehensive Plan Citation:

Commercial

Areas designated for commercial land use are intended for a variety of commercial uses and establishments with outside storage, display and sales. Examples of such uses include automobile-related services, manufactured home sales, self-storage units, welding shops, and pawnshops. Commercial uses are often located along major thoroughfares, not because they need the visibility, as retail uses generally do, but because they need the accessibility. The challenge lies in the fact that commercial uses often have a greater need for outside storage areas and these areas tend to lessen the visual quality of major thoroughfares.

Municipal Code Citation:

2.26 SPUD, Simplified Planned Unit Development

2.26.1. General Description

The simplified planned unit development, herein referred to as SPUD, is a special Zoning district that provides an alternate approach to conventional land use controls to produce unique, creative, progressive or quality land developments.

The SPUD may be used for particular tracts or parcels of land that are to be developed as one unit according to a master development plan map.

The SPUD is subject to special review procedures and once approved by the City Council it becomes a special zoning classification for the property it represents.

2.26.2 Intent and Purpose

The intent and purpose of the simplified planned unit development provisions are to ensure:

(A) Innovative development

Encouraging innovative development and protect the health, safety and welfare of the community.

(B) Efficient use of land

Encourage efficient use of land, facilitate economic arrangement of buildings and circulation systems;

(C) Appropriate limitations and compatibility

Maintain appropriate limitations on the character and intensity of use, assuring compatibility with adjoining and proximate properties, and following the guidelines of the comprehensive plan.

History:

1. PC- The property has been zoned R-6, Single Family Detached Residential since the adoption of the 1985 Zoning Map.
2. The Planning Commission recommended approval of this item June 2, 2020.
3. The City Council took no action on this item at the June 23, 2020 or August 11, 2020 meetings.

Staff Comments:

Engineer's report:

Note: No engineering improvements are required with this application.

Water Supply and Distribution

A twelve (12) inch public water main is located along the east side of S Air Depot. The existing building in the area of request is currently on City water, therefore water line improvements are not required as outlined in Municipal Code 43-32.

Sanitary Sewerage Collection and Disposal

Multiple public sewer mains are located within or bordering area of request. The public sewer main is accessible and the existing building is connected to the city sewer main, sewer line improvements are not required as outlined in Municipal Code 43-109.

Streets and Sidewalks

Access to the area of request exists off S Air Depot Boulevard and W Harmon Drive. Recent improvements have been made to S Air Depot which removed the option of a southbound left into the northern drive. Southbound access is still provided via W Harmon Drive.

S Air Depot is classified as a Secondary Arterial and W Harmon Drive as a local road in the 2008 Comprehensive Plan.

The applicant has stated in the Master Design Statement, 9.10 as the existing sidewalks conform to all sidewalk regulations. This office disagrees with this statement since there are no sidewalks on the property which appear to meet City or federal ADA regulations. Although sidewalk improvements are not required with this application, future building permits will require that sidewalks are considered.

Drainage and Flood Control, Wetlands, and Sediment Control

The area of request is developed with houses already established. The area of request is shown to be in an "Area of Minimal Flood Hazard" meaning no floodplain on Flood Insurance Rate map (FIRM) number 40109C0310H, dated December 18th, 2009. Drainage and detention improvements are not required with this application.

Easements and Right-of-Way

No further easements or right of way would be required with this application.

Fire Marshal's report:

The Fire Marshal has reviewed this application. The property is required to meet and maintain the requirements of Midwest City Ordinances Section 15.

Plan Review Comments:

As mentioned in the Executive Summary, staff met with the applicant in May of 2019 to discuss this application.

The Zoning Ordinance was updated in late 2018 after Oklahoma voters approved a measure to legalize medical marijuana in the State. Use unit classifications were created for commercial marijuana grow and processing.

The use of commercial marijuana grow was approved as an allowable use in the C-4, General Commercial, I-1, Light Industrial, I-2, Moderate Industrial and I-3, Heavy Industrial zoning districts. These were approved as the allowable zoning districts as they are typically buffered from single-family residential districts.

As noted in the executive summary, the commercial uses listed in the Midwest City Zoning Ordinance are cumulative. This means that all uses currently allowed in the C-3, Community

Commercial (less intensive) district are also allowed in the C-4, General Commercial (more intensive) district.

The C-4 district also allows more intensive uses such as automotive sales and rentals and manufactured home sales. This is an application to rezone this parcel to a SPUD, governed by the C-4, General Commercial district, allowing all uses that are also currently allowed in C-3 and the one additional C-4 use of commercial marijuana grow.

If this request is approved, staff would recommend that the applicant meet with the Chief Building Official and Fire Marshal to ensure that all equipment to be used as part of the growing process meets current building, electrical and fire codes. A building permit will be required for any remodeling. Trade permits will be required for any mechanical, electrical or plumbing work done.

A master development plan is not required as the structure is already existing and there are no plans to expand or change the existing structure. Parking is existing in front of and behind the structure.

The SPUD document is included with this agenda item. No variances are requested with this application.

This item was heard by the City Council on June 23, 2020 and no action was taken to allow the applicant and Councilmember Eads to discuss concerns. A conference call occurred on July 21, 2020 between the applicant, Councilmember Eads and staff to discuss this application. No changes are proposed to the SPUD document as originally submitted as a result of the meeting.

Action is at the discretion of the City Council.

Action Required:

Approve or reject the ordinance to redistrict to SPUD for the property as noted herein, subject to staff's comments as found in the August 25, 2020 agenda packet and made a part of PC-2043 file.

A handwritten signature in black ink, appearing to read "Billy Harless".

Billy Harless,
Community Development Director

KG

The City of MIDWEST CITY

COMMUNITY DEVELOPMENT DEPARTMENT - ENGINEERING DIVISION

William Harless, Community Development Director

Brandon Bundy, P.E., C.F.M., City Engineer

To: Kellie Gilles, Plans Review Manager

From: Brandon Bundy, City Engineer

Date: May 11th, 2020

Subject: Engineering staff comments for pc-2043 application

ENGINEERING STAFF CODE CITATIONS AND COMMENTS - PC-2043:

Note: No engineering improvements are required with this application.

Water Supply and Distribution

A twelve (12) inch public water main is located along the east side of S Air Depot. The existing building in the area of request is currently on City water, therefore water line improvements are not required as outlined in Municipal Code 43-32.

Sanitary Sewerage Collection and Disposal

Multiple public sewer mains are located within or bordering area of request. The public sewer main is accessible and the existing building is connected to the city sewer main, sewer line improvements are not required as outlined in Municipal Code 43-109.

Streets and Sidewalks

Access to the area of request exists off S Air Depot Boulevard and W Harmon Drive. Recent improvements have been made to S Air Depot which removed the option of a southbound left into the northern drive. Southbound access is still provided via W Harmon Drive.

S Air Depot is classified as a Secondary Arterial and W Harmon Drive as a local road in the 2008 Comprehensive Plan.

The applicant has stated in the Master Design Statement, 9.10 as the existing sidewalks conform to all sidewalk regulations. This office disagrees with this statement since there are no sidewalks on the property which appear to meet City or federal ADA regulations. Although sidewalk improvements are not required with this application, future building permits will require that sidewalks are considered.

Drainage and Flood Control, Wetlands, and Sediment Control

The area of request is developed with houses already established. The area of request is shown to be in an "Area of Minimal Flood Hazard" meaning no floodplain on Flood Insurance Rate map (FIRM) number 40109C0310H, dated December 18th, 2009. Drainage and detention improvements are not required with this application.

Easements and Right-of-Way

No further easements or right of way would be required with this application.



Midwest City Fire Marshal's Office

8201 E Reno Avenue, Midwest City, OK 73110
dhelmberger@midwestcityok.org Office: 405-739-1355
www.midwestcityok.org



Re: PC - 2043

Date: 12 May 2020

PC-2043 is a request to rezone the parcel at 2224 S. Air Depot from C-3 to a SPUD governed by C-4.

- The property is required to meet and maintain the requirements of Midwest City Ordinances Section 15.

Respectfully,

A handwritten signature in black ink, appearing to read "D. Helmberger".

Duane Helmberger
Fire Marshal
Midwest City Fire Department

The Midwest City Fire Department is committed to providing the highest level of public safety services for our community and citizens. We protect lives and property through fire suppression, emergency medical response, disaster management, fire prevention and public education.

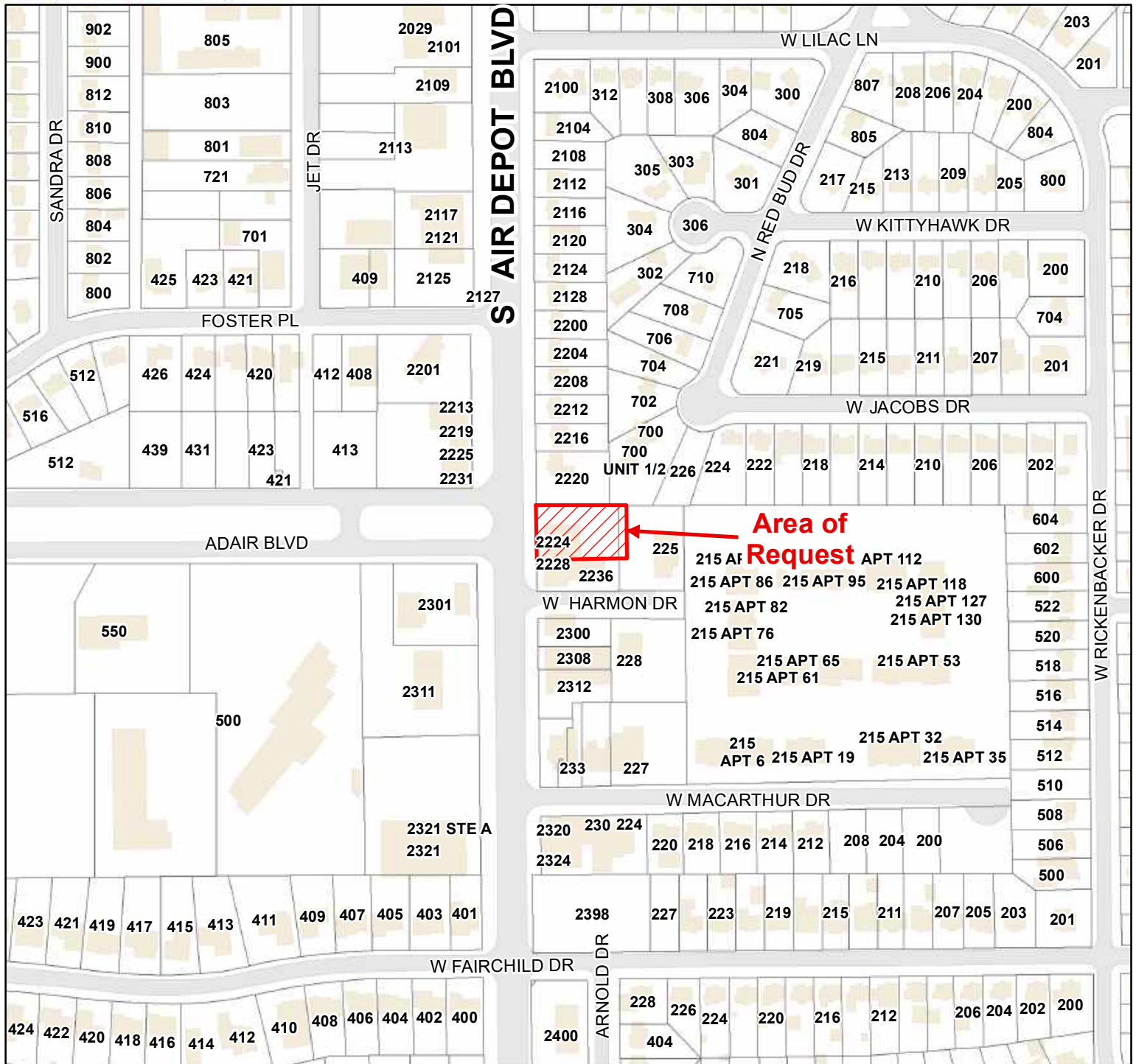


Midwest City Fire Marshal's Office

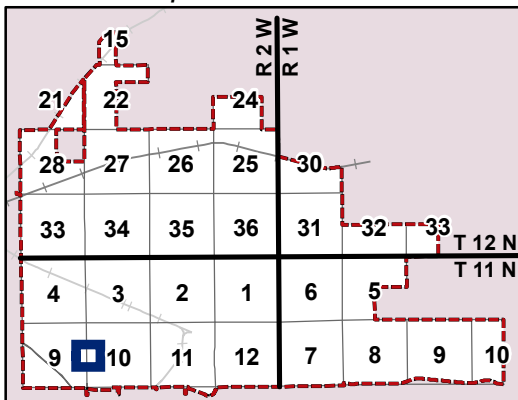
8201 E Reno Avenue, Midwest City, OK 73110
dhelmberger@midwestcityok.org Office: 405-739-1355
www.midwestcityok.org



The Midwest City Fire Department is committed to providing the highest level of public safety services for our community and citizens. We protect lives and property through fire suppression, emergency medical response, disaster management, fire prevention and public education.



Locator Map



General Map Legend

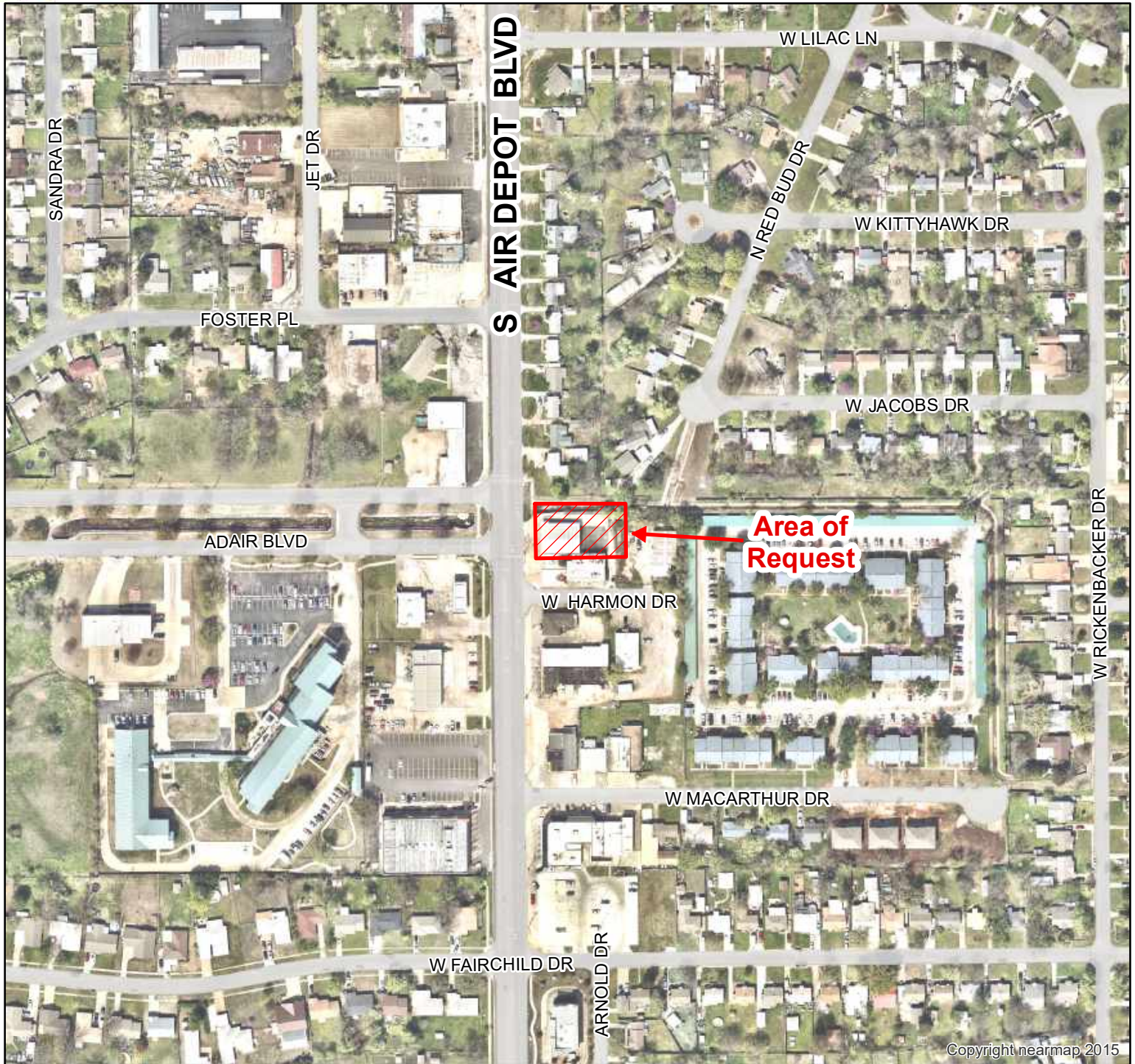
- Area of Request
- Parcels with Addresses
- Buildings
- Edge of Pavement
- MWC City Limits
- Railroads**
 - Active
 - Inactive / Closed

**GENERAL MAP FOR
PC-2043
(SW/4, Sec. 10, T11N, R2W)**

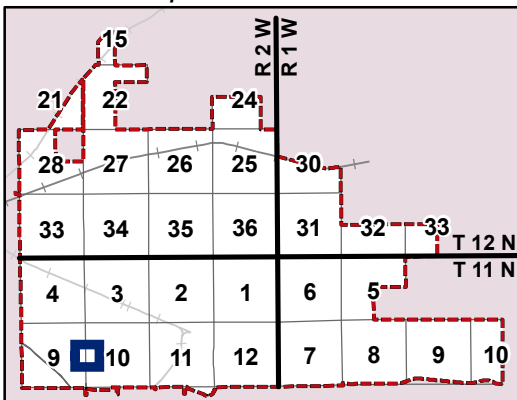


0 250 500 Feet
1 inch = 250 feet

THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.



Locator Map



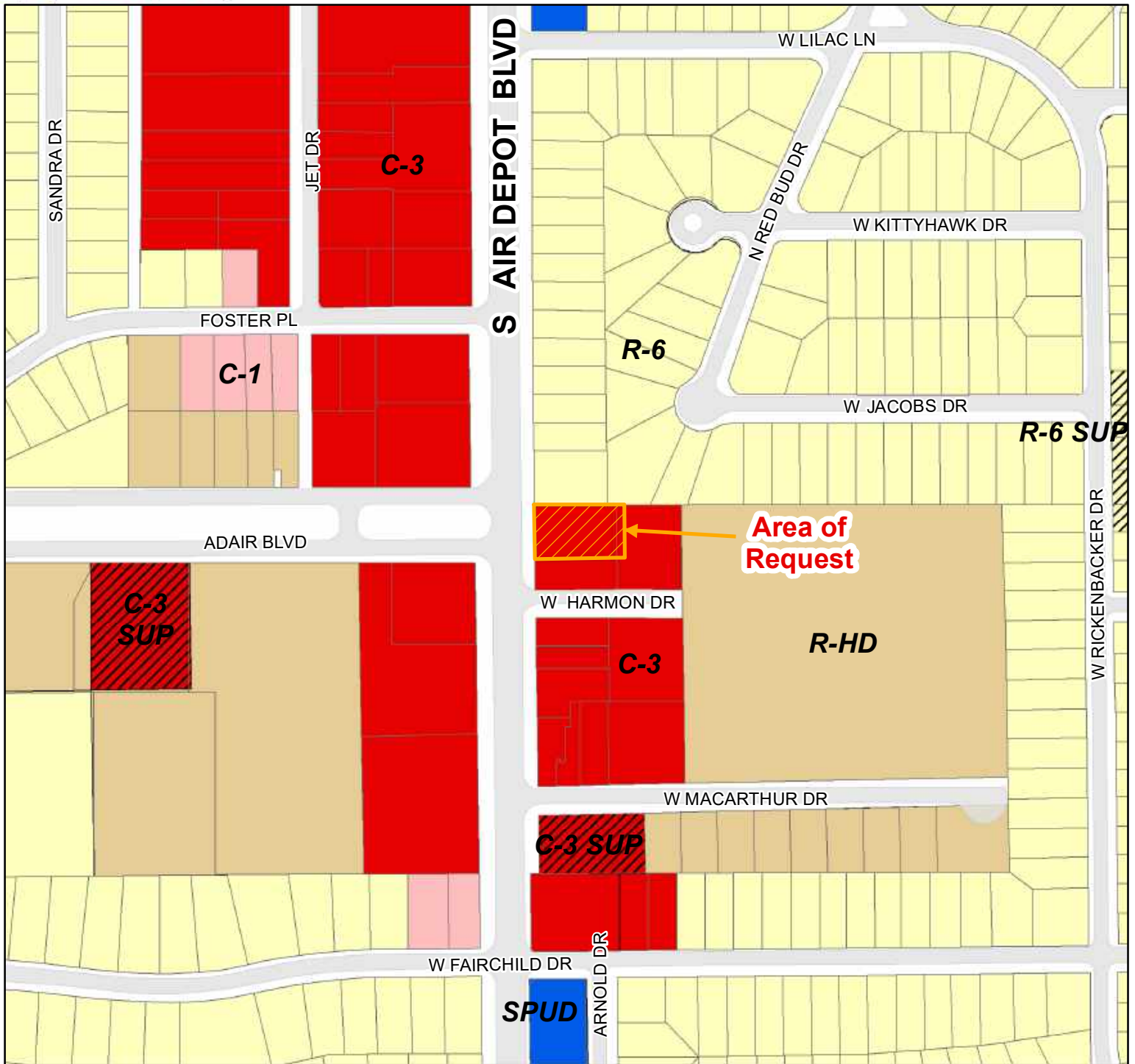
2020 NEARMAP AERIAL VIEW FOR PC-2043 (SW/4, Sec. 10, T11N, R2W)



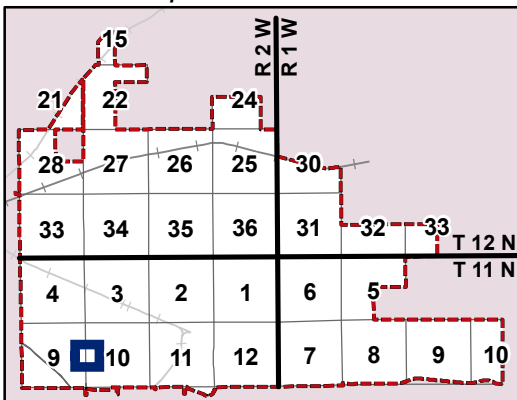
0 250 500 Feet

1 inch = 250 feet

THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.



Locator Map



Current Zoning Legend

A-1	I-2 SUP	R-35
A-1 SUP	I-3	R-2F
C-1	O-1	R-MD
C-1 SUP	O-1 SUP	R-MD SUP
C-2	O-2	R-HD
C-3	O-2 SUP	R-HD SUP
C-3 SUP	R-6	R-MH-1
C-4	R-6 SUP	R-MH-2
C-4 SUP	R-8	PUD
I-1	R-10	SPUD
I-2	R-22	HOS
		HOS SUP

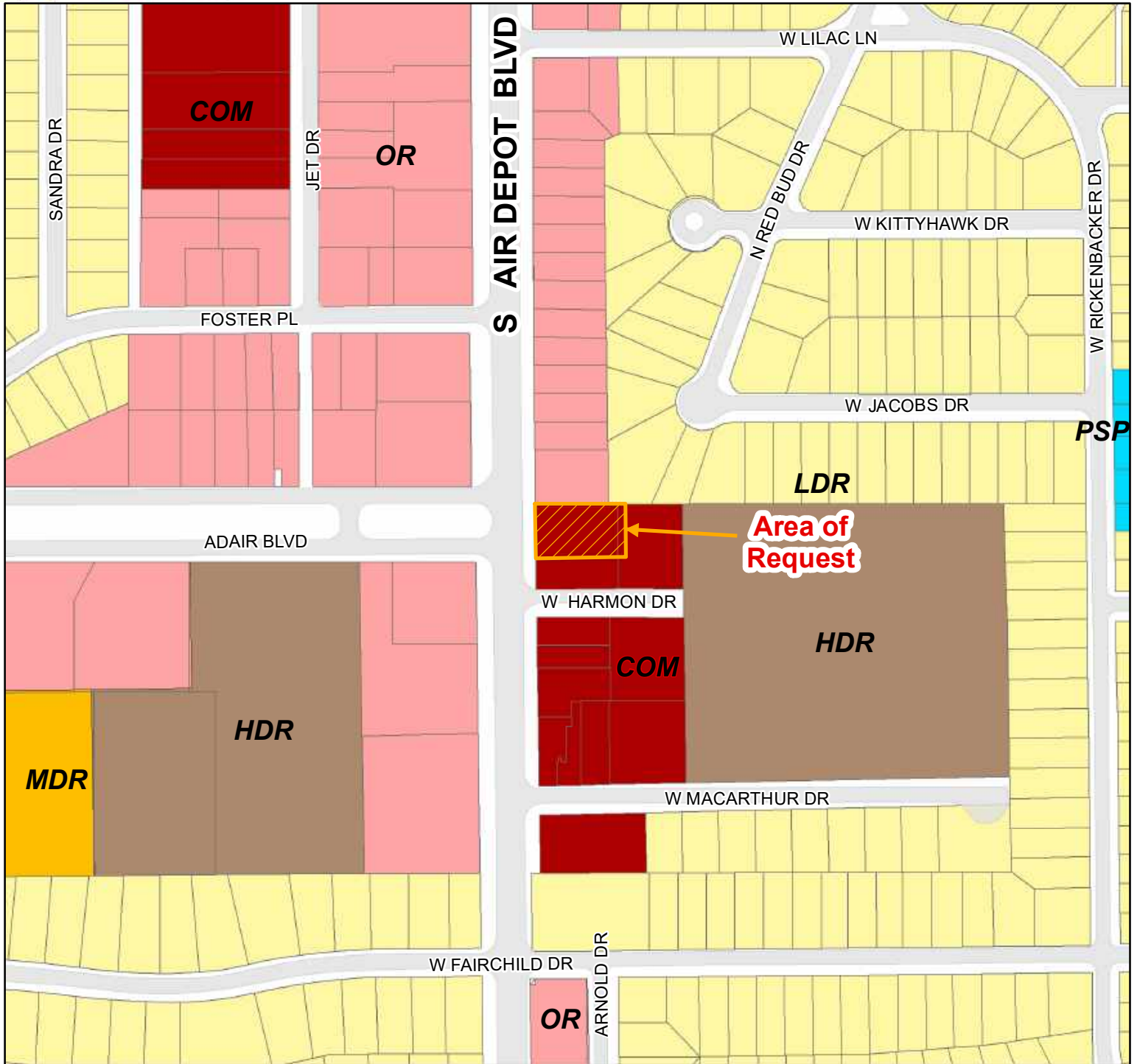
ZONING MAP FOR PC-2043

(SW/4, Sec. 10, T11N, R2W)

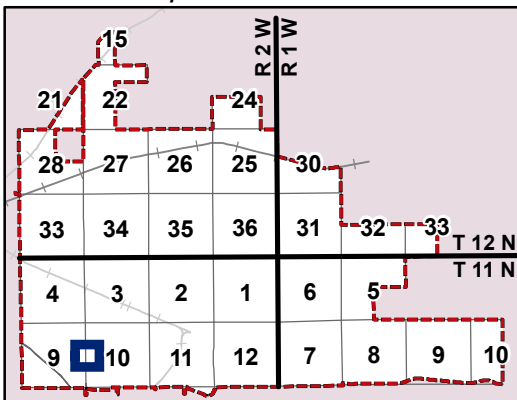


0 250 500 Feet
1 inch = 250 feet

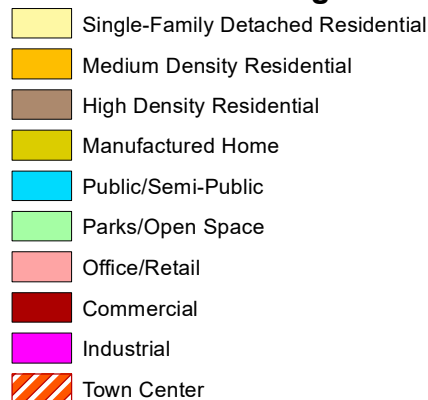
THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.



Locator Map



Future Land Use Legend



FUTURE LAND USE MAP FOR PC-2043 (SW/4, Sec. 10, T11N, R2W)



0 250 500 Feet

1 inch = 250 feet

THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.

1 **PC-2043**

2 **ORDINANCE NO. _____**

3 **AN ORDINANCE RECLASSIFYING THE ZONING DISTRICT OF THE PROPERTY**
4 **DESCRIBED IN THIS ORDINANCE TO SPUD, SIMPLIFIED PLANNED UNIT DE-**
5 **VELOPMENT, AND DIRECTING AMENDMENT OF THE OFFICIAL ZONING DIS-**
6 **TRICT MAP TO REFLECT THE RECLASSIFICATION OF THE PROPERTY'S ZON-**
7 **ING DISTRICT; AND PROVIDING FOR REPEALER AND SEVERABILITY**

8 **BE IT ORDAINED BY THE COUNCIL OF THE CITY OF MIDWEST CITY, OKLAHOMA:**

9 **ORDINANCE**

10 **SECTION 1.** That the zoning district of the following described property is hereby reclassified
11 to SPUD, Simplified Planned Unit Development, subject to the conditions contained in the PC-
12 2043 file, and that the official Zoning District Map shall be amended to reflect the reclassifica-
13 tion of the property's zoning district as specified in this ordinance:

14 All of Lot Two (2) and the North 95 feet of the West 15 feet of Lot Three (3) of
15 MCCORKLE PARK ADDITION to Oklahoma County, Oklahoma, according to the rec-
16 orded plat thereof

17 **SECTION 2. REPEALER.** All ordinances or parts of ordinances in conflict herewith are
18 hereby repealed.

19 **SECTION 3. SEVERABILITY.** If any section, sentence, clause or portion of this ordinance is
20 for any reason held to be invalid, such decision shall not affect the validity of the remaining por-
21 tions of the ordinance.

22 **PASSED AND APPROVED** by the Mayor and Council of the City of Midwest City, Oklahoma,
23 on the _____ day of _____, 2020.

24 **THE CITY OF MIDWEST CITY, OKLAHOMA**

25 _____
26 **MATTHEW D. DUKES II, Mayor**

27 **ATTEST:**

28 _____
29 **SARA HANCOCK, City Clerk**

30 **APPROVED** as to form and legality this _____ day of _____, 2020.

31 _____
32 **HEATHER POOLE, City Attorney**

THE CITY OF MIDWEST CITY
SIMPLIFIED PLANNED UNIT DEVELOPMENT

SPUD-__

MASTER DESIGN STATEMENT FOR

2224 S. Air Depot

April 20, 2020

PREPARED BY:

Williams, Box, Forshee & Bullard PC
522 Colcord Drive
Oklahoma City, OK 73102
405-232-0080 Phone
405-236-5814 Fax
dmbox@wbflaw.com

1.0 INTRODUCTION

This Simplified Planned Unit Development consists of approximately 0.32 acres and is located at 2224 S. Air Depot Blvd. in the City of Midwest City, Oklahoma.

2.0 LEGAL DESCRIPTION

The legal description of the property is described in attached Exhibit A, which is made a part of this design statement.

3.0 OWNER/DEVELOPER

The owner/developer of the property described in Section 2.0 is Hunter Grace, LLC.

4.0 SCOPE AND CONCEPT

The concept is to use the existing building and allow an entity licensed by the Oklahoma State Department of Health to grow, harvest and package medical marijuana for the purpose of selling medical marijuana to a dispensary or processor.

5.0 SITE AND SURROUNDING DEVELOPMENT

This property is presently zoned C-3, Community Commercial District. The property surrounding the proposed SPUD is zoned as follows:

North:	R-6, Single Family Detached Residential
South:	C-3, Community Commercial
East:	C-3, Community Commercial
West:	Right-of-way and C-3, Community Commercial

6.0 SITE

The subject property is currently developed as a commercial building.

7.0 SERVICE AVAILABILITY

7.1 STREETS

This site is located off S. Air Depot Blvd., north of SE 29th St. and south of SE 15th St.

7.2 WATER LINE

Water facilities to the site are available.

7.3 SANITARY SEWER LINE

Sanitary sewer facilities to the site are available.

7.4 GAS, ELECTRICAL AND TELEPHONE SERVICES

Gas, electrical, and telephone services serve several developments in the area of this Planned Unit Development and have lined adjacent to the subject property. Proper coordination with the various utility companies will be made in conjunction with this Development.

7.5 FIRE PROTECTION

There is a Midwest City Fire Station in close proximity to the site. Station #2 is at 550 Adair Blvd.

8.0 SPECIAL DEVELOPMENT REGULATIONS

The use and development regulations set out herein shall control the development and use of the property listed in Exhibit A (legal description). In case of a conflict between the regulations set out in this Planned Unit Development and ordinances contained in the Planning and Zoning Code Regulations for The City of Midwest City, the use and development regulations continued in this Planned Unit Development shall take precedent and control the development and use of the property. All regulations not specifically addressed herein shall comply with zoning ordinances and building regulations of The City of Midwest City in effect at the time of the approval of this SPUD, along with State and Federal Regulations as they may apply.

The use and development regulations of the C-4, General Commercial District shall govern development of this SPUD, except as modified below.

In addition to the uses allowed pursuant to any lower commercial zoning district other than the base zoning district, the following use shall be the only C-4 use permitted within this SPUD:

- 4.5.10 *Commercial Medical Marijuana Grower.*

9.0 GENERAL REGULATIONS:

9.1 FAÇADE REGULATIONS

All existing structures shall be permitted to remain on site and shall be deemed to conform to any requirements contained within the SPUD. For exterior work on existing structures, building materials shall be permitted to match or be of similar kind to those building materials currently utilized on existing structures.

In the event that any new structure is built, it shall conform to the following:

Exterior building wall finish on all structures, exclusive of windows and doors, shall consist of a minimum 80% brick veneer, rock or stone masonry, stucco and cementitious siding (including, but not limited to, the brand commonly known as James Hardie). No more than 30% EIFS (Exterior Insulation Finish System) shall be permitted. Exposed metal or exposed concrete block buildings shall not be permitted.

9.2 LANDSCAPING REGULATIONS

The current landscaping on site shall remain and be deemed to conform to any applicable regulation. In the event that any new structure is built, said landscaping shall meet all requirements of the City of Midwest City's Landscaping Ordinance in place at the time of development.

9.3 SIGHT PROOF SCREENING REGULATIONS

The current screening on site shall remain and be deemed to conform to any applicable regulation. In the event that any new structure is built, said sight proof screening shall meet all requirements of the City of Midwest City's Sight Proof Screening ordinance in place at the time of development.

9.4 DUMPSTER REGULATIONS

Dumpster(s) shall be consolidated where practical and located within an area a minimum of 20 feet from any residential district and shall be screened by a 8' masonry wall on three sides and a minimum of 11' wide clear space when gates are open.

9.5 ACCESS REGULATIONS

Access to the site shall be permitted from S. Air Depot Blvd. and W. Harmon Dr.

9.6 SIGNAGE REGULATIONS

All existing signage on this parcel shall be deemed to conform to all signage regulations for the existing development on the site. All new development on this parcel shall be in accordance with the following:

9.6.1 Freestanding Signs:

All freestanding signs shall be ground (monument) signs with the maximum height being 10 feet and maximum size being 100 square feet in area. The sign shall have no less than 25 square feet of landscaping at the base. No pole signs will be allowed.

9.6.3 Attached Signs:

Attached signs will be in accordance with the base zoning district regulations.

9.6.4 Non-Accessory Signs:

Non-accessory signs are specifically prohibited in this SPUD.

9.6.5 Electronic Message Display Signs:

Electronic Message Display signs shall be prohibited within this SPUD.

9.7 LIGHTING REGULATIONS

All existing lighting on this parcel shall be deemed to conform to all lighting regulations for the existing development on the site.

In the event that any new structure is built, said lighting shall be required to be in accordance with Midwest City Code.

9.8 SETBACK REGULATIONS

The existing building shall be deemed to conform to all setback regulations for the existing development on the site.

In the event that any new structure is built, said building shall be required to be in accordance with the base zoning district.

9.9 HEIGHT REGULATIONS

The existing building shall be deemed to conform to all parking regulations for the existing development on the site.

In the event that any new structure is built, said building shall be required to be in accordance with the base zoning district.

9.10 SIDEWALK REGULATIONS

The existing sidewalks shall be deemed to conform to all sidewalk regulations for the existing development on the site.

9.11 PARKING REGULATIONS

The existing parking shall be deemed to conform to all parking regulations for the existing development on the site.

In the event that any new structure is built, said parking shall be required to be in accordance with the base zoning district.

10.0 EXHIBITS:

Exhibit A – Legal Description
Exhibit B – On site aerial

Exhibit A

Legal Description

All of Lot Two (2) and the North 95 feet of the West 15 feet of Lot Three (3) of MCCORKLE PARK ADDITION to Oklahoma County, Oklahoma, according to the recorded plat thereof.



Call for
Instant Service
405-VOLTAGE



**NINJA
ELECTRIC**
405-VOLTAGE
NINJA-ELECTRIC.COM

2224



2224 S Air Depot Blvd

© 2020 Google

Google Earth

35°26'31.17" N 97°24'21.09" W elev 1234 ft eye alt 1480 ft



The City of
MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT

Billy Harless, Community Development Director

ENGINEERING DIVISION
Brandon Bundy, City Engineer
CURRENT PLANNING DIVISION
Kellie Gilles, Manager
COMPREHENSIVE PLANNING
Petya Stefanoff, Comprehensive Planner
BUILDING INSPECTION DIVISION
Christine Brakefield, Building Official
GIS DIVISION
Greg Hakman, GIS Coordinator

To: Honorable Mayor and Council

From: Billy Harless, Community Development Director

Date: August 25, 2020

Subject: (PC – 2047) Discussion and consideration of approval of the proposed preliminary plat of Freedom Villas, described as a part of the SE/4 of Section 35, T12N, R2W, located at 8712 E. Main Street.

Executive Summary: This item is a request to subdivide a single parcel into nineteen (19) individual parcels for two-family residential development. The property is currently zoned R-HD, High Density Residential. This zoning does allow for the development of duplexes. The applicant is proposing water, sewer and street extensions to serve all of the lots. No variances to any of the requirements of the Zoning Ordinance for development in the R-HD district will be allowed within this development. The Park Land Review Committee recommended approval of a fee to be paid in lieu of park land dedication. Tree preservation will not be required with this subdivision as the land area is less than five (5) acres. Action is at the discretion of the City Council.



Dates of Hearing:
Planning Commission –
July 7, 2020
City Council – July 28,
2020, August 25, 2020

Council Ward: Ward 3,
Councilmember Bowen

Applicant: Tinker Villas
LLC

Engineer: Mid-Del
Group Homes

Representative: Grubbs
Consulting LLC

Proposed Use: Nineteen
(19) two-family
residential lots

Size:

The area of request has a frontage along East Main Street of approximately 330 ft. and contains an area of approximately 4.79 acres.

Zoning Districts:

Area of Request – R-HD, High Density Residential

North – R-6, Single Family Detached Residential with a Special Use Permit for a fraternal lodge

South – PUD

East – C-3, Community Commercial and R-HD, High Density Residential

West – R-6, Single Family Detached Residential

Land Use:

Area of Request – one (1) vacant residential structure

North – lodge

South – North Oaks quad-plexes

East – warehouse

West – single family residence

Municipal Code Citation:

2.10.1. R-HD, High Density Residential District – General Description

This residential district is intended to provide for a density of more than twenty (20) units per gross acre. The principal use of land is for a wide variety of dwelling types. Related recreational, religious, and educational uses normally located to service residential areas also are permitted to provide the basic elements of convenient, balanced, and attractive living areas.

38-18.1. Purpose

The purpose of a Preliminary Plat shall be to determine the general layout of the subdivision, the adequacy of public facilities needed to serve the intended development, and the overall compliance of the land division with applicable requirements of the Subdivision Ordinance.

History:

1. (PC-699) This property was rezoned from R-1 to R-4, Medium Density with a Special Use Permit for a Group Home in 1984.
2. (PC-1604) An application for a Special Use Permit for a Community Based Care Facility was stricken on January 10, 2006.
3. The official 2010 Zoning Map identified this area as R-HD, High Density Residential with a Special Use Permit for a group home.
4. The Planning Commission recommended approval of this item July 7, 2020.
5. No action was taken on this item during the July 28, 2020 Council meeting.

Engineer's Comments:

Note: This application is for a preliminary plat of Freedom Villas located at 8712 E Main Street.

Section 38-18 in the Subdivision Regulations requires all existing and proposed utility lines and public improvements be reflected on the preliminary plat or accompanying plan.

The proposed public utility line installations required with this application are shown on the plat, must be constructed and will be dedicated to the city prior to the final plat application.

Water Improvements

There is a six (6) inch public water main running along the south side of E Main Street and a six (6) inch public water main runs along the east side of the proposed development.

The applicant has proposed connecting to the existing waterline running along the east property and at the existing waterline on E Main Street; looping the system. The proposed extension will be an eight (8) inch public waterline. New eight (8) inch public water main would then extend to all additional proposed lots as required in Municipal Code 43-32. The lines will be within the proposed right of way of the proposed streets.

Connection to the public water supply system for domestic service is a building permit requirement per Municipal Code 43-32 for all new buildings.

Sanitary Sewer Collection and Disposal

The proposed development has access to an existing eight (8) inch public sewer line at the north side of E Main St on the west edge of the proposed development.

The applicant has proposed constructing a public sewer main providing service to all of the proposed lots by extension of the eight (8) inch line running along proposed streets and utilizing existing sanitary sewers.

Connection to the public sanitary sewer system for domestic service is a building permit requirement per Municipal Code Chapter 43-109 for all lots.

Streets and Sidewalks

E Main Street is listed as a local road in the 2008 Comprehensive Plan. A right-of-way of 50 feet is required, 25 feet on each side of centerline with an additional ten (10) foot utility easement adjacent to the proposed development. It will be required to be dedicated on the final plat if not already existing.



Looking west on E Main Street. Curb and Gutter existing but no sidewalk.



Looking east on E Main Street. Open paved ditch/ Inlet at Northeast corner.

The applicant proposes to construct two public streets in a hammerhead configuration; Spirit Drive and Patriot Drive. All the lots in the proposed development will front onto the new streets with limits of no access to those lots bordering E Main Street. Additionally, the applicant proposed to make half street improvements along E Main Street the length of the proposed development.

August 25, 2020

All improvements will include sidewalks. This sidewalk will be required to be built prior to the final plat application as per Section 38-47.2. Any work to the existing drives or sidewalk will be required to meet current Midwest City standard.

Improvement plans for the street and sidewalks must be prepared by a registered professional engineer and be submitted to staff for plan review and approval.

The comprehensive plan dictates the connection of internal streets within the square mile sections that are designated as future collector roads. The thoroughfare plan does not designate this area to contain a future collector road. The applicant proposes to construct two public local streets that are dead ends with one point of ingress / egress; Spirit Drive is 500 feet long.

Drainage and Flood Control, Wetlands, and Sediment Control

The proposed development is gently sloped to the northwest. Existing property drains via sheet flow to the west and to the north where it is picked up by the curbing along E Main Street. Drainage to the proposed development generally is as follows:

- A developed storm sewer system runs along the south side of E Main Street.
 - On the northeast corner of the property, there is an open paved ditch junction which accepts water as an inlet off E Main Street and a pipe running off the eastern property.
 - The outflow of this paved junction then runs west ~640' via piping to an existing drainage box and then ultimately north to Soldier Creek Tributary 4.
- Drainage which does not fall into the above system sheet flows across the proposed development and then the neighboring property to the west; ultimately making its way to curbing along E Main Street. The curbing then takes the water to the same existing drainage box as the above pipe system.

All the drainage eventually flows into Soldier Creek via Soldier Creek Tributary 4. Currently, the proposed development is undeveloped with no improvements.



