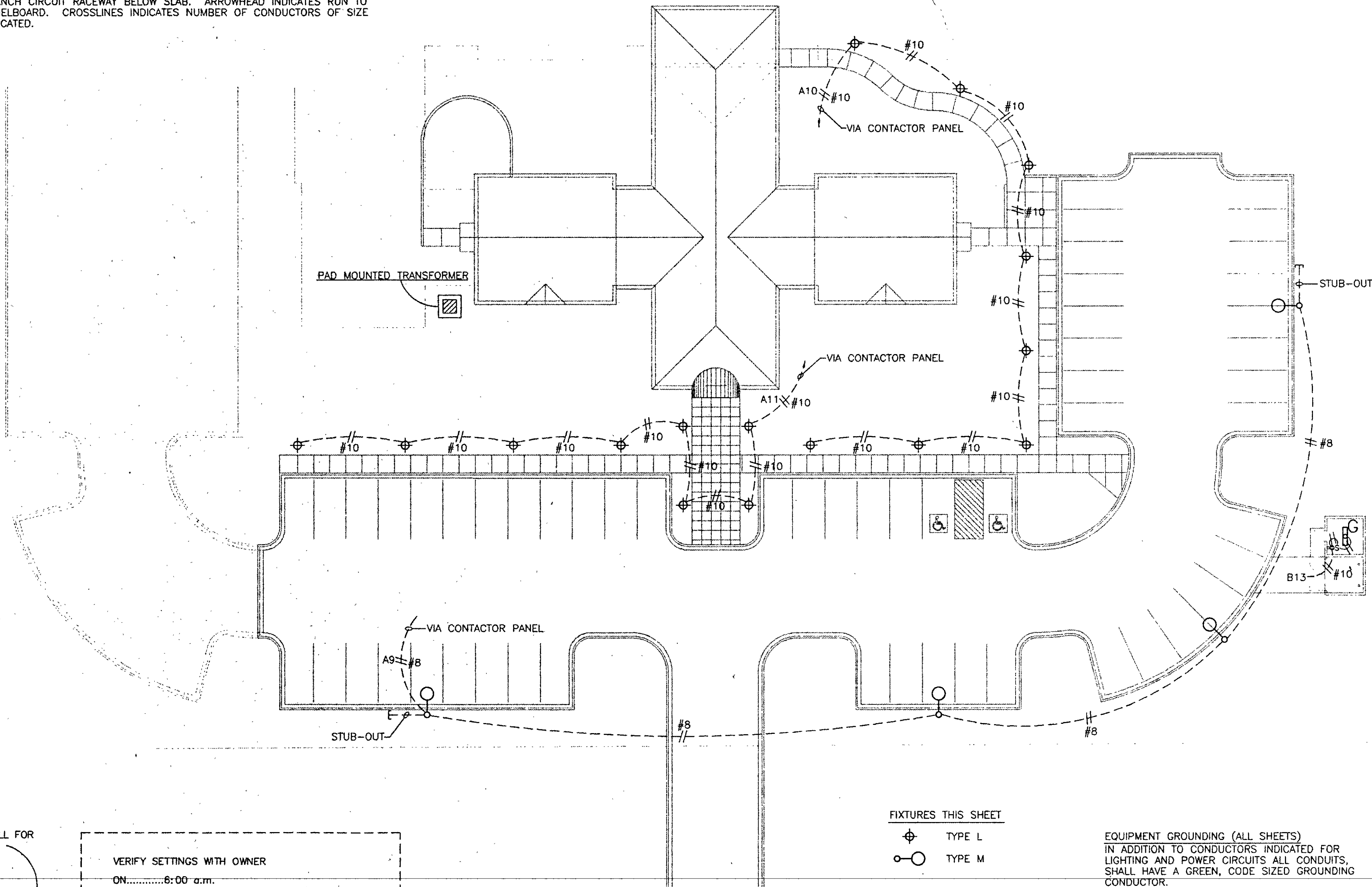
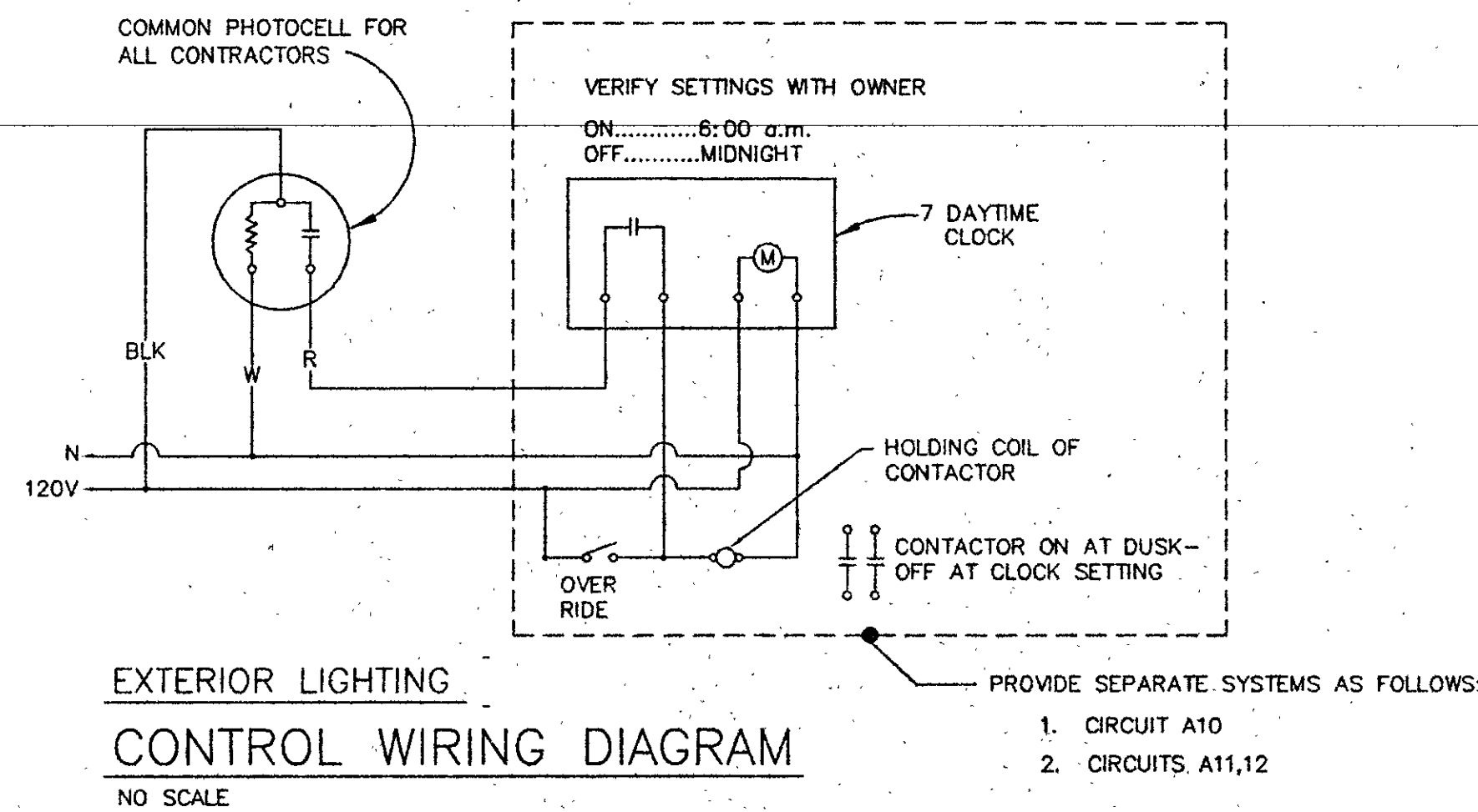
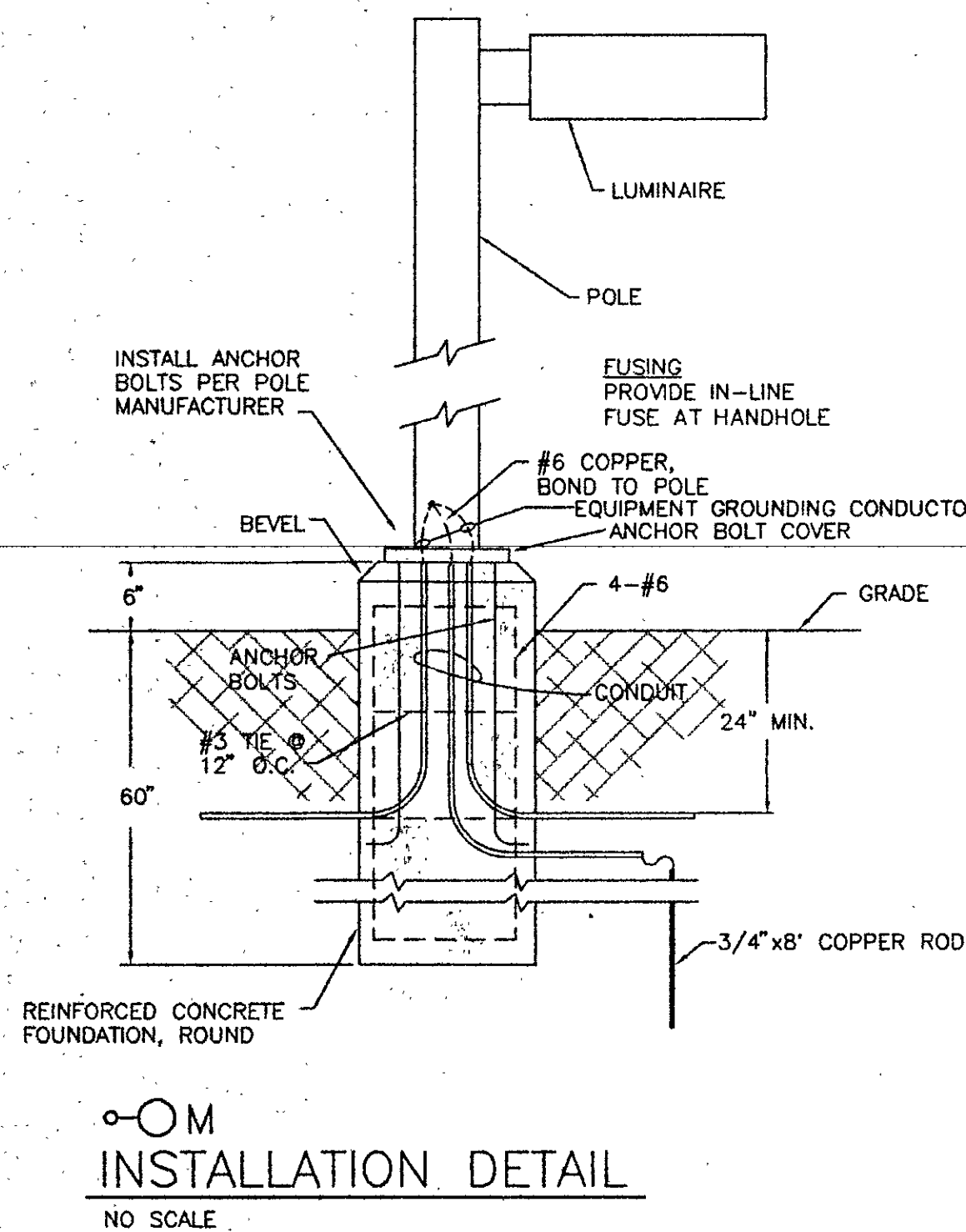
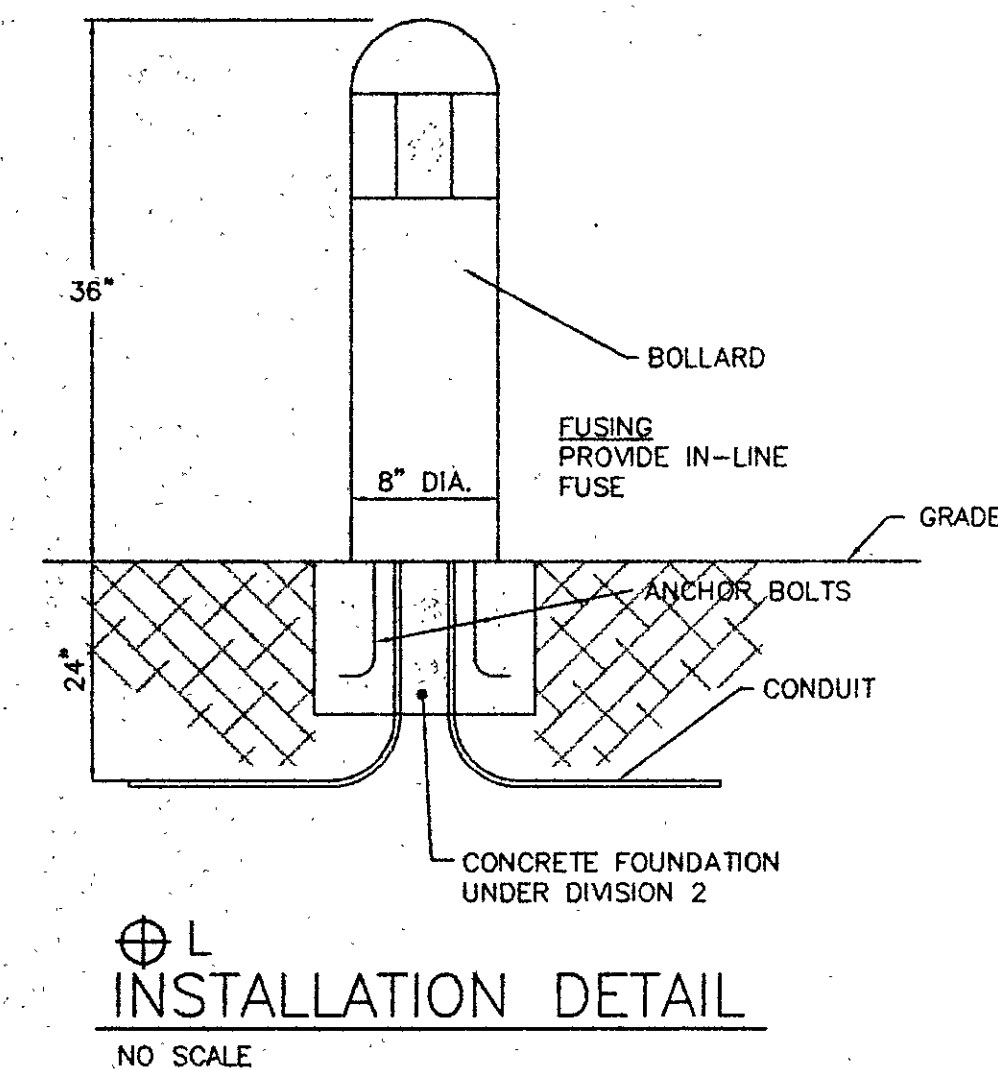


