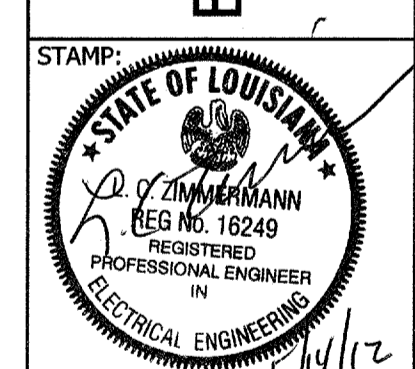


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MCMAIN HEALTH CLINIC RENOVATION  
AT  
ELEANOR MCMAIN SECONDARY HIGH SCHOOL  
5712 SOUTH CLAIBORNE AVENUE  
NEW ORLEANS, LOUISIANA 70125



REVISION(S):

DRAWN BY:  
BPO

CHECKED BY: BPO  
DATE: 05/11/12

DATE:

JOB NO: 1007B

SHEET NO: E-01

ELECTRICAL SYMBOLS	
NOTES: 1. THIS IS A TYPICAL SCHEDULE. SOME SYMBOLS MAY NOT BE USED. 2. ALL OUTLETS AND ELECTRICAL EQUIPMENT ARE SHOWN APPROXIMATELY LOCATED. FOR ALL MEASUREMENTS USE ARCHITECTURAL PLANS. 3. REGARDING ALL LIGHTING FIXTURES, REFER TO LIGHTING FIXTURE SCHEDULE FOR EXACT REQUIREMENTS.	
SYMBOL	DESCRIPTION
	SURFACE, RECESSED, OR WALL MOUNTED LIGHTING FIXTURE CONNECTED TO NORMAL BRANCH CIRCUIT
	SURFACE, RECESSED, OR WALL MOUNTED LIGHTING FIXTURE WITH BATTERY PACK
	CEILING OR WALL MOUNTED EXIT SIGN, SHADED AREA INDICATES FACE, PROVIDE DIRECTIONAL ARROWS AS INDICATED OR REQUIRED
	EMERGENCY BATTERY PACK UNIT
	TRACK LIGHTING, LENGTH AS SHOWN ON DRAWINGS, QUANTITY OF HEADS AS SHOWN ON DRAWINGS
	EXTERIOR POLE MOUNTED LIGHTING FIXTURE
	EXTERIOR POLE MOUNTED LIGHTING FIXTURE (WITH DUAL HEADS)
	EXTERIOR LIGHTING FIXTURE, POST TOP MOUNTED OR BOLLARD
	JUNCTION BOX WITH COVER, MOUNTED ABOVE CEILING OR FLUSH IN FINISHED CEILING UNLESS INDICATED OTHERWISE. SIZE PER NEC
	WALL MOUNTED JUNCTION BOX WITH COVER, MOUNTED FLUSH IN FINISHED SPACES OR SURFACE IN UNFINISHED SPACES, UNLESS INDICATED OTHERWISE. SIZE PER NEC
	DUPLEX RECEPTACLE 20 AMP, 2 POLE, 3W, 120V GROUNDING TYPE
	DUPLEX RECEPTACLE 20 AMP, 2 POLE, 3W, 120V GROUNDING TYPE, CEILING MOUNTED
	DUPLEX RECEPTACLE 20 AMP, 2 POLE, 3W, 120V GROUNDING TYPE, MOUNTED ABOVE COUNTER
	DUPLEX RECEPTACLE, 2 POLE, 3W, 250V, GROUNDING TYPE (SUFFIX INDICATES AMPERAGE WHEN MORE THAN 20A)
	DUPLEX RECEPTACLE, 2 POLE, 3W, 120V, GROUNDING DEDICATED CIRCUIT (SUFFIX INDICATES AMPERAGE WHEN MORE THAN 20A)
	QUADRAPLEX RECEPTACLE, 20 AMP, 2 POLE, 3W, 120V GROUNDING TYPE
	DUPLEX RECEPTACLE, 20 AMP, 2 POLE, 3W, 120V GFI TYPE (GROUND FAULT INTERRUPTER)
	DUPLEX RECEPTACLE, 20 AMP, 2 POLE, 3W, 120V GFI TYPE (GROUND FAULT INTERRUPTER), WEATHERPROOF
	DUPLEX RECEPTACLE, 20 AMP, 2 POLE, 3W, 120V GFI TYPE (GROUND FAULT INTERRUPTER), MOUNTED ABOVE COUNTER
	DUPLEX FLOOR RECEPTACLE 20 AMP, 2 POLE, 3W, 120V GROUNDING TYPE
	QUADRAPLEX FLOOR RECEPTACLE, 20 AMP, 2 POLE, 3W, 120 VOLT GROUNDING TYPE
	QUADRAPLEX RECEPTACLE, CEILING MOUNTED, 20 AMP, 2 POLE, 3W, 120 VOLT GROUNDING TYPE
	MOTOR
	COMBINATION MAGNETIC STARTER & DISCONNECT SWITCH
	MAGNETIC STARTER (FVNR)
	ENCLOSED CIRCUIT BREAKER
	DISCONNECT SWITCH-SIZE/POLES/FUSE/NEMA TYPE
	CONTROL SWITCH FOR MECHANICAL EQUIPMENT
	SINGLE POLE SWITCH (SUBSCRIPT, IF SHOWN, INDICATES FIXTURE CONTROLLED)
	THREE WAY SWITCH (SUBSCRIPT, IF SHOWN, INDICATES FIXTURE CONTROLLED)
	FOUR WAY SWITCH (SUBSCRIPT, IF SHOWN, INDICATES FIXTURE CONTROLLED)
	WALL SWITCH MOTION DETECTOR, SINGLE POLE, SEE SPECIFICATIONS
	WALL SWITCH MOTION DETECTOR, DUAL RELAYS FOR INBOARD/OUTBOARD SWITCHING, SEE SPECIFICATIONS
	MANUAL MOTOR STARTER SWITCH
	MOMENTARY CONTACT SWITCH
	SINGLE POLE SWITCH, KEY OPERATED
	THREE WAY SWITCH, KEY OPERATED
	FOUR WAY SWITCH, KEY OPERATED
	DIMMER SWITCH (SUBSCRIPT, IF SHOWN, INDICATES FIXTURE CONTROLLED)
	DIGITAL TIMER SWITCH
	PHOTOCELL AND RELAY
	PUSH BUTTON STATION
	LIGHTING CONTROL PACK, FOR DAYLIGHT DIMMER &/OR OCCUPANCY SENSOR
	DAYLIGHT DIMMING SENSOR
	WALL MOUNTED MOTION SENSOR, SEE SPECIFICATIONS
	CEILING MOUNTED MOTION SENSOR, SEE SPECIFICATIONS

