PROJECT NUMBER	SHEET NO.
284-56	1

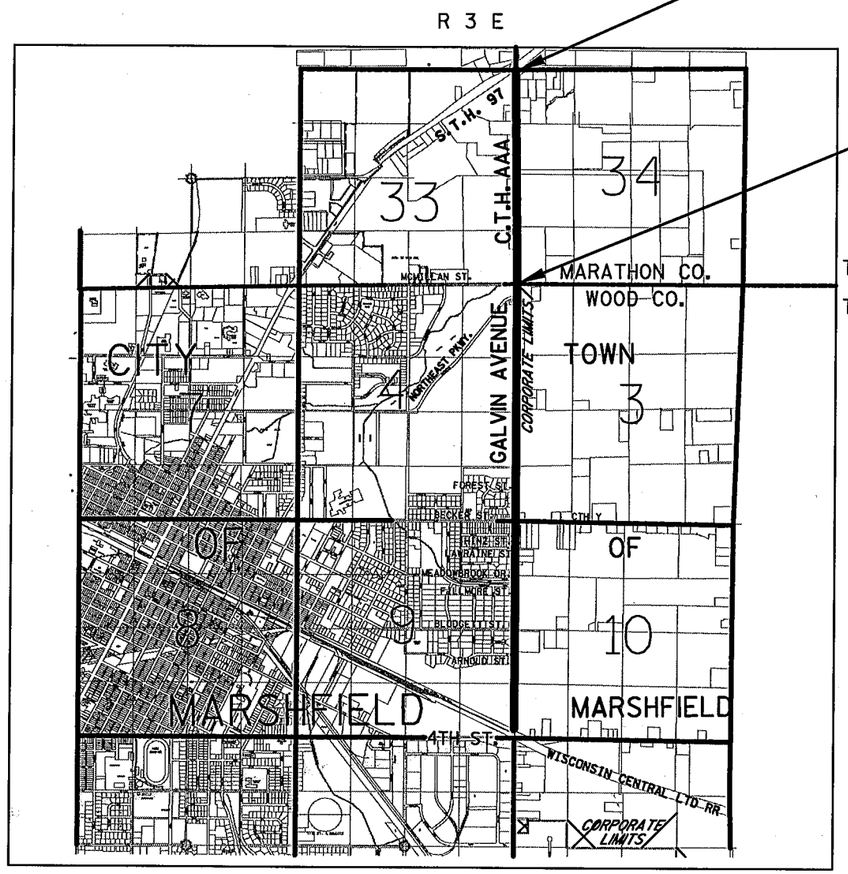
MARATHON COUNTY
CTH AAA RECONSTRUCTION

END PROJECT NO. 284-56
STA. 173+19.36
MARATHON COUNTY
N = 564446.322
E = 647631.421

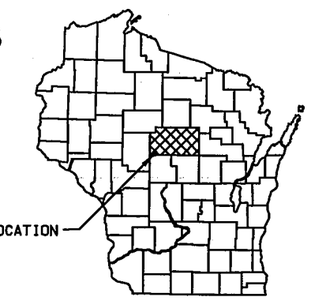
BEGIN PROJECT NO. 284-56
STA. 121+56.83
MARATHON COUNTY
N = 559283.890
E = 647663.106

PROJECT NO. 284-56 – SHOULDER WIDENING – CTH AAA
BECKER ROAD TO STH 97

GN



PROJECT LOCATION MAP



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PRINTED
FEB - 1 2006

WISCONSIN
JAY R. KNOKE
E-25023
WAUSAU, WI
PROFESSIONAL ENGINEER
2/1/06

COORDINATES BASED ON WOOD COUNTY COORDINATE SYSTEM

SEH

PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\cad\3448-100m.dgn

PROJECT NUMBER	SHEET NO.
284-56	2

CONVENTIONAL SYMBOLS

COUNTY LINE
CORPORATE LIMITS
PROPERTY LINE — P.L. + 58.1 —
LOT LINE
LIMITED EASEMENT
EARTHWORK BALANCE POINT
EXISTING RIGHT OF WAY
PROPOSED OR NEW R/W LINE
SURVEY LINE
SLOPE INTERCEPT
ORIGINAL GROUND
MARSH OR ROCK PROFILE (To be noted as such) — ROCK
MARSH AREA
WOODED OR SHRUB AREA
COMBUSTIBLE FLUIDS — CAUTION
UNDERGROUND UTILITIES
GAS — G —
ELECTRIC — E —
TELEPHONE OR TELEGRAPH — T —
TV/CABLE — TV —
SERVICE PEDESTAL
POWER POLE
TELEPHONE POLE
RAILROAD
SANITARY SEWER — SAN —
STORM SEWER — SS —
WATER — W —
EXISTING CULVERT
PROPOSED CULVERT (Box or Pipe)
CULVERT (Profile View)
SILT FENCE
TEMPORARY DITCH CHECKS
TEMPORARY CULVERT CHECKS
BEAM GUARD
EROSION MAT

GENERAL NOTES

ALL PROPERTY MARKERS AND BLOCK CORNERS SHALL BE PRESERVED BY THE CONTRACTOR.

THE EXACT LOCATION OF THE DRIVEWAY ENTRANCES TO BE DETERMINED IN THE FIELD BY THE ENGINEER. REPLACE ALL DRIVEWAYS IN KIND.

ALL CULVERTS IN EXISTING DRIVEWAYS SHALL BE CAREFULLY REMOVED TO AVOID DAMAGE AND SHALL BE PLACED ON THE TERRACE OF THE OWNER FOR DISPOSAL BY THE OWNER. IF, AFTER 10 DAYS NOTICE BY THE ENGINEER, THE OWNER DOES NOT CLAIM SUCH SALVAGED MATERIALS, THE MATERIALS SHALL BE DISPOSED OF BY THE CONTRACTOR.

NO TREES ARE TO BE REMOVED WITHOUT THE APPROVAL OF THE ENGINEER.

EBS IS NOT USED TO BALANCE YARDAGE AND IS NOT SHOWN ON THE CROSS SECTIONS, BUT IS MEASURED AND PAID FOR AS UNCLASSIFIED EXCAVATION. THE LOCATION FOR EBS WILL BE DETERMINED BY THE ENGINEER.

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON PLAN ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

ALL EXISTING STREET SIGNS TO BE REMOVED AND DELIVERED TO THE COUNTY FOR REPLACEMENT.

CURB ELEVATIONS SHOWN ARE TO THE TOP OF CURB.

CURB RADII ARE SHOWN TO THE EDGE OF PAVEMENT.

CULVERT PIPE INVERTS ARE AT THE END OF THE PIPE NOT INCLUDING THE APRON ENDWALL.

STANDARD ABBREVIATIONS

ABUT	ABUTMENT
AC	ACRE
AGG	AGGREGATE
AECPRC	APRON ENDWALL FOR CULVERT PIPE REINFORCED CONCRETE
ASPH	ASPHALTIC
AVG	AVERAGE
ADT	AVERAGE DAILY TRAFFIC
BF	BACK FACE
BM	BENCH MARK
BR	BRIDGE
CE	COMMERCIAL ENTRANCE
CL OR C/L	CENTER LINE
Δ	CENTRAL ANGLE OR DELTA
CONC	CONCRETE
CPRC	CULVERT PIPE REINFORCED CONCRETE
CPRCHE	CULVERT PIPE REINFORCED CONCRETE HORIZONTAL ELLIPTICAL
CR	CREEK
CWT	HUNDREDWEIGHT
CY	CUBIC YARD
C & G	CURB AND GUTTER
D	DEGREE OF CURVE
DHV	DESIGN HOUR VOLUME
DISCH	DISCHARGE
DG	DITCH GRADE
DWY	DRIVEWAY
X	EAST GRID COORDINATE
EAT	STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL
EOR	END POINT OF RADIUS
EL	ELEVATION
ENT	ENTRANCE
ESALS	EQUIVALENT SINGLE AXLE LOADS
EXC	EXCAVATION
EBS	EXCAVATION BELOW SUBGRADE
EXIST	EXISTING
FC	FACE OF CURB
FF	FACE TO FACE
FERT	FERTILIZE
FE	FIELD ENTRANCE
FL	FLOW LINE
FO	FIBER OPTIC
GRAV	GRAVEL
HYD	HYDRANT
ID	INSIDE DIAMETER
INV	INVERT
IP	IRON PIPE ON PIN
LHF	LEFT-HAND FORWARD
L	LENGTH OF CURVE
LF	LINEAR FOOT
LC	LONG CHORD OF CURVE
LS	LUMP SUM
MH	MANHOLE
MOR	MID POINT OF RADIUS
NC	NORMAL CROWN
NO	NUMBER
OBLIT	OBLITERATE
PAVT	PAVEMENT
PE	PRIVATE ENTRANCE
PVRC	POINT OF VERTICAL REVERSE CURVE
QOR	QUARTER POINT OF RADIUS
R	RADIUS
REQ'D	REQUIRED
RES	RESIDENCE OR RESIDENTIAL
RHF	RIGHT-HAND FORWARD
R/W	RIGHT-OF-WAY
R	RIVER
RDWY	ROADWAY
R/L DR	REFERENCE LINE
SALV	SALVAGED
SAN	SANITARY SEWER
SF	SQUARE FEET
SY	SQUARE YARD
SDD	STANDARD DETAIL DRAWINGS
STA	STATION
SS	STORM SEWER
SSPRC	STORM SEWER PIPE REINFORCED CONCRETE
SE	SUPERELEVATION RATE
TC	TOP OF CURB
T OR TN	TOWN
T	TRUCKS (PERCENT OF)
TYP	TYPICAL
VAR	VARIABLE
VC	VERTICAL CURVE
Y	NORTH GRID COORDINATE
YD	YARD

UTILITY CONTACTS

VERIZON
521 FOURTH
WAUSAU, WI 54403-4869
TELEPHONE: 715.847.1500
ATTENTION: MR. DENNIS BATES

MARSHFIELD WATER & ELECTRIC DEPARTMENT
2000 SOUTH RODDIS AVENUE
P.O. BOX 670
MARSHFIELD, WI 54449-0670
TELEPHONE: 715.387.1195
ATTENTION: MR DAVID WASSSERBURGER (WATER)
MR BOB TRUSSONI (ELECTRIC)

WE ENERGIES
1921 EIGHTH STREET SOUTH
P.O. BOX 789
WISCONSIN RAPIDS, WI 54494-0789
TELEPHONE: 715.423.2800
ATTENTION: MR DENNIS CHERNEY

CHARTER COMMUNICATIONS
508 NORTH CENTRAL AVENUE # 103
MARSHFIELD, WI 54449
TELEPHONE: 715.384.5279
ATTENTION: MR PAUL CHRISTOPHERSON

MARATHON COUNTY
1430 WEST STREET
WAUSAU, WI 54401
TELEPHONE: 1.715.261.1006
ATTENTION: MR JIM GRIESBACH

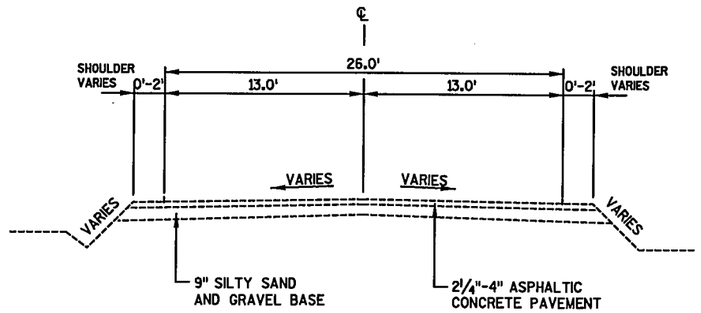
DESIGN CONTACTS

SEH INC.
1500 MERRILL AVENUE
WAUSAU, WI 54401
TELEPHONE: 715.675.8400
ATTENTION: JAY KNOKE

DIGGERS HOTLINE
FOR FIELD LOCATES
CALL: 1.800.242.8511
www.DiggersHotline.com

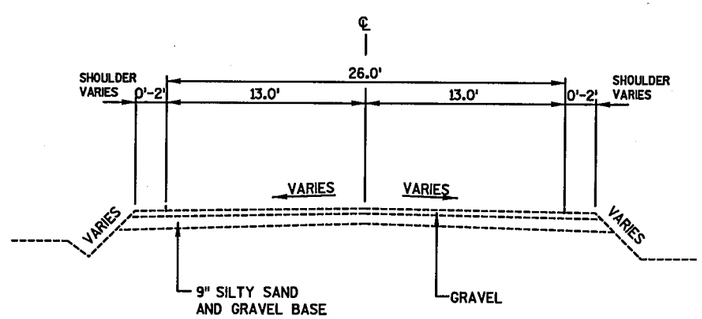
PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\odd\3448-103m.dgn