Open ditch / inlet to be improved with development. Entirely enclosed with new inlet



Looking south along east boundary. Note fall towards north and West



Western edge of proposed development. Some bypass proposed to fall onto this property.

The applicant has proposed that a common detention pond handle most of the drainage and a few areas where drainage would bypass the common system. The applicant has proposed the following improvements:

- A common detention pond which would accept 3.6 acres (65% of the 5.52 total drainage acreage). The detention pond will outflow via a piped weir and into the existing piped system on E Main Street.
- Bypass areas
 - The developer will also enclose the paved ditch with a junction box and inlet combination. This will be required as part of the development. 0.2 acres would flow directly onto E Main Street in the northeast corner.
 - 0.34 acres are proposed to flow from 2 lots into an inlet proposed on the backside of the common detention pond. This inlet will take the water to the existing piped system on E Main Street.
 - 0.92 acres are proposed to sheet flow directly to the neighboring property to the west. These will be backyards of four lots. Sheet flow would be required and not allow any concentration of flow.
 - 0.46 acres are proposed to flow to the neighboring west property. Staff will require that the developer work with the property owner of the neighboring west property to understand the impacts. If needed, mitigation will be required in the form of further energy dissipation and / or distribution of the drainage flow.

The area of request has no identified flood zones or floodway as shown on the effective Flood Insurance Rate Map (FIRM) number 40109C0330H, dated December 18th, 2009.

The National Wetlands Inventory, www.fws.gov/wetlands/data/Mapper.html prepared by the United States Department of the Interior Fish and Wildlife Service, access October 15th, 2019 has not identified any riparian or wetland areas:

All future development on the proposed tracts must conform to the applicable requirements of Municipal Code Chapter 13, "Drainage and Flood Control."

August 25, 2020

Resolution 84-20 requires that developers install and maintain sediment and/or erosion controls in conjunction with their construction activities. Any proposed development must conform to the applicable requirements of Municipal Code Chapter 43, "Erosion Control."

Sediment control plans must be submitted to and approved by the city before any land disturbance is done on-site.

The developer is responsible for the cleanup of sediment and other debris from drainage pipes, ditches, streets and abutting properties as a result of his activities.

Easements and Right-of-Way

The required easements and existing right of way for the area of request are illustrated on the preliminary plat and will be dedicated to the city when the final plat is filed.

All easements and right of way dedications are to comply with Municipal Code Sections 38-43, 38-44, and 38-45.

Fire Marshal's Comments:

The Fire Department has reviewed this preliminary plat. The property is required to meet and maintain the requirements of Midwest City Ordinances, Section 15. Other requirements will be reviewed once design/construction plans have been submitted. Fire flow requirements and hydrant locations will be reviewed at a later date during the design and construction phase.

Planning Comments:

The purpose of this preliminary plat is to create nineteen (19) two-family residential lots. The area of request is zoned R-HD, High Density Residential which does allow for the use of duplexes. If this proposed subdivision is approved, all development will be required to meet the regulations for the R-HD district as stated in the Zoning Ordinance. These regulations include:

- The exterior of each home must be constructed of a minimum of 85% masonry materials, 100% facing the street
- 25' front setback, 20' rear setback, 7' side setbacks
- 50% maximum building coverage
- Minimum 5:12 roof pitch
- Two trees planted in front of the front building line for each lot

One new curb-cut along East Main Street will provide access to the area of request. As this subdivision is creating less than 50 lots, a secondary point of access is not required.

The Park Land Review Committee met on June 16, 2020 to review the proposed subdivision. As the subdivision is anticipated to generate far less than 2,500 new residents, the code does allow the applicant to pay a fee in lieu of a park land dedication. The applicant requested the fee in lieu option and the committee voted to approve the request. The fee will be determined by staff and the applicant as required by code and paid prior to application for the final plat.

It should be noted that the Special Use Permit (SUP) for a group home for this property is no longer valid as the group home has not been in operation over the past twelve (12) months. The Zoning Ordinance states that if a use allowed by SUP has been discontinued or abandoned for a period of twelve (12) months, the SUP shall expire by default.

August 25, 2020

The existing structure on the property must be demolished prior to application of a final plat. A demolition permit should be applied for through Community Development.

During the July 28, 2020 City Council meeting, concerns were brought up regarding drainage. In order to address the concerns, the applicant agreed to waive Right to 60-Day Action. On August 4, 2020, staff, the engineer/applicant, developer, Councilmember Bowen and Councilmember Byrne met on site and discussed the development and how drainage would be handled if the preliminary plat is approved.

This preliminary plat does meet the requirements of the subdivision regulations. Action is at the discretion of the City Council.

Action Required: Approve or reject the preliminary plat of Freedom Villas located on the property as noted herein, subject to the staff comments and found in the August 25, 2020 agenda packet and made a part of PC- 2047 file.

A handwritten signature in black ink, appearing to read "Billy Harless".

Billy Harless, AICP
Community Development Director

KG



Midwest City Fire Marshal's Office

8201 E Reno Avenue, Midwest City, OK 73110
dhelmberger@midwestcityok.org Office: 405-739-1355
www.midwestcityok.org



Re: PC - 2047

Date: 17 June 2020

PC-2047 is a request for a preliminary plat for a duplex development. The property is already zoned R-HD so duplexes are an allowed use.

- The property is required to meet and maintain the requirements of Midwest City Ordinances Section 15.
- Other requirements will be reviewed once design / construction plans have been submitted.
- Fire flow requirements and hydrant locations will be reviewed at a later date during the design and construction phase.

Respectfully,

A handwritten signature in black ink, appearing to read "D. Helmberger".

Duane Helmberger
Fire Marshal
Midwest City Fire Department

The Midwest City Fire Department is committed to providing the highest level of public safety services for our community and citizens. We protect lives and property through fire suppression, emergency medical response, disaster management, fire prevention and public education.

The City of
MIDWEST CITY

COMMUNITY DEVELOPMENT DEPARTMENT - ENGINEERING DIVISION

William Harless, Community Development Director

Brandon Bundy, P.E., C.F.M., City Engineer

To: Kellie Gilles, Plans Review Manager

From: Brandon Bundy, City Engineer

Date: June 22nd, 2020

Subject: Engineering staff comments for pc-2047 preliminary plat application

ENGINEERING STAFF CODE CITATIONS AND COMMENTS - PC-2047:

Note: This application is for a preliminary plat of Freedom Villas located at 8712 E Main Street.

Section 38-18 in the Subdivision Regulations requires all existing and proposed utility lines and public improvements be reflected on the preliminary plat or accompanying plan. The proposed public utility line installations required with this application are shown on the plat, must be constructed and will be dedicated to the city prior to the final plat application.

Water Improvements

There is a six (6) inch public water main running along the south side of E Main Street and a six (6) inch public water main runs along the east side of the proposed development.

The applicant has proposed connecting to the existing waterline running along the east property and at the existing waterline on E Main Street; looping the system. The proposed extension will be an eight (8) inch public waterline. New eight (8) inch public water main would then extend to all additional proposed lots as required in Municipal Code 43-32. The lines will be within the proposed right of way of the proposed streets.

Connection to the public water supply system for domestic service is a building permit requirement per Municipal Code 43-32 for all new buildings.

Sanitary Sewerage Collection and Disposal

The proposed development has access to an existing eight (8) inch public sewer line at the north side of E Main St on the west edge of the proposed development.

The applicant has proposed constructing a public sewer main providing service to all of the proposed lots by extension of the eight (8) inch line running along proposed streets and utilizing existing sanitary sewers.

Connection to the public sanitary sewer system for domestic service is a building permit requirement per Municipal Code Chapter 43-109 for all lots.

Streets and Sidewalks

E Main Street is listed as a local road in the 2008 Comprehensive Plan. A right-of-way of 50 feet is required, 25 feet on each side of centerline with an additional ten (10) foot utility easement adjacent to the proposed development. It will be required to be dedicated on the final plat if not already existing.



Looking west on E Main Street. Curb and Gutter existing but no sidewalk.



Looking east on E Main Street. Open paved ditch / inlet at Northeast corner.

The applicant proposes to construct two public streets in a hammerhead configuration; Spirit Drive and Patriot Drive. All the lots in the proposed development will front onto the new streets with limits of no access to those lots bordering E Main Street. Additionally, the applicant proposed to make half street improvements along E Main Street the length of the proposed development.

All improvements will include sidewalks. This sidewalk will be required to be built prior to the final plat application as per Section 38-47.2. Any work to the existing drives or sidewalk will require meeting current Midwest City standards.

Improvement plans for the street and sidewalks must be prepared by a registered professional engineer and be submitted to staff for plan review and approval.

The comprehensive plan dictates the connection of internal streets within the square mile sections that are designated as future collector roads. The thoroughfare plan does not designate this area to contain a future collector road. The applicant proposes to construct two public local streets that are dead ends with one point of ingress / egress; Spirit Drive is 500 feet long.

Drainage and Flood Control, Wetlands, and Sediment Control

The proposed development is gently sloped to the northwest. Existing property drains via sheet flow to the west and to the north where is picked up by the curbing along E Main Street. Drainage to the proposed development generally is as follows:

- A developed storm sewer system runs along the south side of E Main Street.
 - On the northeast corner of the property, there is an open paved ditch junction which accepts water as an inlet off E Main Street and a pipe running off the eastern property.
 - The outflow of this paved junction then runs west ~640' via piping to an existing drainage box and then ultimately north to Soldier Creek Tributary 4.
- Drainage which does not fall into the above system sheet flows across the proposed development and then the neighboring property to the west; ultimately making its way to curbing along E Main Street. The curbing then takes the water to the same existing drainage box as the above pipe system.

All the drainage eventually flows into Soldier Creek via Soldier Creek Tributary 4. Currently, the proposed development is undeveloped with no improvements.



Open ditch / inlet to be improved with development. Entirely enclosed with new inlet



Looking south along east boundary. Note fall towards north and west



Western edge of proposed development. Some bypass proposed to fall onto this property

The applicant has proposed that a common detention pond handle most of the drainage and a few areas where drainage would bypass the common system. The applicant has proposed the following improvements:

- A common detention pond which would accept 3.6 acres (65% of the 5.52 total drainage acreage). The detention pond will outflow via a piped weir and into the existing piped system on E Main Street
- Bypass areas
 - The developer will also enclose the paved ditch with a junction box and inlet combination. This will be required as part of the development. 0.2 acres would flow directly onto E Main Street in the northeast corner.
 - 0.34 acres are proposed to flow from 2 lots into an inlet proposed on the backside of the common detention pond. This inlet will take the water to the existing piped system on E Main Street.
 - 0.92 acres are proposed to sheet flow directly to the neighboring property to the west. These will be backyards of four lots. Sheet flow would be required and not allow any concentration of flow.
 - 0.46 acres are proposed to flow to the neighboring west property. Staff will require that the developer work with the property owner of the neighboring west property to understand the impacts. If needed, mitigation will be required in the form of further energy dissipation and / or distribution of the drainage flow.

The area of request has no identified flood zones or floodway as shown on the effective Flood Insurance Rate Map (FIRM) number 40109C0330H, dated December 18th, 2009.

The National Wetlands Inventory, www.fws.gov/wetlands/data/Mapper.html prepared by the United States Department of the Interior Fish and Wildlife Service, access October 15th, 2019 has not identified any riparian or wetland areas:

All future development on the proposed tracts must conform to the applicable requirements of Municipal Code Chapter 13, "Drainage and Flood Control."

Resolution 84-20 requires that developers install and maintain sediment and/or erosion controls in conjunction with their construction activities. Any proposed development must conform to the applicable requirements of Municipal Code Chapter 43, "Erosion Control." Sediment control plans must be submitted to and approved by the city before any land disturbance is done on-site. The developer is responsible for the cleanup of sediment and other debris from drainage pipes, ditches, streets and abutting properties as a result of his activities.

Easements and Right-of-Way

The required easements and existing right of way for the area of request are illustrated on the preliminary plat and will be dedicated to the city when the final plat is filed.

All easements and right of way dedications are to comply with Municipal Code Sections 38-43, 38-44, and 38-45.



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 ENGINEERING DIVISION

Applicant: Grubbs Consulting LLC
 Phone Number: _____
 Address: 8712 E Main St

Preliminary Plat Requirements/Checklist - Engineering

The preliminary plat shall be accompanied by a statement signed by the registered engineer preparing the plat that he has, to the best of his ability, designed the subdivision in accordance with the latest subdivision regulations and in accordance with the ordinances and regulations governing the subdivision of land.

38-18	Preliminary Plat:	BB
Administrative	North arrow, scale, date, and site location map	BB
Administrative	The total number of lots	BB
Administrative	The total area of development	BB
Administrative	The location of proposed lots, areas in Acres and Square Feet, and dimensions.	BB
Administrative 38-42.3(b)(3)	The location of property lines, existing easements, buildings, fences, cemeteries or burial grounds, and other existing features within the area to be subdivided and similar facts regarding existing conditions on immediately adjacent property.	BB
Administrative 38-42.3(b)(3)	The location of any natural features such as water courses, water bodies, flood hazard areas, tree masses, steep slopes, or rock outcroppings within the area to be subdivided and similar facts regarding existing conditions on immediately adjacent property.	None existing in proposed area
Administrative 38-42.3(b)(3)	The location, width, and name of all existing or platted streets or other public ways (i.e. railroad and state-owned) within or immediately adjacent to the tract.	BB
Administrative	The location of all existing or abandoned oil or gas wells, oil or gas pipelines and other appurtenances associated with the extraction, production and distribution of petroleum products and all related easements on the site or on immediately adjacent property.	None existing in proposed area
13-18.2(c)	The applicant shall furnish with the application to the city a current title commitment issued by a title insurance company authorized to do business in Oklahoma, a title opinion letter from an attorney licensed to practice in Oklahoma, or some other acceptable proof of ownership, identifying all persons having an ownership interest in the property subject to the preliminary plat.	
Administrative	The legal metes and bounds of the property being developed.	BB
13-69.7(1)	The area of the preliminary drainage plan in acres shown at points where storm water enters and leaves the proposed subdivision, and where drainage channels intersect roadways and at junction points.	BB
13-69.7(3)	The location, size, and type of existing and proposed storm water control facilities including storm sewers, inlets, culverts, swales, channels and retention or detention ponds and areas. The approximate area in acres served by said facilities shall be shown.	BB
13-69.7(4)	Special structures such as dams, spillways, dikes or levees.	BB

Administrative	Location of Floodplain if adjacent or within development	BB
Administrative	Location of Wetlands if adjacent or within development. If so, the developer is required to notify the Army Corp of Engineers.	BB
Administrative 38-43.3(a)(1)	Show the location and size of water mains.	BB
Administrative 38-43.3(a)(1)	Show the location and size of wastewater mains.	BB
Administrative 38-43.3(a)(2)	Show the location and specifications for fire hydrant systems.	BB
Administrative	Finish floor elevations for all pad sites	BB
Administrative 13-69.7(2)	Drainage arrows on all lots showing the final grading and where the water will drain	BB
Administrative 38-54.3(c)(1) 38-54.3(d)(1) 38-54.4	Required retaining walls and retaining wall easements	BB
Administrative	Existing contours with intervals not to exceed two (2) feet referenced to a United State Geological Survey or Geodetic Survey bench mark or monument.	BB
Administrative	Show the proposed street layout and right of ways.	BB
38-45.4(c)	All existing arterial streets and such collector and local streets as may be necessary for convenience of traffic circulation and emergency ingress and egress.	BB
38-45.4(d)	All access points to existing roadways and be of the required number.	BB
38-45.4(e)	The development shall have two (2) connections to adjacent properties.	
38-45.4(n)	The names of all new proposed streets.	BB
38-45.4(o)	The development shall not have any proposed cul-de-sacs longer than five hundred (500) feet in length	BB
38-47	The location and size of all proposed pedestrian crosswalks, bike trails, horse trails, or other supplementary movement systems.	BB
38-18.2(a)(1) 38-44.3(a)(2)	Preliminary stormwater management plan (SWMP)	BB
38-44.3(e)(1)	A digital copy of the preliminary SWMP shall be submitted along with the preliminary plat.	BB
38-44.3(e)(2)	The preliminary SWMP shall be labeled as "Preliminary"	BB
38-44.3(e)(3)	The preliminary SWMP shall be signed, sealed, and dated by the professional engineer (P.E.) or shall contain a statement showing the professional engineer's name and license number and affirming the preliminary SWMP was prepared under the direction of the engineer and that the plan is preliminary	BB
38-44.3(b)(3)	If no preliminary drainage plan is required [only upon city engineer's approval, see 38-44.44 (b)(3)]: show existing drainage patterns, runoff coefficients, and the proposed changes to these items (before and after development)	
38-44.3(c)	The preliminary SWMP must comply with the Engineering Standards Manual and construction details and the Midwest City Code of Ordinances (e.g. chapters 13 and 43), including control/sediment plans	BB
38-18.2(a)(2) 38-44.4(a)(2)	Preliminary drainage plan	

13-69.7(1)	The area of the preliminary drainage plan in acres shown at points where storm water enters and leaves the proposed subdivision, and where drainage channels intersect roadways and at junction points.	BB
13-69.7(3)	The location, size, and type of existing and proposed storm water control facilities including storm sewers, inlets, culverts, swales, channels and retention or detention ponds and areas. The approximate area in acres served by said facilities shall be shown.	BB
13-69.7(4)	Special structures such as dams, spillways, dikes or levees.	
38-44.4(c)(1)	The preliminary drainage plan shall show the watershed affecting the development and how the runoff from the fully-developed watershed will be conveyed to, through, and from the development.	BB
38-44.4(c)(2)	The preliminary drainage plan must comply with the Engineering Standards Manual and construction details and the Midwest City Code of Ordinances (e.g. chapters 13 and 43)	BB
38-44.4(d)(1)	Three (3) paper copies of the preliminary drainage plan	
38-44.4(d)(2)	The preliminary drainage plan shall be labeled as "Preliminary"	BB
38-44.4(d)(3)	The preliminary drainage plan shall be stamped by and dated by the engineer, professional	BB
38-44.5	If the development proposed is adjacent to or within the 100-year floodplain the following are required:	--
38-44.6(a)	No Development within a floodway.	--
38-44.6(b)(1)	All 100-year floodplains shall be maintained in an open natural condition	--
38-44.6(b)(2)(a)	The 100-year floodplain shall be dedicated on the final plat to the city as a single lot or may be owned and maintained by an HOA	--
38-44.6(b)(3)(b)	No portion of a single-family or two-family residential lot shall exist within the 100-year floodplain	--
38-44.5(b)(3)(c)	A fifteen-foot wide maintenance easement adjacent to the floodway	--
38-44.5(b)(3)(e)	All streets adjacent to a 100-year floodplain shall have a minimum ROW width of fifty (50) feet.	--
38-44.5(b)(3)(f)(2)	All streets adjacent to a 100-year floodplain shall have a minimum sixty (60) percent of the linear frontage	--
38-44.5(b)(3)(f)(3)(a)	Not more than one (1) cul-de-sac in a row adjacent to 100-year floodplain	--
38-44.5(b)(3)(f)(2)(b)(1)	A minimum fifty (50) percent of an adjacent cul-de-sac bulb shall be open to the 100-year floodplain and no residential lot shall encroach within the area between this line and the major creek.	--
38-44.5(b)(3)(f)(2)(b)(2)	An entry monument(s) or feature(s) as well as landscaping shall be provided at the end of the cul-de-sac and a pathway of a minimum twelve (12) feet in width shall be provided to the major creek	--
38-18.2(a)(3) 38-43.3	Preliminary utility plan	
Administrative	The preliminary utility plan shall show the location and width of all adjacent utility easements	BB
38-38.43.2(2)	Width of all proposed utility easements	BB
38-43.3(a)(1)	The preliminary utility plan shall show the location and size of water mains.	BB
38-43.3(a)(1)	The preliminary utility plan shall show the location and size of wastewater mains.	BB

38-43.3(a)(2)	The preliminary utility plan shall include plans and specifications for fire hydrant systems.	
38-43.4(b)	All water and wastewater utilities including connections within the ROW or easements shall be vested to the city.	BB
38-43.4(d)	No utility or service lines shall cross another lot.	BB
38-43.4(e)	Any utility adjacent to non-city government roads shall be constructed outside that ROW and in a separate easement unless agreed upon by non-city owner and Midwest City	BB
38-18.2(a)(5)	Preliminary site development plan	
Administrative	Finish floor elevations for all pad sites	BB
Administrative 13-69.7(2)	Drainage arrows on all lots showing the final grading and where the water will drain (not to drain over more than adjacent lot)	BB
Administrative 38-54.3(c)(1) 38-54.3(d)(1) 38-54.4	Required retaining walls and retaining wall easements	BB
Administrative	Existing contours with intervals not to exceed two (2) feet referenced to a United State Geological Survey or Geodetic Survey bench mark or monument.	BB
38-18.2(a)(6)	Street layout plan	
Administrative	The classification of every street within or adjacent to the development.	BB
38-45.4(b)	The streets within the development shall conform to the city's comprehensive plan.	BB
38-45.4(c)	The proposed street system shall extend all existing arterial streets and such collector and local streets as may be necessary for convenience of traffic circulation and emergency ingress and egress.	BB
38-45.4(d)	The street layout plan shall show all access points to existing roadways and be of the required number.	BB
38-45.4(e)	The street layout plan shall have two (2) connections to adjacent properties.	BB
38-45.4(n)	The street layout plan will have the names of all new proposed streets.	BB
38-45.4(o)	The street layout plan shall not have any proposed cul-de-sacs longer than five hundred (500) feet in length	BB
38-47	The location, size, and easements of all proposed pedestrian crosswalks, bike trails, horse trails, or other supplementary movement systems.	BB
38-18.2 (a) (7)	Street signage and striping plan	
Administrative	Proposed signage of development	BB
Administrative	Proposed striping if required	--
38-18.2 (a) (9)	Other plans	
Administrative	If fee in lieu of improvements: include quantities and cost estimates	
Engineering Comments and Recommendations:		
Associated Departments (Fire, Stormwater, and Utilities) Comments and Recommendations:		



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

Grubbs Consulting

Applicant: Tinker Villas LLC

Phone Number: 641-5878

Address: 39004 N. MacArthur

Site address: 8712 E. Main

#100
JKC

Preliminary Plat Requirements/Checklist – Planning

- ☒ Lot to be subdivided is less than 5 acres
☒ Lot to be subdivided has an area of more than 10,000 square feet

38-48.2	Zoning Compliance	
38-48.2	All lots shall conform to zoning district compliance.	X R-HD
38-48.4	Lot Shape	
38-48.4 (A) (B)	Lots shall generally be rectangular in shape. Flag lots are prohibited. Irregular lots shall meet all width, frontage and setback requirements as required by the zoning ordinance.	X
38-48.5	Lot Lines	
38-48.5 (A) (1)	Side lot lines shall be at ninety degree angles or radial to street Right-of-Way lines to the greatest extent possible.	X
38-48.5 (B) (1)	All lot lines shall align along County, school district and other jurisdictional boundary lines.	X
38-48.6	Lot Orientation Restrictions	
38-48.6 (A)	No single-family, two-family or townhome lot shall front onto or have a driveway onto any Arterial Street.	X
38-48.6 (B)	Lots are prohibited from backing to local streets.	X
38-48.7	Limits-of-No-Access – shown on preliminary plat	
38-48.7 (A)(1)	Low Density lots shall not derive access from an Arterial Street.	X
38-48.7 (A)(2)	Lots facing Collector Streets should be minimized to the fullest extent.	X
38-48.8	Lot Frontages	
38-48.8 (A)(1)	Each lot shall have adequate access to a street by having frontage on a street that is not less than 35' at the street Right-of-Way line. This also applies to lots fronting onto an eyebrow or bulb portion of a cul-de-sac.	X
38-48.8(B)(1)(a)	For single-family, two-family and townhomes, double frontage lots are prohibited from backing or having the side facing onto an Arterial Street without appropriate screening.	X
38-48.8(B)(1)(b)	Where lots back or side onto an Arterial Street, no driveway access is allowed onto the Arterial Street.	X NA
38-48.8(B)(2)	For multifamily and nonresidential lots, if lots have frontage on more than one street, a front building line must be established for each street.	NA
38-48.8(B)(3)	Residential lots should face the front of a similar lot, park or open space.	X
38-48.10	Lot and Block Numbering	
38-48.10(A)	All lots within each phase of a development are to be numbered consecutively	X



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

	within each block. Each block shall have alpha or numeric designations.	
38-48.11	Building Lines	
	Building lines along all streets shall be shown on the Preliminary Plats and shall conform with the minimum setbacks for front, side and rear yards as required by the zoning district.	X
38-48.12	Block Requirements	
38-48.12(B)(1)	Blocks for residential uses shall not be longer than 1,800 feet measured along the center line of the block.	X
38-48.12(B)(2)	When a block exceeds 600 feet in length, the Planning Commission may require a dedicated easement not less than 15 feet wide and a paved crosswalk not less than 4 feet wide to provide pedestrian access across the block.	NA
38-48.12(C)(1)	Blocks used for residential purposes should be of sufficient width to allow for two tiers of lots of appropriate depth.	NA
38-48.12(C)(2)	Exceptions to the prescribed block width shall be permitted for blocks adjacent to major streets, railroads or waterways.	NA
38-48.12(C)(3)	Blocks intended for business and industrial use should be of a width suitable for the intended use, with due allowance for off-street parking and loading facilities.	NA
38-48.14	Subdivision Name Requirement	
38-48.14(A)(1)	New subdivisions shall be named so as to prevent conflict or "sound-alike" confusion with names of other subdivisions.	X
38-48.14(A)(2)	Subdivisions with similar names shall be located in proximity to each other.	X
38-49.3	Subdivision Amenities – Where amenities are proposed in conjunction with a development, such amenities shall be reviewed and approved in accordance with the following:	No amenities proposed
38-49.3(A)	Preliminary plans and illustrations, along with a written statement of such concepts, shall be submitted for review and approval with the Preliminary Plat.	NA
38-49.3(B)	Plans for amenities shall then be incorporated into the screening plan and/or landscape plan for submittal as part of the construction plans.	
38-49.3(C)	Lighting plans for all outdoor amenities	
38-49.3(D)	Plans for structural elements shall be sealed by a licensed Professional Engineer and shall be considered for approval by the City.	
38-49.4	Design of Amenities	
38-49.4(A)(1)(a)	Entry features shall be constructed entirely on privately owned property and shall not suspend over a public Right-of-Way.	
38-49.4(A)(1)(b)	Minor elements of an entry feature may be placed within an entry street median upon Plat approval, provided that such street median is platted as a non-buildable lot and dedicated to a HOA for private ownership and maintenance.	
38-49.4(A)(1)(c)	An entry feature having a water pond, fountain or other water feature shall only be allowed if approved by the Planning Commission and City Council during the plat review process.	
38-	No entry feature, other than screening walls or extensions of screening walls,	



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

49.4(A)(1)(d)	may be constructed on any portion of a single-family, two-family or townhome					
38-49.4(A)(1)(e)	All such features shall be constructed on lots that are platted as "non-buildable" lots and dedicated to a HOA for private ownership and maintenance.			NA		
38-49.4(A)(2)	Entry features shall not encroach into the visibility triangle or otherwise impair pedestrian or vehicular visibility.					
38-49.4(A)(3)	The maximum height for entry features and structures shall be the maximum height of the governing zoning district as measured from the nearest street or sidewalk grade.					
38-49.4(B)	If private recreation facilities are provided, they shall be centrally located within the overall development to the greatest extent possible.					
38-49.4(C)	All outdoor amenities shall provide appropriate lighting.					
38-49.4(D)	A detention or retention pond shall be considered an amenity if it meets the following design considerations:					
38-49.4(D)(1)	Located between the building and street or completely bounded by streets					
38-49.4(D)(2)	Viewable from public space					
38-49.4(D)(4)	Accessible by patrons					
38-49.4(D)(5)	Seating area, public art or fountain					
38-49.4(D)(6)	One tree or planter at least 16 square feet for every 200 square feet of open space, and be located within or adjacent to the open space.					
38-50.2	Homeowners' Association (HOA) Applicability					
38-50.2(A)	Any one or more of the following elements created as part of a development shall require formation of a HOA prior to recordation of a final plat in order to maintain the amenity or facility:			Will be required		
38-50.2(A)(1)	Amenity			NO		
38-50.2(A)(2)	100-year Floodplain			NO		
38-50.2(A)(3)	Private streets			NO		
38-50.2(A)(4)	Thoroughfare screening			NO		
38-50.2(A)(5)	Detention or retention ponds			Yes		
38-50.2(A)(6)	Private park			NO		
38-51.2	Applicability of Parks and Open Space Dedication					
	This shall apply to all residential subdivision plats having a dwelling unit density of greater than one unit per net acre					
38-51.5(A)	The acreage to be contributed concurrent with the final approval by the City Council of any residential subdivision plat shall be determined by the following formula:			Park Land Renew Com Voted to a fee in lieu		
	Two acres	X (multiplied by)	Each 1,000 persons projected to occupy the fully developed subdivision		=	Amount of land to be contributed
	Which is					

Park Land
 Review Committee
 voted to allow a
 fee in lieu of
 park land



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

	.002 acres	X (multiplied by)	Number of person per dwelling unit	X (multiplied by)	# of dwelling units projected for subdivision	=	Amount of land to be contributed	
38-51.6	Suitability of land							
38-51.6(A)(1)	The dedicated land should form a single parcel or tract of land at least 3 acres in size unless the Parkland Review Committee determines that a smaller tract would be in the public interest.							NA- fee in lieu
38-52.3	Design requirements for parks and open space							
38-52.3(A)	Parks and open spaces shall be bounded by a street or by other public uses.							
38-52.3(B)(1)	Single-family and two-family residential lots shall be oriented such that they front or side onto parks and open spaces but do not back to them.							
38-52.3(B)(2)	Residential lots shall only be allowed to back onto a park or open space when:							
38-52.3(B)(2)(a)	A trail is provided within the related park or open space.							
38-52.3(B)(2)(b)	The sites physical character does not reasonably accommodate an alternative design or the layout of the subdivision complements the use of the use of park or open space (e.g., lots backing to a golf course.)							
38-52.3(C)(1)	A proposed development adjacent to a park or open space shall not be designed to restrict public visibility or reasonable access from other area developments.							
38-52.3(C)(2)	Street connections to existing or future adjoining subdivisions shall be required to provide reasonable access to parks and open space areas.							
38-52.3(D)(1)	Where a non-residential use must directly abut a park or open space area, the use shall be oriented such that it sides, and does not back onto the park or open space area if at all possible							
38-52.3(D)(2)	Nonresidential uses shall be separated from the park or open space by a minimum 6 foot tall decorative metal fence with an irrigated living screen.							
38-52.3(E)	Alleys should not be designed to encourage their use as a means of vehicular, bike or pedestrian travel to the park.							
38-52.3(F)(1)	Public access into parks and open spaces shall not be less than 50' in width at the public Right-of-Way line, at the street curb, and at any other public access point.							
38-52.3(F)(2)	Such access shall not be part of a residential lot or other private property.							
38-52.8	Hike-and-Bike Trail Requirements							NA No trails proposed in area
38-52.8(B)	Hike-and-Bike trails, especially those providing access too and along 100-year Floodplains and other open spaces, shall be in accordance with the following design criteria:							
38-52.8(B)(1)	A minimum 30' wide level ground surface shall be provided for a 10' wide public hike-and-bike trail. The 30' wide level ground surface (compliant with ADA) may be provided within and/or outside of the 100-year floodplain.							
38-52.8(B)(2)	The Right-of-Way of a public street may count towards the 30' wide, ADA compliant level ground surface upon approval from the Director of Community Services.							



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

38-52.8(B)(4)	The hike-and-bike trail shall be designed to minimize visibility blind spots from public streets for public safety purposes.	NA
38-52.8(C)(1)	The Director of Community Services shall have the authority to determine the placement of a public hike-and-bike trail at the time of the preliminary plat review and approval.	
38-52.8(C)(2)	The location of such trails shall be safe and economical.	
38-52.8(C)(3)	No development shall interrupt future trail routes or otherwise hinder efficient public access to or from an existing or future planned trail.	
38-52.8(D)(1)	The location of trails within developments adjacent to or within a 100-year Floodplain recognized on the Trails Master Plan shall be coordinated with the Director of Community Services and shall be staked in the field by the developer and approved by the Director of Community Services prior to the submittal of a preliminary plat.	
38-52.8(D)(2)	The location of the trail shall be specified on the preliminary plat as the approved location for the hike-and-bike trail, and an easement for such shall be shown on the preliminary plat and final plat for any portions of the trail that traverse private property.	
38-52.8(E)	When development is adjacent to an undeveloped property, a pedestrian access stub-out in conjunction with a street connection to the edge of the development shall be required to allow for future access between developments as indicated on the Trails Master Plan.	NA < 5 acres Not required
38-53.4	Tree Canopy Management Plan	
38-53.4	A Tree Canopy Management Plan shall be required as part of the preliminary plat. This only applies to sites five acres or larger.	
38-53.5(B)(1)	The applicant shall prepare a Tree Canopy Management Plan and shall submit the plan as part of the preliminary plat application.	
38-53.5(B)(2)	Within the Tree Canopy Management Plan, the applicant shall provide the following information:	
38-53.5(B)(2)(a)	Pre-development tree canopy coverage (as determined by the City)	
38-53.5(B)(2)(b)	Post-development tree canopy coverage (as determined by the applicant)	
38-53.5(B)(2)(c)	Visual identification of tree canopy to be removed.	
38-53.5(C)(1)	Tree Canopy Management Plan shall be reviewed by the Director of Community Development for compliance with all standards.	
38-53.5(C)(2)	After reviewing the Tree Canopy Management Plan, the Director of Community Development shall make a recommendation to the Planning Commission and City Council. The Director must act within 30 days of the official filing date of the preliminary plat application.	
38-53.6	Tree Preservation Requirements	
38-53.6(A)	Option A (Standard Option) – Only trees in the following areas may be removed:	



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

38-53.6(A)(1)	The Tree Canopy or any tree located within any street Right-of-Way may be removed.	NA
38-53.6(A)(2)	The Tree Canopy or any tree located within any area dedicated for water, wastewater, drainage and other similar infrastructure needs may be removed.	
38-53.6(A)(3)	The Tree Canopy or any tree located within any area required by the subdivision ordinance for a site feature, such as a screening wall, may be removed.	
38-53.6(B)	Option B (Alternative Compliance)	
38-53.6(B)(1)	The applicant may elect to develop a site using the Residential Cluster Development option.	
38-53.6(B)(2)	In the design of the Tree Canopy Management Plan, if a Residential Cluster Development Option is used, only the Tree Canopy or trees within the designated open space areas shall be preserved.	
38-53.7	Tree Mitigation Plan – Required if trees are removed prior to approval of a Tree Canopy Management Plan	
38-53.7(B)(2)	Tree Mitigation Requirements:	
38-53.7(B)(2)(a)	The applicant shall calculate the area of Tree Canopy that should have been preserved under Option A or Option B.	
38-53.7(B)(2)(b)	The resulting calculation shall be the amount of Tree Canopy that shall be restored.	
38-53.7(B)(2)(c)	Replacement trees shall be required to cover an area equal to the calculated restoration area.	
38-53.7(B)(2)(d)	The applicant shall calculate the number of replacement trees needed to cover the calculated restoration area.	
38-53.7(B)(2)(e)	In calculating the area for replacement trees, the mature size of replacement trees shall be used.	
38-53.7(B)(2)(f)	In calculating the area for replacement trees, only large trees shall be used.	
38-53.7(B)(2)(g)	Tree Canopy coverage at maturity is to be obtained through the planting of 2.5 inch caliper trees at spacing that will meet the calculated restoration area.	
38-53.7(B)(2)(h)	Replacement trees shall be a minimum 2.5 inch caliper trees.	
38-53.7(B)(2)(i)	Replacement trees shall be planted at spacing that will meet the calculated restoration area.	
38-53.7(B)(2)(j)	The Tree Canopy Management Plan shall show graphically the location of each replacement tree.	
38-53.7(B)(2)(k)	The number of replacement trees shall be shown in a tabular format and indicated the tree species and area of coverage assumptions for each tree species at maturity.	
38-53.7(B)(2)(l)	Replacement trees shall be planted prior to the approval of a final plat.	
38-53.7(B)(3)	Alternative Tree Mitigation Requirements	



The City of
MIDWEST CITY
 COMMUNITY DEVELOPMENT DEPARTMENT
 CURRENT PLANNING DIVISION

Administrative	
One digital copy of the preliminary plat	X
Three 24x36 copies of the preliminary plat to scale	NA - allowed digital submission
Name of subdivision centered at the top of the preliminary plat.	X
Name of city, county, state, section, township and range centered and printed at the top of the preliminary plat.	X
Name and address of the owner of record, the subdivider, the owners engineer and the registered surveyor preparing the plat.	X
Legal description of the property to be subdivided, including the acreage and number of proposed lots in the subdivision.	owner will check and be shown on final plat
Key map showing the location of the property to be subdivided referenced to existing or proposed arterial streets or highways.	X

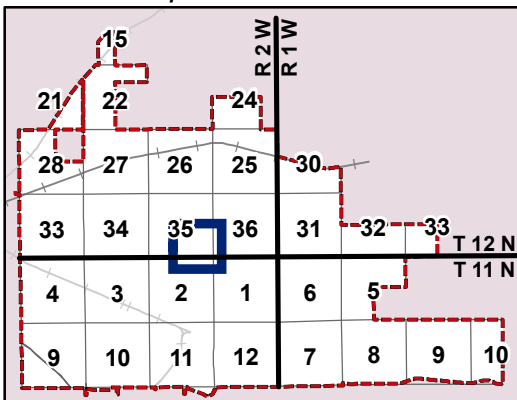
Preliminary Plat Requirements/Checklist - Zoning

5.14.1	Lot Variety Required (required for areas 5 acres or larger)	NA- This family development
5.14.1(A)	Applicability – This section only applies to single-family residential developments of 5 acres or larger.	
5.14.1(B)(1)	15% of lots within a development shall be larger than the minimum lot size. Lots shall be increased at least 20% of the minimum lot size.	
5.14.1(B)(2)	15% of lots within a development may be smaller than the minimum lot size. Lot sizes shall not be reduced greater than 20% of the minimum lot size.	
5.14.1(C)	Single-family lots shall not be smaller than 6,000 square feet.	
5.14.1(D)	Lots of various sizes shall be evenly distributed throughout a development.	

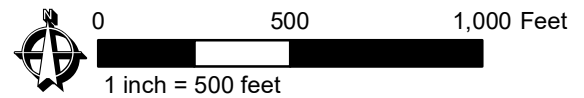
Additional Notes:



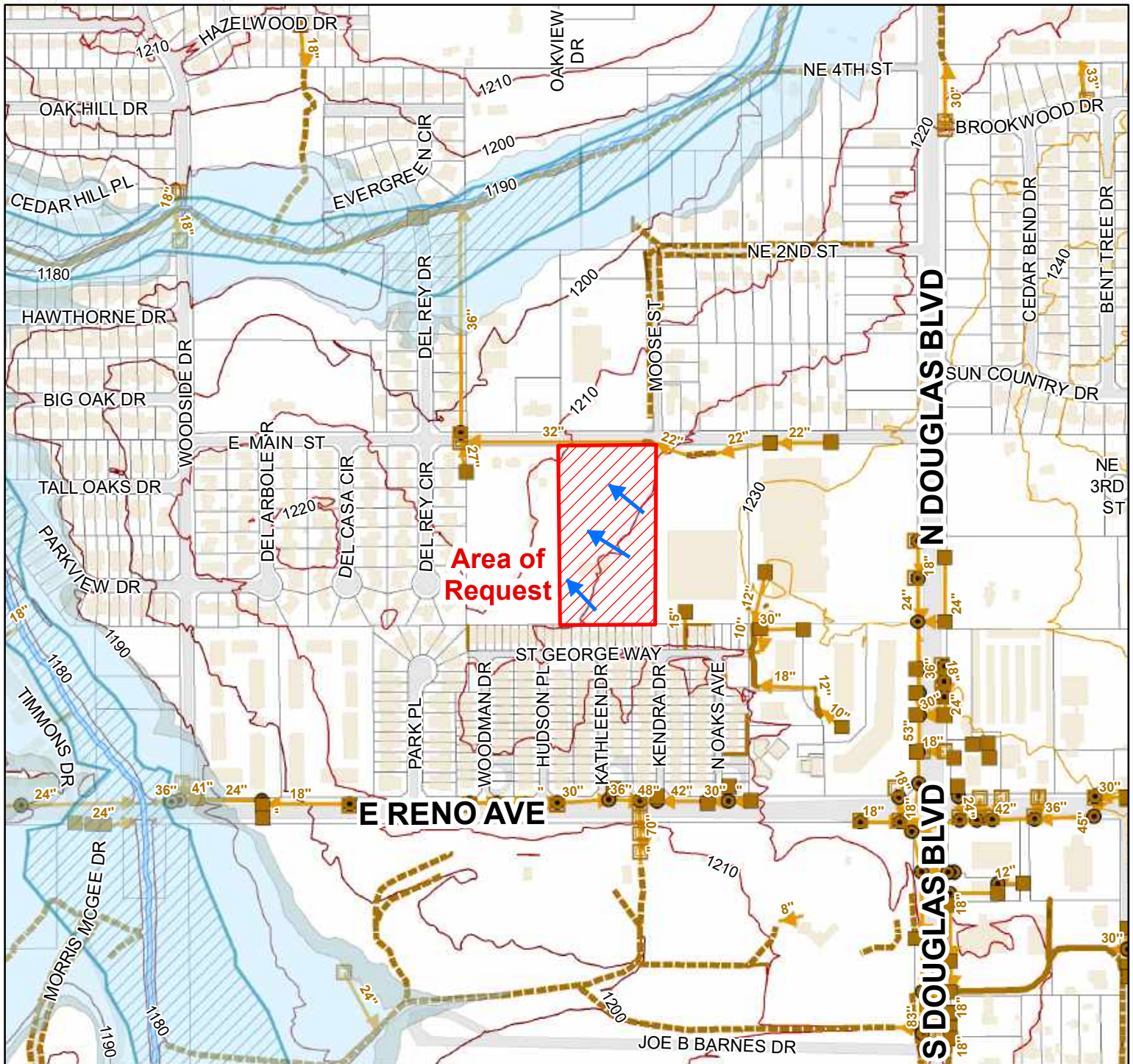
Locator Map



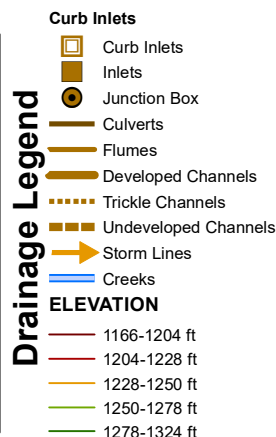
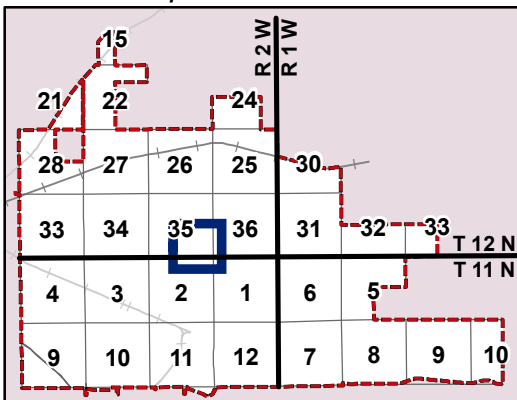
3/2020 NEARMAP AERIAL VIEW FOR PC-2047 (SE/4, Sec. 35, T12N, R2W)



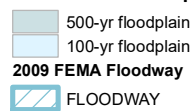
THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.



