



Minder & Associates Engineering Corporation

Consulting Engineers/Land Surveyors

December 4, 2006

Mr. Don Smally
Landings Home Owners Association
4550 Bee Ridge Road
Sarasota, Florida, 34233

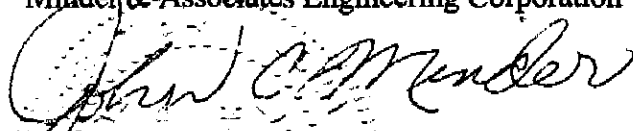
Re: Tract "F" The Landings

Dear Mr. Smally:

In response to your request Minder & Associates Engineering Corporation (M&A) is enclosing fifteen (15 Copies) signed and sealed of the plans for Tract "F" The Landings (Eagles Preserve) for the construction of approximately 920 Lineal Feet of Swale with eight to one side slopes and sodded. Although it is very difficult at this time without actual bids in hand we estimate the cost to be approximately \$20,000. We estimate an engineer's time for administering this project to be \$1500.00 and for the surveying to provide construction staking and to prepare As-Built Drawings will be \$2, 556.00. The estimated cost to finish the project would be approximately \$24,056.00.

If you have any questions, please do not hesitate to contact me.

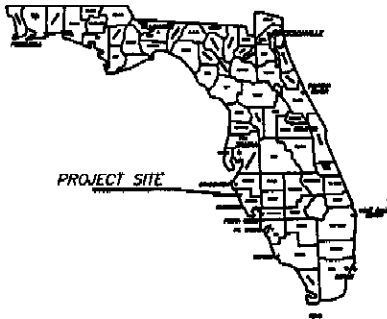
Very truly yours,
Minder & Associates Engineering Corporation


John C. Minder, PE, PSM
President

345 Interstate Blvd, Bldg D • Sarasota, FL 34240 • (941) 342-6232 • Fax (941) 371-6234
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601 N. Ashley Drive, Suite 600A • Tampa, Florida • (813) 984-3241 • Fax (813) 984-3249
Email: minder.associates@verizon.net
Website: www.minderassociates.com

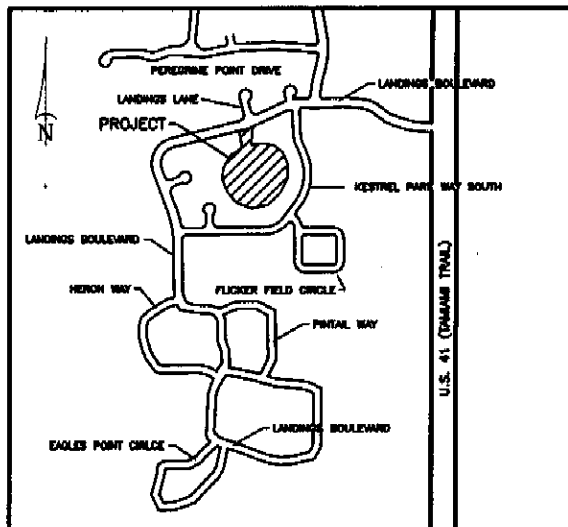
GRADING PLANS FOR LANDINGS H.O.A. "EAGLES PRESERVE"

STATE MAP
N.T.S.



SECTION 6 & 7, TOWNSHIP 37 SOUTH, RANGE 18 EAST
SARASOTA, FLORIDA

LANDINGS MANAGEMENT ASSOCIATION
c/o ARGUS PROPERTY MANAGEMENT INC.
2477 STICKNEY POINT ROAD
SARASOTA, FLORIDA 34231
(941) 927-6464



SITE MAP
N.T.S.



LOCATION MAP
N.T.S.



