ELECTRICAL SYMBOL LIST

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	FLUORESCENT LIGHT FIXTURE		MOUNTED ABOVE COUNTER
	FLUORESCENT STRIP FIXTURE		DUPLEX RECEPTACLE
	RECESSED DOWNLIGHT		QUAD RECEPTACLE
	WALL MOUNTED LIGHT FIXTURE	GFI	GROUND FAULT INTERRUPTER RECEPTACLE
	WALL WASHER	T	TAMPER RESISTANT RECEPTACLE
	FIXTURE FED BY LIFE SAFETY BRANCH	TV	RECEPTACLE FOR TV COORDINATE MTG
	FIXTURE FED BY CRITICAL BRANCH		EMERGENCY DUPLEX RECEPTACLE
	EXIT LIGHT FIXTURE		EMERGENCY QUAD RECEPTACLE
	WALL MOUNTED EXIT LIGHT FIXTURE		FLOOR MOUNTED RECEPTACLE
	EMERGENCY BATTERY PACK		SPECIAL PURPOSE RECEPTACLE
	NIGHT LIGHT	D	DROP CORD RECEPTACLE
	UNDERCABINET LIGHT		SURFACE MOUNTED RACEWAY
	POLE LIGHT		FLOOR BOX
$	SINGLE POLE SWITCH		SECURITY CAMERA
$F	CEILING FAN SPEED/LIGHT SWITCH		TELEPHONE OUTLET
$3	THREE WAY SWITCH	W	WALL MOUNTED DATA OUTLET
$4	FOUR WAY SWITCH		DATA OUTLET
$K	KEYED SWITCH		TELEPHONE/DATA OUTLET
$D	WALL DIMMER SWITCH	IC	INTERCOM OUTLET
$LV	LOW VOLTAGE SWITCH		FLOOR MOUNTED DATA OUTLET
$V	SPEAKER VOLUME CONTROL SWITCH		FLOOR MOUNTED TELEPHONE OUTLET
$PL	SWITCH WITH PILOT		SPEAKER (CEILING MOUNTED)
	PANELBOARD	M	MICROPHONE OUTLET
	CONDUIT AND HOMERUN TO PANELBOARD		TELEVISION OUTLET COORDINATE MTG
	GROUND	FACP	FIRE ALARM CONTROL PANEL
	MOTOR	FAAP	FIRE ALARM ANNUNCIATION PANEL
	DISCONNECT SWITCH	GEN	GENERATOR ANNUNCIATION PANEL
	COMBINATION STARTER/SAFETY SWITCH	EPO	EMERGENCY POWER OFF
$M	MANUAL MOTOR STARTER	MTG	MOUNTING
J	JUNCTION BOX	WP	WEATHERPROOF
N	NURSE CALL PATIENT STATION	AFF	ABOVE FINISHED FLOOR
NE	NURSE CALL EMERGENCY STATION	C	CONDUIT
ND	NURSE CALL DUTY STATION	G	GROUND
NM	NURSE CALL MASTER	IG	ISOLATED GROUND
NS	NURSE CALL STAFF STATION	PNLBD	PANELBOARD
NL	NURSE CALL LOCATOR STATION	a, b, c,	LOWER CASE LETTERS INDICATE SWITCH
CB	NURSE CALL CODE BLUE	TC	TIME CLOCK
	NURSE CALL DOME LIGHT	PE	PHOTOCELL ELECTRIC
NCCP	NURSE CALL CONTROL PANEL	M	GROUND FAULT METERING
OS	OCCUPANCY CEILING SENSOR		ENCLOSED CIRCUIT BREAKER
OS	OCCUPANCY WALL MOUNTED SENSOR	PP	AUTODOOR PUSH PAD
ES	ELECTRIC STRIKE	HO	FIRE ALARM DOOR HOLD OPENING
KP	KEY PAD		CONNECT TO EXISTING

NOTE: ALL SYMBOLS ARE NOT NECESSARILY USED ON THESE DRAWINGS. REFER TO THE ARCHITECTS DRAWINGS FOR ADDITIONAL SYMBOLS.

GENERAL DEMOLITION NOTES:

1. THE PLANS DO NOT SHOW ALL THE EQUIPMENT WHICH IS TO BE DEMOLISHED.
2. REMOVE ANY ABANDONED RACEWAY, DATA AND COMMUNICATION WIRING BACK TO ITS SOURCE, LOCATED WITHIN SCOPE OF WORK AREA.
3. MAINTAIN/RESTORE ANY EXISTING CIRCUITS SERVING DEVICES WHICH MAY BE ON THE SAME CIRCUIT AS DEVICES INDICATED TO BE REMOVED.
4. EXISTING EQUIPMENT SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR. COORDINATE WITH THE VA FOR ANY ITEMS THAT THEY WISH TO RETAIN FOR THE VA'S USE.
5. CONTRACTOR SHALL SURVEY THE EXISTING CONDITIONS AND COORDINATE WITH REQUIREMENTS INDICATED TO DETERMINE EXTENT OF SELECTIVE DEMOLITION REQUIRED.

