

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER CAT. NO.	VOLT	LAMP	REMARKS
A	COOPER #2PCV-28KMSH1-277-TEB81-EO	277	2-#40 BUX	2X2 9 CELL PARABOLIC
B	COOPER #2CCRB-23KSH125-277-TEB81-EO	277	2-#32 TB	2 LAMP 2X4 LY-IN
C	COOPER #2CCRB-43KSH125-277-TEB81-EO	277	4-#32 TB	4 LAMP 2X4 LY-IN
D	AUS #10-06-P-4-B-0-1	277	4-#40 BUX	42" STEEL MOUNTED BOWL FIXTURE
E	COOPER #2PCV-42SP461-277-TEB81	277	2-#40 BUX	2X4 24 CELL PARABOLIC
F	LIGHT VERSION #P634-EB-42	277	2-#36 DBX	RECESSED DOWNLIGHT
G	COOPER #2CCRB-28KMSH125-277-TEB81-EO	277	2-#40 BUX	2 LAMP 2X2 LY-IN
H	COOPER #3TN-232-277-TEB81-MC-U	277	2-#32 TB	4" CYLIND. MOUNTED STRIP WITH REFLECTOR AND WIRE GUARD
I	COOPER #3N-232-277-TEB81	277	1-#32 TB	4" SOE MOUNTED STRIP WITH SHATTER SHIELD LAMP GUARD
K	COOPER #REU-232-277-TEB81	277	2-#32 TB	WALL MOUNTED UP/DOWN LIGHT; MOUNTED AT 7'-6" AFF (LANDING)
<input checked="" type="checkbox"/>	LIGHT ALARMS # XLED-R-W-277	277	WITH UNIT	SINGLE FACE LED EXIT LIGHT; ARROWS AS INDICATED ON DRAWINGS
<input checked="" type="checkbox"/>	LIGHT ALARMS # 2XLED-R-W-277	277	WITH UNIT	DOUBLE FACE LED EXIT LIGHT; ARROWS AS INDICATED ON DRAWINGS

TRANSFORMER SCHEDULE

TRANS NO	KVA RATING	PRIMARY VOLTAGE	SECONDARY VOLTAGE	MOUNTING	C. FREE
TP3	75 KVA	480	208Y/120	FLOOR	190

GENERAL ELECTRICAL DEMOLITION NOTES

- ALL SAWCUTTABLE ITEMS SUCH AS LIGHT FIXTURES, ETC THAT ARE NOT TO BE REUSED SHALL BE TURNED OVER TO THE OWNER.
- REFER TO ARCHITECTURAL PLANS FOR GENERAL DEMOLITION ITEMS SUCH AS CEILING, WALLS, ETC.
- CONTRACTOR SHALL COORDINATE WITH THE OWNER AS TO CONSTRUCTION SCHEDULING, SERVICE INTERRUPTIONS, AND ACCESS TO WORK AREAS.
- ALL EXISTING BRANCH CIRCUITS NOT USED SHALL BE REMOVED BACK TO PANEL. THE CIRCUIT BREAKERS SHALL BE LABELED AS SPARE, AND EXISTING CONDUIT SHALL REMAIN FROM PANEL TO ABOVE ACCESSIBLE CEILING SPACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATION IN AREAS OF RENOVATION. ALL WIRING DEVICES, LIGHT FIXTURES, WIRE, AND CONDUIT THAT IS TO BE REMOVED SHALL BE STORED AS DIRECTED BY THE OWNER. OR REMOVED TO THE NEAREST CONSTRUCTION AREA. EXISTING CONDUITS SHALL BE KEEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED, AND ALL OUTLETS WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING SCHEDULES AND LEGENDS TO REFLECT WORK AFFECTED BY THIS WORK. UPDATED SCHEDULES ARE TO BE TURNED IN.