ELECTRICAL SYMBOLS (CONTINUED)	
SYMBOL	DESCRIPTION
	PANELBOARD
	TELECOMMUNICATIONS BACKBOARD
	SPECIAL CABINET
	MULTI-OUTLET ASSEMBLY
	CONDUIT CONCEALED OVERHEAD IN FURRED CEILING, IN CEILING SLAB OR IN WALLS
	CONDUIT IN OR UNDER FLOOR SLAB, OR UNDERGROUND
	CONDUIT EXPOSED
	CONDUIT TURNED DOWN
	CONDUIT TURNED UP
	CABLE TRAY
	GROUND
	HOMERUN TO PANELBOARD, QUANTITY OF ARROWS INDICATES NUMBER OF CIRCUITS.
TELECOMMUNICATIONS	
	CABLE T.V. ANTENNA OUTLET (SEE POWER PLANS FOR LOCATIONS)
	COMMUNICATIONS OUTLET, PROVIDE # OF RJ45 CONNECTIONS AS INDICATED ON DRAWINGS
	WIRELESS ACCESS POINT, PROVIDE 2 RJ45 CONNECTIONS (SEE SPECIAL SYSTEMS PLANS FOR LOCATIONS)
	COMMUNICATIONS FLOOR OUTLET, PROVIDE # OF RJ45 CONNECTIONS AS INDICATED ON DRAWINGS
	DATA OUTLET
	TELEPHONE OUTLET
	WALL MOUNTED TELEPHONE OUTLET
FIRE ALARM SYSTEM	
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	MANUAL PULL STATION (4" SQUARE BOX WITH 1-GANG RING)
	SPEAKER/VISUAL (4" SQUARE BOX WITH 2-GANG RING), SUBSCRIPT DENOTES CANDELA OF STROBE, "C" DENOTES CEILING MOUNTED
	VISUAL ALARM, SUBSCRIPT DENOTES CANDELA OF STROBE, "C" DENOTES CEILING MOUNTED
	SMOKE DETECTOR (4" OCTAGON)
	THERMAL DETECTOR (4" OCTAGON)
	SMOKE DAMPER
	FIRE/SMOKE DAMPER
	DUCT MOUNTED SMOKE DETECTOR
	DUCT DETECTOR REMOTE INDICATOR
	MONITOR MODULE (1 GANG 2 1/2" DEEP)
	POST INDICATOR VALVE
	MAGNETIC DOOR HOLDER
	FLOW SWITCH
	TAMPER SWITCH