Locator Map



2009 FEMA Floodplains



DRAINAGE LOCATION MAP FOR PC-2047

(SE/4, Sec. 35, T12N, R2W)



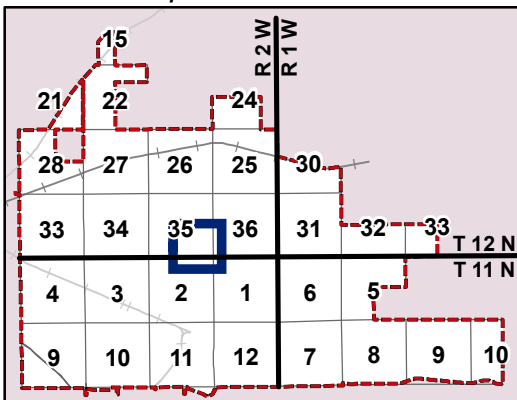
0 500 1,000 Feet

1 inch = 500 feet

THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.



Locator Map



Water/Sewer Legend

- Fire Hydrants
- Water Lines
 - Distribution
 - Well
 - - - OKC Cross Country
 - - - Sooner Utilities
 - - - Thunderbird
 - - - Unknown
- Sewer Manholes
- - - Sewer Lines

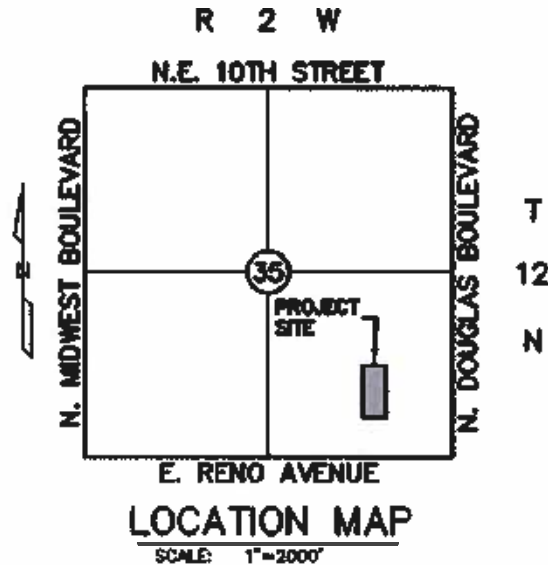
WATER/SEWER LINE LOCATION MAP FOR PC-2047 (SE/4, Sec. 35, T12N, R2W)



THIS MAP IS A GENERAL INFORMATION PUBLIC RESOURCE. THE CITY OF MIDWEST CITY MAKES NO WARRANTY, REPRESENTATION OR GUARANTEE AS TO THE CONTENT, ACCURACY, TIMELINESS OR COMPLETENESS OF ANY OF THE INFORMATION PROVIDED ON THIS MAP. ANY PARTY'S USE OR RELIANCE ON THIS MAP OR ANY INFORMATION ON IT IS AT THAT PARTY'S OWN RISK AND WITHOUT LIABILITY TO THE CITY OF MIDWEST CITY, ITS OFFICIALS OR ITS EMPLOYEES FOR ANY DISCREPANCIES, ERRORS OR VARIANCES THAT MAY EXIST.

FREEDOM VILLAS

PRELIMINARY STORMWATER MANAGEMENT & DRAINAGE PLAN



**8712 East Main Street
Midwest City, OK**

June 19th, 2020



RUBBS CONSULTING, LLC
CIVIL ENGINEERING & LAND PLANNING
1800 S. Sara Road
Yukon, OK 73099
Phone: (405) 265-0641
Fax: (405) 265-0649

TABLE OF CONTENTS

REPORT SUMMARY

<i>PROJECT DESCRIPTION.....</i>	<i>1</i>
<i>DRAINAGE SUMMARY.....</i>	<i>1</i>
<i>DETENTION SUMMARY.....</i>	<i>1</i>
<i>CONCLUSIONS & RECOMMENDATIONS.....</i>	<i>2</i>

APPENDIX

DETENTION CALCULATIONS

Drainage Area Maps

- Historic Drainage Area Map
- Proposed Drainage Area Map

Hydrologic Runoff Worksheets

- Historic Drainage Area (H1)
- Historic Drainage Area (H2)
- Proposed Drainage Area (P1)
- Bypass Drainage Area (B1)
- Bypass Drainage Area (B2)
- Bypass Drainage Area (B3)
- Bypass Drainage Area (B2+B3)

Proposed Detention Calculations

- HydroCAD Reports

DRAINAGE CALCULATIONS

Hydrologic Runoff Worksheets

- Drainage Area to Street Inlet
- Drainage Area to Curb Opening
- Drainage Area to Field Inlet

REPORT SUMMARY

PROJECT DESCRIPTION

This project will develop a 5.01-acre tract of land into single-family/duplex structured housing. The subject tract currently has a single-family residence that will be demolished prior to construction beginning. The site is located on the south side of East Main Street and 0.21 miles west of North Douglas Boulevard and is a part of the Southeast Quarter of Section 35, T12N, R2W of the Indian Meridian, Oklahoma County, Oklahoma.

The North Oaks Addition is adjacent to the south, single-family is adjacent to the west and commercial development is adjacent to the east of the subject property.

This Preliminary Stormwater Management and Drainage Plan addresses the preliminary design and control of the storm water runoff for the proposed development.

DRAINAGE SUMMARY

The site currently contains a single residence and consists of vegetative cover with moderate tree coverage. Stormwater runoff currently flows from southeast to northwest and discharges offsite at two locations. Each of the discharge locations were evaluated to determine the historic discharge amounts at these locations. The calculated discharge amount was then used as the maximum allowed discharge at those locations for the proposed development. The site is proposed to be developed in a manner as not to change the direction or rate of the historic storm water runoff.

The developments stormwater management and drainage will be designed in accordance with the City of Midwest City Drainage Ordinance.

DETENTION AND STORM SEWER SUMMARY

Approximately 3.60 acres of the developed site will be routed through a detention pond to regulate the site runoff to be at or below that of the calculated historic discharge rate. The detention pond was sized accordingly to meet these criteria using HydroCAD software. The proposed detention pond calculations can be found in the appendix. The detention pond outlet will be tied into the existing 36" corrugated metal pipe underground storm sewer running along the south right-of-way of east main street.

Standard street inlets will be utilized to route stormwater runoff from the street to the proposed detention pond. These inlets were sized to capture the 100-year storm event.

The existing storm sewer located at the northeast corner of the site currently has approximately 27 ft of open channel between the outlet of a 24" corrugate metal pipe and the inlet of a 36" corrugated metal pipe. This open channel will be removed, and a closed conduit will be installed along with a junction box in order to make all the storm sewer in this area underground.

The small area located at the southwest portion of the site draining into Patriot Drive will be allowed to pass through a 3' wide curb opening to prevent water from standing at the west end of Patriot Drive.

The below summary table compares the historic and proposed discharge amounts.

Detention Summary Table			
Drainage Area	Release Rate (CFS)	Drainage Area	Release Rate (CFS)
H2	10.79	H1+H2	17.53
B2+B3	8.59	P1+B1+B2+B3	17.43
Difference	-2.20	Difference	-0.10

CONCLUSIONS & RECOMMENDATIONS

The detention calculations show that the proposed development will provide for a functional drainage system that meets the City of Midwest City drainage regulations per the subdivision regulations.

It is hereby requested that the City of Midwest City accept this Preliminary Stormwater Management and Drainage Plan and approve the Preliminary Plat.

DETENTION CALCULATIONS

DRAINAGE AREA MAPS

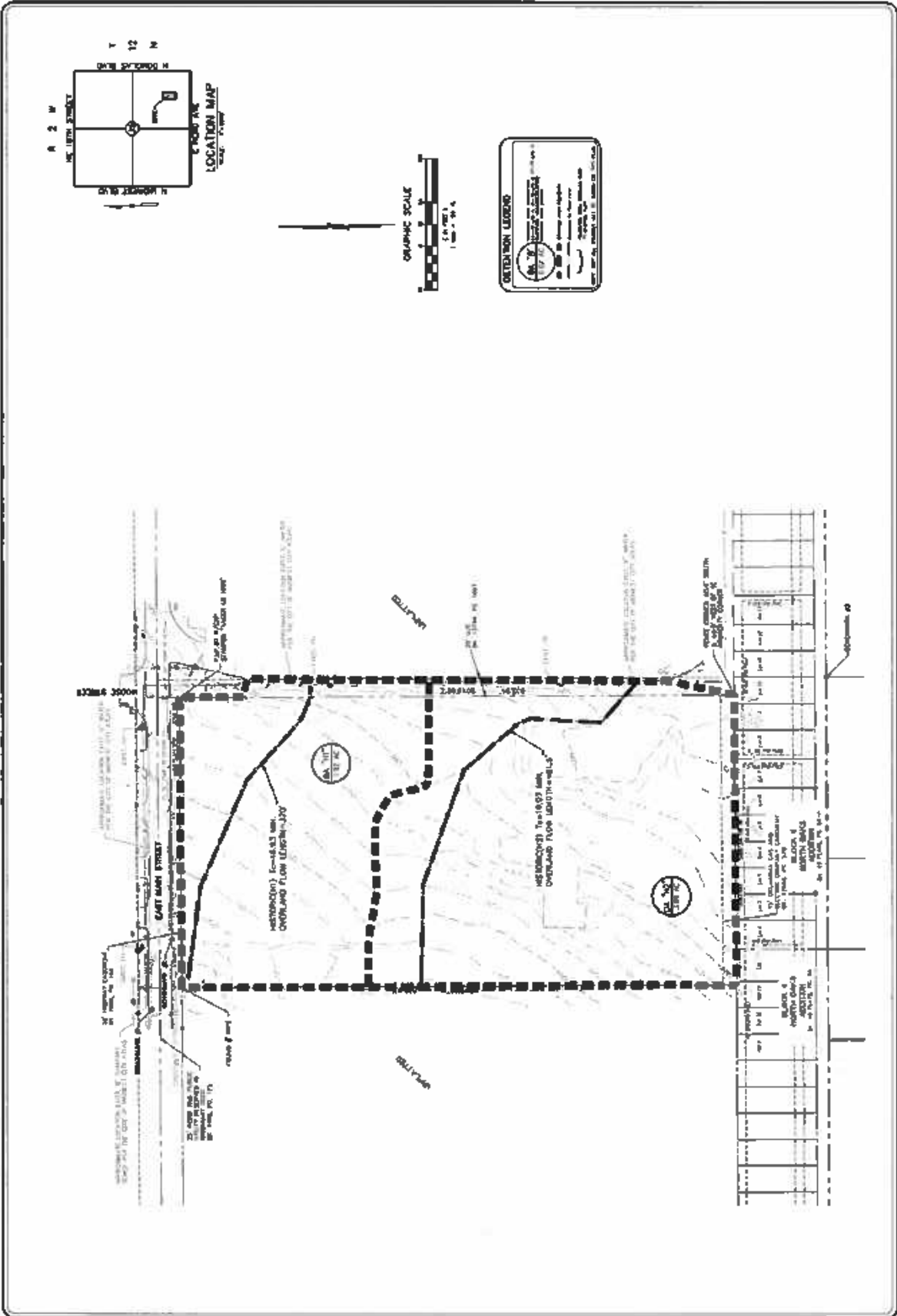
GRUBBS CONSULTING LLC
 1000 N. 10TH STREET, SUITE 100
 DENVER, CO 80202
 (303) 733-1111
 www.grubbsconsulting.com



FREEDOM VILLAS
 HISTORIC DRAINAGE AREA MAP
 8712 EAST 10TH STREET
 DENVER, CO 80231

NO.	REVISIONS	DATE
1	ISSUED FOR PERMIT	10/1/2018
2	REVISED FOR COMMENTS	10/1/2018
3	REVISED FOR COMMENTS	10/1/2018
4	REVISED FOR COMMENTS	10/1/2018
5	REVISED FOR COMMENTS	10/1/2018
6	REVISED FOR COMMENTS	10/1/2018
7	REVISED FOR COMMENTS	10/1/2018
8	REVISED FOR COMMENTS	10/1/2018
9	REVISED FOR COMMENTS	10/1/2018
10	REVISED FOR COMMENTS	10/1/2018

DAH
 DENVER AREA HYDROLOGICAL
 ASSOCIATION



CHUBB CONSULTING LLC
 CIVIL ENGINEERING & LAND PLANNING
 1000 N. 10TH STREET, SUITE 200
 OKLAHOMA CITY, OKLAHOMA 73102
 (405) 241-1111
 www.chubbconsulting.com

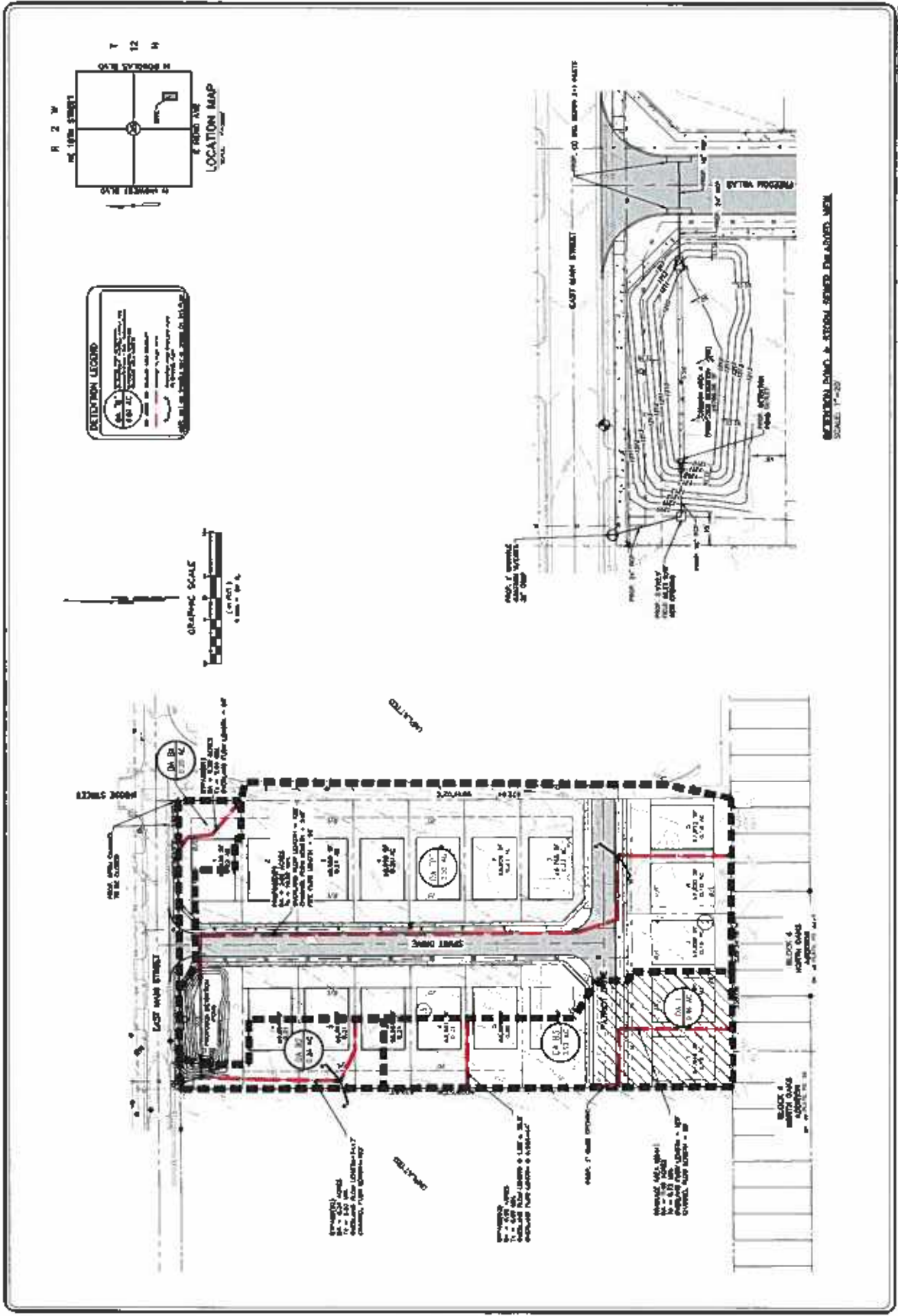


FREEDOM VILAS
 PROPOSED
 DRAINAGE AREA MAP
 4512 E. 15TH STREET
 OKLAHOMA CITY, OKLAHOMA 73102

NO.	DESCRIPTION	DATE
1	PREPARED	12/15/2023
2	REVISION	
3	REVISION	
4	REVISION	
5	REVISION	

DAP
 DRAINAGE AREA PLAN

35-033



FREEDOM VILAS

HISTORIC RUNOFF WORKSHEETS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: **H1**
 Drainage Basin Total Area: **1.92 Acres**
 Weighted Runoff Coefficient (C): **0.50**
 Time of Concentration: **16.93 Min.**

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.75	Q2= 3.60
I5= 4.51	Q5= 4.33
I10= 5.13	Q10= 4.93
I25= 5.95	Q25= 5.71
I50= 6.76	Q50= 6.49
I100= 7.51	Q100= 7.21

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	1.92	0.50	0.96
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.00	0.70	0.00
Apartments	0.00	0.85	0.00
Total Area:	1.92		0.96
Weighted C:			0.50

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstream</u> <u>Elev.</u>	<u>Downstream</u> <u>Elev.</u>	<u>Reach</u> <u>Length (ft)</u>	<u>Slope (%)</u>	<u>Overland</u> <u>Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1224.00	1209.00	370.09	4.05	Avg. Grass	1.000	16.93
Reach 2:							

Channel Flow Tc:

	<u>Channel</u> <u>Length (ft)</u>	<u>Velocity</u> <u>(fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length</u> <u>(ft)</u>	<u>Velocity</u> <u>(fps)</u>	
Reach 1:			0.00
Reach 2:			0.00
Total Tc:			16.93

(For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = $A/(B - T_c)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.75	Q2= 3.60
I5= 4.51	Q5= 4.33
I10= 5.13	Q10= 4.93
I25= 5.95	Q25= 5.71
I50= 6.76	Q50= 6.49
I100= 7.51	Q100= 7.21

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: **H2**
 Drainage Basin Total Area: **3.09 Acres**
 Weighted Runoff Coefficient (C): **0.50**
 Time of Concentration: **19.97 Min.**

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.45	Q2= 6.33
I5= 4.19	Q5= 6.48
I10= 4.77	Q10= 7.37
I25= 5.53	Q25= 8.54
I50= 6.29	Q50= 9.71
I100= 6.99	Q100= 10.79

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	3.09	0.50	1.55
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.00	0.70	0.00
Apartments	0.00	0.85	0.00
Total Area	3.09		1.55
Weighted C:			0.50

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstrm Elev.</u>	<u>Downstr. Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1226.80	1212.80	481.49	2.89	Avg. Grass	1.000	19.97
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:		5.00	0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 19.97
 (For Tc < 5 min, Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = $A / (B + T_c)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = C(I)(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.45	Q2= 5.33
I5= 4.19	Q5= 6.48
I10= 4.77	Q10= 7.37
I25= 5.53	Q25= 8.54
I50= 6.29	Q50= 9.71
I100= 6.99	Q100= 10.79

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

PROPOSED RUNOFF WORKSHEETS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: P
Drainage Basin Total Area: 3.66 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 10.22 Min.

I (in/hr)	Q (cfs)
I2= 4.66	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.82
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

Undeveloped Land Uses:	Drainage Area (Acres)	Runoff Coefficient (C)	DA * C
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	3.60	0.70	2.52
Apartments	0.00	0.85	0.00
Total Area:	3.60		2.52
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	Upstream Elev.	Downstream Elev.	Reach Length (ft)	Slope (%)	Overland Condition	K	Tc (Min.)
Reach 1:	1225.48	1224.45	128.00	0.80	Residential	0.511	8.07
Reach 2:							

Channel Flow Tc:

	Channel Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:	548.00	4.50	2.03
Reach 2:			0.00

Pipe Flow Tc:

	Pipe Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:	55.00	7.50	0.12
Reach 2:			0.00
Total Tc:			10.22

(For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = A / (B + Tc)^E (A, B & E obtained from table to right)
 Runoff (Q) = C * (DA)

I (in/hr)	Q (cfs)
I2= 4.66	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.82
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: **B1**
 Drainage Basin Total Area: **0.20 Acres**
 Weighted Runoff Coefficient (C): **0.70**
 Time of Concentration: **5.44 Min.**

<i>I</i> (in/hr)	<i>Q</i> (cfs)
I2= 6.70	Q2= 0.80
I5= 6.44	Q5= 0.90
I10= 7.34	Q10= 1.03
I25= 8.50	Q25= 1.19
I50= 9.66	Q50= 1.35
I100= 10.74	Q100= 1.50

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

Undeveloped Land Uses:	Drainage Area (Acres)	Runoff Coefficient (C)	DA * C
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.20	0.70	0.14
Apartments	0.00	0.85	0.00
Total Area:	0.20		0.14
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	Upstream Elov.	Downstream Elov.	Reach Length (ft)	Slope (%)	Overland Condition	K	Tc (Min.)
Reach 1:	1219.41	1216.14	96.00	3.41	Residential	0.511	5.44
Reach 2:							

Channel Flow Tc:

	Channel Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	Pipe Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 5.44
 (For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q) = CI(DA)

<i>I</i> (in/hr)	<i>Q</i> (cfs)
I2= 6.70	Q2= 0.80
I5= 6.44	Q5= 0.90
I10= 7.34	Q10= 1.03
I25= 8.50	Q25= 1.19
I50= 9.66	Q50= 1.35
I100= 10.74	Q100= 1.50

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/19/2020

Drainage Area Designation: **6.2**
 Drainage Basin Total Area: 0.34 Acres
 Weighted Runoff Coefficient (C): 0.70
 Time of Concentration: 5.53 Min.

I (in/hr)	Q (cfs)
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

Undeveloped Land Uses:	Drainage Area (Acres)	Runoff Coefficient (C)	DA * C
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.34	0.70	0.24
Apartments	0.00	0.85	0.00
Total Area:	0.34		0.24
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	Upstream Elev.	Downstream Elev.	Reach Length (ft)	Slope (%)	Overland Condition	K	Tc (Min.)
Reach 1:	1215.50	1212.10	74.17	4.58	Residential	0.511	4.66
Reach 2:							

Channel Flow Tc:

	Channel Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:	183.00	3.50	0.87
Reach 2:			0.00

Pipe Flow Tc:

	Pipe Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00
Total Tc:			5.53

(For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = $A/(B + T_c)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = CI(DA)

I (in/hr)	Q (cfs)
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: B3 Bypass to H2 Discharge Point
 Drainage Basin Total Area: 0.92 Acres
 Weighted Runoff Coefficient (C): 0.70
 Time of Concentration: 8.08 Min.

I (in/hr)	Q (cfs)
I2= 5.07	Q2= 3.27
I5= 5.84	Q5= 3.76
I10= 6.66	Q10= 4.29
I25= 7.71	Q25= 4.97
I50= 8.77	Q50= 5.65
I100= 9.74	Q100= 6.27

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

Undeveloped Land Uses:	Drainage Area (Acres)	Runoff Coefficient (C)	DA * C
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.92	0.70	0.64
Apartment	0.00	0.85	0.00
Total Area:	0.92		0.64

Weighted C: 0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	Upstm Elev.	Dwnstm Elev.	Reach Length (ft)	Slope (%)	Overland Condition	K	Tc (Min.)
Reach 1:	1218.00	1217.64	35.50	1.01	Residential	0.511	4.83
Reach 2:	1217.64	1213.26	44.00	9.95	Residential	0.511	3.29

Channel Flow Tc:

	Channel Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	Pipe Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 8.08
 (For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = A/(B + I_c) * E (A, B & E obtained from table to right)
 Runoff (Q) = C I (DA)

I (in/hr)	Q (cfs)
I2= 5.07	Q2= 3.27
I5= 5.84	Q5= 3.76
I10= 6.66	Q10= 4.29
I25= 7.71	Q25= 4.97
I50= 8.77	Q50= 5.65
I100= 9.74	Q100= 6.27

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: B2+B3 Combined Bypass to West
Drainage Basin Total Area: 1.26 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 8.08 Min.

I (in/hr)	Q (cfs)
I2= 5.07	Q2= 4.47
I5= 5.84	Q5= 5.15
I10= 6.66	Q10= 5.87
I25= 7.71	Q25= 6.80
I50= 8.77	Q50= 7.73
I100= 9.74	Q100= 8.58

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

Undeveloped Land Uses:	Drainage Area (Acres)	Runoff Coefficient (C)	DA * C
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	1.26	0.70	0.88
Apartments	0.00	0.85	0.00
Total Area:	1.26		0.88

Weighted C: 0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	Upstr. Elev.	Downstr. Elev.	Reach Length (ft)	Slope (%)	Overland Condition	K	Tc (Min.)
Reach 1:	1215.50	1215.14	35.50	1.01	Residential	0.511	4.80
Reach 2:	1217.64	1213.26	44.00	9.95	Residential	0.511	3.29

Channel Flow Tc:

	Channel Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	Pipe Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 8.08
 (For Tc < 5 min., Use Tc = 5 min.)

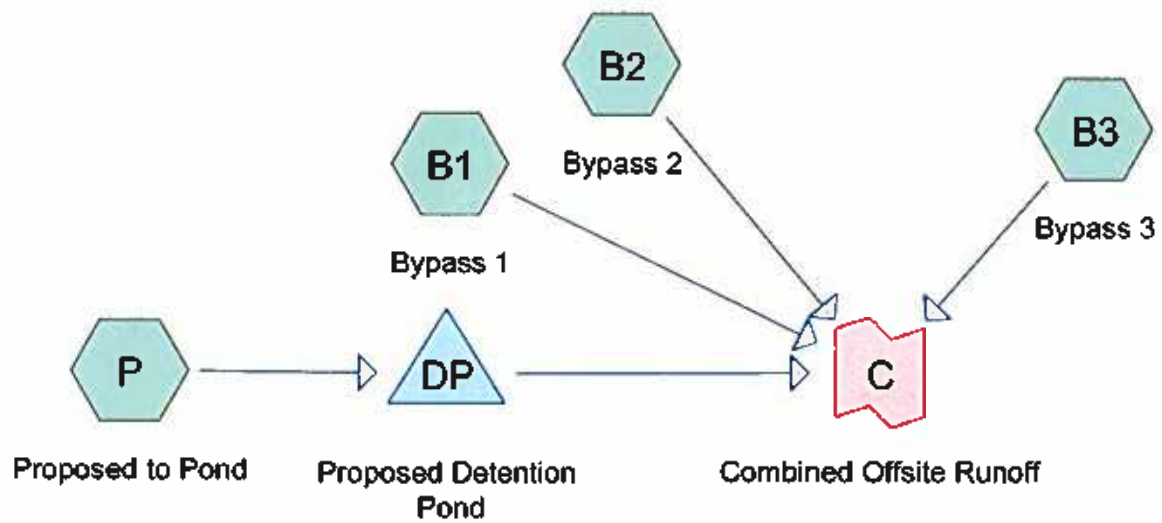
Runoff (Q) Supporting Calculations

Intensity (I) = $A/(B \times T_c)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = C(I)(DA)

I (in/hr)	Q (cfs)
I2= 5.07	Q2= 4.47
I5= 5.84	Q5= 5.15
I10= 6.66	Q10= 5.87
I25= 7.71	Q25= 6.80
I50= 8.77	Q50= 7.73
I100= 9.74	Q100= 8.58

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	105	15	0.8
100-Year	120	15	0.8

HYDROCAD REPORTS



Routing Diagram for Freedom Villas-Prelim Detention
Prepared by Grubbs Consulting, LLC, Printed 6/18/2020
HydroCAD® 10.10-3a s/n 05006 © 2020 HydroCAD Software Solutions LLC

Freedom Villas-Prelim Detention

Prepared by Grubbs Consulting, LLC

Printed 6/18/2020

HydroCAD® 10.10-3a s/n 05006 © 2020 HydroCAD Software Solutions LLC

Page 2

Area Listing (all nodes)

Area (acres)	C	Description (subcatchment-numbers)
5.010	0.70	(B1, B2, B3, P)
5.010	0.70	TOTAL AREA

Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

SubcatchmentB1: Bypass 1	Runoff Area=0.200 ac 0.00% Impervious Runoff Depth=1.38" Tc=5.4 min C=0.70 Runoff=1.11 cfs 0.023 af
SubcatchmentB2: Bypass 2	Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=1.38" Tc=5.5 min C=0.70 Runoff=1.90 cfs 0.039 af
SubcatchmentB3: Bypass 3	Runoff Area=0.920 ac 0.00% Impervious Runoff Depth=1.38" Tc=8.1 min C=0.70 Runoff=5.13 cfs 0.106 af
SubcatchmentP: Proposed to Pond	Runoff Area=3.550 ac 0.00% Impervious Runoff Depth=1.38" Tc=10.2 min C=0.70 Runoff=19.79 cfs 0.409 af
Pond DP: Proposed Detention Pond	Peak Elev=1,212.82' Storage=9,386 cf Inflow=19.79 cfs 0.409 af 15.0' Round Culvert n=0.012 L=40.0' S=0.0027 ' Outflow=10.17 cfs 0.409 af
Link C: Combined Offsite Runoff	Inflow=17.43 cfs 0.577 af Primary=17.43 cfs 0.577 af

Total Runoff Area = 5.010 ac Runoff Volume = 0.577 af Average Runoff Depth = 1.38"
100.00% Pervious = 5.010 ac 0.00% Impervious = 0.000 ac

Summary for Subcatchment B1: Bypass 1

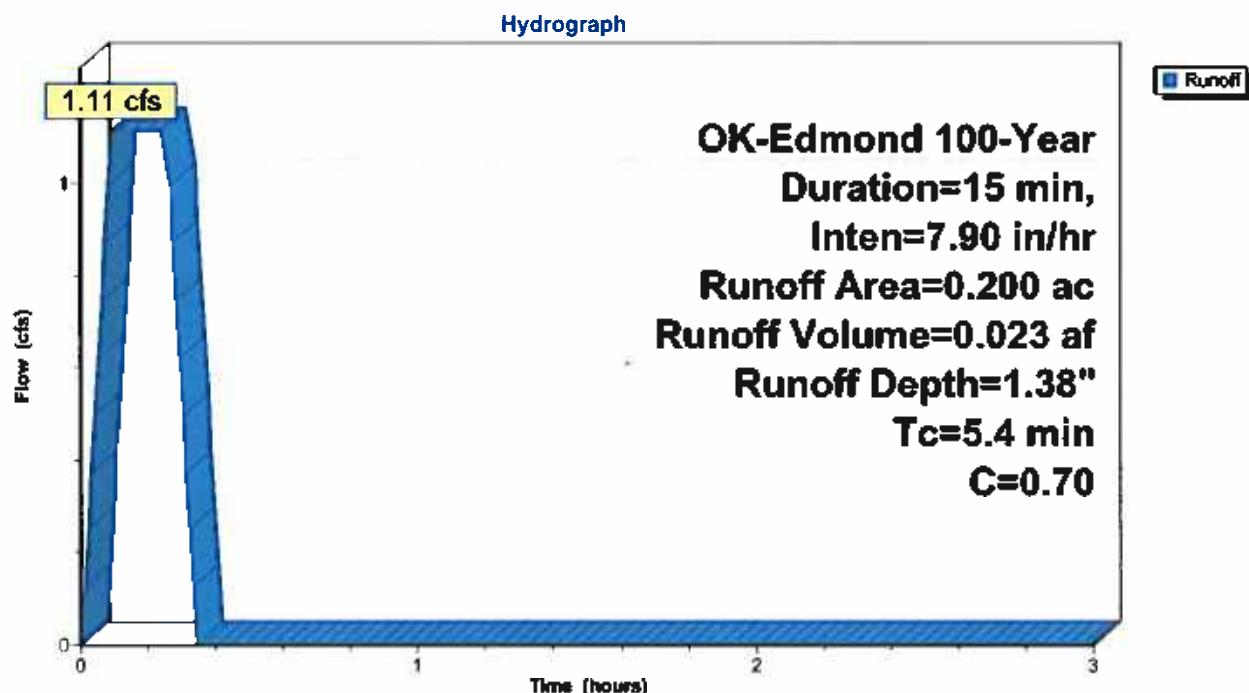
Runoff = 1.11 cfs @ 0.09 hrs, Volume= 0.023 af, Depth= 1.38"

Runoff by Rational method, Rise/Fall=1.0/1.0 x Tc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
0.200	0.70	
0.200		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.4					Direct Entry,

Subcatchment B1: Bypass 1



Summary for Subcatchment B2: Bypass 2

Runoff = 1.90 cfs @ 0.10 hrs, Volume= 0.039 af, Depth= 1.38"

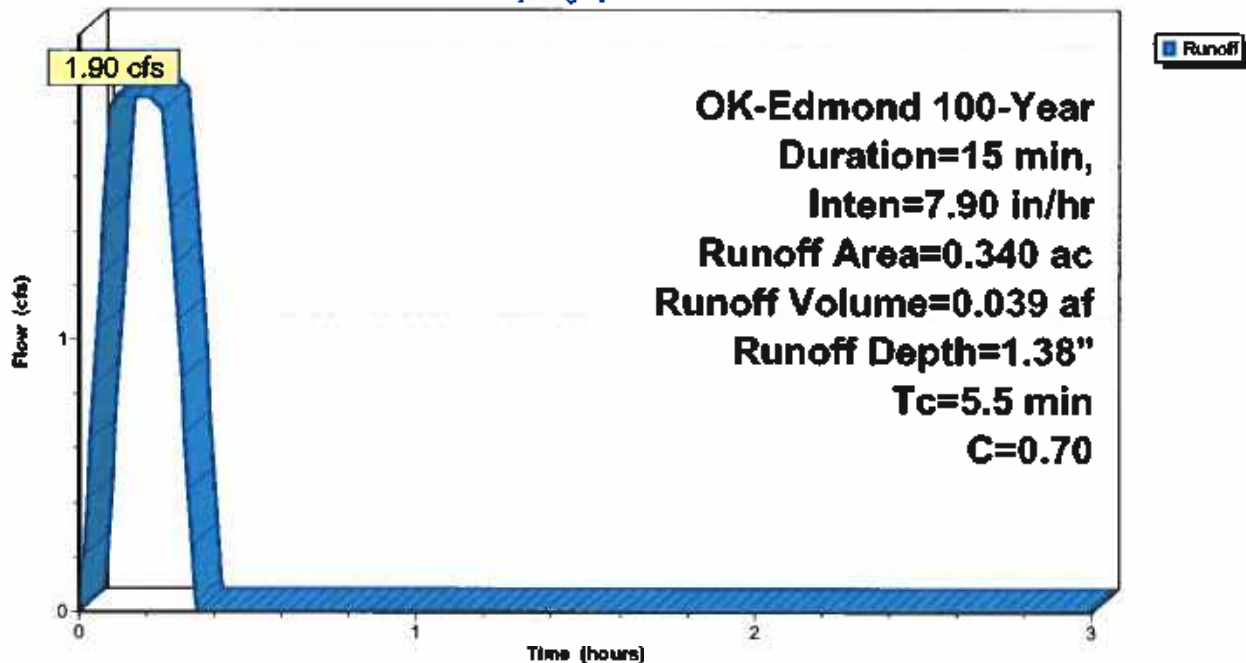
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
0.340	0.70	
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.5					Direct Entry,

Subcatchment B2: Bypass 2

Hydrograph



Summary for Subcatchment B3: Bypass 3

Runoff = 5.13 cfs @ 0.14 hrs, Volume= 0.106 af, Depth= 1.38"

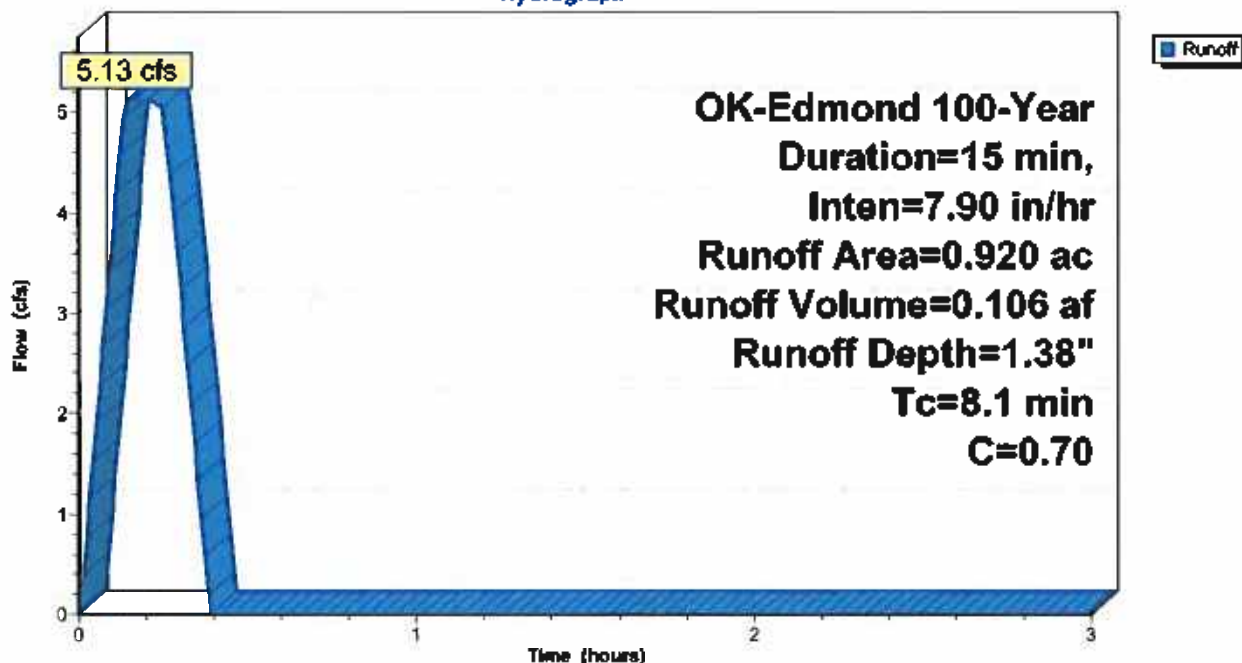
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
0.920	0.70	
0.920		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.1					Direct Entry,

Subcatchment B3: Bypass 3

Hydrograph



Summary for Subcatchment P: Proposed to Pond

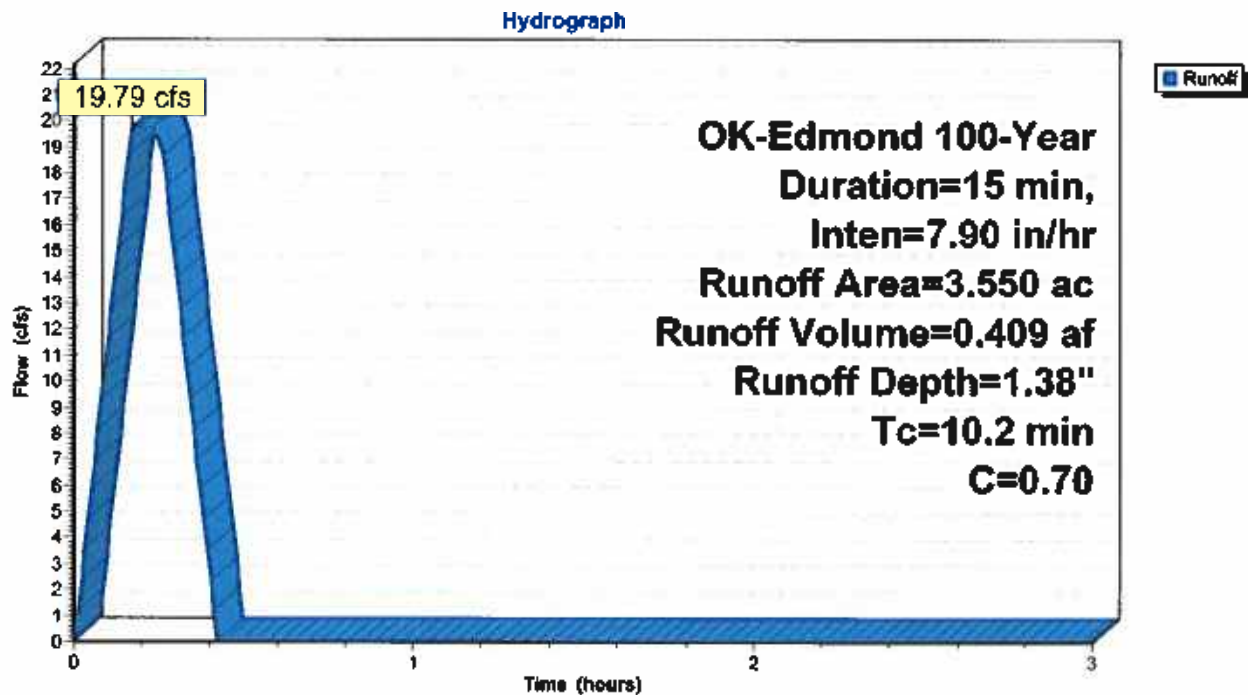
Runoff = 19.79 cfs @ 0.17 hrs, Volume= 0.409 af, Depth= 1.38"

Runoff by Rational method, Rise/Fall=1.0/1.0 x Tc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
3.550	0.70	
3.550		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.2					Direct Entry,

Subcatchment P: Proposed to Pond



Summary for Pond DP: Proposed Detention Pond

Inflow Area = 3.550 ac, 0.00% Impervious, Inflow Depth = 1.38" for 100-Year event
 Inflow = 19.79 cfs @ 0.17 hrs, Volume= 0.409 af
 Outflow = 10.17 cfs @ 0.33 hrs, Volume= 0.409 af, Atten= 49%, Lag= 9.8 min
 Primary = 10.17 cfs @ 0.33 hrs, Volume= 0.409 af

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Peak Elev= 1,212.82' @ 0.33 hrs Surf.Area= 4,389 sf Storage= 9,386 cf

Plug-Flow detention time= 12.6 min calculated for 0.407 af (100% of inflow)
 Center-of-Mass det. time= 12.7 min (25.3 - 12.6)

Volume	Invert	Avail.Storage	Storage Description
#1	1,209.55'	11,359 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

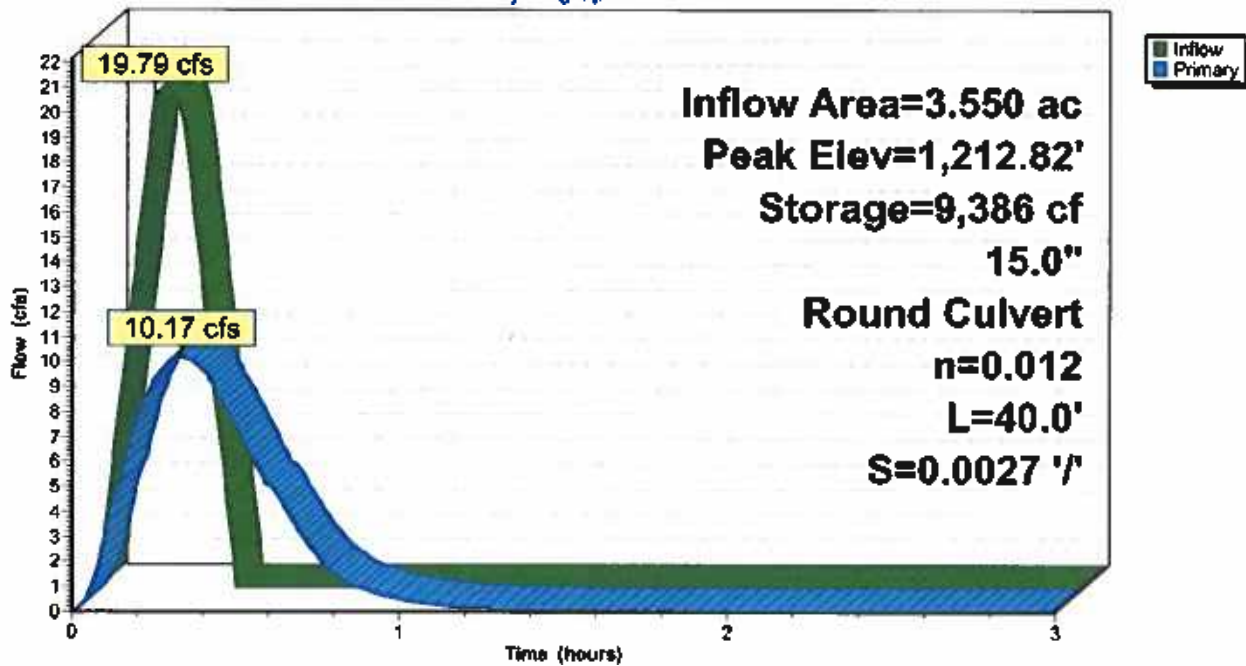
Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,209.55	0	0	0
1,210.00	1,785	402	402
1,211.00	2,932	2,359	2,760
1,212.00	3,700	3,316	6,076
1,213.00	4,542	4,121	10,197
1,213.25	4,753	1,162	11,359

