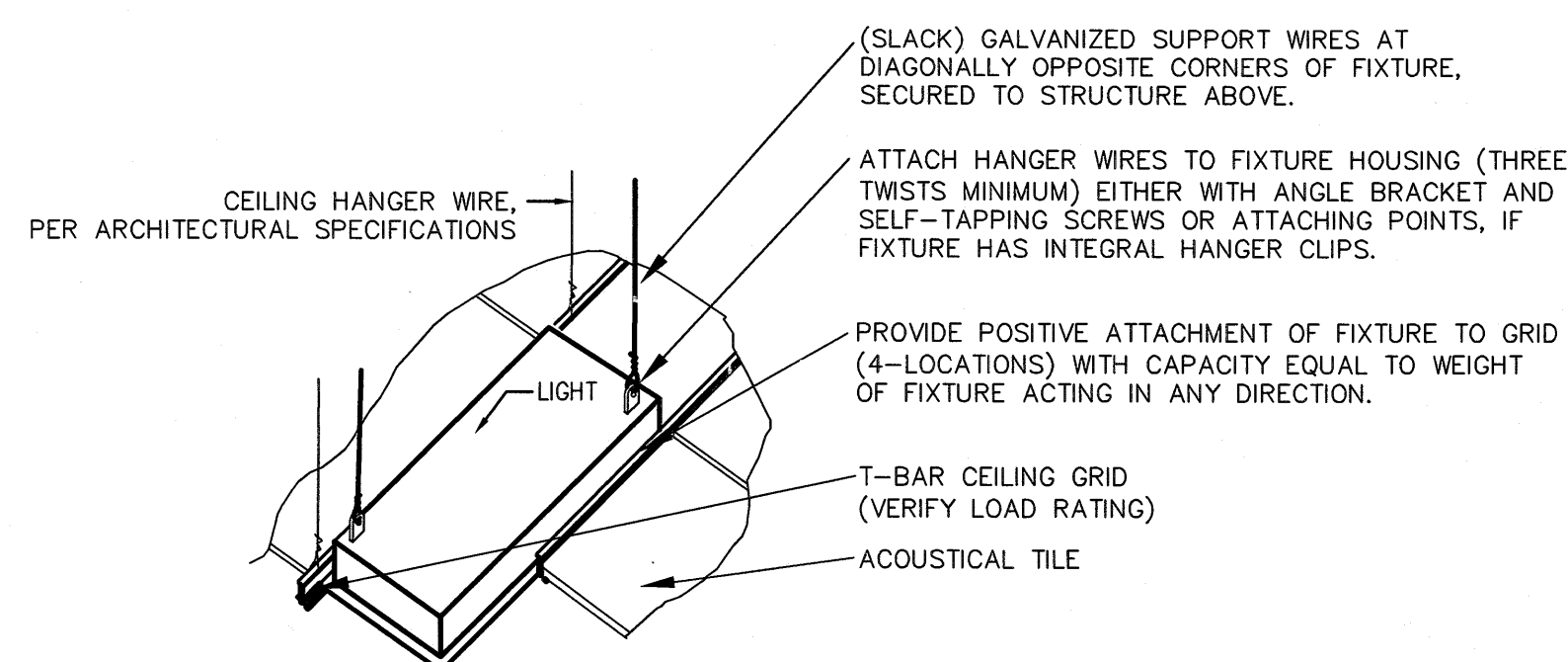


ILLUSTRATION:
FOR WEIGHT LESS THAN
56 LBS. ONLY. HEAVY
DUTY GRID - SEE NOTES.



FIXTURE SUPPORT SYSTEM NOTES:

1. FIXTURE SHALL BE ATTACHED TO THE CEILING T-GRID RUNNERS WITH HOLD-DOWN CLIPS SUITABLE TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURE.
2. ALL RECESSED LIGHT FIXTURES WEIGHING LESS THAN 56 POUNDS INSTALLED IN A HEAVY DUTY GRID SYSTEM ARE PERMITTED TO BE SUPPORTED DIRECTLY FROM THE GRID RUNNERS AND SHALL HAVE A MINIMUM OF TWO (2) #12 GAUGE (SLACK) WIRES ATTACHED AT DIAGONALLY OPPOSITE CORNERS OF THE FIXTURE AND ATTACHED TO THE STRUCTURE ABOVE.
3. ALL RECESSED LIGHT FIXTURES INSTALLED IN AN INTERMEDIATE DUTY GRID SYSTEM MUST BE INDEPENDENTLY SUPPORTED BY A MINIMUM OF FOUR (4) #12 GAUGE (TAUNT) WIRES ATTACHED AT EACH CORNER OF THE FIXTURE AND ATTACHED TO THE STRUCTURE ABOVE.
4. ALL RECESSED LIGHT FIXTURES WEIGHING MORE THAN 56 POUNDS INSTALLED IN ANY CEILING GRID SYSTEM MUST BE INDEPENDENTLY SUPPORTED BY A MINIMUM OF FOUR (4) #12 GAUGE (TAUNT) WIRES ATTACHED AT EACH CORNER OF THE FIXTURE AND ATTACHED TO THE STRUCTURE ABOVE.
5. IN APPLICATIONS WHERE TAUNT FIXTURE SUPPORT WIRES ARE USED, THE WIRES INCLUDING THEIR ATTACHMENT POINTS, MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE FIXTURE.
6. REFER TO SEISMIC SPECIFICATIONS FOR ADDITIONAL INFORMATION.

