

SWITCHED EMERGENCY LIGHT FIXTURE

GENERAL NOTES:

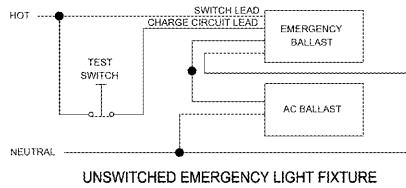
- LAMP LEADS NOT SHOWN. CONTRACTOR TO REFER TO BALLAST MANUFACTURER'S WIRING DIAGRAMS PRIOR TO ELECTRICAL INSTALLATION.
- CONTRACTOR TO TEST ALL EMERGENCY FIXTURES TO INSURE PROPER OPERATION.
- EMERGENCY BALLAST AND AC BALLAST MUST BE FED FROM SAME BRANCH CIRCUIT TO INSURE PROPER OPERATION.
- CHARGING LEADS FOR BATTERY BALLAST MUST BE CONNECTED AHEAD OF ALL LIGHTING CONTROLS (I.E. CONTACTORS, RELAYS, SWITCHES, OCCUPANCY SENSORS, ETC.)

SEQUENCE OF OPERATION:

DURING NORMAL AC OPERATION:
 FIXTURE OPERATES AS STANDARD SWITCHED FIXTURE. NO LAMPS ARE ILLUMINATED WHILE THE SWITCH IS IN THE 'OFF' POSITION. ALL LAMPS ARE ILLUMINATED WHEN THE SWITCH IS IN THE 'ON' POSITION. THE EMERGENCY BALLAST IS IN STANDBY/CHARGING MODE.

DURING AC POWER FAILURE:
 EMERGENCY BALLAST IMMEDIATELY SWITCHES TO EMERGENCY MODE, KEEPING TWO OR THREE LAMPS ILLUMINATED FOR A MINIMUM OF 90 MINUTES. REGARDLESS OF SWITCH POSITION. WHEN AC POWER IS RESTORED, THE EMERGENCY BALLAST AUTOMATICALLY RETURNS TO STANDBY/CHARGING MODE.

01 SWITCHED EMERGENCY FIXTURE DETAIL
 SCALE = NONE



UNSWITCHED EMERGENCY LIGHT FIXTURE

GENERAL NOTES:

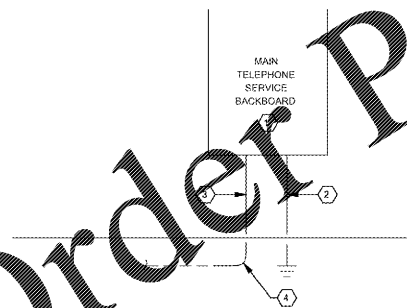
- LAMP LEADS NOT SHOWN. CONTRACTOR TO REFER TO BALLAST MANUFACTURER'S WIRING DIAGRAMS PRIOR TO ELECTRICAL INSTALLATION.
- CONTRACTOR TO TEST ALL EMERGENCY FIXTURES TO INSURE PROPER OPERATION.
- EMERGENCY BALLAST AND AC BALLAST MUST BE FED FROM SAME BRANCH CIRCUIT TO INSURE PROPER OPERATION.

SEQUENCE OF OPERATION:

DURING NORMAL AC OPERATION:
 FIXTURE OPERATES AS CONTINUOUSLY ON AC POWER. ALL LAMPS ARE ILLUMINATED AT ALL TIMES. THE EMERGENCY BALLAST IS IN STANDBY/CHARGING MODE.

DURING AC POWER FAILURE:
 EMERGENCY BALLAST IMMEDIATELY SWITCHES TO EMERGENCY MODE, KEEPING TWO OR THREE LAMPS ILLUMINATED FOR A MINIMUM OF 90 MINUTES. WHEN AC POWER IS RESTORED, THE EMERGENCY BALLAST AUTOMATICALLY RETURNS TO STANDBY/CHARGING MODE.

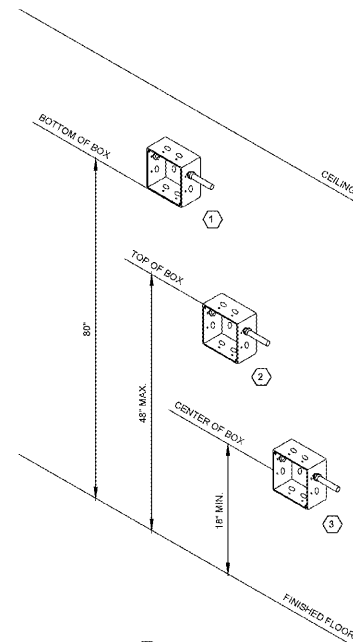
02 UNSWITCHED EMERGENCY FIXTURE DETAIL
 SCALE = NONE



TELEPHONE KEYED NOTES:

- 4"x8"x3/4" FIRE RATED PLYWOOD BACKBOARD PAINTED TO MATCH WALLS
- #6 CU TO MAIN BUILDING GROUND. CONTRACTOR TO LEAVE 6" OF WIRE AT THE BACKBOARD
- (2) 4" SCHEDULE 40 PVC CONDUITS WITH PULL STRINGS UNDERGROUND TO TELEPHONE COMPANY POINT OF SERVICE AT PROPERTY LINE. CONDUIT, TRENCHING, AND BACKFILL BY CONTRACTOR PER TELEPHONE COMPANY SPECIFICATIONS/REQUIREMENTS. REFER TO SITE PLAN FOR MORE INFORMATION.
- LONG-SWEEP RADIUS ELBOWS.