ELECTRICAL SYMBOLS

- ⊕ BOLLARD
- POLE AND LUMINAIRE
- CEILING MOUNTED FIXTURE
- WALL MOUNTED FIXTURE
- ROUND RECESSED FIXTURE
- ⊕ SEMI-FLUSH CEILING MOUNTED EXIT LIGHT
- CEILING MOUNTED FLUORESCENT FIXTURE
- FLUORESCENT FIXTURE
- RECESSED FLUORESCENT FIXTURE
- ▨ RECESSED FLUORESCENT FIXTURE UNSWITCHED FOR SECURITY LIGHTING.
- ⊕ SEMI-RECESSED WALL MOUNTED BATTERY LIGHT FIXTURE, APPROX 6" BELOW CEILING.
- S SINGLE POLE SWITCH, 48" UP, G.E. 5951-W; H&H 1991-W; P&S 20AC1-W; BRYANT 4901-W; HUBBELL 12210W; LEVITON 1221-W.
- S3 THREE WAY SWITCH, 48" UP, SAME SERIES AS SINGLE POLE
- S4 FOUR WAY SWITCH, 48" UP, SAME SERIES AS SINGLE POLE
- \$ WALL BOX SLIDER TYPE DIMMER, 48" UP
- PANELBOARD
- MOTOR
- DISCONNECT SWITCH
- ⊗ FAN SWITCH BY HVAC CONTRACTOR, INSTALL
- CEF EXHAUST FAN BY HVAC CONTRACTOR
- CU CONDENSING UNIT BY HVAC CONTRACTOR
- AH AIR HANDLER BY HVAC CONTRACTOR
- ⊕ FLOOR BOX: STEEL CITY 68D BOX, P60-DC-AL, CARPET PLATE, DUPLEX RECEPTACLE.

