

- SINGLE LINE DIAGRAM NOTES**
- EXISTING ZINCO MAIN SWITCH BOARD, 208Y/120V, 3 PHASE, 4W, 2500 AMP'S TO REMAIN. PROVIDE NEW CIRCUIT BREAKER PER ITEM (2), BELOW.
 - REPLACE EXISTING 400/3 CIRCUIT BREAKER IN EXISTING SPACE WITH NEW 800/3 CIRCUIT BREAKER (MATCH EXISTING EQUIPMENT MANUFACTURER AND LC RATINGS). IF 800A FRAME WILL NOT FIT IN EXISTING SPACE IN EXISTING DISTRIBUTION SECTION, CONTRACTOR SHALL REARRANGE OTHER CIRCUIT BREAKERS AND FEEDERS AS REQUIRED TO ACCOMMODATE NEW CIRCUIT BREAKER. ANY EXISTING CIRCUIT BREAKERS BEING RELOCATED IN DISTRIBUTION SECTION SHALL BE SO RELOCATED AS TO ONLY REQUIRE SHORTENING AND RECONNECTION OF EXISTING FEEDER CONDUCTORS. CONTRACTOR SHALL FIELD VERIFY ALL.
 - TWO EXISTING 3". FILL IN NEW 4 #600 KCMIL CU THIN + 1 #10 CU GROUND IN EACH PER PLANS.
 - FILL BOX PER PLANS. REFER TO PARTIAL SITE POWER DISTRIBUTION PLAN, SHEET E-1 FOR COORDINATION/REFERENCE.
 - TWO 3 1/2", 4 #600 KCMIL CU THIN + 1 #10 CU GROUND EACH.
 - REPLACE EXISTING 400A DISTRIBUTION PANEL IN PLACE WITH NEW 208Y/120V, 3 PHASE, 4W, 800A/3 DISTRIBUTION PANEL PER SPECIFICATIONS AND INSTALLED PER 2/E-3. MATCH, EXTEND AND RECONNECT EXISTING FEEDER CONDUCTORS TO NEW DISTRIBUTION PANEL. DP1 CIRCUIT BREAKERS AS REQUIRED. CONTRACTOR SHALL FIELD VERIFY ALL.
 - PANEL PROVIDED AND INSTALLED BY BUILDING MANUFACTURER, CONNECTED BY CONTRACTOR, TYPICAL.
 - EXISTING RELOCATABLE BUILDING PANEL LOCATED IN EXISTING RELOCATABLE BUILDING TO REMAIN. MATCH AND EXTEND EXISTING INDIVIDUAL BUILDING FEEDER CONDUCTORS AS REQUIRED AND RECONNECT FEEDER TO NEW CIRCUIT BREAKER IN NEW DISTRIBUTION PANEL. CONTRACTOR SHALL FIELD VERIFY ALL. TYPICAL FOR FOUR RELOCATABLE BUILDINGS, R4 THROUGH R7.
 - ONE 1 1/4", 3 #2 CU THIN + 1 #8 CU GROUND.
 - SYSTEM GROUNDING PER 3/E-3.
 - SYSTEM GROUNDING PER 5/E-3.
 - STUB, CAP AND LABEL TWO 2", FIVE FEET BEYOND EQUIPMENT PAD FOR FUTURE.

ORDIZ MELBY ARCHITECTS, INC.

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LICENSED ARCHITECT
 WILLIAM J. MELBY
 No. C-18635
 DEC. 31 2006
 STATE OF CALIFORNIA

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 ARCHITECT C-14,728

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IDENTIFICATION STAMP
 DIV OF THE STATE ARCHITECT
 OFFICE OF REGULATION SERVICES

APPLD-108679
 FILE # 15-6

AC [initials] FLS CO 88-178
 DATE JUL 26 2005

PTN:63321-50

**SITE IMPROVEMENTS
 PORTABLE CLASSROOMS
 AT
 CHIPMAN JUNIOR
 HIGH SCHOOL
 BAKERSFIELD CITY
 SCHOOL DISTRICT**

**IESSLER STREET
 BAKERSFIELD,
 CALIFORNIA
 93306**

MARK	DATE	DESCRIPTION
SD		D.S.A. APPROVAL
CD		
△		
△		
△		
△		

JOB NUMBER:
 2004771
 CAD DRAWING FILE:
 2004-82-E-3.DWG
 DRAWN BY:
 DAJ
 CHECKED BY:
 VWW

CHECK AND VERIFY ALL DIMENSIONS BEFORE
 PROCEEDING WITH THE WORK.
 REPORT DISCREPANCIES TO THE ARCHITECT.

