CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: November 12, 2018

ITEM:

Public Hearing (5:35 p.m.)
Valley West Drive & Westown Parkway Storm Sewer Improvements

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $514,225.00 for the Valley West Drive & Westown Parkway Storm Sewer Improvements. There were four (4) bids submitted with the low bid of $508,508.00 being submitted by J & K Contracting, LLC of Urbandale, Iowa. Payments will be made from account no. 660.000.000.5250.490 with the ultimate funding intended to come from Stormwater Utility Fees.

BACKGROUND:

The project consists of Storm Sewer Improvements and necessary pavement reconstruction at the intersection of Valley West Drive & Westown Parkway to address historical localized flooding concerns at this location. Traffic flow will be maintained throughout construction with only one lane being closed in the northbound and southbound directions on Valley West Drive. The intersection is scheduled to be shut down for up to three nights to complete water main abandonment work in the middle of the intersection. Work on the project shall not commence until after March 1, 2019 so that Valley West Drive and Westown Parkway are not impacted during the Winter months and during heavier traffic times of the year. The project completion date was revised to September 15, 2019 per addendum.

This project was originally bid on May 23, 2018 with no bids being received. The project was re-bid this Fall with hopes of capturing more interest from contractors trying to secure work for 2019.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for the Valley West Drive & Westown Parkway Storm Sewer Improvements;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to J & K Contracting, LLC.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	November 2, 2018

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed	November 5, 2018		
Recommendation	Yes	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on October 15, 2018, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Valley West Drive & Westown Parkway Storm Sewer Improvements
Project No. 0510-070-2017

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements were published as required by law;

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **12th** day of **November, 2018.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

Valley West Drive & Westown Parkway Storm Sewer Improvements
Project No. 0510-070-2017

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council; and,

WHEREAS, the bid of J & K Contracting, LLC in the amount of $508,508.00 was the lowest responsible bid received for said public improvement;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the Valley West Drive & Westown Parkway Storm Sewer Improvements is hereby awarded to J & K Contracting, LLC in the amount of $508,508.00 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **12th** day of **November, 2018.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