- DUPLEX RECEPTACLES:
20 AMP, G.E.; H&H; P&S; BRYANT; HUBBELL; LEVITON; EAGLE; 5000-W SERIES, COMMERCIAL GRADE.
- ⊕ 18" UP UNLESS OTHERWISE INDICATED
 - ⊕ ABOVE COUNTER
 - ⊕ 2 RECEPTACLES UNDER COMMON PLATE, 18" UP
- DUPLEX G.F.C.I. TYPE RECEPTACLE:
- ⊕ 18" UP
 - ⊕ ABOVE COUNTER
 - ⊕ WP 18" UP WITH WEATHERPROOF HINGED COVERPLATE.

- RACEWAYS
- #10 BRANCH CIRCUIT RACEWAY RUN CONCEALED IN WALLS OR ABOVE CEILING. ARROWHEAD DENOTES RUN TO PANELBOARD. CROSSLINES DENOTES NUMBER OF #12 CONDUCTORS. SUBSCRIPT DENOTES CIRCUIT NUMBER.
 - #10 BRANCH CIRCUIT RACEWAY RUN CONCEALED IN WALLS OR ABOVE CEILING. ARROWHEAD INDICATES RUN TO PANELBOARD. CROSSLINES INDICATES NUMBER OF CONDUCTORS OF SIZE INDICATED.
 - #10 BRANCH CIRCUIT RACEWAY BELOW SLAB. ARROWHEAD DENOTES RUN TO PANELBOARD. CROSSLINES DENOTES NUMBER OF #12 CONDUCTORS. SUBSCRIPT DENOTES CIRCUIT NUMBER.
 - #10 BRANCH CIRCUIT RACEWAY BELOW SLAB. ARROWHEAD INDICATES RUN TO PANELBOARD. CROSSLINES INDICATES NUMBER OF CONDUCTORS OF SIZE INDICATED.

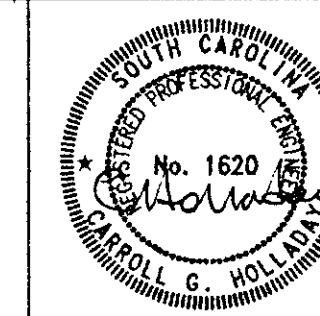
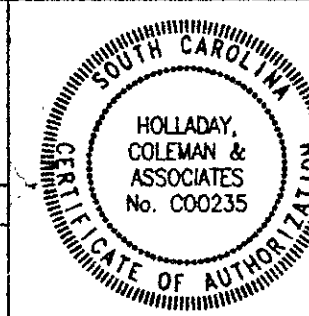


- FIXTURES THIS SHEET
- ⊕ TYPE L
 - TYPE M

EQUIPMENT GROUNDING (ALL SHEETS)
IN ADDITION TO CONDUCTORS INDICATED FOR LIGHTING AND POWER CIRCUITS ALL CONDUITS, SHALL HAVE A GREEN, CODE SIZED GROUNDING CONDUCTOR.

ELECTRICAL PLAN SCALE 1/8" = 20'-0"

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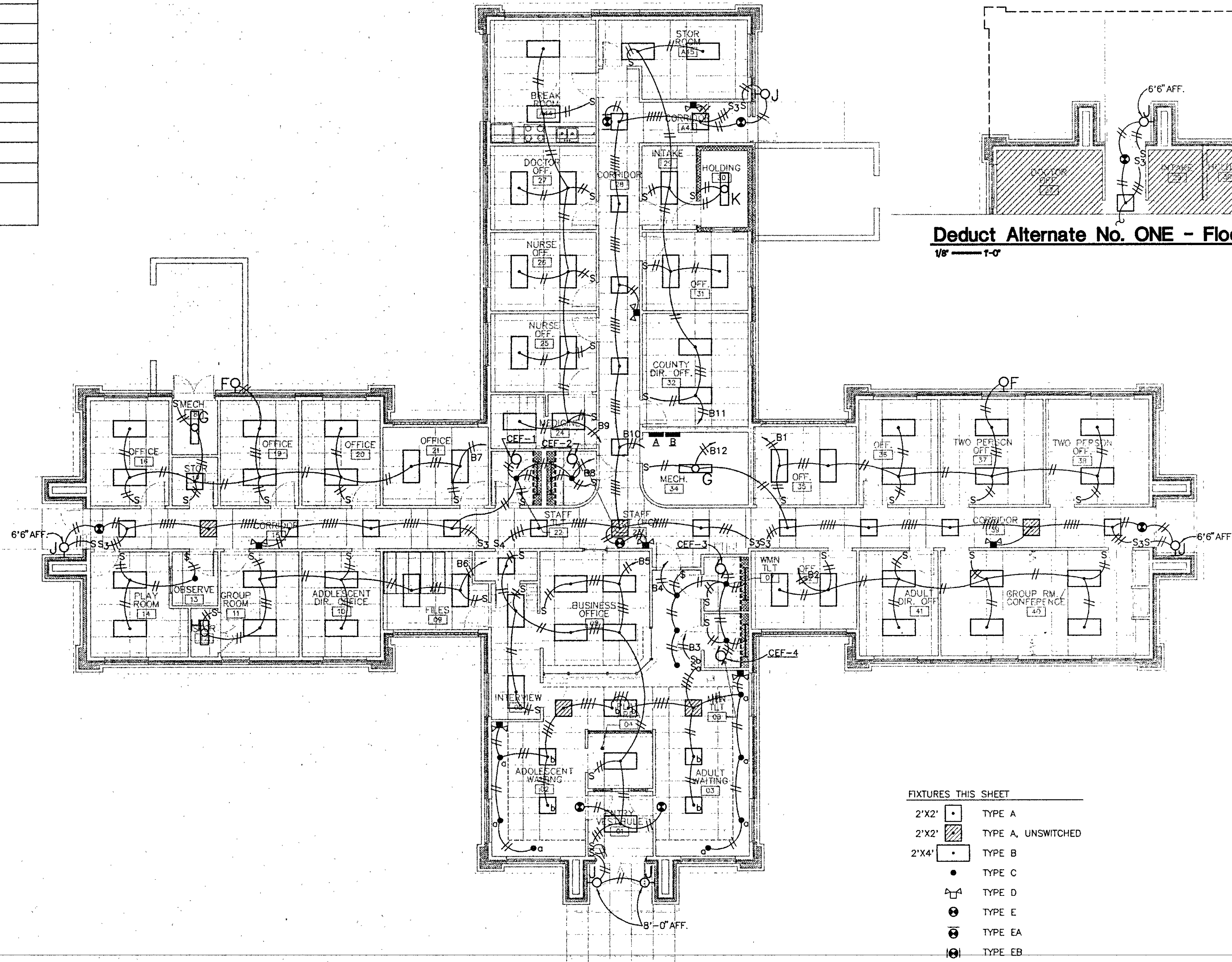


