

three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot

SITE SYMBOLS - GENERAL

| | |
|--|---|
| | BENCHMARK |
| | CENTER LINE INDICATOR |
| | DEMOLITION LINE |
| | EXISTING TO REMAIN LINE |
| | FEATURES ABOVE LINE INDICATOR |
| | BREAK, ROUND |
| | BREAK, LINEAR |
| | CONNECT TO EXISTING |
| | DETAIL INDICATOR |
| | DIMENSION (CIVIL ONLY) |
| | DRAWING BLOCK TITLE WITH GRAPHIC SCALE (SHOWN HALF ACTUAL SIZE) |
| | ELEVATION INDICATOR |
| | IDENTIFICATION DEVICE INDICATOR |
| | KEYNOTE INDICATOR |
| | FEATURES ABOVE LINE INDICATOR |
| | REVISION INDICATOR (SHOWN WITH CLOUD) |

SITE SYMBOLS - CONCRETE/MASONRY

| | |
|--|------------------|
| | CONCRETE SECTION |
| | CONCRETE PLAN |

SITE SYMBOLS - EARTHWORK

| | |
|--|---|
| | EARTH, CRUSHED ROCK GRAVEL |
| | EARTH, UNDISTURBED |
| | EARTHWORK, COMPACTED FILL |
| | SAND |
| | EARTHWORK, GRAVEL, POROUS FILL |
| | EROSION AND SEDIMENTATION CONTROL, FILTRATION BED |
| | RIPRAP |

SITE SYMBOLS - IMPROVEMENTS

| | |
|--|--------------------------|
| | ASPHALT, SECTION |
| | ASPHALT, PLAN |
| | FENCE |
| | TREE, DECIDUOUS NEW |
| | TREE, DECIDUOUS EXISTING |

SITE SYMBOLS - UTILITIES

| | |
|--|--|
| | WATER VALVE |
| | DRAIN LINE |
| | WATER LINE, EXISTING |
| | PIPE, DUCTILE IRON x DENOTES LINE SIZE |
| | DRAIN LINE, STORM |
| | COMPRESSED AIR LINE |
| | GAS LINE |
| | GATE VALVE |
| | CONDENSATE LINE |
| | RETURN LINE, CONDENSER WATER |
| | CHILLED WATER SUPPLY LINE |
| | CHILLED WATER RETURN LINE |
| | NATURAL GAS LINE |
| | SUPPLY LINE, LOW TEMPERATURE HOT WATER |
| | POWER LINE |
| | CABLE TELEVISION LINE |
| | CLOSED CIRCUIT TELEVISION LINE |
| | FIBEROPTICS LINE |
| | TELEPHONE LINE |
| | UTILITY, WATER MANHOLE |
| | HYDRANT, FIRE |
| | UTILITY, UTILITY POLE |
| | UTILITY, SANITARY MANHOLE |
| | SANITARY SEWER |
| | UTILITY, SANITARY CLEANOUT |
| | ELECTRICAL, GUY WIRE |
| | UTILITY, ELECTRICAL MANHOLE |
| | VALVE, POST INDICATOR |

General Civil Notes

- All building domestic and fire water lines indicated for replacement shall be replaced to a point within 5 feet All building domestic and fire water lines indicated for replacement shall be replaced to a point within 5 feet +/- of the building face (5 foot building line) unless otherwise indicated.
- Existing water distribution system must remain in operation continuously until new system is fully operational.
- Where new water distribution system crosses existing distribution, new system shall cross under existing system unless specifically permitted otherwise by COR.
- Locations of existing utilities and improvements are approximate and for information only. Contractor shall refer to project specifications for requirements relating to locating existing utilities and laying out the work.
- Waterline alignments shown are approximate. Actual installation may vary based on site conditions.
- Cap all abandoned building service lines. Remove at least one pipe joint from connection point at 5 foot building line.
- Existing piping system to be abandoned in place after new system is accepted and in use.
- Remove all fire hydrants from existing system after system is abandoned. Mark all inoperable hydrants by bagging or out of service rings until they are removed. Cap all abandoned hydrant lines.
- Return all disturbed pedestrian and vehicular pavements to usable condition immediately as part of continuing construction operations. Provide permanent repairs to pedestrian and vehicular pavements no later than 7 calendar days from initial disturbance. IF PERMANENT REPAIRS ARE NOT MADE WITHIN 7 CALENDAR DAYS, NO ADDITIONAL SURFACE DISTURBANCE MAY OCCUR UNTIL ALL PENDING PERMANENT PAVEMENT REPAIRS ARE COMPLETE.
- Alignment shown is general. Make variations in horizontal and vertical alignment as necessary to avoid conflicts with existing utilities and construction to remain.
- For each tree removed in this work, the contractor shall replace with two trees of like species (as approved by COR) of DBH of 4 inches, unless noted otherwise. These shall be planted in a location as designated by the COR.

Approved: Energy Engineer

Approved: Safety Manager

Approved: Service Chief

Drawing Title C-002
CIVIL SITE SYMBOLS

Project Title
UPGRADE WATER DISTRIBUTION

Date
05-25-12

Project No.
658-12-104

Approved: Chief of Facility Management Svc.

Building Number
NORTH SITE

Checked
EBC

Drawn
WBJ

DRAWING NO.
2559

Approved: Medical Center Director
V.A.M.C. SALEM 24153

Location
V.A.M.C. SALEM 24153

Dwg. 3 Of 22

Veterans
Affairs