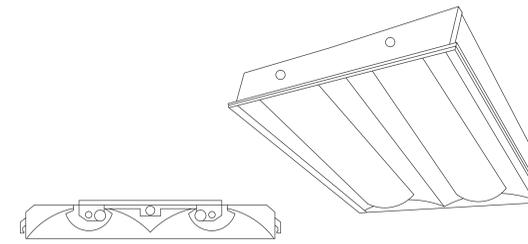


FITURE SCHEDULE (1)														
FITURE				LAMPS									DESCRIPTION (2)	NOTES
MARK	PROJECT DETAIL NO.	MTG.	MTG. HT.	VOLT.	VOLT. AMPS.	TYPE	NO.	WATTS	MIN. LUMENS	COLOR TEMP.	MIN. CRI			
A1	1	REC	9'-4"	120/277	72	F32T8	2	32	3100	3500	85	2 X 4 2-LAMP DIRECT-INDIRECT FLUORESCENT W/ FROSTED ACRYLIC PROFILE LENS, FOR GRID MTG.	(3)	
B1	2	REC	9'-4"	120/277	37	F17T8	2	17	1500	3500	85	2 X 2 2-LAMP FLUORESCENT W/ PRISMATIC LENS, FOR GRID MTG.	(3)	

- KEYED NOTES:** (THIS SHEET ONLY)
- (1) ALL FITURE DIMENSIONS ARE NOMINAL.
  - (2) ALL BALLASTS FOR FLUORESCENT LAMPS SHALL BE NEMA PREMIUM ELECTRONIC TYPE.
  - (3) PROVIDE (1) TWO-LAMP BALLASTS WITH 1:18 B.F. IN EACH LUMINAIRE.



**RECESSED 2-LAMP DIRECT-INDIRECT LUMINAIRE:** FOR LAY-IN GRID MOUNTING WITH CLEAR PRISMATIC LENS PANEL. NOMINAL 2' X 4' IN SIZE AND APPROXIMATELY 3-1/4 INCHES DEEP.

**HOUSING:** DIE FORMED CODE GAUGE COLD ROLLED STEEL. APPROPRIATE HARDWARE FOR A MINIMUM OF (4) POINTS OF SUPPORT IN APPLICABLE CEILING SYSTEM. WIRING AND BALLAST ACCESSIBLE FROM BELOW; SUPPORT CLIPS PROVIDED FOR WIRING; SEPARATE CAPTIVE NON-TURNING STUD FOR FITURE GROUNDING.

**REFLECTOR:** HIGH REFLECTANCE BAKED MATTE WHITE ENAMEL FINISH.

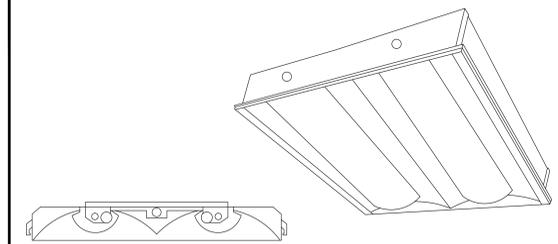
**SHIELDING:** POSITIVELY RETAINED FROSTED ACRYLIC PROFILE LENSES.

**FINISHES:** DURABLE COLD ROLLED STEEL WITH MULTISTAGE, IRON PHOSPHATE PRETREATMENT AND WHITE ENAMEL FINISH TO ENSURE MAXIMUM BONDING AND RUST INHIBITION.

**LAMPS:** T8 FLUORESCENT LAMPS AS SPECIFIED.

**BALLAST:** TWO-LAMP, HPF, ELECTRONIC TYPE AS SPECIFIED.

(1) FITURE TYPE 'A1' DETAIL  
NOT TO SCALE



**RECESSED 2-LAMP DIRECT-INDIRECT LUMINAIRE:** FOR LAY-IN GRID MOUNTING WITH CLEAR PRISMATIC LENS PANEL. NOMINAL 2' X 2' IN SIZE AND APPROXIMATELY 3-1/4 INCHES DEEP.