MINDER & ASSOCIATES ENGINEERING CORPORATION

Consulting Engineers & Surveyors

345 Interstate Boulevard Sarasota, Florida (941) 342-6232

STANDARD PROJECT LEGEND

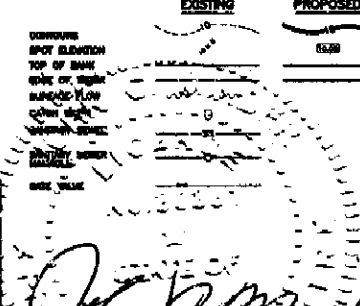
- FND. CONCRETE MONUMENT 4" x 4"
- FND. IRON ROD 5/8"
- CENTER LINE
- SET 5/8" IRON ROD w/CAP (LB 6487)
- FND. IRON PIPE 1"
- FND. PK & DISK
- SET PK & DISK (LB 6487)
- ▲ TRAVERSE POINT
- ✕ FENCE
- ⊕ GATE VALVE
- ⊕ POWER POLE
- ⊕ CONCRETE LIGHT POLE
- ⊕ GUY ANCHOR
- EXISTING WATER METER BOX
- EXISTING FIRE HYDRANT
- EXISTING CABLE BOX
- (---) TO BE REMOVED
- OAK TREE

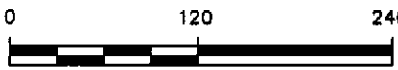
STANDARD PROJECT LEGEND

- EXISTING
- PROPOSED
- CONTOUR
- SPOT ELEVATION
- TOP OF BANK
- EDGE OF HIGH
- MINOR FLOW
- CORNER SIGN
- WATERWAY
- UTILITY
- ROAD

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	BNDY AND TOPO SURVEY, GENERAL NOTES, LEGEND
3	SITE PLAN





SCALE: 1"=120'