ELECTRICAL SYMBOLS (CONTINUED)	
SYMBOL	DESCRIPTION
SPECIAL SYSTEMS	
	CCTV EQUIPMENT RACK
	CCTV CAMERA - CEILING MOUNT DOME
	CCTV CAMERA - WALL MOUNT FIXED
	INTRUSION MOTION DETECTOR/PIR - WALL MOUNT
	INTRUSION MOTION DETECTOR/PIR-CEILING MOUNT 360 DEGREE
	INTRUSION SYSTEM CONTROL KEYPAD
	CARD READER
	DOOR CONTACT
	ANALOG CLOCK - GPS CORRECTION, '2' INDICATES DUAL SIDED
	INTRUSION SYSTEM GLASS BREAK DETECTOR
	INTRUSION SYSTEM CONTROL PANEL
	MAIN INTERCOM EQUIPMENT RACK
	AREA OF REFUGE MASTER STATION "ARMS".
	AREA OF REFUGE REMOTE CALL STATION "ARRS", WEATHERPROOF WHEN LOCATED ON EXTERIOR OF BUILDING
	INTRUSION LOOP EXPANSION MODULE
	INTRUSION SOUND AUDIO MODULE
	CEILING MOUNTED INTERCOM/PAGING SPEAKER
	CALL-IN SWITCH, PUSHBUTTON, SINGLE GANG BOX WITH 1/2" C STUBBED ABOVE THE CEILING
	ADMINISTRATIVE TELEPHONE
	WALL MOUNT PUBLIC ADDRESS AMPLIFIER/SYSTEM
	MICROPHONE INPUT
	WALL MOUNTED INTERCOM/PAGING SPEAKER
	INTERCOM SPEAKER VOLUME CONTROL
	PAGING HORN, WEATHERPROOF
	SOUND SYSTEM SPEAKER
NOTE TAGS	
	REFERENCE NOTE TAG
	KITCHEN EQUIPMENT TAG

STANDARD ABBREVIATIONS	
A	AMPERES
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
B	BASE OF CABINET OR SHELVING UNIT
BAS	BUILDING AUTOMATION SYSTEM
C	CONDUIT
CATV	COMMUNITY ANTENNA TV
cd	CANDELA RATING
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
CU	COPPER
dBA	DECIBEL LEVEL
DW	DISHWASHER
DWG	DRAWING
EC	EMPTY CONDUIT
EF	EXHAUST FAN
EM	EMERGENCY
EUH	ELECTRIC UNIT HEATER
EW	ELECTRIC WATER COOLER
EX	EXISTING
FA	FIRE ALARM
FAA	FIRE ALARM ANNUNCIATOR
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
G	GROUND
GFI	GROUND FAULT INTERRUPTER
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
ICC	INTERMEDIATE CROSS CONNECT
IG	ISOLATED GROUND
JB	JUNCTION BOX
KCMIL	THOUSAND CIRCULAR MILS
KV	KILOVOLT
KVA	KILO VOLT-AMPERE
MCB	MAIN CIRCUIT BREAKER
MCC	MAIN CROSS CONNECT
MLO	MAIN LUGS ONLY
MTD	MOUNTED
MTG	MOUNTING
MTS	MANUAL TRANSFER SWITCH
MW	MICROWAVE
N	NEUTRAL
NC	NORMALLY CLOSED
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
Ø	PHASE
P	POLE
PB	PULLBOX
PNL	PANEL
RECEPT	RECEPTACLE
REF	REFRIGERATOR
SWBD	SWITCHBOARD
TTB	TELECOMMUNICATIONS TERMINAL BOARD
TYP	TYPICAL
UC	UNDER COUNTER
UH	UNIT HEATER
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VAV	VARIABLE AIR VOLUME BOX
VFD	VARIABLE FREQUENCY DRIVE
VP	VAPOR PROOF
W	WATTS, WIRES
WH	WATER HEATER
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF
TRANSF	TRANSFORMER

NOTE: SOME ABBREVIATIONS MAY NOT BE USED.