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of 6 Sheets

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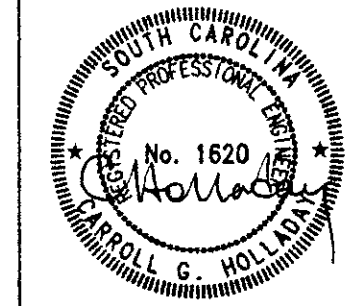
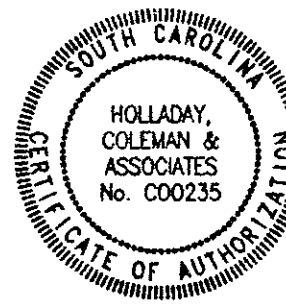
FIXTURE SCHEDULE		
SYMBOL	FIXTURE	LAMPS
A	DAY-BRITE #2UGS231U1-24-FL-EB	2-FB031U1
B	DAY-BRITE #2UGS332-39-FL-EB 1/3	3-F032
C	CAPRI #AE11X-T042	1-100A19
D	DUAL LITE EZ 2R	-
E	EMERGI-LITE #W-SNX-42-LED-42RC	-
EA	EMERGI-LITE #W-SNX-42-LED-42RC-ALAR	-
EB	EMERGI-LITE #W-SNX-43-LED-43-RCSA-ALAR	-
F	DAY-BRITE #WLM17 MH-PE	1-175W MH
G	DAY-BRITE #T232-WG-EB	2-F032
H	DAY-BRITE #WB217-CP	2-F017
I	DAY-BRITE #TT225-EB	4-F025T8
J	LIGHTOLIFE 3625 VH	1-100W
K	DAY-BRITE #SLW-232	2-F032
L	GARDCO #BMR800-36-100MH-WP-208V	1-100MH
M	GARDCO #CA22-1-3-400MH-WP WITH H RA5-25L-AF-D1-WP	1-400MH
NOTES: 1. REFER TO SPECS FOR ADDITIONAL REQUIREMENTS. 2. ALL FLUORESCENT BALLASTS SHALL BE ELECTRONIC TYPE. 3. ALL FLUORESCENT LAMPS SHALL BE T-8, 4100K		



LIGHTING PLAN
SCALE: 1/8" = 1'-0"

- FIXTURES THIS SHEET
- 2'X2' TYPE A
 - 2'X2' TYPE A, UNSWITCHED
 - 2'X4' TYPE B
 - TYPE C
 - TYPE D
 - TYPE E
 - TYPE EA
 - TYPE EB
 - TYPE I

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HVAC-PLUMBING EQUIPMENT

WATER HEATERS
 EWH-1: 4.5KW, 208V, 1 PHASE
 EWH-2: 1.35KW, 120, 1 PHASE

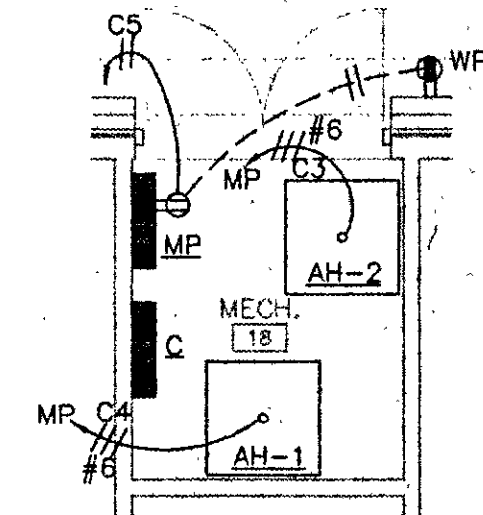
CONDENSING UNITS
 CU-1: 24MCA, 208V, 3 PHASE
 CU-2: 22MCA, 208V, 3 PHASE
 CU-3: 14MCA, 208V, 1 PHASE
 CU-4: 24MCA, 208V, 3 PHASE
 CU-5: 24MCA, 208V, 3 PHASE

AIR HANDLERS
 AH-1: FAN: 3/4HP, 208V, 1 PHASE
 HEAT: 14.4KW, 208V, 3 PHASE
 AH-2: FAN: 3/4HP, 208V, 1 PHASE
 HEAT: 14.4KW, 208V, 3 PHASE
 AH-3: FAN: 1/4HP, 208V, 1 PHASE
 HEAT: 5.76KW, 208V, 3 PHASE
 AH-4: FAN: 3/4HP, 208V, 1 PHASE
 HEAT: 14.4KW, 208V, 3 PHASE
 AH-5: FAN: 3/4HP, 208V, 1 PHASE
 HEAT: 14.4KW, 208V, 3 PHASE

LOCAL DISCONNECT

60A/3P/3R
 60A/3P/3R
 30A/2P/3R
 60A/3P/3R
 60A/3P/3R

NOTE: ALL DISCONNECTS SHALL HAVE KEYED ALIKE PAD LOCKS.



MECH. RM. 18

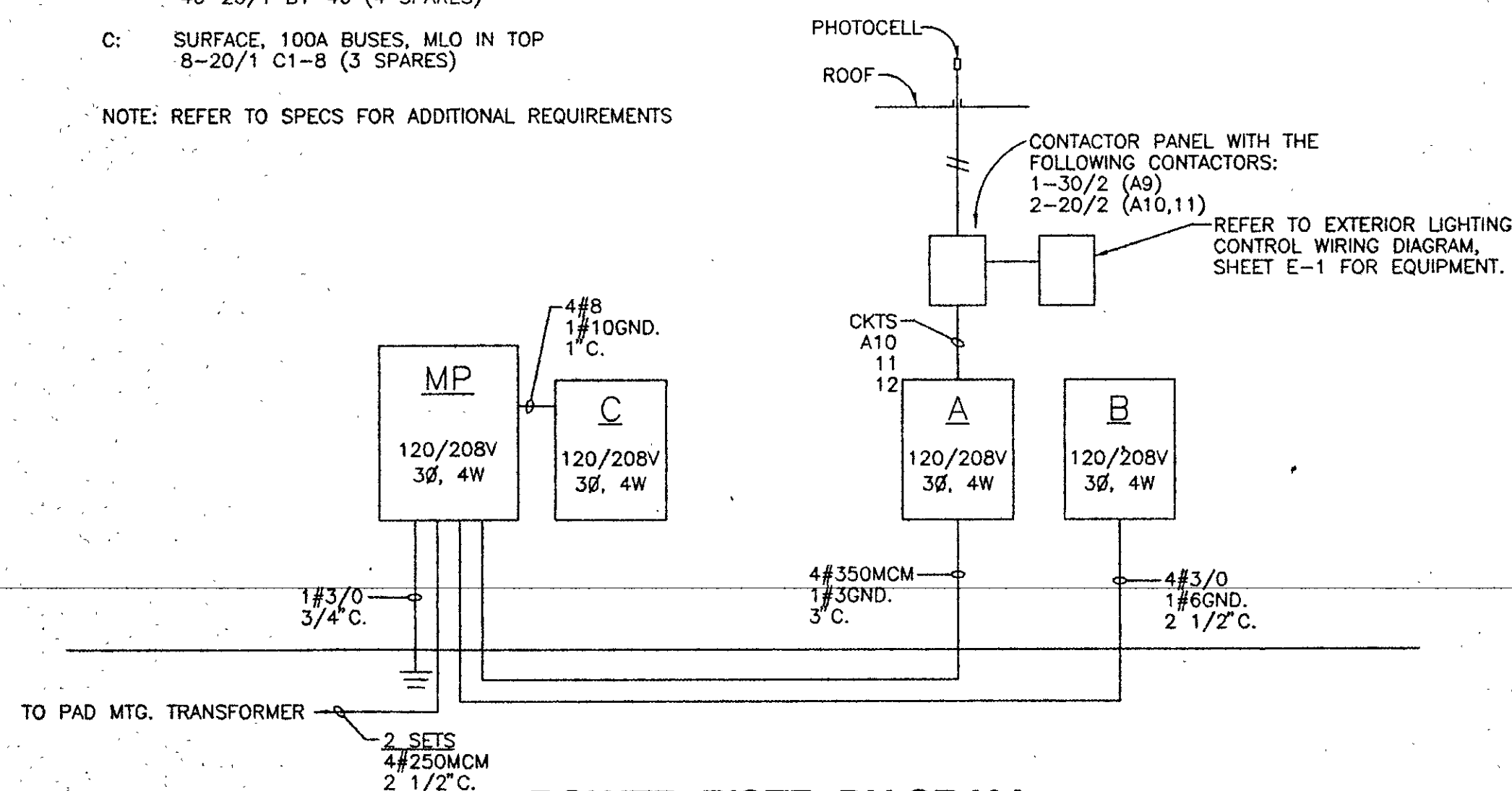
SCALE: 1/4" = 1'-0"

