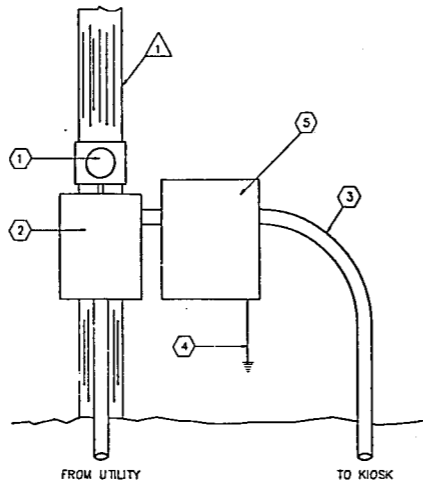


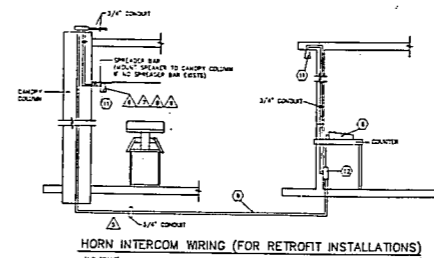
ALTERNATE PEDESTAL MOUNT FOR SERVICE EQUIPMENT
(NO SCALE)



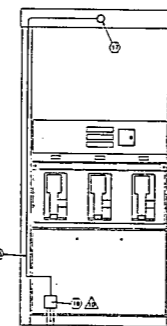
PREFERRED UTILITY POLE MOUNT FOR SERVICE EQUIPMENT
(NO SCALE)

| OPTIONS • | 3 PHASE 120/208V (4-WIRE) "Y" | | 1 PHASE 120/240V (3-WIRE) | |
|--|-------------------------------|-----------------------------------|---------------------------|-----------------------------------|
| | CONDUIT | CABLES | CONDUIT | CABLES |
| 1. BUILDING ONLY | 1 EA. 2.5" | 4 EA. #250 MCM (3 HOT, 1 NEUTRAL) | 1 EA. 2" | 3 EA. #250 MCM (2 HOT, 1 NEUTRAL) |
| 2. BUILDING WITH THE FOLLOWING COMBINATIONS: | | | | |
| A. ROLL OVER WASH (ROW) | 1 EA. 2.5" | 4 EA. #250 MCM (3 HOT, 1 NEUTRAL) | 2 EA. 2.5" | 3 EA. #350 MCM (2 HOT, 1 NEUTRAL) |
| B. SUPPORT BUILDING | 1 EA. 2.5" | 4 EA. #250 MCM (3 HOT, 1 NEUTRAL) | 1 EA. 2" | 3 EA. #250 MCM (2 HOT, 1 NEUTRAL) |
| C. HIGH RISE ID SIGN | 1 EA. 2.5" | 4 EA. #250 MCM (3 HOT, 1 NEUTRAL) | 1 EA. 2" | 3 EA. #250 MCM (2 HOT, 1 NEUTRAL) |
| D. SUPPORT BUILDING, ROW | 1 EA. 3" | 4 EA. #500 MCM (3 HOT, 1 NEUTRAL) | 2 EA. 3" | 3 EA. #500 MCM (2 HOT, 1 NEUTRAL) |
| E. HIGH RISE ID SIGN, ROW | 1 EA. 3" | 4 EA. #350 MCM (3 HOT, 1 NEUTRAL) | 2 EA. 2.5" | 3 EA. #350 MCM (2 HOT, 1 NEUTRAL) |
| F. HIGH RISE ID SIGN, SUPPORT BUILDING | 1 EA. 3" | 4 EA. #350 MCM (3 HOT, 1 NEUTRAL) | 1 EA. 2.5" | 3 EA. #350 MCM (2 HOT, 1 NEUTRAL) |
| G. HIGH RISE ID SIGN, SUPPORT BUILDING, ROW | 1 EA. 3" | 4 EA. #500 MCM (3 HOT, 1 NEUTRAL) | 2 EA. 3.5" | 3 EA. #500 MCM (2 HOT, 1 NEUTRAL) |
| * DEFAULT SPECIFICATION | 1 EA. 3" | 4 EA. #350 MCM (3 HOT, 1 NEUTRAL) | 2 EA. 3.5" | 3 EA. #350 MCM (2 HOT, 1 NEUTRAL) |

