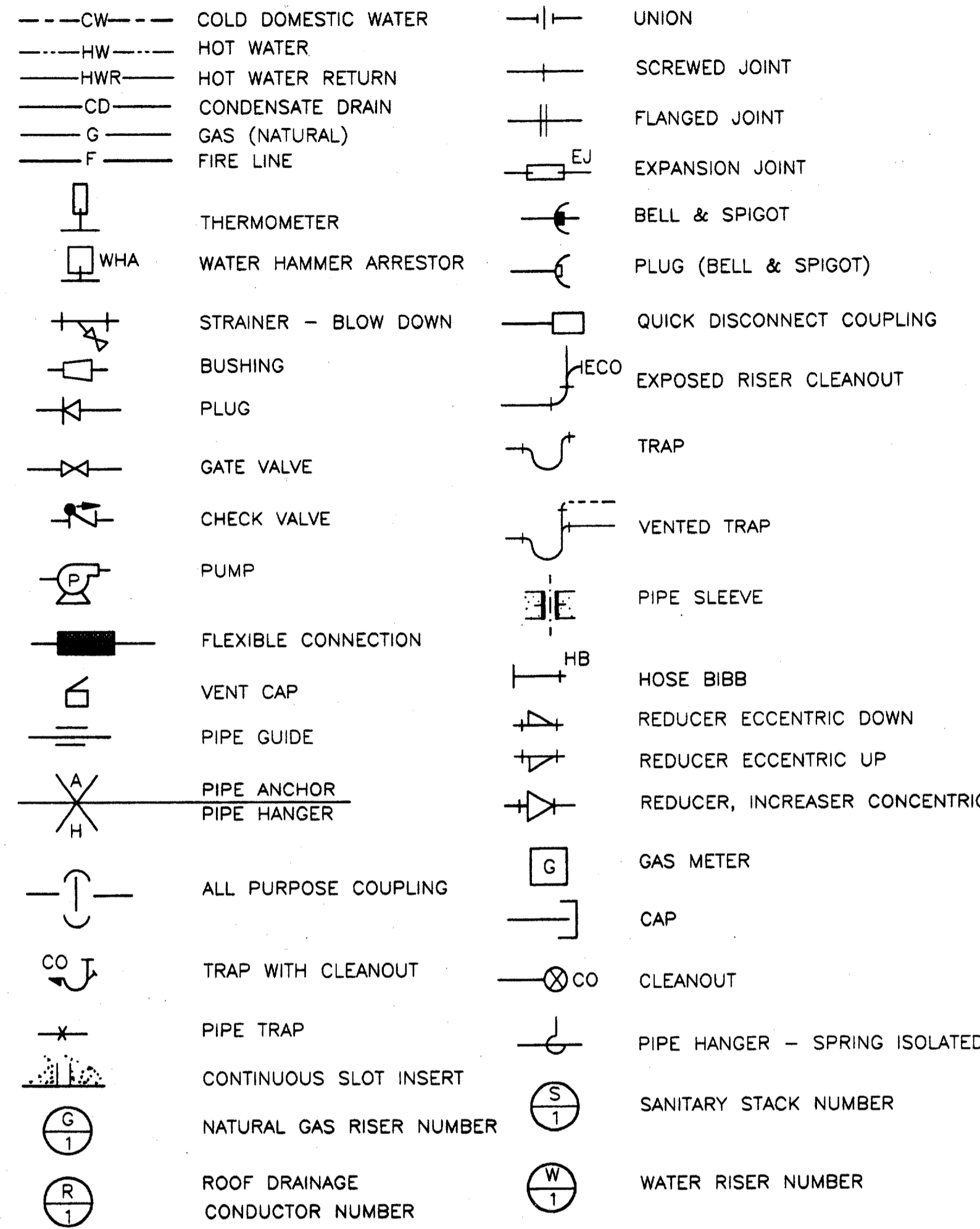


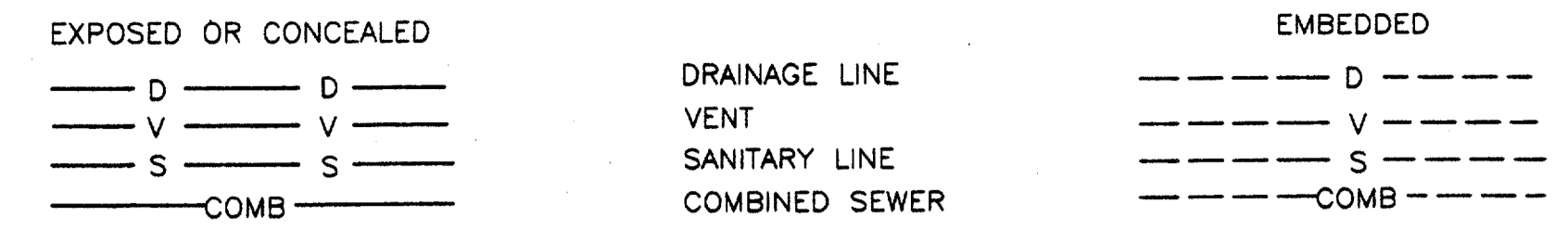
ABBREVIATIONS

Table of abbreviations including AAV (Automatic Air Vent), AD (Area Drain), ALT (Alternate), ASA (American Standards Association), ASSESS (Assembly), AUX (Auxiliary), CB (Catch Basin), CFF (Cap for Future), CI (Cast Iron), CLGS (Ceiling Support), CONN (Connection), CONST (Construction), CONT (Continued, Continuation, Continuous), DRN (Drain, Drainage), D/F (Drinking Fountain), DIA (Diameter), DIM (Dimension), DN (Down), DSP (Dry Standpipe), DWG (Drawing), EL (Elevation), ELEC (Electric, Electrical), ELEV (Elevator), ESC (Escalator), FCO (Floor Cleanout), FD (Floor Drain), FE (Fire Extinguisher), FE(C) (Fire Extinguisher Cabinet), FDC (Fire Department Connection), FH (Fire Hydrant), FHC (Fire Hose Cabinet), FHV (Fire Hose Valve), FLRH (Floor Hydrant), FLSW (Flow Switch), FUT (Future), G (Gas Natural), GA (Gage), GI (Galvanized Iron), GV (Gas Valve), G/V (Gate Valve), HB (Hose Bibb), HD (Head), HEX (Hexagonal), IE (Invert Elevation), IPSZ (Iron Pipe Size), IN (Inch, Inches), LG (Length, Long), LR (Long Radius), MAX (Maximum), MEZZ (Mezzanine), MH (Manhole), MIN (Minimum), NAS (National Standard), NIC (Not in Contract), No. (Number), NPS (Nominal Pipe Size), NTS (Not to Scale), NFWH (Non Freeze Wall Hydrant), OC (On Center), OS & Y (Outside Screw & Yoke), PL (Plate), R (Radius), REF (Reference), RM (Room), SAN (Sanitary), SAP (Sprinkler Alarm Panel), SDT (Smoke Detector), SHD (Shower Drain), SHT (Sheet), SHWR (Shower), SPEC (Specification), SPR (Sprinkler), SQ (Square), SQHD (Square Head), SS (Sanitary Sewer), S/S (Service Sink), SST (Stainless Steel), STA (Station), STD (Standard), STL (Steel), ST (Street), T/R (Top of Rail), TYP (Typical), THK (Thick, Thickness), USC&GS (United States Coast & Geodetic Survey), V/T (Vent), VTR (Vent Thru Roof), V.B. (Valve Box), W/ (With), W/O (Without), WCO (Wall Clean Out), WHA (Water Hammer Arrestor), WM (Water Meter), WSP (Wet Stand Pipe), WST (Wall Support).

