

EASEMENT GRADING DETAILS

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

 = LOCATION FOR SEDIMENT CONTROL

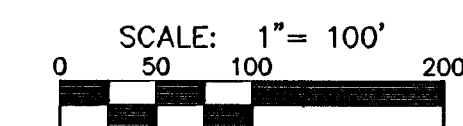
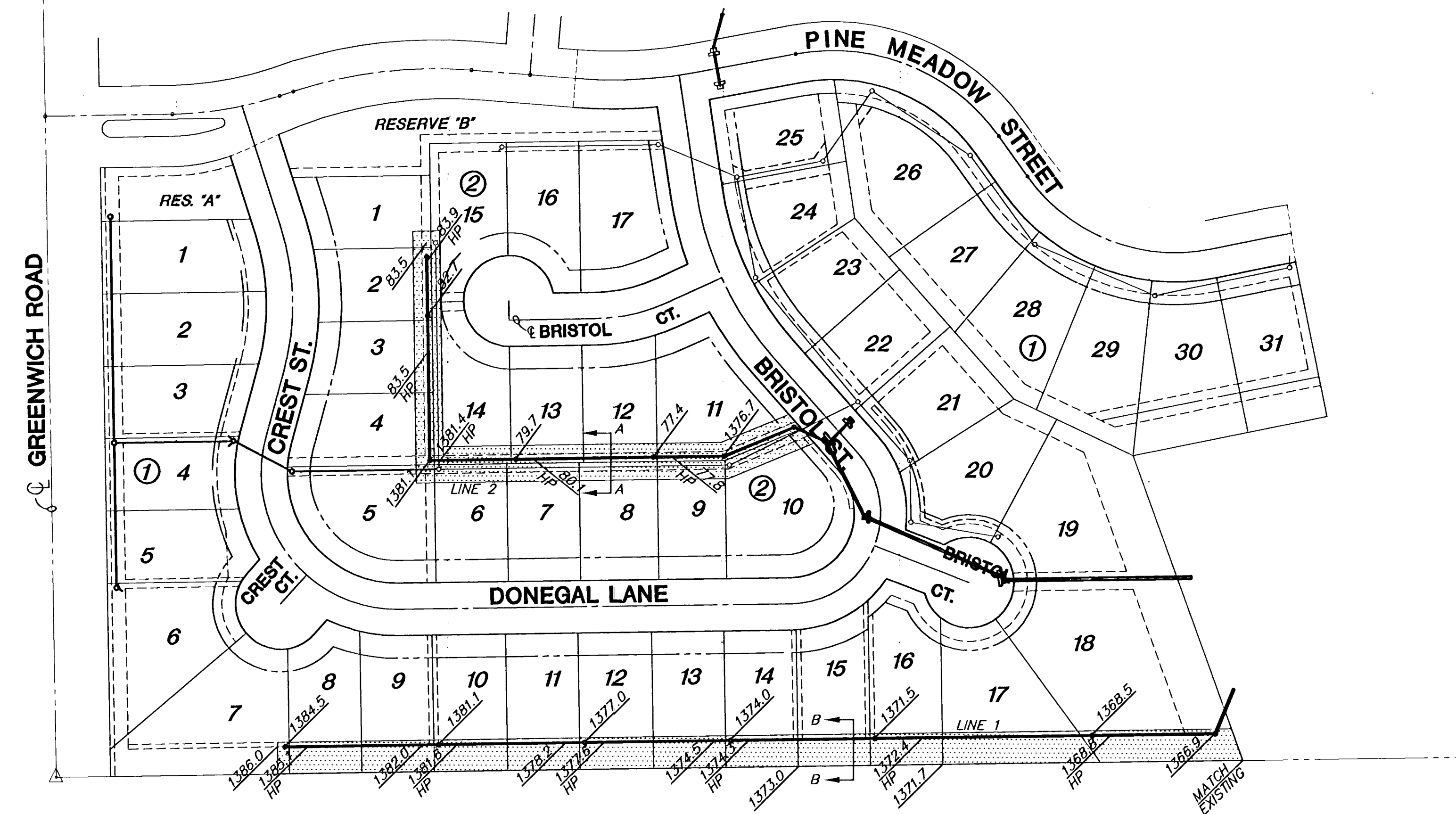
H.P. = HIGH POINT
 M.E. = MATCH EXISTING

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

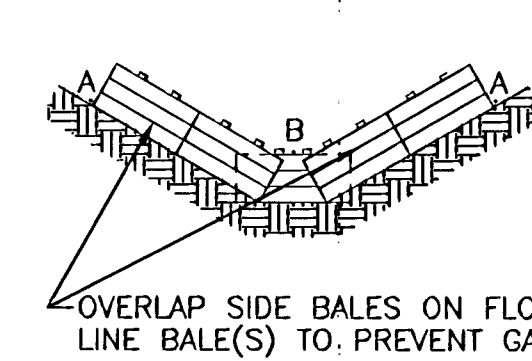
Easement Grading will be bid on a lump sum
 basis for grading the easements to the profile
 and elevations shown on the Easement Grading
 Plan (this sheet). Approximate quantities of
 earthwork for easement grading are shown
 below. These approximate quantities are given
 for information only. The Contractor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

