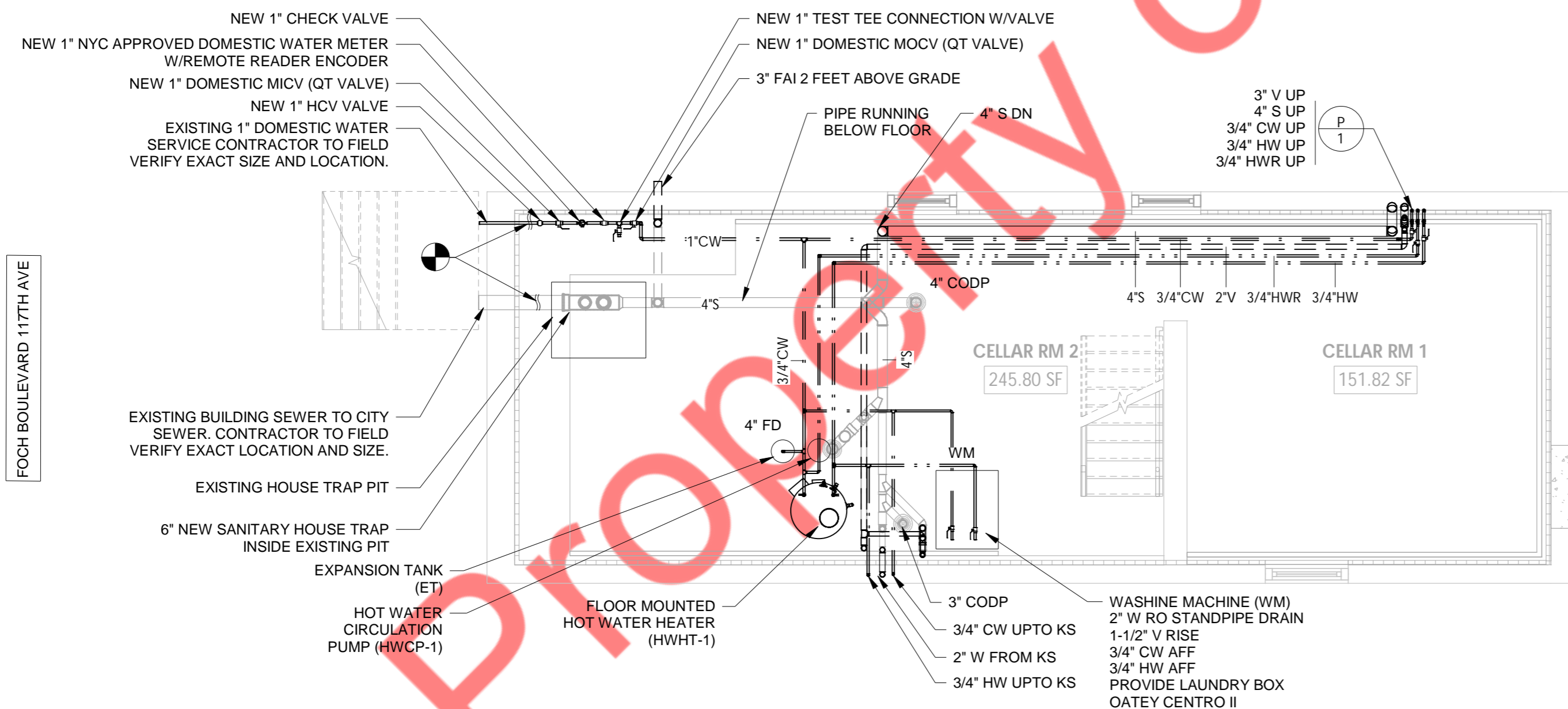


2 1ST FLOOR PLUMBING PLAN
1/4" = 1'-0"



1 CELLAR PLUMBING PLAN
1/4" = 1'-0"

DRYWELL CALCULATIONS

TOTAL STORM DISCHARGE TO DRYWELL

TOTAL LOT AREA = 2079 SQ. FT.

TOTAL AREA TO DRYWELL = 2079 SQ. FT.