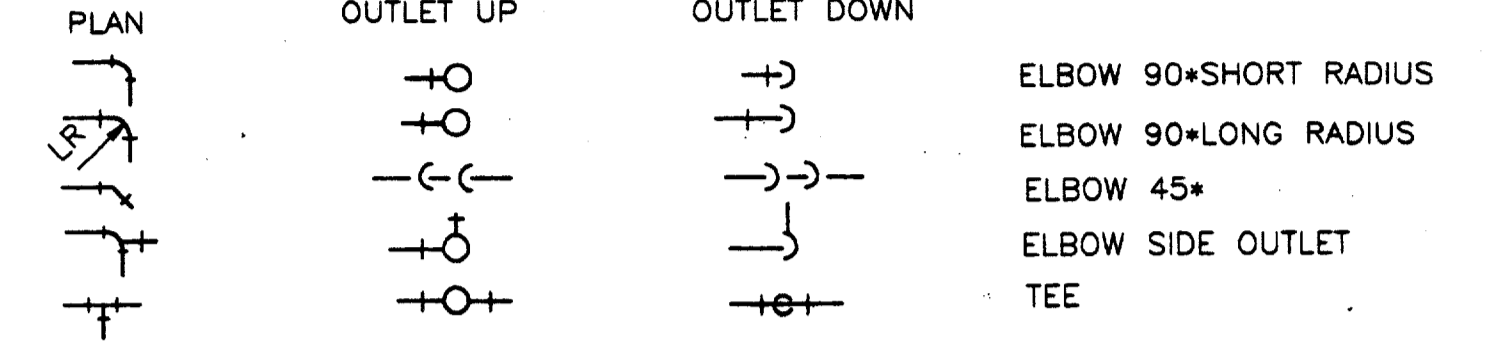
PIPING



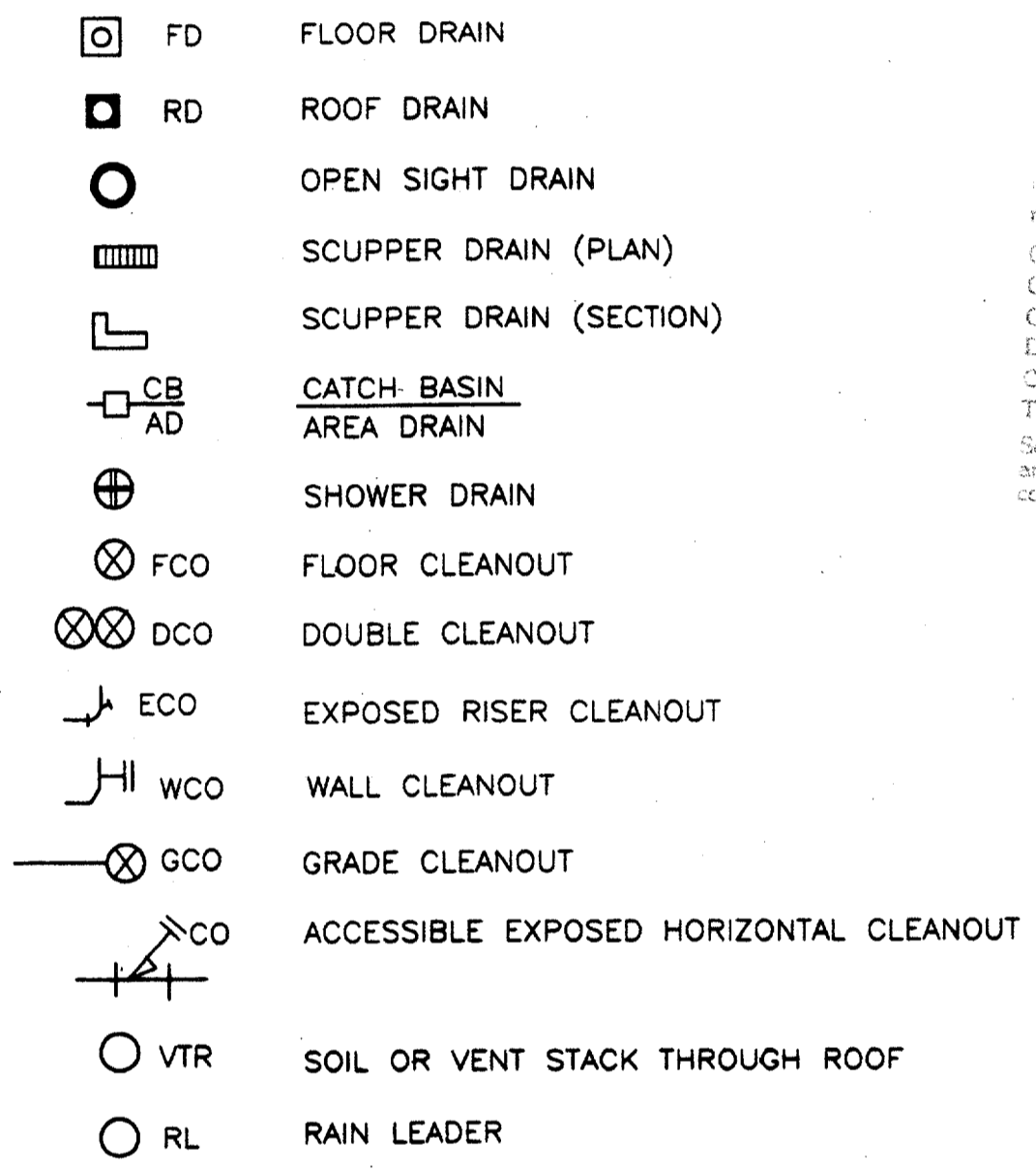
DRAINAGE



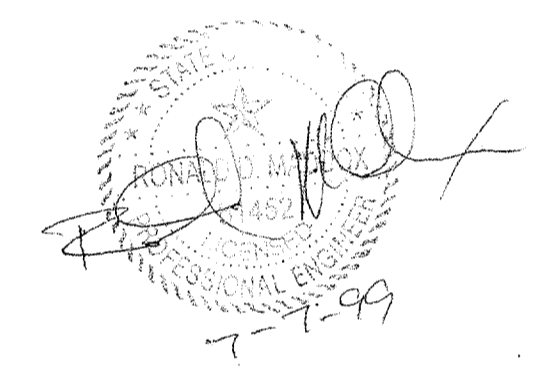
PIPE FITTINGS (TYPICAL SAMPLING OF ASA STANDARDS)