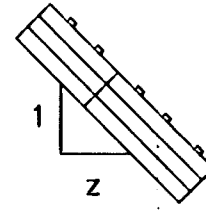
Cut 416 C.Y. (Approximate)
 Fill 169 C.Y. (Approximate)

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"



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

PLACE DOWNSTREAM BALES SUCH
THAT POINT "B" IS APPROXIMATELY
LEVEL WITH THE LOWEST GROUND
ELEVATION OF THE UPSTREAM BALE

FLOW

WIDE CHANNELS

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

BALES MUST BE
TIGHTLY ABUTTING
WITH NO GAPS

FLOW

PLACE DOWNSTREAM BALES SUCH
THAT POINT "B" IS APPROXIMATELY
LEVEL WITH THE LOWEST GROUND
ELEVATION OF THE UPSTREAM BALE

PLACE DOWNSTREAM BALES SUCH
THAT POINT "B" IS APPROXIMATELY
LEVEL WITH THE LOWEST GROUND
ELEVATION OF THE UPSTREAM BALE

FLOW

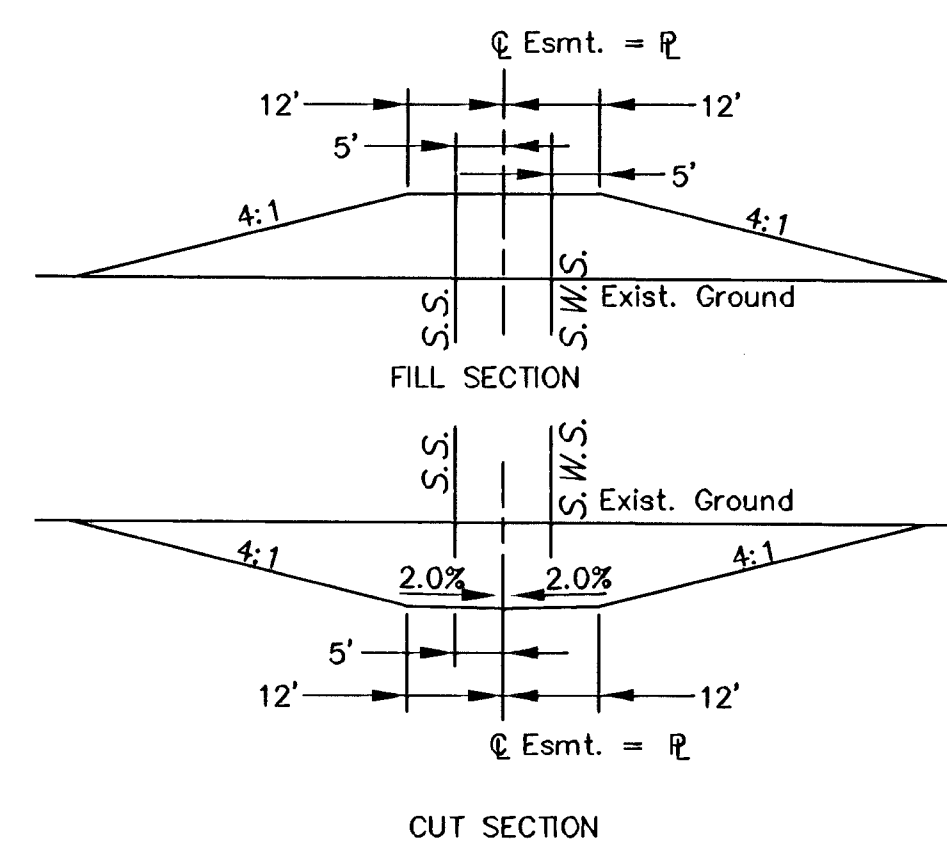
NARROW CHANNELS

WIDE CHANNELS

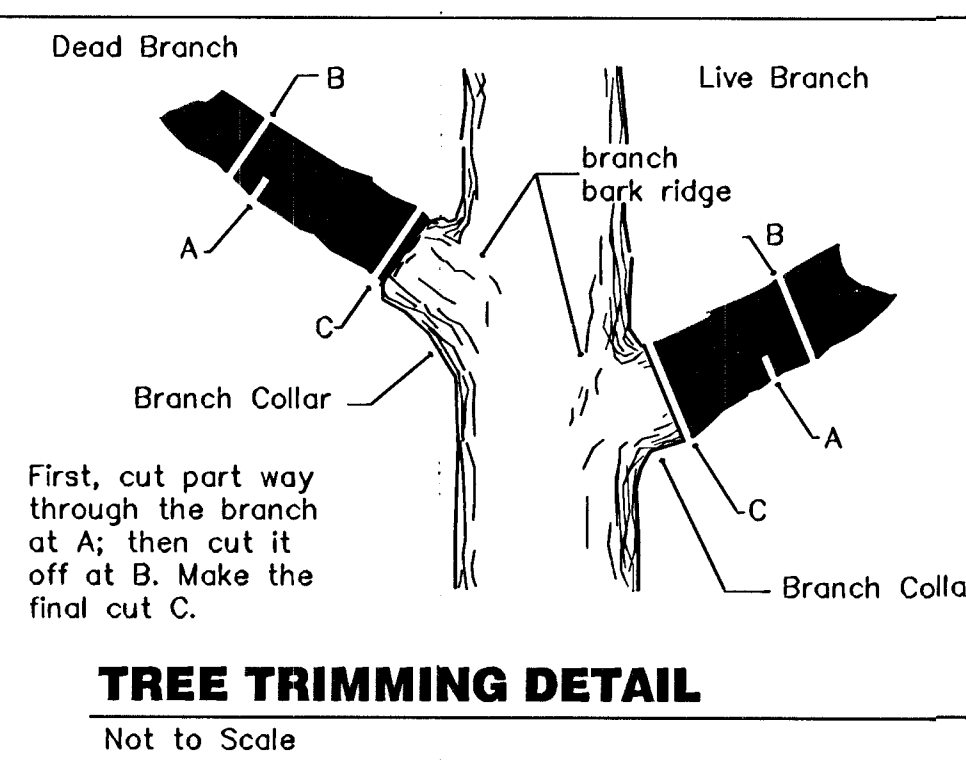
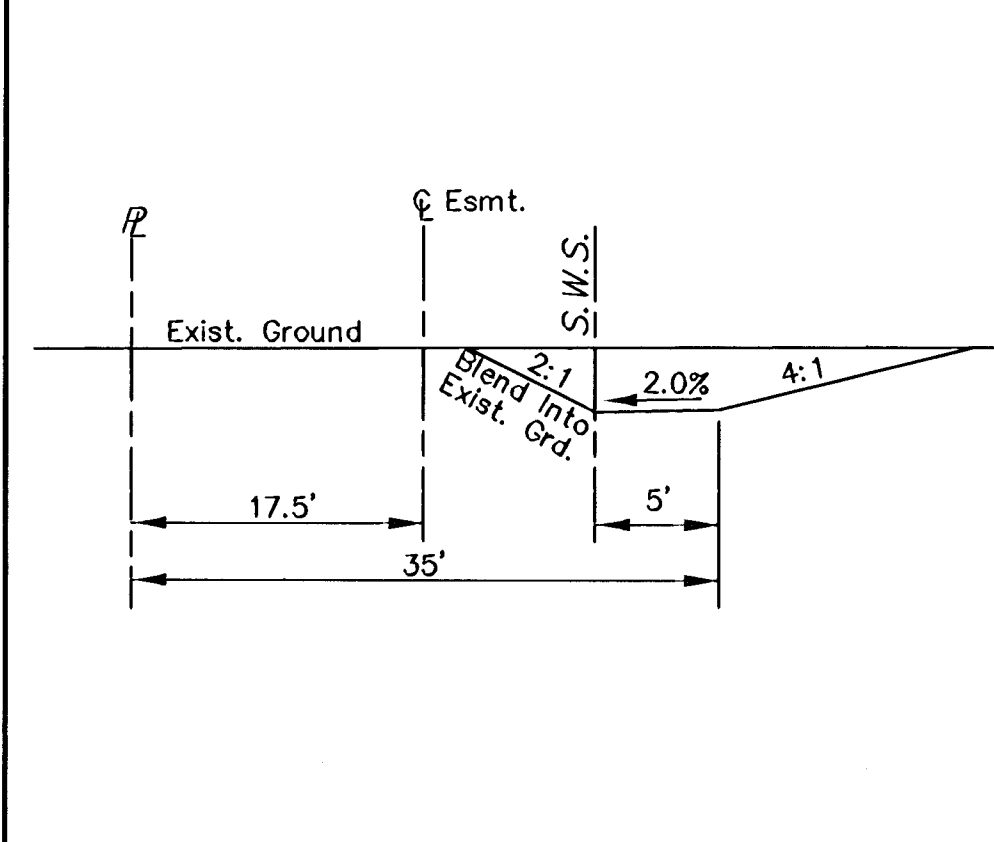
NARROW CHANNELS

STRAW BALE DIKES FOR EASEMENT GRADING

EASEMENT GRADING SECTION A-A



EASEMENT GRADING SECTION B-B



TREE TRIMMING DETAIL

Not to Scale


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