SHIVEHATTERY

ARCHITECTURE + ENGINEERING

Client: City of West Des Moines

Project Name: Valley West Drive and Westown Parkway Storm Sewer Improvements

7-Nov-18

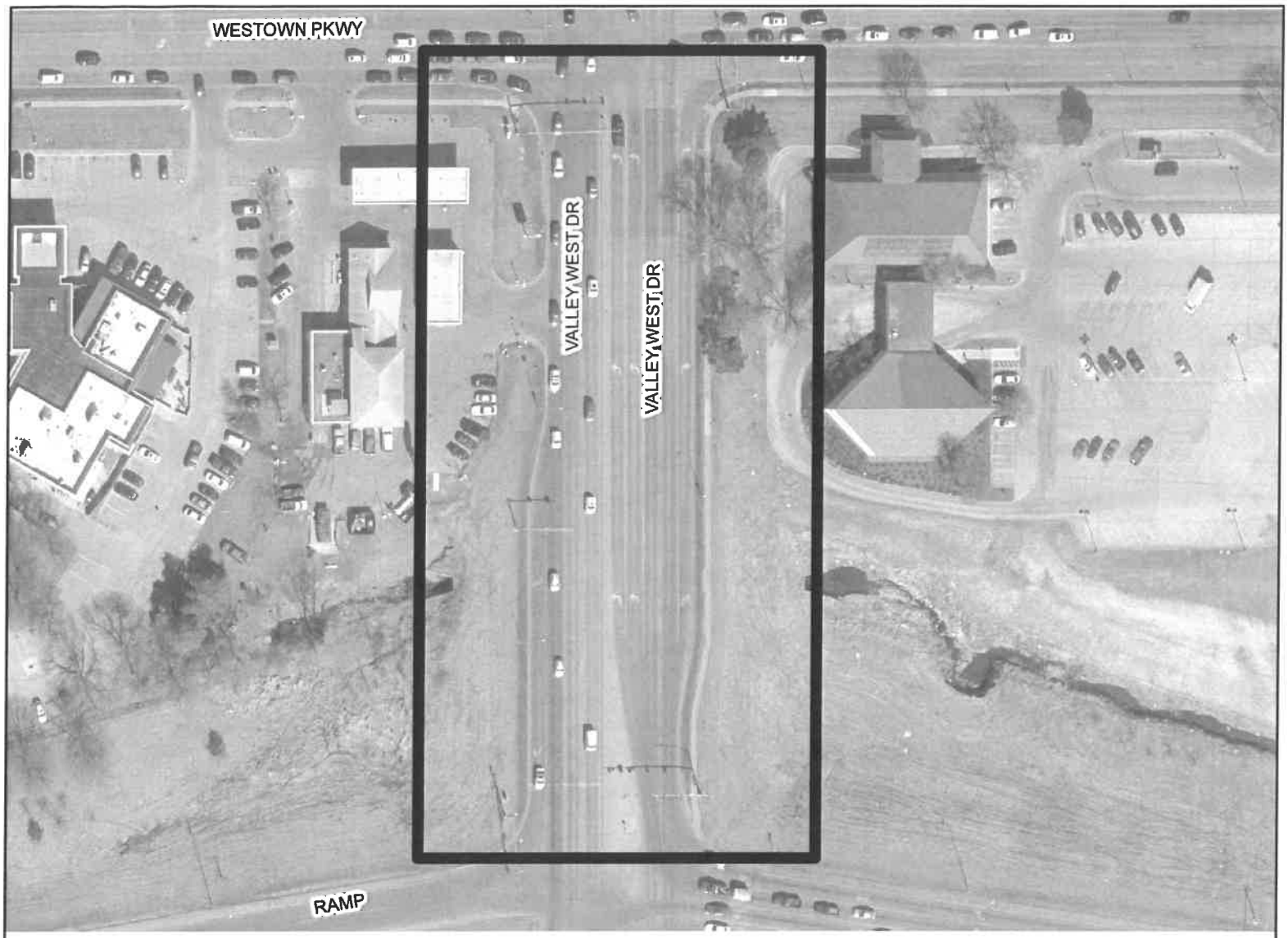
WDM Project No.: 0610-070-2017

SH Project No.: 4173870

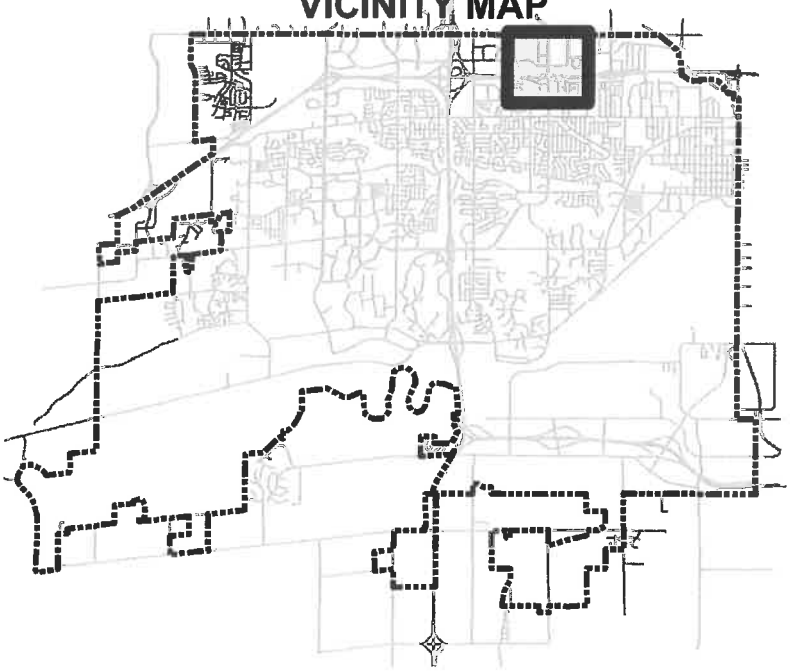
Item Number	Item Code	Description	Estimated Quantity	Units	Engineers Estimate		J & K Contracting		On Track Construction		Rognes Corp.		Vanderpool Construction	
		Bid Security					X		X		X		X	
		Bidder Status Form					X		X		X		X	
					Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
1	2010-C-1000	CLEARING AND GRUBBING	1	LS	$7,500.00	$7,500.00	$15,431.80	$15,431.80	$25,000.00	$25,000.00	$22,000.00	$22,000.00	$60,000.00	$60,000.00
2	2010-D-1000	TOPSOIL, ON-SITE	475	CY	$15.00	$7,125.00	$27.00	$12,825.00	$25.00	$11,875.00	$22.00	$10,450.00	$35.00	$16,625.00
3	2010-E-1000	EXCAVATION, CLASS 10	310	CY	$25.00	$7,750.00	$13.00	$4,030.00	$25.00	$7,750.00	$42.00	$13,020.00	$60.00	$18,600.00
4	2010-G-1000	SUBGRADE PREPARATION	1,095	SY	$4.00	$4,380.00	$15.00	$16,425.00	$5.00	$5,475.00	$6.00	$6,570.00	$15.00	$16,425.00
5	2010-I-1000	SUBBASE MODIFIED	1,095	SY	$40.00	$43,800.00	$20.00	$21,900.00	$18.00	$19,710.00	$17.00	$18,615.00	$25.00	$27,375.00
6	4020-A-1312	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 12 IN.	11	LF	$100.00	$1,100.00	$300.00	$3,300.00	$200.00	$2,200.00	$257.00	$2,827.00	$250.00	$2,750.00
7	4020-A-1315	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 15 IN.	11.00	LF	$100.00	$1,100.00	$250.00	$2,750.00	$205.00	$2,255.00	$260.00	$2,860.00	$255.00	$2,805.00
8	4020-A-1318	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 18 IN.	32.00	LF	$100.00	$3,200.00	$75.00	$2,400.00	$205.00	$6,560.00	$260.00	$8,320.00	$260.00	$8,320.00
9	4020-A-1324	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 24 IN.	106	LF	$115.00	$12,190.00	$80.00	$8,480.00	$175.00	$18,550.00	$260.00	$27,560.00	$275.00	$29,150.00