EQUIPMENT SCHEDULE

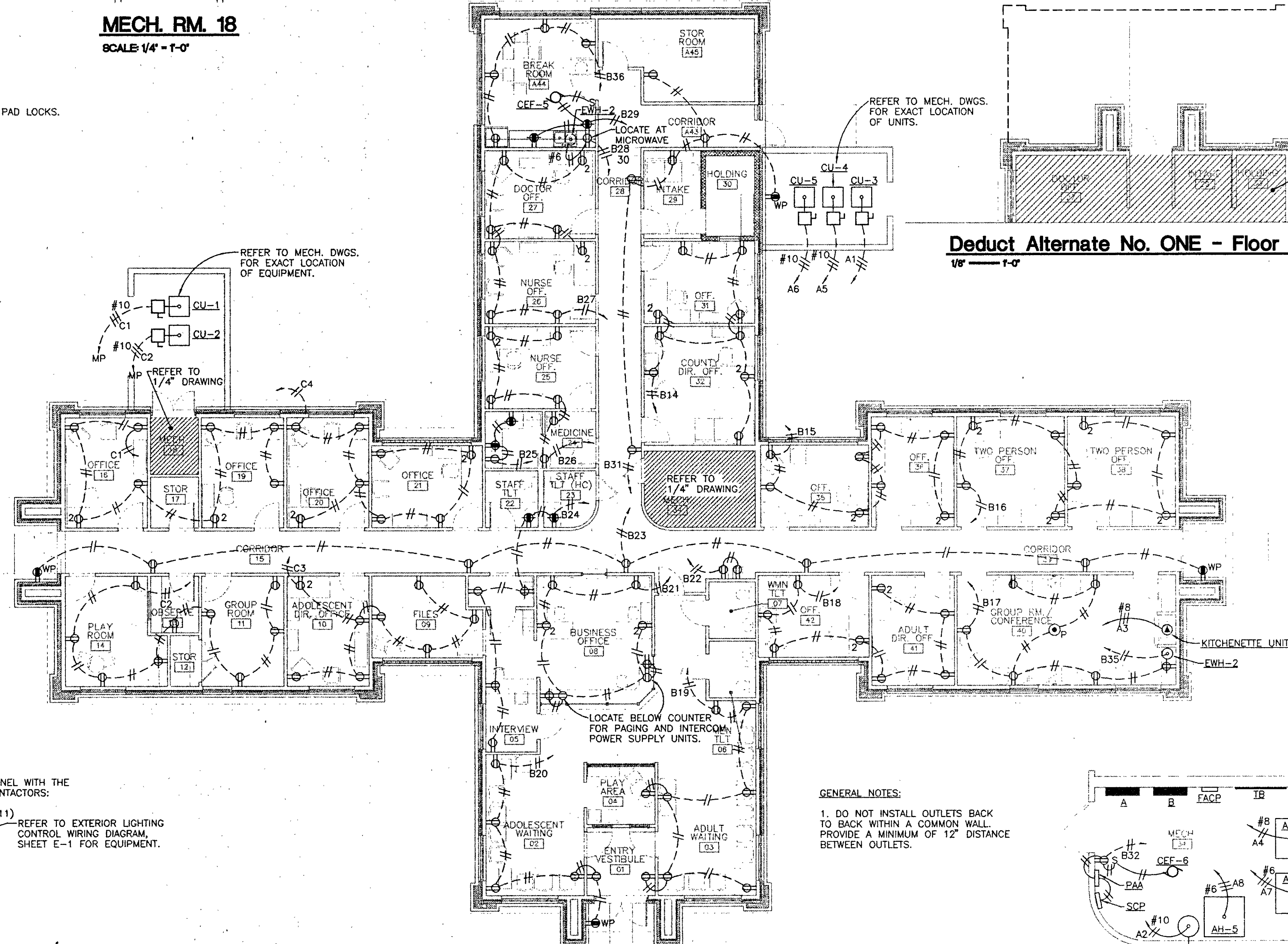
ALL PANELS SHALL BE 120/208V, 3 PHASE, 4 WIRE WITH BREAKERS LISTED:

- MP: SURFACE, 600A BUSES, MIN. 20KAIC BREAKERS
 1-500/3 MAIN BKR. IN BOTTOM
 1-300/3 PANEL A
 1-200/3 PANEL B
 1-40/3 PANEL C
 2-40/3 C1, 2
 2-60/3 C3, 4
- A: SURFACE, 400A BUSES, MLO IN BOTTOM
 2-30/2 A1, 2
 2-40/2 A3, 4
 2-40/3 A5, 6
 2-60/3 A7, 8
 1-30/2 A9
 2-20/2 A10, 11
 5-20/1 SPACE ONLY A12-16
- B: SURFACE, 225A BUSES, MLO IN BOTTOM
 40-20/1 B1-40 (4 SPARES)
- C: SURFACE, 100A BUSES, MLO IN TOP
 8-20/1 C1-8 (3 SPARES)

NOTE: REFER TO SPECS FOR ADDITIONAL REQUIREMENTS



POWER RISER DIAGRAM
 NO SCALE



POWER PLAN

SCALE: 1/8" = 1'-0"

Deduct Alternate No. ONE - Floor Plan

1/8" = 1'-0"

REFER TO MECH. DWGS.
 FOR EXACT LOCATION
 OF UNITS.

REFER TO MECH. DWGS.
 FOR EXACT LOCATION
 OF EQUIPMENT.

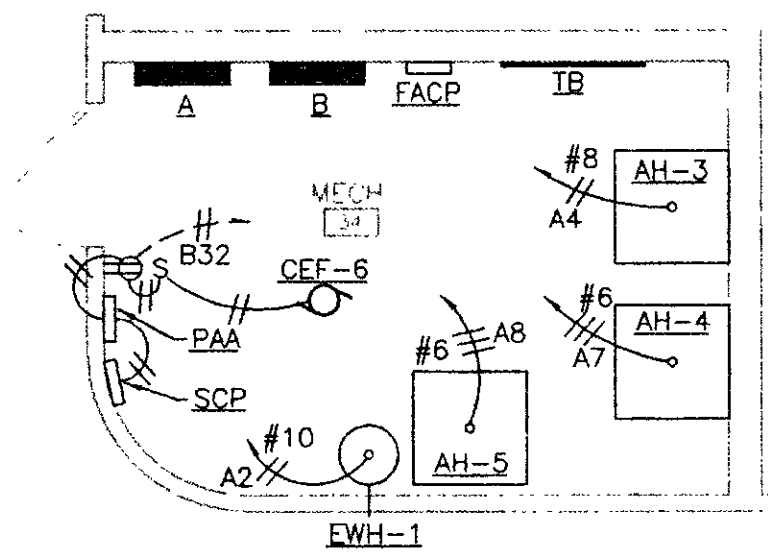
REFER TO
 1/4" DRAWING

REFER TO
 1/4" DRAWING

LOCATE BELOW COUNTER
 FOR PAGING AND INTERCOM.
 POWER SUPPLY UNITS.

GENERAL NOTES:

- DO NOT INSTALL OUTLETS BACK TO BACK WITHIN A COMMON WALL. PROVIDE A MINIMUM OF 12" DISTANCE BETWEEN OUTLETS.



MECH. RM. 134

SCALE: 1/4" = 1'-0"