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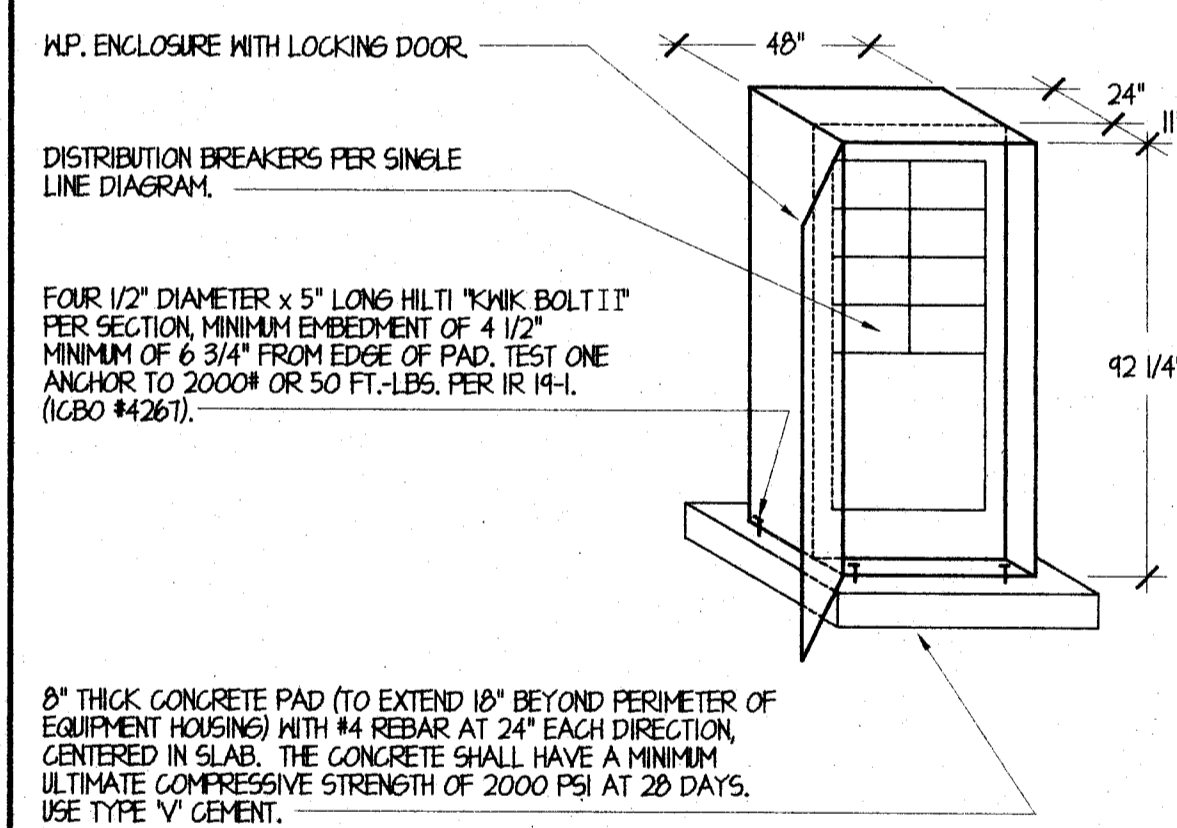
SHEET TITLE

