

GRADING QUANTITY

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138,110 cu.yds.
(INCLUDES 8% SHRINKAGE)
The above yardage is an approximation only, NOT FOR BIDDING PURPOSES. Contractors shall verify quantities prior to construction.
It is the intention of the Engineer for the earthwork to balance on-site. The Engineer shall be notified if any difficulties arise in achieving the balance.

TREE PRESERVATION CALCULATIONS:

TOTAL AREA OF EXISTING TREE MASSES: 22.01 AC.
22.01 AC. X 20% = 4.40 AC.
TOTAL AREA OF PROPOSED CLEARING: 18.34 AC.
TOTAL AREA OF REMAINING TREES: 3.67 AC.
4.40 AC. - 3.67 AC. = 0.73 AC.
0.73 AC. X 15 = 11 TREES

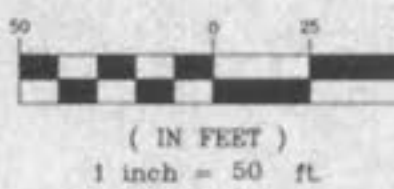
LANDSCAPE REQUIREMENTS:

LENGTH OF CENTERLINE OF STREETS = 5,108 LF.
5,108 LF. X 2 = 10,216 LF.
10,216 LF. / 50 LF. = 204 TREES
TOTAL PROPOSED = 215 TREES

NOTE: PROPOSED REPLACEMENT TREES WILL BE HARDWOOD VARIETIES WITH 2" MINIMUM DIAMETER AND A HEIGHT OF 8' TREES TO BE PLANTED ON THE INDIVIDUAL LOTS WILL BE PLANTED AFTER HOME CONSTRUCTION AND YARD FINISH GRADING BY THE HOMEOWNER AS REQUIRED IN THE COVENANTS AND RESTRICTIONS FOR PINEHURST.

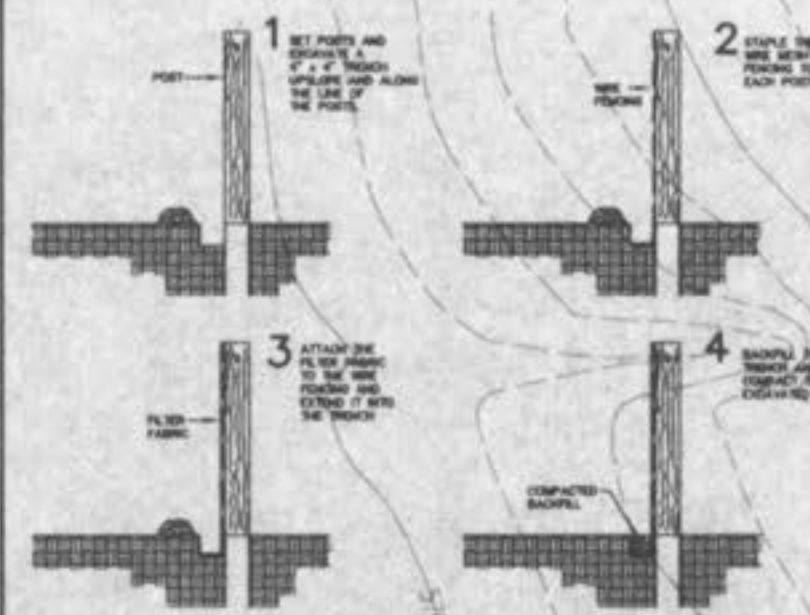


GRAPHIC SCALE



- NOTES:**
1. FORMER SALES NOTARY STAMPS SHALL BE USED.
 2. ALL LOTS OF SALES TOGETHER TOGETHER.
 3. METAL SALES WITH BRASS ANCHORS SHALL NOT BE USED.
 4. ALL LOTS WITH METAL SALES BY METAL LOCKS SHALL BE USED.

SEDIMENT BARRIER



1. ALL SEDIMENT BARRIERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF O'FALLON, ILLINOIS, ORDINANCE NO. 11-01, WHICH IS INCORPORATED BY REFERENCE INTO THE SUBDIVISION MAP. THE BARRIERS SHALL BE CONSTRUCTED TO THE SIDE OF THE DRAINAGE CANAL AND THE BARRIERS SHALL BE CONSTRUCTED TO THE SIDE OF THE DRAINAGE CANAL AND THE BARRIERS SHALL BE CONSTRUCTED TO THE SIDE OF THE DRAINAGE CANAL.