TYPICAL EXISTING SECTION

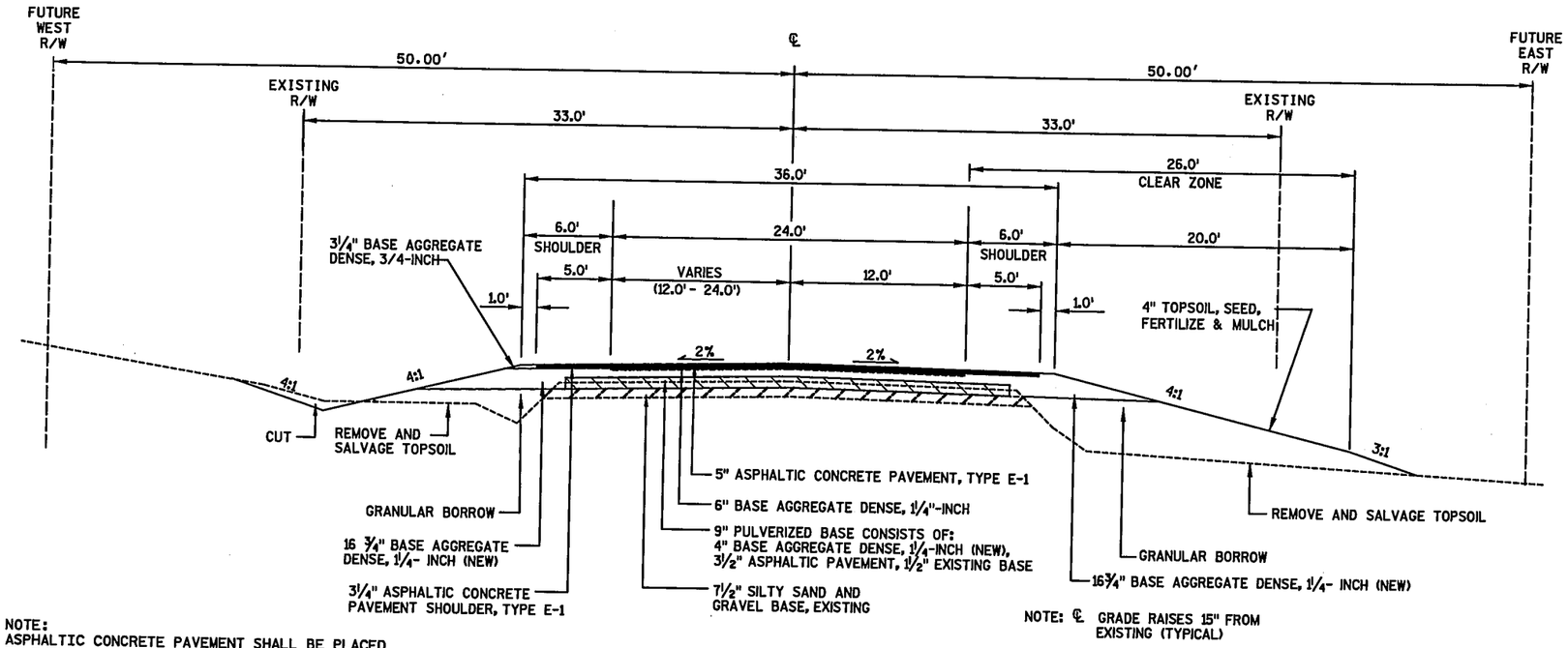
CTH AAA
McMILLAN STREET TO STH 97



TYPICAL EXISTING SECTION

MANN ROAD

PROJECT NUMBER	SHEET NO
284-56	4

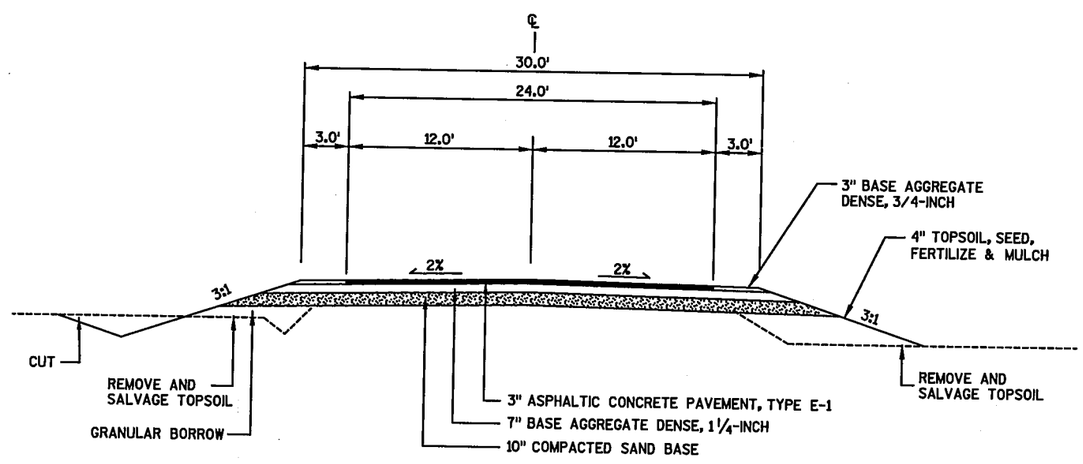


NOTE:
ASPHALTIC CONCRETE PAVEMENT SHALL BE PLACED IN THREE LIFTS: 1¾" LOWER LAYER, (12' PAVING WIDTHS) 1¾" MIDDLE LAYER, AND 1½" UPPER LAYER (17' PAVING WIDTHS).

NOTE: ℄ GRADE RAISES 15" FROM EXISTING (TYPICAL)

TYPICAL FINISHED SECTION

CTH AAA
STA 121+56.83 TO STA 172+12.15
MARATHON COUNTY



TYPICAL FINISHED SECTION

MANN ROAD

PLOTTED ON: 02/01/2006

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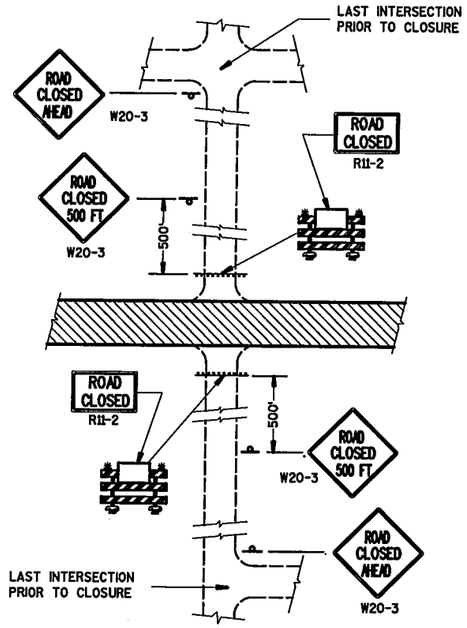
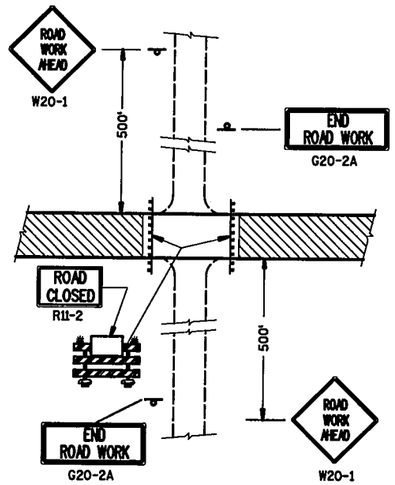
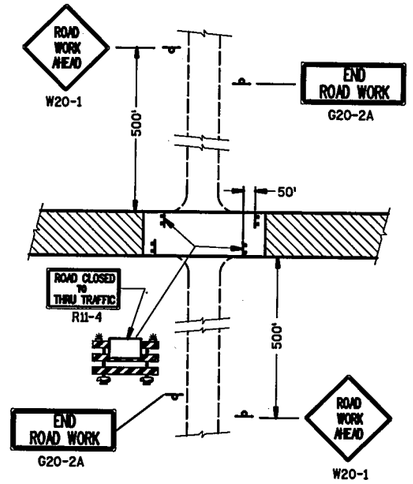
284-56	5



DETAIL 1
(NO ACCESS TO PROJECT)



DETAIL 2
(PUBLIC CROSS-TRAFFIC MAINTAINED. NO ACCESS TO PROJECT).



DETAIL 3
(PUBLIC CROSS-TRAFFIC MAINTAINED. CONTRACTOR, LOCAL BUSINESS AND RESIDENT ACCESS).

SIDEROAD CLOSURES

GENERAL NOTES

DETAILS OF TRAFFIC CONTROL DEVICES AND THEIR LOCATION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE WISCONSIN MANUAL OF TRAFFIC CONTROL DEVICES, THE PLANS, SPECIFICATIONS AND CONTRACT.

SIGN AND BARRICADE LOCATIONS MAY BE ADJUSTED IN THE FIELD AS DIRECTED BY THE ENGINEER. ANY EXISTING TRAFFIC SIGNS THAT CONFLICT WITH THIS WORK SHALL BE COVERED AS DIRECTED BY THE ENGINEER. ALL "STOP" OR OTHER REGULATORY SIGNS ON THE SIDE ROADS SHALL NOT BE DISTURBED, EXCEPT WHEN NECESSARY TO COMPLETE THE WORK. THE SIGNS MUST THEN BE IMMEDIATELY REESTABLISHED.

ALL TYPE III BARRICADES SHALL HAVE RAILS REFLECTORIZED ON BOTH FACES. STRIPES SHALL BE PROPERLY SLOPED DOWN TOWARD THE TRAFFIC SIDE OR AS SHOWN IN THE ROAD CLOSURE BARRICADE DETAIL FOR FULL ROAD CLOSURES. TYPE "A" LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE VISIBLE ON BOTH SIDES OF THE BARRICADE.

THE ROAD CLOSED SIGN (R11-2), ROAD CLOSED MILES AHEAD SIGN (R11-3) AND THE ROAD CLOSED TO THRU TRAFFIC SIGN (R11-4) SHALL BE ATTACHED ONLY TO THE TOP RAIL OF THE TYPE III BARRICADE. THE SIGNS SHALL NOT COVER MIDDLE RAIL.

TYPE "H" REFLECTIVE SHEETING SHALL BE USED ON ALL BARRICADES, TYPE I, II AND III, AND ON ALL R11-2, R11-3 AND R11-4 SIGNS.

ALL SIGNS SHALL BE 48" X 48" UNLESS OTHERWISE NOTED BELOW:
- R11-2, "ROAD CLOSED" SIGNS SHALL BE 48" X 30".
- R11-3, AND R11-4 SIGNS SHALL BE 60" X 30".
- G20-2A SIGNS SHALL BE 48" X 24".

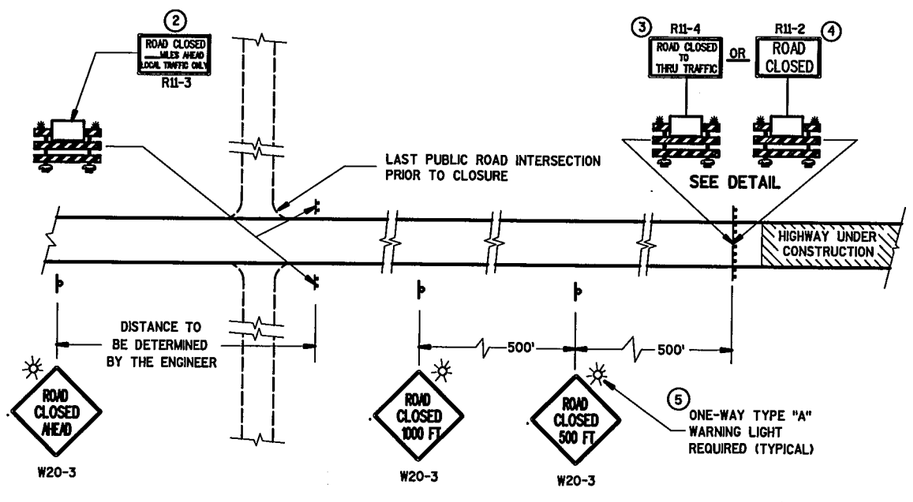
(1) TWO WARNING LIGHTS SHALL BE PROVIDED ON THE CENTER BARRICADE AND AT LEAST ONE WARNING LIGHT SHALL BE PROVIDED ON EACH OF THE OTHER BARRICADES WITHIN THE ROADWAY LIMITS. SPACING OF THE WARNING LIGHTS SHALL BE UNIFORM TO THE EDGE OF ROADWAY AS SHOWN.

(2) THESE SIGNS AND BARRICADES ARE NOT REQUIRED IF ROAD CLOSURE BEGINS AT INTERSECTION.

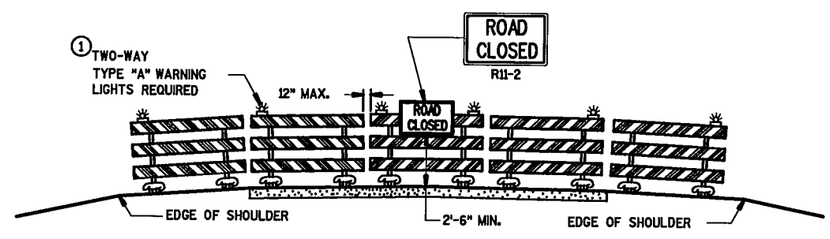
(3) FOR ROAD CLOSURE <u>WITH</u> LOCAL ACCESS TO PROJECT. SEE LANE CLOSURE BARRICADE DETAIL

(4) FOR ROAD CLOSURE <u>WITHOUT</u> LOCAL ACCESS TO PROJECT. SEE ROAD CLOSURE BARRICADE DETAIL.

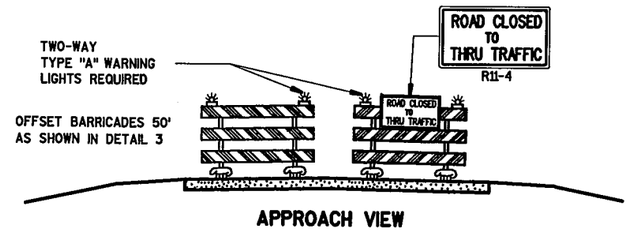
(5) ONE-WAY LIGHTS SHALL BE PROVIDED ON ALL ADVANCE WARNING SIGNS. THE UNIT SHALL BE POSITIONED SUCH THAT THE LIGHT SOURCE IS OUTSIDE THE SIGN FACE AND AT THE TOP OF THE SIGN.