10	4020-A-1330	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 30 IN.	188	LF	$145.00	$27,260.00	$100.00	$18,800.00	$245.00	$46,060.00	$275.00	$51,700.00	$305.00	$57,340.00
11	4020-A-1336	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 36 IN.	317	LF	$180.00	$57,060.00	$125.00	$39,625.00	$285.00	$94,005.00	$295.00	$93,515.00	$315.00	$99,855.00
12	4020-A-1342	STORM SEWER GRAVITY MAIN, TRENCHED, RCP 2000D, 42 IN.	11	LF	$300.00	$3,300.00	$300.00	$3,300.00	$400.00	$4,400.00	$445.00	$4,895.00	$725.00	$7,975.00
13	4020-C-1024	REMOVAL OF STORM SEWER LESS THAN 24"	304	LF	$10.00	$3,040.00	$30.00	$9,120.00	$40.00	$12,160.00	$68.00	$20,672.00	$60.00	$18,240.00
14	4030-B-1036	APRON, CONCRETE, 36 IN.	1	EACH	$3,000.00	$3,000.00	$15,000.00	$15,000.00	$4,000.00	$4,000.00	$6,315.00	$6,315.00	$6,400.00	$6,400.00
15	4040-A-1006	SUBDRAIN, LONGITUDINAL, (SHLD) 6"	410	LF	$18.00	$7,380.00	$15.00	$6,150.00	$30.00	$12,300.00	$43.00	$17,630.00	$30.00	$12,300.00
16	4040-C-1006	SUBDRAIN CLEANOUT	2	EACH	$400.00	$800.00	$870.00	$1,740.00	$800.00	$1,600.00	$600.00	$1,200.00	$600.00	$1,200.00
17	4040-D-1006	SUBDRAIN OUTLET	4.00	EACH	$500.00	$2,000.00	$130.00	$520.00	$600.00	$2,400.00	$600.00	$2,400.00	$450.00	$1,800.00
18	6010-A-1048	MANHOLE, STORM SEWER, SW-401, 48 IN.	1.00	EACH	$5,000.00	$5,000.00	$3,100.00	$3,100.00	$4,075.00	$4,075.00	$4,900.00	$4,900.00	$5,900.00	$5,900.00
19	6010-A-1060	MANHOLE, STORM SEWER, SW-401, 60 IN.	1	EACH	$6,000.00	$6,000.00	$24,000.00	$24,000.00	$8,200.00	$8,200.00	$11,400.00	$11,400.00	$12,700.00	$12,700.00
20	6010-A-1510	MANHOLE, STORM SEWER, SW-404, 5'X10'	1	EACH	$20,000.00	$20,000.00	$10,000.00	$10,000.00	$22,650.00	$22,650.00	$23,800.00	$23,800.00	$41,000.00	$41,000.00
21	6010-B-1505	INTAKE, SW-505	1	EACH	$5,000.00	$5,000.00	$8,000.00	$8,000.00	$8,950.00	$8,950.00	$7,100.00	$7,100.00	$11,100.00	$11,100.00
22	6010-B-1506	INTAKE, SW-506	6	EACH	$6,000.00	$36,000.00	$11,000.00	$66,000.00	$10,500.00	$63,000.00	$8,600.00	$51,600.00	$14,800.00	$88,800.00
