

EASEMENT GRADING DETAILS

 = AREAS TO BE GRADED
 (AREA SHOWN REPRESENTS DITCH BOTTOM,
 SIDE SLOPES ARE NOT INCLUDED)

 = LOCATION FOR SEDIMENT CONTROL

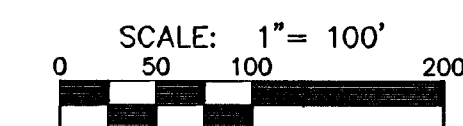
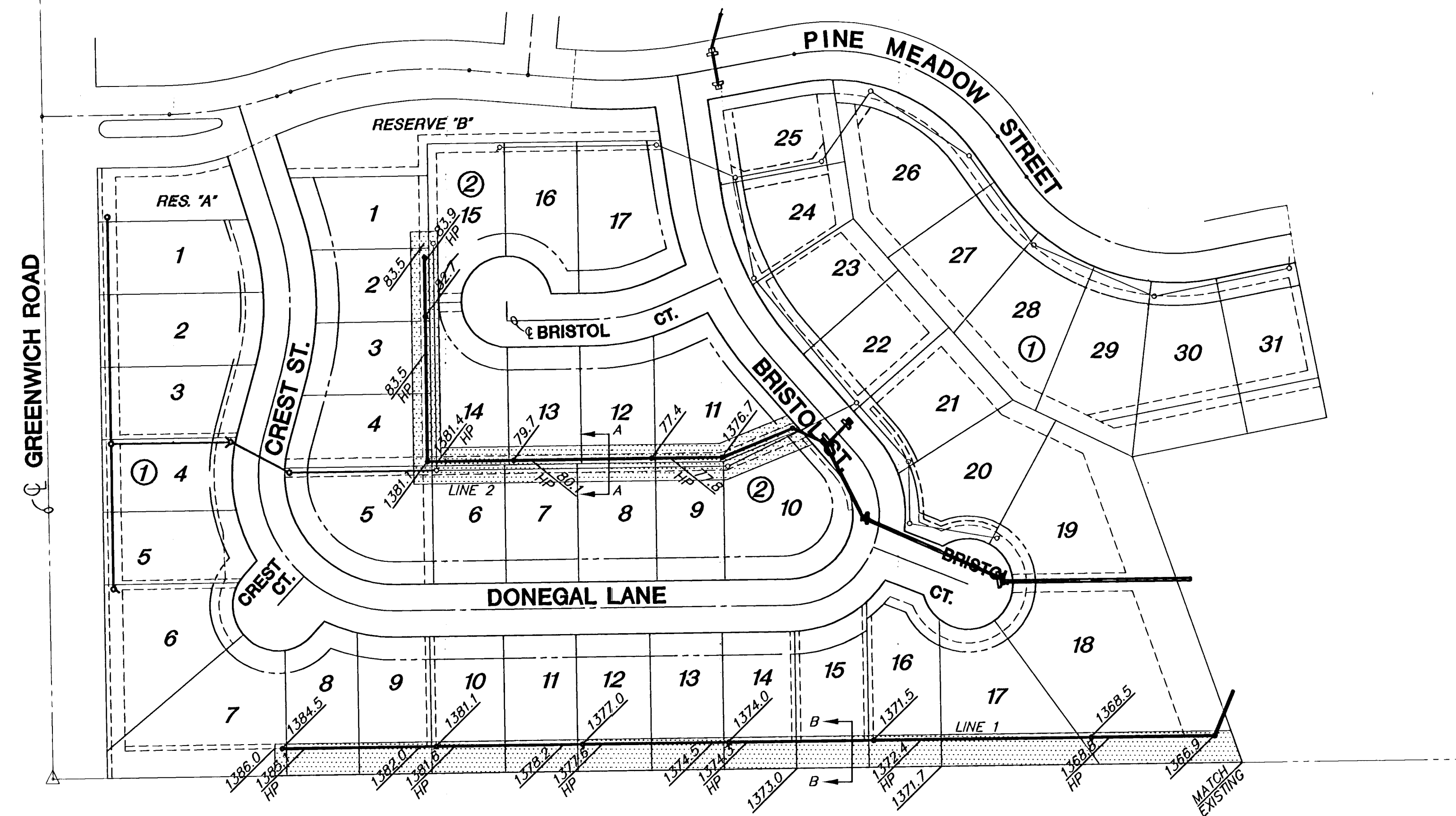
H.P. = HIGH POINT
 M.E. = MATCH EXISTING