MAINLINE CLOSURE



APPROACH VIEW
ROAD CLOSURE BARRICADE DETAIL



APPROACH VIEW
LANE CLOSURE BARRICADE DETAIL

LEGEND

- POST MOUNTED WARNING SIGN
- TYPE III BARRICADES WITH TYPE "H" REFLECTIVE SHEETING
- TYPE "A" LOW INTENSITY FLASHING WARNING LIGHT (FOR NIGHT USE)
- WORK AREA

PLOTTED ON: 02/01/2006

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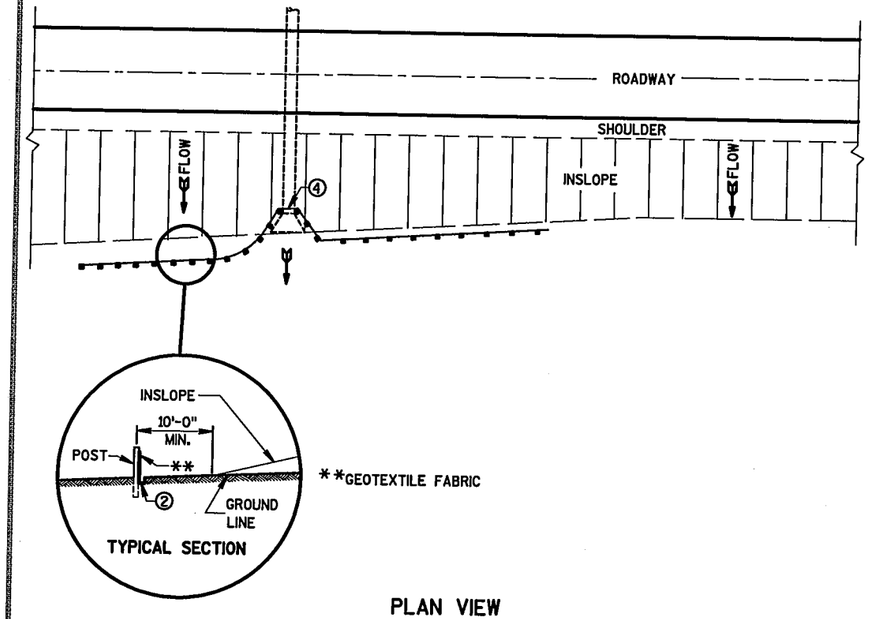
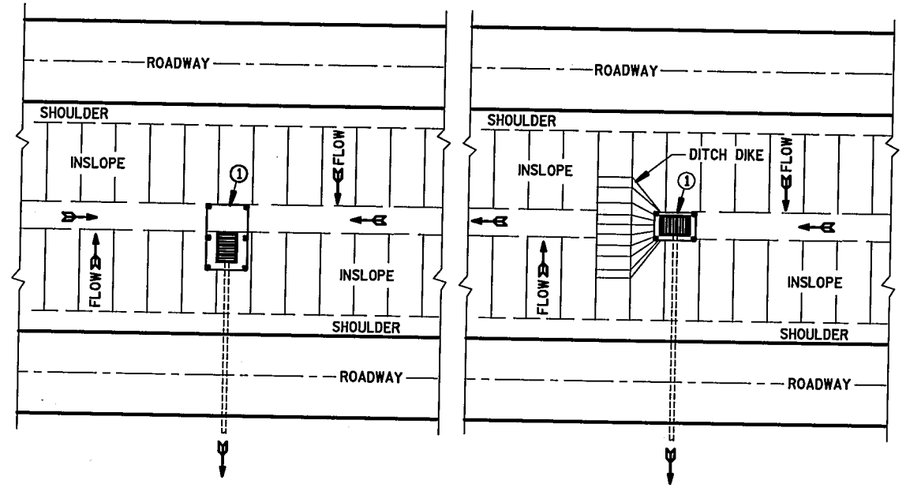
PROJECT NUMBER	SHEET NO
284-56	6



PLAN VIEW

TYPICAL APPLICATION OF SILT FENCE



PLAN VIEW

SILT FENCE AT MEDIAN SURFACE DRAINS

GENERAL NOTES

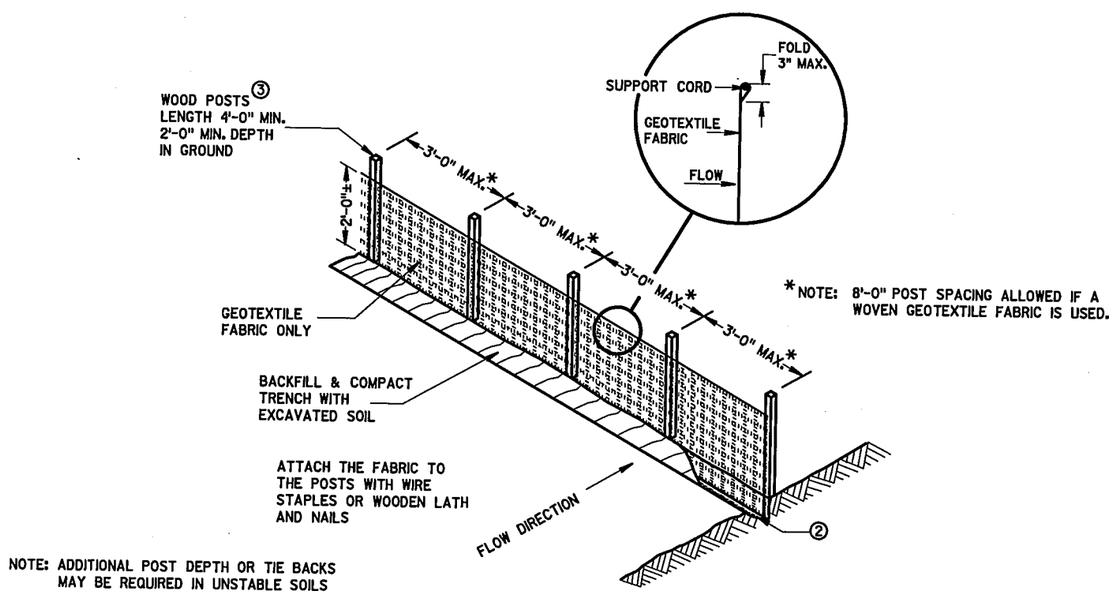
DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

① HORIZONTAL BRACE REQUIRED WITH 2" X 4" WOODEN FRAME OR EQUIVALENT AT TOP OF POSTS.

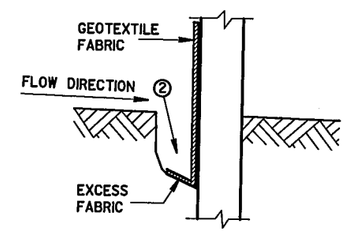
② TRENCH SHALL BE A MINIMUM OF 4" WIDE & 6" DEEP TO BURY AND ANCHOR THE GEOTEXTILE FABRIC. FOLD MATERIAL TO FIT TRENCH AND BACKFILL & COMPACT TRENCH WITH EXCAVATED SOIL.

③ WOOD POSTS SHALL BE A MINIMUM SIZE OF 1⅛" X 1⅛" OF OAK OR HICKORY.

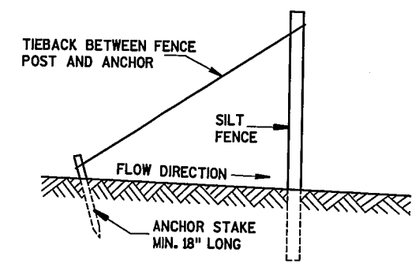
④ SILT FENCE TO EXTEND ACROSS THE TOP OF THE PIPE.



SILT FENCE



TRENCH DETAIL



SILT FENCE TIE BACK

(WHEN REQUIRED BY THE ENGINEER)

PLOTTED ON: 02/01/2006

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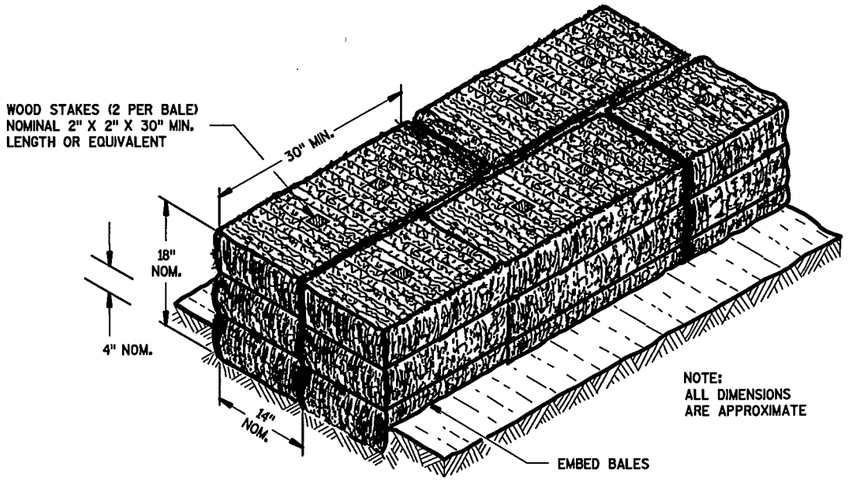
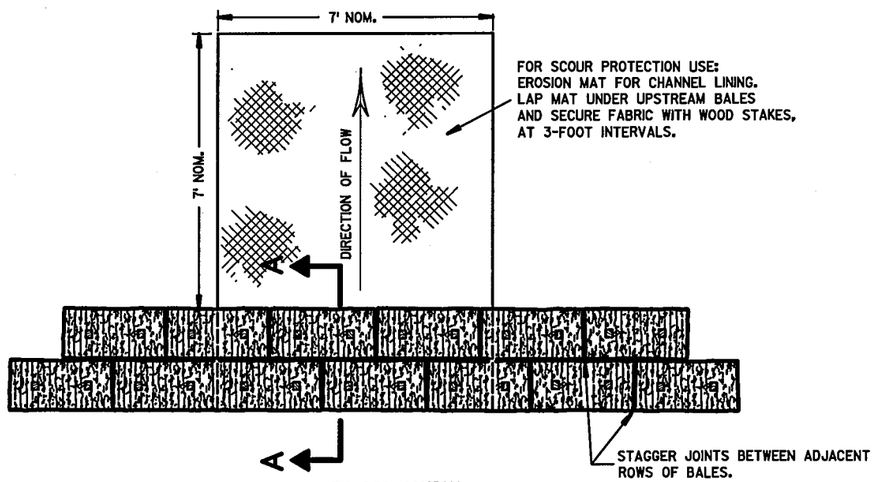
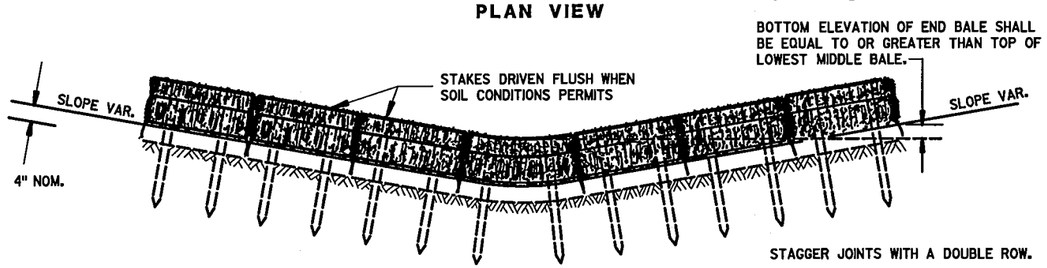


SECTION A-A



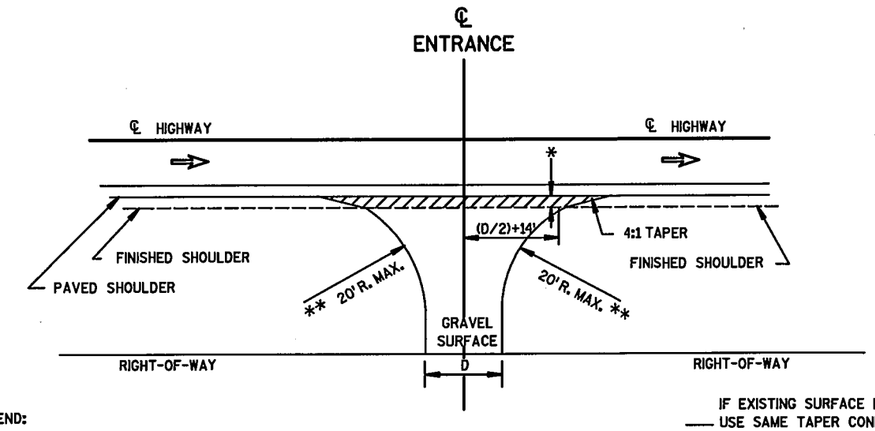
PLAN VIEW



FRONT ELEVATION

TEMPORARY DITCH CHECK USING EROSION BALES

RURAL DRIVEWAY INTERSECTION DETAIL
(PE'S, FE'S & CE'S)



IF EXISTING SURFACE IS ASPHALT
USE SAME TAPER CONFIGURATION &
BLEND BACK ON THE ENTRANCE FAR
ENOUGH TO GET A SMOOTH PROFILE.

LEGEND:

ASPHALTIC PAVEMENT THROUGH DRIVEWAY

NOTE: ** RADIUS IS TANGENT AT PAVED SHOULDER EDGE OR 5' MAX. OFF THE EDGE OF MAIN LINE PAVEMENT WHICH EVER IS LESS.

10' RADIUS FOR RESIDENTIAL DRIVEWAYS
AND 20' RADIUS FOR FIELD AND FARM ENTRANCES.

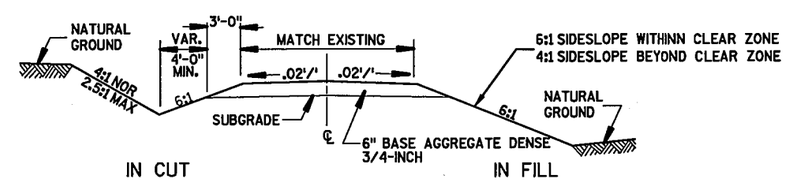
ASPHALTIC CONCRETE DRIVEWAYS:
2-INCH ASPHALTIC CONCRETE ON 6-INCH
BASE AGGREGATE DENSE 3/4-INCH

GRAVEL DRIVEWAY:
6-INCH BASE AGGREGATE DENSE, 3/4-INCH

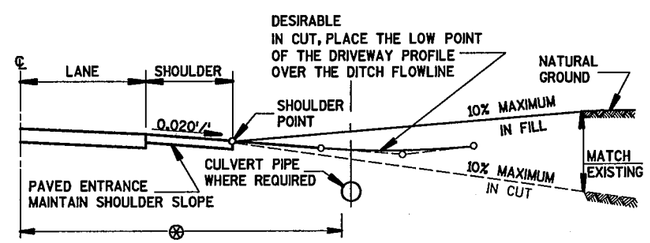
NOTE: * 1' MAX. OR TO FINSHED SHOULDER WHICH EVER IS LESS.

D=DRIVEWAY WIDTH
D=20 TYP.(PE'S & FE'S) (16'MIN.-24'MAX.)
D=28(CE'S & FARM ENT.) (24'MIN.-35'MAX.)

RURAL DRIVEWAY INTERSECTION DETAIL
TYPE S

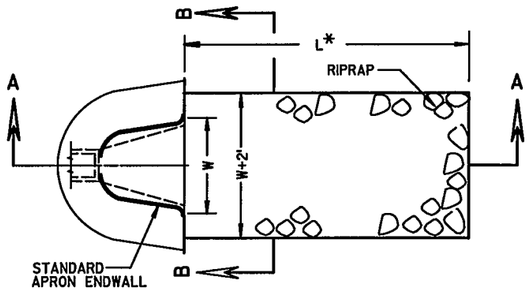


TYPICAL CROSS SECTION FOR PRIVATE
DRIVE OR FIELD ENTRANCE

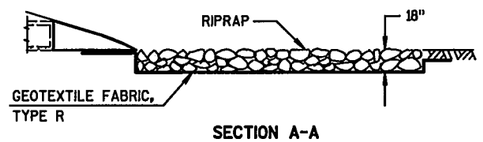


⊗ PIPE LOCATION BEYOND THE CLEAR ZONE WHEN FEASIBLE.

