



**SITE PLAN**  
SCALE 1"=50'

- SPECIAL NOTES: (REFER TO THIS DRAWING ONLY)**
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  20. REFER TO THIS DRAWING ONLY.

- GENERAL NOTES:**
1. THE LOCATION OF EXISTING UNDERGROUND UTILITIES IS SHOWN IN AN APPROXIMATE WAY ONLY. DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. REPAIR ALL DAMAGES OCCASIONED BY FAILURE TO EXHUMATE, LOCATE AND PRESERVE.
  2. EXISTING UNDERGROUND UTILITIES SHALL BE MAINTAINED AS SHOWN UNLESS OTHERWISE NOTED. HORIZONTAL VENT PIPING SHALL BE GRADED TO DRIP BACK TO THE BOLL OR WASTE PIPES BY GRAVITY.
  3. ELEVATION NOTED AT CENTER LINES OF PIPES FROM THE PIPES TO THE CENTER LINE OF THE DUCT OR WASTE PIPES FROM THE PIPES TO THE CENTER LINE OF THE DUCT.
  4. MAINTAIN MINIMUM OF 3'-0" COVER OVER UNDERGROUND WATER MAINS AND MINIMUM OF 2'-0" COVER OVER UNDERGROUND SEWERS AND RAINWATER LINES SERVING TWO OR MORE FIXTURES.
  5. PROVIDE AN AIR VENT AT THE HIGH POINT OF EACH DROP IN THE HEATING AND CHILLED WATER SYSTEMS.
  6. UNLESS OTHERWISE NOTED, ALL PIPING AND DUCTWORK IS OVERHEAD.
  7. INSTALL PIPING AND DUCTWORK SO THAT ALL VALVES AND DAMPERS ARE ACCESSIBLE.
  8. DOORWAY ALL MECHANICAL WORK WITH ELECTRICAL WORK, ETC., FROM OTHER DRAWINGS.
  9. ROOM NUMBER INDICATED ABOVE FINISHED FLOOR ON THE VERTICAL CENTERLINE OF THE ROOM LIGHT SWITCH. NOTIFY THE ENGINEER ON SITE BEFORE ANY WORK IS COMPLETED. ANY WORK SHALL BE COMPLETED IN THE ROOMS INDICATED ON THE DRAWINGS. ANY WORK SHALL BE COMPLETED IN THE ROOMS INDICATED ON THE DRAWINGS.
  10. PROVIDE IN MECHANICAL AND ELECTRICAL ROOMS, IN CONDITIONS WHERE CEILING SPEAKERS AND AIR DIFFUSERS ARE INSTALLED, THE FOLLOWING: (A) SILENCING; (B) VIBRATION; (C) SOUND ATTENUATION; (D) SOUND BARRIER; (E) SOUND ABSORPTION; (F) SOUND REFLECTION; (G) SOUND TRANSMISSION; (H) SOUND ISOLATION; (I) SOUND PROTECTION; (J) SOUND CONTROL; (K) SOUND TREATMENT; (L) SOUND MANAGEMENT; (M) SOUND MITIGATION; (N) SOUND REDUCTION; (O) SOUND ELIMINATION; (P) SOUND PREVENTION; (Q) SOUND AVOIDANCE; (R) SOUND MINIMIZATION; (S) SOUND MAXIMIZATION; (T) SOUND OPTIMIZATION; (U) SOUND ENHANCEMENT; (V) SOUND IMPROVEMENT; (W) SOUND PROMOTION; (X) SOUND PROTECTION; (Y) SOUND CONTROL; (Z) SOUND MANAGEMENT.