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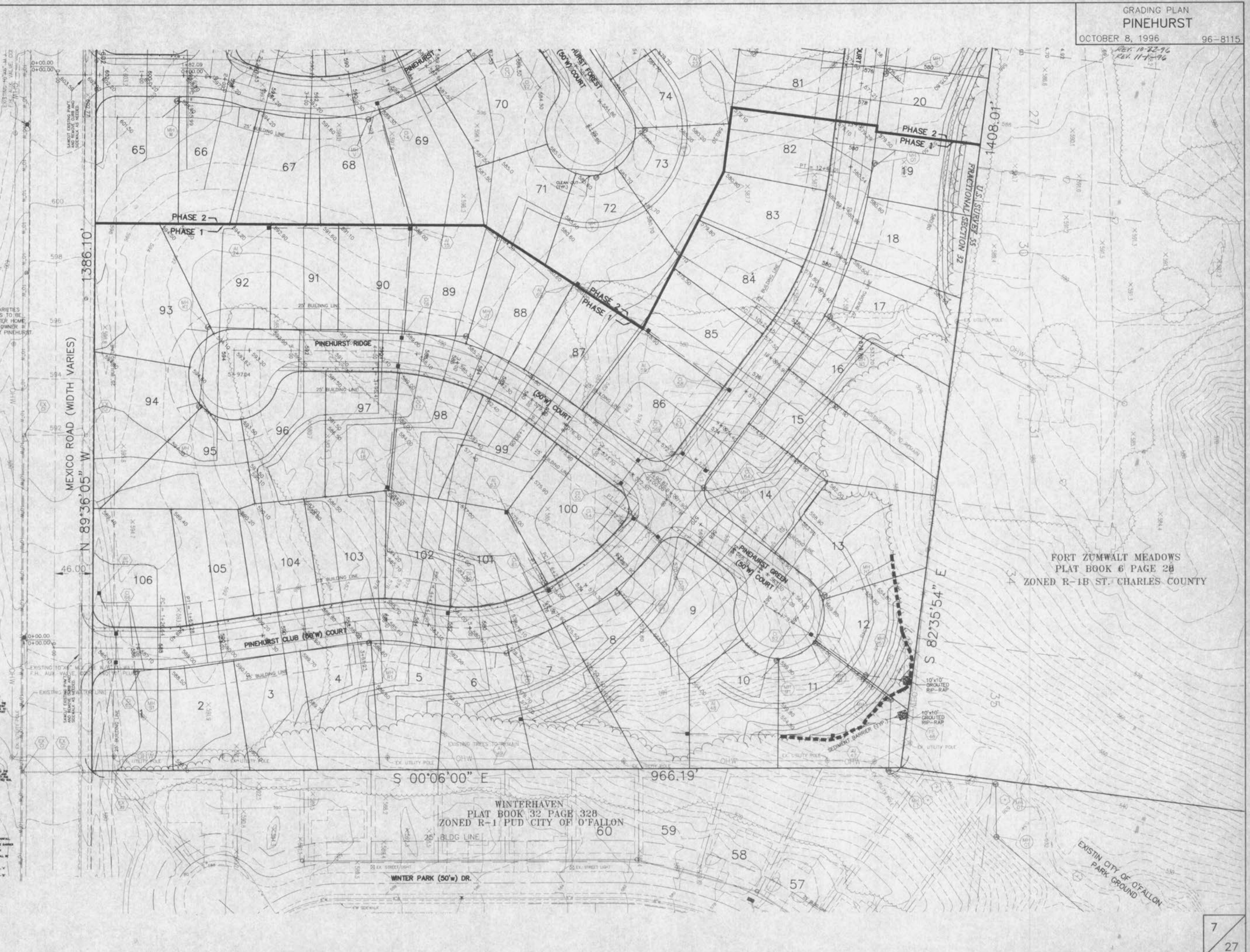
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FORT ZUMWALT MEADOWS
PLAT BOOK 6 PAGE 28
ZONED R-1B ST. CHARLES COUNTY

WINTERHAVEN
PLAT BOOK 32 PAGE 328
ZONED R-1 PUD CITY OF O'FALLON