TYPICAL
 SAME AS BASE BID

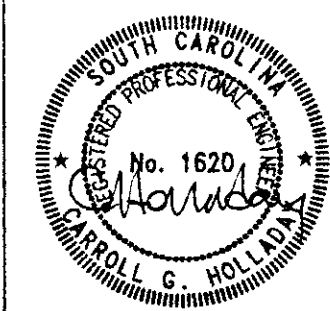
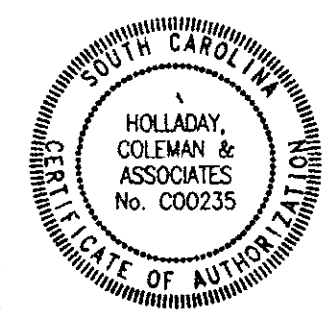
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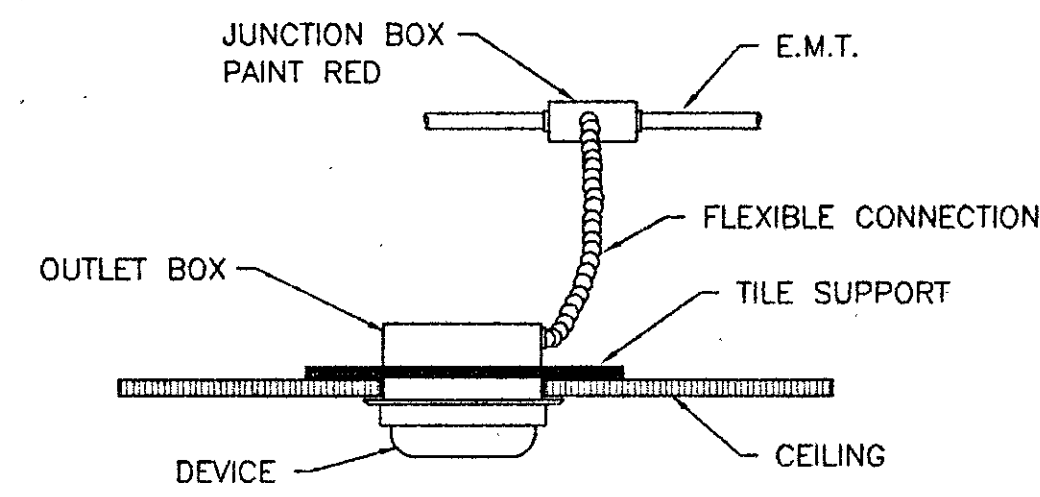
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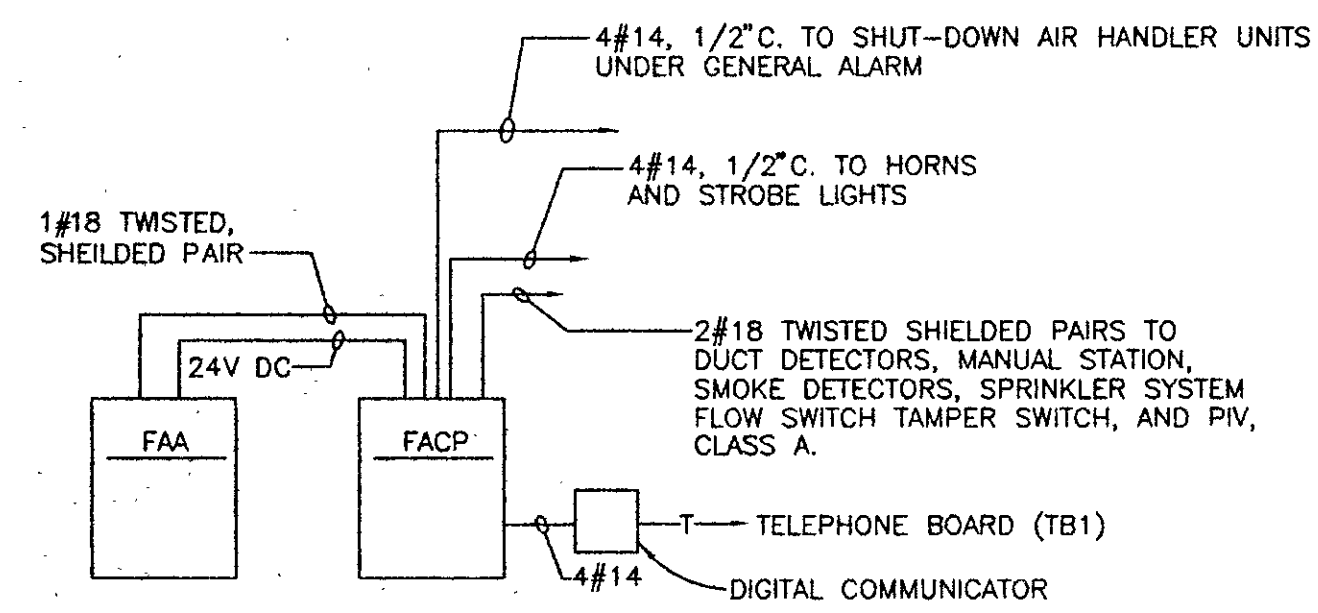


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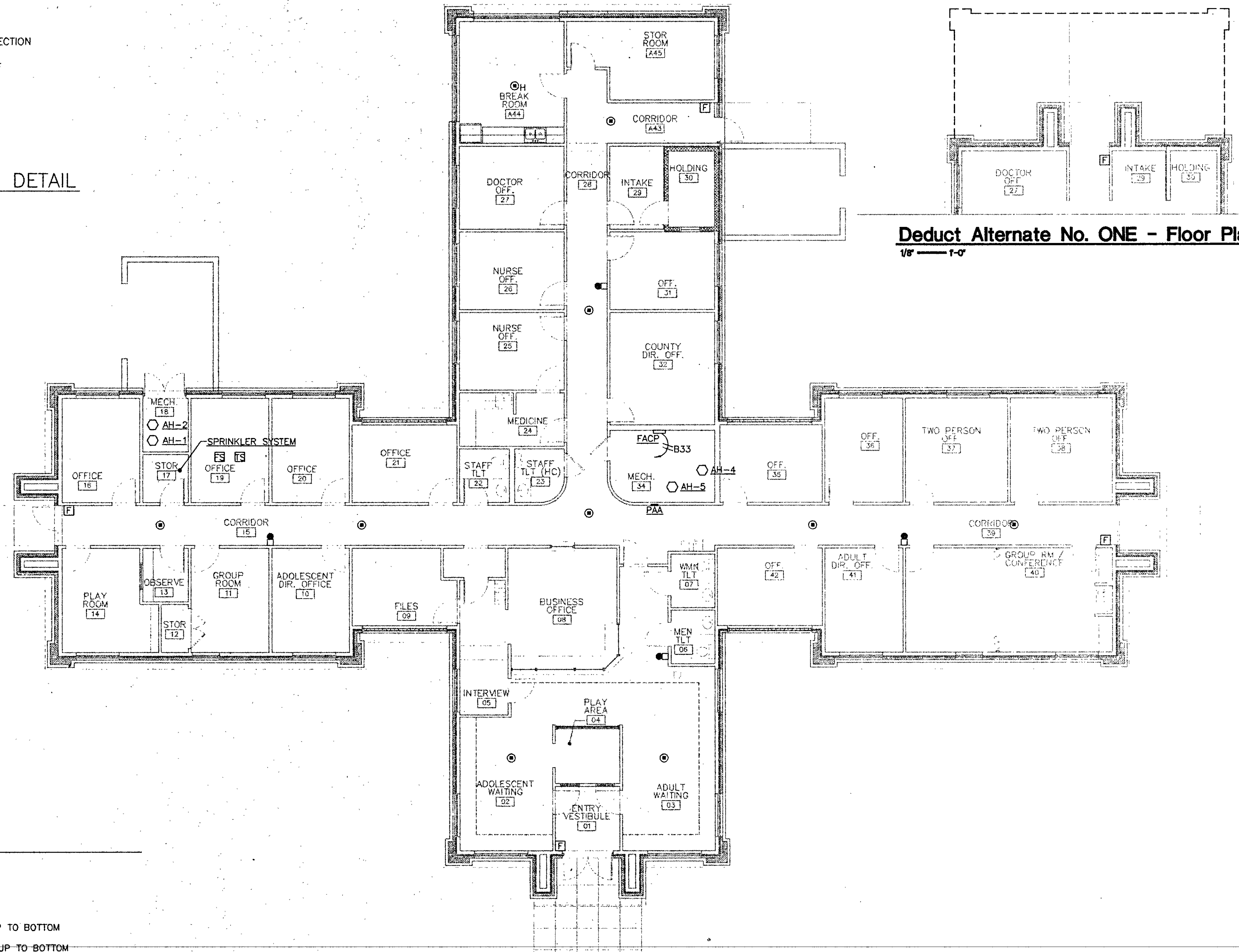


SMOKE DETECTOR INSTALLATION DETAIL
NO SCALE



FIRE ALARM SCHEMATIC

NO SCALE

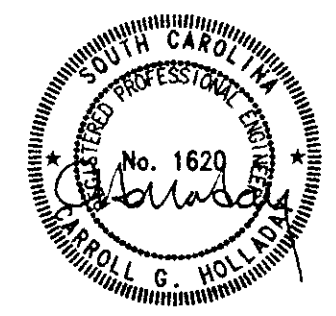
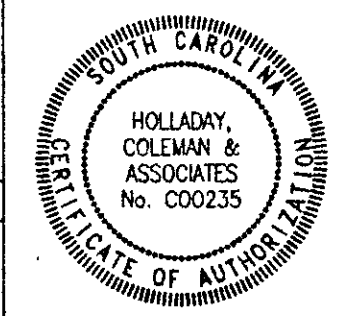


Deduct Alternate No. ONE - Floor Plan
1/8" = 1'-0"

FIRE ALARM PLAN

- FIRE ALARM**
- FAOP** CONTROL PANEL, SURFACE
- FAA** ANNUNCIATOR, RECESSED
- F** MANUAL STATION, 48" UP
 - HORN/LIGHT, SEMI-RECESSED IN WALL, 96" UP TO BOTTOM
 - STROBE LIGHT, SEMI-RECESSED IN WALL, 96" UP TO BOTTOM
 - DUCT DETECTOR, FURNISHED AND WIRED THIS DIVISION, INSTALLED UNDER DIVISION 15
 - ◎** SMOKE DETECTOR, CENTER IN TILE
 - FS** FLOW SWITCH
 - TS** TAMPER SWITCH
 - PIV** POST INDICATOR VALVE - REFER TO PLUMBING DRAWINGS FOR EXTERIOR LOCATION.

