



SCALE:
 PLAN: 1"=20'
 PROFILE: 1"=20' HORIZ.
 1"=5' VERT.

- SEPARATION OF WATER MAINS AND SANITARY SEWERS:**
1. A MINIMUM HORIZONTAL DISTANCE OF 10 FEET SHALL BE MAINTAINED BETWEEN WATER AND SEWER LINES. AT POINT WHERE SEWERS CROSS WATER MAINS, THE SEWER SHALL BE CONSTRUCTED OF DUCTILE IRON PIPE WITH GASKETED, PUSH ON, OR MECHANICAL JOINTS. PVC WITH GASKETED PUSH ON JOINTS, OR PIPE ENCASED IN CONCRETE FOR A DISTANCE OF 10 FEET BEYOND THE OUTER DIAMETER OF THE WATER MAIN BEING CROSSED IN EACH DIRECTION OF THE CROSSING UNLESS THE WATER MAIN IS AT LEAST 2 FEET ABOVE THE SEWER. THESE PROVISIONS ALSO APPLY WHERE WATER SERVICE LINES AND SANITARY SEWER LATERALS ARE CONCERNED.
 2. WHERE A WATER MAIN MUST CROSS A SEWER LINE, MAINTAIN 2 FEET VERTICAL SEPARATION WITH THE WATER MAIN ABOVE THE SEWER.
 3. BUILDERS TO MAINTAIN MINIMUM 10' SEPARATION FROM SEWER MANHOLES WHEN RUNNING WATER SERVICE LINES TO HOUSE.
 4. ALL SANITARY SEWER SERVICE LINE WILL BE AT A MIN 2% GRADE.
 5. ALL NORTHING AND EASTING WAS TAKEN FROM CENTER OF STRUCTURE. REFERENCE DETAIL FOR ACTUAL LID LOCATION.

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| PROJ. NO. | E19D2322-1 | |
| DESIGNER | JMO | |
| DRAWN BY | TDA | |
| CFN | 2322-1SPP | |
| SHEET | 19 | |
| REV | 0 | |
| REV | DATE | DESCRIPTION |
| 0 | 09/08/21 | INITIAL ISSUE |
| | | JMO |
| | | TDA |
| | | JMO |
| | | CHK |

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CEDAR RIDGE ADDITION - PHASE 2
 TIMBER RIDGE DRIVE
 SALINA, KANSAS 67401

SITE DEVELOPMENT PLANS
SANITARY SEWER LINE 'A' - PLAN & PROFILE