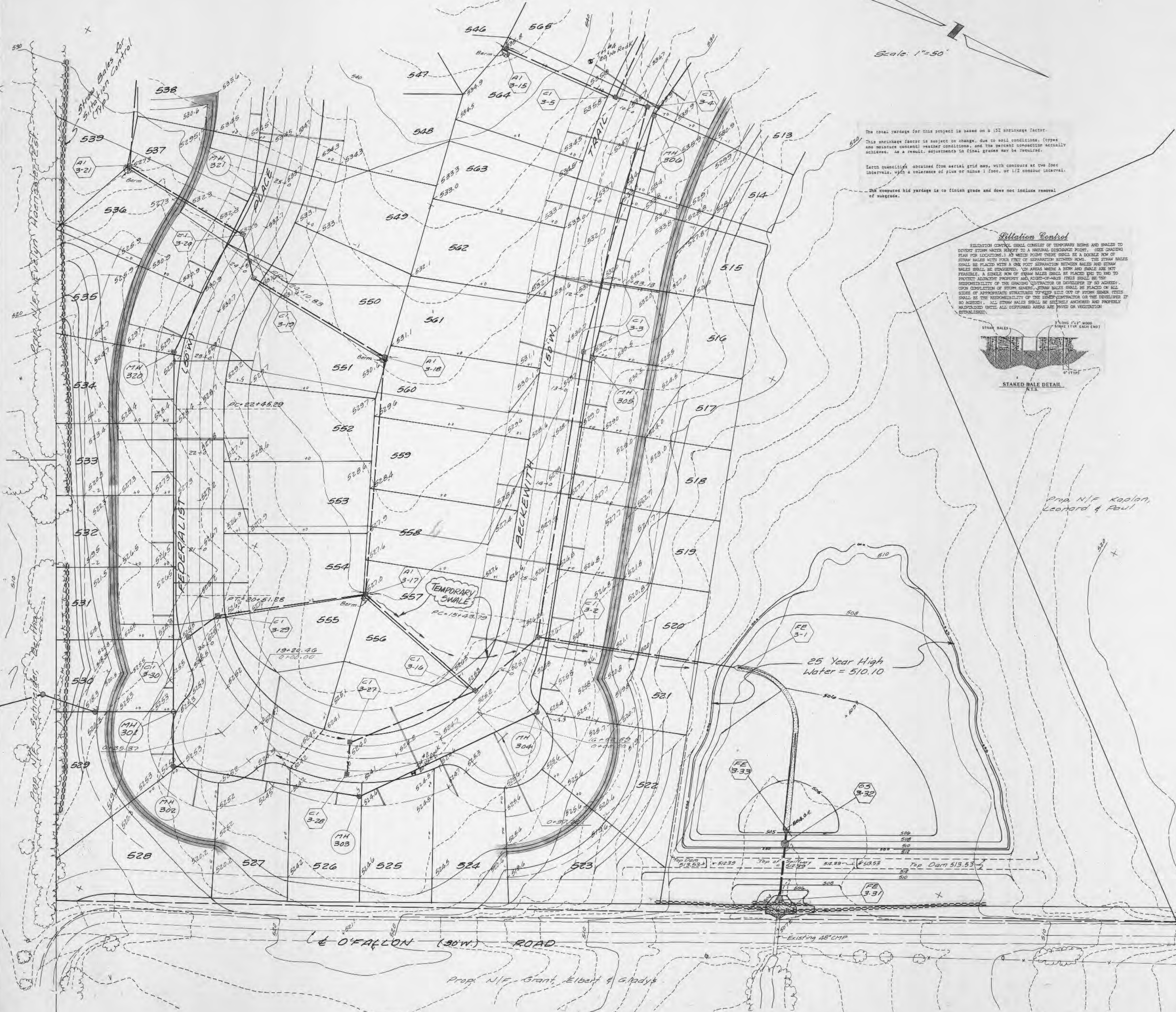


See Sheet 4/19

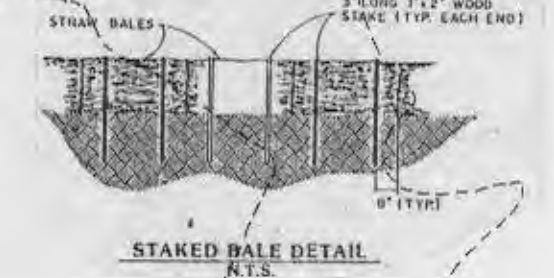
Scale: 1"=50'



The total yardage for this project is based on a 13% surcharge factor.  
 This surcharge factor is subject to change, due to soil conditions, (types and moisture content) weather conditions, and the percent compaction actually achieved. As a result, adjustments in final grades may be required.  
 Each quantity obtained from aerial grid map, with contours at the 2-foot intervals, with a tolerance of plus or minus 1 foot, or 1/2 contour interval.  
 The proposed bid yardage is to finish grade and does not include removal of subgrade.

**Siltation Control**

EROSION CONTROL SHALL CONSIST OF CONTOUR BARRIERS AND BARRIERS TO DIVERT FROM SLOPES SUBJECT TO A MINIMAL DISCHARGE POINT. SEE GRADING PLAN FOR LOCATIONS. AT EACH POINT THERE SHALL BE A DOUBLE ROW OF STRAW BALES WITH FEET FEET OF SEPARATION BETWEEN ROWS. THE STRAW BALES SHALL BE PLACED WITH A ONE FOOT SEPARATION BETWEEN BALES AND STRAW BALE ROWS SHALL BE STAGGERED. THE BARRIERS SHALL BE PLACED AT THE FEASIBLE, A SINGLE ROW OF STRAW BALES SHALL BE PLACED TO THE TO PROTECT EXISTING PROPERTY AND ADJACENT AREAS (THIS SHALL BE THE RESPONSIBILITY OF THE GRADING CONTRACTOR OR DEVELOPER IF SO AGREED). UPON COMPLETION OF EROSION CONTROL, STRAW BALES SHALL BE PLACED ON ALL SLOPES OF APPROPRIATE STRUCTURES TO KEEP SILT OUT OF STORM SEWER PIPES SHALL BE THE RESPONSIBILITY OF THE GRADING CONTRACTOR OR DEVELOPER IF SO AGREED. ALL STRAW BALES SHALL BE PROPERLY ANCHORED AND PROPERLY MAINTAINED UNTIL ALL DISTURBED AREAS ARE PLANTED OR VEGETATION ESTABLISHED.



Prop. N/E Kaplan, Leonard & Paul

25 Year High Water = 510.10

Note: SEDIMENT STORAGE PROVIDED IN DETENTION BASIN

REQUIRED STORAGE: VILLAGE D = 30.86 AC.  
 COMMERCIAL = 18.02 AC.  
 TOTAL = 48.88 AC.

48.88 AC. x 120 CU. FT. / AC. = 5866 CU. FT.  
 5866 CU. FT. / PER YEAR x 2 YEARS = 11,732 CU. FT.  
 (11,732 CU. FT. STORAGE FOR 2 YEARS)

BID YARDAGE: 114,333 cu. yds.  
 (Does not include subgrade)  
 49,902 cu. yds. export to Village 'A'