EXISTING 18" RCP

EXISTING DROP INLET
TOP EL.=10.70INV. EL.=8.39

LANDINGS BLVD

LANDINGS BOULEVARD

EXISTING DROP INLET
TOP EL.=10.85
INV. EL.=8.51

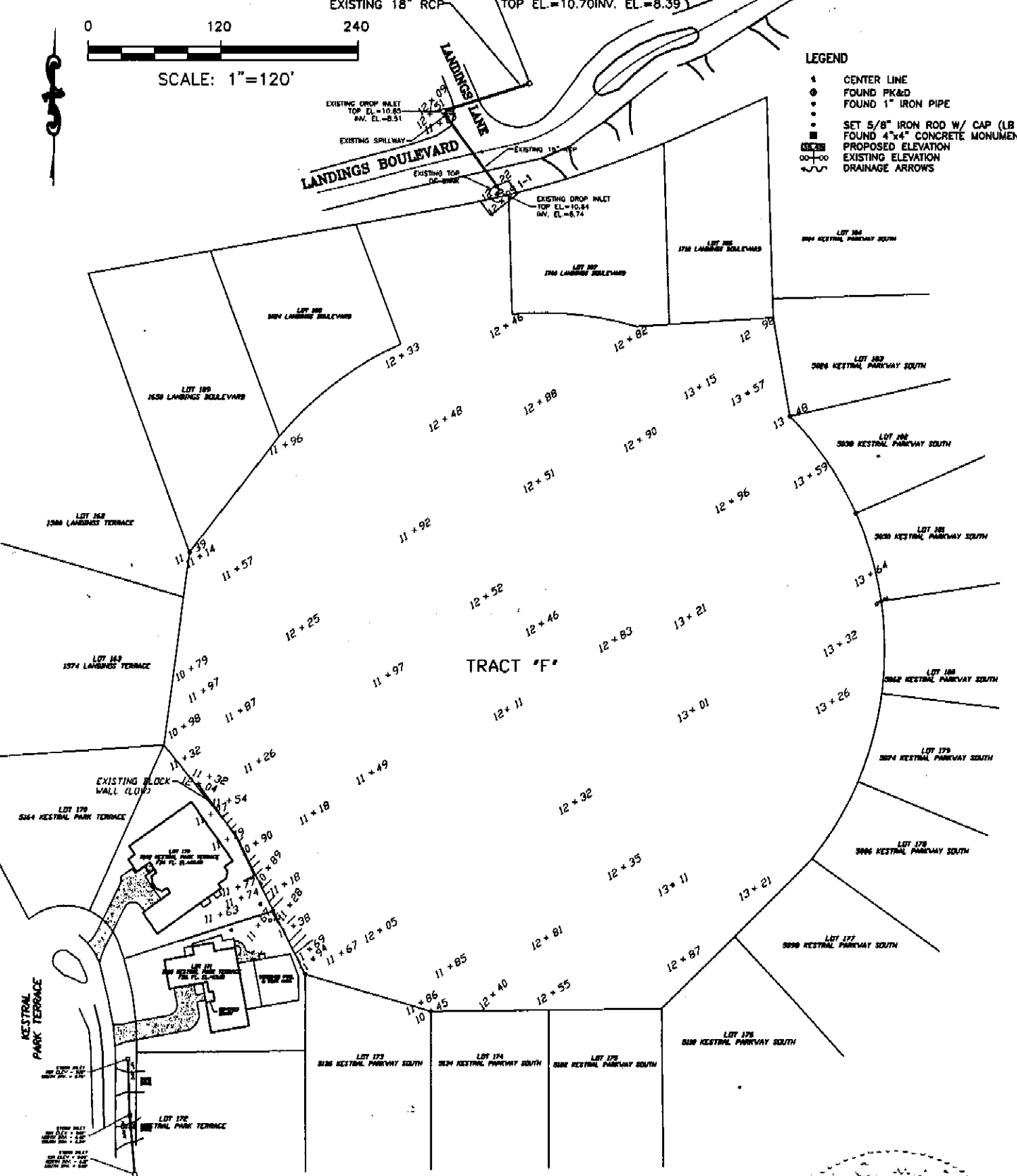
EXISTING SPILLWAY

EXISTING TOP OF CURB

EXISTING DROP INLET
TOP EL.=10.84
INV. EL.=8.74

LEGEND

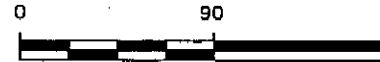
- ▲ CENTER LINE
- FOUND PK&D
- FOUND 1" IRON PIPE
- SET 5/8" IRON ROD W/ CAP (LB 8)
- FOUND 4"x4" CONCRETE MONUMENT
- PROPOSED ELEVATION
- EXISTING ELEVATION
- DRAINAGE ARROWS



TRACT 'F'

