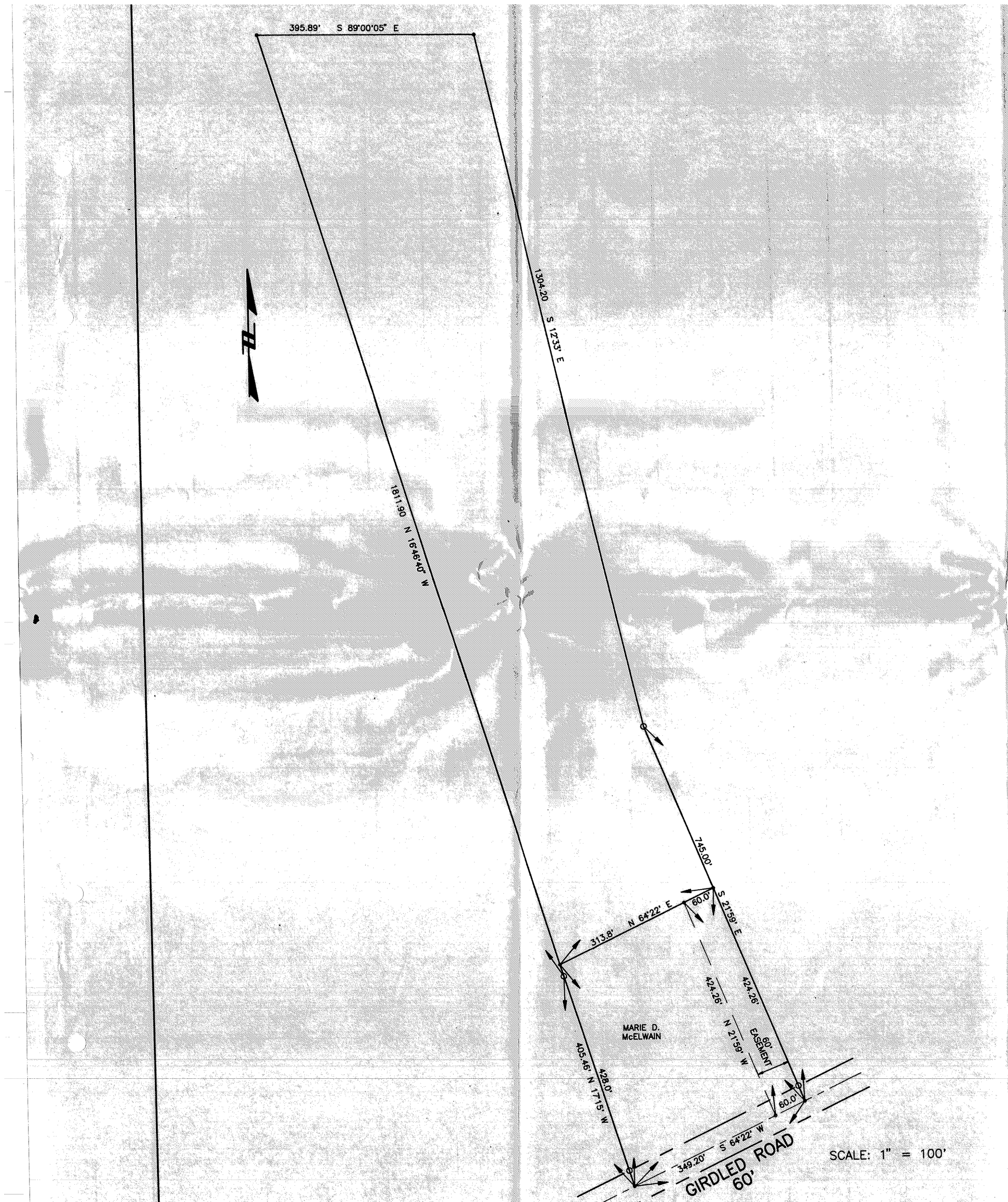
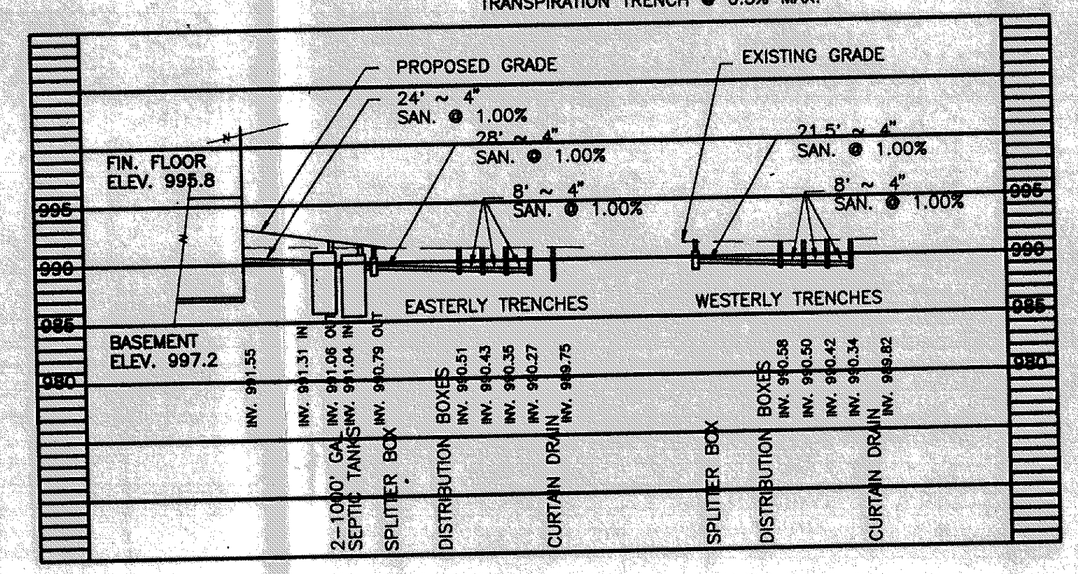
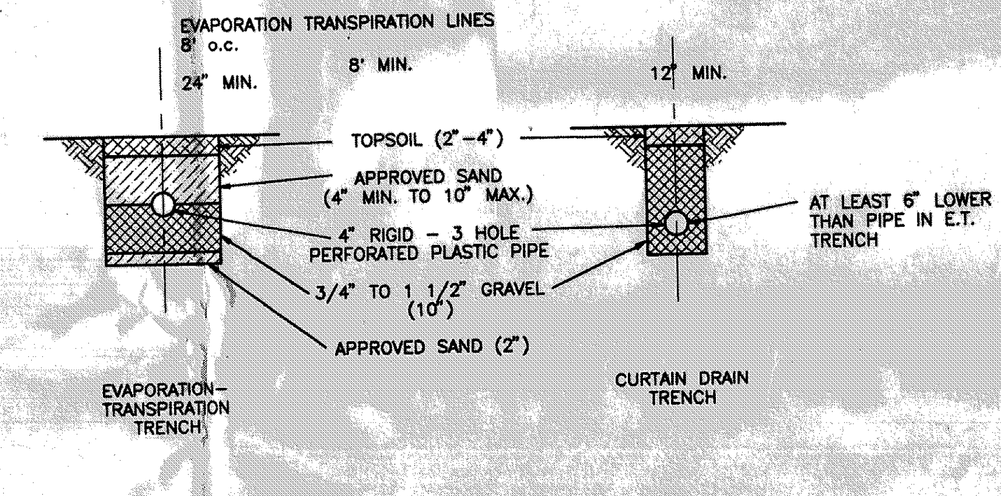