SINGLE LINE DIAGRAM

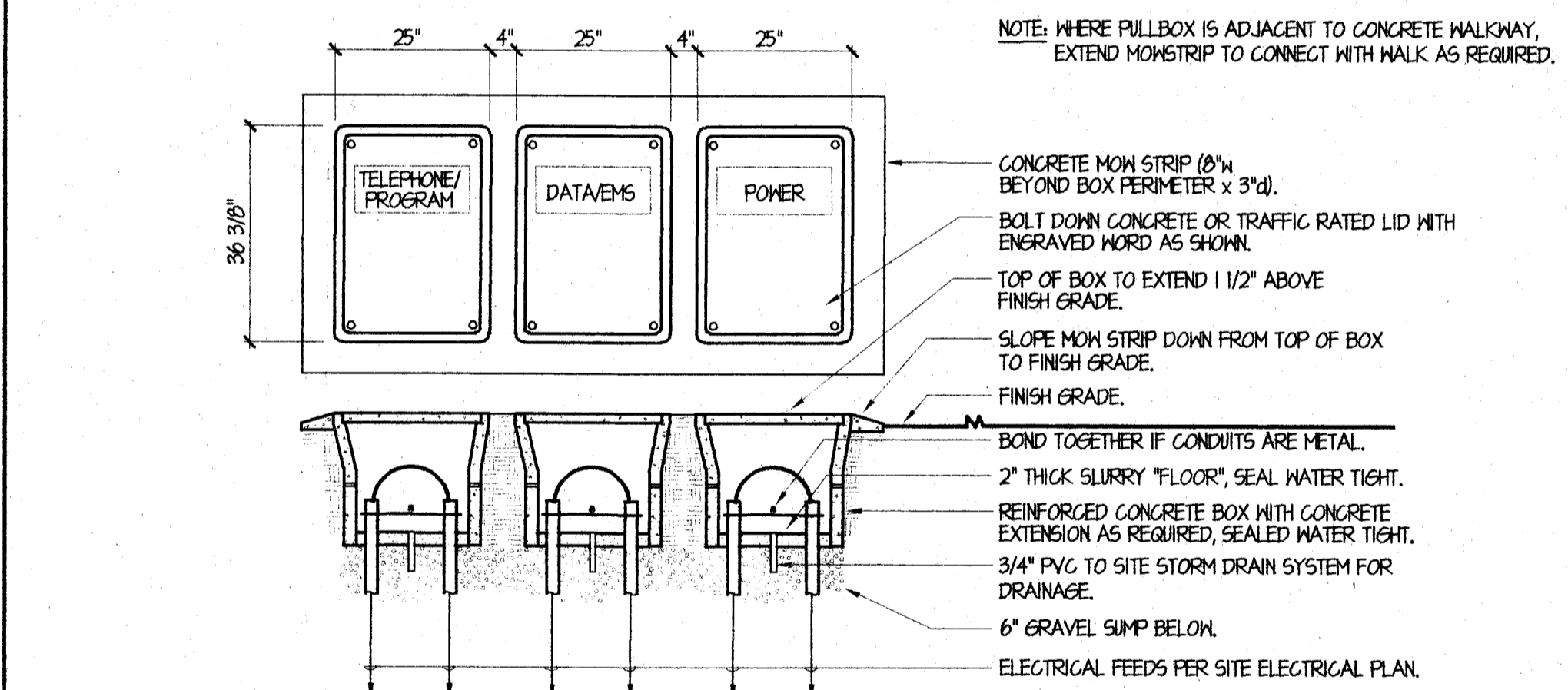
SHEET IDENTIFICATION NUMBER
E-3
 SHEET OF