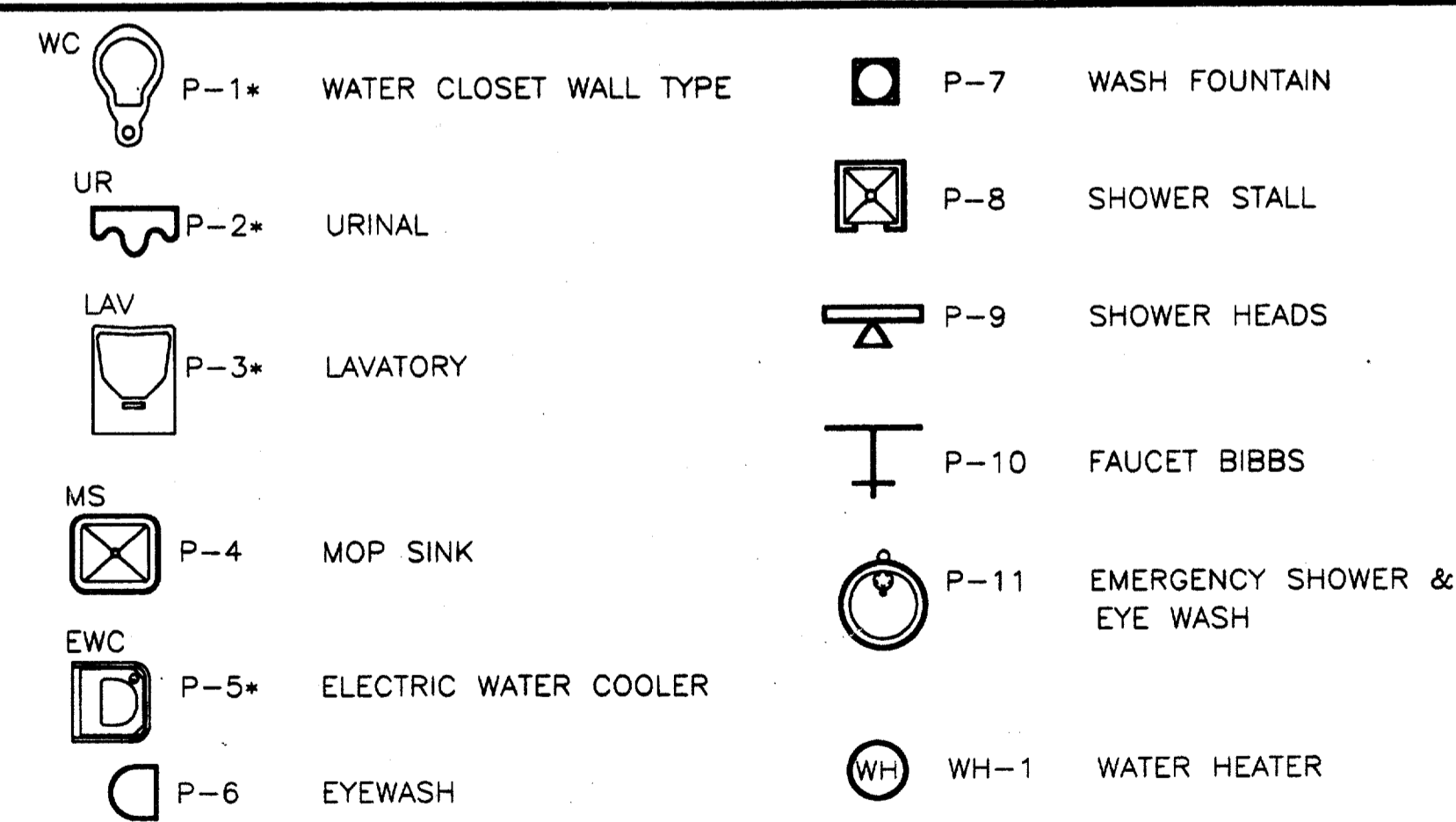
DRAINAGE FITTINGS



Record (and Utility) Certification  
I have checked this submission and certify that it conforms to the requirements of the contract or all applicable laws, codes, and standards.  
Contract Number: 97000136  
Company Name: GERALD & ASSOCIATES  
Official of Firm Signature: [Signature]  
Date: 7-1-99  
Official of Firm Name (Typed): JERRY KADER  
Title of Official (Typed): PRESIDENT  
Seal of Professional Engineer of Construction Contracting, including signature and date. In utility sealing record (as-built) drawings for accuracy of as-built condition reflected herein, must be placed below.