ROOF AREA FLOW Q = (662/43560) X 5.95 X 0.95 = 0.0859 CFS

ASPHALT AREA FLOW Q = (527/43560) X 5.95 X 0.70 = 0.0503 CFS

GRASS AREA FLOW Q = (890/43560) X 5.95 X 0.2 = 0.0243 CFS

TOTAL Q = 0.161 CFS

VOLUME BASED ON 3 - INCHES OF RAINFALL PER HOUR

VOL. OF DRYWELL REQ. FOR ROOF AREA = 662 X (3X0.95)/12 = 157.22 CF

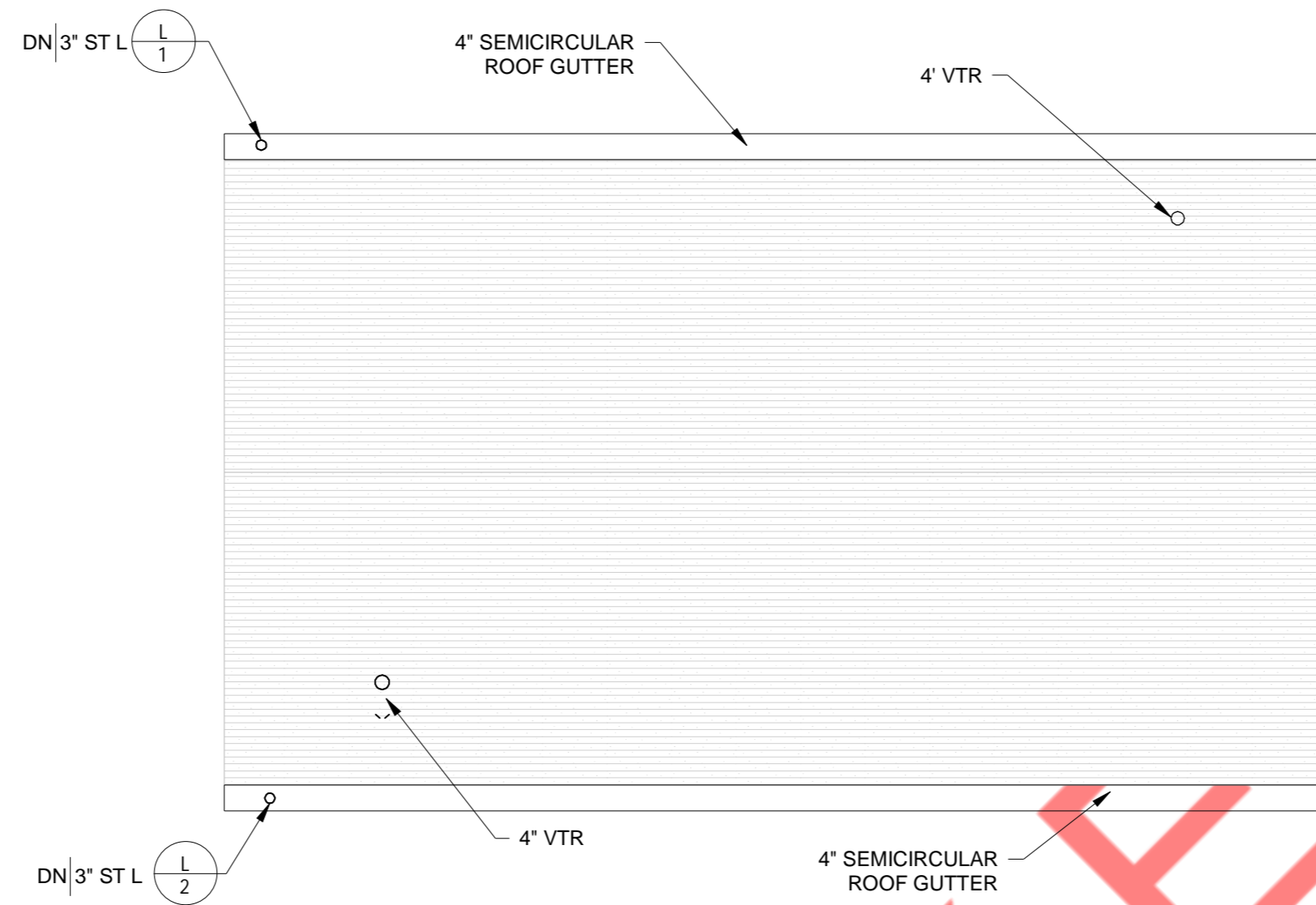
VOL. OF DRYWELL REQ. FOR ASPHALT AREA = 527 X (3X0.70)/12 = 92.22 CF