1 SINGLE LINE DIAGRAM

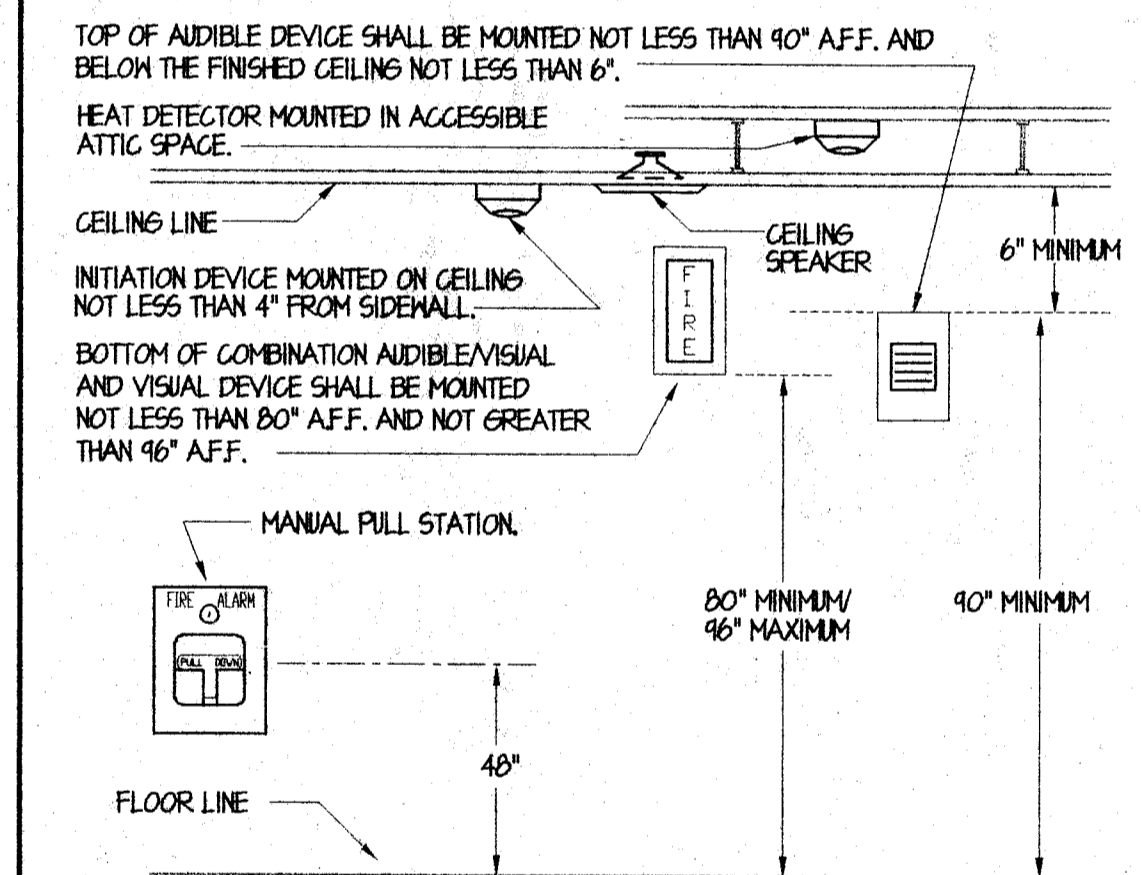
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