FEEDER SCHEDULE

	DESIG.	EQUIPMENT SERVED	CONDUCTORS SETS	CONDUCTORS NO.	CONDUCTORS SIZE	GROUND SIZE PER SET	ISOLATED GROUND SIZE	CONDUIT SIZE PER SET	SPARE CONDUIT
	E	EXISTING FEEDER TO REMAIN	--	--	--	--	--	--	--
(1)	1	MUSCO CONTROLLER #3	3	--	--	--	--	2"C.	--
(2)	2	COURT LIGHTING	3	--	--	--	--	2"C.	--
	3	LIGHT POLE FEEDER	1	3	#10 CU	#10	--	1"C.	--

(1) USE (1)CONDUIT TO PULL ACTIVE CIRCUIT WIRES AND (2)CONDUITS FOR FUTURE USE. INSTALL PULL ROPES IN SPARE CONDUITS.

(2) CONDUITS WITH PULLROPE FOR LIGHT POLE CIRCUITS. LABEL AS BUILT DRAWINGS PER ACTUAL INSTALLATION. 3 SETS PROVIDED FOR SPARE CAPACITY.

(1) EXIST. PANEL: A — 480Y/277 VOLTS, 3 PHASE, 4 WIRE
W/GRD. BUS — 250 AMP MLO, SURFACE MTD. — AIC LABELED

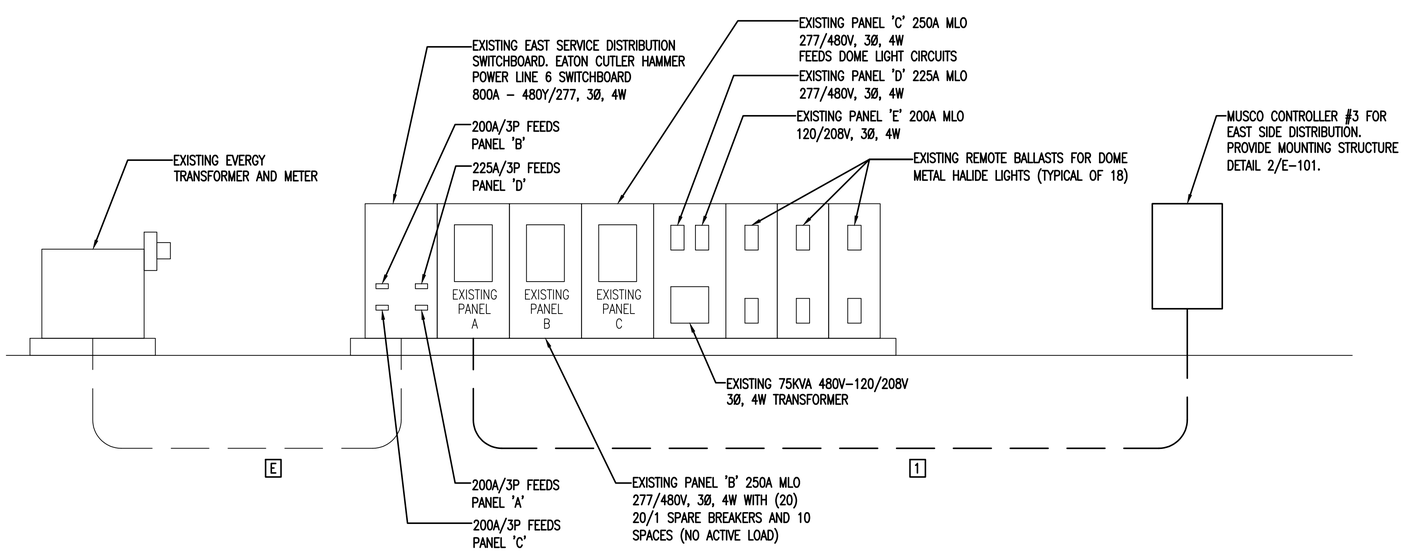
	CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P.	AMP SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
	1			SPARE	1	20	A	20	1	SPARE			2
	3			SPARE	1	20	B	20	1	SPARE			4
	5			SPARE	1	20	C	20	1	SPARE			6
	7			SPARE	1	20	A	20	1	SPARE			8
	9			SPARE	1	20	B	20	1	SPARE			10
	11			SPARE	1	20	C	20	1	SPARE			12
	13			SPARE	1	20	A	20	1	SPARE			14
	15			SPARE	1	20	B	20	1	SPARE			16
	17			SPARE	1	20	C	20	1	SPARE			18
(4)(2)	19	4680	LGHT	LIGHTS T30/T31	3	20	A	30	3	LIGHTS T28B/T29B (FUTURE)	LGHT	5720	20 (5)(4)
	21						B						22
	23						C						24
(4)(3)	25	4680	LGHT	LIGHTS T28A/T29A	3	20	A	30	3	LIGHTS T26/T27 (FUTURE)	LGHT	5720	26 (5)(4)
	27						B						28
	29						C						30