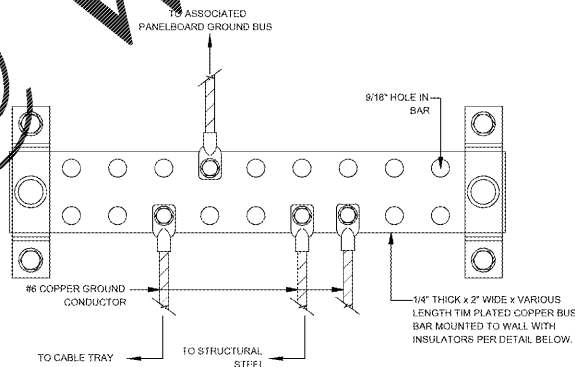
03 TELEPHONE SERVICE DETAIL
 SCALE = NONE



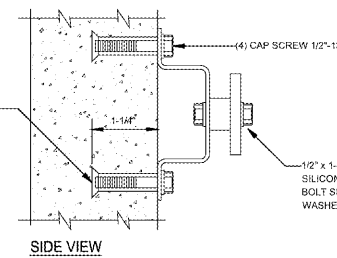
TELEPHONE KEYED NOTES:

- MOUNT 80" TO BOTTOM OF JUNCTION BOX FOR FIRE ALARM HORN, STROBE LIGHTS AND COMBINATION HORN & STROBE.
- MOUNT 48" TO TOP OF JUNCTION BOX FOR SWITCHES, FIRE ALARM STATIONS AND OTHER CONTROLS (THERMOSTATS, ETC.)
- MOUNT 18" TO CENTER OF JUNCTION BOX FOR RECEPTACLES (ALL TYPES EXCEPT COUNTER TOP MOUNTED), COMPUTER OUTLETS AND TELEPHONE OUTLETS.

04 ADA REQUIREMENTS DETAIL
 SCALE = NONE



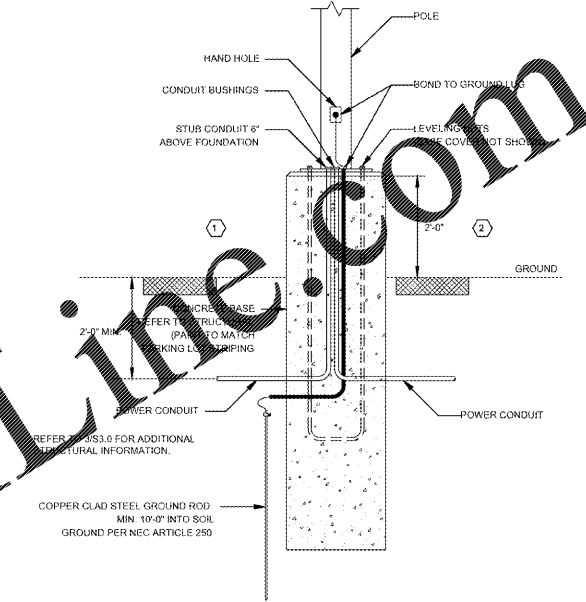
FRONT VIEW



NOTES:

- BUS BAR ASSEMBLY SHALL BE EQUAL TO ERICO TGB SERIES
- BOND PANELBOARD WHICH SERVICES EQUIPMENT WITHIN ROOM GROUND BUS IS LOCATED.

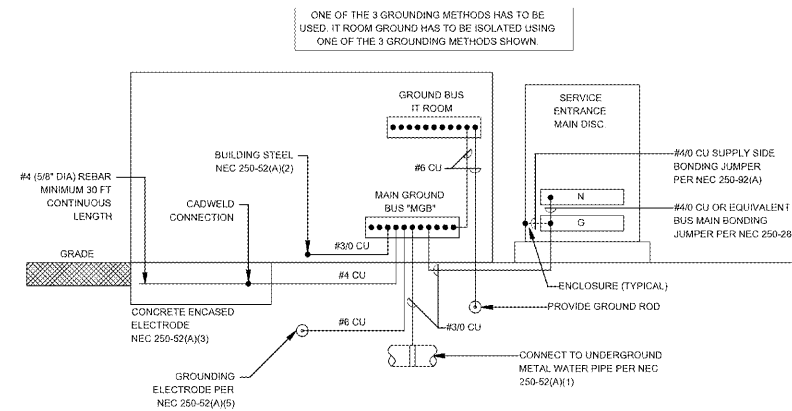
05 TYPICAL GROUND BAR INSTALLATION DETAIL
 SCALE = NONE



KEYED NOTES:

- VERIFY ALL STRUCTURAL ELEMENTS WITH LICENSED STRUCTURAL ENGINEER PRIOR TO INSTALLATION.
- TOP OF CONCRETE TO BE 2'-0" ABOVE FINISH GRADE IN ANY AND ALL LANDSCAPED AND GRASS AREAS.

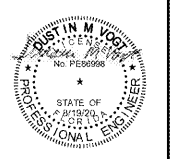
06 TYPICAL POLE BASE DETAIL
 SCALE = NONE



07 MAIN SERVICE ENTRANCE GROUNDING DIAGRAM
 SCALE = NONE

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Order Plans @

NO.	DATE	BY	DESCRIPTION	REVISIONS

ELECTRICAL DETAILS
 CALIBER COLLISION
 2300 GRIFIN RD
 LAKELAND, FL
 PROJECT NO. 202002

FILE NAME: 192006
 DRAWN BY: SZK
 DATE: 08/19/2020
 REVIEWED BY: DMV

E5.1