WEST CAMPUS 15 K.V. ONE LINE

FILE NAME: Campus Electrical Distribution 1-line WEST 2022

S:\UOI1\UTDIV\ELECDIST\Mapping\Source DWG Files

Updated: April 12, 2022
Plotted: May 23, 2022

LEGEND
- SSP = Secondary Service Protector
- * = NOTE: CAN TIE TWO PRIMARY SOURCES
- 5 KV LINE
- VACUUM SWITCH (Loop Switch Closed / After Fault Switch Closed / After Fault Switch Open)

TO MID AMERICA 161 K.V.

T-1

TO MID AMERICA 161 K.V.

T-6

2.4 MVAR — VS — CAP 1 — ground switch

2.4 MVAR — CB — CAP 6 — ground switch

STATION POWER TRANSFORMER T-172 — SPT 2 / SPT 3

WAY 1 / WAY 2 / WAY 3

to UIHC Generator Plant T-10

2.4 MVAR — CAP 2 — ground switch

TO MID AMERICA 161 K.V.

T-2

2000A BRK.

BT1-5	LOOP F1	LOOP E1	LOOP D1	LOOP C1	LOOP B1	LOOP A1	BT 1-2	T-1	SPT 1	CAP 1
UNIT 7	UNIT 2	UNIT 3	UNIT 4	UNIT 6	UNIT 5	UNIT 1	UNIT 9	UNIT 8	UNIT 10	UNIT 11

T-6	BT6-7	R6	Q6	P6	CAP6	BT5-6	ACT	O5	P-5	S5	BT5-1
UNIT 112	UNIT 101	UNIT 109	UNIT 110	UNIT 111	UNIT 106	UNIT 107	UNIT 108	UNIT 104	UNIT 103	UNIT 102	UNIT 105

BT7-2	GEN	S7	N7	O7	P7	Q7	R7	CAP 7	BT6-6	T-7
UNIT 11	UNIT 10	UNIT 9	UNIT 4	UNIT 2	UNIT 8	UNIT 7	UNIT 3	UNIT 6	UNIT 5	UNIT 1

T-2	CAP 2	SPT 2	BT2-1	LOOP A2	LOOP B2	LOOP C2	LOOP D2	LOOP E2	LOOP F2	BT2-7
UNIT 1	UNIT 2	UNIT 3	UNIT 4	UNIT 5	UNIT 6	UNIT 8	UNIT 9	UNIT 10	UNIT 5	UNIT 7

2000A BRK.

WEST CAMPUS CHILLED WATER
15Q3 — AUX — 15Q2 — AUX — 15Q1
T-138 MAIN MCC Q2 480V — T-135 CH2 4160V — T-102 MAIN MCC Q1 480 V — T-91 CH1 4160 V

WEST CHILLER PLANT
AUX 15S1 15S2 15S3 AUX — T-145 5 KV MOTOR STARTER YKK6 — T-147 5 KV MOTOR STARTER YKK6

WEST CHILLER PLANT
15S3 AUX 15S4 Transitional Unit 15S5 Transitional Unit 15S6 — T-5 SEC. MAIN 480V — SUB C — T-6 SEC. MAIN 480V — SUB B

FUTURE
WRESTLING HOF
T-264 MAIN 480V

R McDONALD HSE
AUX 15S7 15S8 — T-122 — SSP 208Y — RONALD MCDONALD — T-245 480V

CARVER-HAWKEYE ARENA
AUX 15S10 15S9 — T-6 SSP 480V

HOPE HOUSE — 208Y

PBDB
AUX 15P1 15P2 15P3 AUX — T-135 — SSP 480V * SSP 480V — T-136

CBRB
15P4 AUX 15P5 AUX 15P6 — T-152 MAIN 480V * MAIN 480V — T-151

NW CAMPUS CHILLED WATER PLANT
15P9 AUX 15P8 AUX 15 P7 — N. MEB — T-53 MAIN 208 — NWCCWP — T-61 SSP 480V — MERF — T-71 — T-72 MAIN 480V * MAIN 480V — T-73

MRC
15O3 15O2 15O1 — T-142 MAIN 208Y * MAIN 208Y — T-137 AUX

NORTH PHARMACY SUB
15O4 AUX 15 O5 AUX 15O6 15O7 AUX — T-97 — T-94 — SWB HOSPITAL DOCK — T-101 — T-103 — MED LABS MAIN 480V * MAIN 480V

BOWEN SCIENCE BUILDING
15O8 15O9 AUX — T-32 MAIN 480V * MAIN 480V — T-30 AUX 15O10 15O11

BOWEN SCIENCE BUILDING
15O12 15O13 AUX — T-47 SEC MAIN — SEC MAIN 208 Y — T-46 AUX 15O14 15O15

WESTLAWN
15O17 15O16 AUX — T-143 — SSP 208Y

ECKSTEIN MEDICAL RESEARCH BUILDING
15O21 AUX 15O21 AUX 15O20 AUX 15O19 TRANSITION AUX 15O18 — T-114 SSP 480V * SSP 480V — T-115 — T-116 SSP 208Y * SSP 208Y — T-117

WCCWP
15R8 AUX 15R7 — 15R6 AUX 15R5 — TX215 — TX204 — MAIN 480V * MAIN 480V — TX166 — TX104

WEST CAMPUS CHILLED WATER
15R4 AUX 15R3 AUX 15R2 AUX 15R1 — T-148 SSP SUB E 480V — T-149 5 K.V. MOTOR CH5 — T-150 5 K.V. MOTOR CH6 — T-151 VACUUM SWITCH — 5 K.V. MOTOR CTV1 — 5 K.V. MOTOR CTV2