GENERAL ELECTRICAL NOTES

- EACH CIRCUIT SHALL HAVE AN EQUIPAMENT GROUNDING CONDUCTOR AND MULTI-WIRE CIRCUITS OF DIFFERENT PHASES SHALL HAVE AN EQUIPAMENT GROUND CONDUCTOR SIZE SHALL NOT BE LESS THAN #12 AWG OR AS INDICATED ON THE DRAWINGS.
- ALL CONDUCTORS #10 AND SMALLER SHALL BE SOLID COPPER, AND ALL CONDUCTORS #8 AND LARGER SHALL BE STRANDED COPPER USING BOLTED LUGS AT TERMINALS.
- MINIMUM CONDUIT SIZE SHALL BE 3/4" UNLESS OTHERWISE NOTED.
- ALL WIRING DEVICES SHALL BE INSTALLED PLUMB, SQUARE, AND TRUE; AND ALL DEVICES INSTALLED AT A SINGLE LOCATION SHALL BE ALIGNED.
- MINIMUM WIRE SIZE SHALL BE #12 AWG UNLESS OTHERWISE SPECIFIED.
- ALL WORK SHALL COMPLY WITH THE 1999 EDITION OF THE NATIONAL ELECTRICAL CODE.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL ELEVATIONS AND MILLWORK DETAILS FOR EXACT LOCATION OF ALL WIRING DEVICES.
- CONTRACTOR SHALL REFER TO THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL DOWNLIGHTS.
- ALL EXISTING BRANCH CIRCUITS NOT USED SHALL BE REMOVED BACK TO PANEL. THE CIRCUIT BREAKERS SHALL BE LABELED AS SPARE, AND EXISTING CONDUIT SHALL REMAIN FROM PANEL TO ABOVE ACCESSIBLE CEILING SPACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL RELOCATION IN AREAS OF RENOVATION. ALL WIRING DEVICES, LIGHT FIXTURES, WIRE, AND CONDUIT THAT IS TO BE REMOVED SHALL BE STORED AS DIRECTED BY THE OWNER. OR REMOVED TO THE NEAREST CONSTRUCTION AREA. EXISTING CONDUITS SHALL BE KEEN TO ASSURE CONTINUITY OF EXISTING CIRCUITS WHERE REQUIRED, AND ALL OUTLETS WHICH MAY RESULT SHALL BE COORDINATED WITH THE OWNER PRIOR TO THE WORK.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING SCHEDULES IN ALL ELECTRICAL PANELS THAT ARE AFFECTED BY THIS WORK. UPDATED SCHEDULES ARE TO BE TURNED IN.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR WIRING ALL SWITCHES, RECEPTACLES, AND FIXED EQUIPMENT.
- ALL CIRCUIT SHALL BE INSTALLED AS SUCH AS PERMITTED (NEARLY TO BOTTOM OF STUD) OR IN ACCORDANCE WITH THE ELECTRICAL CODE AND PERMITS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
- ON THREE PHASE, FOUR WIRE SYSTEM, DO NOT USE A COMMON NEUTRAL FOR MORE THAN THREE CIRCUITS. THE NEUTRAL SHALL BE INSTALLED AS SUCH AS PERMITTED (NEARLY TO BOTTOM OF STUD) OR IN ACCORDANCE WITH THE ELECTRICAL CODE AND PERMITS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
- ON SINGLE PHASE, THREE WIRE SYSTEMS, DO NOT USE A COMMON NEUTRAL FOR MORE THAN TWO CIRCUITS. THE NEUTRAL SHALL BE INSTALLED AS SUCH AS PERMITTED (NEARLY TO BOTTOM OF STUD) OR IN ACCORDANCE WITH THE ELECTRICAL CODE AND PERMITS. THE ELECTRICAL CONTRACTOR SHALL COORDINATE INSTALLATION WITH THE MECHANICAL CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS INCURRED BY THE SPRINKLE UTILITY FOR THE RELOCATION, REMOVAL, AND THE INSTALLATION OF ANY NEW SERVICES.