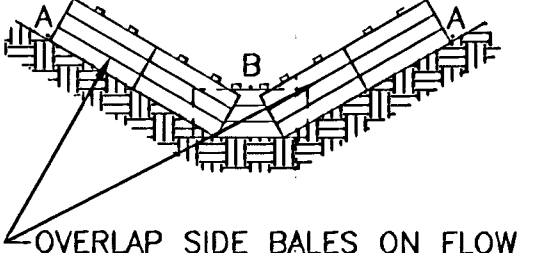
**Graded widths and slopes may vary
 as approved by the Engineer to
 minimize conflict with existing trees.

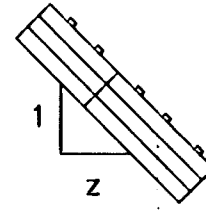
Easement Grading will be bid on a lump sum
 basis for grading the easements to the profile
 and elevations shown on the Easement Grading
 Plan (this sheet). Approximate quantities of
 earthwork for easement grading are shown
 below. These approximate quantities are given
 for information only. The Contractor should
 verify the quantities when preparing the
 proposal.

Cut 416 C.Y. (Approximate)
 Fill 169 C.Y. (Approximate)

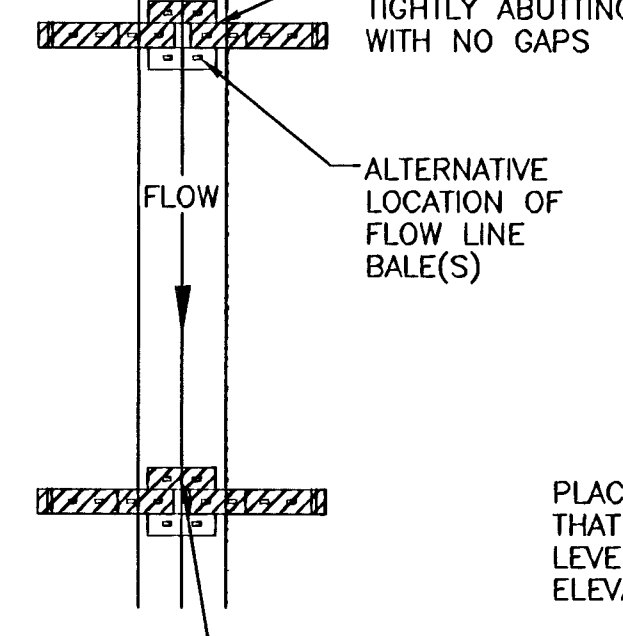
NOTE:
 EXCESS EXCAVATION FROM EASEMENT GRADING
 SHALL BE DISTRIBUTED ON LOTS 7 THRU 12 BLK
 2 OF IRONHORSE AT OXFORD ADDITION OR OTHER
 LOCATION APPROVED BY DEVELOPER. MATERIAL
 SHALL BE PLACED IN MAX. 9" LIFTS AND
 COMPACTED TO 95% STANDARD DENSITY. COST
 SUBSIDIARY TO PROJECT.

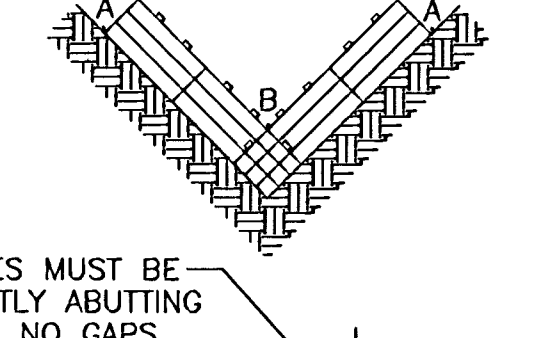


END POINTS "A" MUST BE HIGHER
 THAN FLOW LINE POINT "B"

 OVERLAP SIDE BALES ON FLOW
 LINE BALE(S) TO PREVENT GAPS

18 INCH BY 36 INCH BALES	VALUE OF Z	MINIMUM NUMBERS OF BALES
	10 OR <	1**
	10-35	2**
	35-50	3**
	50-70	4**
	70 OR >	NOT RECOMMENDED