EXISTING CONDITIONS - SHEET 2

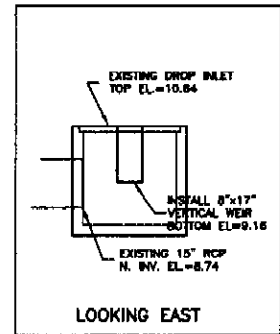
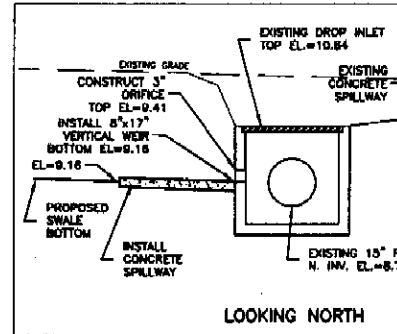
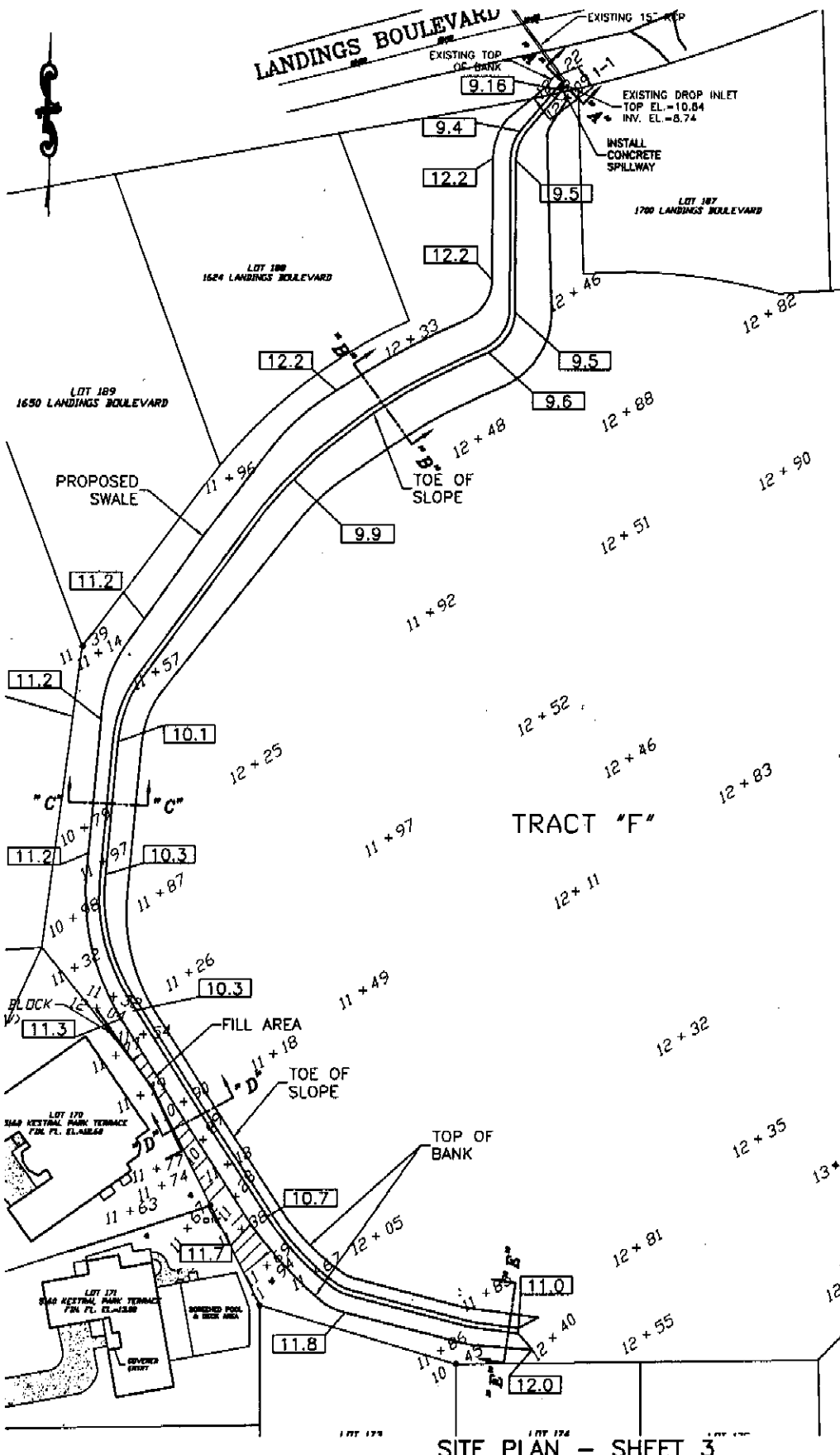
LANDINGS BOULEVARD