**HOUSING:** DIE FORMED CODE GAUGE COLD ROLLED STEEL. APPROPRIATE HARDWARE FOR A MINIMUM OF (4) POINTS OF SUPPORT IN APPLICABLE CEILING SYSTEM. WIRING AND BALLAST ACCESSIBLE FROM BELOW; SUPPORT CLIPS PROVIDED FOR WIRING; SEPARATE CAPTIVE NON-TURNING STUD FOR FITURE GROUNDING.

**REFLECTOR:** HIGH REFLECTANCE BAKED MATTE WHITE ENAMEL FINISH.

**SHIELDING:** POSITIVELY RETAINED FROSTED ACRYLIC PROFILE LENSES.

**FINISHES:** DURABLE COLD ROLLED STEEL WITH MULTISTAGE, IRON PHOSPHATE PRETREATMENT AND WHITE ENAMEL FINISH TO ENSURE MAXIMUM BONDING AND RUST INHIBITION.

**LAMPS:** T8 FLUORESCENT LAMPS AS SPECIFIED.

**BALLAST:** TWO-LAMP, HPF, ELECTRONIC DIMMING TYPE AS SPECIFIED.

(2) FITURE TYPE 'B1' DETAIL  
NOT TO SCALE

# ELECTRICAL GENERAL NOTES & DEMOLITION NOTES

## GENERAL ELECTRICAL NOTES: (APPLY TO ALL EL SERIES SHEETS OF ELECTRICAL DRAWINGS)

- G1 FINAL LOCATIONS AND ARRANGEMENTS OF ALL LIGHTING FIXTURES AND CEILING TYPES SHALL BE OBTAINED FROM THE ARCHITECTURAL REFLECTED CEILING PLANS AND ARCHITECTURAL SCHEDULES, SECTIONS AND DETAILS.
- G2 EXTEND EXISTING CIRCUIT WIRING TO NEW LIGHT FIXTURES WHERE NEEDED. EXISTING CIRCUITS SHALL BE EXTENDED FROM NEAREST CONNECTION NODE (REFER TO DEMOLITION NOTES 2.0 AND 2.1) TO NEW LIGHT FIXTURE WITH NEW CONDUIT AND WIRES. CONTRACTOR SHALL INSTALL NEW WIRING AS SPECIFIED IN DIVISION 26 OF PROJECT SPECIFICATIONS.
- G3 EXISTING EXIT SIGNS ARE TO BE REINSTALLED AT SAME LOCATION OR AS DIRECTED BY COR. IF DIRECTED BY COR FOR NEW EXIT LIGHTS REPLACING OLD EXIT LIGHTS IN SAME LOCATION, CONNECT NEW EXIT LIGHT TO EXISTING CIRCUIT WIRING. FOR NEW EXIT LIGHTS REPLACING OLD EXIT LIGHTS, BUT RELOCATED TO A NEW LOCATION, EXTEND EXISTING CIRCUIT WIRING TO NEW LOCATION AND CONNECT TO NEW EXIT LIGHT AS REQUIRED. CONTRACTOR SHALL INSTALL NEW WIRING AS SPECIFIED IN DIVISION 26 OF PROJECT SPECIFICATIONS.
- G4 FINAL CONNECTION TO RECESSED FLUORESCENT FITURE SHALL BE WITH 1/2" FLEXIBLE CONDUIT WITH NUMBER OF CONDUCTORS AS FOLLOWS:  
A. FITURES WITH NON-DIMMED BALLAST - 2 #12 (0,N), & 1 #12 GND.  
B. FITURES WITH DIMMING BALLASTS - 3 #12 (CONTROL, CONTROL,N) & 1 #12 GND.
- G5 PROVIDE NEW DIMMING SWITCHES AT NURSE'S STATIONS. VERIFY WITH COR.
- G6 ALL EQUIPMENT AND MATERIAS ARE EXISTING UNLESS INDICATED AS NEW ON ARCHITECTURAL DRAWINGS.
- G7 MINIMUM BENDING RADIUS OF CURRENT CARRYING CONDUCTOR SHALL NOT BE LESS THAN MANUFACTURER'S RECOMMENDATIONS, 1PCEA 5-66-524 AND NEMA WG-7.
- G8 THE CONTRACTOR SHALL COORDINATE ALL CONDUIT ROUTING AND LIGHT FITURE LOCATIONS WITH HVAC, PLUMBING AND SPRINKLER CONTRACTORS TO AVOID CONFLICTS WITH DIFFUSERS, LIGHT FIXTURES, PIPING, SPRINKLER HEADS, ETC.
- G9 CONDUCTORS FOR 120 VOLT BRANCH CIRCUITS OF MORE THAN 50 FEET IN LENGTH SHALL BE A MINIMUM OF NO. 10 AWG. CONDUCTORS FOR 277 VOLT BRANCH CIRCUITS OF MORE THAN 115 FEET IN LENGTH SHALL BE A MINIMUM OF NO. 10 AWG. CONDUCTORS FOR 277 VOLT BRANCH CIRCUITS SERVING EMERGENCY EGRESS LIGHTING AND EXIT LIGHT FITURE SHALL BE A MINIMUM OF NO. 10 AWG.
- G10 FIRE ALARM SYSTEM. REFER TO FIRE ALARM PROTECTION DRAWINGS (XX-FPX-XX SERIES) FOR FIRE ALARM SYSTEM.