** ASSUMES DEPTH OF WATER
 ABOVE POINT "B" WILL
 NOT EXCEED 6 INCHES

ONE OR MORE BALES IN CHANNEL
 BED TIGHTLY ABUTTING EACH OTHER

 BALES MUST BE
 TIGHTLY ABUTTING
 WITH NO GAPS
 ALTERNATIVE
 LOCATION OF
 FLOW LINE
 BALE(S)
 FLOW
 PLACE DOWNSTREAM BALES SUCH
 THAT POINT "B" IS APPROXIMATELY
 LEVEL WITH THE LOWEST GROUND
 ELEVATION OF THE UPSTREAM BALE

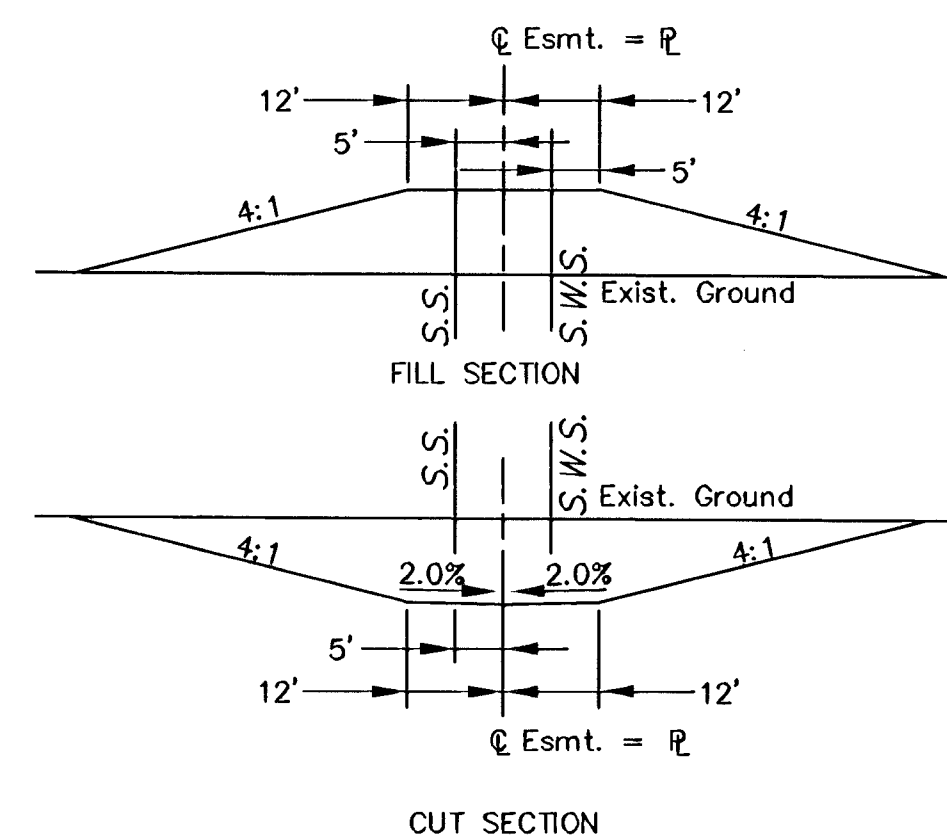
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WIDE CHANNELS