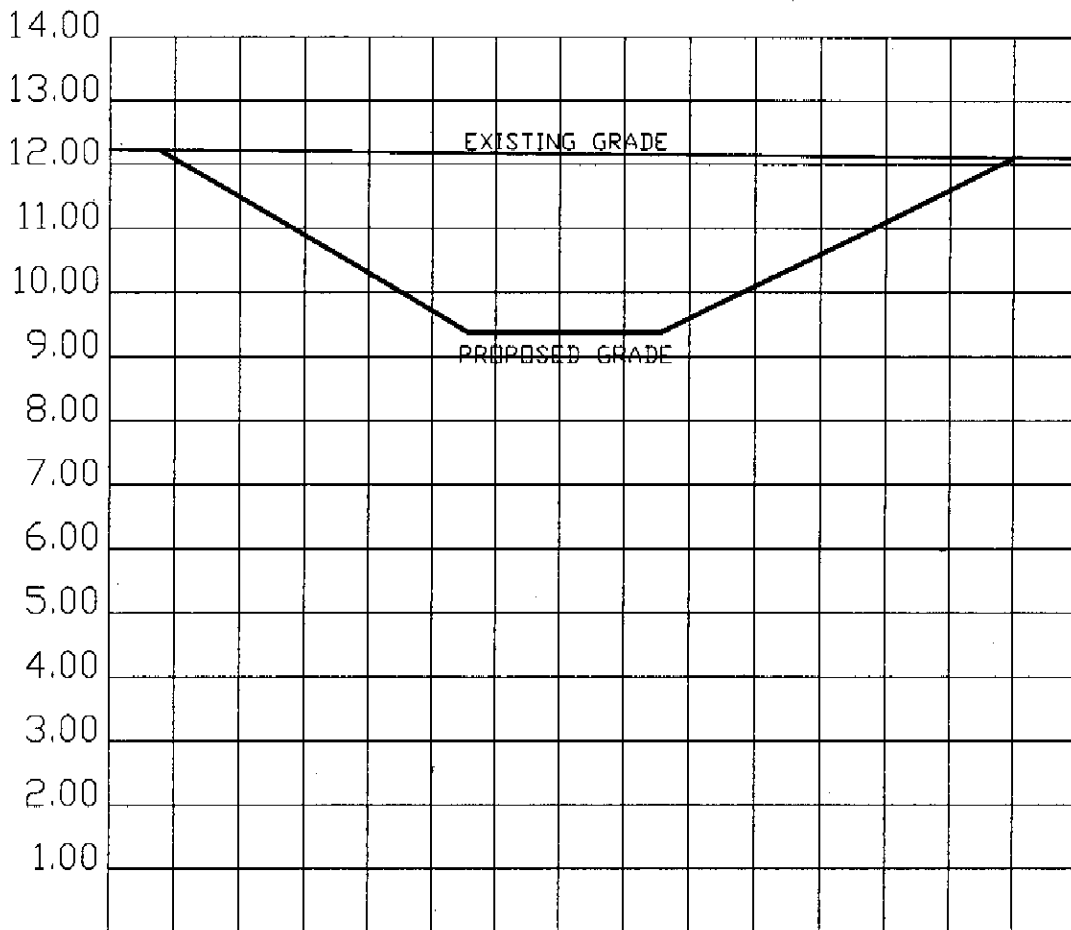
SCALE: 1"=90'

- LEGEND**
- CENTER LINE
 - ⊙ FOUND PK&D
 - FOUND 1" IRON PIPE
 - ⊙ SET 5/8" IRON ROD W/ CAP (LB 8857)
 - ⊙ FOUND 4"x4" CONCRETE MONUMENT
 - PROPOSED ELEVATION
 - EXISTING ELEVATION
 - DRAINAGE ARROWS

- NOTES**
1. SWALE SIDE SLOPES SHALL BE AT 8:1.
 2. SWALE & FILL AREA SHALL BE SODDED.
 3. SWALE TO MEANDER AROUND TREES TO AVOID THEIR REMOVAL.
 4. EXTRA FILL MATERIAL TO BE GRADED IN CENTER AREA TO DRAIN TO SWALE.



EXISTING CONCRETE INLET SECTION A-A
N.T.S.