Device	Routing	Invert	Outlet Devices
#1	Primary	1,209.55'	15.0" Round Culvert L= 40.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 1,209.55' / 1,209.44' S= 0.0027 ' S= 0.0027 ' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=10.17 cfs @ 0.33 hrs HW=1,212.82' (Free Discharge)
 ↑1=Culvert (Barrel Controls 10.17 cfs @ 8.29 fps)

Pond DP: Proposed Detention Pond

Hydrograph



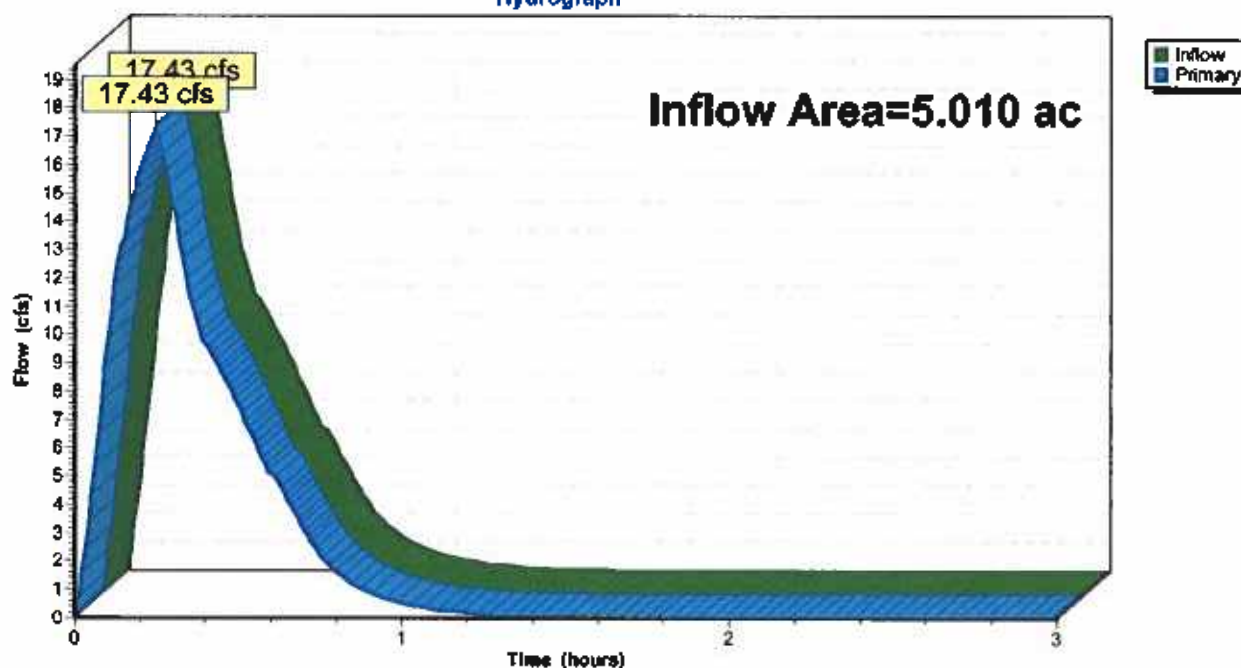
Summary for Link C: Combined Offsite Runoff

Inflow Area = 5.010 ac, 0.00% Impervious, Inflow Depth = 1.38" for 100-Year event
 Inflow = 17.43 cfs @ 0.25 hrs, Volume= 0.577 af
 Primary = 17.43 cfs @ 0.25 hrs, Volume= 0.577 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Link C: Combined Offsite Runoff

Hydrograph



Summary for Pond DP: Proposed Detention Pond

Inflow Area = 3.550 ac, 0.00% Impervious, Inflow Depth = 1.87" for 100-Year event
 Inflow = 15.41 cfs @ 0.17 hrs, Volume= 0.552 af
 Outflow = 10.70 cfs @ 0.49 hrs, Volume= 0.552 af, Atten= 31%, Lag= 18.9 min
 Primary = 10.70 cfs @ 0.49 hrs, Volume= 0.552 af

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Peak Elev= 1,213.04' @ 0.49 hrs Surf.Area= 4,580 sf Storage= 10,401 cf

Plug-Flow detention time= 13.5 min calculated for 0.552 af (100% of inflow)
 Center-of-Mass det. time= 13.4 min (31.5 - 18.1)

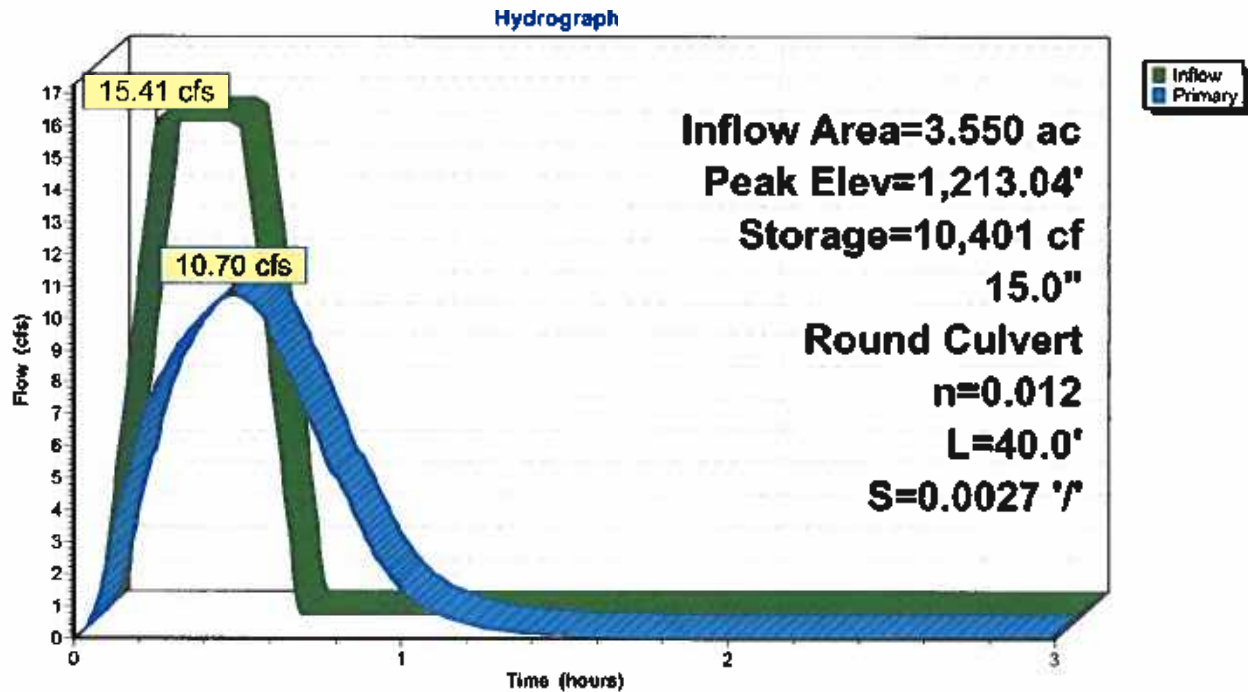
Volume	Invert	Avail.Storage	Storage Description
#1	1,209.55'	11,359 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,209.55	0	0	0
1,210.00	1,785	402	402
1,211.00	2,932	2,359	2,760
1,212.00	3,700	3,316	6,076
1,213.00	4,542	4,121	10,197
1,213.25	4,753	1,162	11,359

Device	Routing	Invert	Outlet Devices
#1	Primary	1,209.55'	15.0" Round Culvert L= 40.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 1,209.55' / 1,209.44' S= 0.0027 ' S= 0.0027 ' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=10.70 cfs @ 0.49 hrs HW=1,213.04' (Free Discharge)
 ↑1=Culvert (Barrel Controls 10.70 cfs @ 8.72 fps)

Pond DP: Proposed Detention Pond



DRAINAGE CALCULATIONS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 5/28/2020

Drainage Area Designation: **P**
 Drainage Basin Total Area: **3.60 Acres**
 Weighted Runoff Coefficient (C): **0.70**
 Time of Concentration: **10.22 Min.**

I (in/hr)	Q (cfs)
I2= 4.68	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.62
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

Undeveloped Land Uses:	Drainage Area (Acres)	Runoff Coefficient (C)	DA * C
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	3.60	0.70	2.52
Apartments	0.00	0.85	0.00
Total Area:	3.60		2.52
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	Upstream Elev.	Downstream Elev.	Reach Length (ft)	Slope (%)	Overland Condition	K	Tc (Min.)
Reach 1:	1225.48	1224.45	128.00	0.80	Residential	0.511	8.07
Reach 2:							

Channel Flow Tc:

	Channel Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:	548.00	4.50	2.03
Reach 2:			0.00

Pipe Flow Tc:

	Pipe Length (ft)	Velocity (fps)	Tc (Min.)
Reach 1:	55.00	7.50	0.12
Reach 2:			0.00
Total Tc:			10.22

(For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = $A/(B+Tc)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = CI(DA)

I (in/hr)	Q (cfs)
I2= 4.68	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.62
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

Storm Sewer Structure Capacity Worksheet

Inlet Capacity Summary

(2) STD. DESIGN 2-1 (INLETS = 26.4 CFS > 22.86 CFS (DA P Q100))

Pipe Capacity Summary

CAPACITY 18" RCP @ 1.10% = 11.97 CFS > 11.43 CFS (1/2 OF DA P Q100)

CAPACITY 24" RCP @ 1.0% = 24.57 CFS > 22.86 CFS (DA P Q100)

Inlet Capacity Supporting Information

STD Inlet No.	Gate Capacity (CFS)	Hood Capacity (CFS)	Total Capacity (CFS)
2-0	3.2	5.0	8.2
2-1	3.2	10.0	13.2
2-2	3.2	15.0	18.2
2-3	3.2	20.0	23.2
2-4	3.2	25.0	28.2
2-5	3.2	30.0	33.2

Pipe Capacity Supporting Calculations

Pipe Capacity calculated by Manning's Equation = $(1.49 \cdot A R^{2/3} S^{1/2}) / n$

Required head calculated using Diameter plus 1.5 times Velocity Head = $D + (1.5 \cdot V^2 / 2g)$

<u>Pipe Capacity</u>	
Pipe Diameter (D):	18 Inches
Box Span:	0 Feet
Box Rise:	0 Feet
Material:	RCP
Slope:	1.10%
Manning's n:	0.012
Area (A):	1.77 Square Feet
Wetted Perimeter (P):	4.71 Feet
Hydraulic Radius (A/P):	0.38 Feet
Velocity (V):	6.77 F/s
Capacity (Q):	11.97 CFS

<u>Pipe Capacity</u>	
Pipe Diameter (D):	24 Inches
Box Span:	0 Feet
Box Rise:	0 Feet
Material:	RCP
Slope:	1.00%
Manning's n:	0.012
Area (A):	3.14 Square Feet
Wetted Perimeter (P):	6.28 Feet
Hydraulic Radius (A/P):	0.50 Feet
Velocity (V):	7.62 F/s
Capacity (Q):	24.57 CFS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 5/28/2020

Drainage Area Designation: **DA 1**
 Drainage Basin Total Area: **0.46 Acres**
 Weighted Runoff Coefficient (C): **0.70**
 Time of Concentration: **6.72 Min.**

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.38	Q2= 1.73
I5= 6.14	Q5= 1.98
I10= 6.99	Q10= 2.25
I25= 8.10	Q25= 2.61
I50= 9.20	Q50= 2.86
I100= 10.23	Q100= 3.29

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.46	0.70	0.32
Apartments	0.00	0.85	0.00
Total Area:	0.46		0.32

Weighted C: 0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstream</u> <u>Elev.</u>	<u>Downstream</u> <u>Elev.</u>	<u>Reach</u> <u>Length (ft)</u>	<u>Slope (%)</u>	<u>Overland</u> <u>Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	222.38	1219.27	129.00	2.40	Residential	0.511	6.5'
Reach 2:							

Channel Flow Tc:

	<u>Channel</u> <u>Length (ft)</u>	<u>Velocity</u> <u>(fps)</u>	
Reach 1:	83.00	7.00	0.21
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length</u> <u>(ft)</u>	<u>Velocity</u> <u>(fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 6.72
 (For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = $A / (B + T_c)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = C I (DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.38	Q2= 1.73
I5= 6.14	Q5= 1.98
I10= 6.99	Q10= 2.25
I25= 8.10	Q25= 2.61
I50= 9.20	Q50= 2.86
I100= 10.23	Q100= 3.29

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

Flume 1 Weir Capacity Worksheet

Weir Capacity Summary

CAPACITY OF 3' WIDE CURB OPENING = 3.53 CFS > 3.29 CFS (DA 1 Q100)

Weir Capacity Supporting Calculations

Weir Capacity calculated by $Q = 3.33bH^{3/2}$

Weir Capacity

b:	3.0
H:	0.5
Capacity (Q):	3.53 CFS
Q100:	3.29 CFS
Depth:	5.58 inches

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/19/2020

Drainage Area Designation: **B2**
 Drainage Basin Total Area: **0.34 Acres**
 Weighted Runoff Coefficient (C): **0.70**
 Time of Concentration: **5.53 Min.**

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.34	0.70	0.24
Apartments	0.00	0.85	0.00
Total Area:	0.34		0.24
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstream</u>	<u>Downstream</u>	<u>Reach</u>		<u>Overland</u>		
	<u>Elev.</u>	<u>Elev.</u>	<u>Length (ft)</u>	<u>Slope (%)</u>	<u>Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1215.50	1212.70	74.17	4.58	Residential	0.51	4.66
Reach 2:							

Channel Flow Tc:

	<u>Channel</u>	<u>Velocity</u>	
	<u>Length (ft)</u>	<u>(fps)</u>	
Reach 1:	183.00	3.50	0.87
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length</u>	<u>Velocity</u>	
	<u>(ft)</u>	<u>(fps)</u>	
Reach 1:			0.00
Reach 2:			0.00
Total Tc:			5.53

(For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = $A/(B + T_c)^E$ (A, B & E obtained from table to right)
 Runoff (Q) = C(I)(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

Storm Sewer Structure Capacity Worksheet

Inlet Capacity Summary

REFER TO FIELD INLET WIER CAPACITY WORKSHEET

Pipe Capacity Summary

CAPACITY 24" RCP @ 0.50% = 17.38 CFS > 13.25 CFS (DA B2 Q100 + DETENTION POND PEAK Q100 RELEASE)

Pipe Capacity Supporting Calculations

Pipe Capacity calculated by Manning's Equation = $(1.49 \cdot A R^{2/3} S^{1/2}) / n$

Required head calculated using Diameter plus 1.5 times Velocity Head = $D + (1.5 \cdot (V^2 / 2g))$

Pipe Capacity

Pipe Diameter (D):	24	Inches
Box Span:	0	Feet
Box Rise:	0	Feet
Material:	RCP	
Slope:	0.50%	
Manning's n:	0.012	
Area (A):	3.14	Square Feet
Wetted Perimeter (P):	6.28	Feet
Hydraulic Radius (A/P):	0.50	Feet
Velocity (V):	5.53	FT/s
Capacity (Q):	17.38	CFS

Required Head

Required Head:	2.71	Feet
----------------	------	------

Pipe Capacity

Pipe Diameter (D):	30	Inches
Box Span:	0	Feet
Box Rise:	0	Feet
Material:	RCP	
Slope:	0.50%	
Manning's n:	0.012	
Area (A):	4.91	Square Feet
Wetted Perimeter (P):	7.85	Feet
Hydraulic Radius (A/P):	0.63	Feet
Velocity (V):	6.42	FT/s
Capacity (Q):	31.51	CFS

Required Head

Required Head:	3.46	Feet
----------------	------	------

Field Inlet Weir Opening Capacity Worksheet

Weir Capacity Summary

CAPACITY OF 2.5' WIDE & 6" TALL FILED INLET = 2.94 CFS > 2.55 CFS (DA B2)

Weir Capacity Supporting Calculations

Weir Capacity calculated by $Q = 3.33bH^{3/2}$

Weir Capacity

b:	2.5 Ft
H:	0.5 Ft
Capacity (Q):	2.94 CFS
Q100:	2.55 CFS
Depth:	5.19 inches

PLAT NOTES:

1. A SIDEWALK IS REQUIRED IN EACH LOT WHERE IT ABUTS LOCAL AND COLLECTOR STREET RIGHTS-OF-WAY AND MUST BE CONSTRUCTED PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR THE AFFECTED LOT.
2. MAINTENANCE OF COMMON AREA A IS THE RESPONSIBILITY OF THE PROPERTY OWNERS ASSOCIATION.
3. THIS PLAT OF SURVEY MEETS THE OKLAHOMA MINIMUM STANDARDS FOR THE PRACTICE OF LAND SURVEYING AS ADOPTED BY THE OKLAHOMA STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, AND THAT SAID FINAL PLAT COMPLIES WITH THE REQUIREMENTS OF TITLE 11 SECTION 41-108 OF THE OKLAHOMA STATE STATUTES.

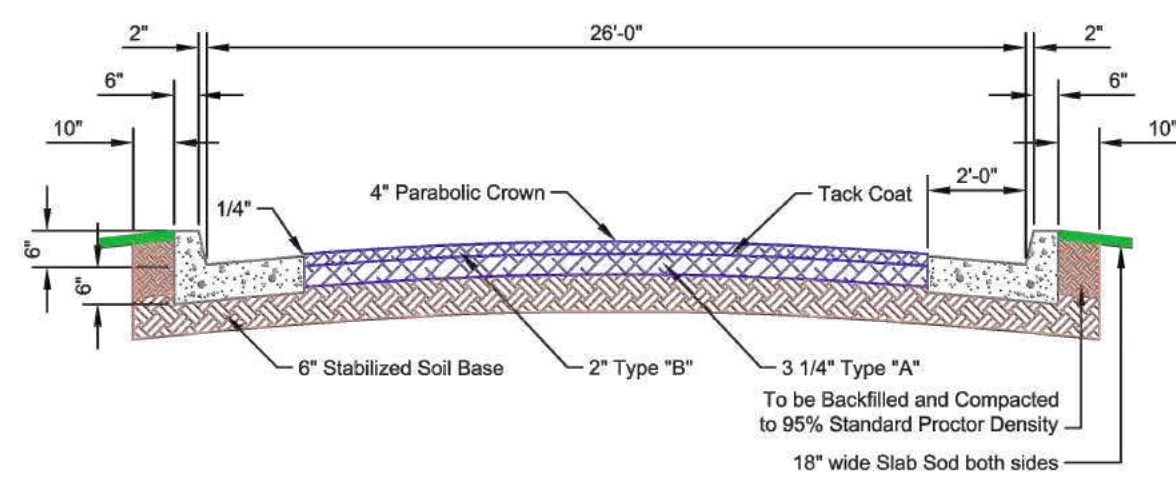
4. CENTERLINE OF RIGHT OF WAY MONUMENTS SHALL BE AS FOLLOWS:

MAGNETIC NAIL WITH SHINER STAMPED "DURHAM CA 5313" FOR ALL PAVED SURFACES OR #3 BAR WITH CAP STAMPED "DURHAM CA 5313" UNLESS OTHERWISE NOTED FOR ALL UNPAVED SURFACES

5. THE FINAL PLAT BOUNDARY AND LOT CORNER MONUMENTS SHALL BE AS FOLLOWS:

#3 BAR WITH CAP STAMPED "DURHAM CA 5313" UNLESS OTHERWISE NOTED

SURVEYOR:
GOLDEN LAND SURVEYING
7304 NW 164TH ST. SUITE #5
EDMOND, OKLAHOMA 73013
(405) 802-7883



• TYPICAL SECTION •
26' ASPHALTIC CONCRETE PAVING
(STABILIZED SOIL BASE)
• 110 •

**GOLDEN
LAND SURVEYING**

7304 NW 164th St., Suite #5, Edmond, Oklahoma 73013
C.A.# 7263 / Exp. Date =6/30/2020

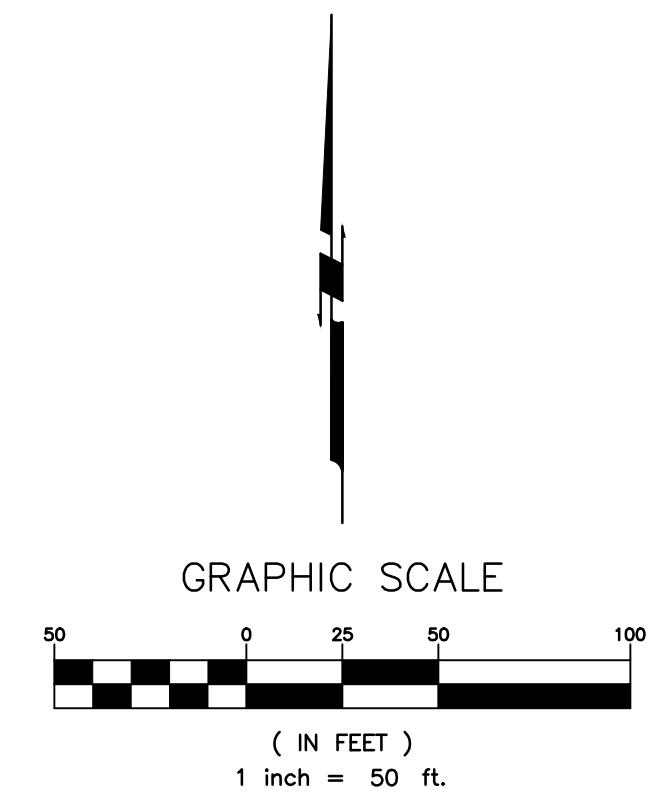
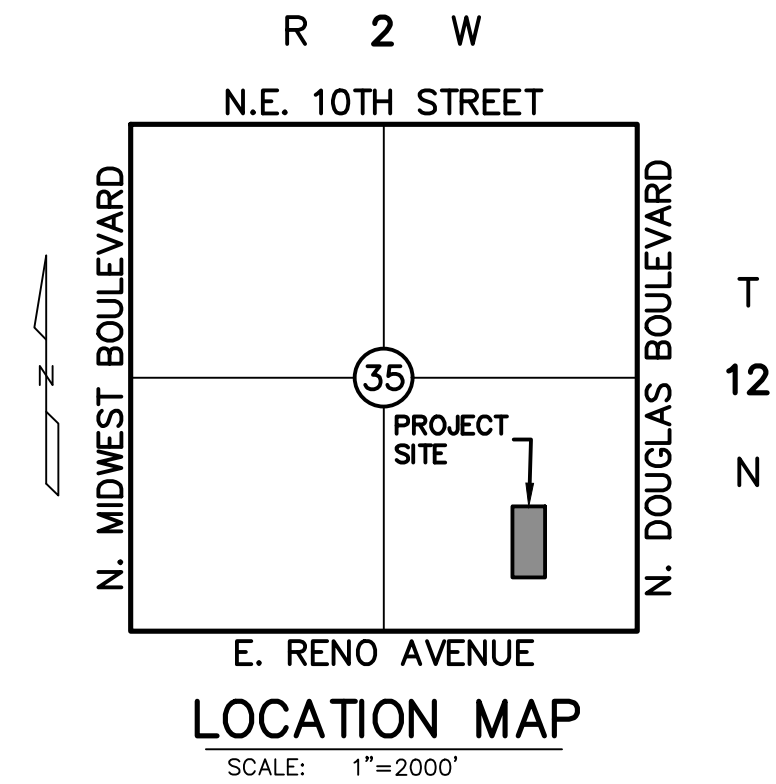
Telephone: (405) 802-7883 Job No:20216 troy@goldenls.com

DEVELOPER:
TINKER VILLAS, LLC
39004 W. MACARTHUR ST.
SHAWNEE, OK 74804
(405) 641-5878

PRELIMINARY PLAT of FREEDOM VILLAS

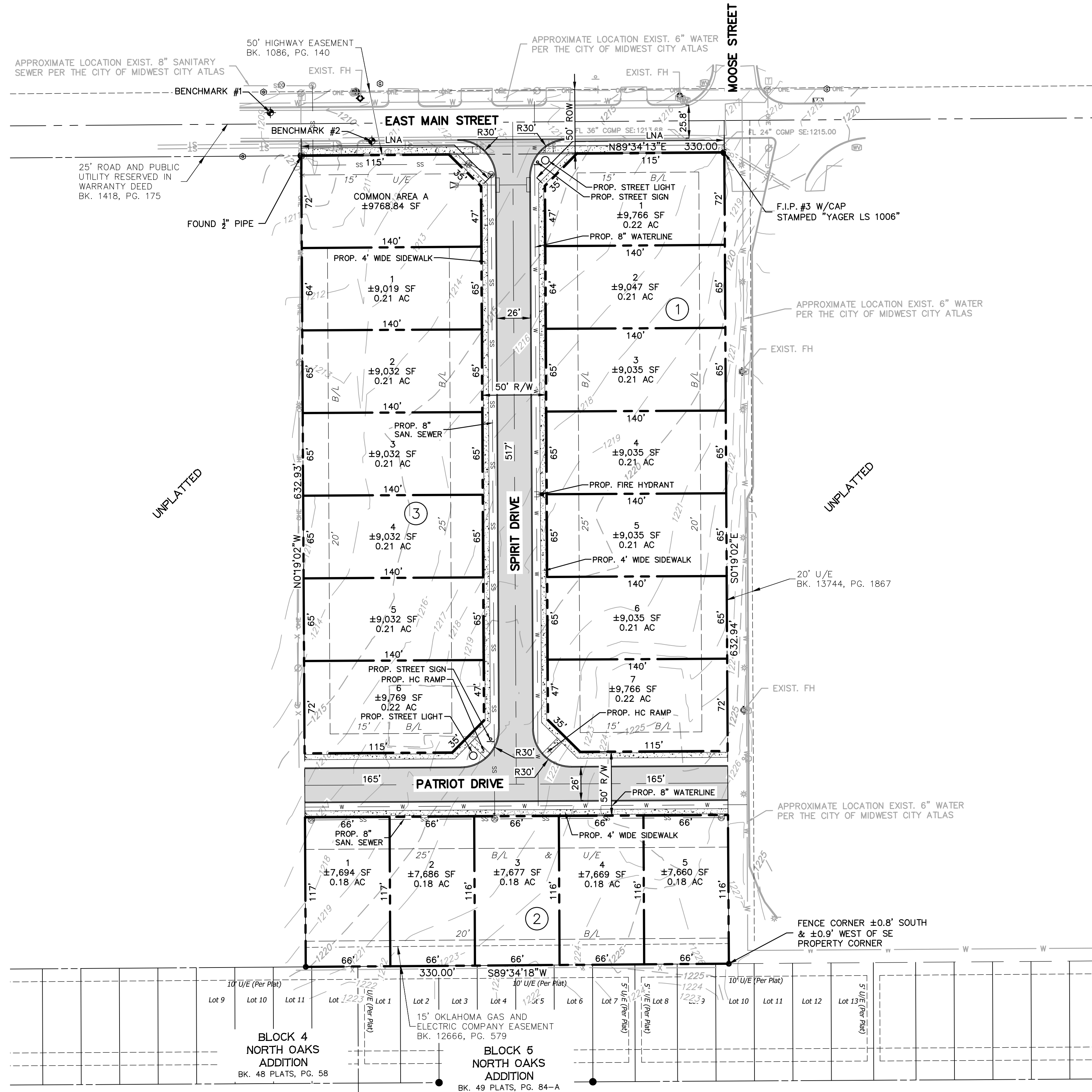
A TRACT OF LAND BEING THE WEST HALF (W/2) OF THE NORTHWEST QUARTER (NW/4) OF THE SOUTHEAST QUARTER (SE/4) OF THE SOUTHEAST QUARTER (SE/4) OF SECTION THIRTY-FIVE (35), TOWNSHIP TWELVE (12) NORTH, RANGE TWO (2) WEST OF THE INDIAN MERIDIAN, MIDWEST CITY, OKLAHOMA COUNTY, OKLAHOMA

ENGINEER:
GRUBBS CONSULTING, LLC.
1800 S. SARA ROAD
YUKON, OKLAHOMA 73099
(405) 265-0641
FAX: (405) 265-0649



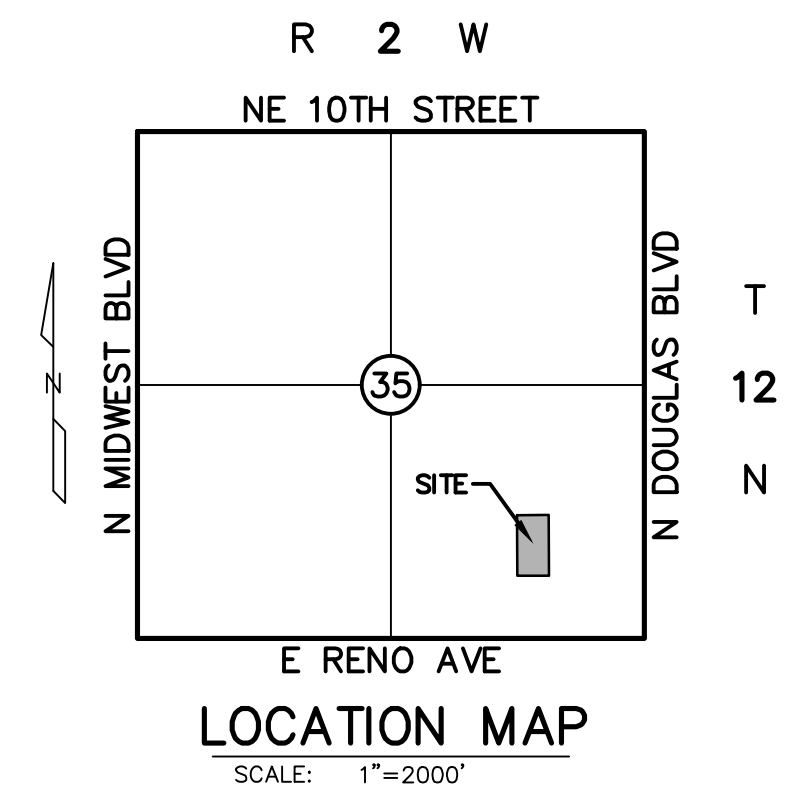
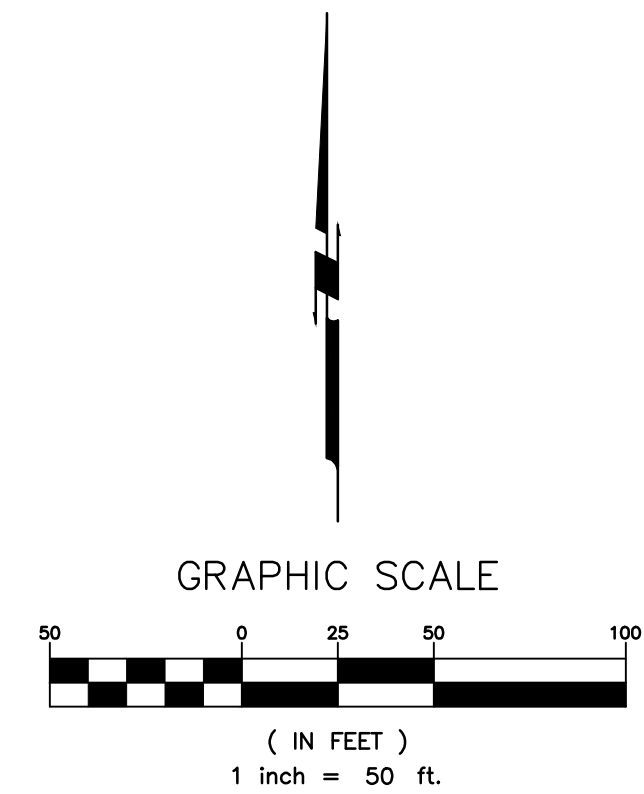
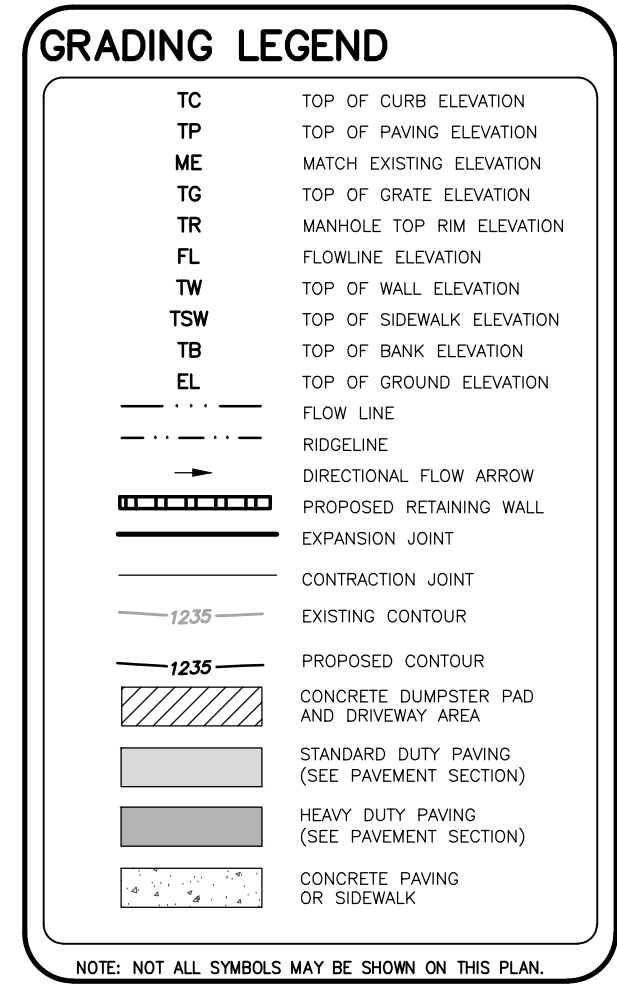
SUBDIVISION CONTAINS:
EIGHTEEN (18) LOTS IN
THREE (3) BLOCKS
GROSS SUBDIVISION AREA:
±208,869 SQ. FT.
OR ±4.7949 ACRES

B/L = BUILDING LINE
U/E = PUBLIC UTILITY EASEMENT
PDE = PRIVATE DRAINAGE EASEMENT
R/W = RIGHT OF WAY
ESMT = EASEMENT
LNA = LIMITS OF NO ACCESS

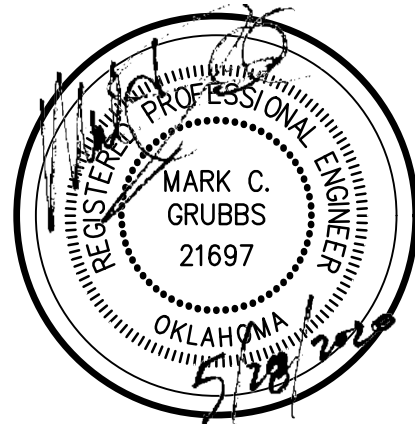


GRUBBS CONSULTING, LLC
CIVIL ENGINEERING & LAND PLANNING
1800 S. Sara Road
Yukon, OK 73099
Phone: (405) 265-0641
Fax: (405) 265-0649

GRUBBS CONSULTING, LLC. CERTIFICATE OF AUTHORIZATION NO. CA 5115 EXP. 06/30/20



RUBBS CONSULTING, LLC
CIVIL ENGINEERING & LAND PLANNING
1800 S. Sara Road
Yukon, OK 73089
Phone: (405) 265-0641
Fax: (405) 265-0649



FREEDOM VILLAS
8712 EAST MAIN STREET
MIDWEST CITY, OKLAHOMA CO., OKLAHOMA
**PRELIMINARY SITE
DEVELOPMENT PLAN**

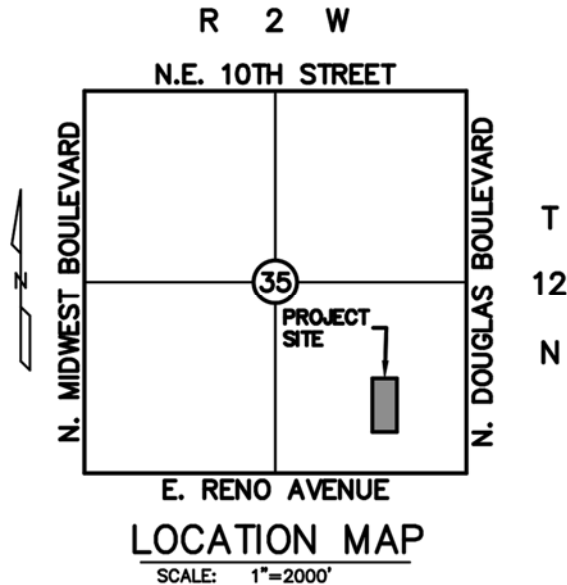
Proj. No.: 20-033			
Date: 05/28/2020			
Scale: (Horiz) 1"=50'			
(Vert) N/A			
Drawn By: JDB			
Checked By: MGG			
Approved By: MGG			

SHEET NUMBER

EXH

FREEDOM VILLAS

PRELIMINARY STORMWATER MANAGEMENT & DRAINAGE PLAN



**8712 East Main Street
Midwest City, OK**

June 19th, 2020



TABLE OF CONTENTS

REPORT SUMMARY

<i>PROJECT DESCRIPTION</i>	1
<i>DRAINAGE SUMMARY</i>	1
<i>DETENTION SUMMARY</i>	1
<i>CONCLUSIONS & RECOMMENDATIONS</i>	2

APPENDIX

DETENTION CALCULATIONS

Drainage Area Maps

- Historic Drainage Area Map
- Proposed Drainage Area Map

Hydrologic Runoff Worksheets

- Historic Drainage Area (H1)
- Historic Drainage Area (H2)
- Proposed Drainage Area (P1)
- Bypass Drainage Area (B1)
- Bypass Drainage Area (B2)
- Bypass Drainage Area (B3)
- Bypass Drainage Area (B2+B3)

Proposed Detention Calculations

- HydroCAD Reports

DRAINAGE CALCULATIONS

Hydrologic Runoff Worksheets

- Drainage Area to Street Inlet
- Drainage Area to Curb Opening
- Drainage Area to Field Inlet

REPORT SUMMARY

PROJECT DESCRIPTION

This project will develop a 5.01-acre tract of land into single-family/duplex structured housing. The subject tract currently has a single-family residence that will be demolished prior to construction beginning. The site is located on the south side of East Main Street and 0.21 miles west of North Douglas Boulevard and is a part of the Southeast Quarter of Section 35, T12N, R2W of the Indian Meridian, Oklahoma County, Oklahoma.

The North Oaks Addition is adjacent to the south, single-family is adjacent to the west and commercial development is adjacent to the east of the subject property.

This Preliminary Stormwater Management and Drainage Plan addresses the preliminary design and control of the storm water runoff for the proposed development.

DRAINAGE SUMMARY

The site currently contains a single residence and consists of vegetative cover with moderate tree coverage. Stormwater runoff currently flows from southeast to northwest and discharges offsite at two locations. Each of the discharge locations were evaluated to determine the historic discharge amounts at these locations. The calculated discharge amount was then used as the maximum allowed discharge at those locations for the proposed development. The site is proposed to be developed in a manner as not to change the direction or rate of the historic storm water runoff.

The developments stormwater management and drainage will be designed in accordance with the City of Midwest City Drainage Ordinance.

DETENTION AND STORM SEWER SUMMARY

Approximately 3.60 acres of the developed site will be routed through a detention pond to regulate the site runoff to be at or below that of the calculated historic discharge rate. The detention pond was sized accordingly to meet these criteria using HydroCAD software. The proposed detention pond calculations can be found in the appendix. The detention pond outlet will be tied into the existing 36" corrugated metal pipe underground storm sewer running along the south right-of-way of east main street.

Standard street inlets will be utilized to route stormwater runoff from the street to the proposed detention pond. These inlets were sized to capture the 100-year storm event.

The existing storm sewer located at the northeast corner of the site currently has approximately 27 ft of open channel between the outlet of a 24" corrugate metal pipe and the inlet of a 36" corrugated metal pipe. This open channel will be removed, and a closed conduit will be installed along with a junction box in order to make all the storm sewer in this area underground.

The small area located at the southwest portion of the site draining into Patriot Drive will be allowed to pass through a 3' wide curb opening to prevent water from standing at the west end of Patriot Drive.

The below summary table compares the historic and proposed discharge amounts.