SITE INCOMING ELECTRICAL SERVICE DROP



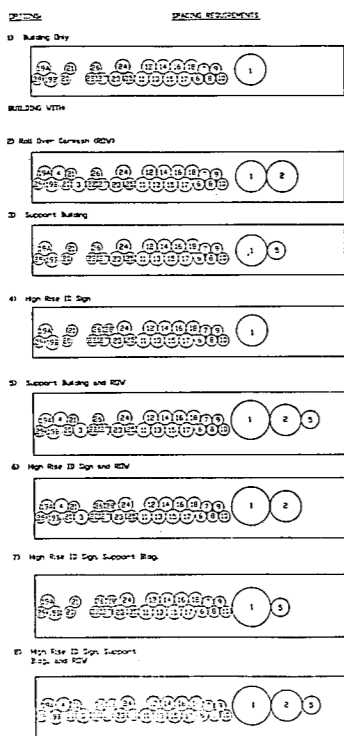
HORN INTERCOM WIRING (FOR RETROFIT INSTALLATIONS)
(NO SCALE)



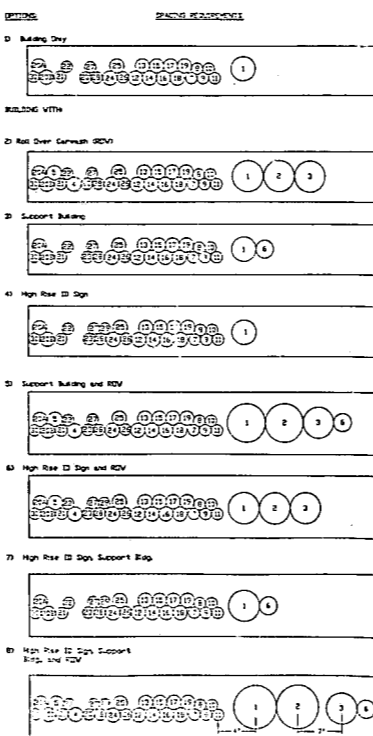
INTERNAL INTERCOM WIRING (FOR NEW BUILDS / R&R SITES)
(NO SCALE)

CONDUIT POSITIONING IN BUILDING FLOOR CHASE
(MINIMUM PERMITTED SPACING IS SHOWN)

THREE PHASE 120/208 (4-WIRE) "Y" LOCATIONS

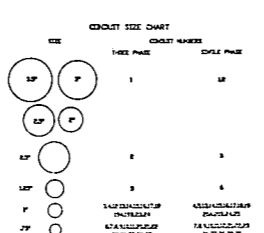


SINGLE PHASE 120/240 (3-WIRE) LOCATIONS

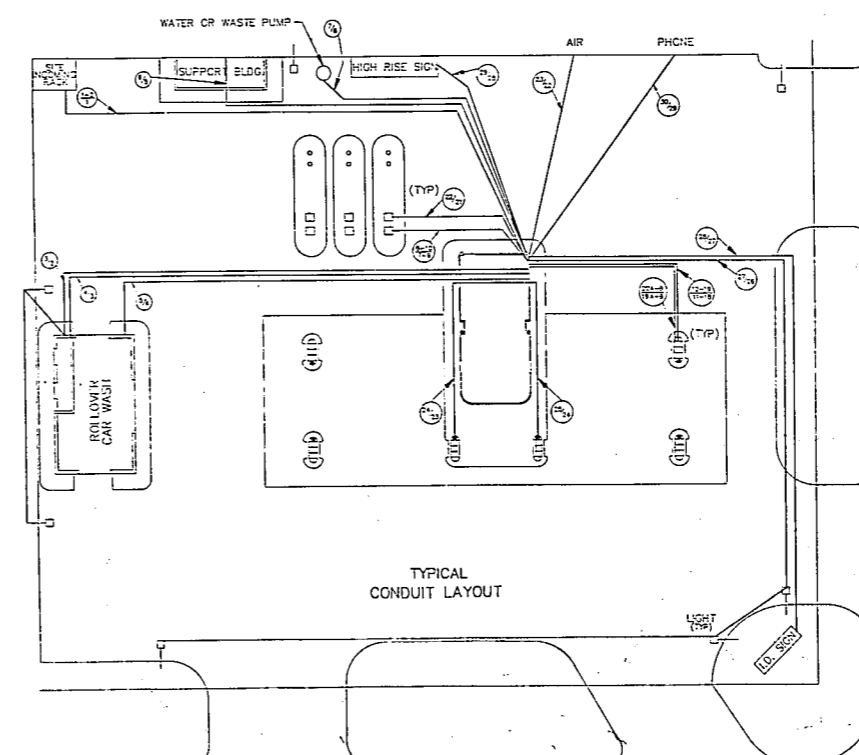


DUCTBANK CONFIGURATIONS

NOTES:
 1. SPACING VALID FOR 75 TEMPERATURE RATED BUILDING TYPES.
 2. IF 90 TEMPERATURE RATED BUILDING TYPES, REDUCE SPACING TO 1/2\"/>



GENERAL NOTES:
 1. SEE CONDUIT SCHEDULE IN THIS DRAWING FOR CONDUIT SIZES.
 2. SEE CONDUIT SCHEDULE IN THIS DRAWING FOR CONDUIT SIZES.
 3. SEE CONDUIT SCHEDULE IN THIS DRAWING FOR CONDUIT SIZES.