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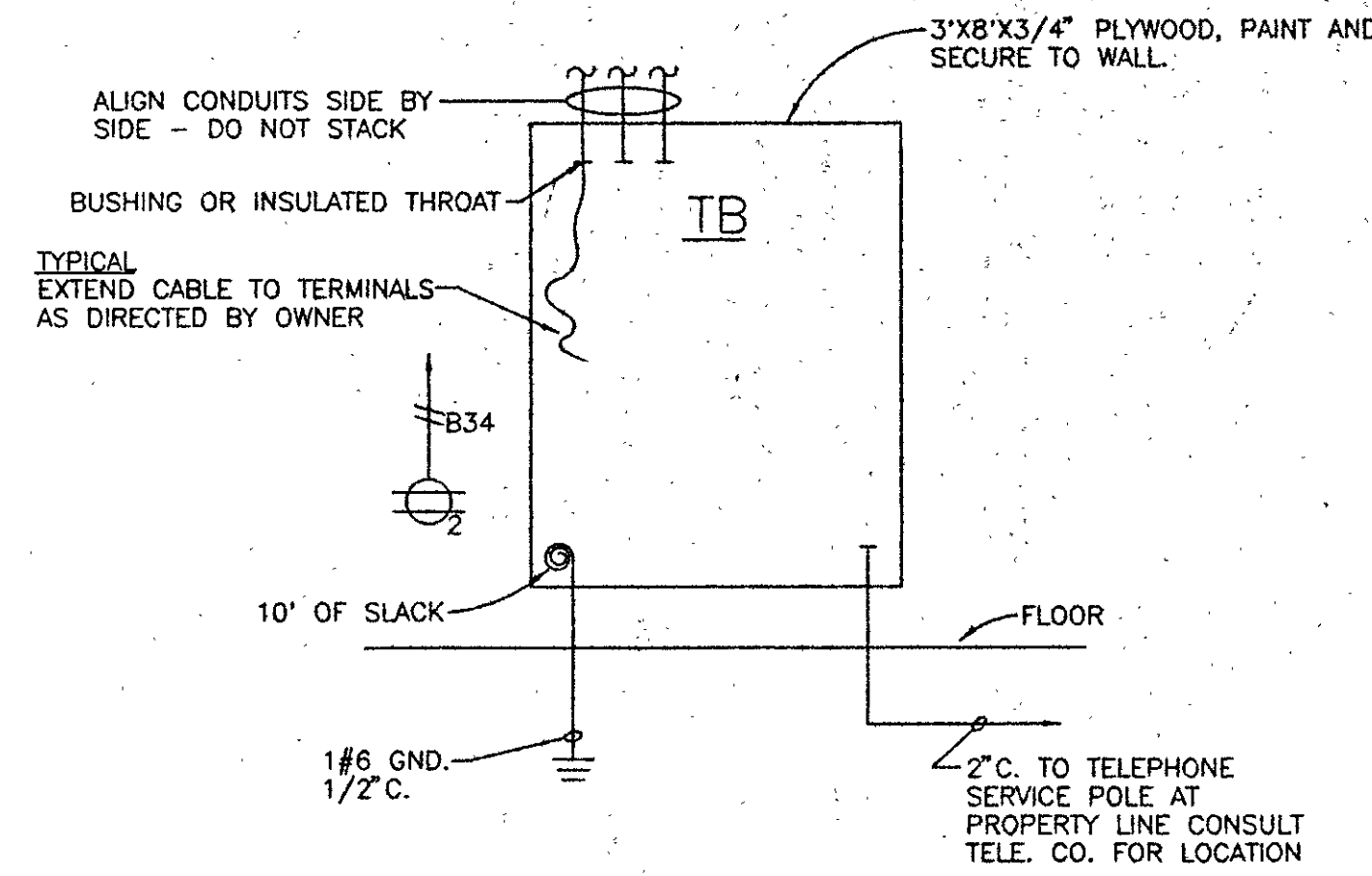
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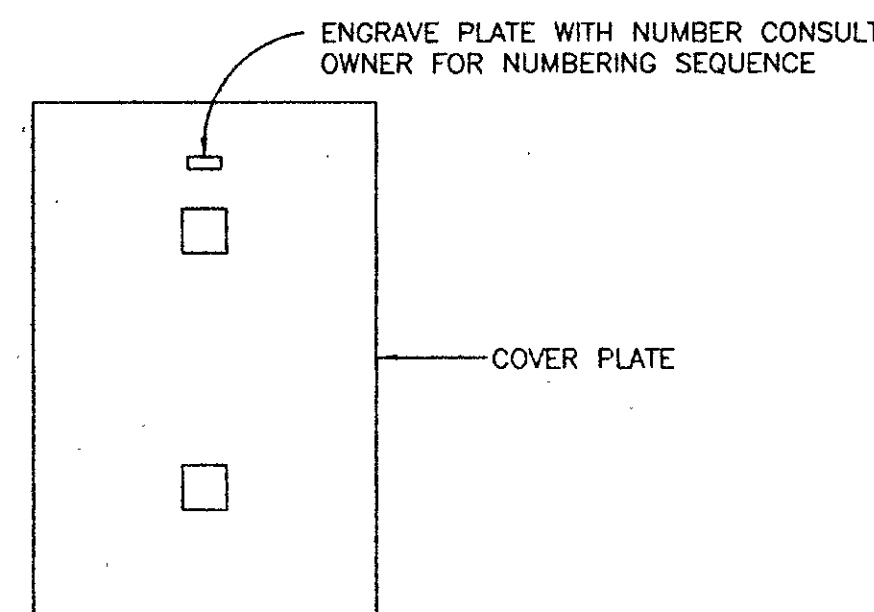
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- TELEPHONE/DATA
- IB TERMINAL BOARD
 - ◀ TELEPHONE: SINGLE GANG BOX WITH TELEPHONE JACK, 18" UP UNLESS OTHERWISE INDICATED.
 - ◀ TELEPHONE/DATA: 2 GANG BOX WITH SINGLE GANG EXTENSION WITH TELEPHONE JACK AND DATA JACK ON COMMON PLATE, 18" UP
 - ◀ TELEPHONE/DATA: 2 GANG BOX WITH SINGLE GANG EXTENSION WITH TELEPHONE JACK AND DATA JACK ON COMMON PLATE, ABOVE COUNTER
 - CONDUIT WITH CABLES. SUBSCRIPT INDICATES NUMBER OF 8/C CABLES REQUIRED. ARROWHEAD INDICATES RUN TO TERMINAL BOARD
 - CABLE: COMM/SCOPE LEVEL 5 NETWORK CABLE
P/N 5504-566, CATS E 113333 4
PR/24(UL) TYPE CMP ---- LL82959 (CSA) PCC.