Detention Summary Table			
Drainage Area	Release Rate (CFS)	Drainage Area	Release Rate (CFS)
H2	10.79	H1+H2	17.53
B2+B3	8.59	P1+B1+B2+B3	17.43
Difference	-2.20	Difference	-0.10

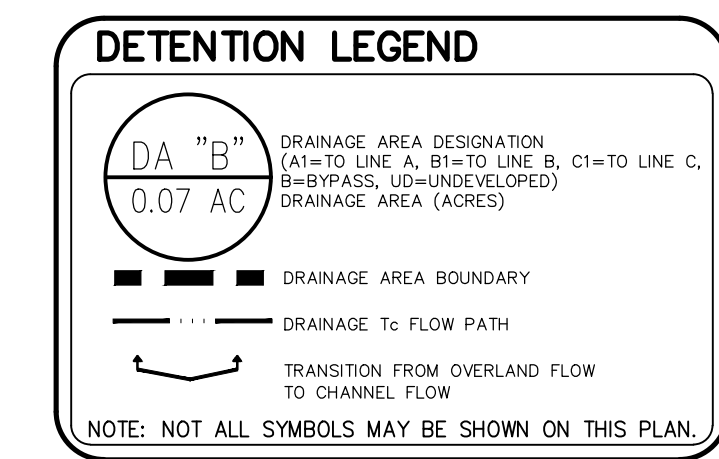
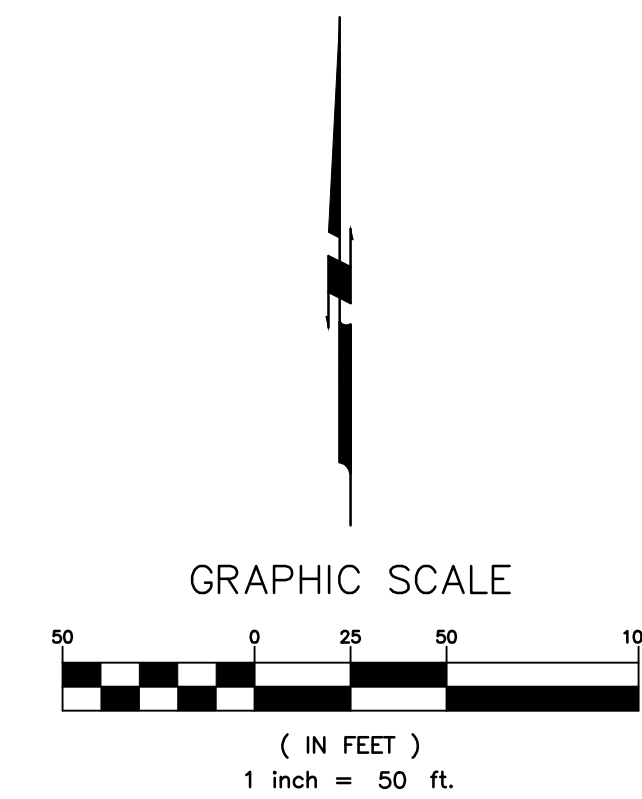
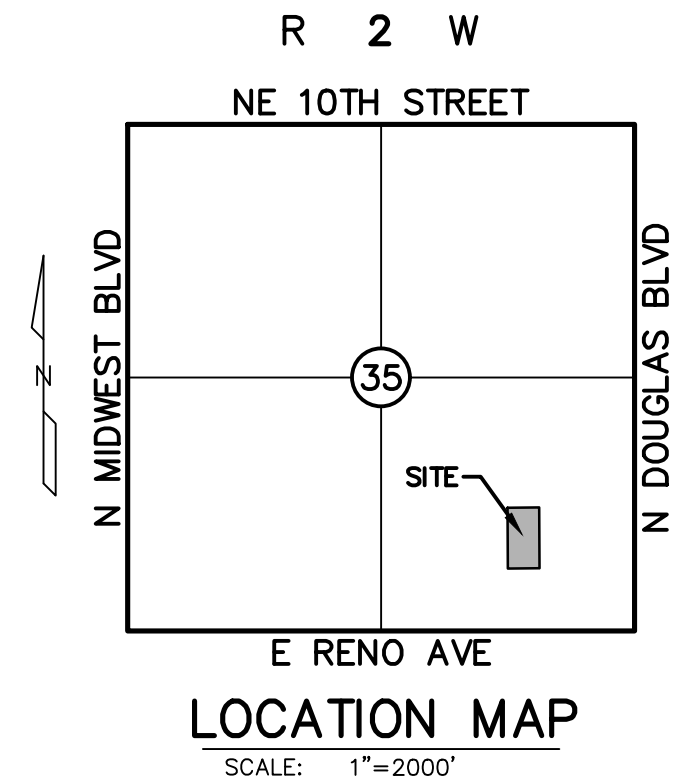
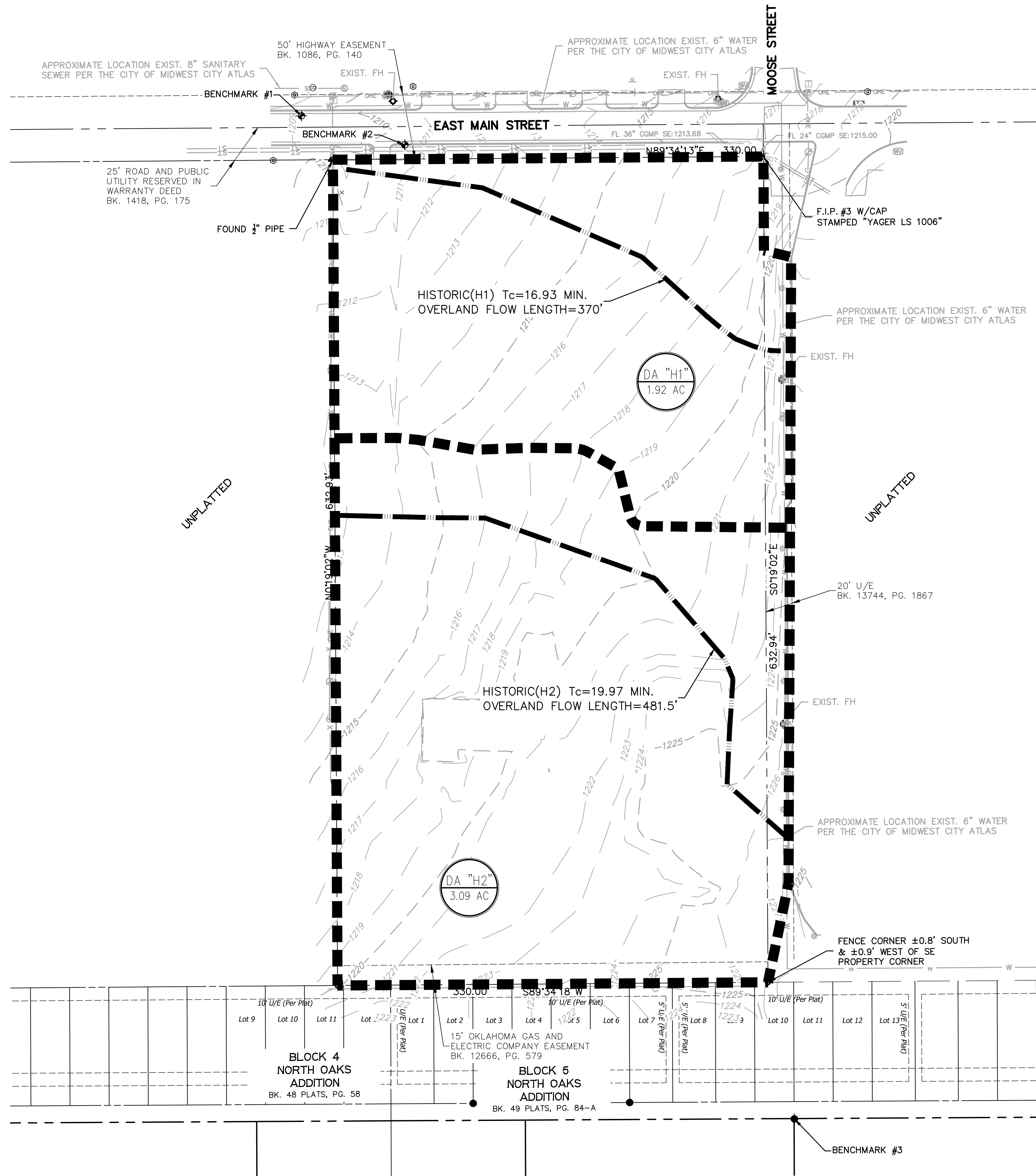
CONCLUSIONS & RECOMMENDATIONS

The detention calculations show that the proposed development will provide for a functional drainage system that meets the City of Midwest City drainage regulations per the subdivision regulations.

It is hereby requested that the City of Midwest City accept this Preliminary Stormwater Management and Drainage Plan and approve the Preliminary Plat.

DETENTION CALCULATIONS

DRAINAGE AREA MAPS



RUBBS CONSULTING, LLC
CIVIL ENGINEERING & LAND PLANNING
1800 N. W. 10th St.
Yukon, OK 73099
Phone: (405) 265-0641
Fax: (405) 265-0649
GRUBBS CONSULTING, LLC CERTIFICATE OF AUTHORIZATION NO. CA-5115 EXPI. 09/30/20

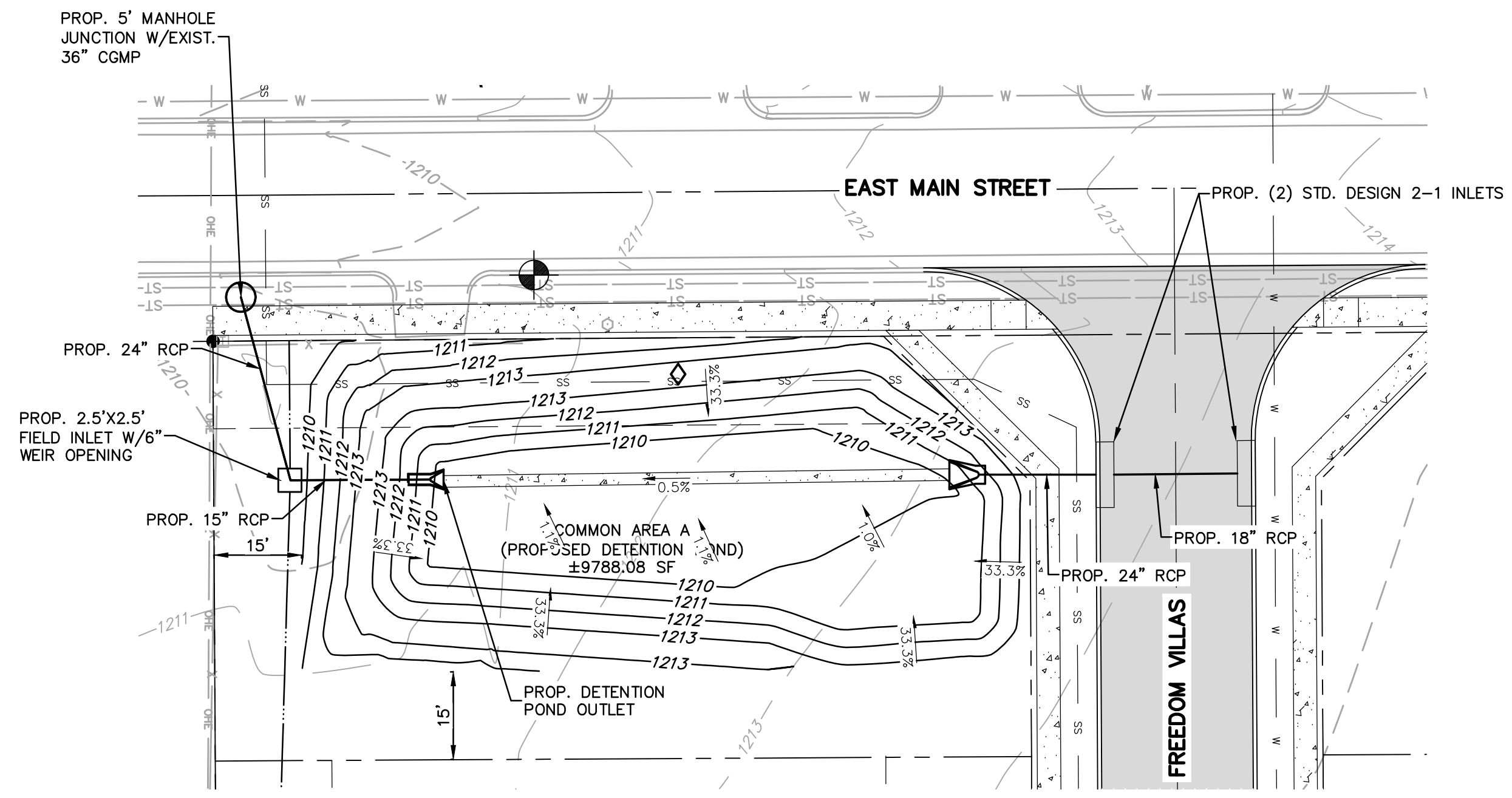
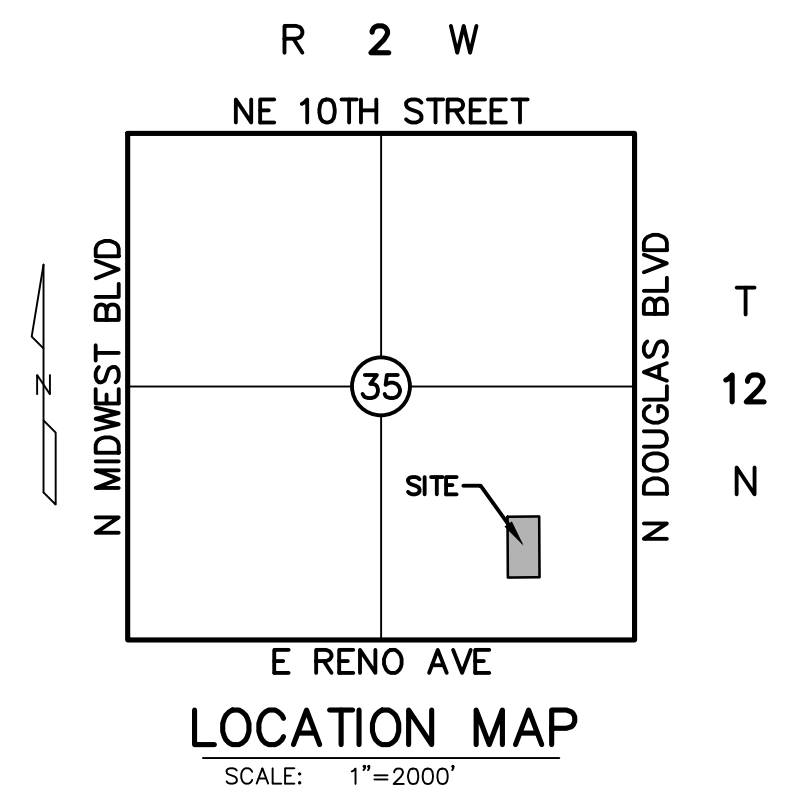
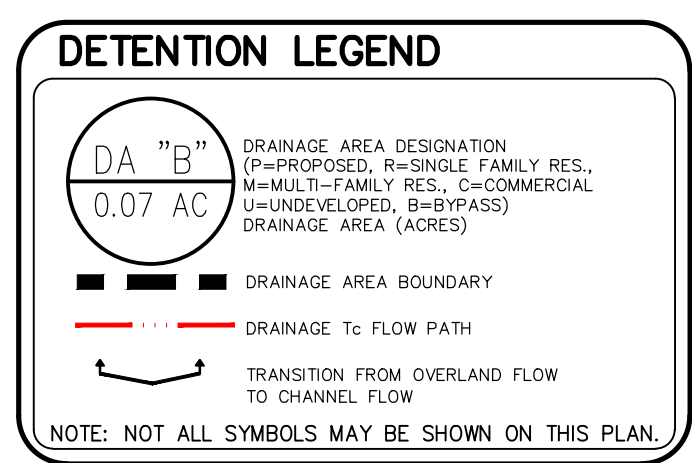
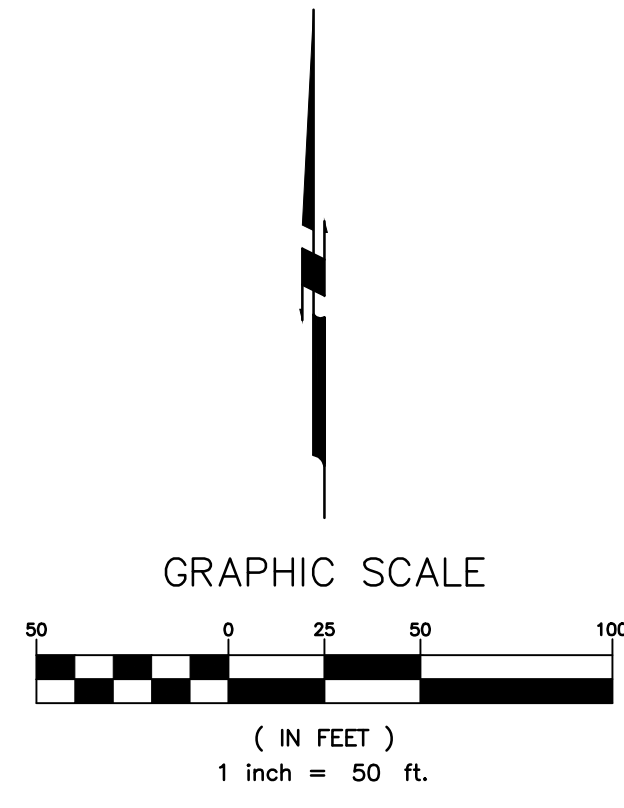
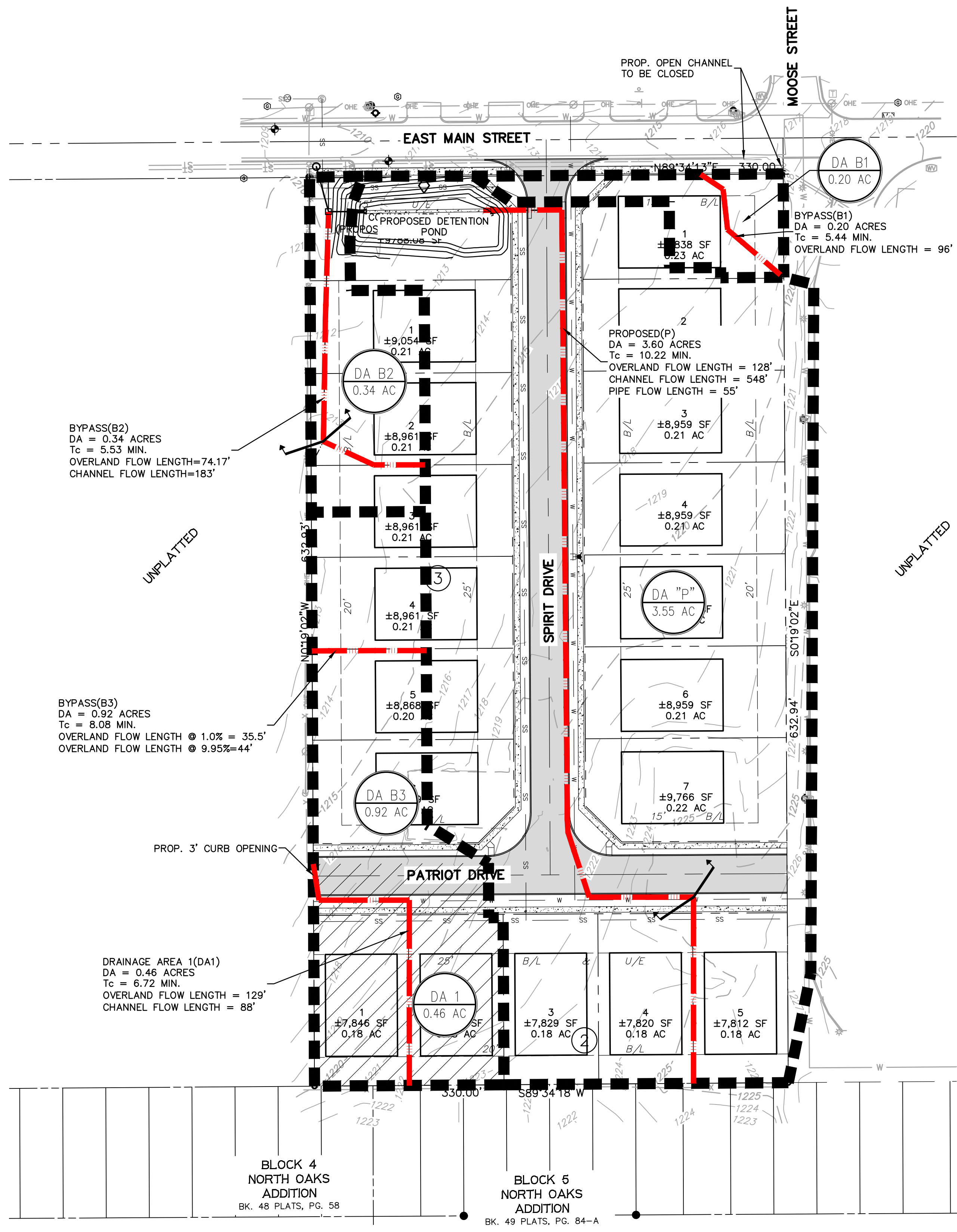


FREEDOM VILLAS
8712 EAST MAIN STREET
MIDWEST CITY, OKLAHOMA CO., OKLAHOMA
HISTORIC DRAINAGE AREA MAP

REVISIONS		DATE
NO.	DESCRIPTION	

Proj. No.: 20-033
Date: 5/19/2020
Scale: (Horizontal) 1"=50'
(Vertical) N/A
Drawn By: JDB
Checked By: MGS
Approved By: MGS

SHEET NUMBER
DAH



DETENTION POND & STORM SEWER ENLARGED VIEW
SCALE: 1"=20'

RUBBS CONSULTING, LLC
CIVIL ENGINEERING & LAND PLANNING
1800 N. W. 10th St., Suite 200
Yukon, OK 73099
Phone: (405) 265-0641
Fax: (405) 265-0649
GRUBBS CONSULTING, LLC CERTIFICATE OF AUTHORIZATION NO. CA-5115 EXP. 09/30/20



FREEDOM VILLAS
8712 EAST MAIN STREET
MIDWEST CITY, OKLAHOMA CO., OKLAHOMA
PROPOSED DRAINAGE AREA MAP

REVISIONS		NO.	DESCRIPTION	DATE
Proj. No.:	20-033			
Date:	5/19/2020			
Scale:	(Horizontal) 1"=50'			
	(Vertical) N/A			
Drawn By:	JJB			
Checked By:	MCS			
Approved By:	MCS			

SHEET NUMBER
DAP

HISTORIC RUNOFF WORKSHEETS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: H1
Drainage Basin Total Area: 1.92 Acres
Weighted Runoff Coefficient (C): 0.50
Time of Concentration: 16.93 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.75	Q2= 3.60
I5= 4.51	Q5= 4.33
I10= 5.13	Q10= 4.93
I25= 5.95	Q25= 5.71
I50= 6.76	Q50= 6.49
I100= 7.51	Q100= 7.21

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	1.92	0.50	0.96
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.00	0.70	0.00
Apartments	0.00	0.85	0.00
Total Area:	1.92		0.96
Weighted C:			0.50

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstm Elev.</u>	<u>Dwnstm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1224.00	1209.00	370.09	4.05	Avg. Grass	1.000	16.93
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 16.93
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.75	Q2= 3.60
I5= 4.51	Q5= 4.33
I10= 5.13	Q10= 4.93
I25= 5.95	Q25= 5.71
I50= 6.76	Q50= 6.49
I100= 7.51	Q100= 7.21

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: H2
Drainage Basin Total Area: 3.09 Acres
Weighted Runoff Coefficient (C): 0.50
Time of Concentration: 19.97 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.45	Q2= 5.33
I5= 4.19	Q5= 6.48
I10= 4.77	Q10= 7.37
I25= 5.53	Q25= 8.54
I50= 6.29	Q50= 9.71
I100= 6.99	Q100= 10.79

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	3.09	0.50	1.55
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.00	0.70	0.00
Apartments	0.00	0.85	0.00
Total Area:	3.09		1.55
Weighted C:			0.50

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstm Elev.</u>	<u>Dwnstm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1226.80	1212.90	481.49	2.89	Avg. Grass	1.000	19.97
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:		5.00	0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 19.97
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 3.45	Q2= 5.33
I5= 4.19	Q5= 6.48
I10= 4.77	Q10= 7.37
I25= 5.53	Q25= 8.54
I50= 6.29	Q50= 9.71
I100= 6.99	Q100= 10.79

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

PROPOSED RUNOFF WORKSHEETS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: **P**
 Drainage Basin Total Area: **3.60** Acres
 Weighted Runoff Coefficient (C): **0.70**
 Time of Concentration: **10.22** Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 4.66	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.62
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	3.60	0.70	2.52
Apartments	0.00	0.85	0.00
Total Area:	3.60		2.52
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstm Elev.</u>	<u>Dwnstm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1225.48	1224.45	128.00	0.80	Residential	0.511	8.07
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:	548.00	4.50	2.03
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:	55.00	7.50	0.12
Reach 2:			0.00

Total Tc: 10.22
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 4.66	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.62
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: B1
Drainage Basin Total Area: 0.20 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 5.44 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.70	Q2= 0.80
I5= 6.44	Q5= 0.90
I10= 7.34	Q10= 1.03
I25= 8.50	Q25= 1.19
I50= 9.66	Q50= 1.35
I100= 10.74	Q100= 1.50

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.20	0.70	0.14
Apartments	0.00	0.85	0.00
Total Area:	0.20		0.14
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstm Elev.</u>	<u>Dwnstm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1219.41	1216.14	96.00	3.41	Residential	0.511	5.44
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 5.44
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.70	Q2= 0.80
I5= 6.44	Q5= 0.90
I10= 7.34	Q10= 1.03
I25= 8.50	Q25= 1.19
I50= 9.66	Q50= 1.35
I100= 10.74	Q100= 1.50

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: **B2**
 Drainage Basin Total Area: **0.34** Acres
 Weighted Runoff Coefficient (C): **0.70**
 Time of Concentration: **5.53** Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.34	0.70	0.24
Apartments	0.00	0.85	0.00
Total Area:	0.34		0.24
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstm</u> <u>Elev.</u>	<u>Dwnstm</u> <u>Elev.</u>	<u>Reach</u> <u>Length (ft)</u>	<u>Slope (%)</u>	<u>Overland</u> <u>Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1215.50	1212.10	74.17	4.58	Residential	0.511	4.66
Reach 2:							

Channel Flow Tc:

	<u>Channel</u> <u>Length (ft)</u>	<u>Velocity</u> <u>(fps)</u>	
Reach 1:	183.00	3.50	0.87
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length</u> <u>(ft)</u>	<u>Velocity</u> <u>(fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 5.53
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: B3 Bypass to H2 Discharge Point
Drainage Basin Total Area: 0.92 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 8.08 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.07	Q2= 3.27
I5= 5.84	Q5= 3.76
I10= 6.66	Q10= 4.29
I25= 7.71	Q25= 4.97
I50= 8.77	Q50= 5.65
I100= 9.74	Q100= 6.27

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.92	0.70	0.64
Apartments	0.00	0.85	0.00
Total Area:	0.92		0.64
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstrm Elev.</u>	<u>Dwnstrm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1218.00	1217.64	35.50	1.01	Residential	0.511	4.80
Reach 2:	1217.64	1213.26	44.00	9.95	Residential	0.511	3.29

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 8.08
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.07	Q2= 3.27
I5= 5.84	Q5= 3.76
I10= 6.66	Q10= 4.29
I25= 7.71	Q25= 4.97
I50= 8.77	Q50= 5.65
I100= 9.74	Q100= 6.27

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/18/2020

Drainage Area Designation: B2+B3 Combined Bypass to West
Drainage Basin Total Area: 1.26 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 8.08 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.07	Q2= 4.47
I5= 5.84	Q5= 5.15
I10= 6.66	Q10= 5.87
I25= 7.71	Q25= 6.80
I50= 8.77	Q50= 7.73
I100= 9.74	Q100= 8.59

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	1.26	0.70	0.88
Apartments	0.00	0.85	0.00
Total Area:	1.26		0.88
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstrm Elev.</u>	<u>Dwnstrm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1215.50	1215.14	35.50	1.01	Residential	0.511	4.80
Reach 2:	1217.64	1213.26	44.00	9.95	Residential	0.511	3.29

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 8.08
 (For Tc<5 min., Use Tc=5 min.)

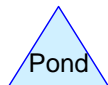
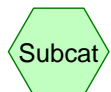
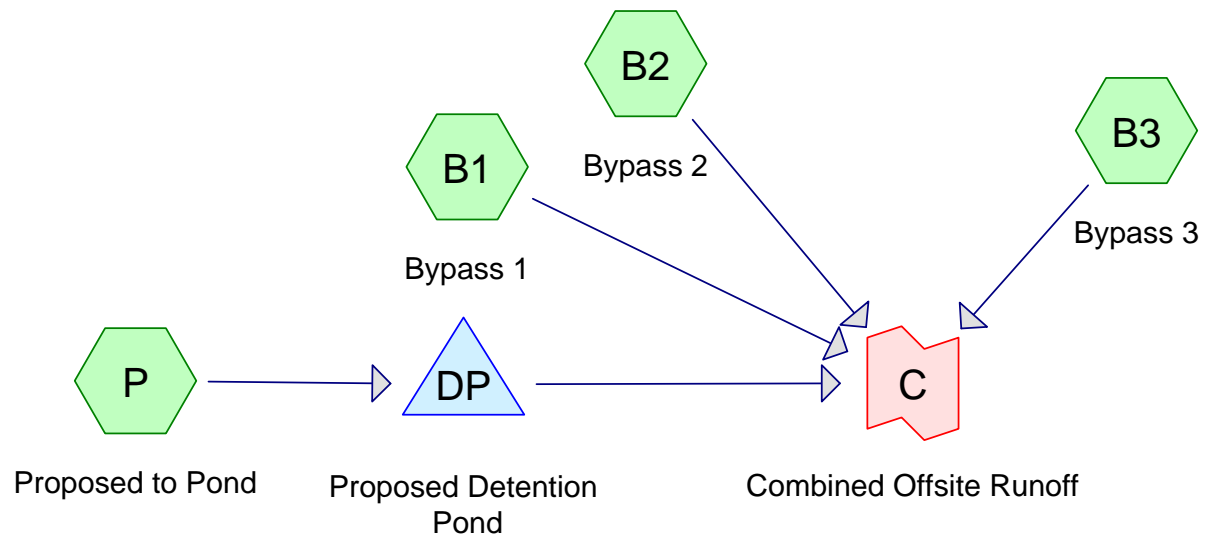
Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.07	Q2= 4.47
I5= 5.84	Q5= 5.15
I10= 6.66	Q10= 5.87
I25= 7.71	Q25= 6.80
I50= 8.77	Q50= 7.73
I100= 9.74	Q100= 8.59

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

HYDROCAD REPORTS



Freedom Villas-Prelim Detention

Prepared by Grubbs Consulting, LLC

Printed 6/18/2020

HydroCAD® 10.10-3a s/n 05006 © 2020 HydroCAD Software Solutions LLC

Page 2

Area Listing (all nodes)

Area (acres)	C	Description (subcatchment-numbers)
5.010	0.70	(B1, B2, B3, P)
5.010	0.70	TOTAL AREA

Time span=0.00-3.00 hrs, dt=0.01 hrs, 301 points
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc
Reach routing by Stor-Ind+Trans method - Pond routing by Stor-Ind method

Subcatchment B1: Bypass 1 Runoff Area=0.200 ac 0.00% Impervious Runoff Depth=1.38"
Tc=5.4 min C=0.70 Runoff=1.11 cfs 0.023 af

Subcatchment B2: Bypass 2 Runoff Area=0.340 ac 0.00% Impervious Runoff Depth=1.38"
Tc=5.5 min C=0.70 Runoff=1.90 cfs 0.039 af

Subcatchment B3: Bypass 3 Runoff Area=0.920 ac 0.00% Impervious Runoff Depth=1.38"
Tc=8.1 min C=0.70 Runoff=5.13 cfs 0.106 af

Subcatchment P: Proposed to Pond Runoff Area=3.550 ac 0.00% Impervious Runoff Depth=1.38"
Tc=10.2 min C=0.70 Runoff=19.79 cfs 0.409 af

Pond DP: Proposed Detention Pond Peak Elev=1,212.82' Storage=9,386 cf Inflow=19.79 cfs 0.409 af
15.0" Round Culvert n=0.012 L=40.0' S=0.0027 '/' Outflow=10.17 cfs 0.409 af

Link C: Combined Offsite Runoff Inflow=17.43 cfs 0.577 af
Primary=17.43 cfs 0.577 af

Total Runoff Area = 5.010 ac Runoff Volume = 0.577 af Average Runoff Depth = 1.38"
100.00% Pervious = 5.010 ac 0.00% Impervious = 0.000 ac

Summary for Subcatchment B1: Bypass 1

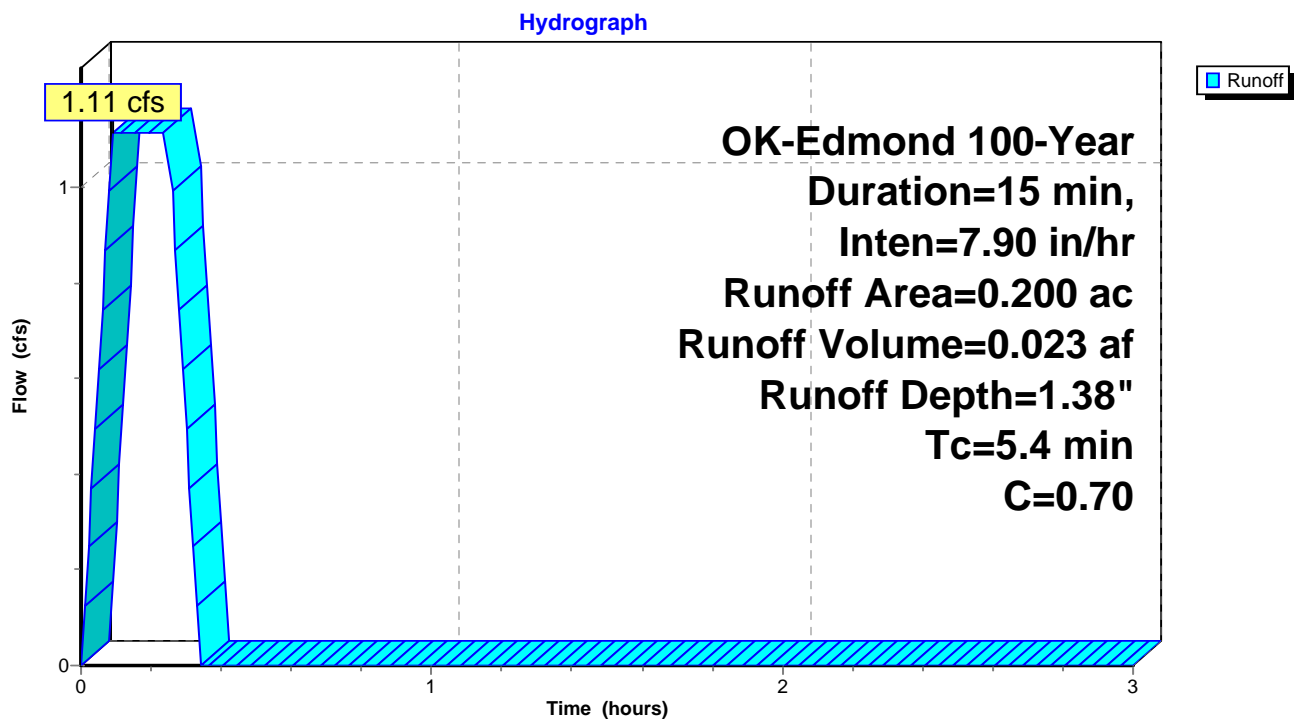
Runoff = 1.11 cfs @ 0.09 hrs, Volume= 0.023 af, Depth= 1.38"

Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
0.200	0.70	
0.200		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.4					Direct Entry,

Subcatchment B1: Bypass 1



Summary for Subcatchment B2: Bypass 2

Runoff = 1.90 cfs @ 0.10 hrs, Volume= 0.039 af, Depth= 1.38"

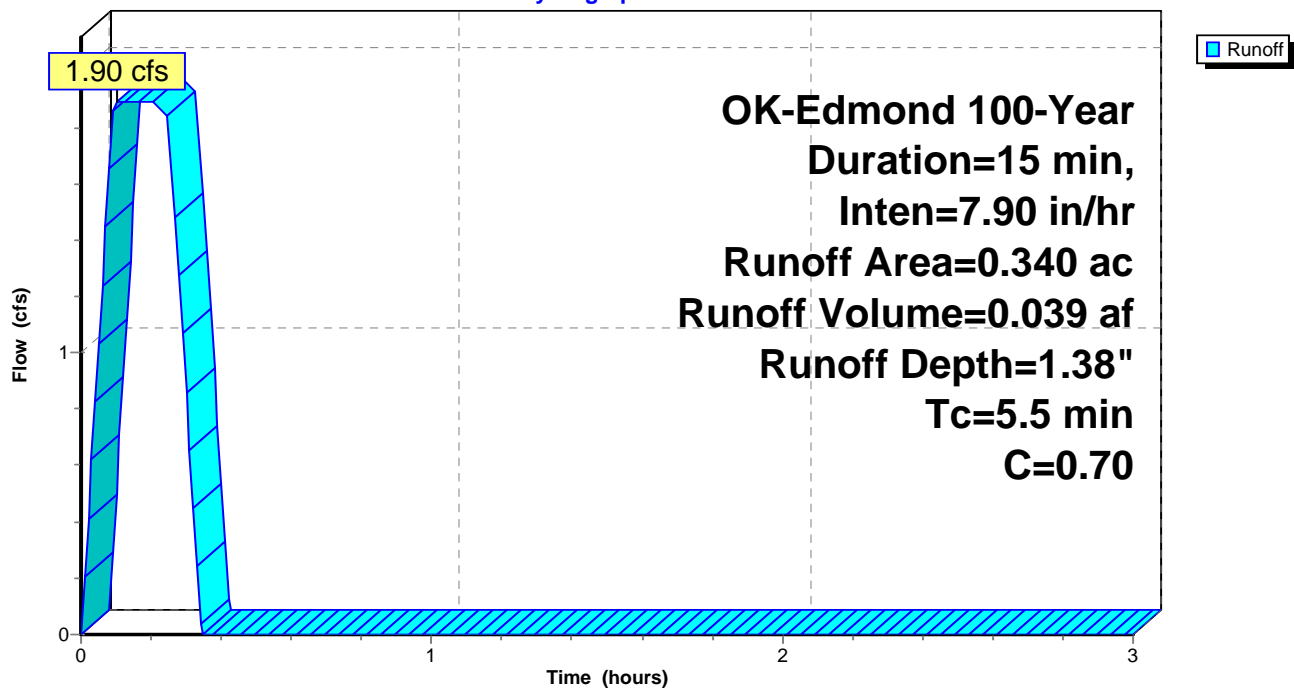
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
0.340	0.70	
0.340		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
5.5					Direct Entry,

Subcatchment B2: Bypass 2

Hydrograph



Summary for Subcatchment B3: Bypass 3

Runoff = 5.13 cfs @ 0.14 hrs, Volume= 0.106 af, Depth= 1.38"

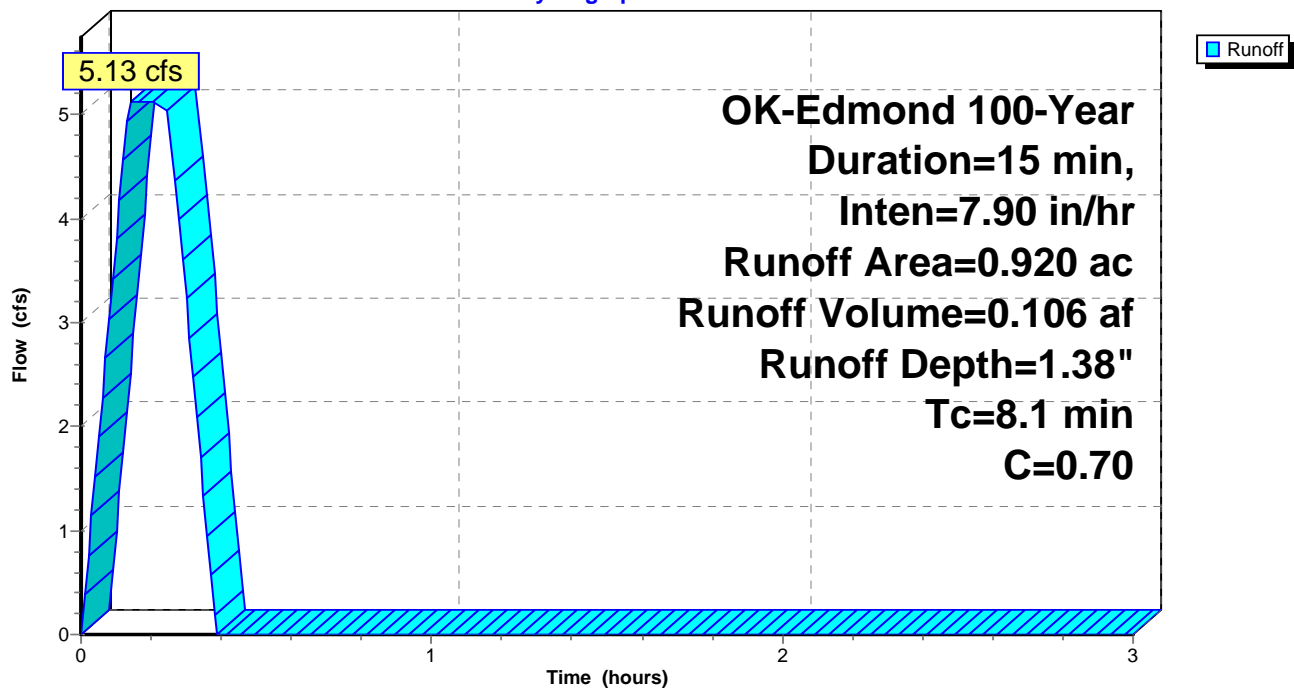
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
0.920	0.70	
0.920		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
8.1					Direct Entry,

Subcatchment B3: Bypass 3

Hydrograph



Summary for Subcatchment P: Proposed to Pond

Runoff = 19.79 cfs @ 0.17 hrs, Volume= 0.409 af, Depth= 1.38"

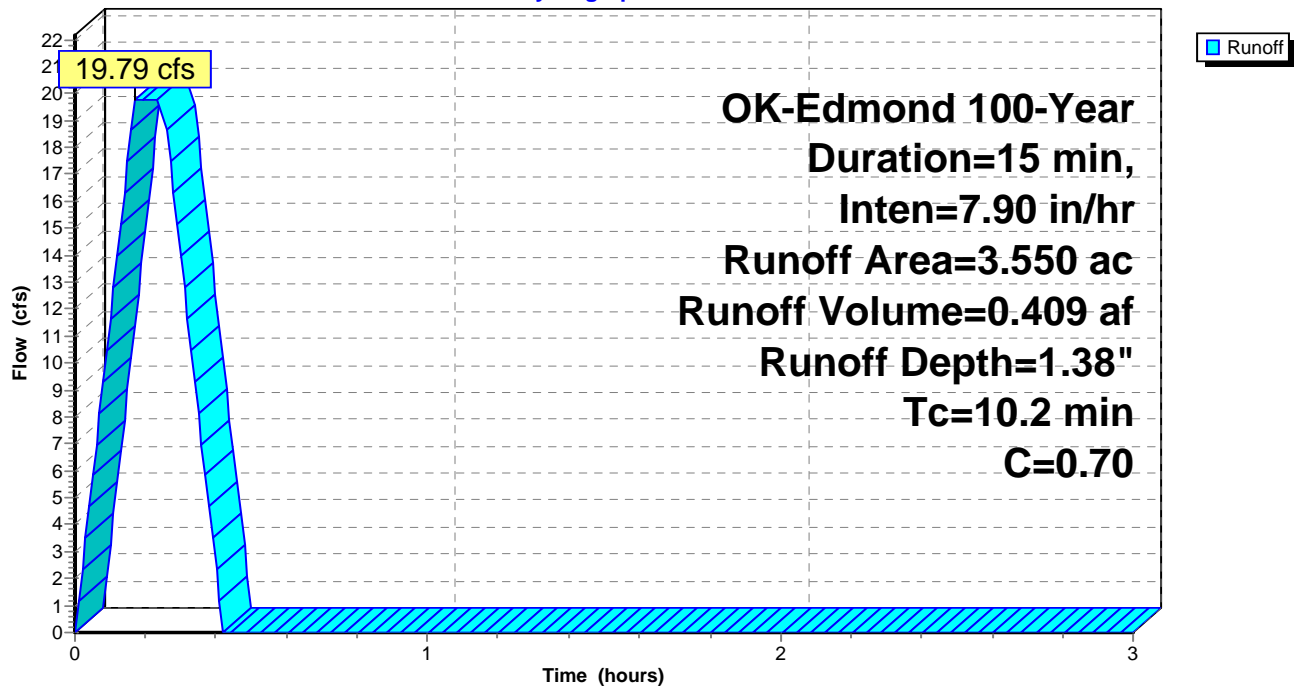
Runoff by Rational method, Rise/Fall=1.0/1.0 xTc, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 OK-Edmond 100-Year Duration=15 min, Inten=7.90 in/hr

Area (ac)	C	Description
3.550	0.70	
3.550		100.00% Pervious Area

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
10.2					Direct Entry,

Subcatchment P: Proposed to Pond

Hydrograph



Summary for Pond DP: Proposed Detention Pond

Inflow Area = 3.550 ac, 0.00% Impervious, Inflow Depth = 1.38" for 100-Year event
 Inflow = 19.79 cfs @ 0.17 hrs, Volume= 0.409 af
 Outflow = 10.17 cfs @ 0.33 hrs, Volume= 0.409 af, Atten= 49%, Lag= 9.8 min
 Primary = 10.17 cfs @ 0.33 hrs, Volume= 0.409 af

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Peak Elev= 1,212.82' @ 0.33 hrs Surf.Area= 4,389 sf Storage= 9,386 cf

Plug-Flow detention time= 12.6 min calculated for 0.407 af (100% of inflow)
 Center-of-Mass det. time= 12.7 min (25.3 - 12.6)