VOL. OF DRYWELL REQ. FOR GRASS AREA = 890 X (3X0.2)/12 = 44.5 CF

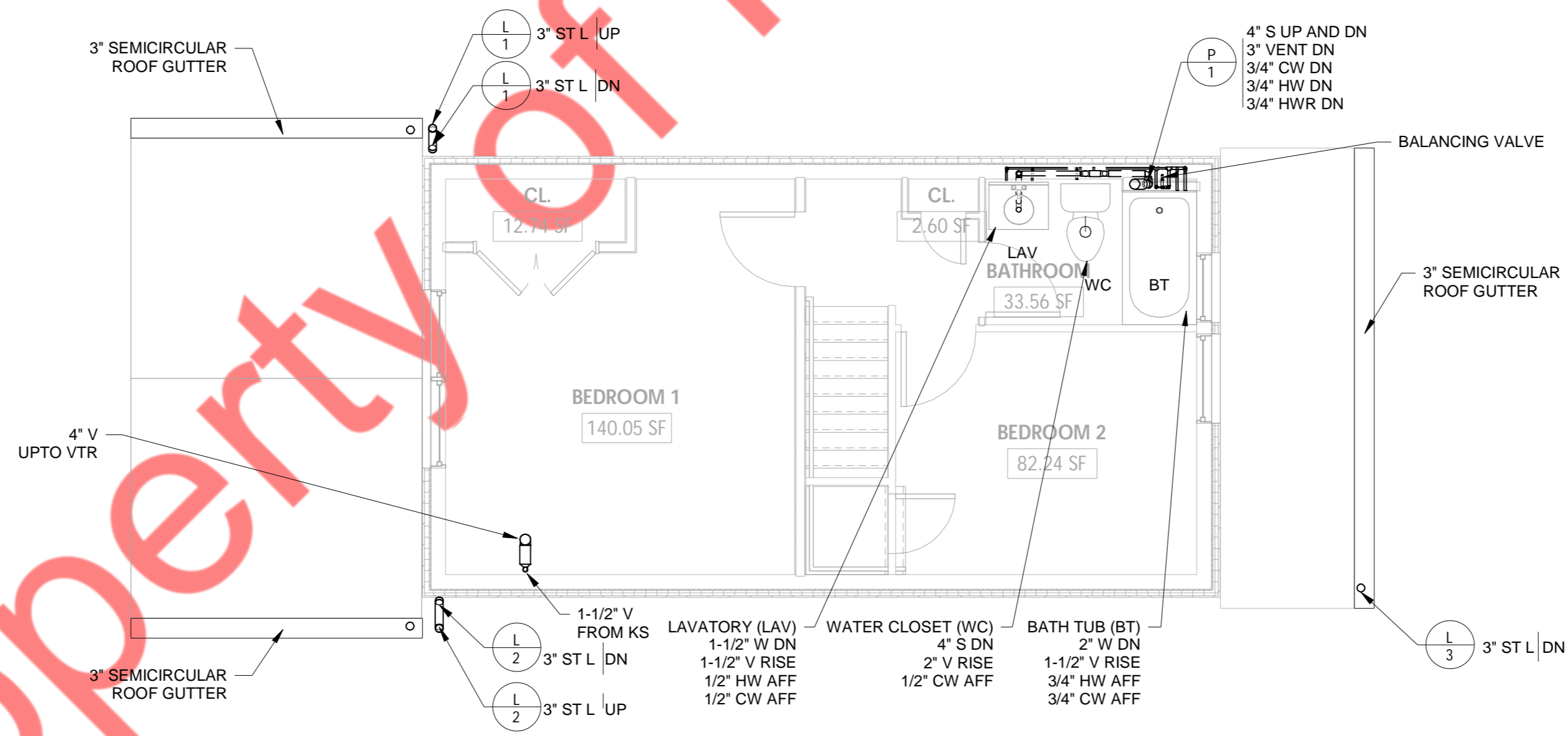
TOTAL VOLUME OF DRYWELL REQUIRED = 293.94 CF

PROVIDED DRYWELL VOLUME = 7' (D) X 9.2' (H) = 353.4 CF

- GENERAL NOTES**
- EXISTING LOW PRESSURE GAS SERVICE TO BE CAPPED.
 - CONTRACTOR TO FIELD VERIFY EXACT LOCATION OF EXISTING SEWER AND CONNECT ALL NEW SANITARY AND STORM SYSTEM TO EXISTING SEWER.
 - CONTRACTOR FIELD VERIFY EXACT LOCATION OF INCOMING DOMESTIC WATER SERVICE AND CONNECT TO NEW COLD WATER SYSTEM.



2 ROOF PLUMBING PLAN
1/4" = 1'-0"



1 2ND FLOOR PLUMBING PLAN
1/4" = 1'-0"