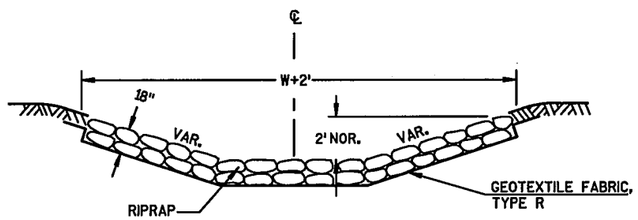
TYPICAL RURAL DRIVEWAY PROFILES



* L = AS NOTED ON THE EROSION CONTROL PLAN OR AS DIRECTED BY THE ENGINEER.

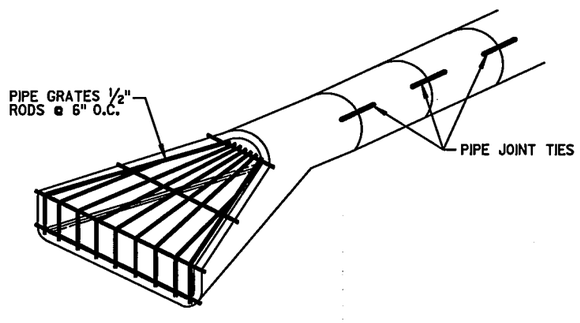


SECTION A-A



SECTION B-B

RIPRAP AND GEOTEXTILE FABRIC, TYPE R DETAIL AT APRON ENDWALLS

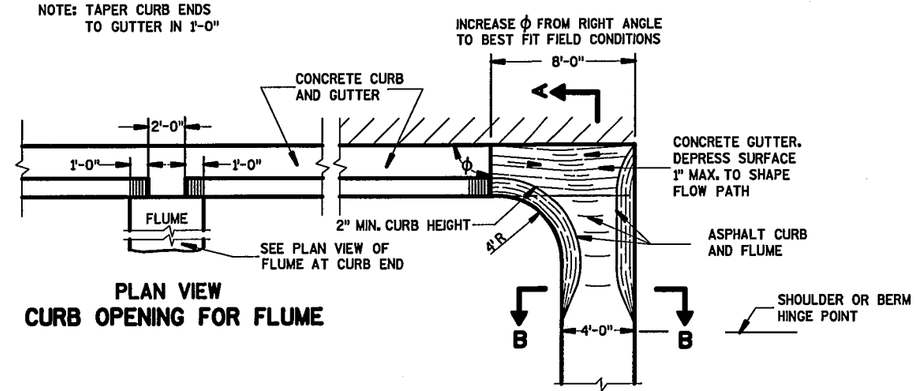


STANDARD APRON ENDWALL DETAIL AND PIPE GRATE

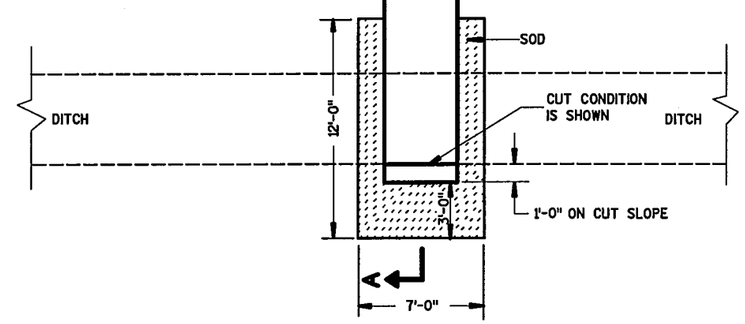
24-INCH PIPE OR LARGER ONLY

ASPHALTIC FLUME

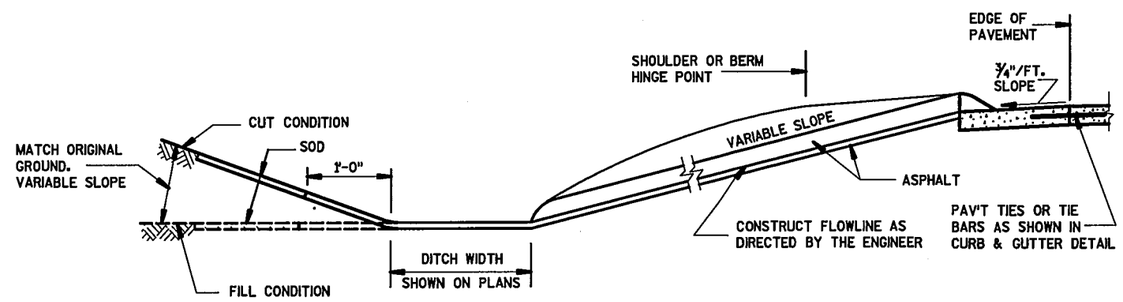
NOTE: TAPER CURB ENDS TO GUTTER IN 1'-0"



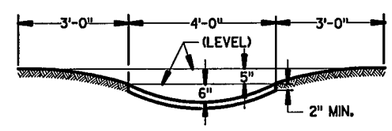
PLAN VIEW
CURB OPENING FOR FLUME



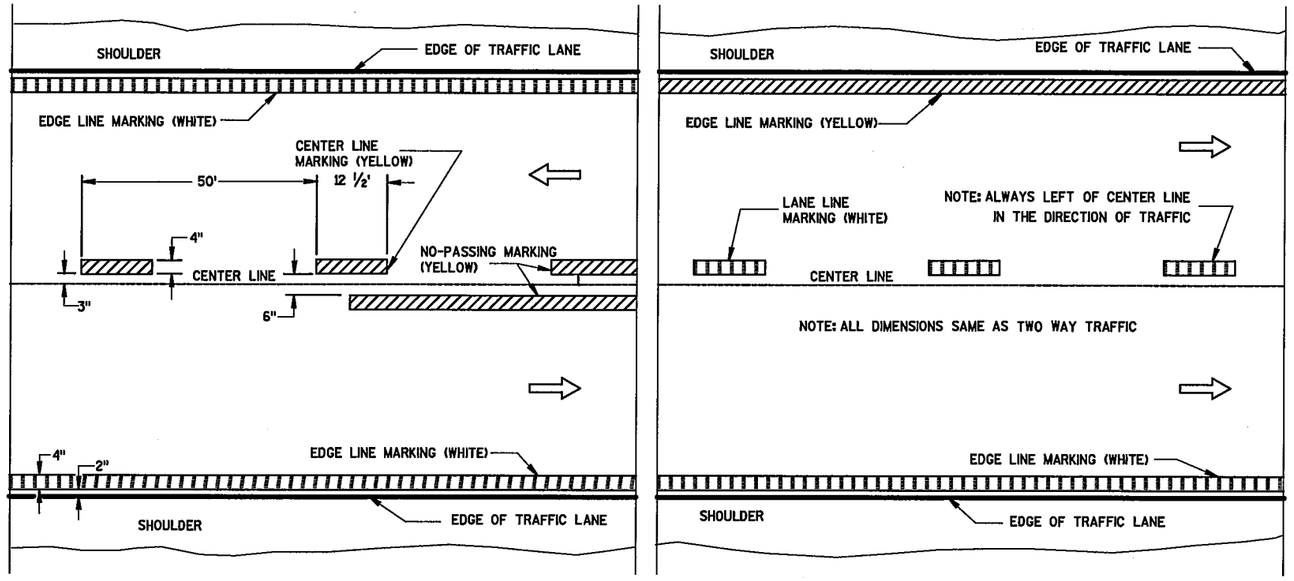
PLAN VIEW
FLUME AT CURB END



SECTION A-A



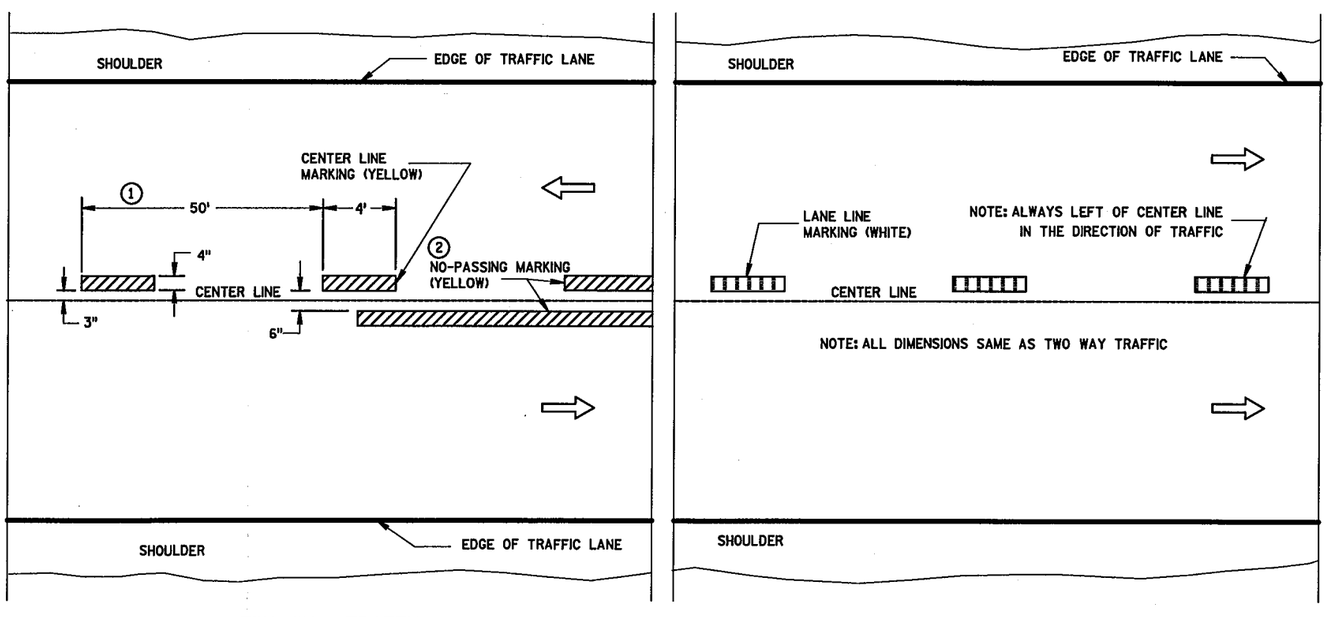
SECTION B-B



TWO WAY TRAFFIC

ONE WAY TRAFFIC

PERMANENT PAVEMENT MARKING



TWO WAY TRAFFIC

ONE WAY TRAFFIC

TEMPORARY (INTERMEDIATE) PAVEMENT MARKING

(SHOWS CYCLE FOR TEMPORARY CENTER LINE OR TEMPORARY LANE LINE MARKING)

GENERAL NOTES

DETAILS OF CONSTRUCTION NOT SHOWN ON THIS DRAWING SHALL CONFORM TO STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

1. HALF CYCLE LENGTHS (25'±) WITH 2' MINIMUM STRIPE LENGTHS SHALL BE PROVIDED ON ROADWAYS (INCLUDING TEMPORARY TRAVELED WAYS) WITH REVERSE CURVATURE, CURVATURE OF OVER 5 DEGREES OR WHEN DIRECTED BY THE ENGINEER TO MARK UNUSUAL ALIGNMENT OF THE TRAVELED WAY.

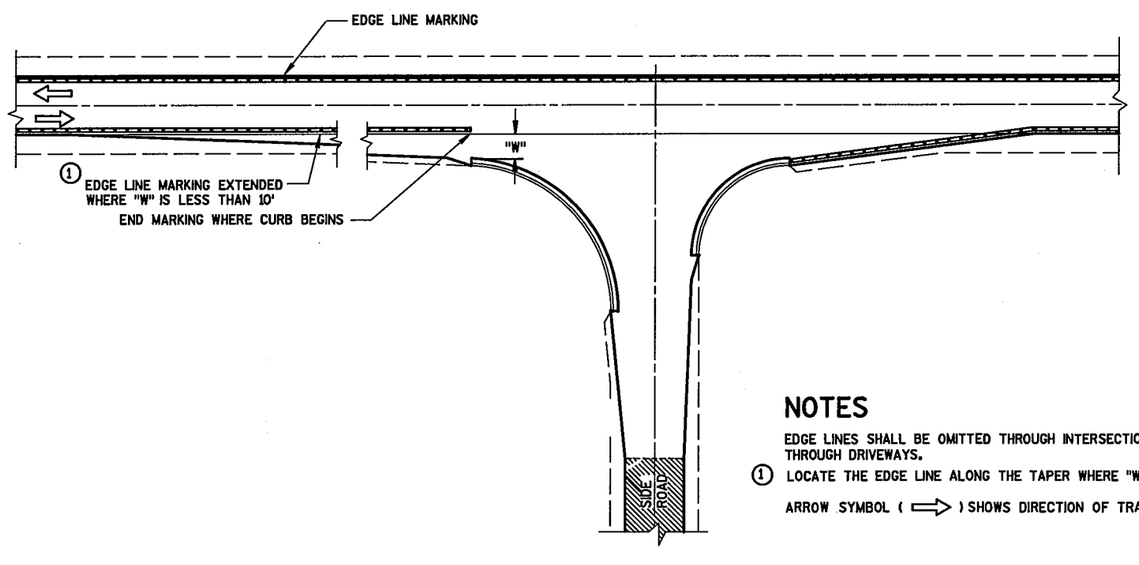
2. NO PASSING ZONE TEMPORARY PAVEMENT MARKING IS REQUIRED TO BE PLACED, WHERE APPROPRIATE, ALONG WITH CENTERLINE TEMPORARY PAVEMENT MARKING WHEN A SAME DAY PERMANENT PAVEMENT MARKING ITEM IS INCLUDED IN THE CONTRACT.

NOTE

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

PLOTTED ON: 02/01/2006

PLOTTED ON: 02/01/2006



NOTES

EDGE LINES SHALL BE OMITTED THROUGH INTERSECTIONS. EDGE LINES SHALL BE CONTINUED THROUGH DRIVEWAYS.

① LOCATE THE EDGE LINE ALONG THE TAPER WHERE "W" IS 10' OR MORE.