| MECHANICAL LEGEND |                          |                |   |
|-------------------|--------------------------|----------------|---|
| SYMBOL ABBREV.    | NAME                     | SYMBOL ABBREV. | NAME  |
| F.S.              | FLOW SWITCH              | R.V.           | RELIEF VALVE                                    |
| S.V.              | SUPERVISED VALVE         | A.C.V.         | AUTOMATIC CONTROL VALVE                         |
| B.V.              | BALANCING VALVE          | P.R.V.         | PRESSURE REDUCING VALVE                         |
| C.V.              | CHECK VALVE              | T.V.           | THROTTLING VALVE                                |
| S.O.R.V.          | SOIL OR WASTE VENT       | EX. J.         | EXPANSION JOINT                                 |
| S.W.D.            | STORM WATER DRAIN        | S.G.           | STRAINER GAUGE                                  |
| B.W.V.            | BACK WATER VALVE         | T.             | THERMOSTAT                                      |
| W.H.              | WALL HYDRANT             | A.V.           | AIR VENT  |
| H.B.              | HOSE BIBB                | C.F.M. A.H.U.  | CUBIC FEET/MINUTE AIR HANDLING UNIT             |
| C.W.              | COOL WATER VALVE         | H.             | HUMIDISTAT                                      |
| H.W.I.            | HOT WATER INLET          | F.C.           | FLEX CONNECTION                                 |
| S.W.R.            | STORM WATER RETURN       | V.D.           | VOLUME DAMPER                                   |
| M.H.              | MANHOLE                  | F.D.           | FIRE DAMPER                                     |
| H.H.              | HANDHOLE                 | M.O.D.         | MOTOR OPERATED DAMPER                           |
| C.D.V.            | CONDENSATE DRAIN VALVE   | R.D.           | RETURN DUCT                                     |
| C.H.W. R.         | CHILLED WATER RETURN     | R.             | REGISTER OR RADIATOR                            |
| H.W. H. S.        | HOT WATER HEATING SUPPLY | D.E.D.         | DUCT END DUCT                                   |
| H.W. H. R.        | HOT WATER HEATING RETURN | B.O.B.         | BACK DRAFT DAMPER                               |
| C.S. S.           | CONDENSER WATER SUPPLY   | F.O.T.         | FLAT ON TOP                                     |
| C.S. R.           | CONDENSER WATER RETURN   | P.C.           | PREFAB. PANEL CASING                            |
| F.L.              | FIRE LINE                | R.             | REGISTER  |
| F.H.C.            | FIRE HOSE CABINET        | U.H.           | UNIT HEATER                                     |
| F.X.              | FIRE EXTINGUISHER        | F.T.R.         | FINNED TUBE RADIATION                           |
| C.A.              | COMPRESSED AIR           |                |   |
| F.P.B.            | FAN POWERED BOX          |                |   |
| I.S.U.            | ICE STORAGE UNIT         |                |   |
| D.P.S.            | DRY PIPE SPRINKLER       |                |   |
| F.D.V.            | FIRE DEPT. VALVE         |                |   |
| W.H.              | WATER HEATER             |                |   |
| G.D.              | GARAGE DRAIN             |                |   |
| H.V.U.            | HEATING VENTILATING UNIT |                |   |
| A.                | AIR HANDLER              | R.D.           | RISER DESIGNATION BOTTOM-REFER DWG. TYPE-NUMBER |
| W.A.              | WALL AREA                |                |   |
| S.                | SECTION                  |                |   |

**Henry Adams, Inc.**  
Mech./Elect. Engineers

**Falsant Associates, Inc.**  
Structural Engineers

**Gaudreau, Inc.**  
Architect/Interior Engineers  
Baltimore

**Baltimore**  
610 Light Street, Baltimore, Maryland 21201

**CORPORATE HEADQUARTERS**

**McCormick & Company**

LOVETON BUSINESS CENTER  
BALTIMORE COUNTY, MARYLAND

**REVISIONS**

| NO. | DATE    | DESCRIPTION      |
|-----|---------|------------------|
| 1   | 8-16-78 | Construction Set |
| 2   | 8-17-78 | Dist. to Field   |
| 3   | 8-18-78 | Dist. to Field   |
| 4   | 8-19-78 | Dist. to Field   |
| 5   | 8-20-78 | Dist. to Field   |
| 6   | 8-21-78 | Dist. to Field   |
| 7   | 8-22-78 | Dist. to Field   |
| 8   | 8-23-78 | Dist. to Field   |
| 9   | 8-24-78 | Dist. to Field   |
| 10  | 8-25-78 | Dist. to Field   |
| 11  | 8-26-78 | Dist. to Field   |
| 12  | 8-27-78 | Dist. to Field   |
| 13  | 8-28-78 | Dist. to Field   |
| 14  | 8-29-78 | Dist. to Field   |
| 15  | 8-30-78 | Dist. to Field   |

**SITE PLAN**

PROJ. NO. **ME-1** DWG. NO. **ME-1**

DATE **8/13/78**