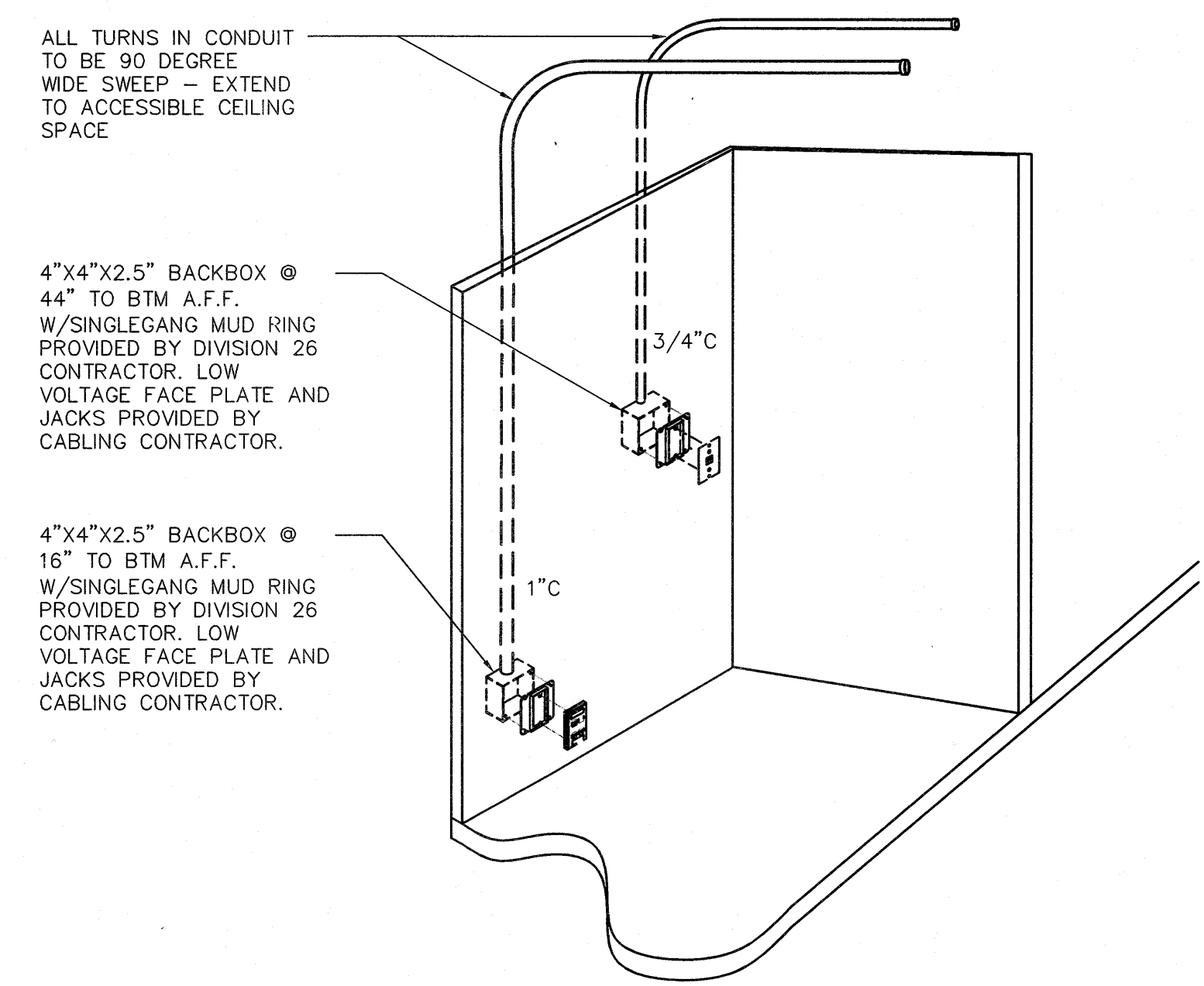
LAY-IN FIXTURE SEISMIC SUPPORT DETAIL

NO SCALE

ALL TURNS IN CONDUIT TO BE 90 DEGREE WIDE SWEEP - EXTEND TO ACCESSIBLE CEILING SPACE

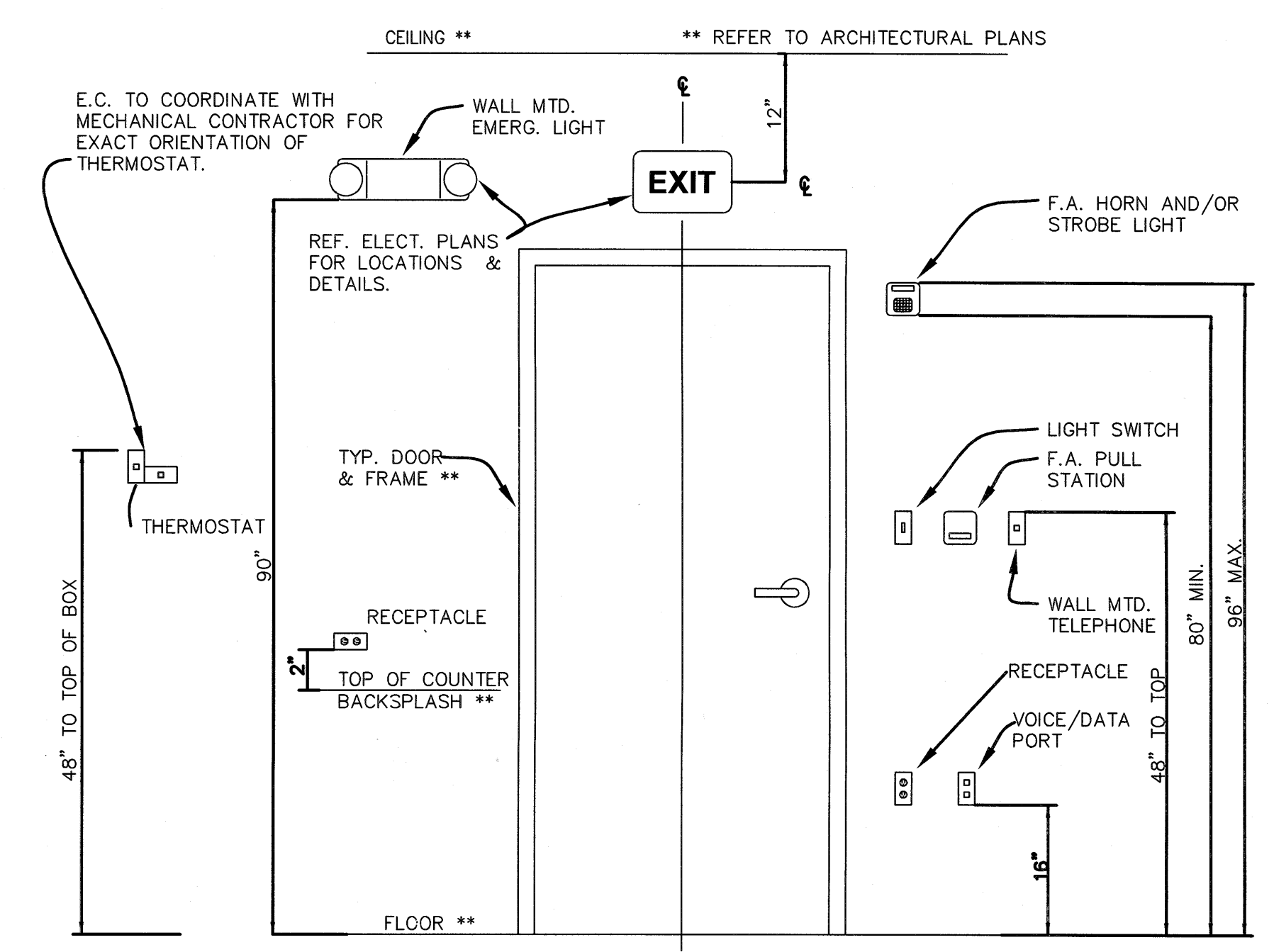
4"x4"x2.5" BACKBOX @ 44" TO BTM A.F.F. W/SINGLE GANG MUD RING PROVIDED BY DIVISION 26 CONTRACTOR. LOW VOLTAGE FACE PLATE AND JACKS PROVIDED BY CABLING CONTRACTOR.

