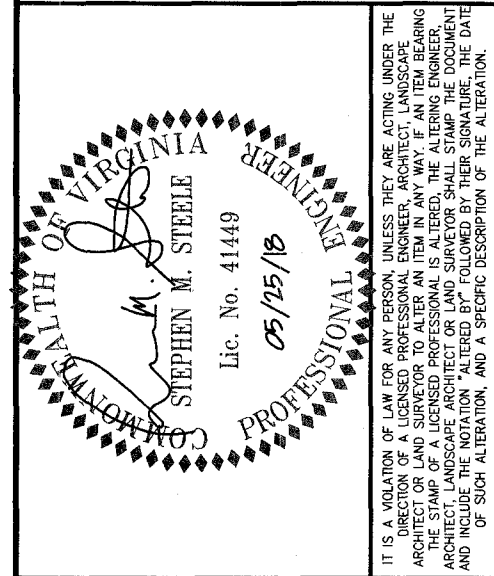


File: V:\PROJECTS\ANY\K4\33834\CA00\G-004 ABBREVIATIONS.DWG
Saved: 5/22/2018 10:49:50 AM Plotted: 5/25/2018 1:15:09 PM Current User: Squires, Alan LastSavedBy: 5594

| TABLE OF ABBREVIATIONS (NOT ALL ABBREVIATIONS MAY HAVE BEEN USED) | | | | | | | | | | | |
|---|--|------|----------------------------|-------|---|---------|---|----------|----------------------------------|----------|---|
| AASHTO | AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS | CFM | CUBIC FEET PER MINUTE | FFE | FINISHED FLOOR ELEVATION | MIN | MINIMUM | R | RADIUS | SY | SQUARE YARD |
| ABS | ACRYLONITRILE BUTADIENE STYRENE | CI | CURB INLET OR CAST IRON | FT | FOOT OR FEET | MISC | MISCELLANEOUS | RAD | RADIAL | TAN | TANGENT |
| AC | ACRE OR ASBESTOS CONCRETE PIPE | CIP | CAST IRON PIPE | GAL | GALLON | MJ | MECHANICAL JOINT | RCCP | REINFORCED CONCRETE CULVERT PIPE | TC | TOP OF CURB |
| ACCM | ASPHALT COATED CORRUGATED METAL | CL | CLASS OR CENTERLINE | GPM | GALLONS PER MINUTE | MON | MONUMENT | RCP | REINFORCED CONCRETE PIPE | TE | TEMPORARY CONSTRUCTION EASEMENT |
| AFF | ABOVE FINISHED FLOOR | CMP | CORRUGATED METAL PIPE | GRAV | GRAVEL | N | NORTH | RD | ROOF DRAIN | TEL | TELEPHONE |
| ALT | ALTERNATE | CO | CLEANOUT | GRD | GROUND OR GRADE | NAVAIDS | NAVIGATIONAL AIDS | REINF | REINFORCING | TEMP | TEMPORARY |
| APPROX | APPROXIMATE | CONC | CONCRETE | GV | GATE VALVE | NIC | NOT IN CONTRACT | REQD | REQUIRED | TF | TOP OF FRAME |
| ARV | AIR RELEASE VALVE | CR | COUNTRY ROAD | HDPE | HIGH DENSITY POLYETHYLENE PIPE | NOTAM | NOTICE TO AIRMEN | ROW | RIGHT-OF-WAY | TRANS | TRANSFORMER OR TRANSVERSE |
| ASPH | ASPHALT | CSP | CORRUGATED STEEL PIPE | HORIZ | HORIZONTAL | O/S | OFFSET | ROW W/A | RIGHT-OF-WAY WITH ACCESS | TSA | TAXIWAY SAFETY AREA |
| ASZ | AIRPORT SAFETY ZONE | CTR | CENTER | HP | HIGH POINT OR HORSE POWER | OFA | OBJECT FREE AREA | ROW WO/A | RIGHT-OF-WAY WITHOUT ACCESS | TV | TELEVISION |
| ATCT | AIR TRAFFIC CONTROL TOWER | CULV | CULVERT | HPS | HIGH PRESSURE SODIUM | OFZ | OBSTACLE FREE ZONE | RPM | REVOLUTIONS PER MINUTE | TWY, T/W | TAXIWAY |
| AWG | AMERICAN WIRE GAUGE | CV | CHECK VALVE | HR | HAND RAIL OR HOUR | OAR | OWNER'S AUTHORIZED REPRESENTATIVE | RR | RAILROAD | TYP | TYPICAL |
| BL | BASELINE | CY | CUBIC YARD | HT | HEIGHT | PL | PROPERTY LINE | RSA | RUNWAY SAFETY AREA | UD, U/D | UNDERDRAIN |
| BB | BOTTOM OF BANK OR BERM | D | DRAIN | HW | HEADWALL | PC | PRESSURE CLASS | RT | RIGHT | U(ND)G | UNDERGROUND |
| BC | BOTTOM OF CURB | DI | DROP INLET OR DUCTILE IRON | HYD | HYDRANT | PE | PERMANENT UTILITY EASEMENT | RW | RETAINING WALL | UTIL | UTILITY |
| BFE | BASEMENT FLOOR ELEVATION | DIA | DIAMETER | IN | INCH(ES) | PERF | PERFORATED | RWY, R/W | RUNWAY | VC | VERTICAL CURVE |
| BLDG | BUILDING | DIP | DUCTILE IRON PIPE | IPS | IRON PIPE SIZE | PERP | PERPENDICULAR | S | SOUTH | VCP | VITRIFIED CLAY PIPE |
| BM | BENCHMARK | DWG | DRAWING | IP(F) | IRON PIPE (FOUND) | PP | POWER POLE, POWER PANEL | SCH | SCHEDULE | VERT | VERTICAL |
| BOT | BOTTOM | E | EAST | JB | JUNCTION BOX | PPM | PARTS PER MILLION | SDR | STANDARD DIMENSION RATIO | VOL | VOLUME |
| BRL | BUILDING RESTRICTION LINE | EA | EACH | LAT | LATITUDE | PRC | POINT OF REVERSE CURVATURE | SF | SQUARE FOOT OR SQUARE FEET | W | WEST |
| BSMT | BASEMENT | EJ | EXPANSION JOINT | LB | POUND | PSF | POUNDS PER SQUARE FOOT | SH | STATE HIGHWAY | W/ | WITH |
| BVC | BEGINNING OF VERTICAL CURVE | ELEC | ELECTRIC | LF | LINEAR FOOT OR LINEAR FEET | PSI | POUNDS PER SQUARE INCH | SHT | SHEET | WF | WOOD FRAME |
| BW | BOTTOM OF WALL | ELEV | ELEVATION | LONG | LONGITUDE | PT | POINT OR POINT OF TANGENCY | SMH | SANITARY MANHOLE | WL | WATER LINE |
| C | CHORD | EOL | END OF LINE | LP | LAMP POST, LIGHT POLE, LIGHT PANEL OR LOW POINT | PVC | POINT OF VERTICAL CURVATURE OR POLYVINYL CHLORIDE | SPECS | SPECIFICATIONS | W/O | WITHOUT |
| CAP | CORRUGATED ALUMINUM PIPE | EOP | EDGE OF PAVEMENT | LT | LEFT | PVI | POINT OF VERTICAL INTERSECTION | SS | SANITARY SEWER | WW | WING WALL |
| CB | CATCH BASIN | EX | EXISTING | MFR | MANUFACTURER | PVT | POINT OF VERTICAL TANGENCY | STA | STATION OR STATIONARY | WWF | WELDED WIRE FABRIC OR WOVEN WIRE FABRIC |
| CF | CUBIC FOOT OR CUBIC FEET | FD | FLOOR DRAIN | MH | MANHOLE | PWR | POWER | STMH | STORM MANHOLE | | |
| | | FDN | FOUNDATION | | | | | STY | STORY | | |