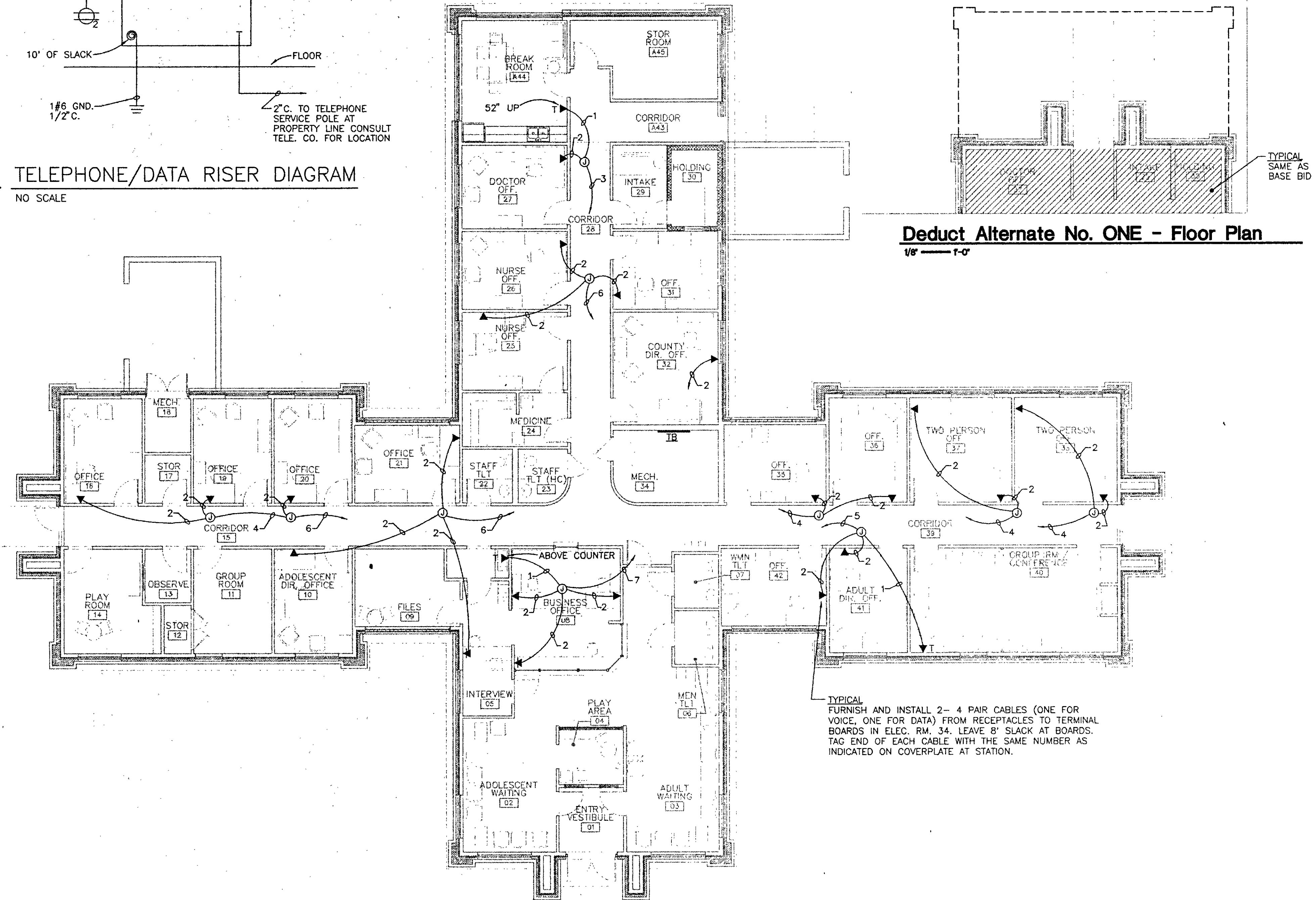
NOTE
CONSULT ARCH. FOR EXACT LOCATION OF ALL OUTLETS.



TELEPHONE/DATA RISER DIAGRAM
NO SCALE



TELE/DATA COVER PLATE DETAIL
NOT TO SCALE



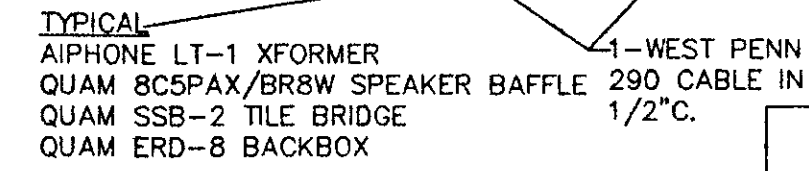
TELEPHONE/DATA PLAN
SCALE 1/8" = 1'-0"

Deduct Alternate No. ONE - Floor Plan
1/8" = 1'-0"

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DRAWINGS MAY NOT BE REPRODUCED IN ANY FORM WITHOUT WRITTEN PERMISSION



NO SCALE

⊙

- HⓅ MASTER STATION: AIPHONE MP-1S WITH POWER
SUPPLY PS-12 C-INSTALL ON COUNTER.

SECURITY

- | | |
|---|--|
|  | CONTROL PANEL |
|  | SIREN |
|  | KEY PAD |
|  | DETECTOR, INSTALL ON WALL AT CEILING |
|  | CONDUIT WITH NUMBER OF #18 CONDUCTORS INDICATED, ARROWHEAD INDICATES RUN TO CONTROL PANEL. |

PUBLIC ADDRESS

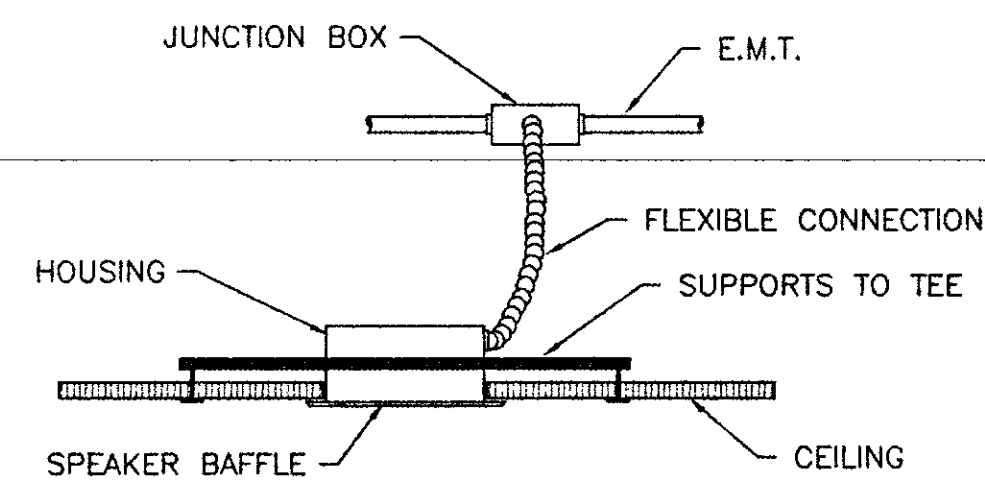
- ① SPEAKER ASSEMBLY, RECESSED IN CEILING
- 1/2" CONDUIT WITH BELDEN 8450 OR EQUAL,
ARROWHEAD INDICATES RUN TO AMPLIFIER.
- PAA
AMPLIFIER

MONITOR

- ⑤ SPEAKER ASSEMBLY, RECESSED IN CEILING

INTERCOM

- ☒ M AIPHONE LEM-1 WITH SKK-620 POWER SUPPLY, COUNTER MOUNTED.
☒ AIPHONE LE-DA, SEMI-FLUSH, 5'-0" UP



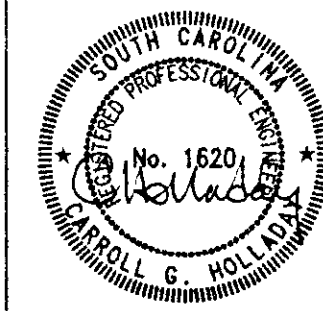
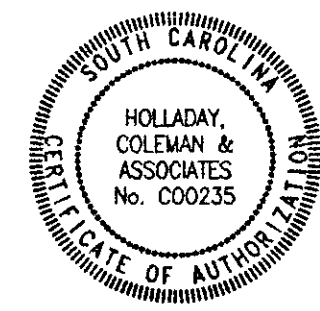
NO SCALE



1/8" ——— 1-0"

SCALE: 1/8" = 1'-0"

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