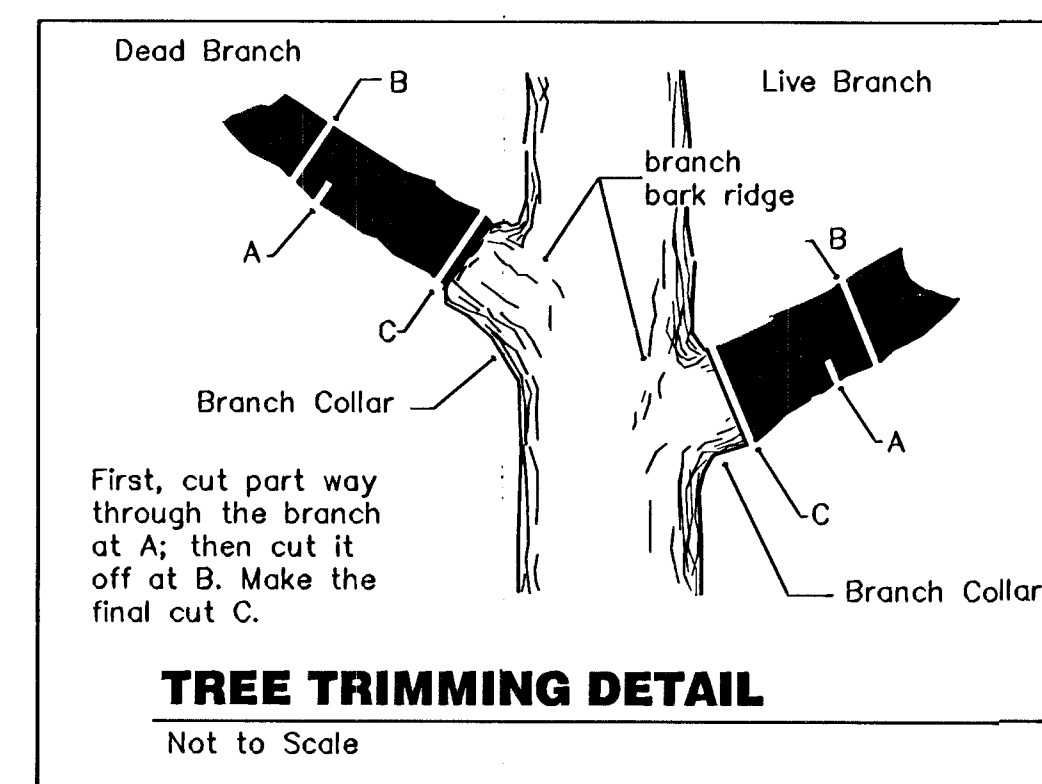
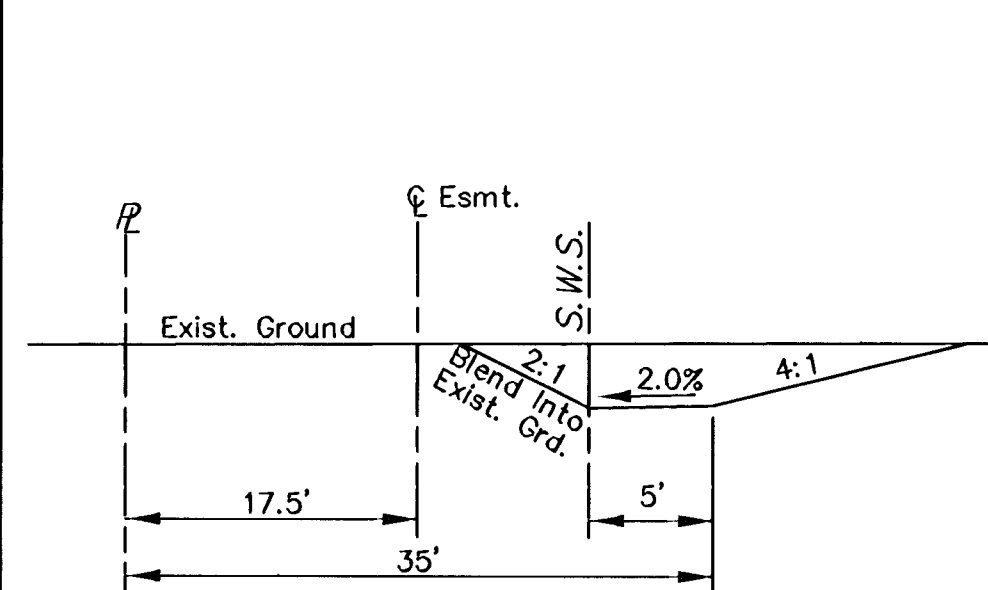
NARROW CHANNELS

STRAW BALE DIKES FOR EASEMENT GRADING

EASEMENT GRADING SECTION A-A



EASEMENT GRADING SECTION B-B




MKEC
 ENGINEERING
 CONSULTANTS
 411 N. WEBB ROAD
 WICHITA, KS. 67206
 316 - 684 - 9600

PINE MEADOW ADDITION
 PROJECT NAME

EASEMENT GRADING DETAILS
 SHEET TITLE

BSH DESIGN BY: JWS DRAWN BY: ASH CHECKED BY:

JULY 2003 DATE: 01077 JOB NO.: 18 / 30 SHEET/OF