ARROW SYMBOL (⇨) SHOWS DIRECTION OF TRAVEL

MINOR INTERSECTION WITH CURBS

(TYPICAL MARKING)

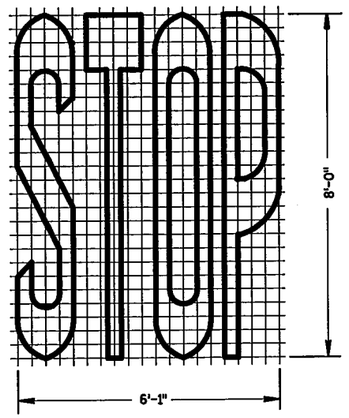
PROJECT NUMBER	SHEET NO
284-56	11

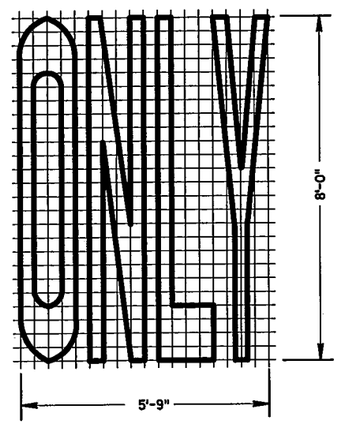
GENERAL NOTES

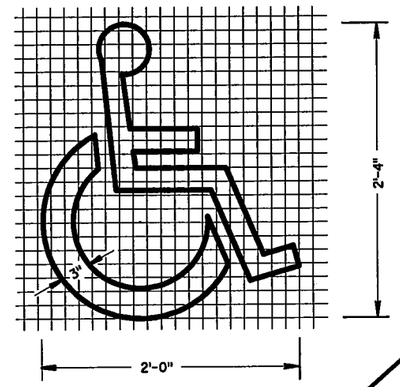
DETAILS OF INSTALLATION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS AND APPLICABLE SPECIAL PROVISIONS.

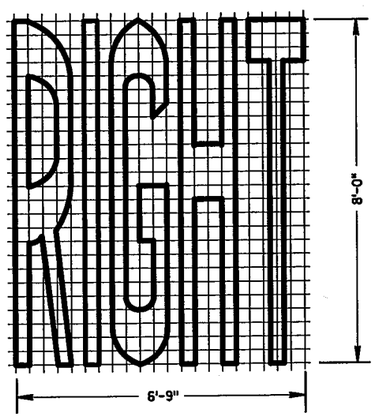
ALL LETTERS AND SYMBOLS SHALL BE IN CONFORMANCE WITH REQUIREMENTS INCLUDED IN "STANDARD ALPHABETS FOR HIGHWAY SIGNS AND PAVEMENT MARKING" BY THE FEDERAL HIGHWAY ADMINISTRATION. ALL LETTERS, ARROWS AND SYMBOLS SHALL BE WHITE AND REFLECTORIZED.

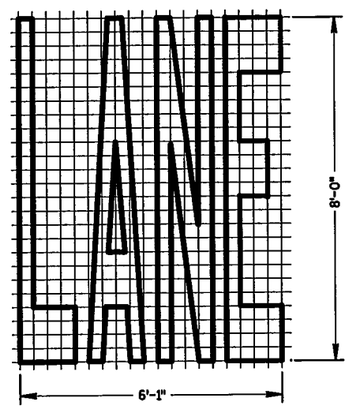
A DETAILED DRAWING OF THE HANDICAPPED PARKING SYMBOL IS ILLUSTRATED IN THE "STANDARD HIGHWAY SIGNS MANUAL" BY THE FEDERAL HIGHWAY ADMINISTRATION.

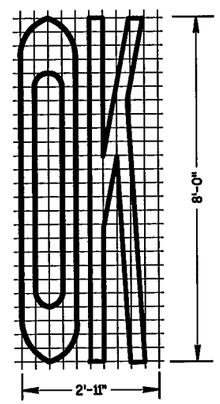


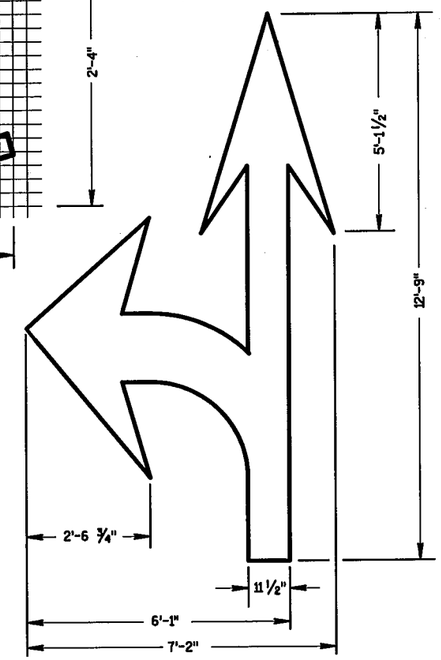




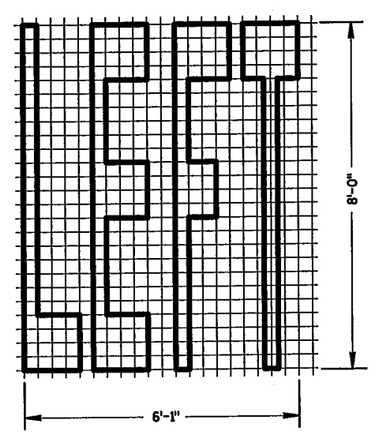


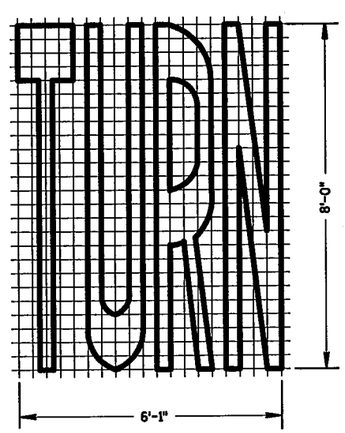


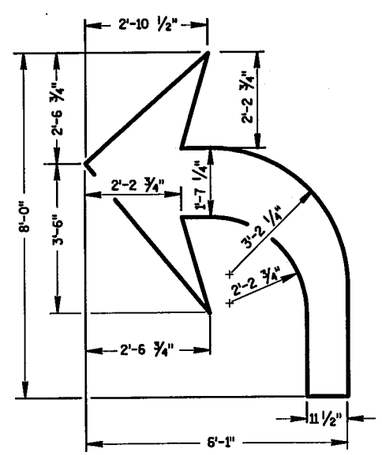




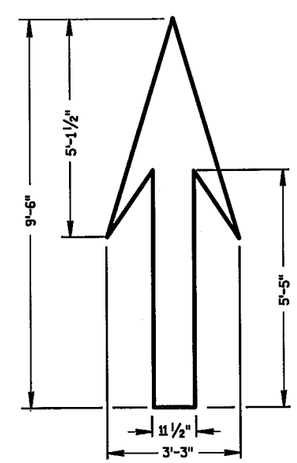
TYPE 3



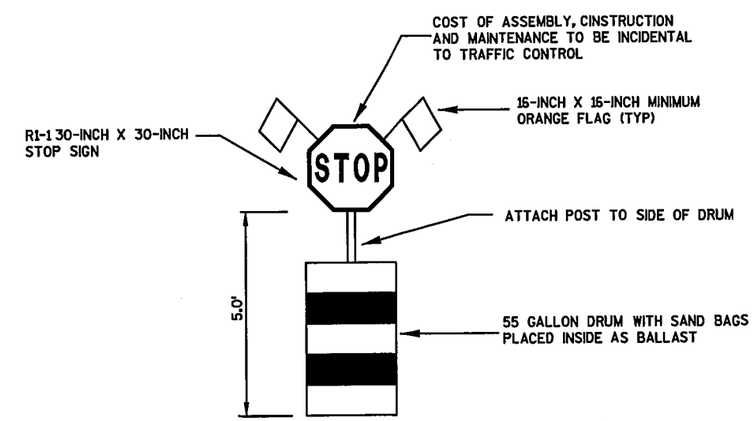




TYPE 2



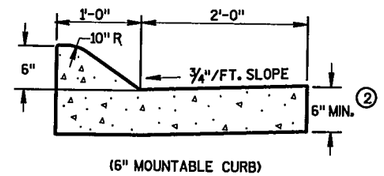
TYPE 1



TEMPORARY STOP SIGN

PLOTTED ON: 02/01/2006

PROJECT NUMBER	SHEET NO
284-56	12



(6" MOUNTABLE CURB)

TYPE D

CONCRETE CURB & GUTTER 36"

GENERAL NOTES

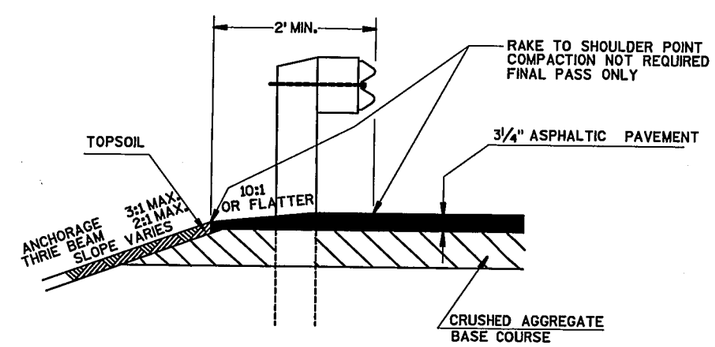
DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE CONTRACT.

INTEGRAL CURB & GUTTER SHALL CONFORM TO THE DETAILS SHOWN FOR CONCRETE CURB & GUTTER INCLUDING THE TRANSVERSE GUTTER SLOPE. A LONGITUDINAL CONSTRUCTION JOINT IS NOT REQUIRED WITH INTEGRAL CURB AND GUTTER.

UNLESS OTHERWISE SHOWN ON THE TYPICAL CROSS SECTIONS, THE BASE COURSE AND UNCLASSIFIED EXCAVATION LIMITS ARE 2'-0" BEHIND THE BACK OF CURBS.

② THE BOTTOM OF CURB AND GUTTER MAY BE CONSTRUCTED EITHER LEVEL OR PARALLEL TO THE SLOPE OF THE SUBGRADE OR BASE COURSE PROVIDED A 6" MINIMUM GUTTER THICKNESS IS MAINTAINED.

③ WHEN REVERSE SLOPE GUTTER IS REQUIRED, THE LOCATION(S) WILL BE SHOWN ELSEWHERE IN THE PLAN.

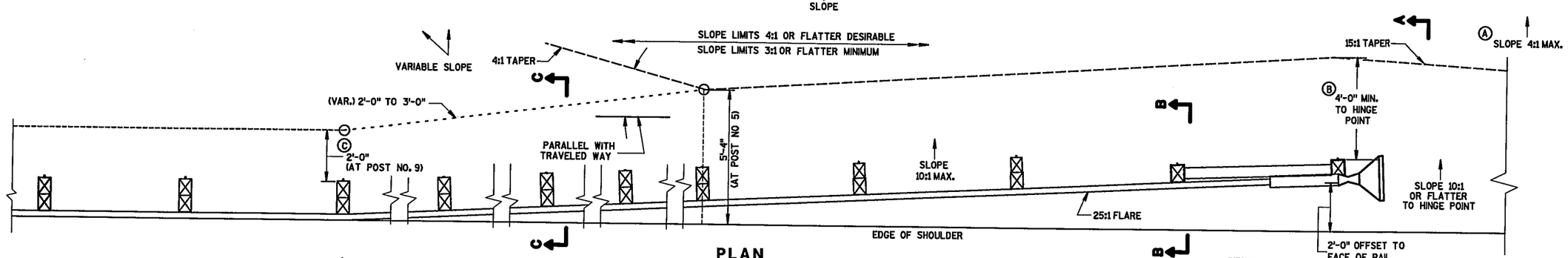


ASPHALTIC SHOULDER AT GUARD RAIL

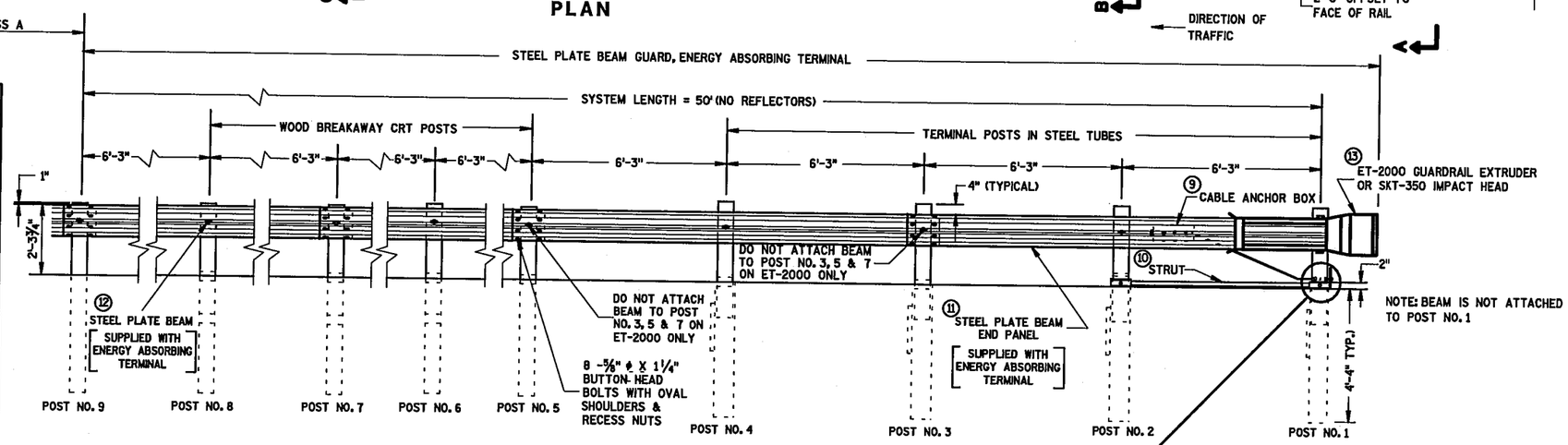
STA 121+55, LT - STA 126+00, LT
STA 123+40, RT - STA 125+60, RT
STA 155+90, LT - STA 160+65, LT
STA 156+00, RT - STA 161+20, RT