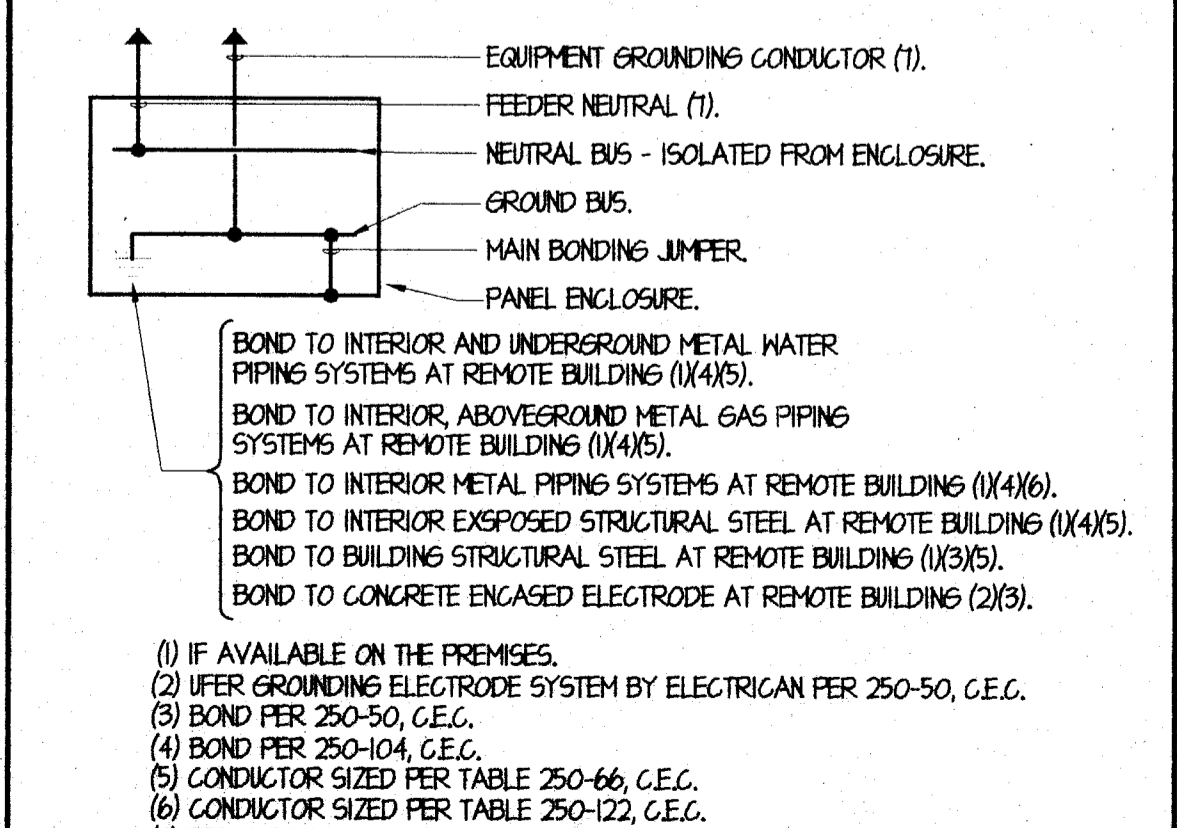
2 DISTRIBUTION PANEL ELEVATION
 ALL CONSTRUCTION NEMA 3R