23	6010-H-1000	REMOVAL OF INTAKE/MANHOLE	7	EACH	$1,000.00	$7,000.00	$660.00	$4,620.00	$1,050.00	$7,350.00	$2,200.00	$15,400.00	$2,000.00	$14,000.00
24	7010-A-1010	PAVEMENT, PCC, 10 IN. REINFORCED	730	SY	$85.00	$62,050.00	$80.00	$58,400.00	$66.00	$48,180.00	$99.00	$72,270.00	$73.00	$53,290.00
25	7030-A-1000	REMOVAL OF SIDEWALK	135	SY	$10.00	$1,350.00	$16.00	$2,160.00	$15.00	$2,025.00	$26.00	$3,510.00	$30.00	$4,050.00
26	7030-E-1004	SIDEWALK, PCC	135	SY	$60.00	$8,100.00	$60.00	$8,100.00	$60.00	$8,100.00	$50.00	$6,750.00	$54.00	$7,290.00
27	7030-G-1000	DETECTABLE WARNINGS	10.5	SF	$52.00	$546.00	$61.00	$640.50	$52.00	$546.00	$38.00	$399.00	$53.00	$556.50
28	7030-H-1007	DRIVEWAY, PCC, 7 IN.	192	SY	$75.00	$14,400.00	$70.00	$13,440.00	$69.00	$13,248.00	$61.00	$11,712.00	$60.00	$11,520.00
29	7040-A-1000	FULL DEPTH PATCHES	55	SY	$150.00	$8,250.00	$150.00	$8,250.00	$96.00	$5,280.00	$165.00	$9,075.00	$360.00	$19,800.00
30	7040-H-1000	PAVEMENT REMOVAL	975	SY	$10.00	$9,750.00	$25.00	$24,375.00	$15.00	$14,625.00	$26.00	$25,350.00	$38.00	$37,050.00
31	8020-C-1000	PAINTED PAVEMENT MARKING, DURABLE	6.74	STA	$100.00	$674.00	$735.00	$4,953.90	$1,100.00	$7,414.00	$585.00	$3,942.90	$625.00	$4,212.50
32	8020-G-1000	PAINTED SYMBOLS AND LEGENDS, DURABLE	2	EACH	$225.00	$450.00	$345.00	$690.00	$1,100.00	$2,200.00	$275.00	$550.00	$295.00	$590.00
33	9010-B-1000	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	1.2	AC	$2,500.00	$3,000.00	$4,300.00	$5,160.00	$3,300.00	$3,960.00	$4,950.00	$5,940.00	$4,600.00	$5,520.00
34	9010-D-1000	WATERING FOR SOD	95	MGAL	$60.00	$5,700.00	$45.00	$4,275.00	$61.00	$5,795.00	$75.00	$7,125.00	$71.00	$6,745.00
35	9020-A-1000	SOD	255	SQ	$50.00	$12,750.00	$75.00	$19,125.00	$56.00	$14,280.00	$75.00	$19,125.00	$71.00	$18,105.00
36	9040-D-1006	FILTER SOCK, 6 IN.	2000	LF	$3.00	$6,000.00	$2.00	$4,000.00	$2.50	$5,000.00	$2.00	$4,000.00	$2.00	$4,000.00
37	9040-D-2000	FILTER SOCK, REMOVAL	2000	LF	$0.50	$1,000.00	$0.35	$700.00	$0.50	$1,000.00	$0.30	$600.00	$0.25	$500.00