GENERAL NOTES:

1. PRIOR TO ROUGH IN, COORDINATE THE INSTALLATION OF EQUIPMENT WITH THE MANUFACTURES' INSTALLATION AND MAINTENANCE REQUIREMENTS.
2. ALL RACEWAYS AND CABLES ARE TO CONTAIN A GREEN INSULATED COPPER GROUNDING CONDUCTOR.
3. RACEWAYS ARE 2#12,#12G;3/4"C UNLESS OTHERWISE NOTED. HACHURES OR CALLOUT INDICATE NUMBER OF CIRCUIT CONDUCTORS, INCLUDING NEUTRALS, WHEN MORE THAN TWO CIRCUIT CONDUCTORS ARE REQUIRED.
4. MULTIWIRE CIRCUITS SHALL NOT BE SUBSTITUTED FOR SINGLE CIRCUITS. A SEPARATE NEUTRAL SHALL BE RUN FOR EACH CIRCUIT.
5. 20A, 120V HOMERUNS BETWEEN 75 FEET AND 150 FEET IN LENGTH ARE TO BE #10 CONDUCTORS. 20A, 120V HOMERUNS BETWEEN 150 FEET AND 250 FEET IN LENGTH ARE TO BE #8 CONDUCTORS. SIMILAR FOR 277V, 480V TO COMPLY WITH NEC.
6. CONDUCTOR DERATING FOR TEMPERATURE SHALL BE APPLIED PER N.E.C. 310-15.
7. IF CIRCUITS SHOWN ARE NOT AVAILABLE FOR USE, USE NEXT AVAILABLE SPARE OR SPACE STARTING AT CIRCUIT 42 AND WORKING BACKWARDS. PROVIDE AS-BUILT DOCUMENTATION.
8. CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL EXISTING CONDITIONS TO DETERMINE THE EXTENT OF DEMOLITION REQUIRED TO FACILITATE NEW CONSTRUCTION AND INCLUDE ALL SUCH WORK IN HIS BID. NO ADDITIONAL FUNDS WILL BE AUTHORIZED FOR ANY EXTRA WORK OR MATERIAL NECESSARY DUE TO THE FAILURE OF THE CONTRACTOR TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS OR FOR LACK OF COORDINATION BETWEEN TRADES.
9. CONTRACTOR SHALL VISIT SITE TO VERIFY IF EXISTING CONDITIONS ARE SHOWN ACCURATELY, NOTIFY ENGINEER OF ANY DEVIATIONS
10. PROVIDE HACR TYPE CIRCUIT BREAKERS FOR HVAC, KITCHEN EQUIPMENT UTILIZING FREON AS REQUIRED BY NEC.
11. COORDINATE ALL OUTAGES WITH THE VA STAFF AND COTR PRIOR TO SHUTTING DOWN ANY EXISTING SERVICES. ALL WORK SHALL BE DONE IN A MANNER THAT WILL LIMIT THE AMOUNT OF DOWNTIME.

LUMINAIRE SCHEDULE

CALLOUT	LAMP	DESCRIPTION	BALLAST	MOUNTING	MODEL
A	(2) 32W T8	PENDENT MOUNTED FLUORESCENT WRAPAROUND WITH ACRYLIC LENS AND ELECTRONIC BALLAST	ELECTRONIC	PENDANT	LITHONIA 2LB-2-32-MVOLT-GEB10IS SQ (LENGTH AS REQUIRED)
B	(2) 32W T8	PENDENT MOUNTED FLUORESCENT WRAPAROUND WITH ACRYLIC LENS AND ELECTRONIC BALLAST	ELECTRONIC	SURFACE	LITHONIA 2LB-2-32-MVOLT-GEB10IS

100% CONSTRUCTION ISSUE

Revisions	Date

FRATKO ENGINEERING INC
2201 N Collins, Suite 295
Arlington, Texas 76011-2698
(817) 461-2337 Fax: (817) 461-1025
F-1166
MECHANICAL - ELECTRICAL - PLUMBING
FEI Project No.: 11019.01

MPI Architects
Architecture ■ Planning ■ Interior Design
4949 Addison Circle ■ Addison, Texas 75001
MPI Project No.: 6110402

Seal: STATE OF TEXAS — MARK S. FRATTO — 60977 — REGISTERED PROFESSIONAL ENGINEER — 10-27-2014

Seal

Drawing Title: ELECTRICAL GENERAL NOTES & SCHEDULES

Approved: Area Project Manager

Project Title: V.A. BONHAM, TX BUILDING 2 ELECTRICAL UPGRADES

Location: 1201 East Ninth Street Bonham, Texas 75418

Building Number: 2 | Checked: SLT | Drawn: JRH

Date: 10/27/14

Project No.: 549A4-11-102

Drawing No.: E001

Dwg. of

VA NORTH TEXAS HEALTH CARE SYSTEM

VANTHCS Dallas, Texas

Computer Filename:

VA FORM 08-6231A, JAN 1990