(1) PANELBOARD AND ASSOCIATED BRANCH CIRCUITS ARE TO REMAIN UNLESS NOTED OTHERWISE.
(2) REMOVE 20A, 1P BREAKERS AS NEEDED AND REPLACE WITH 20A, 3P BREAKER. BREAKER TO MATCH MANUFACTURER AND TYPE AS EXISTING BREAKER. UPDATE PANEL DIRECTORY AS REQUIRED.
(3) CONNECT TO NEW BREAKER (SIZE INDICATED) IN EXISTING SPACE. BREAKER TO MATCH MANUFACTURER AND TYPE AS EXISTING BREAKER. UPDATE PANEL DIRECTORY AS REQUIRED.
(4) VIA MUSCO CONTROLLER #3
(5) REMOVE 20A, 1P BREAKER AND REPLACE WITH 30A, 3P BREAKER. BREAKER TO MATCH MANUFACTURER AND TYPE AS EXISTING BREAKER. TURN BREAKER TO THE 'OFF' POSITION WITH LOCK-OFF CLIPS. UPDATE PANEL DIRECTORY AS REQUIRED.

(1) EXIST. PANEL: L — 208Y/120 VOLTS, 3 PHASE, 4 WIRE
W/GRD. BUS — 400 AMP MLO, SURFACE MTD. — AIC LABELED

	CIRC NO.	LOAD V. A.	LOAD TYPE	LOAD DESCRIPTION	P.	AMP SIZE	PHASE	AMP SIZE	P.	LOAD DESCRIPTION	LOAD TYPE	LOAD V. A.	CIRC NO.
	1		LGHT	LIGHTS T3/T4	3	50	A	50	3	LIGHTS T1/T2	LGHT		2
	3						B						4
	5						C						6
	7		LGHT	LIGHTS T5/T6	3	50	A	50	3	LIGHTS T7/T8	LGHT		8
	9						B						10
	11						C						12
(4)(2)	13	9360	LGHT	LIGHTS T7/T9/T10/T11	3	60	A	50	3	LIGHTS T16/T17	LGHT		14
	15						B						16
	17						C						18
	19		LGHT	LIGHTS T18/T19	3	50	A		3	SPACE			20
	21						B						22
	23						C						24
	25		PWR	PANEL L1/L2	3	60	A	60	3	LIGHTS T12/T13/T14/T15	LGHT		26
	27						B						28
	29						C						30
(5)(3)	31	3480	LGHT	LIGHTS T20/T21	3	30	A	30	3	LIGHTS T22/T23	LGHT	2320	32 (3)(5)
	33						B						34
	35						C						36
	37		PWR	TVSS	3	20	A	30	3	LIGHTS T24/T25	LGHT	3560	38 (3)(4)
	39						B						40
	41						C						42

(1) PANELBOARD AND ASSOCIATED BRANCH CIRCUITS ARE TO REMAIN UNLESS NOTED OTHERWISE.
(2) CONNECT TO CIRCUIT MADE "SPARE" BY DEMOLITION WORK.
(3) CONNECT TO NEW BREAKER (SIZE INDICATED) IN EXISTING SPACES. BREAKER TO MATCH MANUFACTURER AND TYPE AS EXISTING BREAKER. UPDATE PANEL DIRECTORY AS REQUIRED.
(4) VIA EXISTING MUSCO CONTROLLER #1
(5) VIA MUSCO CONTROLLER #2



1 EXISTING EAST SERVICE RISER DIAGRAM
NO SCALE

PEC
PROFESSIONAL ENGINEERING CONSULTANTS
303 SOUTH TOPEKA
WICHITA, KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA

HOANG V. VO LICENSED 23143 5/11/2020 KANSAS PROFESSIONAL ENGINEER

RIVERSIDE TENNIS CENTER

551 NIMS N
WICHITA, KS 67203

Issue:		
1	100% FOR BID	5/11/20

JOB NO.	197042-015
DATE	11 MAY 2020
PM	MEK
DESIGNED BY	DCG
DRAWN BY	SPG
CHECKED BY	SVV

ELECTRICAL SCHEDULES

E-101
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SAVED 4/17/2020 1:50:46 PM BY SEAN.GERETY
PLOTTED 5/11/2020 3:41:52 PM BY SEAN GERETY
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