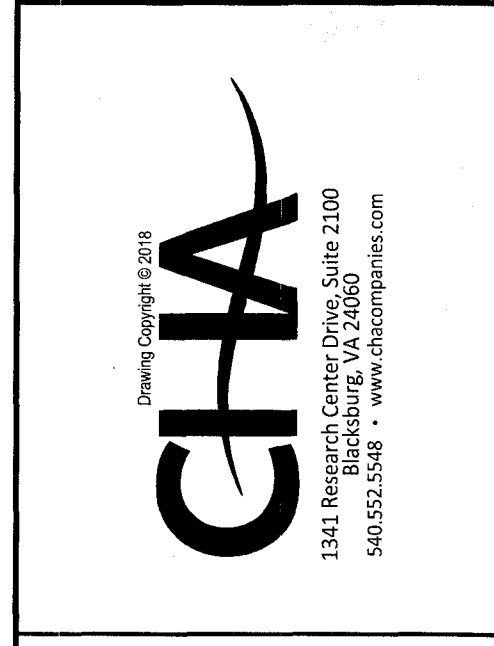


WESTERN VIRGINIA WATER AUTHORITY
SUNNYBROOK DRIVE
WATER MAIN REPLACEMENT
ROANOKE COUNTY, VIRGINIA

| No. | Submitted / Revision | App'd By | Date |
|-----|----------------------|----------|---------|
| 1 | 90% SUBMITTAL | SMS/MBH | 5-18-18 |
| 2 | CLIENT REVIEW | SMS/MBH | 5-25-18 |
| | | | |
| | | | |
| | | | |

| ABBREVIATIONS | | |
|---------------|-------------|-------------|
| Designed By: | Drawn By: | Checked By: |
| MBH | RAS | LES |
| Issue Date: | Project No: | Scale: |
| 05/18/18 | 33834 | AS SHOWN |

Drawing No.:
G-004



WESTERN VIRGINIA WATER AUTHORITY
ROANOKE, VIRGINIA