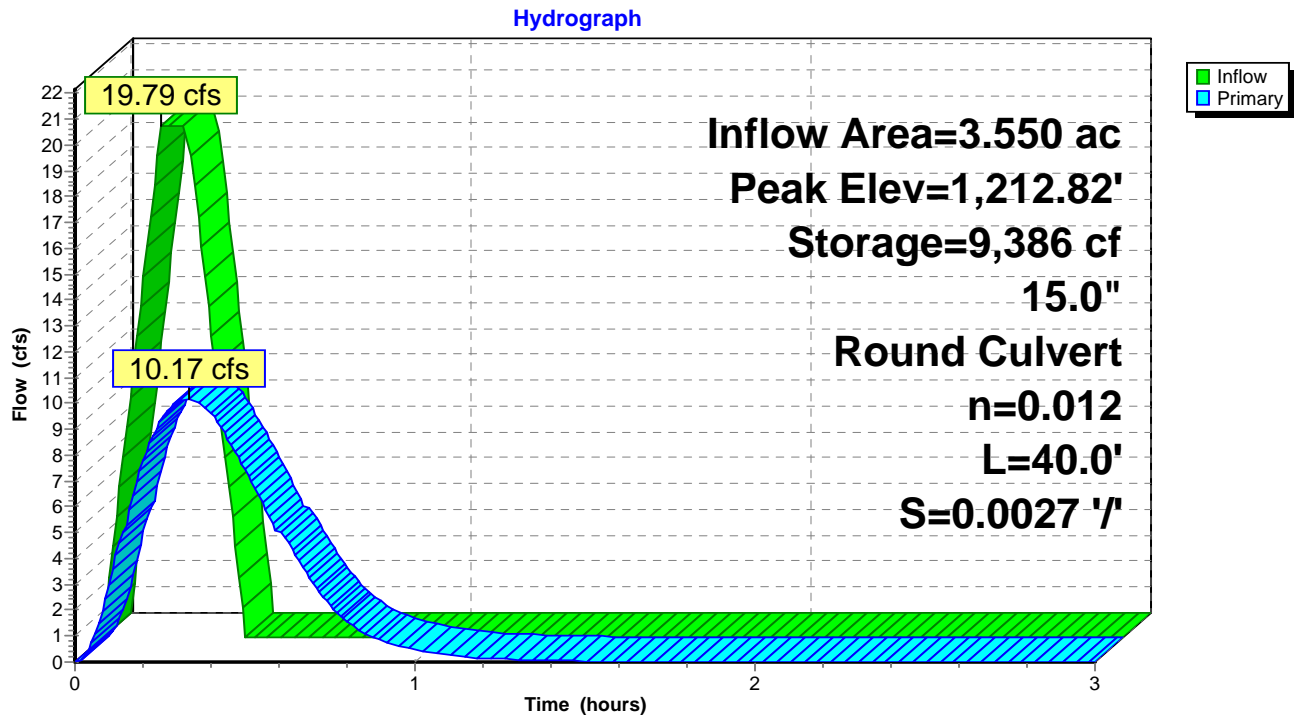
Volume	Invert	Avail.Storage	Storage Description
#1	1,209.55'	11,359 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,209.55	0	0	0
1,210.00	1,785	402	402
1,211.00	2,932	2,359	2,760
1,212.00	3,700	3,316	6,076
1,213.00	4,542	4,121	10,197
1,213.25	4,753	1,162	11,359

Device	Routing	Invert	Outlet Devices
#1	Primary	1,209.55'	15.0" Round Culvert L= 40.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 1,209.55' / 1,209.44' S= 0.0027 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=10.17 cfs @ 0.33 hrs HW=1,212.82' (Free Discharge)
 ↑**1=Culvert** (Barrel Controls 10.17 cfs @ 8.29 fps)

Pond DP: Proposed Detention Pond

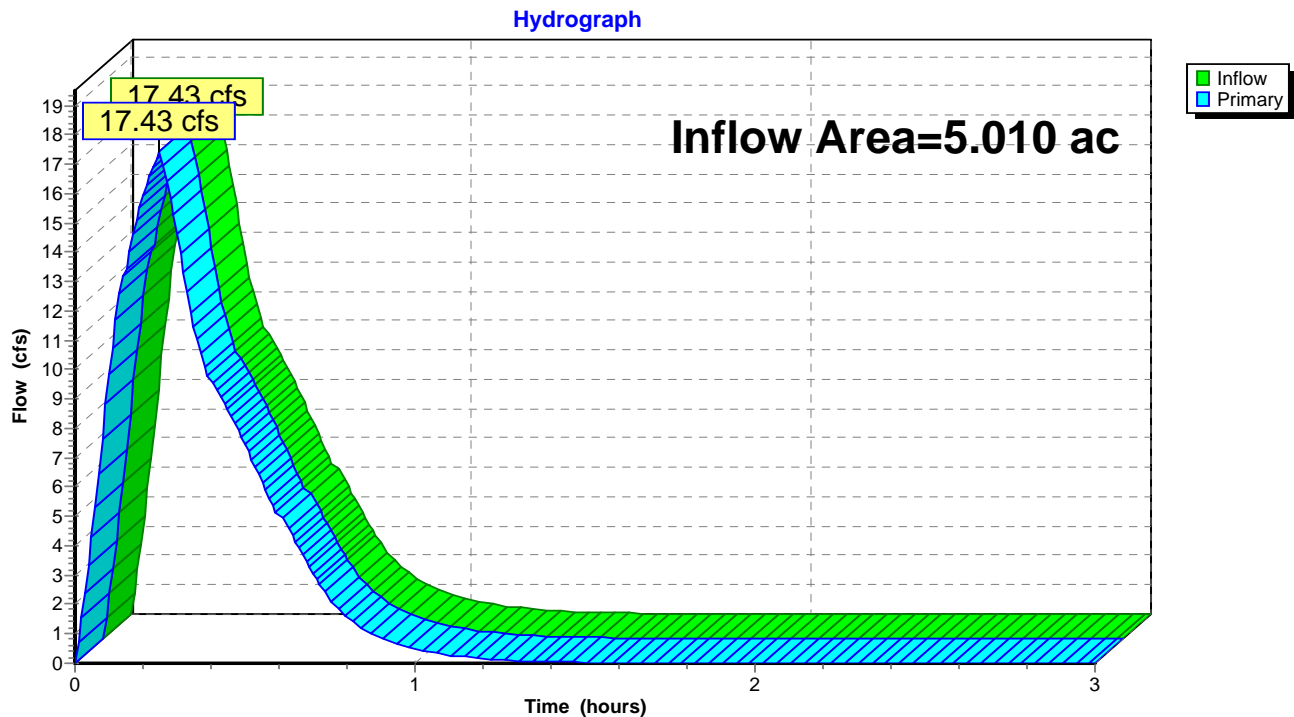


Summary for Link C: Combined Offsite Runoff

Inflow Area = 5.010 ac, 0.00% Impervious, Inflow Depth = 1.38" for 100-Year event
Inflow = 17.43 cfs @ 0.25 hrs, Volume= 0.577 af
Primary = 17.43 cfs @ 0.25 hrs, Volume= 0.577 af, Atten= 0%, Lag= 0.0 min

Primary outflow = Inflow, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs

Link C: Combined Offsite Runoff



Summary for Pond DP: Proposed Detention Pond

Inflow Area = 3.550 ac, 0.00% Impervious, Inflow Depth = 1.87" for 100-Year event
 Inflow = 15.41 cfs @ 0.17 hrs, Volume= 0.552 af
 Outflow = 10.70 cfs @ 0.49 hrs, Volume= 0.552 af, Atten= 31%, Lag= 18.9 min
 Primary = 10.70 cfs @ 0.49 hrs, Volume= 0.552 af

Routing by Stor-Ind method, Time Span= 0.00-3.00 hrs, dt= 0.01 hrs
 Peak Elev= 1,213.04' @ 0.49 hrs Surf.Area= 4,580 sf Storage= 10,401 cf

Plug-Flow detention time= 13.5 min calculated for 0.552 af (100% of inflow)
 Center-of-Mass det. time= 13.4 min (31.5 - 18.1)

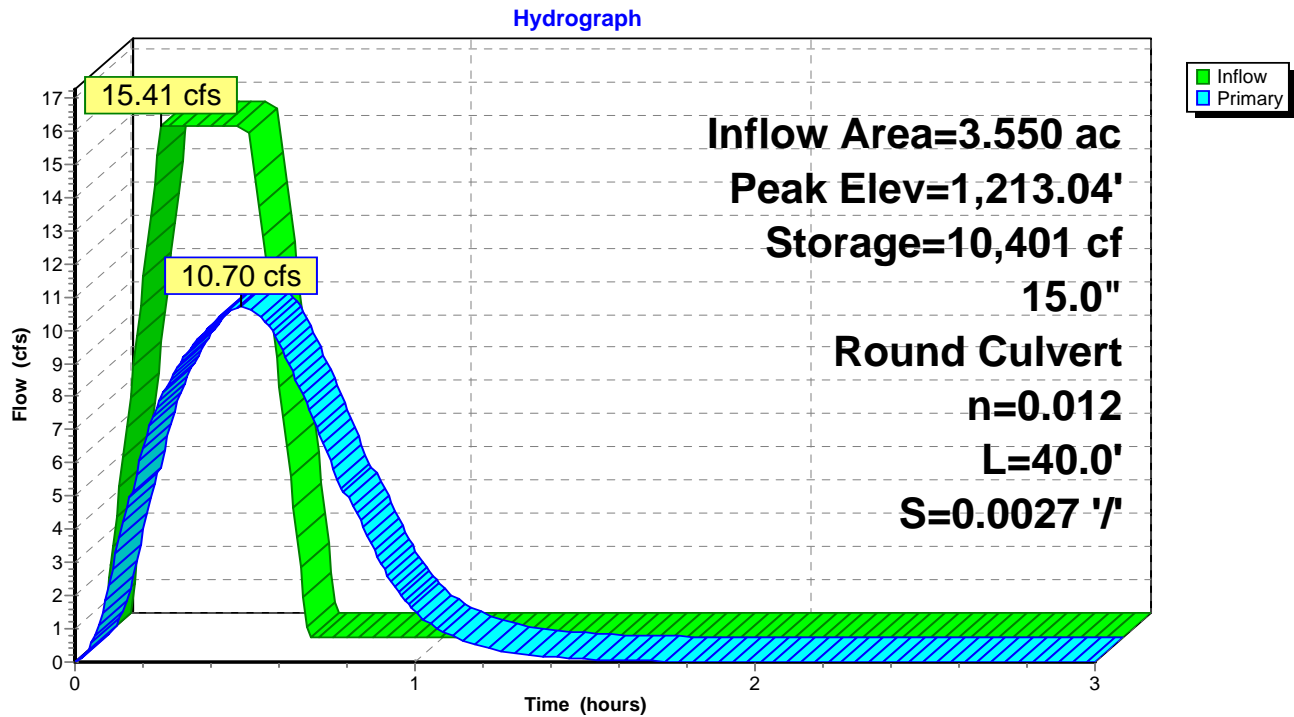
Volume	Invert	Avail.Storage	Storage Description
#1	1,209.55'	11,359 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
1,209.55	0	0	0
1,210.00	1,785	402	402
1,211.00	2,932	2,359	2,760
1,212.00	3,700	3,316	6,076
1,213.00	4,542	4,121	10,197
1,213.25	4,753	1,162	11,359

Device	Routing	Invert	Outlet Devices
#1	Primary	1,209.55'	15.0" Round Culvert L= 40.0' RCP, groove end w/headwall, Ke= 0.200 Inlet / Outlet Invert= 1,209.55' / 1,209.44' S= 0.0027 '/' Cc= 0.900 n= 0.012, Flow Area= 1.23 sf

Primary OutFlow Max=10.70 cfs @ 0.49 hrs HW=1,213.04' (Free Discharge)
 ↑1=Culvert (Barrel Controls 10.70 cfs @ 8.72 fps)

Pond DP: Proposed Detention Pond



DRAINAGE CALCULATIONS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 5/28/2020

Drainage Area Designation: P
Drainage Basin Total Area: 3.60 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 10.22 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 4.66	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.62
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	3.60	0.70	2.52
Apartments	0.00	0.85	0.00
Total Area:	3.60		2.52
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstm Elev.</u>	<u>Dwnstm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1225.48	1224.45	128.00	0.80	Residential	0.511	8.07
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:	548.00	4.50	2.03
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:	55.00	7.50	0.12
Reach 2:			0.00
Total Tc:			10.22
(For Tc<5 min., Use Tc=5 min.)			

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 4.66	Q2= 11.75
I5= 5.44	Q5= 13.72
I10= 6.20	Q10= 15.62
I25= 7.18	Q25= 18.10
I50= 8.17	Q50= 20.58
I100= 9.07	Q100= 22.86

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

Storm Sewer Structure Capacity Worksheet

Inlet Capacity Summary

(2) STD. DESIGN 2-1 INLETS = 26.4 CFS > 22.86 CFS (DA P Q100)

Pipe Capacity Summary

CAPACITY 18" RCP @ 1.10% = 11.97 CFS > 11.43 CFS (1/2 OF DA P Q100)

CAPACITY 24" RCP @ 1.00% = 24.57 CFS > 22.86 CFS (DA P Q100)

Inlet Capacity Supporting Information

<u>STD Inlet No.</u>	<u>Grate Capacity (CFS)</u>	<u>Hood Capacity (CFS)</u>	<u>Total Capacity (CFS)</u>
2-0	3.2	5.0	8.2
2-1	3.2	10.0	13.2
2-2	3.2	15.0	18.2
2-3	3.2	20.0	23.2
2-4	3.2	25.0	28.2
2-5	3.2	30.0	33.2

Pipe Capacity Supporting Calculations

Pipe Capacity calculated by Manning's Equation = $(1.49 \cdot AR^{2/3} S^{1/2}) / n$

Required head calculated using Diameter plus 1.5 times Velocity Head = $D + (1.5 \cdot (V^2) / 2g)$

<u>Pipe Capacity</u>		<u>Pipe Capacity</u>	
Pipe Diameter (D):	18 Inches	Pipe Diameter (D):	24 Inches
Box Span:	0 Feet	Box Span:	0 Feet
Box Rise:	0 Feet	Box Rise:	0 Feet
Material:	RCP	Material:	RCP
Slope:	1.10%	Slope:	1.00%
Manning's n:	0.012	Manning's n:	0.012
Area (A):	1.77 Square Feet	Area (A):	3.14 Square Feet
Wetted Perimeter (P):	4.71 Feet	Wetted Perimeter (P):	6.28 Feet
Hydraulic Radius (A/P):	0.38 Feet	Hydraulic Radius (A/P):	0.50 Feet
Velocity (V):	6.77 Ft/s	Velocity (V):	7.82 Ft/s
Capacity (Q):	11.97 CFS	Capacity (Q):	24.57 CFS

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 5/28/2020

Drainage Area Designation: DA 1
Drainage Basin Total Area: 0.46 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 6.72 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.38	Q2= 1.73
I5= 6.14	Q5= 1.98
I10= 6.99	Q10= 2.25
I25= 8.10	Q25= 2.61
I50= 9.20	Q50= 2.96
I100= 10.23	Q100= 3.29

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
Developed Land Uses:			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.46	0.70	0.32
Apartments	0.00	0.85	0.00
Total Area:	0.46		0.32
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstrm Elev.</u>	<u>Dwnstrm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1222.36	1219.27	129.00	2.40	Residential	0.511	6.51
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:	88.00	7.00	0.21
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 6.72
 (For Tc<5 min., Use Tc=5 min.)

Runoff (Q) Supporting Calculations

Intensity (I)=A/(B+Tc)^E (A, B & E obtained from table to right)
 Runoff (Q)=CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.38	Q2= 1.73
I5= 6.14	Q5= 1.98
I10= 6.99	Q10= 2.25
I25= 8.10	Q25= 2.61
I50= 9.20	Q50= 2.96
I100= 10.23	Q100= 3.29

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

Flume 1 Weir Capacity Worksheet

Weir Capacity Summary

CAPACITY OF 3' WIDE CURB OPENING = 3.53 CFS > 3.29 CFS (DA 1 Q100)

Weir Capacity Supporting Calculations

Weir Capacity calculated by $Q = 3.33bH^{3/2}$

Weir Capacity

b:	3.0
H:	0.5
Capacity (Q):	3.53 CFS
Q100:	3.29 CFS
Depth:	5.59 Inches

FREEDOM VILLAS-PRELIMINARY DRAINAGE STUDY

Hydrologic Runoff Worksheet

Summary

Date Modified: 6/19/2020

Drainage Area Designation: B2
Drainage Basin Total Area: 0.34 Acres
Weighted Runoff Coefficient (C): 0.70
Time of Concentration: 5.53 Min.

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Supporting Calculations

Weighted Runoff Coefficient Supporting Calculations

<u>Undeveloped Land Uses:</u>	<u>Drainage Area (Acres)</u>	<u>Runoff Coefficient (C)</u>	<u>DA * C</u>
Cultivated	0.00	0.50	0.00
Pasture/Range	0.00	0.50	0.00
Forest/Woodlands	0.00	0.47	0.00
<u>Developed Land Uses:</u>			
Commercial	0.00	0.90	0.00
Shopping Center/Industrial	0.00	0.95	0.00
Rural Single Family Residential	0.00	0.60	0.00
Single Family Residential	0.34	0.70	0.24
Apartments	0.00	0.85	0.00
Total Area:	0.34		0.24
Weighted C:			0.70

Time of Concentration (Tc) Supporting Calculations

Overland Flow Tc:

	<u>Upstrm Elev.</u>	<u>Dwnstrm Elev.</u>	<u>Reach Length (ft)</u>	<u>Slope (%)</u>	<u>Overland Condition</u>	<u>K</u>	<u>Tc (Min.)</u>
Reach 1:	1215.50	1212.10	74.17	4.58	Residential	0.511	4.66
Reach 2:							

Channel Flow Tc:

	<u>Channel Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:	183.00	3.50	0.87
Reach 2:			0.00

Pipe Flow Tc:

	<u>Pipe Length (ft)</u>	<u>Velocity (fps)</u>	
Reach 1:			0.00
Reach 2:			0.00

Total Tc: 5.53
 (For Tc < 5 min., Use Tc = 5 min.)

Runoff (Q) Supporting Calculations

Intensity (I) = A / (B + Tc) * E (A, B & E obtained from table to right)
 Runoff (Q) = CI(DA)

<u>I (in/hr)</u>	<u>Q (cfs)</u>
I2= 5.68	Q2= 1.35
I5= 6.42	Q5= 1.53
I10= 7.31	Q10= 1.74
I25= 8.47	Q25= 2.02
I50= 9.63	Q50= 2.29
I100= 10.70	Q100= 2.55

Frequency (Year)	Parameters for MWC IDF Equations		
	A	B	E
2-Year	56.43	11.5	0.81
5-Year	72	15	0.8
10-Year	82	15	0.8
25-Year	95	15	0.8
50-Year	108	15	0.8
100-Year	120	15	0.8

Storm Sewer Structure Capacity Worksheet

Inlet Capacity Summary

REFER TO FIELD INLET WIER CAPACITY WORKSHEET

Pipe Capacity Summary

CAPACITY 24" RCP @ 0.50% = 17.38 CFS > 13.25 CFS (DA B2 Q100 + DETENTION POND PEAK Q100 RELEASE)

Pipe Capacity Supporting Calculations

Pipe Capacity calculated by Manning's Equation = $(1.49 \cdot AR^{2/3} S^{1/2}) / n$

Required head calculated using Diameter plus 1.5 times Velocity Head = $D + (1.5 \cdot (V^2) / 2g)$

<u>Pipe Capacity</u>	
Pipe Diameter (D):	24 Inches
Box Span:	0 Feet
Box Rise:	0 Feet
Material:	RCP
Slope:	0.50%
Manning's n:	0.012
Area (A):	3.14 Square Feet
Wetted Perimeter (P):	6.28 Feet
Hydraulic Radius (A/P):	0.50 Feet
Velocity (V):	5.53 Ft/s
Capacity (Q):	17.38 CFS

<u>Required Head</u>	
Required Head:	2.71 Feet

<u>Pipe Capacity</u>	
Pipe Diameter (D):	30 Inches
Box Span:	0 Feet
Box Rise:	0 Feet
Material:	RCP
Slope:	0.50%
Manning's n:	0.012
Area (A):	4.91 Square Feet
Wetted Perimeter (P):	7.85 Feet
Hydraulic Radius (A/P):	0.63 Feet
Velocity (V):	6.42 Ft/s
Capacity (Q):	31.51 CFS

<u>Required Head</u>	
Required Head:	3.46 Feet

Field Inlet Weir Opening Capacity Worksheet

Weir Capacity Summary

CAPACITY OF 2.5' WIDE & 6" TALL FILED INLET = 2.94 CFS > 2.55 CFS (DA B2)

Weir Capacity Supporting Calculations

Weir Capacity calculated by $Q = 3.33bH^{3/2}$

Weir Capacity

b:	2.5	Ft
H:	0.5	Ft
Capacity (Q):	2.94	CFS
Q100:	2.55	CFS
Depth:	5.19	Inches

Freedom Villas

Residences
Midwest City, OK











Public Works Administration

8730 S.E. 15th Street,
Midwest City, Oklahoma 73110

Public Works Director

pstreets@midwestcityok.org

(405) 739-1061

Public Works City Engineer

pmenefee@midwestcityok.org

(405) 739-1062

www.midwestcityok.org

Memorandum

To: Honorable Mayor and Council

From: R. Paul Streets, Public Works Director

Date: 25 August 2020

Subject: Discussion and consideration of accepting a status update on OG&E street lighting maintenance.

A special Council sub-committee (Reed, Byrne and Eads) meeting was held on 18 October 2017 to review Midwest City street lighting maintenance issues, owned by OG&E. Following that meeting, Council requested and received regular updates from City staff, as well as representatives from OG&E, on the maintenance program associated with OG&E street lighting. A spreadsheet detailing every complaint or issue called in to, or discovered by, Public Works since 1 January 2020 is attached. Additionally, the street light technician created a separate document highlighting items that are not completed, which is attached for review.

Brandon Bundy from Community Development has also been involved with a few special projects and I have attached his progress reports to the City Manager's Office.

Please let me know if I can provide additional information.

Respectfully,

R. Paul Streets
Public Works Director

Attached: OG&E Spreadsheet for CY 2020 – PWA
YTD Report 2020 – Street Light Tech
Lighting Memo to CMO for Council – B. Bundy
Lighting Report – B. Bundy
Lighting List – B. Bundy

Date Reported	Pole #	Location	Work Order #	Emailed to OG&E	DETAILS	RESULTS FROM OG&E	DATE RECEIVED
1/6/2020	8734	477 DOVER ROAD	9000004574	1/6/2020	ON DURING DAYTIME	JOB COMPLETE	2/20/2020
1/6/2020	12353	200 EAST COE DRIVE	9000004573	1/6/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/6/2020	7980	12404 GROVDON DRIVE	9000004575	1/6/2020	ON DURING DAYTIME	JOB COMPLETE	2/11/2020
1/6/2020	11555	11190 BROOK LANE	9000004576	1/6/2020	ON DURING DAYTIME	JOB COMPLETE	2/11/2020
1/6/2020	10465	646 CRESCENT CIRCLE	9000004578	1/6/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/6/2020	12034	614 CRESCENT CIRCLE	9000004579	1/6/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/10/2020	7505	611 HOLMAN PLACE	9000005485	1/10/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
1/10/2020	8516	600 WEST RICKENBACKER DRIVE	9000005487	1/10/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
1/10/2020	10439	6701 SABLE STREET	9000005488	1/10/2020	REPLACE POLE & LIGHT	POLE REPLACEMENT	2/20/2020
1/16/2020	9009	717 NORTH CHRISTINE DRIVE	9000006673	1/16/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/16/2020	10485-11874	1648-2953 SOUTH AIR DEPOT BLVD.	9000006674	1/16/2020	ALL LIGHTS OUT	JOB COMPLETE	2/20/2020
1/16/2020	12509-6800	1861-1983 HUDIBURG MDRIVE	9000006675	1/16/2020	ALL LIGHTS OUT	JOB COMPLETE	2/20/2020
1/27/2020	10482	9320 EMILY LANE	9000007512	1/27/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
1/27/2020	8694	9229 CASSIDY COURT	9000007513	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	7572	400 SOUTH DAVIDSON ROAD	9000007514	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	9811	10412 BELLMONT AVENUE	9000007515	1/27/2020	REPLACE LIGHT	JOB COMPLETE	2/11/2020
1/27/2020	6420	480 CAMBRIDGE ROAD	9000007516	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	7893	10305 MORRISON LANE	9000007517	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	99999	950 KARLEE COURT	9000007518	1/27/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
1/27/2020	9009	717 NORTH CHRISTINE DRIVE	9000007519	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	12252	306 BENT TREE DRIVE	9000007561	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	10501	210 KATHLEEN DRIVE	9000007562	1/27/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
1/27/2020	6814	309 HUDSON PLACE	9000007563	1/27/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
1/27/2020	11201	3704 BELLA VISTA DRIVE	9000007564	1/27/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
1/27/2020	12249	1317 AVIOLA AVENUE	9000008645	2/3/2020	LIGHT OUT	JOB COMPLETE	2/11/2020
2/3/2020	12229	6459 N.E. 10TH. STREET	9000008646	2/3/2020	REPLACE POLE & LIGHT	JOB COMPLETE	2/20/2020
2/3/2020	9070	114 LONDON LANE	9000008647	2/3/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
2/3/2020	11076-10450	112-660 NORTH AIR DEPOT BLVD.	9000008648	2/3/2020	ALL LIGHTS OUT	JOB COMPLETE	2/20/2020
2/14/2020	11553	12745 S.E. 16TH STREET	9000018726	2/14/2020	LIGHT OUT	JOB COMPLETE	2/20/2020
2/14/2020	8498	520 WEST LOCKHEED DR.	9000010088	2/14/2020	REPLACE POL & LIGHT	JOB COMPLETE	2/20/2020
3/12/2020	7718	901 BOYKIN DRIVE	9000013412	3/12/2020	FLASHES ON AND OFF	JOB COMPLETE	4/13/2020
3/12/2020	9199	2060 WESTBURY DRIVE	9000016124	3/12/2020	BAD POLE/WIRE LOOSE	JOB PENDING	4/13/2020
3/12/2020	6668	1845 SHIRLEY DRIVE	9000013413	3/12/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/12/2020	11990	12529 S. E. 18th. STREET	9000013414	3/12/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/12/2020	12058	9600 KENT DRIVE	9000013415	3/12/2020	BROKEN COVER	JOB COMPLETE	4/13/2020
3/12/2020	12052	1809 MARKWOOD STREET	9000013416	3/12/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/12/2020	8251	120 BROOK LANE	9000013417	3/12/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/12/2020	99999	8627 EAST RENO AVENUE	9000013418	3/12/2020	REMOVE FROM INVENTORY	JOB COMPLETE	4/8/2020
3/12/2020	9371	1213 KAREN LANE	90000419	3/12/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/17/2020		SANDRA AND ASKEW	9000013435	3/17/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/17/2020		6805 SE 15TH ST	9000013436	3/17/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/17/2020		6807 SE 15TH ST	9000013436	3/17/2020	LIGHT OUT	JOB COMPLETE	4/13/2020

3/20/2020	7081	501 ROSELAWN AVE.	9000016059	3/20/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/20/2020	11488	558 BABB DR.	9000016120	3/20/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/20/2020	8746	833 EAST ROSE DR.	9000016121	3/20/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/20/2020	12268	324 EAST ELM STREET	9000016123	2/20/2020	LIGHT OUT	JOB COMPLETE	4/13/2020
3/20/2020	9199	2060 WESTBURY DRIVE	9000014012	3/20/2020	BAD POLE/LOOSE WIRE	JOB COMPLETE	4/13/2020
3/20/2020	#43-#21	1054 N.E. 10TH ST./THE TRAILS	9000016125	3/20/2020	LIGHTS OUT/TOM POORE PARK	JOB COMPLETE	4/15/2020
4/8/2020	2 EA.	JOE B BARNES DR./WEST END	9000016126	4/8/2020	2 LIGHTS OUT	JOB COMPLETE	5/5/2020
4/8/2020	99999	12541 NATIVE HILL DRIVE	9000016127	4/8/2020	GLOBE LOOSE ON POLE	JOB COMPLETE	5/5/2020
4/13/2020	8616	10139 OLLIE AVENUE	9000016276	4/13/2020	REPLACE POLE & LIGHT	JOB COMPLETE	6/1/2020
4/13/2020	10909	692 EDDI DRIVE	9000016277	4/13/2020	BROKEN COVER	JOB COMPLETE	5/5/2020
4/15/2020	11098	913 GENERAL SENTER DRIVE	9000016765	4/15/2020	WIRE LOOSE ON POLE	JOB COMPLETE	5/5/2020
4/23/2020	92110-10284	9000-9600 S.E. 15TH. STREET	9000017644	4/23/2020	ALL LIGHTS OUT	JOB COMPLETE	5/5/2020
4/23/2020	1238-7707	9187-10000 N.E. 10TH. STREET	9000017645	4/23/2020	ALL LIGHTS OUT	JOB COMPLETE	5/5/2020
4/23/2020	8019	9713 WOODROCK PLACE	9000017841	4/23/2020	LIGHT OUT	JOB COMPLETE	5/5/2020
4/27/2020	7599	401 SOUTH ST. PAUL AVE.	9000018272	4/27/2020	LIGHT OUT	JOB COMPLETE	5/5/2020
4/28/2020	6828	1913 MELODY DRIVE	9000018273	4/28/2020	LIGHT OUT	JOB COMPLETE	5/5/2020
4/28/2020	ALL LIGHTS	SOUTH DOUGLAS BLVD./S.E. 15 ST./RENO AVE.	9000018274	4/28/2020	ALL LIGHTS OUT	JOB COMPLETE	5/5/2020
4/30/2020	12421	1733 CREST CIRCLE	9000018802	4/30/2020	BROKEN COVER	JOB COMPLETE	5/27/2020
5/4/2020	12281-1874	1800-2950 SOUTH AIR DEPOT BLVD.	9000018918	5/4/2020	ALL LIGHTS OUT	JOB COMPLETE	5/27/2020
5/8/2020	99999	W. MORRIS MCGEE DR. OFF 8500 E. RENO AVE.	9000020846	5/8/2020	LIGHT OUT	JOB COMPLETE	7/15/2020
5/8/2020	10054	EAST MORRIS MCGEE DR./REGIONAL PARK	9000020847	5/8/2020	LIGHT OUT	JOB COMPLETE	6/16/2020
5/8/2020	11786	901 KING AVENUE	9000020848	5/8/2020	LIGHT OUT	JOB COMPLETE	5/26/2020
5/8/2020	8816	813 SOUTH LAWSON AVENUE	9000020849	5/8/2020	LIGHT OUT	JOB COMPLETE	6/1/2020
5/11/2020	11352	5792 S.E. 8TH. STREET	9000019831	5/11/2020	LIGHT OUT	JOB COMPLETE	5/14/2020
5/11/2020	11988	800 ROLLING MEADOWS BLVD.	9000019832	5/11/2020	LIGHT OUT	JOB COMPLETE	5/14/2020
5/18/2020	11291	9208 CASSIDY COURT	9000020858	5/18/2020	LOOSE COVER	JOB COMPLETE	6/1/2020
5/18/2020	12019	11178 STONERIDGE LANE	9000020859	5/18/2020	LOOSE COVER	JOB COMPLETE	6/1/2020
5/18/2020	12445	11012 LARKIN LANE	9000020922	5/18/2020	LOOSE COVER	JOB COMPLETE	6/1/2020
5/18/2020	12396	211 EAST HARMON DRIVE	9000020923	5/18/2020	LIGHT OUT	JOB COMPLETE	6/29/2020
5/18/2020	12263-12659	353-402 EAST DOUGLAS DRIVE	9000020920	5/18/2020	ALL LIGHTS OUT	JOB COMPLETE	6/29/2020
5/18/2020	10478	901 NORTH KEY BLVD.	9000020843	5/18/2020	LIGHT OUT	JOB COMPLETE	6/1/2020
5/18/2020	7213	425 EAST ATKINSON DRIVE	9000020944	5/18/2020	LIGHT OUT	JOB COMPLETE	6/1/2020
5/18/2020	9217	495 EAST NORTHRUP DRIVE	9000020845	5/18/2020	LIGHT OUT	JOB COMPLETE	6/1/2020
5/22/2020	8509	3600 ROLLING LANE	9000021740	5/22/2020	BROKEN COVER/LOOSE WIRE	JOB COMPLETE	6/1/2020
5/22/2020	10255	3213 NORTH VIEWPOINT DR.	9000021741	5/22/2020	LIGHT OUT	JOB COMPLETE	6/5/2020
5/22/2020	9931	601 EDDIE DRIVE	9000021742	5/22/2020	BROKEN COVER	JOB COMPLETE	6/5/2020
5/22/2020	10986	13170 RED OAK DRIVE	9000021743	5/22/2020	BROKEN COVER/KING FIXTURE	JOB COMPLETE	6/5/2020
5/22/2020	9771	1900 CLARY DRIVE	9000021744	5/22/2020	LIGHT OUT	JOB COMPLETE	6/5/2020
5/27/2020	8173	8215 EAST RENO AVENUE	9000021892	5/27/2020	LIGHT OUT	JOB COMPLETE	6/16/2020
5/27/2020	10450	112 NORTH AIR DEPOT BLVD.	9000021893	5/27/2020	LIGHT OUT	JOB COMPLETE	6/16/2020
5/27/2020	7707-9502	9900-9929 N. E. 10TH. STREET	9000021895	5/27/2020	LIGHTS OUT	JOB COMPLETE	6/16/2020
5/27/2020	6850-7674	3912 N. HOLMAN CT./TOM POORE PARK	9000021897	5/27/2020	LIGHTS OUT/WALKING TRAIL	JOB COMPLETE	6/16/2020
6/1/2020	10215	1913 GERRIE STREET	9000022803	6/1/2020	LIGHT OUT	JOB COMPLETE	6/23/2020

6/3/2020	11240	9101 INDIAN CREEK STREET	9000022804	6/3/2020	REPLACE POLE/LIGHT	JOB COMPLETE	7/14/2020
6/9/2020	11814-9760	615 NORTH DOUGLAS BLVD.	9000023586	6/9/2020	LIGHTS OUT	JOB COMPLETE	6/29/2020
6/9/2020	11011-7228	9535 N.E. 10TH. STREET	9000023587	6/9/2020	LIGHTS OUT	JOB COMPLETE	6/29/2020
6/9/2020	6496-10015	270 WEST HARMON DRIVE	9000023589	6/9/2020	LIGHTS OUT	W. O. CLOSED	
6/9/2020	10144	434 WEST ERCOUPE DRIVE	9000023590	6/9/2020	LIGHT OUT	JOB COMPLETE	6/23/2020
6/15/2020	7437-8351	8000-9000 N. E. 23RD. STREET	9000024327	6/15/2020	LIGHTS OUT	JOB COMPLETE	6/29/2020
6/15/2020	99999	12481 NATIVE HILL DRIVE	9000024328	6/15/2020	BROKEN GLOBE	JOB COMPLETE	6/30/2020
6/15/2020	9838	2027 YORKSHIRE DRIVE	9000024329	6/15/2020	REPLACE POLE AND LIGHT	JOB COMPLETE	7/23/2020
6/15/2020	11871	1412 LOCKHEED COURT	9000024330	6/15/2020	LIGHT OUT	JOB COMPLETE	6/30/2020
6/19/2020	11439	820 ASKEW DRIVE	9000024945	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	7387	2001 ANTHONY CIRCLE	9000024946	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	7473	2017 SANDRA DRIVE	9000024947	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	8569	913 WEST IDYWILD DRIIVE	9000024948	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	8916	301 EAST ROSE DRIVE	9000024949	6/19/2020	INSTALL LIGHT		
6/19/2020	11029	2420 NORTH KEY BLVD.	9000024950	6/19/2020	REPLACE LIGHT	JOB COMPLETE	6/30/2020
6/19/2020	7843	921 MEADOWRIDGE DRIVE	9000024951	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	10905	11604 EAST SURREY LANE	9000024952	6/19/2020	REPLACE POLE & LIGHT		
6/19/2020	11068	404 CEDAR STREET	9000024953	6/19/2020	REPLACE LIGHT	JOB COMPLETE	6/30/2020
6/19/2020	7411	9720 N. E. 4TH. STREET	9000024954	6/19/2020	REPLACE POLE & LIGHT	JOB COMPLETE	7/29/2020
6/19/2020	10725	3021 BIG OAK DRIVE	9000024955	6/19/2020	REPLACE POLE & LIGHT	JOB COMPLETE	7/21/2020
6/19/2020	9561	942 CEDAR HILL PLACE	9000024956	6/19/2020	REPLACE POLE & LIGHT		
6/19/2020	12303	301 WEST CAMPBELL DRIVE	9000024957	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	9313	100 LONDON LANE	9000024958	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/19/2020	7039	801 MEADOWRIDGE DRIVE	9000024959	6/19/2020	ON DURING DAYTIME	JOB COMPLETE	6/30/2020
6/29/2020	9597	1201 NORTH CHRISTINE DRIVE	9000026263	6/29/2020	REPLACE POLE & LIGHT		
6/29/2020	12266	9301 SHERWELL DRIVE	9000026264	6/29/2020	REPLACE POLE & LIGHT	JOB COMPLETE	8/3/2020
6/29/2020	10399	1413 ALAN LANE	9000026965	6/29/2020	REPLACE POLE & LIGHT	JOB COMPLETE	8/3/2020
6/29/2020	8996	309 PINE HURST DRIVE	9000026966	6/29/2020	LIGHT OUT	JOB COMPLETE	7/24/2020
7/3/2020	12229	6457 N. E. 10TH. STREET	9000027562	7/3/2020	INSTALL LIGHT	JOB COMPLETE	
7/3/2020	6416-6393	7005-7113 N. E. 10TH. STREET	9000027563	7/3/2020	LIGHTS OUT		
7/3/2020	10485-12448	1600-2380 SOUTH AIR DEPOT BLVD.	9000027564	7/3/2020	LIGHTS OUT	JOB COMPLETE	7/25/2020
7/3/2020	8836-10190	810-870 ADAIR BLVD.	9000027565	7/3/2020	LIGHTS OUT	JOB COMPLETE	7/25/2020
7/3/2020	11561-11623	8041-8600 S. E. 15TH. STREET	9000027566	7/3/2020	LIGHTS OUT	JOB COMPLETE	7/20/2020
7/4/2020	ALL LIGHTS	EAST I-40 SOONER ROAD -DOUGLAS BLVD.	9000027577	7/4/2020	LIGHTS OUT	JOB COMPLETE	7/25/2020
7/4/2020	# 202	REGIONAL PARK TRAIL LIGHT	9000027578	7/4/2020	LIGHT OUT		
7/8/2020	99999	115 WINDSOR WAY	9000027585	7/8/2020	LIGHT OUT	JOB COMPLETE	8/3/2020
7/8/2020	6416-6388	7000-8000 N. E. 10TH. STREET	9000027586	7/8/2020	LIGHTS OUT	JOB COMPLETE	7/25/2020
7/8/2020	9445	816 IDYLWILD DRIVE	9000027587	7/8/2020	LIGHT OUT	JOB COMPLETE	7/23/2020
7/9/2020	99999	225 BLUEBIRD DRIVE	9000025146	7/9/2020	LIGHT OUT	JOB COMPLETE	7/23/2020
7/14/2020	9213	9850 S. E. 15TH. STREET	9000027940	7/14/2020	REPLACE POLE & LIGHT		
7/14/2020	99999	2201 SNAPPER LANE	9000027941	7/14/2020	LIGHT OUT	JOB COMPLETE	8/3/2020
7/14/2020	12214	808 NORTH MIDWEST BLVD.	9000027942	7/14/2020	REPLACE POLE & LIGHT		
7/14/2020	9062	536 WEST SILVERMEADOW DRIVE	9000027930	7/14/2020	LIGHT OUT	JOB COMPLETE	7/23/2020

7/16/2020	6417-6396	8000-9000 N. E. 10TH. STREET	9000028100	7/16/2020	LIGHTS OUT	JOB COMPLETE	7/25/2020
7/16/2020	6496-10015	270 WEST HARMON DRIVE	9000027719	7/16/2020	LIGHTS OUT		
7/20/2020	8246-8623	112-960 NORTH AIR DEPOT BLVD.	9000028809	7/20/2020	LIGHTS OUT	JOB COMPLETE	7/25/2020
7/20/2020	8000	703 NORTH KEY BLVD.	9000028810	7/20/2020	REPLACE LIGHT AND POLE		
7/23/2020	10622	10307 ST. PATRICK DRIVE	9000029372	7/23/2020	LIGHT OUT	JOB COMPLETE	8/3/2020
7/23/2020	7970	3216 BELLA VISTA DRIVE	9000029373	7/23/2020	LIGHT OUT	JOB COMPLETE	8/3/2020
7/23/2020	1123	205 COUNTRY LANE	9000029374	7/23/2020	LIGHT OUT	JOB COMPLETE	8/3/2020
7/27/2020	12034	614 CRESCENT CIRCLE	9000030642	7/27/2020	LIGHT OUT	JOB COMPLETE	
7/27/2020	12319-8687	400-1065 NORTH MIDWEST BLVD.		7/27/2020	LIGHTS OUT		
7/27/2020	8593-6819	6717-7000 N. E. 10TH. STREET		7/27/2020	LIGHTS OUT		
7/27/2020	1142-12331	8700-9000 EAST RENO AVENUE		7/27/2020	LIGHTS OUT		
7/29/2020	8569	913 WEST IDYLWILD DRIVE	9000030278	7/29/2020	LIGHT OUT		
8/3/2020	6777	10700 N. E. 4TH. STREET	9000030571	8/3/2020	LIGHT OUT		
8/3/2020	10246	452 NORTH CEDAR DRIVE	9000030572	8/3/2020	LIGHT OUT		
8/3/2020	9862	5906 S. E. 29TH. STREET	9000030573	8/3/2020	REPLACE LIGHT AND POLE/AUTO/		
8/3/2020	7693	1508 KING DRIVE	9000030574	8/3/2020	LIGHT OUT		
8/7/2020	7485	1117 HAZELWOOD DRIVE	9000031282	8/7/2020	LIGHT OUT		
8/7/2020	99999	2228 CHAMPOLI DRIVE	9000031283	8/7/2020	LIGHT OUT		
8/12/2020	1248-1156	1100-1200 S. E. 15TH. STREET		8/12/2020	LIGHTS OUT		
8/17/2020	99999	1905 NORTH MIDWEST BLVD.		8/17/2020	LIGHT OUT		
8/17/2020	10569	225 & 330 BLUEBIRD DRIVE		8/17/2020	LIGHTS OUT		

YEAR-TO-DATE REPORT

REPORT DATE	ADDRESS	WORK ORDER #	JOB STATUS
6/19/2020	301 East Rose Dr.	9000024949	Scheduled
6/19/2020	11604 E. Surrey Lane	9000024952	Pole/Light replacement
6/19/2020	942 Cedar Hill Place	9000024956	Pole/light replacement
6/19/2020	1201 N. Christine Dr.	9000026263	Pole /light replacement
7/3/2020	7005-7113 N. E. 10 th . Street	9000027563	Lights out/scheduled
7/4/2020	8578 E. Reno/Regional park/Trails	9000027578	Light out/# 202
7/14/2020	9850 S. E. 15 th . Street	9000027942	Pole/light replacement
7/14/2020	808 N. Midwest Blvd.	9000027942	Pole/light replacement
7/16/2020	270 W. Harmon Drive	90000257719	Light out
7/20/2020	703 N. Key Blvd.	9000028810	Pole/light replacement

The following listed work order submissions are awaiting completion. The pole/light pole replacements are in the “work in process” status. Several of the pole/light replacement items were scheduled due to the poor condition of the poles. There were also several of them that were struck by motor vehicles causing severe damage which warranted replacement.

All other work orders on the OG&E spreadsheet entered during this reporting period from 1/1/2020-7/31/2020 for the YTD report have been completed.