4"x4"x2.5" BACKBOX @ 16" TO BTM A.F.F. W/SINGLE GANG MUD RING PROVIDED BY DIVISION 26 CONTRACTOR. LOW VOLTAGE FACE PLATE AND JACKS PROVIDED BY CABLING CONTRACTOR.



STANDARD COMMUNICATIONS RACEWAYS TO CEILING SPACE DETAIL

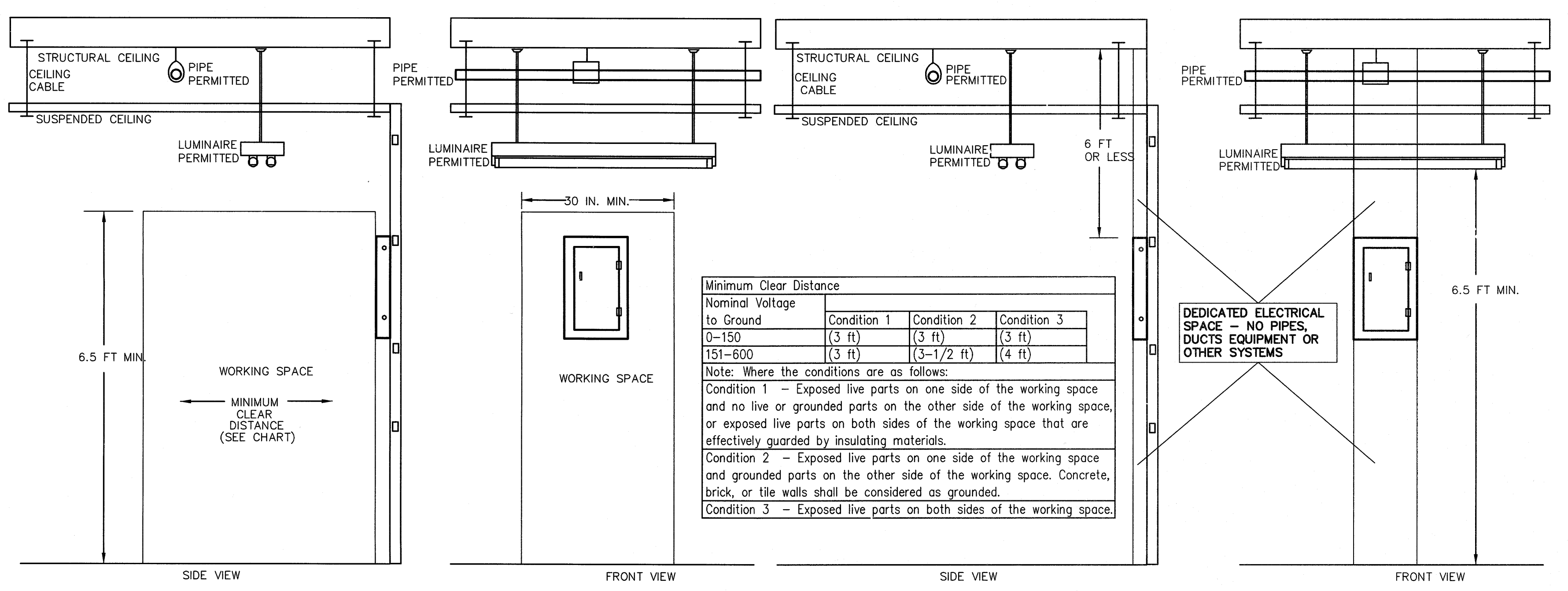
NO SCALE



NOTE:
ALL DIMENSIONS ARE TO BOTTOM OF ELECTRICAL BOX FOR DEVICE UNLESS OTHERWISE NOTED.