DATUM 0.0
SECTION "A-A"

0.00 2.00 4.00 6.00 8.00 10.00 12.00 14.00

VERTICAL SCALE: 1' = 10'
HORIZONTAL SCALE: 1' = 10'

0 30 60



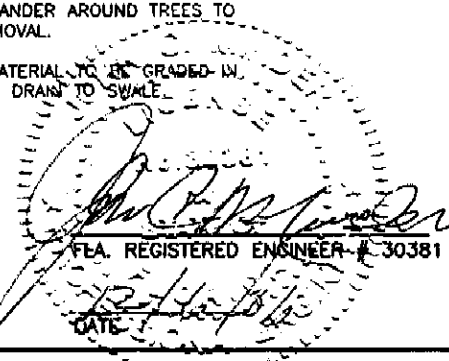
SCALE: 1"=30'

LEGEND

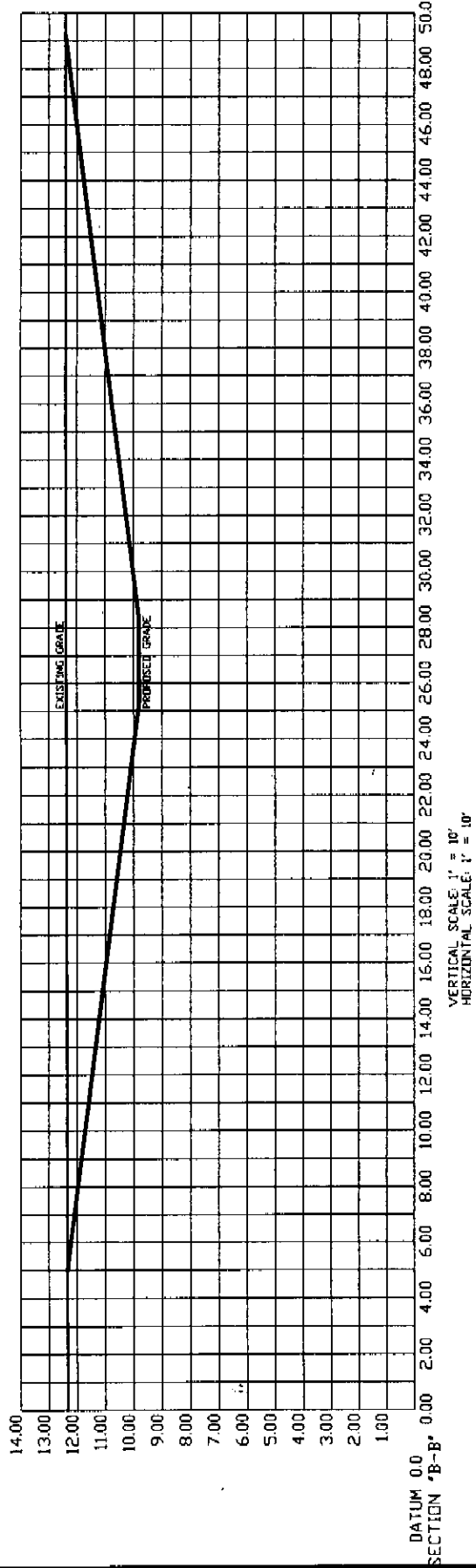
- CENTER LINE
- ⊙ FOUND PK&D
- FOUND 1" IRON PIPE
- SET 5/8" IRON ROD W/ CAP (LB 6657)
- FOUND 4"x4" CONCRETE MONUMENT
- PROPOSED ELEVATION
- +□ EXISTING ELEVATION
- ~ DRAINAGE ARROWS

NOTES

1. SWALE SIDE SLOPES SHALL BE AT 8:1.
2. SWALE & FILL AREA SHALL BE SODDED.
3. SWALE TO MEANDER AROUND TREES TO AVOID THEIR REMOVAL.
4. EXTRA FILL MATERIAL TO BE GRADED IN, CENTER AREA TO DRAIN TO SWALE.