TYPICAL TRENCH FROM EACH DISTRIBUTION BOX
125' ~ 4" PERFORATED EVAPORATION–
TRANSPIRATION TRENCH @ 0.5% MAX.





NOTES:

1. SYSTEM TRENCHES ARE SEPARATED BY 6 FT. (8' CENTER TO CENTER FOR 2 FT. WIDE TRENCH)
2. DEPTH SHALL BE A MINIMUM OF 18" BUT NOT MORE THAN 30".
3. LEVEL AND ROUGH SIDES AND BOTTOM.
4. TWO (2") INCHES OF SAND PLACED ON BOTTOM OF TRENCH. SIX (6") INCHES OF CLEAN GRAVEL OR STONE FILL 3/4" IN SIZE PLACED ON TOP OF SAND.
5. THE DISTRIBUTION LINE SHALL NOT EXCEED A FALL OF 3" IN 50'.
6. FOUR (4") INCH DIAMETER PVC.
7. TWO (2") INCHES OF GRAVEL PLUS 2" OF SAND PLACED AROUND PIPES.
8. AVERAGE 6" LAYER OF SAND PLACED ON TOP OF PIPE.
9. EXCAVATION COVERED WITH TOPSOIL AND PLANTED GRASS.
10. SURFACE GRADED AWAY FROM FIELD.
11. A CURTAIN DRAIN SHALL BE PROVIDED TO PROTECT THE AREA BEING UTILIZED TO DISSIPATE THE EFFLUENT USING PRINCIPALLY THE METHOD OF TRANSPIRATION AND EVAPORATION FROM STORM WATER AND SOILS SUBJECT TO A SEASONABLE HIGH GROUND WATER TABLE. THE CURTAIN DRAIN SHALL BE INSTALLED NOT LESS THAN 6" BELOW THE LEACHING TRENCH BOTTOM AND SHALL BE AT LEAST 8' FROM THE CENTERLINE OF ANY LEACHING LINE.