PLOTTED ON

PROJECT NUMBER	SHEET NO
284-56	13



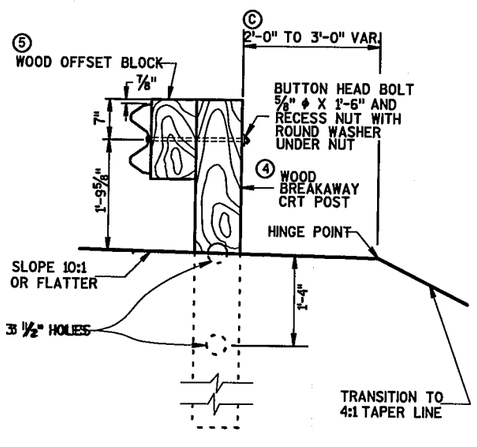
PLAN



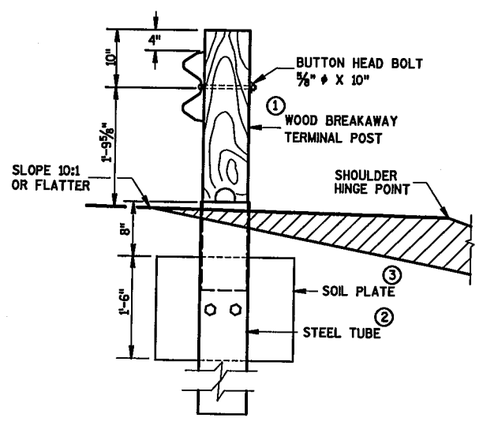
ELEVATION

BILL OF MATERIALS

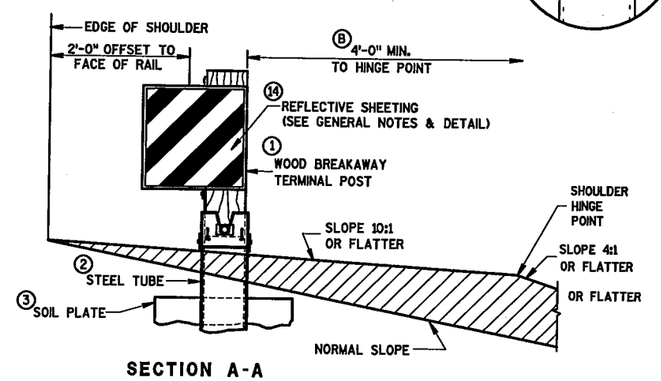
NOTE NO.	QTY.	DESCRIPTION
①	4	WOOD BREAKAWAY TERMINAL POST: 5½" X 7½" X 3'-9"
②	4	STEEL TUBE: TS 8" X 6" X 0.188", 4'-6" LONG
③	4	SOIL PLATE: 2'-0" X 1'-6" X ¼"
④	4	WOOD BREAKAWAY CRT POST: 6" X 8" X 6'-0"
⑤	6	WOOD OFFSET BLOCKS: 6' X 8" X 1'-2"
⑥	1	PIPE SLEEVE: 2" X 5 ½" STANDARD PIPE
⑦	1	BEARING PLATE
⑧	1	BCT CABLE ASSEMBLY
⑨	1	CABLE ANCHOR BOX
⑩	1	STRUT & YOKE
⑪	1	STEEL PLATE BEAM, END PANEL 12 GA. 13'-6½" LONG FOR SKT-350 & ET-2000
⑫	3	STEEL PLATE BEAM: 12 GA. 13'-6½"
⑬	1	ET-2000 GUARDRAIL EXTRUDER OR SKT-350 IMPACT HEAD: AS FURNISHED BY MANUFACTURER
⑭	1	REFLECTIVE SHEETING: 18" X 18"



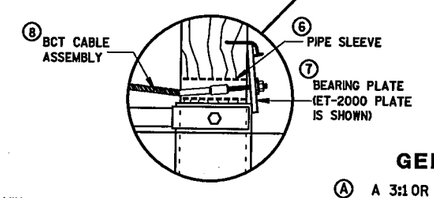
SECTION C-C
TYPICAL AT POST NOS. 5-8 INC.



SECTION B-B
TYPICAL AT POST NO. 2
(ADD WOOD OFFSET BLOCK AT POST 3 & 4)



SECTION A-A
TYPICAL AT POST NO. 1



GENERAL NOTES

Ⓐ A 3:1 OR FLATTER SLOPE MAY BE USED FOR INSTALLATION ON EXISTING HIGHWAYS.

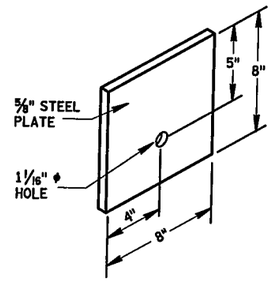
Ⓑ WHEN SPECIFIED ELSEWHERE IN THE CONTRACT THE 4-FOOT MINIMUM TO HINGE POINT, MAY BE REDUCED OR ELIMINATED WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE EARTHWORK. SIMILIARLY THE 15:1 TAPER MAY BE REDUCED TO 4:1.

Ⓒ WHEN SPECIFIED ELSEWHERE IN THE CONTRACT THE 2-FOOT MINIMUM TO HINGE POINT, MAY BE REDUCED OR ELIMINATED WHERE EXISTING CONDITIONS WILL NOT PERMIT THE DESIRABLE EARTHWORK.

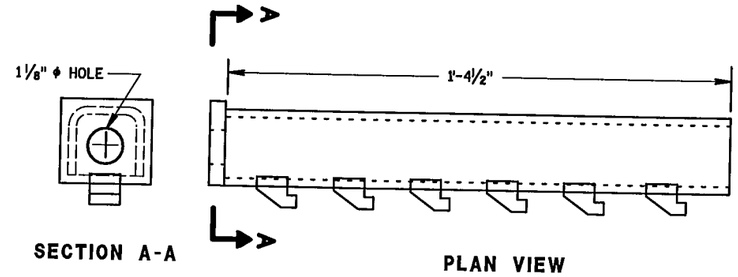
STEEL POSTS SHALL NOT BE ALLOWED FOR USE WITH ENERGY ABSORBING TERMINALS.

STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL

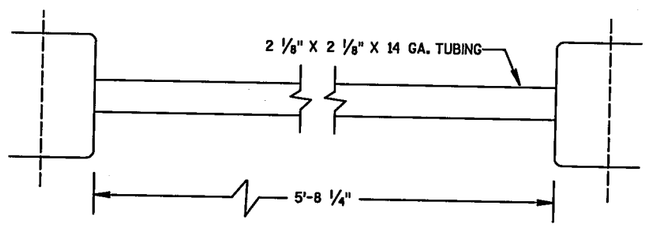
PROJECT NUMBER	SHEET NO.
284-56	14



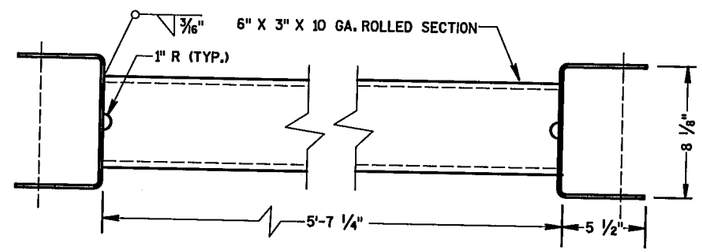
STEEL BEARING PLATE (SKT-350)



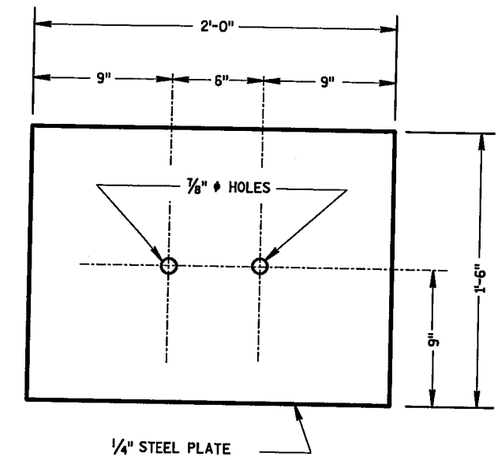
CABLE ANCHOR BOX (ET-2000/ET-2000 PLUS)



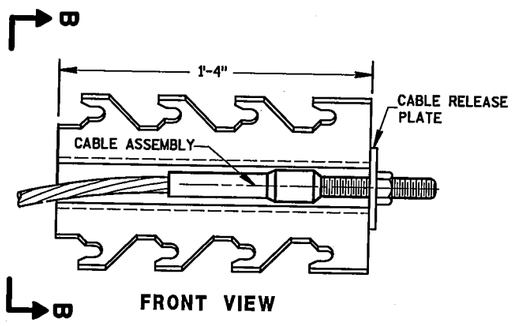
STRUT DETAIL (SKT-350)

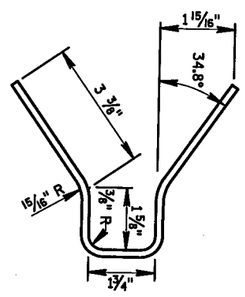


STRUT DETAIL (ET-2000/ET-2000 PLUS)



SOIL PLATE
(SKT-350, ET-2000/ET-2000 PLUS)

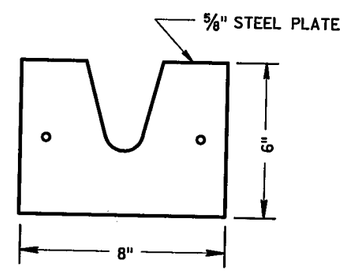




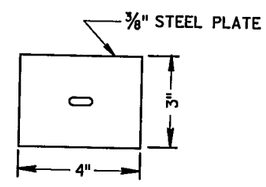
SECTION B-B

CABLE ANCHOR BOX (SKT-350)

(SKT-350)



STEEL BEARING PLATE
(ET-2000/ET-2000 PLUS)

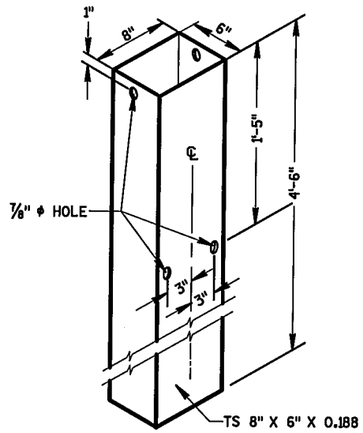


BEARING PLATE WASHER
(ET-2000/ET-2000 PLUS)

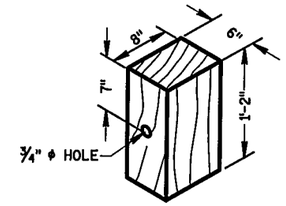
(ET-2000/ET-2000 PLUS)

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

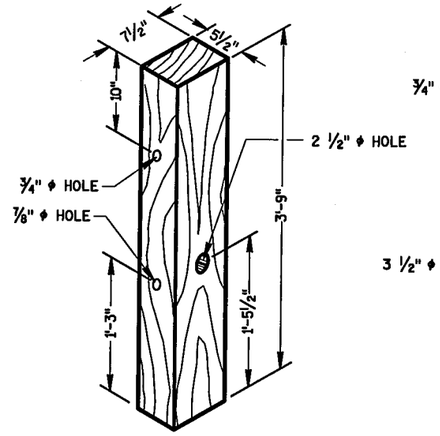
PROJECT NUMBER	SHEET NO
284-56	15



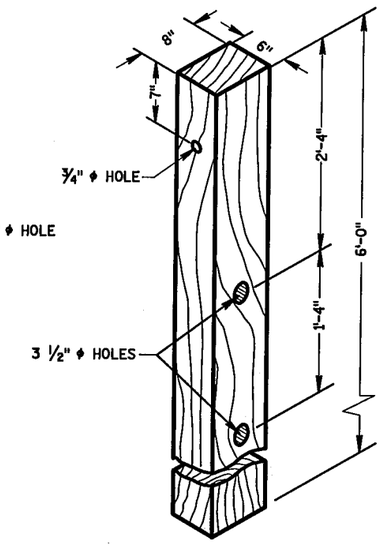
STEEL TUBE
(POSTS NO. 1-4
THE STEEL TUBE SHALL CONFORM
TO REQUIREMENTS OF ASTM A500



WOOD OFFSET BLOCK
REQ'D. AT ALL POSTS EXCEPT POST NO'S 1 & 2

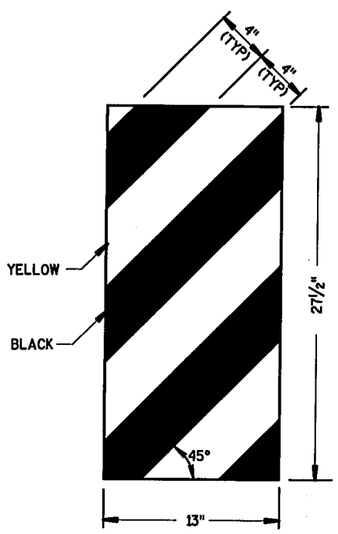


TERMINAL POST
(POSTS NO. 1-4

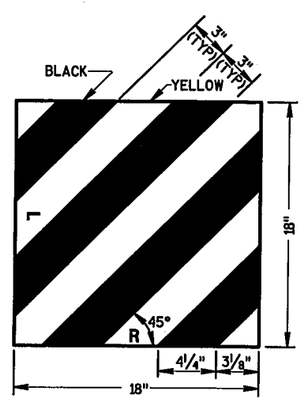


CRT POST
(POSTS NO'S 5-8

WOOD BREAKAWAY POSTS



ET-2000 PLUS ONLY



ET-2000 AND SKT-350

REFLECTIVE SHEETING DETAILS

GENERAL NOTES

DETAILS OF CONSTRUCTION, MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE PERTINENT REQUIREMENTS OF THE STANDARD SPECIFICATIONS, APPLICABLE SPECIAL PROVISIONS AND MANUFACTURERS INSTRUCTIONS.

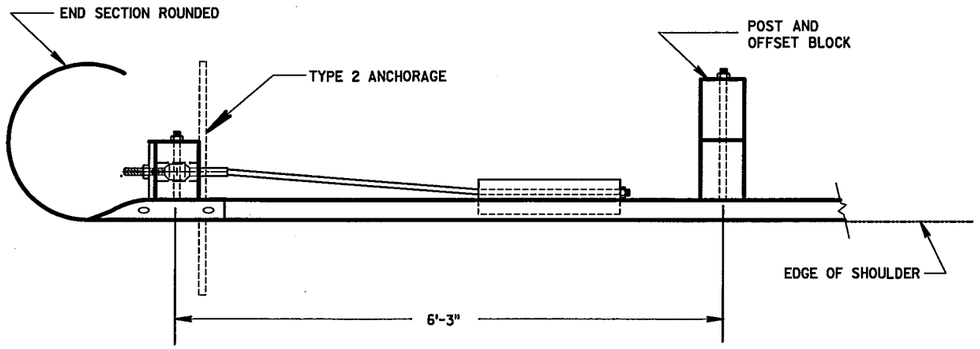
STEEL PLATE BEAM GUARD ENERGY ABSORBING TERMINAL SHALL BE EITHER THE EXTRUDER TERMINAL (ET-2000), OR THE SEQUENTIAL KINKING TERMINAL (SKT-350). THE CONTRACTOR SHALL NOT INTERMIX PROPRIATERY PRODUCT MATERIALS.