Respectfully,

Ralph Binkley, Street Light Technician



The City of
MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

Billy Harless, Community Development Director
Brandon Bundy, P.E., City Engineer

ENGINEERING DIVISION
Patrick Menefee, P.E., City Engineer
CURRENT PLANNING DIVISION
Kelly Gilles, Manager
COMPREHENSIVE PLANNER
Petya Stefanoff, Comprehensive Planner
BUILDING INSPECTION DIVISION
Christine Brakefield, Building Official
GIS DIVISION
Greg Hakman, GIS Coordinator

TO : Vaughn Sullivan, Assistant City Manager

FROM : Brandon Bundy, P.E., City Engineer

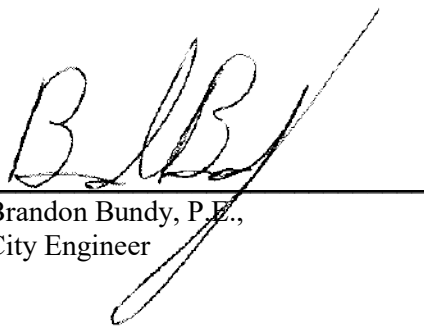
DATE : August 14th, 2020

SUBJECT : Status update regarding lighting projects sent to OG&E in 2018

Sir,

City staff identified 15 projects where lighting was warranted but were not lighted. Since the original requests were sent in August of 2018. As of today, 11 of the 15 projects are complete. One project, SE 29th Street from Midwest Boulevard to Douglas Boulevard was put on hold since the planned road project was delayed and wanted to avoid a potential construction conflict.

Attached is a summary of the projects and their respective status.

A handwritten signature in black ink, appearing to read "B. Bundy", is written over a horizontal line. Below the line, the text "Brandon Bundy, P.E., City Engineer" is printed.

CC: Billy Harless, Community Development Director

Attachment





Location #1

Changed from plan, installed on existing pole in curve rather than add additional pole and trenching costs further to the north.



Location #2

Put in per plan on existing pole.



Location #3

Put in per plan, on existing pole.



Location #4

Issue where easement had existing storm sewer and could not be easily bored or trenched to the planned transformer. Next closest transformer was too far to bore cost effective. Made field call to run overhead.



Location #5

Put in per plan.



Location #10

Put in per plan.



Location #6

Put in per plan, contractor did hit unmarked water service when installing which delayed work.



Location #7

Put in per plan



Location #8

Put in per plan



Location #9

Put in per plan.



Location #11

Put in per plan



Location #12

Put in per plan.



Location #13

Put in per plan.



Location #14

Put in per plan.

Site 15 & 16





Location #17

Put in per plan, did not install in island because of added boring cost.

OG&E Projects, Originating 2018

Status as of: 08-14-2020

		Priority 1							
		Priority 2							
Order of cc	Priority	Facility	From	To	Type	Dist (mi)	Location of Light	Install Notes	Status
1		1 Rail w Trail Phase 1			Trail	1	Along EX Trail	trail lighting	Underground work complete, 1/2 of project lighted, waiting on additional poles
2		1 Original Mile			neighborhood		15 Medians of OM + other intersections	Install decorative LED light in the OM Medians and other intersections	additional scope requested, back to engineering
3		1 Mid America Trail			Trail			trail lighting	Underground work complete, waiting on additional poles
4		2 SE 29th St	Midwest Blvd	Douglas Blvd	4 lane	1	Medians consistent with FAA/Tinker regulations	Reconstruct in fall, Tinker runway approach	on hold until ODOT project complete, likely 2020
5		Air Depot Blvd	NE 10th St	NE 23rd St	4 lane	1	East Side	Apartments, sidewalk on east side	Complete
6		Section 34			neighborhood			add lighting where warranted	Complete
7		Sooner Rd	SE 15th St		4 lane		Along Sooner Rose 1	re-install luminaires taken down for road widening	Complete
8		SE 29th St Trail/Road	Sooner Rd	Air Depot Blvd	4 lane	1	Along s side of road and trail		Complete
9		SE 15th St	Post Rd	Anderson Rd	4 lane	2.1	South Side	N Side	Complete
10		SE 15th St	Westminster Rd	Anderson Rd	4 lane	1.1	Medians	Medians, Residential	Complete
11		Post Rd	SE 29th St	SE 15th	4 lane		1 West Side	East Side on Existing Poles	Complete
12		Post Rd	SE 15th St	Reno Ave	4 lane	1	Medians	Medians, Residential	Complete
13		Hudiburg Rd	Adair Blvd	SE 15th St	2 lane		Medians	median lighting	Complete
14		Joe B Barnes Trail	Along EX Trail (in trees along golf course fence)					trail lighting	Complete
15		Kiwanis Park	Along EX Trail					trail lighting, consolidate existing poles	Complete



City Manager's Office
Vaughn K. Sullivan,
Assistant City Manager
vsullivan@midwestcityok.org
100 N. Midwest Blvd,
Midwest City, Oklahoma 73110
O: 405-739-1207 /Fax: 405-739-1208

MEMORANDUM

TO: Honorable Mayor and Council

FROM: Vaughn K. Sullivan, Assistant City Manager

DATE: August 25, 2020

SUBJECT: Discussion and Consideration approving Amendment No. 1 to the construction management contract with MacHill Construction, Inc. associated with the Reed Baseball Complex renovations in a guaranteed maximum price (GPM) not to exceed \$ 2,247,000.00.

On January 28th, 2020, the Council Approved a construction management GPM contract with MacHill Construction, Inc. for the renovation of Reed Baseball Complex. MacHill Construction has publicly bid all aspects of the project and is requesting the Council approve attached Amendment No. 1. Included in the amendment to the contract is a GPM not to exceed of \$ 2,247,000.00, subject to additions and deductions by Change Order as provided in the contract documents.

It should be noted that MacHill is not awarding to the lowest bidder for bid packages 2B, Site Utilities, and 2C, Synthetic Field Turf. Cason Hill, Vice President for MacHill Construction. Inc. has included a summery justification statement in the amendment. Staff agrees with his recommendations.

This project is associated with the 2018 Moving Midwest City Forward GO bond issue. Funds are budgeted and available through the bond issue and will be supplemented by fund 123, 65 and 45.

Vaughn K. Sullivan
Assistant City Manager

Attachment: A133 – Exhibit A, Guaranteed Maximum Price Contract Amendment 1



AIA Document A133™ – 2019 Exhibit A

Guaranteed Maximum Price Amendment

This Amendment dated the Seventeenth day of August in the year Twenty-Twenty, is incorporated into the accompanying AIA Document A133™–2019, Standard Form of Agreement Between Owner and Construction Manager as Constructor where the basis of payment is the Cost of the Work Plus a Fee with a Guaranteed Maximum Price dated the Seventeenth day of January in the year Twenty-Twenty (the “Agreement”) (In words, indicate day, month, and year.)

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

for the following **PROJECT**:

(Name and location or address)

MWC Reed Baseball Complex Renovations

Midwest City

AIA Document A201™–2017, General Conditions of the Contract for Construction, is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

THE OWNER:

(Name, legal status, and address)

City of Midwest City

100 N. Midwest Blvd.

Midwest City, OK 73110

THE CONSTRUCTION MANAGER:

(Name, legal status, and address)

MacHill Construction Company, Inc.

19080 CR 1590

Ada, OK 74820

TABLE OF ARTICLES

- A.1 GUARANTEED MAXIMUM PRICE
- A.2 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION
- A.3 INFORMATION UPON WHICH AMENDMENT IS BASED
- A.4 CONSTRUCTION MANAGER'S CONSULTANTS, CONTRACTORS, DESIGN PROFESSIONALS, AND SUPPLIERS

ARTICLE A.1 GUARANTEED MAXIMUM PRICE

§ A.1.1 Guaranteed Maximum Price

Pursuant to Section 3.2.6 of the Agreement, the Owner and Construction Manager hereby amend the Agreement to establish a Guaranteed Maximum Price. As agreed by the Owner and Construction Manager, the Guaranteed Maximum Price is an amount that the Contract Sum shall not exceed. The Contract Sum consists of the Construction Manager's Fee plus the Cost of the Work, as that term is defined in Article 6 of the Agreement.

Init.

AIA Document A133™ – 2019 Exhibit A. Copyright © 1991, 2003, 2009, and 2019 by The American Institute of Architects. All rights reserved.

WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. This document was created on 01/08/2020 17:12:06 under the terms of AIA Documents on Demand® Order No. 2010452724, and is not for resale. This document is licensed by The American Institute of Architects for one-time use only, and may not be reproduced prior to its completion.

§ A.1.1.1 The Contract Sum is guaranteed by the Construction Manager not to exceed

Two Million Two Hundred Forty-Seven Thousand Dollars

(\$2,247,000), subject to additions and deductions by Change Order as provided in the Contract Documents.

§ A.1.1.2 **Itemized Statement of the Guaranteed Maximum Price.** Provided below is an itemized statement of the Guaranteed Maximum Price organized by trade categories, including allowances; the Construction Manager's contingency; alternates; the Construction Manager's Fee; and other items that comprise the Guaranteed Maximum Price as defined in Section 3.2.1 of the Agreement.

(Provide itemized statement below or reference an attachment.)

See Attachment A - Bid Package Recommendations and Budget

§ A.1.1.3 The Construction Manager's Fee is set forth in Section 6.1.2 of the Agreement.

§ A.1.1.4 The method of adjustment of the Construction Manager's Fee for changes in the Work is set forth in Section 6.1.3 of the Agreement.

§ A.1.1.5 **Alternates**

§ A.1.1.5.1 Alternates, if any, included in the Guaranteed Maximum Price:

Item	Price
Bid Package #2A Rough Grading/Demolition - Demolition	\$14,200
Bid Package #12A Backstop Netting - Installation	\$47,695
Bid Package #13A Aluminum Seating - Spectator Seating	\$90,604 (bid) \$64,604 (VE accepted)

§ A.1.1.5.2 Subject to the conditions noted below, the following alternates may be accepted by the Owner following execution of this Exhibit A. Upon acceptance, the Owner shall issue a Modification to the Agreement.

(Insert below each alternate and the conditions that must be met for the Owner to accept the alternate.)

Item	Price	Conditions for Acceptance
N/A		

§ A.1.1.6 Unit prices, if any:

(Identify the item and state the unit price and quantity limitations, if any, to which the unit price will be applicable.)

Item	Units and Limitations	Price per Unit (\$0.00)
1",2",3",4" Irrigation Supply Lines	LF	\$6, \$12, \$24, \$30
Common Bermuda Sod	SY	\$2.90
Astro Bermuda Sod	SY	\$3.05

ARTICLE A.2 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ A.2.1 The date of commencement of the Work shall be:

(Check one of the following boxes.)

☐

The date of execution of this Amendment.

☒

Established as follows:

(Insert a date or a means to determine the date of commencement of the Work.)

09/01/20

If a date of commencement of the Work is not selected, then the date of commencement shall be the date of execution of this Amendment.

§ A.2.2 Unless otherwise provided, the Contract Time is the period of time, including authorized adjustments, allotted in the Contract Documents for Substantial Completion of the Work. The Contract Time shall be measured from the date of commencement of the Work.

§ A.2.3 Substantial Completion

§ A.2.3.1 Subject to adjustments of the Contract Time as provided in the Contract Documents, the Construction Manager shall achieve Substantial Completion of the entire Work:

(Check one of the following boxes and complete the necessary information.)

☒

Not later than 36 Weeks
the date of commencement of the Work.

(252) calendar days from

☐

By the following date:

§ A.2.3.2 Subject to adjustments of the Contract Time as provided in the Contract Documents, if portions of the Work are to be completed prior to Substantial Completion of the entire Work, the Construction Manager shall achieve Substantial Completion of such portions by the following dates:

Portion of Work

N/A

Substantial Completion Date

§ A.2.3.3 If the Construction Manager fails to achieve Substantial Completion as provided in this Section A.2.3, liquidated damages, if any, shall be assessed as set forth in Section 6.1.6 of the Agreement.

ARTICLE A.3 INFORMATION UPON WHICH AMENDMENT IS BASED

§ A.3.1 The Guaranteed Maximum Price and Contract Time set forth in this Amendment are based on the Contract Documents and the following:

§ A.3.1.1 The following Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages
Specifications	Project Manual	May 2020	All
Addendum	No. 1	6/26/20	All
Addendum	No. 2	7/8/20	All
Addendum	No. 3	7/13/20	All

§ A.3.1.2 The following Specifications:

Init.

(Either list the Specifications here, or refer to an exhibit attached to this Amendment.)

See Attachment B - Index of Documents and Drawings

Section	Title	Date	Pages
---------	-------	------	-------

§ A.3.1.3 The following Drawings:

(Either list the Drawings here, or refer to an exhibit attached to this Amendment.)

See Attachment B - Index of Documents and Drawings

Number	Title	Date
--------	-------	------

§ A.3.1.4 The Sustainability Plan, if any:

(If the Owner identified a Sustainable Objective in the Owner's Criteria, identify the document or documents that comprise the Sustainability Plan by title, date and number of pages, and include other identifying information. The Sustainability Plan identifies and describes the Sustainable Objective; the targeted Sustainable Measures; implementation strategies selected to achieve the Sustainable Measures; the Owner's and Construction Manager's roles and responsibilities associated with achieving the Sustainable Measures; the specific details about design reviews, testing or metrics to verify achievement of each Sustainable Measure; and the Sustainability Documentation required for the Project, as those terms are defined in Exhibit C to the Agreement.)

Title	Date	Pages
N/A		

Other identifying information:

§ A.3.1.5 Allowances, if any, included in the Guaranteed Maximum Price:

(Identify each allowance.)

Item	Price
Surveying	\$5,500
Miscellaneous Equipment Rental	\$2,000
Water Line	\$5,000
Rehab Existin Fencing & Foul Poles	\$9,000
Dugout Shade Structures	\$12,500
Painting	\$15,000

Init.

§ A.3.1.6 Assumptions and clarifications, if any, upon which the Guaranteed Maximum Price is based:

(Identify each assumption and clarification.)

The GMP is based on the 100% documents in the attached Index of Documents and Drawings. The GMP includes a 5% Contingency to be used at the discretion of the CM in agreement with the Owner. Any funds remaining in the contingency at the projects end will be returned to the owner via a deductive change order. The GMP does not include a performance bond for the CM. The GMP includes builder's risk insurance by the CM. The owner will cover temporary and permanent utility costs. The GMP includes testing where necessary provided by the applicable contractor.

§ A.3.1.7 The Guaranteed Maximum Price is based upon the following other documents and information:

(List any other documents or information here, or refer to an exhibit attached to this Amendment.)

See Attachment C - Painting/Electrical Quotes

ARTICLE A.4 CONSTRUCTION MANAGER'S CONSULTANTS, CONTRACTORS, DESIGN PROFESSIONALS, AND SUPPLIERS

§ A.4.1 The Construction Manager shall retain the consultants, contractors, design professionals, and suppliers, identified below:

(List name, discipline, address, and other information.)

A.3.1.5 Allowances Continued from above

Painting of Existing Foul Poles - \$1,200

Electrical - \$25,000

Sports Field Lighting Adjustments - \$2,000

Final Cleaning - \$2,500

Contractors retained for Budget Items:

Electrical - KB Electric

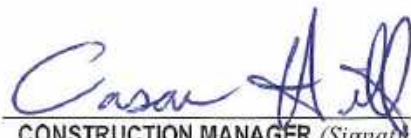
Painting - Smith Painting & Finishing

This Amendment to the Agreement entered into as of the day and year first written above.

OWNER (Signature)

Vaughn Sullivan - Assistant City Manager

(Printed name and title)



CONSTRUCTION MANAGER (Signature)

Cason Hill - Vice President

(Printed name and title)

Init.

AIA Document A133™ – 2019 Exhibit A. Copyright © 1991, 2003, 2009, and 2019 by The American Institute of Architects. All rights reserved.

WARNING: This AIA® Document is protected by U.S. Copyright Law and International Treaties. Unauthorized reproduction or distribution of this AIA® Document, or any portion of it, may result in severe civil and criminal penalties, and will be prosecuted to the maximum extent possible under the law. This document was created on 01/08/2020 17:12:06 under the terms of AIA Documents on Demand® Order No. 2010452724, and is not for resale. This document is licensed by The American Institute of Architects for one-time use only, and may not be reproduced prior to its completion.

08/14/20

City of Midwest City
Attn: Mr. Vaughn Sullivan
100 N. Midwest Blvd.
Midwest City, OK 73110

Subject: Reed Sports Complex Improvements Bid 07.14.20

Re: Recommendations

Mr. Sullivan,

MacHill Construction received bids on behalf of the City of Midwest City on 07/14/20 for the MWC Reed Sports Complex Improvements project as designed by Wall Engineering.

Overall, we had very good coverage on the majority of the bid packages. We recommend the council take action to proceed with the base bid, value engineering, and budgets shown in Attachment A for a Guaranteed Maximum Price (GMP) of \$2,247,000. This amount includes various budgeted items as shown, the builder's risk insurance, and all associated fees. The amount also includes a general contingency of \$106,672, and several budget items to be addressed via future work quotes. Any money not spent out of contingency or budgeted items will go back to the City at the end of the project via a deductive change order to the contract.

Low bids for each Bid Package were accepted, with the exception of package 2B Site Utilities and 2C Synthetic Field Turf. The low bid for Bid Package 2B was very low in comparison to all the quotes received. In addition, the prepared engineers estimate for this package was almost double the low bid, as were the majority of the bids received. For this reason, we recommend the 2nd low for the Site Utilities, whose bid was also low in comparison to the others received, but was much closer to the amount estimated necessary to complete the scope of work.

For Bid Package 2C, Synthetic Field Turf, we recommend going with the 2nd low as the most responsible bid. In gathering product research and checking references, it was found that the majority of the reviews for Hellas Construction was overwhelmingly positive with many fields being completed in the surrounding community. For the low bidder, ACT Global, School Administrators and Coaches were consulted around the State of Oklahoma and across the country for performance and product reference. The reviews were mixed, with many owners indifferent about the quality of the turf they received. The reverberating concern was that they turf ultimately appeared to be of a lesser quality when compared to other turfs that had been installed at nearby locations or within their respective school districts and cities by some of the other bidders we received quotes from. Another common issue with the ACT Global turf product references was that there were often issues with seams being seen, or splitting apart. For the most part, the issues had been addressed, but their existence was cause for concern with the owners.

In addition to the above references, the Synthetic Turf Specifications were used to determine whether or not the turf products presented by each bidder fully met the specification criteria. Of the two low bidders, we believe that the turf presented by Hellas Construction most aptly met the design criteria of the Diamond Ops 52 equivalent. The specifications called for a single sourced manufacturer for the turf. ACT Global's fibers are outsourced from a company overseas, while Hellas' turf is manufactured 100% in house, in the United States. The warranty specification stated that the turf is to be warrantied 8 years from the date of substantial completion of the install. ACT Global's turf was initially warrantied 8 years from the date of production, and then subsequently changed when concerns were raised. A specification was provided for both the field clay areas and pitcher's mound and batter's/catcher's areas, which ACT Global did not provide. Testing was not provided for the proper pile heights specified with the ACT Global turf, but they informed us that the testing would be completed at a later date prior to the product being installed. The specification called for a fabric melting point of 248 degrees Fahrenheit. The yarn provided by ACT Global through Bonar Yarns has a melting point of 239 degrees Fahrenheit. When asked for their subgrade/underdrain installer, ACT Global initially indicated that the installer would be General Sports Surfaces. The President of General Sports Surfaces was contacted and he indicated he would not be providing any install for ACT Global for the MWC Reed Sports Complex Improvements, and subsequently another installer was then given when questioned. Hellas Construction provides in house turn-key installation, as well as manufacturing, of their synthetic turf.

For the reasons listed above with regards to company/product references and the design criteria Specifications, we recommend going with Hellas Construction as the most responsible low bid for Bid Package #2C Synthetic Field Turf.

Quotes were received with regards to the Electrical and Painting for the complex. We recommend KB Electric for the Electric and Smith Painting and Finishing for the Painting.

Please let me know if you have any questions in regards to these recommendations for the MWC Reed Sports Complex Improvements.

Thank you,



Cason Hill - VP
MacHill Construction Company, Inc.

Attachment A

Bid Package Recommendations And Budget

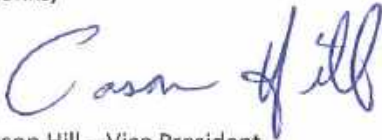
Bid Packages and Awarded Contractors

- Package #2A – Rough Grading/Demolition
Recommended Contractor – United Turf and Track (Low Bidder)
- Package #2B – Site Utilities
Recommended Contractor – Morris Plumbing (2nd Low Bidder)
- Package #2C – Synthetic Field Turf
Recommended Contractor – Hellas Construction (2nd Low Bidder)
- Package #2D – Fine Grading/Irrigation/Grassing
Recommended Contractor – United Turf and Track (Low Bidder)
- Package #2F – Fencing
Recommended Contractor – Cooks Fence and Iron (Low Bidder)
- Package #3A – Site Concrete
Recommended Contractor – Elite Star Construction (Low Bidder)
- Package #5A – Structural Steel Supply
Recommended Supplier – Weibee Steel (Low Bidder)
- Package #5B – Structural Steel Erection
Recommended Contractor – Warrior Steel (Low Bidder)
- Package #7A – Metal Roofing
Recommended Contractor – Tecta America (Low Bidder)

- Package #9A – Painting
Recommended Contractor – Smith Painting (No bids, Quotes received)
- Package #11A – Scoreboards
Recommended Contractor – SSA (Low Bidder)
- Package #12A – Backstop Netting
Recommended Contractor – Containment Systems (Low Bidder)
- Package #13A – Aluminum Seating
Recommended Contractor – Southern Bleacher (Low Bidder)

See attached budget with the above recommended contractors. Please confirm that you are in agreement with the above recommendations and the overall budget with your signature below. Let me know if you have any questions or concerns.

Thanks,



Cason Hill – Vice President
MacHill Construction Company, Inc.

City of Midwest City

Attachments: 08.14.20 Budget
cc: Wall Engineering

MacHill Construction Company, Inc.

MWC Reed Sports Complex Improvements

BUDGET
14-Aug-20

5 fields
2 new
3 rehab

Pkg #:	Description	Contractor	Multi Purpose	VE Items	Revised Total	Description
	Direct Project Expenses/GC's	MacHill	\$ 99,081.75	\$ (1,165.35)	\$ 100,000.00	
	Surveying	Budget	\$ 5,500.00		\$ 5,500.00	
	Misc Equipment Rental	Budget	\$ 2,000.00		\$ 2,000.00	
2A	Rough Grading	United Turf	\$ 101,000.00		\$ 101,000.00	
	Demolition	United Turf	\$ 14,200.00		\$ 14,200.00	
2B	Site Utilities/Storm	Morris	\$ 82,400.00	\$ (1,200.00)	\$ 81,200.00	supply reduction
	Water Line	Budget	\$ 5,000.00		\$ 5,000.00	
2C	Synthetic Field Turf	Hellas*	\$ 605,999.00	\$ 93,901.00	\$ 699,900.00	Hellas
2D	Fine Grading/Irrigation/Sod	United Turf	\$ 159,000.00		\$ 159,000.00	
2F	Fencing	Cook's	\$ 66,400.00	\$ (1,400.00)	\$ 65,000.00	labor/supply
	Rehab Existing	Budget	\$ 3,000.00		\$ 3,000.00	
	Foul Poles	Budget	\$ 6,000.00		\$ 6,000.00	
3A	Site Concrete	Elite Star	\$ 354,708.00	\$ (32,208.00)	\$ 322,500.00	no piers, 4" paving
5A	Structural Steel	Weibee	\$ 63,000.00		\$ 63,000.00	
5B	Steel Erection	Warrior	\$ 43,620.00	\$ (10,000.00)	\$ 33,620.00	remove bs poles
7A	Metal Roofing	Tecta	\$ 48,870.00	\$ (5,400.00)	\$ 43,470.00	R Panel
	Dugout Shade Structure	Budget	\$ 12,500.00		\$ 12,500.00	
9A	Painting	Budget	\$ 25,000.00	\$ (10,000.00)	\$ 15,000.00	quote
	Foul Poles	Budget	\$ 1,200.00		\$ 1,200.00	
11A	Scoreboards	SSA	\$ 58,769.00	\$ (9,000.00)	\$ 49,769.00	est. smaller boards
12A	Backstop Netting	Containment	\$ 58,975.00	\$ (5,000.00)	\$ 53,975.00	shorten netting
	Netting Installation	Containment	\$ 47,695.00		\$ 47,695.00	
13A	Aluminum Seating (Dugouts)	Southern	\$ 9,695.00		\$ 9,695.00	
	Bleacher Seating	Southern	\$ 90,604.00	\$ (26,000.00)	\$ 64,604.00	5 row bleachers
16A	Electrical	Budget	\$ 27,000.00	\$ (2,000.00)	\$ 25,000.00	quote
	Sports Field Lighting ReAim	Budget	\$ 2,000.00		\$ 2,000.00	
	Final Clean	Budget	\$ 2,500.00		\$ 2,500.00	
	Contingency (3%)		\$ 65,000.00		\$ 106,672.00	5% Contingency
	Bond		\$ 15,000.00	\$ (15,000.00)	\$ -	deduct bond
	Builders Risk		\$ 5,000.00		\$ 5,000.00	
	CM Fee		\$ 145,650.17	\$ (1,713.06)	\$ 147,000.00	
	Project Total		\$ 2,226,366.92	\$ (26,185.41)	\$ 2,247,000.00	

MacHill Construction Company, Inc.

MWC Reed Sports Complex

14-Jul-20

Pkg #	Description	AD1	AD2	AD3	NCA	BRA	BB	CC	Bid	Alternate/Notes
2A	Rough Grading/Demolition									
	Hammer Construction	X	X	X	X	X	X		\$136,616.00	No alt
	J&J Dozer	X	X	X	X	X	X		\$139,000.00	Alt. 1 25,000.00
	M&M Wrecking	X	X		X	X				Alt. 14,494.00
	K&M Dirt	X	X	X	X	X	X		\$129,046.00	Alt 1 18,455
	United Turf & Track	X	X	X	X	X	X		\$101,000.00	Alt 1 14,200 Combined 2A.2C, 2D \$1,012,700
	D Owen	X	X	X	X	X	X		\$135,550.00	Alt 1 22,750
2B	Site Utilities									
	Hammer Construction	X	X	X	X	X	X		\$114,214.80	
	Morris Plumbing	X	X	X	X	X		X	\$82,400.00	
	J&J Dozer	X	X	X	X	X	X		\$64,000.00	
	Downey Contracting	X	X	X	X	X	X		\$133,600.00	
	Young Contracting	X	X	X	X	X	X		\$124,600.00	
	Oklahoma Underground	X	X	X	X	X	X		\$108,807.00	
2C	Synthetic Field Turf									
	ACT Global	X	X	X	X	X	X		\$605,999.00	
	Mid-America Sports Construction	X	X	X	X	X	X		\$885,127.00	
	United Turf	X	X	X	X	X	X		\$806,000.00	\$752,700 with discount
	General Sports Surfaces	X	X	X	X	X	X		\$737,900.00	
	Hellas Construction	X	X	X	X	X	X		\$699,900.00	
	PCC	X	X	X	X	X	X		\$742,000.00	
	Field Turf	X	X	X	X	X	X		\$768,085.00	

MacHill Construction Company, Inc.

MWC Reed Sports Complex

14-Jul-20

Pkg #	Description	AD1	AD2	AD3	NCA	BRA	BB	CC	Bid	Alternate/Notes
2D	Fine Grading/Grassing/Irrigation									
	Mid-America	X	X	X	X	X	X		\$285,082.00	
	United Turf	X	X	X	X	X	X		\$159,000.00	
	PCC	X	X	X	X	X	X		\$250,000.00	
	Green Shade Trees	X	X		X	X	X		\$163,100.00	
2F	Fencing									
	American Fence	X	X	X	X	X	X		\$95,000.00	
	Cooks Fence	X	X	X	X	X	X		\$66,400.00	
	Superior Fence	X	X	X	X	X	X		\$142,580.00	
	RJ Fence	X	X	X	X	X	X		\$101,218.00	
	Ranchers Pipe	X	X	X	X	X		X	\$75,000.00	
	Robinsons Fence								Non Responsive	No Bond
3A	Site Concrete									
	Elite Star Construction	X	X	X	X	X	X		\$354,708.00	
	Turning Point Industries	X	X	X	X	X	X		\$408,000.00	
	MacHill	X	X	X	X	X	X		\$407,000.00	
5A	Structural Steel Supply									
	Weibee	X	X	X	X	X	X		\$63,000.00	
	HK&S	X	X	X	X	X	X		\$64,700.00	

MacHill Construction Company, Inc.

MWC Reed Sports Complex

14-Jul-20

Pkg #	Description	AD1	AD2	AD3	NCA	BRA	BB	CC	Bid	Alternate/Notes
5B	Structural Steel & Misc, Metals Erection									
	Integrity Steel	X	X	X	X	X	X		\$59,000.00	
	Warrior Steel	X	X	X					\$43,620.00	
	Allied	X	X	X	X	X			\$44,265.00	
7A	Metal Roofing									
	Tecta America								\$48,870.00	
	Kennedy Roofing								\$49,500.00	
	Elliot Roofing	X	X	X					\$49,832.62	
	Heritage Hills								\$49,500.00	
9A	Painting									
11A	Scoreboards									
	Specialty Sales Associates	X	X	X	X	X	X		\$58,769.00	
	Sportstech	X	X		X	X	X		\$66,250.00	
12A	Backstop Netting									
	West Coast Netting	X	X		X	X	X		\$76,215.00	Alt. 137,785.00
	RJ Fence	X	X	X	X	X			\$178,350.00	Alt 17,775
	Containment Solutions	X	X	X	X	X	X		\$106,670.00	Lump Sum qualified with Bid Documents, Backstop Netting Supply \$58,975, Alt. Backstop Netting Installation \$47,695
13A	Aluminum Seating									
	Heartland Seating	X	X	X	X	X	X		\$13,820.00	Alt 109,860.00
	Southern Bleacher	X	X		X	X	X		\$98,359.00	Lump Sum qualified with Bid Documents, Dugout Benches \$7,755 (8), Alt. Spectator Seating \$90,604 (12)

Attachment B - Index of Documents and Drawings

Project Specifications - May 2020

REED SPORTS COMPLEX IMPROVEMENTS

TABLE OF CONTENTS

01001	Basic Requirements
01301	General Submittal Requirements and Procedures
02201	General Earthwork
02370	Temporary Erosion, Sedimentation, and Stormwater Pollution Prevention Control
02481	Hydromulching
02810	Landscape Irrigation System
02821	Field Fencing
02930	Turfgrass Planting
03301	Concrete
07410	Metal Roofing
07900	Joint Sealers
09900	Paint and Coatings

Drawings:

CITY OF MIDWEST CITY
REED SPORTS COMPLEX IMPROVEMENTS
OKLAHOMA COUNTY, OKLAHOMA
PROJECT NUMBER MWC-20-01
JUNE 2020

Dated: 5/20

SHEET INDEX

1.	COVER SHEET
2.	STORMWATER POLLUTION PREVENTION PLAN
3.	GENERAL CONSTRUCTION NOTES
4.	EXISTING SITE PLAN / SURVEY CONTROL
5.	DEMOLITION PLAN
6.	EXISTING SITE PLAN, UTILITIES
7.	PROPOSED SITE PLAN, GENERAL
8.	PROPOSED SITE PLAN, STORMWATER DRAINAGE
9.	STORM DRAINAGE AND UTILITY DETAILS
10.	GRADING PLAN - OVERALL
11.	GRADING PLAN, FIELD 1
12.	GRADING PLAN, FIELD 2
13.	GRADING PLAN, FIELD 3
14.	GRADING PLAN, FIELD 4
15.	GRADING PLAN, FIELD 5
16.	TYPICAL FIELD DIMENSIONING PLAN, FIELDS 1-3
17.	TYPICAL FIELD DIMENSIONING PLAN, FIELDS 4-5
18.	SYNTHETIC PLAYING SURFACE DETAILS
19.	SYNTHETIC PLAYING SURFACE DETAILS
20.	PROPOSED IRRIGATION LAYOUT, FIELDS 4-5
21.	PROPOSED IRRIGATION LAYOUT, COMMON AREAS
21A.	PROPOSED IRRIGATION LAYOUT, COMMON AREAS :
22.	CONCRETE LAYOUT 1 - TYPICAL DIMENSION PLAN
23.	CONCRETE LAYOUT 2 - TYPICAL DIMENSION PLAN
24.	CONCRETE LAYOUT 3 - TYPICAL DIMENSION PLAN
25.	CONCRETE LAYOUT 4 - TYPICAL DIMENSION PLAN
26.	CONCRETE DETAILS, GENERAL
27.	BACKSTOP WALL LAYOUT, FIELDS 1-3
28.	BACKSTOP WALL LAYOUT, FIELDS 4-5
29.	BACKSTOP DETAILS, FIELDS 1-3
30.	BACKSTOP DETAILS, FIELDS 4-5
31.	MISC. BACKSTOP DETAILS
32.	FENCING LAYOUT - FIELD 1
33.	FENCING LAYOUT - FIELD 2
34.	FENCING LAYOUT - FIELD 3
35.	FENCING LAYOUT - FIELD 4
36.	FENCING LAYOUT - FIELD 5
37.	FENCING DETAILS, GENERAL
38.	DUGOUT LAYOUT AND MISCELLANEOUS DETAILS
39.	DUGOUT DETAILS
40.	SHADE STRUCTURE ROOF LAYOUTS
41.	SHADE STRUCTURE, FOUNDATION PLANS
42.	SHADE STRUCTURE, FOUNDATION DETAILS
43.	SHADE STRUCTURE, ROOF FRAMING PLANS

Addendums:

Addendum 1	6/26/20
Addendum 2	7/8/20
Addendum 3	7/13/20

Attachment C: Quotes

OK Lic, # 110040
(405) 777- 6964
1029 E. 39TH ST
SHAWNEE, OK 74804



August 11, 2020

MWC Reed Sports Complex
Electrical Proposal

Cason,

Total Electrical Proposal: \$25,000

Includes:

Power to 5 New Scoreboards
2 – 120v circuits for all 5 boards
5 – 12x12 Quazite boxes

KB Electric LLC
Kye Bowden
405-532-6861
Kye@kbelectricllc.net

Smith Painting & Finishing LLC

Moore, OK 73160

Proposal

Date	Estimate #
7/29/2020	833

Name / Address
MacHill Construction ATTN: Cason Hill MWC Reed Sports Complex

			Project
Description	Qty	Rate	Total
Prep & Paint Steel		15,000.00	15,000.00
		Total	\$15,000.00



Finance Department

100 N. Midwest Boulevard
Midwest City, OK 73110
cbarron@midwestcity.org
Office: 405-739-1245
www.midwestcityok.org

TO: Honorable Mayor and City Council

FROM: Christy Barron, City Treasurer/Finance Director

DATE: August 25, 2020

SUBJECT: Discussion and consideration of supplemental budget adjustment to the following funds for FY 2020-2021, increase: MWC Welcome Center Fund, expenses/Tourism (74) \$150,000. Park & Recreation Fund, expenses/Park & Rec (06) \$148,000. Dedicated Tax 2012 Fund, expenses/MWC Parks (23) \$100,000.

The first through third supplements are needed to increase funding for the GO bond project related to Reed Baseball Complex.

Christy Barron
Finance Director

SUPPLEMENTS

August 25, 2020

Fund MWC WELCOME CENTER (045)		BUDGET AMENDMENT FORM Fiscal Year 2020-2021			
<u>Dept Number</u>	<u>Department Name</u>	<u>Estimated Revenue</u>		<u>Budget Appropriations</u>	
		<u>Increase</u>	<u>Decrease</u>	<u>Increase</u>	<u>Decrease</u>
74	Tourism			150,000	
		<u>0</u>	<u>0</u>	<u>150,000</u>	<u>0</u>
Explanation: To provide additional funding for the GO bond project related to Reed Baseball Complex. Funding to come from fund balance.					

Fund PARK & RECREATION (123)		BUDGET AMENDMENT FORM Fiscal Year 2020-2021			
<u>Dept Number</u>	<u>Department Name</u>	<u>Estimated Revenue</u>		<u>Budget Appropriations</u>	
		<u>Increase</u>	<u>Decrease</u>	<u>Increase</u>	<u>Decrease</u>
06	Park & Rec			148,000	
		<u>0</u>	<u>0</u>	<u>148,000</u>	<u>0</u>
Explanation: To provide additional funding for the GO bond project related to Reed Baseball Complex. Funding to come from fund balance.					

Fund DEDICATED TAX 2012 (065)		BUDGET AMENDMENT FORM Fiscal Year 2020-2021			
<u>Dept Number</u>	<u>Department Name</u>	<u>Estimated Revenue</u>		<u>Budget Appropriations</u>	
		<u>Increase</u>	<u>Decrease</u>	<u>Increase</u>	<u>Decrease</u>
23	MWC Parks			100,000	
		<u>0</u>	<u>0</u>	<u>100,000</u>	<u>0</u>
Explanation: To provide additional funding for the GO bond project related to Reed Baseball Complex. Funding to come from fund balance.					



City of Midwest City Police Department

100 N. Midwest Boulevard

Midwest City, OK 73110

Office 405.739.1320

Fax 405.739.1398

MEMORANDUM

TO: Honorable Mayor and Council

FROM: Brandon Clabes, Chief of Police

DATE: August 25, 2020

SUBJECT: Discussion and consideration of dissolving the Animal Shelter Council Committee based on the fact the mission of the group has been met since the planning phase of the new Animal Welfare Services Center is complete.

The Animal Shelter Council Committee (the Committee) was created to assist City Administration and Staff during the planning phase of the new Animal Welfare Services Center, which is now under construction. The Committee met and is requesting the Council to dissolve the Committee.

Action is at the discretion of the City Council, who formed the original Council Subcommittee.

Brandon Clabes
Chief of Police



City Attorney

100 N. Midwest Boulevard
Midwest City, OK 73110
hpoole@midwestcityok.org
Office: 405.739.1203
www.midwestcityok.org

TO: Mayor and Councilmembers

FROM: Heather Poole, City Attorney

Date: August 25, 2020

Subject: Discussion and consideration of approving a Resolution authorizing and approving a Joint Resolution with the Midwest City Chamber of Commerce, Trustor of the Authority, amending the Trust Indenture of the Authority to allow for grants to be awarded for the use of technology which may have an expected useful life of less than twenty (20) years.

At the request of the Board of Grantors research was done on how to address the increasing requests for grants from community groups for technology items that did not have an expected usefulness of twenty years or more. The original trust indenture was set up in 1961 and amended again in 1998. It was also amended in 2018 but those amendments related to economic development issues not grants. Since then the needs and requests of many of the community groups applying for grant funds have included items that are related to technology (software, hardware, accessories) that do not meet the requirement that grants be for items that “have an expected useful life of greater than twenty (20) years.” The attached amendment to the Midwest City Memorial Hospital Authority Trust Indenture would address the Board of Grantors’ concern that these vital needs could not be addressed due to the limitations put in place in the 1960s and 1980s.

Respectfully,

Heather Poole

Heather Poole, City Attorney

JOINT RESOLUTION

OF

THE TRUSTEES OF THE MIDWEST CITY MEMORIAL HOSPITAL AUTHORITY
(" AUTHORITY "), THE CITY COUNCIL OF THE CITY OF MIDWEST CITY,
OKLAHOMA, BENEFICIARY OF THE AUTHORITY, AND THE MIDWEST CITY
CHAMBER OF COMMERCE, TRUSTOR OF THE AUTHORITY

APPROVING

THIRD AMENDMENT TO
AMENDED AND RESTATED TRUST INDENTURE OF THE MIDWEST CITY
MEMORIAL HOSPITAL AUTHORITY

WHEREAS, on April 8th, 1998, that certain Amended and Restated Trust Indenture ("Amended Trust Indenture") of the Midwest City Memorial Hospital Authority ("Authority") was adopted amending the original Trust Indenture of the Authority dated July 1st, 1961, for the use and benefit of the City of Midwest City, Oklahoma ("Beneficiary"), which was subsequently amended by the First Amendment to Amended and Restated Trust Indenture of the Midwest City Memorial Hospital Authority on April, 2017 ("2017 Amendment") (collectively, as amended, the "Indenture"); and amended again by the Second Amendment to the Amended and Restated Trust Indenture of the Midwest City Memorial Hospital Authority on October 9, 2018.

WHEREAS, the 2018 Amendment Paragraph 2(b) of Article III of the Amended Trust Indenture regarding the purposed of the Authority, which now reads in part as follows:

(b) Grants for the acquisition of, improvement to or enhancement of property shall be limited to properties or improvements or enhancements to properties that have an expected useful life of greater than twenty (20) years.

WHEREAS, based in part on the foregoing language of Paragraph 2(b) of Article III of the Indenture, the City Council of the Beneficiary and the Trustees of the Authority now desire to amend said Amended Trust Indenture to clarify the purposes of the Trust, specifically for what purposes the Trust funds may be awarded; and,

WHEREAS, the Trustees of the Authority and the City Council of the Beneficiary, with the consent of the Trustor, the Midwest City Chamber of Commerce ("Trustor"), are all of the parties necessary to amend the Indenture and are therefore authorized to so do.

NOW, THEREFORE, BE IT RESOLVED, that pursuant to the authority of the Trustees of the Authority and the City Council of the Beneficiary, and with the consent of the Trustor, the Midwest City Chamber of Commerce, the Indenture is hereby amended, as follows:

SECTION I. Paragraph 2 (b) of Article III of said Amended Trust Indenture is hereby amended, to read as follows, with new language underscored:

(b) Grants for the acquisition of, improvement to or enhancement of property shall be awarded with preference to be given to those properties or improvements or enhancements to properties that have an expected useful life of greater than twenty (20) years but requests can be considered that include requests for property items that include technology for computers or other software dependent property items, implements for training, or other property items that will aid the Beneficiaries identified in Article III, (1) (a).

THE UNDERSIGNED AUTHORITY, BENEFICIARY AND TRUSTOR AGREE TO ALL CONTAINED HEREIN.

APPROVED FOR AND ON BEHALF OF THE TRUSTEES OF THE MIDWEST CITY MEMORIAL HOSPITAL AUTHORITY, as authorized by Resolution No. _____ approved by the Authority on August 25, 2020.

Date_____

ATTEST: (SEAL)

SARA HANCOCK, Secretary

Date_____

ATTEST:

SARA HANCOCK, City Clerk

“Authority”

TRUSTEES OF THE MIDWEST CITY
MEMORIAL HOSPITAL AUTHORITY

MATTHEW D. DUKES, Chair

"Beneficiary"

CITY COUNCIL OF THE CITY OF
MIDWEST CITY, OKLAHOMA

MATTHEW D. DUKES II, MAYOR

Date_____

"Trustor"

MIDWEST CITY CHAMBER OF
COMMERCE

Name Title

ATTEST: (SEAL)

Secretary



NEW BUSINESS/
PUBLIC DISCUSSION





EXECUTIVE SESSION





City Manager
100 N. Midwest Boulevard
Midwest City, OK 73110
tlyon@midwestcityok.org
Office: 405.739.1201
www.midwestcityok.org

MEMORANDUM

TO: Honorable Mayor and Council

FROM: Tim Lyon, City Manager

DATE: August 25, 2020

SUBJECT: Discussion and consideration of entering into executive session as allowed under Title 25 SS 307(B)(1) to discuss the employment, hiring, appointment, promotion, demotion, disciplining or resignation of any individual salaried public officer or employee.

Appropriate information will be dispersed during executive session.



TIM LYON, City Manager



FURTHER INFORMATION





The City Of Midwest City
Neighborhood Services Department
Neighborhoods In Action • Code Enforcement • Neighborhood Initiative

MEMO

To: Honorable Mayor and Council

From: Mike S. Stroh, Neighborhood Services Director

Date: August 25, 2020

Subject: Review of the monthly Neighborhood Services report for July 2020.