CROSS SECTION "A-A" - SHEET 4



DATUM 0.0
SECTION "B-B"

VERTICAL SCALE: 1" = 10'
HORIZONTAL SCALE: 1" = 10'

NOTES

1. SWALE SIDE SLOPES SHALL BE AT 8:1.
2. SWALE & FILL AREA SHALL BE SODDED.
3. SWALE TO MEANDER AROUND TREES TO AVOID THEIR REMOVAL.
4. EXTRA FILL MATERIAL TO BE GRADED IN CENTER AREA TO DRAIN TO SWALE.

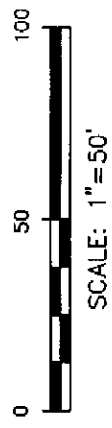
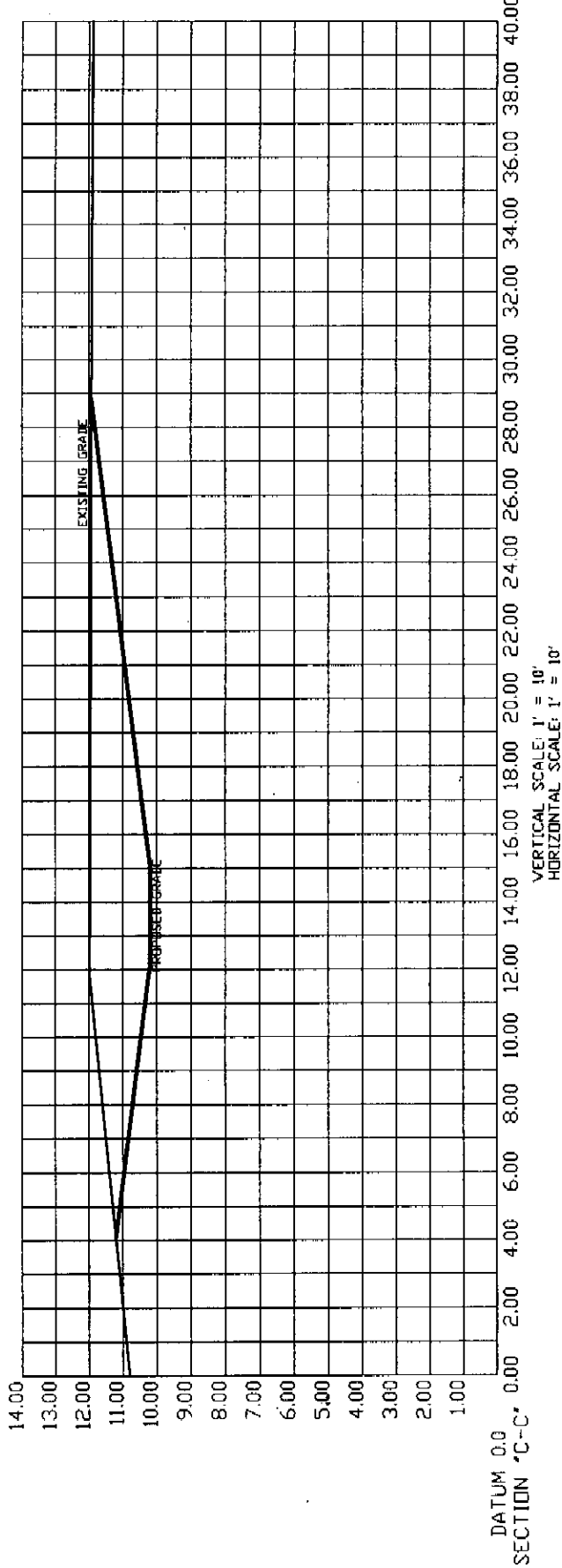
LEGEND