38	9040-J-1000	RIP-RAP, CLASS D	140	TON	$65.00	$9,100.00	$55.00	$7,700.00	$80.00	$11,200.00	$90.00	$12,600.00	$100.00	$14,000.00
39	9040-N-1000	SILT FENCE OR SILT FENCE DITCH CHECK	1680	LF	$2.50	$4,200.00	$2.00	$3,360.00	$1.50	$2,520.00	$2.00	$3,360.00	$2.00	$3,360.00
40	9040-N-2000	SILT FENCE, REMOVAL OF SEDIMENT	840	LF	$1.00	$840.00	$0.35	$294.00	$0.10	$84.00	$0.30	$252.00	$0.25	$210.00
41	9040-N-3000	SILT FENCE, REMOVAL OF DEVICE	1680	LF	$1.00	$1,680.00	$0.35	$588.00	$0.10	$168.00	$0.30	$504.00	$0.25	$420.00
42	9040-Q-2000	EROSION CONTROL MULCHING, HYDROMULCHING	1.2	AC	$1,500.00	$1,800.00	$2,000.00	$2,400.00	$2,300.00	$2,760.00	$2,200.00	$2,640.00	$2,100.00	$2,520.00
43	9040-T-1000	INLET PROTECTION DEVICE, DROP IN	14	EACH	$1,000.00	$14,000.00	$130.00	$1,820.00	$130.00	$1,820.00	$157.00	$2,198.00	$150.00	$2,100.00
44	9040-T-2000	INLET PROTECTION DEVICE, MAINTENANCE	14	EACH	$500.00	$7,000.00	$40.00	$560.00	$130.00	$1,820.00	$62.00	$868.00	$60.00	$840.00
45	11,010-A-1000	CONSTRUCTION SURVEY	1	LS	$12,000.00	$12,000.00	$15,000.00	$15,000.00	$5,050.00	$5,050.00	$6,200.00	$6,200.00	$5,900.00	$5,900.00
46	SPECIAL	ABANDONMENT OF WATER MAIN	1	LS	$5,000.00	$5,000.00	$4,000.00	$4,000.00	$18,600.00	$18,600.00	$6,000.00	$6,000.00	$45,800.00	$45,800.00
47	SPECIAL	PORTABLE DYNAMIC MESSAGE SIGN (PDMS)	24	CDAY	$150.00	$3,600.00	$250.00	$6,000.00	$200.00	$4,800.00	$250.00	$6,000.00	$205.00	$4,920.00
48	SPECIAL	TRAFFIC CONTROL	1	LS	$50,000.00	$50,000.00	$15,000.00	$15,000.00	$32,000.00	$32,000.00	$9,600.00	$9,600.00	$26,000.00	$26,000.00
		TOTAL BID				$514,225.00		$508,508.00		$593,000.00		$845,319.90		$839,969.00

I hereby certify that this document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Name: Wade D. Harris, PE License #:20824



VICINITY MAP



LEGEND

PROJECT LOCATION

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THE CITY OF WEST DES MOINES

PROJECT: **Storm Sewer Improvements**

LOCATION: **Valley West Drive & Westown Parkway**

DRAWN BY: JDR	DATE: 07/21/2017	PROJECT NUMBER : 0510-070-2017 SUBDIVISION NAME:	SHT. 1 of 1