PHARMACY SUB
15B1 AUX 15B2 AUX 15B3 — T-220 MAIN 480V * MAIN 480V — T-221

BOYD LAW
AUX 15B4 15B5 15B6 AUX — T-157 — SSP 480 * SSP 480 — T-158 — T-156 SSP 480V — STANLEY HYDRO LAB

RIENOW HALL
15B8 15B7 AUX — T-233 MAIN 208Y

SLATER HALL
T-34 AUX 15B10 15B9 — SSP 208Y

MELROSE RAMP 4
AUX 15 B14 15 B13 — T-16 SSP 480V

RCP / ETC
AUX 15B13 15B14 15B15 AUX — T-176 — T-178 — T-179 — T-180 — SSP NDP1 480V * SSP NDP3 480V — SSP NDP4 480V * SSP NDP2 480V

HARDIN LIBRARY
CABLE ENTRY 15B17 15 B16 — T-163 AUX MAIN 480V — T-15 208Y

DENTAL SCIENCE BLDG.
AUX 15B18 15B19 15B20 AUX — T-52 MAIN 480V * MAIN 480V — T-53

UIHC BOYD TOWER EAST
15D21 15D22 AUX — T-20 — S. MEB — T-18 — SSP 480V — SSP 208Y

UIHC BOYD TOWER WEST
SPARE — AUX 15D23 15D24 — T-24 — SSP 480V — SEC. MAIN NDP 2 — TIE 480 V — SEC. MAIN NDP 1

W HOSPITAL RADIOLOGY
AUX 15D25 15 D26 — T-124 — SSP NDP 6/8 208Y

RECREATION

BUILDING SUB
15D1 15D2 AUX — T-44 SSP 208Y — T-4 MAIN 480V

SPEECH & HEARING
TRANSITION — 15D3 — T-133 — MAIN 208Y

SPEECH & HEARING
T-126 SW — 15D4 — T-134 — SW1 SW2 — SPEECH & HEARING — RAMP 1

S.E. HOSPITAL SUB
T185SW T183SW T155SW — 15D8 — 15D7 — 15D6 — T185SW T184SW T186SW — T-185 SEC. BREAKER — T-186 AUX SEC. BREAKER — S.E. ADDITION SEC. — X-RAY SECONDARY — TOWER SECTION SEC. — T-184 AUX SEC. BREAKER — MAINT. SHOP NO. 2 — AUX SEC. BREAKER — MAINT. SHOP NO. 1 — T-182 AUX SEC. BREAKER — T-183 AUX SEC. BREAKER — ELECT. SHOP 1 SEC. — ELECT. SHOP 2 SEC.

WCI
15D9 — 15D10 — T-25 — SW44 — 5 KV — SW88 SW89 — SW90 — SW91 SW92 — SW94 TO SW93 — TO SW38 — T7 Fieldhouse — T118 T119 Fieldhouse

HILLCREST
15D11 — AUX — 15D12 — AUX — 15D11 — T-23 — SSP 480V * SSP 480V

PETERSEN
AUX — 15D14 — 15D15 — T-241 — SSP 480V

COLLEGE OF PHARM
15D16 — AUX — 15D17 AUX — 15D18 — T-236 — SSP 480V

COLLEGE OF NURSING
15 D20 15 D19 — AUX — T-237 MAIN 208V

KINNICK STADIUM
AUX 15I3 15I2 15I1 AUX — T-233 — T-234 — T-235 — T-232 SSP 480V * SSP 480V — SSP 480V * SSP 480V — T-231 — KINNICK NORTH END ZONE — T-230 SSP 480V

POMERANTZ FAMILY PAVILION
15E4 AUX 15E5 AUX 15E6 AUX 15E7 AUX 15E8 AUX 15E9 — T-225 — T-226 — T-227 — T-228 — T-229 — SSP NDP 1 480V * SSP NDP 2 480V — SSP NDP 3 480V * SSP NDP 4 480V — 4KV NOT IN SERVICE

POMERANTZ CENTER WEST ADDITION
15E10 AUX 15E11 AUX 15E12 AUX 15E13 Spare — T-220 — T-230 — SSP NDP 5 480V * SSP NDP 6 480V

PAPPAJOHN PAVILION WEST
15E17 AUX 15E16 AUX 15E15 15E14 — T-216 — T-217 — T-218 — T-219 — T-14 — SSP NDP 2 480V * SSP NDP 4 480V — PED NDP 5 — SSP NDP 5 480V * SSP NDP 6 480V

CHILDREN'S HOSPITAL
15A1 AUX 15A2 AUX 15A3 AUX 15A4 — T-250 — T-249 — T-250 — SSP MAIN 1 480V — SSP MAIN 2 480V * RAMP II — SSP MAIN 3 480V

ATHLETIC INDOOR PRACTICE FACILITY
15F1 15F2 AUX — T-26 — T-155 — 480V * 480V

EAST COLLOTON PAVILION
15F3 AUX 15F4 AUX 15F5 — T-41 — T-42 — SSP NDP 1 480V * SSP NDP 2 480V

PAPPAJOHN PAVILION EAST
AUX 15F6 15F7 15F8 AUX — T-218 — T-219 — SSP NDP 3 480 V * SSP NDP 1 480V

WEST COLLOTON PAVILION
15F9 AUX 15F10 15F11 TRANSITION AUX 15F12 AUX 15F13 AUX 15F 14 — T-190 — T-188 — T-189 — T-169 — SSP 480V * SSP 480V NDP 2 NDP 4 — SSP 480V * SSP 480V NDP 5 NDP 6