## ELECTRICAL DEMOLITION NOTES:

- 1.0 THE CONTRACTOR SHALL VERIFY LOCATION AND QUANTITY OF ITEMS TO BE REMOVED. AS NO ALLOWANCE WILL BE MADE BECAUSE OF THE CONTRACTOR'S UNFAMILIARITY WITH THE ITEMS.
- 2.0 CIRCUIT WIRING CONNECTED TO EXISTING LIGHT FIXTURES AND EXIT LIGHTS BEING REMOVED SHALL REMAIN AND BE REUSED FOR RECONNECTION TO NEW FIXTURES AND EXIT LIGHTS.
- 2.1 WIRES OF UNUSED EXISTING LIGHT CIRCUITS THAT REMAIN AFTER DEMOLITION SHALL BE CAPPED AND MARKED WITH PANEL AND CIRCUIT NUMBER AT NEAREST CONNECTION NODE. CAPPED WIRES SHALL BE LEFT PROTECTED WITHIN A J-BOX OR OTHER ENCLOSURE.
- 3.0 ELECTRICAL CIRCUITS WITH A PORTION OF THE LOAD REMOVED SHALL REMAIN ACTIVE AND OPERATIONAL.
- 4.0 HOLES AND DAMAGED AREAS CAUSED BY REMOVAL OF ANY OF THE ABOVE ITEMS AND WHICH ARE NOT CONCEALED BY NEW CONSTRUCTION SHALL BE REPAIRED TO MATCH EXISTING SURFACES. IN ADDITION, OPENINGS CREATED BY THE REMOVAL OF THESE ITEMS THROUGH FIRE RESISTANCE RATED WALLS SHALL BE FIRE STOPPED.

**NOTE:**  
THE RESIDENT ENGINEER MUST BE NOTIFIED 24 HOURS IN ADVANCE OF ANY COMPROMISE IN THE FIRE SUPPRESSION OR SMOKE DETECTION SYSTEMS. A COPY OF THE INTERIM LIFE SAFETY CODE MEASURES MUST BE OBTAINED AND FOLLOWED DURING CONSTRUCTION.

Revisions	Date	<p>Approved: Service Chief</p> <p>Concur M &amp; O</p> <p>Concur Bio-Med</p> <p>Concur Safety</p> <p>Approved: Service Chief</p>	<p>Approved: Service Chief</p> <p>Approved: Service Chief</p> <p>Approved: Service Chief</p> <p>Approved: Admin. Officer</p>	<p>Drawing Title</p> <p><b>ELECT. GENERAL NOTES &amp; LIGHTING DETAILS</b></p> <p>Approved: Chief of Engineering</p> <p>Approved: Associate Director</p>	<p>Project Title</p> <p><b>SPINAL CORD INJURY UNIT CORRIDORS RENOVATION</b></p> <p>Building Number 1</p> <p>Checked RM</p> <p>Drawn NS</p> <p>Location <b>AUDIE L. MURPHY MEMORIAL VETERANS HOSPITAL - SAN ANTONIO, TEXAS</b></p>	<p>Date</p> <p><b>04-04-2013</b></p> <p>Project No.</p> <p><b>671-13-105</b></p> <p>DRAWING NO.</p> <p><b>E1</b></p>		