SYMBOLS SCHEDULE


SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLUORESCENT LIGHTING OUTLET - CEILING MOUNTED		BRANCH CIRCUIT IN CONDUIT - HOT LEG, SWITCH LEG, NEUTRAL, AND EQUIPMENT GROUND
	EMERGENCY LIGHTING OUTLET		BRANCH CIRCUIT UNDERLUMP - PANEL AND CIRCUIT NUMBER INDICATED
	EXIT SIGN		CONDUIT CONCEALED IN OR BELOW FLOOR SLAB
	INCANDESCENT OR HID LIGHTING OUTLET - CEILING OUTLET		EMERGENCY CIRCUIT IN CONDUIT
	FLUORESCENT STRIP FIXTURE		FLEXIBLE CONDUIT
	FLUORESCENT STRIP FIXTURE - EMERGENCY		SURFACE-MOUNTED PANEL BOARD
	WALL MOUNTED FLUORESCENT FIXTURE		TELEPHONE TERMINAL BOARD
	SINGLE-POLE SWITCH		PUBLIC TELEPHONE OUTLET
	THREE-WAY SWITCH		COMBINATION TELEPHONE / COMPUTER OUTLET
	DUPLEX RECEPTACLE		FIRE ALARM AUDIO/VISUAL DEVICE
	DUPLEX RECEPTACLE MOUNTED 4' ABOVE COUNTER TOP		FIRE ALARM PULL STATION
	DUPLEX RECEPTACLE - GROUND FAULT INTERRUPTING, AND WEATHER PROOF TYPES INDICATED		HEAT DETECTOR
	DUPLEX RECEPTACLE - NEMA CONFIGURATION (VOLTAGE, AMPACITY) INDICATED		SMOKE DETECTOR
	JUNCTION BOX		DUCT SMOKE DETECTOR
	SAFETY DISCONNECT SWITCH - SIZE NOTED ON PLAN		TAMPER SWITCH
	COMBINATION MOTOR STARTER AND DISCONNECT SWITCH		FLOW SWITCH
	EXISTING RELOCATED		REMOTE TEST SWITCH
	DASHED SYMBOLS INDICATE EXISTING		

EQUIPMENT SCHEDULE

PANEL 1P2"	480Y/277 VOLT, 3 PHASE, 4 WIRE, SOLID NEUTRAL, EQUIPMENT GROUND BUS BAR, 14 KVA, 225 AMPERE MAIN LUGS ONLY AT BOTTOM, 225 AMPERE COPPER BUS, NEMA 1 ENCLOSURE, SURFACE MOUNTED, LUGS FOR #4/0 CU, EQUAL TO SQUARE D TYPE NP, HOOK WITH THE FOLLOWING TYPE EMB BRANCH CIRCUIT BREAKERS:
CIRCUIT NO.	RATING
1-3,5,7,8	20A/ 1P
2,4,6	90A/ 3P (TRANSFORMER TP3)
9-12	SPACE W/ BUS
PANEL 1P3"	208Y/120 VOLT, 3 PHASE, 4 WIRE, SOLID NEUTRAL, EQUIPMENT GROUND BUS BAR, 10 KVA, 225 AMPERE MAIN BREAKER AT BOTTOM, 225 AMPERE COPPER BUS, NEMA 1 ENCLOSURE, SURFACE MOUNTED, LUGS FOR #4/0 CU, EQUAL TO SQUARE D TYPE NOD WITH THE FOLLOWING TYPE ODB BRANCH CIRCUIT BREAKERS:
CIRCUIT NO.	RATING
1-25,26,27,28,29,30,31	20A/ 1P
32-42	20A/ 1P (SPARE)
PANEL 1MP"	480Y/277 VOLT, 3 PHASE, 4 WIRE, SOLID NEUTRAL, EQUIPMENT GROUND BUS BAR, 14 KVA, 225 AMPERE MAIN LUGS ONLY AT BOTTOM, 225 AMPERE COPPER BUS, NEMA 1 ENCLOSURE, SURFACE MOUNTED, LUGS FOR #4/0 CU, EQUAL TO SQUARE D TYPE 1-LINE "HON" WITH THE FOLLOWING TYPE KA BRANCH CIRCUIT BREAKERS:
CIRCUIT NO.	RATING
1,3,5	75A/ 3P 3MU-1"
2,4,6	50A/ 3P (SPARE)
7,9,11	125A/ 3P 3CU-1"
8,10,12	125A/ 3P 3CU-2"
13-24	SPACE W/ BUS

REVISIONS

DATE



TAOSGART

FOSTER-CLIFFENCE-GRAY

ARCHITECTS

APPROVED: MEDICAL CENTER DIRECTOR

APPROVED: FACILITY PLANNER

APPROVED: SERVICE CHIEF

APPROVED: ASSOCIATE DIRECTOR

APPROVED: CHIEF ENGINEER

APPROVED: SERVICE CHIEF

APPROVED: ASSISTANT DIRECTOR

APPROVED: SERVICE CHIEF

APPROVED: SERVICE CHIEF

DRAWING TITLE

ELECTRICAL SCHEDULES AND GENERAL NOTES

PROJECT TITLE

VETERAN'S ADMINISTRATION
OUTPATIENT CARE FACILITY
SECOND FLOOR ADDITION

BUILDING NUMBER

1

CHECKED

BRN

DRAWN

BTM

DRAWING NO.

E1.6

Dwg

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Office of Facilities

DEPARTMENT OF VETERANS AFFAIRS