④ - MATERIAL SCHEDULE

| NO. | DESCRIPTION | QTY. | S | I |
|-----|--|---------|----|----|
| 1 | METER | 1 | GC | GC |
| 2 | CT CABINET (IF REQUIRED) | 1 | GC | GC |
| 3 | CONDUIT AND WIRE (SEE TABLE) | AS RECD | GC | GC |
| 4 | SOLID COPPER GROUND PER NEC | 1 | GC | GC |
| 5 | 400 AMP, 3 PHASE 120/208V, 1 PHASE 120/240V (600 AMP, 1 PHASE 120/240V ONLY WHEN REQUIRED BY LOCAL CODE OR UTILITY CO.) FUSED MAIN DISCONNECT | 1 | GC | GC |
| 6 | GALVANIZED CHANNEL IRON (PAINT RUST RESISTANT GRAY) | AS RECD | GC | GC |
| 7 | 3" X 3" X 3/16" GALVANIZED ANGLE (PAINT RUST RESISTANT GRAY) | AS RECD | GC | GC |
| 8 | 8 POSITION MASTER STATION | 1 | O | GC |
| 9 | 22 GAUGE TWISTED PAIR CABLE | AS RECD | GC | GC |
| 10 | RESERVED | | | |
| 11 | HORN/SPEAKER (UP TO 8 IF SUBSTATION IS UTILIZED) | AS RECD | O | GC |
| 12 | JUNCTION BOX | 1 | GC | GC |
| 13 | INTERCOM TERMINAL STRIP IN BACK ROOM JUNCTION BOX | 1 | BM | BM |
| 14 | 3/4" CONDUIT CARRYING 3 CONDUCTOR, NYLON SHIELDED CABLES, 22 GAUGE WITH 175 DEGREE F RESISTANCE OVERALL JACKET FOR 3 CABLES 60 DEGREE C TEMPERATURE RESISTANCE, NYLON STRIPPER CORD AND O.D. 3/16" | AS RECD | GC | GC |
| 15 | PREWIRED DISPENSER SPEAKER CONDUIT | AS RECD | O | O |
| 16 | DISPENSER SPEAKER JUNCTION BOX | AS RECD | O | O |
| 17 | SPEAKER BUILT INTO DISPENSER | AS RECD | O | O |

⚠ NOTES

- UTILITY POLE—ATTACH EQUIPMENT PER LOCAL UTILITY COMPANY REQUIREMENTS.
- TO BE USED ONLY IF UTILITY COMPANY WILL NOT MOUNT ON UTILITY POLE.
- G.C. TO INSTALL OUTSIDE OF RUBBISH ENCLOSURE UNLESS OTHERWISE SHOWN ON PLOT PLAN.
- G.C. TO PROVIDE TEMPORARY POWER DURING BUILDING CANOPY ERECTION.
- INTERCOM WIRING MUST BE IN SEPARATE CONDUIT, SHIELDED FROM POWER WIRING & OTHER SOURCES OF INTERFERENCE.
- SPEAKER CONNECTIONS TO BE MADE WITH CRIMP CONNECTORS.
- SEE CANOPY DRAWING FOR NUMBER & LOCATION OF HORNS.
- G.C. TO MOUNT HORN & DIRECT STRAIGHT DOWN.
- SEE "SPECIAL INSTRUCTIONS FOR B.P. OIL CO. INSTALLATIONS" FOR DETAILS FURNISHED BY TALK-A-PHONE WITH EACH INTERCOM SYSTEM.
- REFER TO DISPENSER DRAWING FOR DETAIL. ALL INTERNAL BUILDING WIRING IS DONE BY BUILDING MANUFACTURER. G.C. IS ONLY RESPONSIBLE, INTERNAL TO THE BUILDING, TO THE IN TO JUNCTION BOX.

BP OIL COMPANY
 RETAIL MARKETING
 DESIGN AND ENGINEERING
 200 PUBLIC SQUARE
 CLEVELAND, OHIO 44114

ELECTRICAL ACCESSORIES

| | | | |
|------------|---------|------------|------|
| DWG. NO. | 10 | REV. | 1 |
| SCALE | | MADE BY | |
| DATE | 7/22/82 | CHECKED BY | |
| REVISIONS: | | DATE | DOWN |
| | | | SK21 |