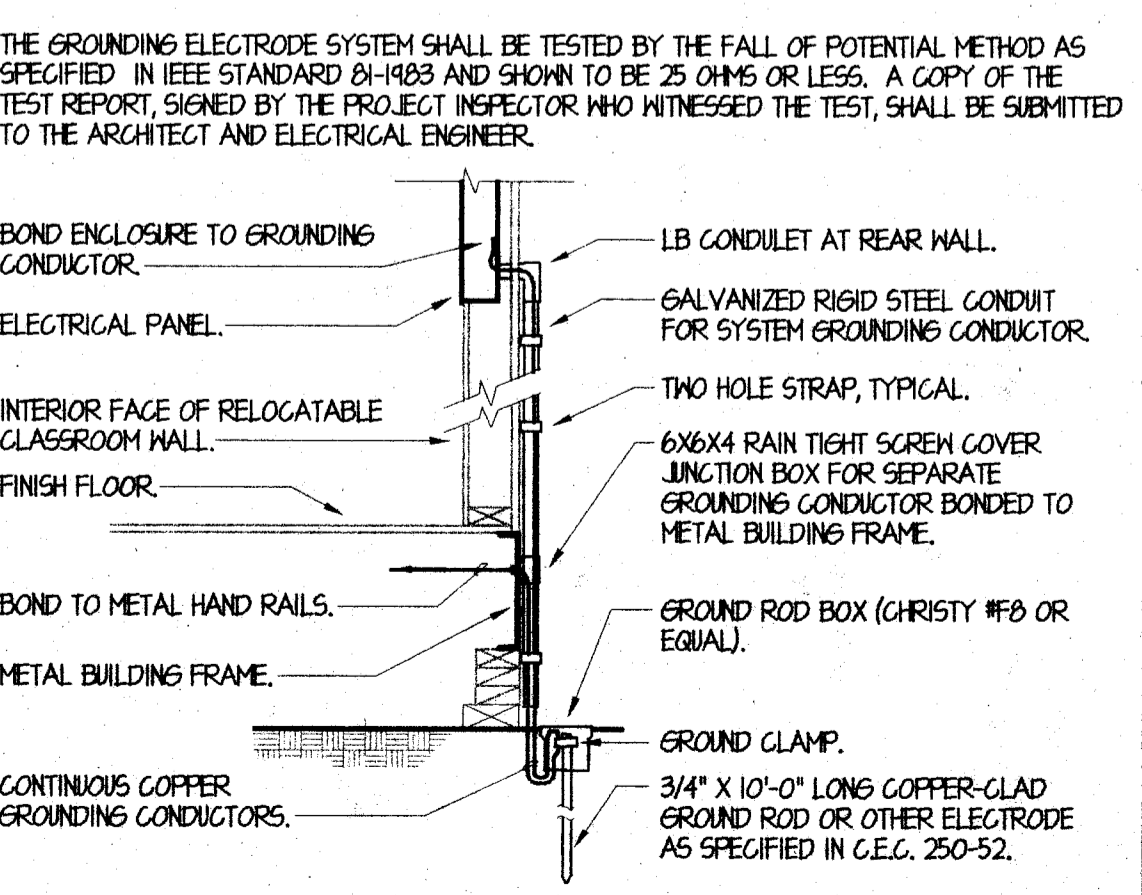
4 UNDERGROUND PULLBOX CLUSTER



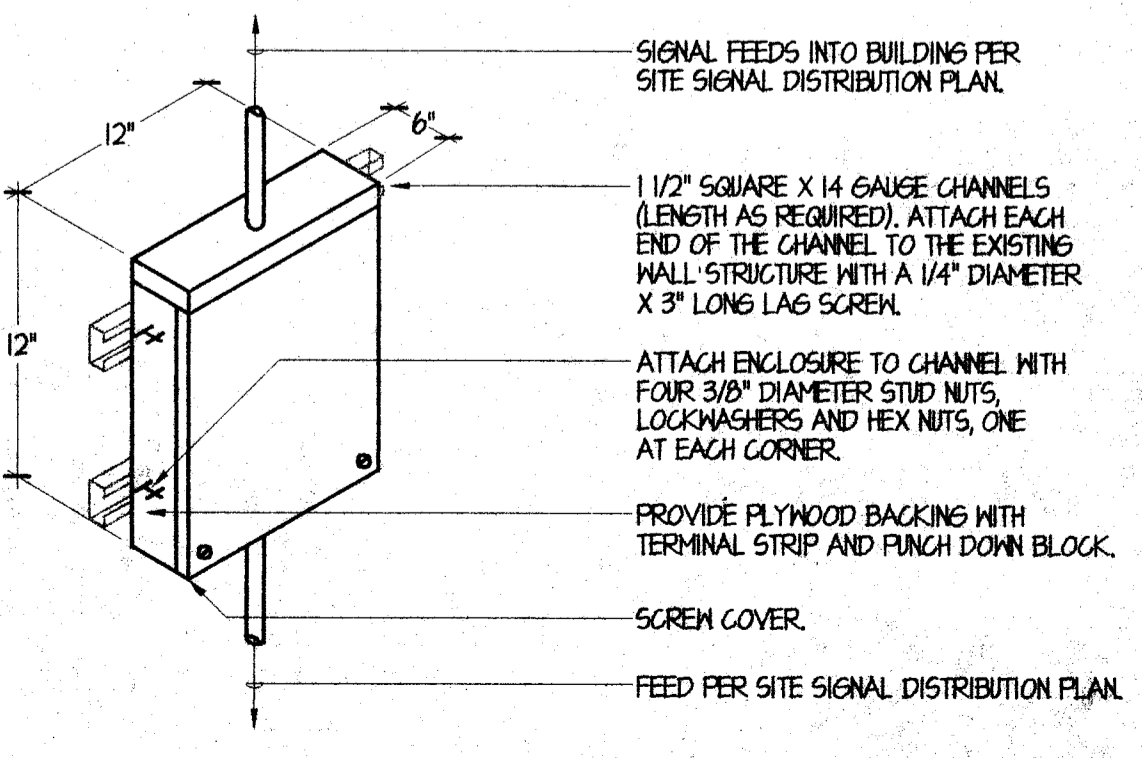
7 FIRE ALARM DEVICE ELEVATION



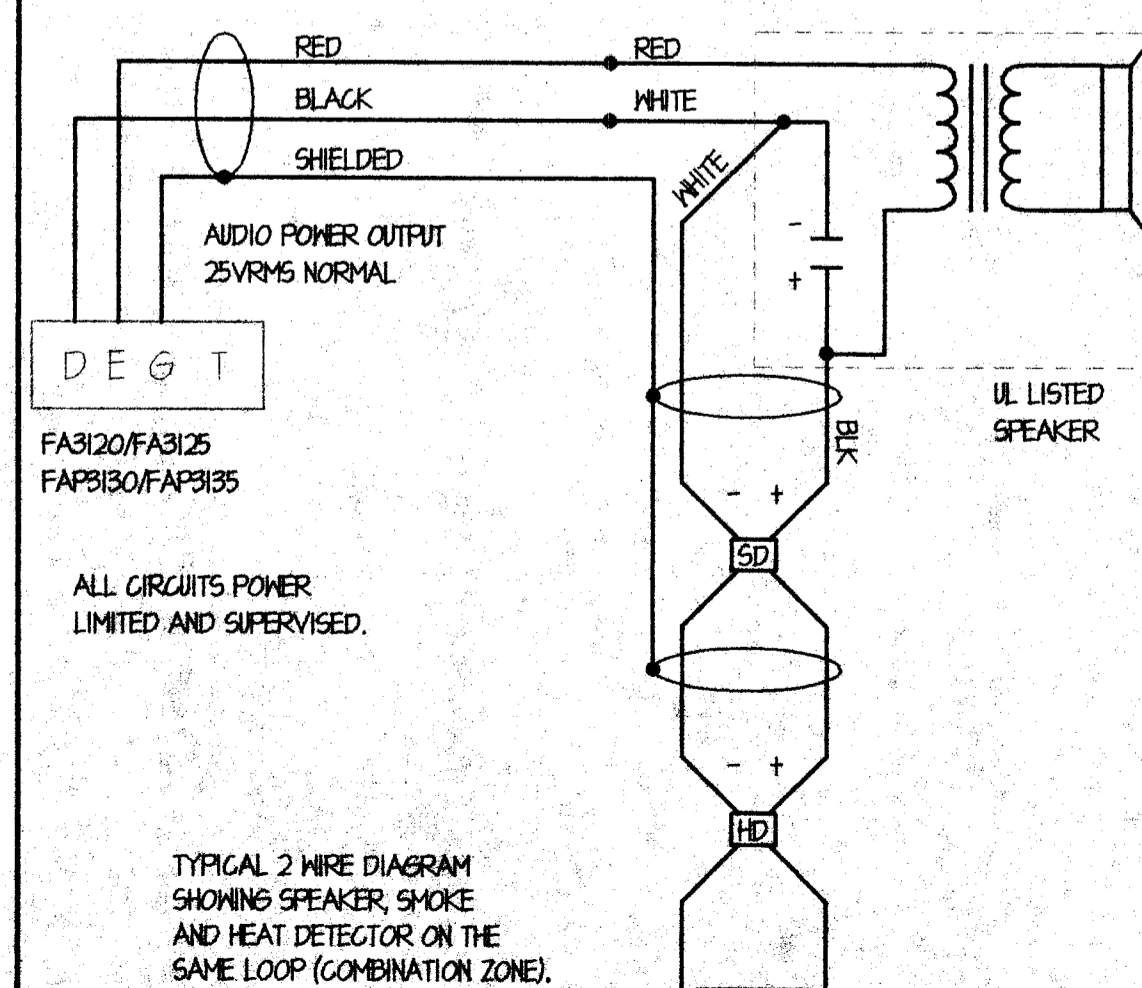
3 GROUNDING ELECTRODE SYSTEM FOR REMOTE BUILDINGS



5 SYSTEM GROUND
 BOND CLASSROOM BUILDINGS TOGETHER WITH 1 #6 CU CONDUCTOR WHERE RELOCATABLES OCCUR SIDE BY SIDE.



6 SIGNAL SYSTEMS FULL BOX



8 TYPICAL WIRE DIAGRAM

9 NOT USED

10 NOT USED

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