PLUMBING FIXTURES



\* - INCLUDE "A" DESIGNATION FOR THE PHYSICALLY HANDICAPPED

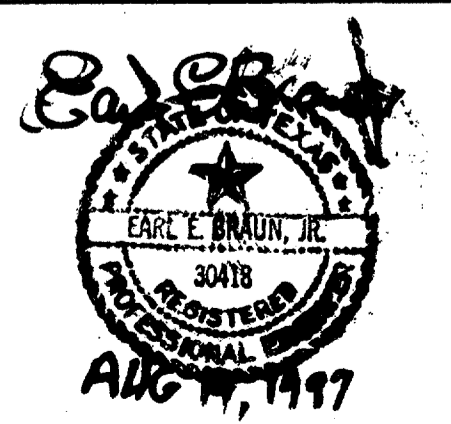
NOTES

- 1. SYMBOLS GIVEN HERE MAY INCLUDE ITEMS WHICH ARE NOT PART OF THIS CONTRACT.
- 2. DATUM SHOWN ON THESE PLANS IS UNITED STATES COAST & GEODETIC SURVEY (USC & GS) MEAN SEA LEVEL LATEST ADJUSTMENT.
- 3. LONG RADIUS ELBOWS SHALL BE USED THROUGHOUT UNLESS OTHERWISE NOTED.
- 4. IF NOT DESIGNATED, FLOOR DRAINS, DRAINAGE AND SANITARY PIPING SHALL BE FOUR (4) INCHES NOMINAL SIZE.
- 5. ALL STORM DRAINAGE LINES SHALL BE AT ONE (1) PERCENT MINIMUM SLOPE UNLESS OTHERWISE INDICATED.
- 6. ALL SANITARY LINES SHALL BE AT TWO (2) PERCENT MINIMUM SLOPE UNLESS OTHERWISE INDICATED.
- 7. EMBEDDED LONGITUDINAL DRAINAGE MAINS SHALL SLOPE WITH THE TRACKS UNLESS OTHERWISE INDICATED.
- 8. INVERT ELEVATIONS AND LOCATIONS OF EXISTING SEWERS, WATER MAINS, GAS MAINS, MANHOLES, ET CETERA ARE APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND INVERT ELEVATIONS IN THE FIELD.
- 9. ALL STEEL PIPE EMBEDDED IN CONCRETE SHALL BE GALVANIZED, UNLESS OTHERWISE NOTED.
- 10. LOCATION, FINISHES AND INSTALLATION FOR ALL FIRE PROTECTION, PLUMBING, DRAINAGE DEVICES AND ACCESS PANELS IN PUBLIC AREAS SHALL BE COORDINATED WITH THE ARCHITECT.

CONFORMED

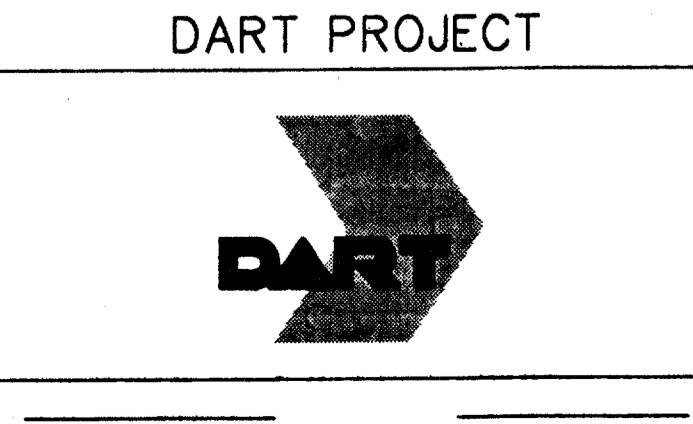
CONTRACT SHEET No. 87 of 95

Revision table with columns: REV., DATE, DESCRIPTION, BY, ENG., CHK., APP.



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Scale and drawing information table: SCALE: NO SCALE, DRAWN: P. JACKSON, DESIGNED: E. BRAUN, CHECKED: W. GERARD, IN CHARGE: V. STEVENS, DATE: 14-AUG-97.

ADDISON TRANSIT CENTER  
PLUMBING STANDARDS ABBREVIATIONS & SYMBOLS  
CONTRACT C-97000136 DWG. No. PC1-0001 REV. 0