- CENTER LINE
- ◆ FOUND PAD
- FOUND 1" IRON PIPE
- SET 5/8" IRON ROD W/ CAP (LB. 6657)
- ◆ FOUND 4"x4" CONCRETE MONUMENT
- PROPOSED ELEVATION
- EXISTING ELEVATION
- ↘ DRAINAGE ARROWS



SCALE: 1"=60'





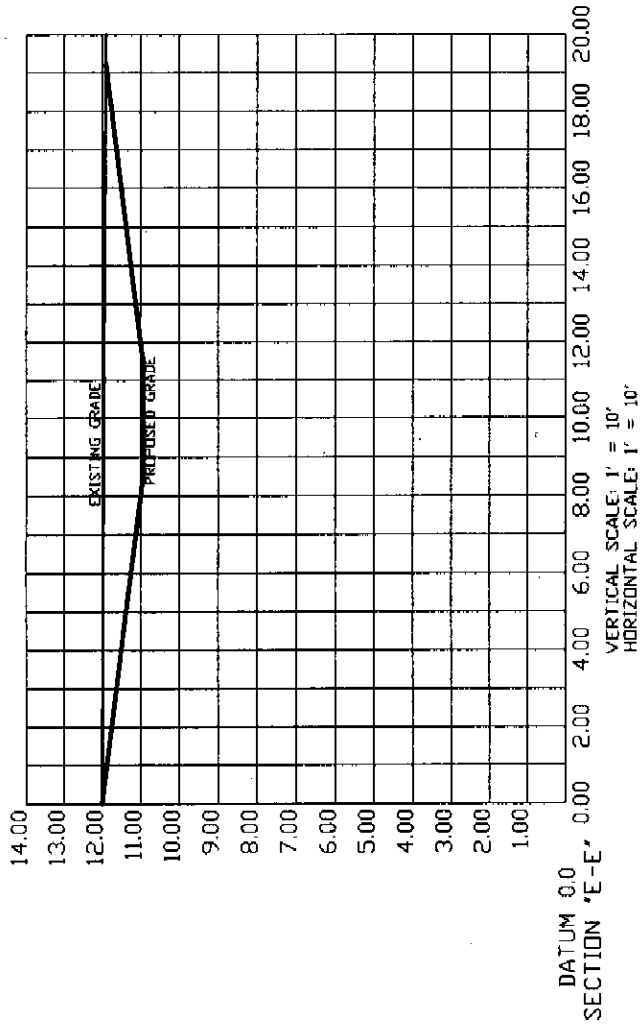
NOTES

1. SWALE SIDE SLOPES SHALL BE AT 8:1.
2. SWALE & FILL AREA SHALL BE SODDED.
3. SWALE TO MEANDER AROUND TREES TO AVOID THEIR REMOVAL.
4. EXTRA FILL MATERIAL TO BE GRADED IN CENTER AREA TO DRAIN TO SWALE.

LEGEND

- CENTER LINE
- FOUND PIPE
- FOUND 1" IRON PIPE
- SET 5/8" IRON ROD W/ CAP (LB. 8657)
- SET NO. 4 CONCRETE MONUMENT
- PROPOSED ELEVATION
- EXISTING ELEVATION
- DRAINAGE ARROWS





NOTES

1. SWALE SIDE SLOPES SHALL BE AT 8:1.
2. SWALE & FILL AREA SHALL BE SODDED.
3. SWALE TO MEANDER AROUND TREES TO AVOID THEIR REMOVAL.
4. EXTRA FILL MATERIAL TO BE GRADED IN CENTER AREA TO DRAIN TO SWALE.

LEGEND

- CENTER LINE
- FOUND PK&D
- FOUND 1" IRON PIPE
- SET 5/8" IRON ROD W/ CAP (LB 6657)
- FOUND 4"x4" CONCRETE MONUMENT
- PROPOSED ELEVATION
- EXISTING ELEVATION
- DRAINAGE ARROWS