DEVICE MOUNTING HEIGHT DETAIL

NO SCALE

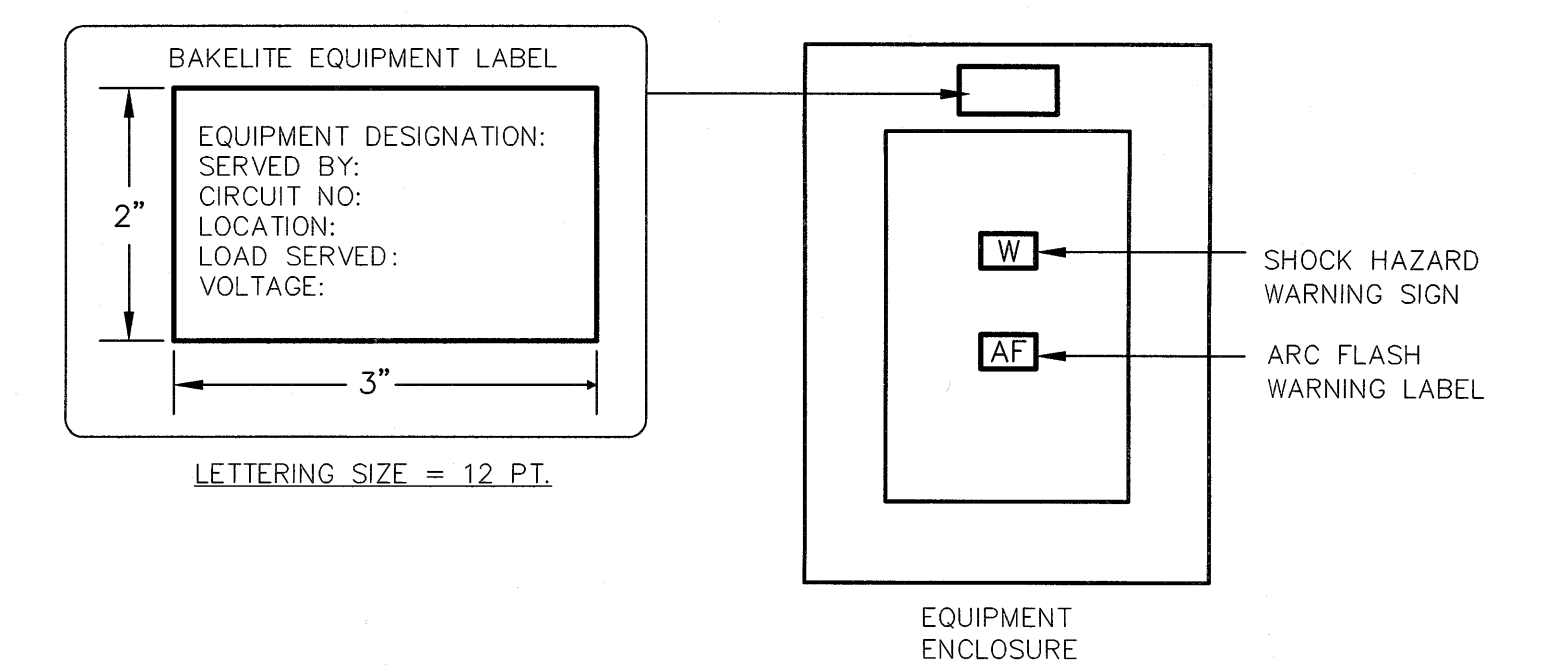


PANEL BOARD WORKING CLEARANCES

PANEL BOARD CONDUIT ACCESS SPACE

PANEL BOARD NEC CLEARANCES

NO SCALE



ELECTRICAL EQUIPMENT LABEL/IDENTIFICATION

NO SCALE

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castleberry megregor swinford ARCHITECTS
 BENTON GAS SYSTEM
 Project No. 10560

ELECTRICAL DETAILS

E-9
 of 13
 DATE 10/01/10