In July 2020, the Code Enforcement Division had seven officers for the month. City Clerk's Code Officer was included in these numbers. We did have one officer on light duty. Together they opened 865 new cases, cleared 748 cases, contracted 75 properties, and wrote 26 new citations. This makes 6,850 cases for the year and we currently have 1,357 open cases.

Here is a breakdown of all the violations worked for the month.

	July 2019	Total 2019	July 2020	Total 2020
Other Nuisance	221	1,029	126	1,538
Rubbish	108	597	61	749
Structures	57	642	55	1,448
Tall Grass & Weeds	465	1,475	433	1,365
Trash & Debris	204	1,061	134	1,326
Vehicles	70	394	55	422

This shows a comparison between 2019 and 2020 of the total cases worked by each ward.

	July 2019	Total 2019	July 2020	Total 2020
Ward 1	323	1,528	237	2,750
Ward 2	161	846	122	640
Ward 3	268	1,109	117	1,703
Ward 4	92	434	76	340
Ward 5	170	960	216	978
Ward 6	121	518	91	397

For the total in the Tall Grass & Weeds we only count the one notice type.

For the total in the Rubbish we only count the one notice type.

For the total in the Trash & Debris we only count the one notice type.

For the total in the Other Nuisance we count thirty-two notice types;
Alcoholic Beverages, Assistance to Another Officer, Beer License, Coin Amusement Devices, Collection/Donation Boxes-Debris, Collection/Donation Boxes-Maintenance, Collection/Donation Boxes-Registered, Computer Work, Family Amusement License, Garage Sale-Permit Required, Graffiti, Health License, Litter, Misc. Violation, Nuisance Yard, Personal Storage Units (Commercial), Personal Storage Units (Residential), PM-Sewer, PM-Utilities Required-Water, Polycarts, Pool and Billiard Halls, Sight Triangle, Solicitor-Permit Required, Sports Equipment, Temporary Signs, Thank You Cards, Trim Trees, Utilities Required-Sanitation, Zoning-Group Residential, Zoning-Merchandise For Sale, and Zoning-C-3.

For the total in the Structures we count thirteen notice types;
Address Numbers, PM-Accessory Structure, PM-Blighting Influence, PM-Boarded Dwellings, PM-Condemned Structure, PM-Exterior Paint, PM-Garage Doors, PM-General Exterior, PM-Open and Unsecure, PM-Roofs & Drainage, PM-Stairways and Porches, PM-Swimming Pools, Spas & Hot Tubs, PM-Vacant (Dilapidated) Structures, and PM-Windows and Glazing.

For the total in the Vehicle we count four notice types;
Commercial Soft Surface, Inoperative Vehicle, Parking or Storing Commercial Vehicles, and Soft Surface Parking.

A handwritten signature in black ink that reads "Mike S. Stroh". The signature is written in a cursive, slightly slanted style. The first name "Mike" is written in a larger, more prominent script, followed by "S." and "Stroh". The signature is positioned above a thin horizontal line.

Mike S. Stroh, Neighborhood Services Director



The City of
MIDWEST CITY
COMMUNITY DEVELOPMENT DEPARTMENT

To: Honorable Mayor and Council

From: Billy Harless, Community Development Director

Date: Aug, 25th 2020

Subject: Monthly Residential and Commercial Building report for July 2020

Inspections are up from the last 2 months. House permits are holding steady and we are showing recovery with Commercial permits.

Billy Harless, AICP
Community Development Director

BH:ad

Midwest City Building Report
BUILDING REPORT JULY 2020

16	INDIVIDUAL RESIDENCES	\$	2,399,938.00
	DUPLEXES		
	APARTMENTS REMODEL/NEW		
	CONDOMINIUMS/TOWNHOUSE/APARTMENTS (STUDENT HOUSING)		
	PRIVATE GARAGES		
6	RESIDENTIAL REPAIR & EXPANSION	\$	236,747.00
14	FENCES	\$	35,000.00
4	SWIMMING POOLS/HOT TUBS	\$	95,200.00
3	CARPORTS	\$	6,656.00
1	PATIO COVER	\$	1,250.00
	PERSONAL STORAGE UNIT		
7	ACCESSORY BLDG.	\$	34,500.00
3	STORM SHELTER	\$	13,500.00
1	DEMOLITION	\$	3,000.00
10	DRIVE WAY		
	HOUSE RELOCATE (MOVE IN) / HOUSE MOVING (OUT)		
5	RETAINING WALL		
10	ROOF	\$	179,540.00

TOTAL VALUE OF RESIDENTIAL **\$3,005,331.00**

INDUSTRIAL AND COMMERCIAL:

	NEW BUSINESS STRUCTURES		
2	BUSINESS STRUCTURES REPAIRED/ EXPANDED	\$	810,000.00
	ACCESSORY BLDG.		
1	SMALL WIRELESS FACILITIES OR TOWERS	\$	55,000.00
3	SIGNS	\$	11,440.00
	DEMOLITION		
1	TENANT FINISH	\$	175,000.00
	POOLS		
	CANOPY/COVERED PARKING/PATIO COVER		
	FENCE		
	TENTS / SEASONAL BUILDINGS / REVOCABLE		
1	DRIVE WAY/ PARKING LOT		
	RETAINING WALL		
	ROOF		

TOTAL VALUE OF INDUSTRIAL/ COMMERCIAL BUILDINGS **\$1,051,440.00**

PUBLIC AND SEMI PUBLIC

	NEW SCHOOL STRUCTURES		
	SCHOOL STRUCTURE REPAIR/ EXPANDED		
	SCHOOL STRUCTURE MOVED IN		
1	SIGNS	CITY MONUMENT SIGN	\$ 408,540.00
	NEW CHURCH		
	NEW CHURCHES (REMODEL EXISTING SPACE)		
	ACCESSORY BLDG.		
	HOTEL NEW OR REMODEL		
	CHURCH REPAIR/ EXPANDED		
	NEW HOSPITAL STRUCTURE		
	HOSPITAL STRUCTURE REPAIR / EXPANDED		
	CITY PROPERTY REPAIR	LIBRARY	
	CITY PROPERTY NEW		
	DEMOLITIONS		
	DRIVE WAY PARKING LOT		
	ROOF		

TOTAL VALUE OF PUBLIC AND SEMI-PUBLIC BUILDINGS **\$408,540.00**

GRAND TOTAL VALUE OF BUILDING PERMITS ISSUED **\$4,465,311.00**

NEW SINGLE RESIDENTIAL BUILDING PERMITS**Jul-2020**

ADDRESS	BUILDER/CONTRACTOR	PERMIT #		VALUE
10300 SE 24TH ST	HOME CREATIONS INC	20	1218	\$142,000.00
10313 BELLMONT AVE	A & K DOZER & CONSTRUCTION	20	1184	\$160,000.00
10316 SE 24TH ST	HOME CREATIONS INC	20	1208	\$130,000.00
10500 SE 23RD ST	HOME CREATIONS INC	20	1176	\$140,081.00
10508 SE 23RD ST	HOME CREATIONS INC	20	1177	\$130,000.00
10509 SE 23RD ST	HOME CREATIONS INC	20	1137	\$113,385.00
10512 SE 23RD ST	HOME CREATIONS INC	20	1123	\$123,000.00
10517 SE 23RD ST	HOME CREATIONS INC	20	1140	\$117,192.00
12500 FOREST TER	SWM AND SONS	20	1111	\$238,000.00
12608 FOREST TER	BOB JONES HOMES	20	1080	\$298,000.00
12612 FOREST TER	BOB JONES HOMES	20	1081	\$298,000.00
12616 SE 16TH CT	IDEAL HOMES	20	1182	\$131,000.00
2204 WOODGROVE CT	HOME CREATIONS INC	20	1209	\$117,192.00
2208 WOODGROVE CT	HOME CREATIONS INC	20	1214	\$125,984.00
2212 WOODGROVE CT	HOME CREATIONS INC	20	1210	\$116,804.00
2401 CEDAR ELM PL	IDEAL HOMES	20	1060	\$19,300.00

NEW DUPLEX RESIDENTIAL BUILDING PERMITS

ADDRESS	BUILDER/CONTRACTOR	PERMIT #	VALUE
---------	--------------------	----------	-------

DEMOLITION or MOVE

ADDRESS	CONTRACTOR	PERMIT #		VALUE
2500 S DOUGLAS BLVD	M & M WRECKING	20	1084	\$3,000.00

REPLACE EXISTING ROOF

ADDRESS	CONTRACTOR	PERMIT #		VALUE
11412 QUEENSLAND CT	PARKER BROTHERS (ESCROW)	20	1221	\$15,700.00
11635 ELMHURST DR	SH VAUGHN CONSTRUCTION	20	1167	\$6,000.00
132 W ROSE DR	PARKER BROTHERS (ESCROW)	20	1242	\$14,000.00
1628 WALTZ WAY	MARC JONES CONSTRUCTION LLC	20	1175	\$10,270.00
2344 APPLE WAY	J & M ROOFING & SUPPLY CO	20	1239	\$7,000.00
3717 ROLLING LANE CIR	TRIPLE DIAMOND CONSTR	20	1255	\$11,000.00
410 N MARSHALL DR	ELKINS BILL M & EVELYN D	20	1157	\$3,000.00
600 E JONES PL	SH VAUGHN CONSTRUCTION	20	1194	\$7,000.00
916 WILLOW BROOK DR	ECLIPSE ROOFING & CONSTRUCTION	20	1165	\$8,000.00
942 TRAVIS CT	PARKER BROTHERS (ESCROW)	20	1171	\$15,800.00

BUSINESS CERTIFICATE OF OCCUPANCY/CHANGE OF OWNERSHIP**Jul-2020**

ADDRESS	NAME OF BUSINESS	APPLICANT	PERMIT #	
1100 S AIR DEPOT BLVD 5	FUSION KITCHEN	NAWATHA MEKALA	20	1195
1121 S DOUGLAS BLVD A-C	BLUE SPRIG PEDIATRICS INC	KARINE SEMPLE	20	1170
1435 N KEY BLVD	GLITTER NAIL	HONG TRAN	20	1351
2150 S DOUGLAS BLVD F	MCGRAW REALTORS	SUSAN WALKER	20	1329
2801 S DOUGLAS BLVD 108	BROOKS CLINIC STE 108-104	RODNEY MILLER	20	1326
2839 S DOUGLAS BLVD 109	JAZZERCISE	KELLY SMITHEE	20	1299
351 N AIR DEPOT BLVD Q	THE DANCE DEPARTMENT CO	SHELBY MCCLURE	20	1198
6825 SE 29TH ST	BILLY SIMS BURGER	JEFF JACKSON	20	1234
6912 E RENO AVE 101	COLOR KUTURE SALON	JULIA POLLARD	20	1251
7201 SE 29TH ST SUITE 209	BLAZE PIZZA	JIM SHAW	20	1233
7901 NE 10TH ST C110	GLO GIRL ESTHETICS	SHITAVIA SKANES	20	1339
7901 NE 10TH ST C215	F.A.S.T PRODUCTIONS	JUSTIN CHRISTIE	20	1347
8937 NE 10TH ST	CHEF PRINCE CATERING	PRINCE MASON	20	1318
9903 SE 15TH ST C	KAYLA'S NAILS	CAM NGUYEN	20	1304

INDUSTRIAL & COMMERCIAL BUILDINGS NEW**Jul-2020**

ADDRESS	DESCRIPTION	EST. COST	CONTRACTOR OR OWNER	PERMIT #
---------	-------------	-----------	---------------------	----------

REPAIR/ REMODEL/ADD ON

ADDRESS	DESCRIPTION	EST. COST	CONTRACTOR OR OWNER	PERMIT #
---------	-------------	-----------	---------------------	----------

2300 S AIR DEPOT BLVD	ADDING A DRIVE THROUGH	\$10,000.00	PRESTON SULLIVAN	20	867
7901 NE 10TH ST	COMM REMODEL OF EXISTING SUITES	\$800,000.00	BAXTER, SHAWN	19	1460

TENANT FINISH OR WHITE BOX

ADDRESS	DESCRIPTION	EST. COST	CONTRACTOR OR OWNER	PERMIT #
---------	-------------	-----------	---------------------	----------

5914 SE 15TH ST	SMOOTHIE KING 1ST TF	\$175,000.00	L + P ARCHITECTURE	20	1279
-----------------	----------------------	--------------	--------------------	----	------

DEMOLITION

ADDRESS	VALUE
---------	-------

REPLACE EXISTING ROOF

ADDRESS	VALUE	CONTRACTOR	PERMIT #
---------	-------	------------	----------

PUBLIC & SEMI PUBLIC BUILDINGS

Jul-2020

NEW

NEW	ADDRESS	DESCRIPTION	CONTRACTOR OR OWNER	EST. COST	PERMIT #
	6104 TINKER DIAG	I-40 MONUMENT	JIM COOLEY CONSTRUCTION	\$408,540.00	20 1294

SEMI PUBLI BUILDING

REMODEL/ADD ON

REPAIR/ REMODEL	ADDRESS	DESCRIPTION	CONTRACTOR OR OWNER	EST. COST	PERMIT #
----------------------------	----------------	--------------------	----------------------------	------------------	-----------------

REPLACE EXISTING ROOF

ADDRESS	DESCRIPTION	VALUE	CONTRACTOR	PERMIT #
----------------	--------------------	--------------	-------------------	-----------------

LOCATION / DESCRIPTION OF APPLICATION

NAME OF APPLICANT OR OWNER PC# or BA#

Redistrict from R-6, Single Family Residential to R-HD, High Density Residential, for the property described as a part of the SW/4 of Section 12, T-11-N, R-2-W, located at 2500 South Douglas Blvd	Jon Doyle	PC-2045
Redistricting from Planned Unit Development (PUD) to Amended Planned Unit Development (PUD), for the property described as a part of the Lots 7-10 of the Thomas Acres Addition addressed as 9070 NE 13 th Street.	Adam Stephens	PC-2046
Preliminary plat of Freedom Villas, described as a part of the SE/4 of Section 35, T12N, R2W, located at 8712 E. Main Street.	Mark Grubbs	PC-2047
Amending Appendix A, Zoning Regulations, of the Midwest City Code; by amending Section 4.5.2, Light Industrial: Restricted; Section 4.9.2, Use Chart and providing for repealer and severability and setting an effective date.	CITY	PC-2048

STORM WATER QUALITY PERMITS

Jul-2020

DATE	LOCATION / DESCRIPTION	NAME OF CONTRACTOR OR OWNER	PERMIT #
------	------------------------	--------------------------------	----------

LAND DISTURBANCE PERMIT

DATE	LOCATION / DESCRIPTION	NAME OF CONTRACTOR OR OWNER	PERMIT #
------	------------------------	--------------------------------	----------

TOTAL RESIDENTIAL PERMITS 2018

<u>MONTH</u>	<u>NO</u>	<u>ESTIMATED COST</u>
JANUARY	7	\$ 1,477,000.00
FEBRUARY	5	\$ 652,000.00
MARCH	23	\$3,441,025.00
APRIL	26	\$ 1,909,858.00
MAY	32	\$ 3,858,300.00
JUNE	30	\$ 4,186,100.00
JULY	7	\$ 709,400.00
AUGUST	12	\$ 1,847,800.00
SEPTEMBER	16	\$ 2,785,440.00
OCTOBER	8	\$ 1,018,500.00
NOVEMBER	10	\$ 1,200,000.00
DECEMBER	19	\$ 3,328,100.00
TOTAL	195	\$ 26,413,523.00

14 RESD \$1,851,250.00
11- 6 PLEX W/ Common \$58,608.00

TOTAL RESIDENTIAL PERMITS 2019

<u>MONTH</u>	<u>NO</u>	<u>ESTIMATED COST</u>
JANUARY	2	\$ 235,000.00
FEBRUARY	11	\$ 1,911,500.00
MARCH	16	\$ 2,472,200.00
APRIL	22	\$ 3,225,000.00
MAY	12	\$ 1,678,500.00
JUNE	25	\$ 3,070,400.00
JULY	13	\$ 1,838,200.00
AUGUST	12	\$ 2,189,900.00
SEPTEMBER	7	\$ 1,236,857.00
OCTOBER	15	\$ 1,809,000.00
NOVEMBER	4	\$ 490,500.00
DECEMBER	12	\$ 1,831,500.00
TOTAL	151	\$ 21,988,557.00

11 Single Family Homes \$1,678,500.00
1 RSC Student Housing \$4,247,440.00

TOTAL RESIDENTIAL PERMITS 2020

<u>MONTH</u>	<u>NO</u>	<u>ESTIMATED COST</u>
JANUARY	12	\$ 1,684,000.00
FEBRUARY	7	\$ 3,268,500.00
MARCH	15	\$ 2,158,000.00
APRIL	12	\$ 2,339,000.00
MAY	9	\$ 1,296,750.00
JUNE	15	\$ 2,361,482.00
JULY	16	\$ 2,399,938.00

TOTAL COMMERCIAL PERMIT-2018 NEW/ADD ON/TF

MONTH	NO	ESTIMATED COST
JANUARY	3	\$ 4,210,600.00
FEBRUARY	3	\$ 21,170,300.00
MARCH	1	\$ 35,000.00
APRIL	2	\$ 115,000.00
MAY	1	\$ 475,000.00
JUNE	0	\$ -
JULY	2	\$ 2,500,000.00
AUGUST	1	\$ 1,699,000.00
SEPTEMBER	6	\$ 4,075,000.00
OCTOBER	0	
OCTOBER	5	\$ 18,775,000.00 comm
NOVEMBER	3	\$ 682,500.00 school
NOVEMBER		\$ 11,615,772.00 COMM
DECEMBER	0	
DECEMBER	0	
TOTAL	27	\$ 65,353,172.00

TOTAL COMMERCIAL PERMIT-2019 NEW/ADD ON/TF

MONTH	NO	ESTIMATED COST
JANUARY	6	\$ 2,505,000.00 Comm
JANUARY	1	\$ 1,540,000.00 Church
FEBRUARY	2	\$ 3,025,000.00
FEBRUARY	0	
MARCH	4	\$ 1,863,500.00
APRIL	0	
MAY	0	
JUNE	2	\$ 115,000.00
JULY	2	\$ 467,000.00
AUGUST	2	\$ 1,540,000.00 add/new 3 1+ 2 were rptd on shell
AUGUST	3	\$ 20,000.00
SEPTEMBER	1	\$ 500,000.00
OCTOBER	3	\$ 635,000.00
NOVEMBER	0	
DECEMBER	1	\$ 2,400,000.00 Animal Services
TOTAL	27	\$ 14,610,500.00

TOTAL COMMERCIAL PERMIT-2020 NEW/ADD ON/TF

MONTH	NO	ESTIMATED COST
JANUARY	2	\$ 2,425,000.00
FEBRUARY	0	-
MARCH	1	\$ 250,000.00
APRIL	0	
MAY	0	
JUNE	2	\$ 2,540,000.00
JUNE	-	
JULY	1	\$ 175,000.00

TOTAL COMMERCIAL PERMIT-2018 REMODEL/REPAIR

MONTH	NO	ESTIMATED COST
JANUARY	1	\$ 180,000.00
FEBRUARY	3	\$ 230,000.00
MARCH	7	\$ 422,200.00
APRIL	3	\$ 618,391.00
MAY	2	\$ 49,615.00
JUNE	5	\$ 196,500.00
JULY	5	\$ 1,042,452.00
AUGUST	5	\$ 267,000.00
SEPTEMBER	4	\$ 151,200.00
OCTOBER	6	\$ 481,000.00 comm
OCTOBER	2	\$ 820,000.00 school
NOVEMBER	4	\$ 123,382.00 COMM
NOVEMBER	3	\$ 746,455.00 SCHOOL
DECEMBER	2	\$ 6,800.00 COMM
DECEMBER	1	\$ 40,000.00 SCHOOL
TOTAL	53	\$ 5,374,995.00

TOTAL COMMERCIAL PERMIT-2019 REMODEL/REPAIR

MONTH	NO	ESTIMATED COST
JANUARY	4	\$292,000.00 Comm
JANUARY	1	\$3,000,000.00 School
FEBRUARY	8	\$22,365.00
FEBRUARY	1	\$45,000.00 SCHOOL
MARCH	3	\$6,300.00
APRIL	6	\$359,383.00
MAY	6	\$755,500.00
JUNE	4	\$1,025,000.00
JULY	4	\$563,150.00
AUGUST	2	\$163,000.00
AUGUST	1	\$4,700,000.00 School
SEPTEMBER	3	\$59,000.00
OCTOBER	5	\$1,049,900.00
NOVEMBER	3	\$16,050.00
DECEMBER	5	\$84,100.00
TOTAL	56	\$12,140,748.00

TOTAL COMMERCIAL PERMIT-2020 REMODEL/REPAIR

MONTH	NO	ESTIMATED COST
JANUARY	10	\$439,000.00
FEBRUARY	6	\$2,576,671.00
MARCH	4	\$1,111,406.00
APRIL	3	\$118,000.00
MAY	4	\$778,500.00
JUNE	4	\$684,500.00
JUNE	1	\$131,000.00 LIBRARY
JULY	2	\$810,000.00

Jul-2020

BUILDING INSPECTIONS	CURRENT MONTH	YEAR TO DATE
NUMBER OF BUILDING FINAL INSPECTIONS:	17	153
NUMBER OF BUILDING C/O INSPECTIONS RESIDENTIAL:	16	78
NUMBER OF BUILDING C/O INSPECTIONS COMMERCIAL:	20	101
NUMBER OF MISC BUILDING INSPECTIONS:	5	26
NUMBER OF ENGINEERING SITE INSPECTIONS:	12	80
NUMBER OF STORM SHELTER INSPECTIONS:	7	51
NUMBER OF CITATIONS ISSUED:		
NUMBER OF NOTICE AND ORDERS ISSUED:		
NUMBER OF WARNINGS ISSUED:		
NUMBER OF POSTING/PLACARD:	1	5
NUMBER OF PENALTIES:	28	194
TOTAL NUMBER OF INSPECTIONS: all inspectors	783	4,893



MUNICIPAL AUTHORITY AGENDA

City Hall - Midwest City Council Chambers, 100 N. Midwest Boulevard

August 25, 2020 – 6:01 PM

- A. **CALL TO ORDER.**
- B. **CONSENT AGENDA.** These items are placed on the Consent Agenda so that Trustees, by unanimous consent, can approve routine agenda items by one motion. If any item proposed does not meet with approval of all Trustees, or members of the audience wish to discuss an item, it will be removed and heard in regular order.
 - 1. Discussion and consideration to approve the minutes of the August 11, 2020 regular meeting, as submitted. (Secretary - S. Hancock)
 - 2. Discussion and consideration of accepting the report on the current financial condition of the Sheraton Midwest City Hotel at the Reed Center for the period ending July 31, 2020. (City Manager - T. Lyon)
- C. **NEW BUSINESS/PUBLIC DISCUSSION.** The purpose of the "Public Discussion Section" of the Agenda is for members of the public to speak to the Authority on any Subject not scheduled on the Regular Agenda. The Authority shall make no decision or take any action, except to direct the City Manager to take action, or to schedule the matter for discussion at a later date. Pursuant to the Oklahoma Open Meeting Act, the Authority will not engage in any discussion on the matter until that matter has been placed on an agenda for discussion. **THOSE ADDRESSING THE AUTHORITY ARE REQUESTED TO STATE THEIR NAME AND ADDRESS PRIOR TO SPEAKING TO THE AUTHORITY.**
- D. **ADJOURNMENT.**



CONSENT AGENDA



Notice for the Midwest City Municipal Authority meetings was filed for the calendar year with the City Clerk of Midwest City. Public notice of this agenda was accessible at least 24 hours before this meeting at City Hall and on the Midwest City website (www.midwestcityok.org).

Midwest City Municipal Authority Minutes

August 11, 2020

This meeting was held in Midwest City Council Chambers at City Hall, 100 N. Midwest Boulevard, Midwest City, County of Oklahoma, State of Oklahoma. Chairman Matt Dukes called the meeting to order at 6:29 PM with the following members present: Trustees Susan Eads, Pat Byrne, Española Bowen, Sean Reed, Christine Allen, Rick Favors and Secretary Sara Hancock, City Attorney Heather Poole, and City Manager Tim Lyon.

CONSENT AGENDA. Allen made a motion to approve the consent agenda, as submitted, seconded by Eads. Voting Aye: Byrne, Eads, Bowen, Reed, Allen, Favors and Chairman Dukes. Nay: None. Motion carried.

1. Discussion and consideration to approve the minutes of the July 28, 2020 regular meeting, as submitted.
2. Discussion and consideration of supplemental budget adjustments to the following funds for FY 2020-2021, increase: Capital Drainage Improvements Fund, expenses/Drainage Improvements (72) \$4,815. Stormwater Fund, expenses/Stormwater (061) \$4,930. Utility Services Fund, expenses/Utility Services (50) \$15,923. Sanitation Fund, expenses/Sanitation (41) \$6,390. Water Fund, expenses/Water (42) \$22,703. Wastewater Fund, expenses/Wastewater (43) \$26,836. Hotel/Conf. Center Ops Fund, expenses/Hotel/Conf Center (40) \$334. Golf Fund, expenses/John Conrad Regional Golf (47) \$3,202; expenses/Hidden Creek (48) \$632. FF&E Reserve Fund, expenses/Hotel/Conf Center (40) \$44,989. Hotel/Conf. Center Ops Fund, expenses (40) \$70,256.
3. Discussion and consideration of rejecting the bid submitted for the Boiler Burner Replacement.
4. Discussion and consideration of entering into a contract with Municipal H2O for professional services in the amount of \$28,500.00.

NEW BUSINESS/PUBLIC DISCUSSION. There was no new business or public discussion.

ADJOURNMENT.

There being no further business, Chairman Dukes adjourned the meeting at 6:30 pm.

ATTEST:

MATTHEW D. DUKES II, Chairman

SARA HANCOCK, Secretary



THE CITY OF
MIDWEST CITY

MEMORANDUM

TO: Honorable Chairman and Trustees
Midwest City Municipal Authority

FROM: Tim Lyon, City Manager

DATE: August 25, 2020

RE: Discussion and consideration of accepting the report on the current financial condition of the Sheraton Midwest City Hotel at the Reed Center for the period ending July 31, 2020.

This item is on the agenda at the request of the Authority. Attached to this memorandum is information concerning the status of the Sheraton Midwest City Hotel at the Reed Center.

Any time you have a question concerning the conference center and hotel, please feel free to contact me at 739-1201.

Tim L. Lyon

Tim Lyon
City Manager

Attachment (1)

SHERATON MIDWEST CITY HOTEL AT THE REED CENTER

Fiscal Year 2020-2021	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21
Revenue												
Budgeted (MTD)	343,261											
Actual (MTD)	209,220											
Budgeted (YTD)	343,261											
Actual (YTD)	209,220											
Expenses												
Budgeted (MTD)	402,630											
Actual (MTD)	206,494											
Budgeted (YTD)	402,630											
Actual (YTD)	206,494											
Revenue vs. Expenses												
Budgeted (MTD)	(59,369)											
Actual (MTD)	2,726											
Budgeted (YTD)	(59,369)											
Actual (YTD)	2,726											
Key Indicators												
Hotel Room Revenue	168,157											
Food and Banquet Revenue	35,006											

Fiscal Year 2019-2020	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20
Revenue												
Budgeted (MTD)	372,710	481,117	410,780	576,778	455,277	300,346	214,831	385,403	579,251	504,981	450,566	500,520
Actual (MTD)	299,162	477,929	466,117	476,300	456,684	291,649	223,347	367,534	351,603	23,119	85,751	163,728
Budgeted (YTD)	372,710	853,827	1,264,677	1,841,348	2,296,625	2,596,971	2,811,802	3,197,205	3,776,456	4,281,437	4,732,003	5,232,523
Actual (YTD)	299,162	777,091	1,243,207	1,719,507	2,176,191	2,467,840	2,691,187	3,058,721	3,410,324	3,433,443	3,519,194	3,682,922
Expenses												
Budgeted (MTD)	389,068	464,352	422,790	486,888	449,400	360,787	341,646	383,600	513,820	454,826	426,083	459,919
Actual (MTD)	386,683	443,824	431,992	432,531	395,742	366,076	320,630	361,002	320,485	112,894	115,303	168,448
Budgeted (YTD)	389,068	853,420	1,276,210	1,786,169	2,235,569	2,596,356	2,938,002	3,321,602	3,835,422	4,290,248	4,716,331	5,176,250
Actual (YTD)	386,683	830,507	1,262,499	1,714,217	2,109,959	2,476,035	2,796,665	3,157,667	3,478,152	3,591,046	3,706,350	3,874,797
Revenue vs. Expenses												
Budgeted (MTD)	(16,358)	16,765	(12,040)	66,812	5,877	(60,441)	(126,815)	1,803	65,431	50,155	24,483	40,601
Actual (MTD)	(87,521)	34,105	34,125	24,582	60,941	(74,426)	(97,283)	6,532	31,118	(89,775)	(29,552)	(4,719)
Budgeted (YTD)	(16,358)	407	(11,633)	55,179	61,056	615	(126,200)	(124,397)	(58,966)	(8,811)	15,672	56,273
Actual (YTD)	(87,521)	(53,416)	(19,291)	5,290	66,232	(8,195)	(105,478)	(98,946)	(67,828)	(157,603)	(187,155)	(191,875)



NEW BUSINESS/
PUBLIC DISCUSSION





MEMORIAL HOSPITAL AUTHORITY AGENDA

City Hall - Midwest City Council Chambers, 100 N. Midwest Boulevard

August 25, 2020 – 6:02 PM

- A. **CALL TO ORDER.**
- B. **DISCUSSION ITEMS.**
 - 1. Discussion and consideration to approve the minutes of the August 11, 2020 regular meeting, as submitted. (Secretary - S. Hancock)
 - 2. Discussion and consideration of approving a Resolution authorizing and approving a Joint Resolution with the Midwest City Chamber of Commerce, Trustor of the Authority, amending the Trust Indenture of the Authority to allow for grants to be awarded for the use of technology which may have an expected useful life of less than twenty (20) years. (City Attorney - H. Poole)
 - 3. Discussion and consideration of action to reallocate assets, change fund managers or make changes in the Statement of Investment Policy, Guidelines and Objectives. (Finance - C. Barron)
- C. **NEW BUSINESS/PUBLIC DISCUSSION.** The purpose of the "Public Discussion Section" of the Agenda is for members of the public to speak to the Authority on any Subject not scheduled on the Regular Agenda. The Authority shall make no decision or take any action, except to direct the City Manager to take action, or to schedule the matter for discussion at a later date. Pursuant to the Oklahoma Open Meeting Act, the Authority will not engage in any discussion on the matter until that matter has been placed on an agenda for discussion. THOSE ADDRESSING THE AUTHORITY ARE REQUESTED TO STATE THEIR NAME AND ADDRESS PRIOR TO SPEAKING TO THE AUTHORITY.
- D. **EXECUTIVE SESSION.**
 - 1. Discussion and consideration of entering into executive session as allowed under 25 O.S., § 307(B)(4) to discuss pending claims or actions where public body, at the advice of its attorney, determines that disclosure will seriously impair the ability of the public body to process the claims or conduct pending litigation or proceedings in the public interest. (City Manager - T. Lyon)
- E. **ADJOURNMENT.**



DISCUSSION ITEMS



Notice for the Midwest Memorial Hospital Authority meetings was filed for the calendar year with the City Clerk of Midwest City. Public notice of this agenda was accessible at least 24 hours before this meeting at City Hall and on the Midwest City website (www.midwestcityokorg).

Midwest City Memorial Hospital Authority Minutes

August 11, 2020

This meeting was held in the Midwest City Chambers at City Hall, 100 N Midwest Blvd, Midwest City, County of Oklahoma, State of Oklahoma. Chairman Matt Dukes called the meeting to order at 6:30 PM with following members present: Trustees Susan Eads, Pat Byrne, Española Bowen, Sean Reed, Christine Allen, Rick Favors with Secretary Sara Hancock, City Attorney Heather Poole, and City Manager Tim Lyon.

CONSENT AGENDA. Eads made a motion to approve the consent agenda, as submitted, seconded by Byrne. Voting Aye: Byrne, Eads, Bowen, Reed, Allen, Favors, and Mayor Dukes. Nay: None. Motion carried.

1. Discussion and consideration to approve the minutes of the July 28, 2020 regular meeting, as submitted.
2. Discussion and consideration of supplemental budget adjustments to the following fund for FY 2020-2021, increase: Hospital Authority Fund, expenses/Hospital Authority (90) \$2,388.

NEW BUSINESS/PUBLIC DISCUSSION. There was no new business or public discussion.

ADJOURNMENT.

There being no further business, Chairman Dukes adjourned the meeting at 6:31 PM.

ATTEST:

MATTHEW D. DUKES II, Chairman

SARA HANCOCK, Secretary



City Attorney

100 N. Midwest Boulevard
Midwest City, OK 73110
hpoole@midwestcityok.org
Office: 405.739.1203
www.midwestcityok.org

TO: Chair and Trustees

FROM: Heather Poole, City Attorney

Date: August 25, 2020

Subject: Discussion and consideration of approving a Resolution authorizing and approving a Joint Resolution with the Midwest City Chamber of Commerce, Trustor of the Authority, amending the Trust Indenture of the Authority to allow for grants to be awarded for the use of technology which may have an expected useful life of less than twenty (20) years.

At the request of the Board of Grantors research was done on how to address the increasing requests for grants from community groups for technology items that did not have an expected usefulness of twenty years or more. The original trust indenture was set up in 1961 and amended again in 1998. It was also amended in 2018 but those amendments related to economic development issues not grants. Since then the needs and requests of many of the community groups applying for grant funds have included items that are related to technology (software, hardware, accessories) that do not meet the requirement that grants be for items that “have an expected useful life of greater than twenty (20) years.” The attached amendment to the Midwest City Memorial Hospital Authority Trust Indenture would address the Board of Grantors’ concern that these vital needs could not be addressed due to the limitations put in place in the 1960s and 1980s.

Respectfully,

Heather Poole

Heather Poole, City Attorney

THIRD AMENDMENT TO
AMENDED AND RESTATED TRUST INDENTURE OF THE
MIDWEST CITY MEMORIAL HOSPITAL AUTHORITY

WHEREAS, on April 8th, 1998, that certain "Amended and Restated Trust Indenture" (hereinafter, the "Amended Trust Indenture") of the Midwest City Memorial Hospital Authority (hereinafter, the "Authority") was adopted amending the original Trust Indenture of the Authority dated July 1st, 1961, for the use and benefit of the City of Midwest City, Oklahoma (the "Beneficiary"), which was subsequently amended by the First Amendment to Amended and Restated Trust Indenture of the Midwest City Memorial Hospital Authority in April, 2017 ("2017 Amendment") and Second Amendment in October, 2018 ("2018 Amendment") (collectively, as amended, the "Indenture"); and

WHEREAS, the 2018 Amendment Paragraph 2(b) of Article III of the Amended Trust Indenture regarding the purposed of the Authority, which now reads in part as follows:

(b) Grants for the acquisition of, improvement to or enhancement of property shall be limited to properties or improvements or enhancements to properties that have an expected useful life of greater than twenty (20) years.

WHEREAS, based in part on the foregoing language of Paragraph 2(b) of Article III of the Indenture, the City Council of the Beneficiary and the Trustees of the Authority now desire to amend said Amended Trust Indenture to clarify the purposes of the Trust, specifically for what purposes the Trust funds may be awarded; and,

WHEREAS, the Trustees of the Authority and the City Council of the Beneficiary, with the consent of the Trustor, the Midwest City Chamber of Commerce ("Trustor"), are all of the parties necessary to amend the Indenture and are therefore authorized to so do.

NOW, THEREFORE, BE IT RESOLVED, that pursuant to the authority of the Trustees of the Authority and the City Council of the Beneficiary, and with the consent of the Trustor, the Midwest City Chamber of Commerce, the Indenture is hereby amended, as follows:

SECTION I. Paragraph 2 (b) of Article III of said Amended Trust Indenture is hereby amended, to read as follows:

(b) Grants for the acquisition of, improvement to or enhancement of property shall be awarded with preference to be given to those properties or improvements or enhancements to properties that have an expected useful life of greater than twenty (20) years but requests can be considered that include requests for property items that include technology for computers or other software dependent property items, implements for training, or other property items that will aid the Beneficiaries identified in Article III, (1) (a).

APPROVED FOR AND ON BEHALF OF THE TRUSTEES OF THE MIDWEST CITY MEMORIAL HOSPITAL AUTHORITY, as authorized by Resolution No. _____ approved by the Authority on August 25, 2020.

“Authority”

Date_____

MIDWEST CITY MEMORIAL
HOSPITAL AUTHORITY

MATTHEW D. DUKES, Chair

ATTEST: (SEAL)

SARA HANCOCK, Secretary

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Chair and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Chair of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

CONSENT OF TRUSTOR

“Trustor”

MIDWEST CITY CHAMBER OF
COMMERCE

Date _____

Name_____
Title

ATTEST: (SEAL)

Secretary

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this _____ day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Trustor and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Trustor of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

Trustee Number 2

Date

Trustee Name, SUSAN EADS, Ward 1

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Trustee and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Trustee of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

Trustee Number 3

Date

Trustee Name, PAT BYRNE, Ward 2

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Trustee and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Trustee of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

Trustee Number 4

Date

Trustee Name, ESPANIOLA BOWEN, Ward 3

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Trustee and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Trustee of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

Trustee Number 5

Date

Trustee Name, SEAN REED, Ward 4

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of
_____, 2020, personally appeared , to me
known to be the identical person who executed the within and foregoing instrument as Trustee
and acknowledged to me that he/she executed the same as his/her individual free and voluntary
act and deed and as Trustee of the Midwest City Municipal Memorial Hospital Authority for the
uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

Trustee Number 6

Date

Trustee Name, CHRISTINE PRICE ALLEN, Ward 5

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Trustee and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Trustee of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

Trustee Number 7

Date

Trustee Name, RICK FAVORS, Ward 6

Acknowledgment:

STATE OF OKLAHOMA)
)ss:
COUNTY OF OKLAHOMA)

Before me, the undersigned, a Notary Public, in and for said County and State, on this day of _____, 2020, personally appeared _____, to me known to be the identical person who executed the within and foregoing instrument as Trustee and acknowledged to me that he/she executed the same as his/her individual free and voluntary act and deed and as Trustee of the Midwest City Municipal Memorial Hospital Authority for the uses and purposes therein set forth.

Given under my hand and seal the day and year last above written.

Notary Public

My Commission Expires:

Commission Number:

JOINT RESOLUTION

OF

THE TRUSTEES OF THE MIDWEST CITY MEMORIAL HOSPITAL AUTHORITY
(" AUTHORITY "), THE CITY COUNCIL OF THE CITY OF MIDWEST CITY,
OKLAHOMA, BENEFICIARY OF THE AUTHORITY, AND THE MIDWEST CITY
CHAMBER OF COMMERCE, TRUSTOR OF THE AUTHORITY

APPROVING

THIRD AMENDMENT TO
AMENDED AND RESTATED TRUST INDENTURE OF THE MIDWEST CITY
MEMORIAL HOSPITAL AUTHORITY

WHEREAS, on April 8th, 1998, that certain Amended and Restated Trust Indenture ("Amended Trust Indenture") of the Midwest City Memorial Hospital Authority ("Authority") was adopted amending the original Trust Indenture of the Authority dated July 1st, 1961, for the use and benefit of the City of Midwest City, Oklahoma ("Beneficiary"), which was subsequently amended by the First Amendment to Amended and Restated Trust Indenture of the Midwest City Memorial Hospital Authority on April, 2017 ("2017 Amendment") (collectively, as amended, the "Indenture"); and amended again by the Second Amendment to the Amended and Restated Trust Indenture of the Midwest City Memorial Hospital Authority on October 9, 2018.

WHEREAS, the 2018 Amendment Paragraph 2(b) of Article III of the Amended Trust Indenture regarding the purposed of the Authority, which now reads in part as follows:

(b) Grants for the acquisition of, improvement to or enhancement of property shall be limited to properties or improvements or enhancements to properties that have an expected useful life of greater than twenty (20) years.

WHEREAS, based in part on the foregoing language of Paragraph 2(b) of Article III of the Indenture, the City Council of the Beneficiary and the Trustees of the Authority now desire to amend said Amended Trust Indenture to clarify the purposes of the Trust, specifically for what purposes the Trust funds may be awarded; and,

WHEREAS, the Trustees of the Authority and the City Council of the Beneficiary, with the consent of the Trustor, the Midwest City Chamber of Commerce ("Trustor"), are all of the parties necessary to amend the Indenture and are therefore authorized to so do.

NOW, THEREFORE, BE IT RESOLVED, that pursuant to the authority of the Trustees of the Authority and the City Council of the Beneficiary, and with the consent of the Trustor, the Midwest City Chamber of Commerce, the Indenture is hereby amended, as follows:

SECTION I. Paragraph 2 (b) of Article III of said Amended Trust Indenture is hereby amended, to read as follows, with new language underscored:

(b) Grants for the acquisition of, improvement to or enhancement of property shall be awarded with preference to be given to those properties or improvements or enhancements to properties that have an expected useful life of greater than twenty (20) years but requests can be considered that include requests for property items that include technology for computers or other software dependent property items, implements for training, or other property items that will aid the Beneficiaries identified in Article III, (1) (a).

THE UNDERSIGNED AUTHORITY, BENEFICIARY AND TRUSTOR AGREE TO ALL CONTAINED HEREIN.

APPROVED FOR AND ON BEHALF OF THE TRUSTEES OF THE MIDWEST CITY MEMORIAL HOSPITAL AUTHORITY, as authorized by Resolution No. _____ approved by the Authority on August 25, 2020.

Date_____

ATTEST: (SEAL)

SARA HANCOCK, Secretary

Date_____

ATTEST:

SARA HANCOCK, City Clerk

“Authority”

TRUSTEES OF THE MIDWEST CITY
MEMORIAL HOSPITAL AUTHORITY

MATTHEW D. DUKES, Chair

"Beneficiary"

CITY COUNCIL OF THE CITY OF
MIDWEST CITY, OKLAHOMA

MATTHEW D. DUKES II, MAYOR

Date_____

"Trustor"

MIDWEST CITY CHAMBER OF
COMMERCE

Name Title

ATTEST: (SEAL)

Secretary



Midwest City Memorial Hospital Authority
100 North Midwest Boulevard
Midwest City, Oklahoma 73110
Office (405) 739-1207/Fax (405) 739-1208
www.midwestcityok.org

MEMORANDUM

To: Honorable Chairman and Trustees

From: Christy Barron, Finance Director

Date: August 25, 2020

Subject: Discussion and consideration of action to reallocate assets, change fund managers or make changes in the Statement of Investment Policy, Guidelines and Objectives.

Jim Garrels, President, Fiduciary Capital Advisors, asked staff to put this item on each agenda in the event the Hospital Authority's investments need to be reallocated, an investment fund manager needs to be changed or changes need to be made to the Statement of Investment Policy on short notice.

Action is at the discretion of the Authority.

Christy Barron
Finance Director



NEW BUSINESS/
PUBLIC DISCUSSION





EXECUTIVE SESSION





City Manager

100 N. Midwest Blvd.
Midwest City, OK 73110
tlyon@midwestcityok.org
Office: 405-739-1201
www.midwestcityok.org

MEMORANDUM

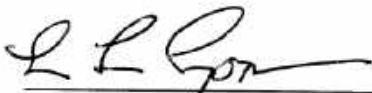
TO: Honorable Chairman and Trustees of the Memorial Hospital Authority

FROM: Tim Lyon, City Manager

DATE: August 25, 2020

SUBJECT: Discussion and consideration of entering into executive session as allowed under 25 O.S. § 307(B)(4) to discuss pending claims or actions where public body, at the advice of its attorney, determines that disclosure will seriously impair the ability of the public body to process the claims or conduct pending litigation or proceedings in the public interest.

Appropriate information will be provided during the executive session.



Tim Lyon, City Manager