STEEL PLATE BEAM GUARD, ENERGY ABSORBING TERMINAL SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH, WHICH SHALL INCLUDE HARDWARE, STEEL PLATE BEAM GUARD, POSTS, REFLECTIVE SHEETING AND INSTALLATION AS SHOWN.

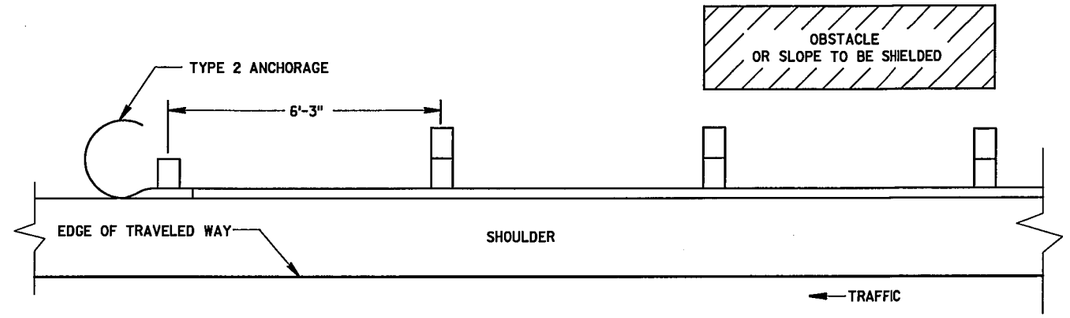
REFLECTIVE SHEETING - SHALL CONFORM TO ASTM SPECIFICATION D4956-94, REFLECTIVE SHEETING TYPE III, BACKING CLASS 4, PERFORMANCE REQUIREMENT TYPE III. THE MESSAGE AND LINES SHALL BE APPLIED TO THE SIGNS BY THE SILK SCREEN STENCIL PROCESS USING A BLACK OR DARK STENCIL PASTE AS A TYPE APPROVED BY THE MANUFACTURER OF THE FACE MATERIAL TO WHICH IT IS TO BE APPLIED. MESSAGE UNITS CUT FROM NONREFLECTIVE SHEETING AND APPLIED TO THE SIGN FACE ARE NOT ACCEPTABLE. AFTER THE APPROACH END OF THE STEEL PLATE BEAM GUARD INSTALLATION IS COMPLETE, CLEAN THE AREA WHERE THE REFLECTIVE SHEETING WILL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATION. ONCE CLEAN, APPLY REFLECTIVE SHEETING DIRECTLY TO THE STEEL PLATE BEAM GUARD AS SHOWN. THE CONTRACTOR SHALL TURN OVER THE MANUFACTURERS WARRANTY FOR THE REFLECTIVE SHEETING TO THE DEPARTMENT FOR POTENTIAL DEALING WITH THE MANUFACTURER. PAYMENT OF REFLECTIVE SHEETING IS INCIDENTAL TO STEEL PLATE BEAM GUARD, ENERGY ABSORBING TERMINAL.

WHEN ROCK IS ENCOUNTERED DURING EXCAVATION, A 12 INCH DIA. POST HOLE EXTENDING 20 INCHES DEEP INTO THE ROCK MAY BE USED IF APPROVED BY THE ENGINEER. GRANULAR MATERIAL SHALL BE PLACED IN THE BOTTOM OF THE HOLE APPROXIMATELY 2 1/2" INCHES DEEP TO PROVIDE DRAINAGE. THE SOIL TUBES SHALL BE FIELD CUT TO LENGTH, PLACED IN THE HOLE AND BACKFILLED WITH ADEQUATELY COMPACTED MATERIAL EXCAVATED FROM THE HOLE.

STEEL PLATE BEAM GUARD
ENERGY ABSORBING TERMINAL

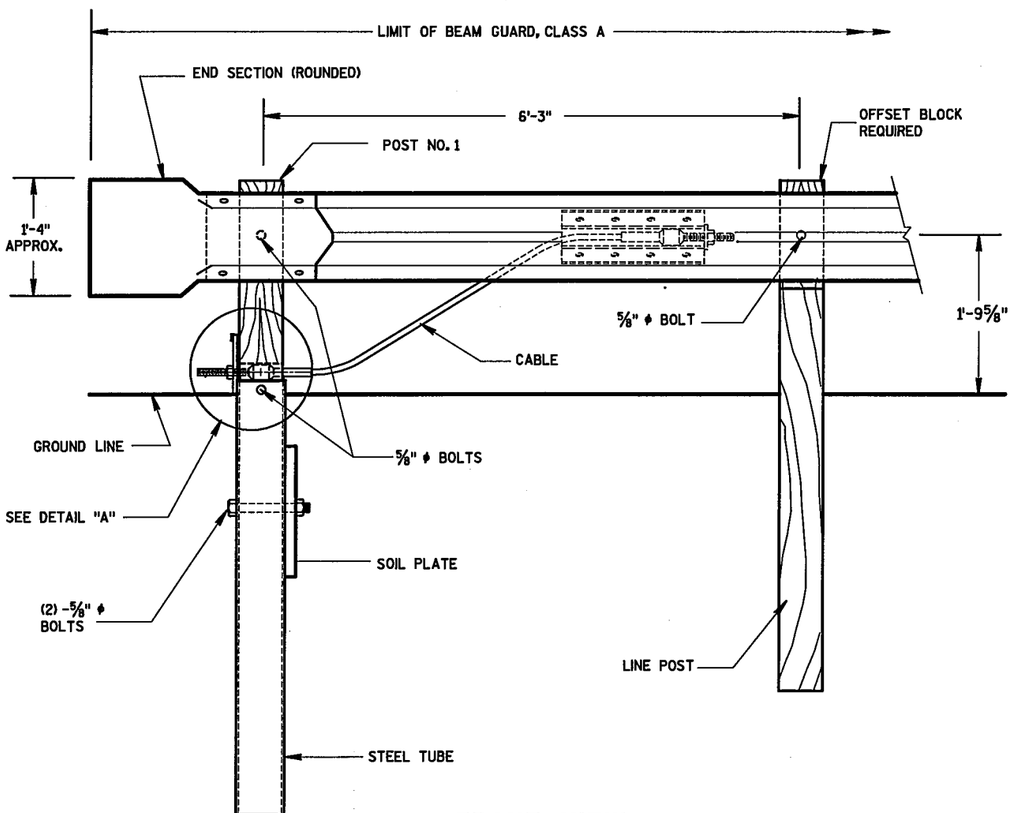


PLAN VIEW



PLAN VIEW

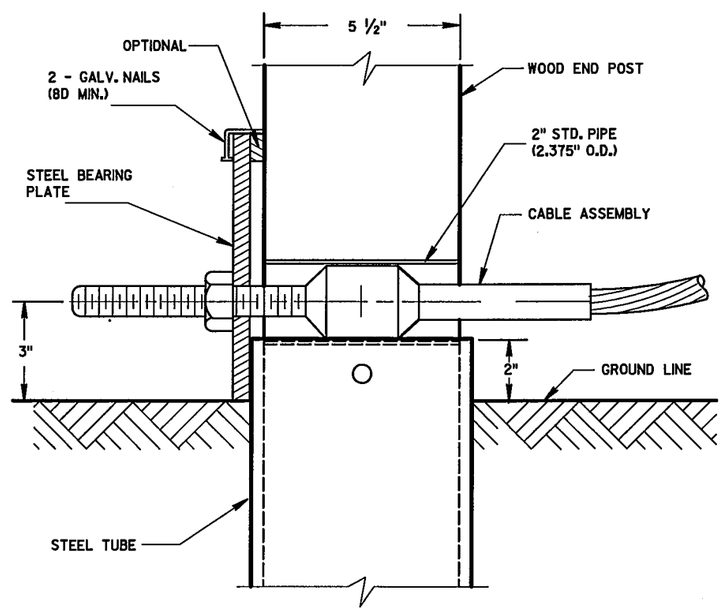
BEAM GUARD WITH TYPE 2 ANCHORAGE EXIT END - ONE WAY TRAFFIC



FRONT VIEW

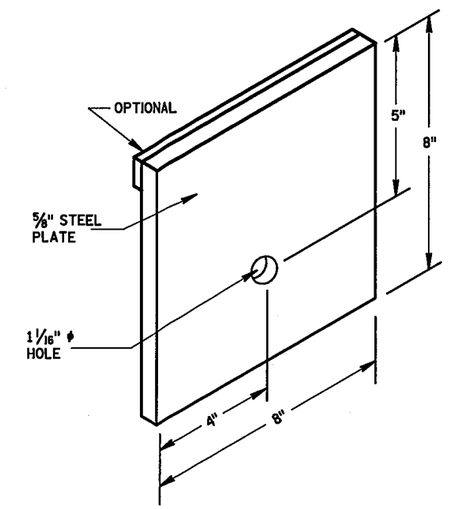
END TREATMENT WITH TYPE 2 ANCHORAGE

(USE ON ONE-WAY ROADWAYS ONLY - DEPARTING END)



DETAIL "A"

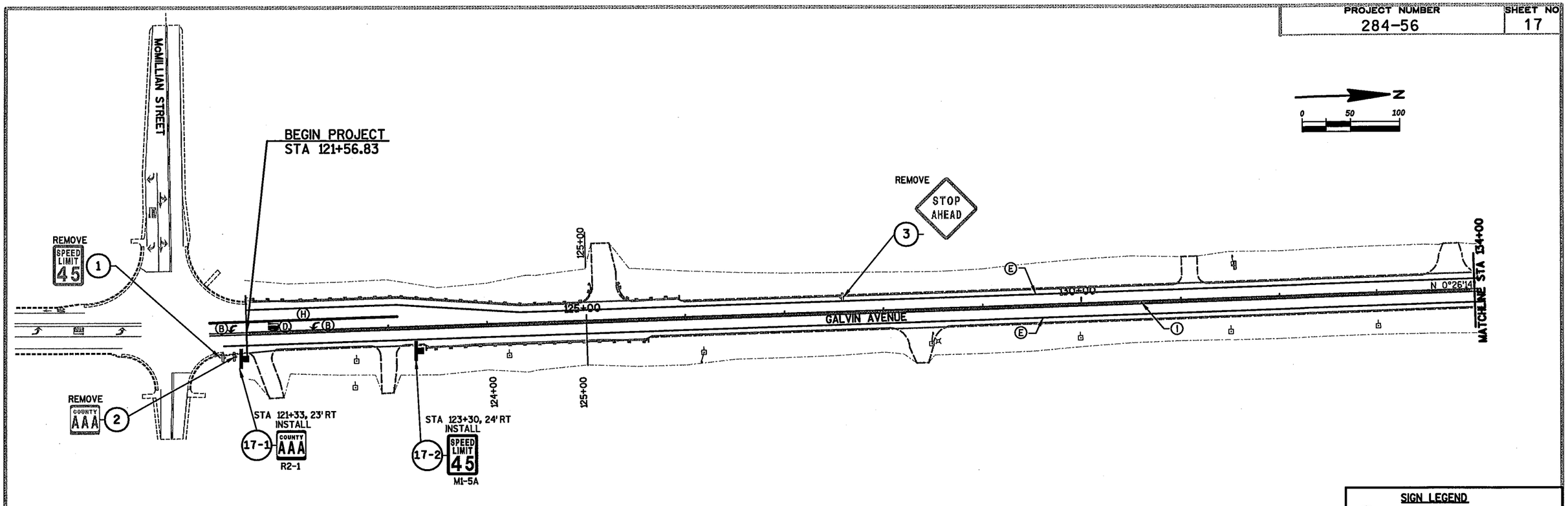
POST NO. 1



STEEL BEARING PLATE

CLASS "A" STEEL PLATE BEAM GUARD END TREATMENT WITH ANCHORAGE, TYPE 2

PROJECT NUMBER	SHEET NO
284-56	17

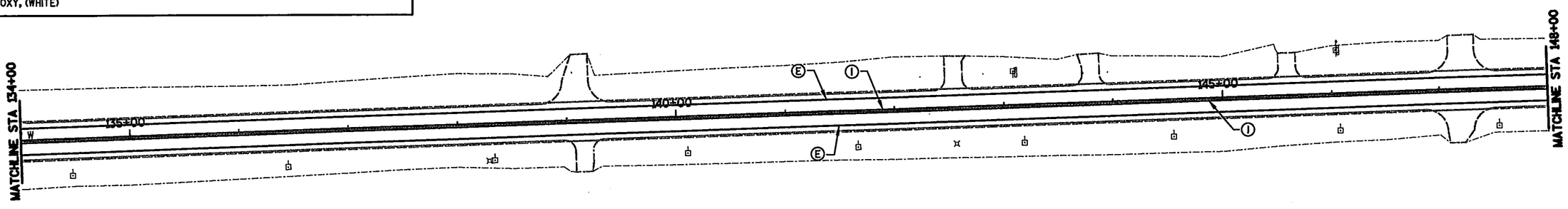


SIGN LEGEND

(000) SIGN GROUP NUMBER

PAVEMENT MARKING LEGEND

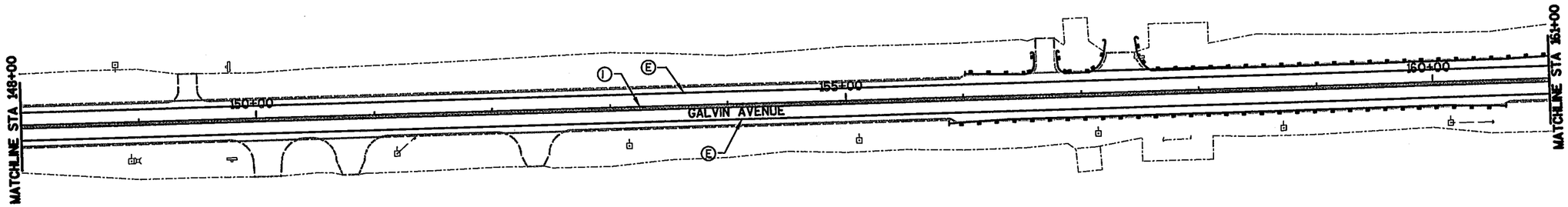
- (A) NOT USED
- (B) PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
- (C) NOT USED
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) NOT USED
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) NOT USED
- (K) NOT USED



PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\odd\3448-514m.dgn

PROJECT NUMBER	SHEET NO
284-56	18

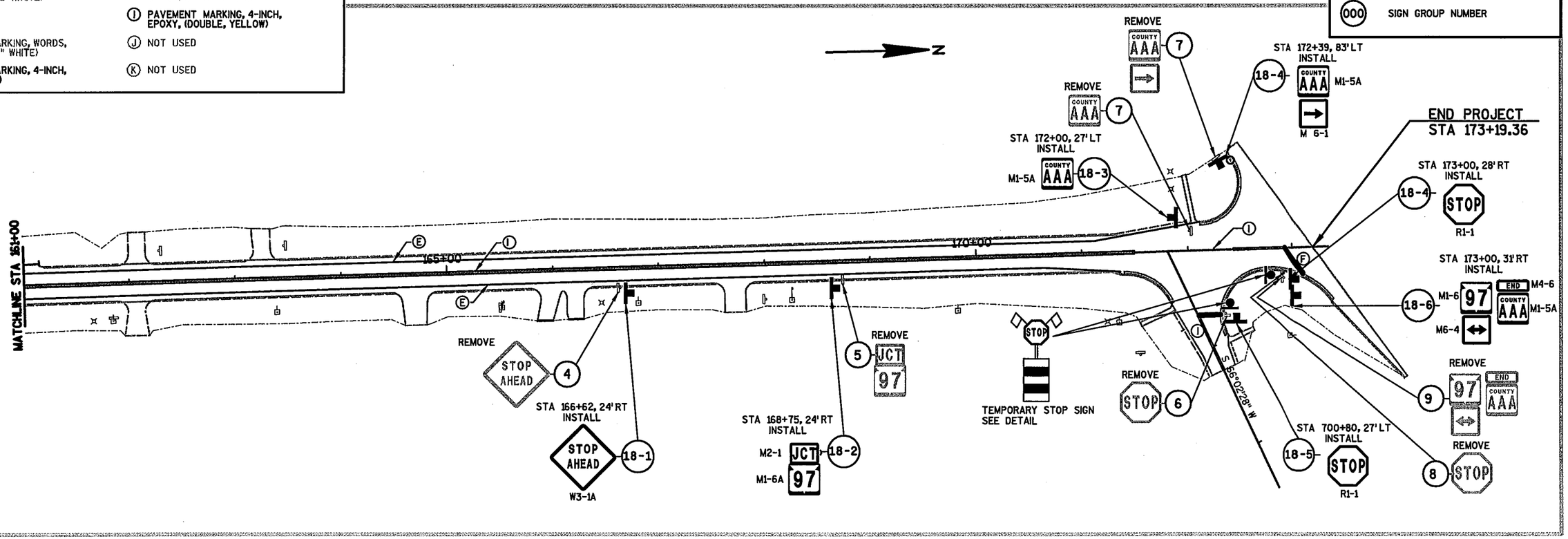


PAVEMENT MARKING LEGEND

- (A) NOT USED
- (B) PAVEMENT MARKING, ARROWS, EPOXY, TYPE 2 (WHITE)
- (C) NOT USED
- (D) PAVEMENT MARKING, WORDS, EPOXY ("ONLY" WHITE)
- (E) PAVEMENT MARKING, 4-INCH, EPOXY, (WHITE)
- (F) PAVEMENT MARKING, STOP LINE, 18-INCH, EPOXY, (WHITE)
- (G) NOT USED
- (H) PAVEMENT MARKING, CHANNELIZING, 8-INCH, EPOXY (WHITE)
- (I) PAVEMENT MARKING, 4-INCH, EPOXY, (DOUBLE, YELLOW)
- (J) NOT USED
- (K) NOT USED

SIGN LEGEND

(000) SIGN GROUP NUMBER



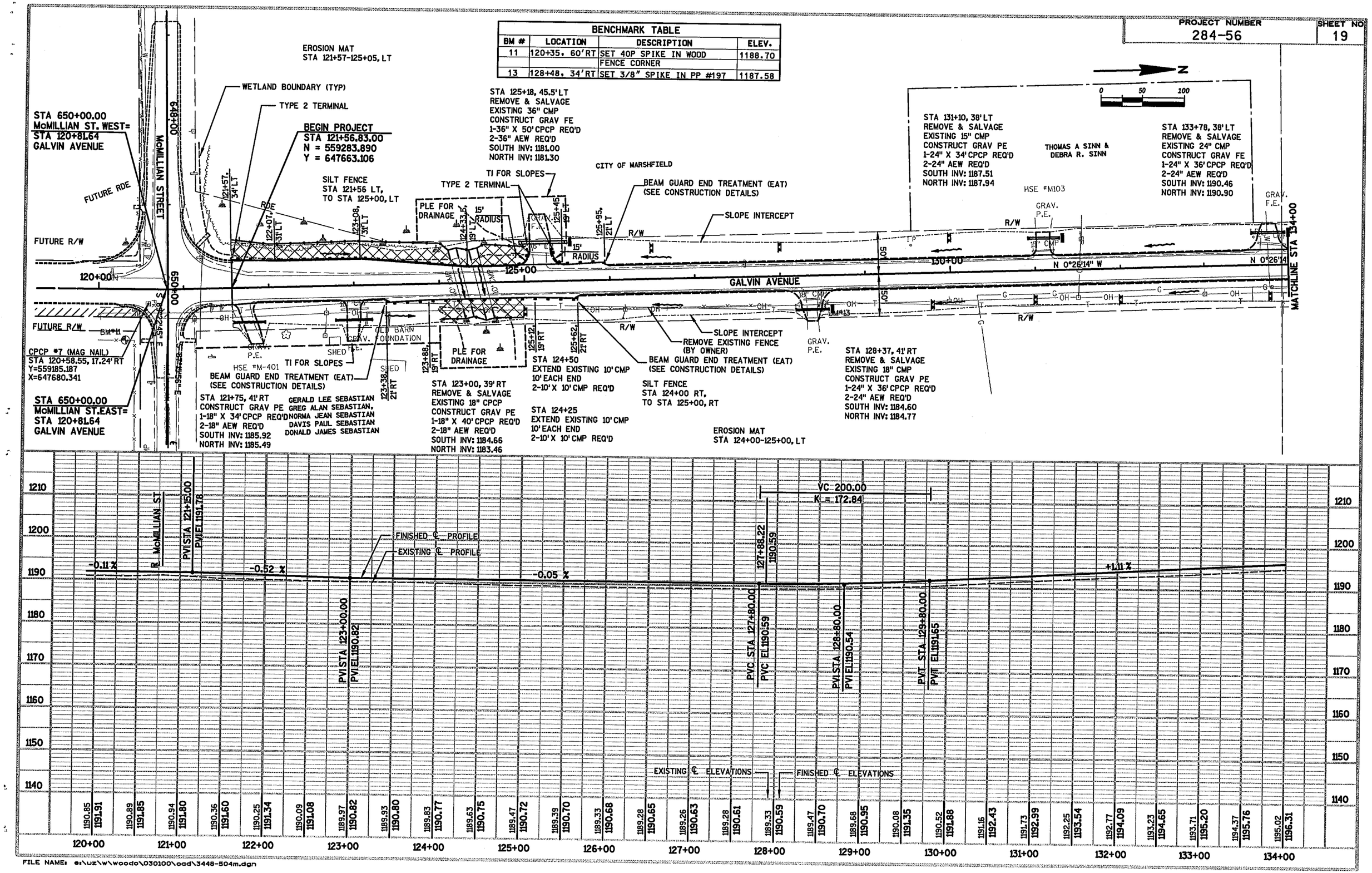
FILE NAME: e:\uz\w\woodo\030100\cad\3448-515m.dgn

PLOTTED ON: 02/01/2006

PROJECT NUMBER 284-56

SHEET NO 19

BENCHMARK TABLE			
BM #	LOCATION	DESCRIPTION	ELEV.
11	120+35, 60'RT	SET 40P SPIKE IN WOOD FENCE CORNER	1188.70
13	128+48, 34'RT	SET 3/8" SPIKE IN PP #197	1187.58

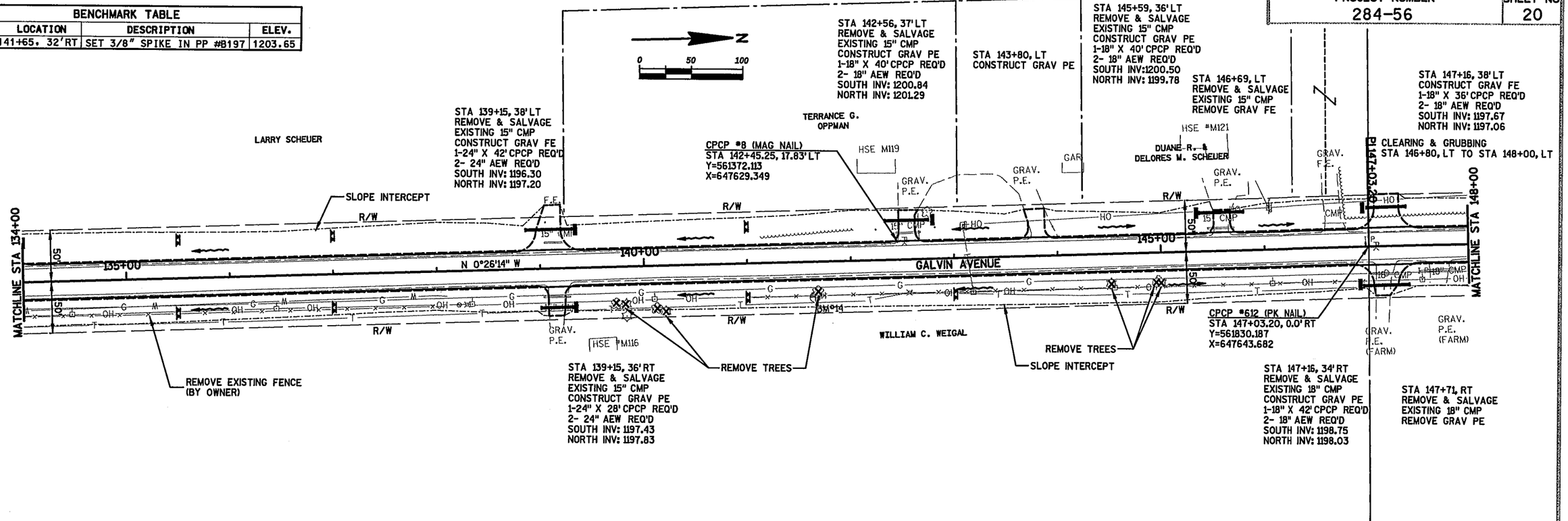


PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\dgn\3448-504m.dgn

BENCHMARK TABLE			
BM #	LOCATION	DESCRIPTION	ELEV.
14	141+65, 32'RT	SET 3/8" SPIKE IN PP #B197	1203.65

PROJECT NUMBER	SHEET NO
284-56	20



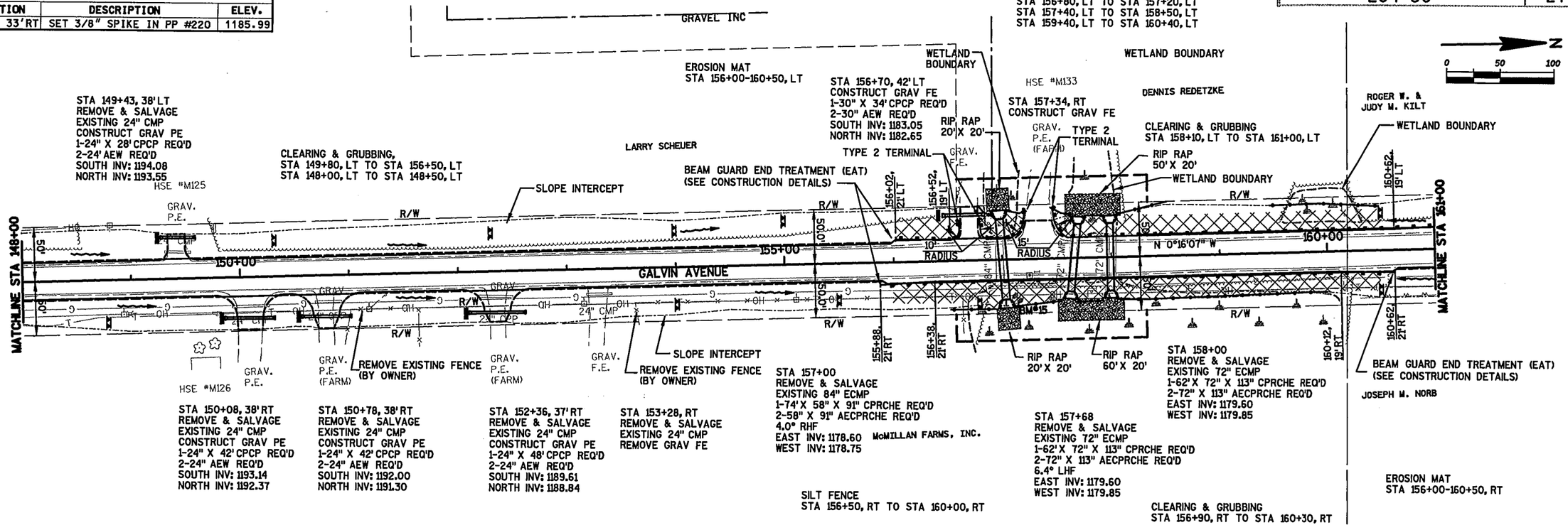
FILE NAME: e:\uz\w\woodo\030100\ood\3448-505m.dgn

PLOTTED ON: 02/01/2006

BENCHMARK TABLE			
BM #	LOCATION	DESCRIPTION	ELEV.
15	157+14, 33'RT	SET 3/8" SPIKE IN PP #220	1185.99

PROJECT NUMBER 284-56

SHEET NO 21



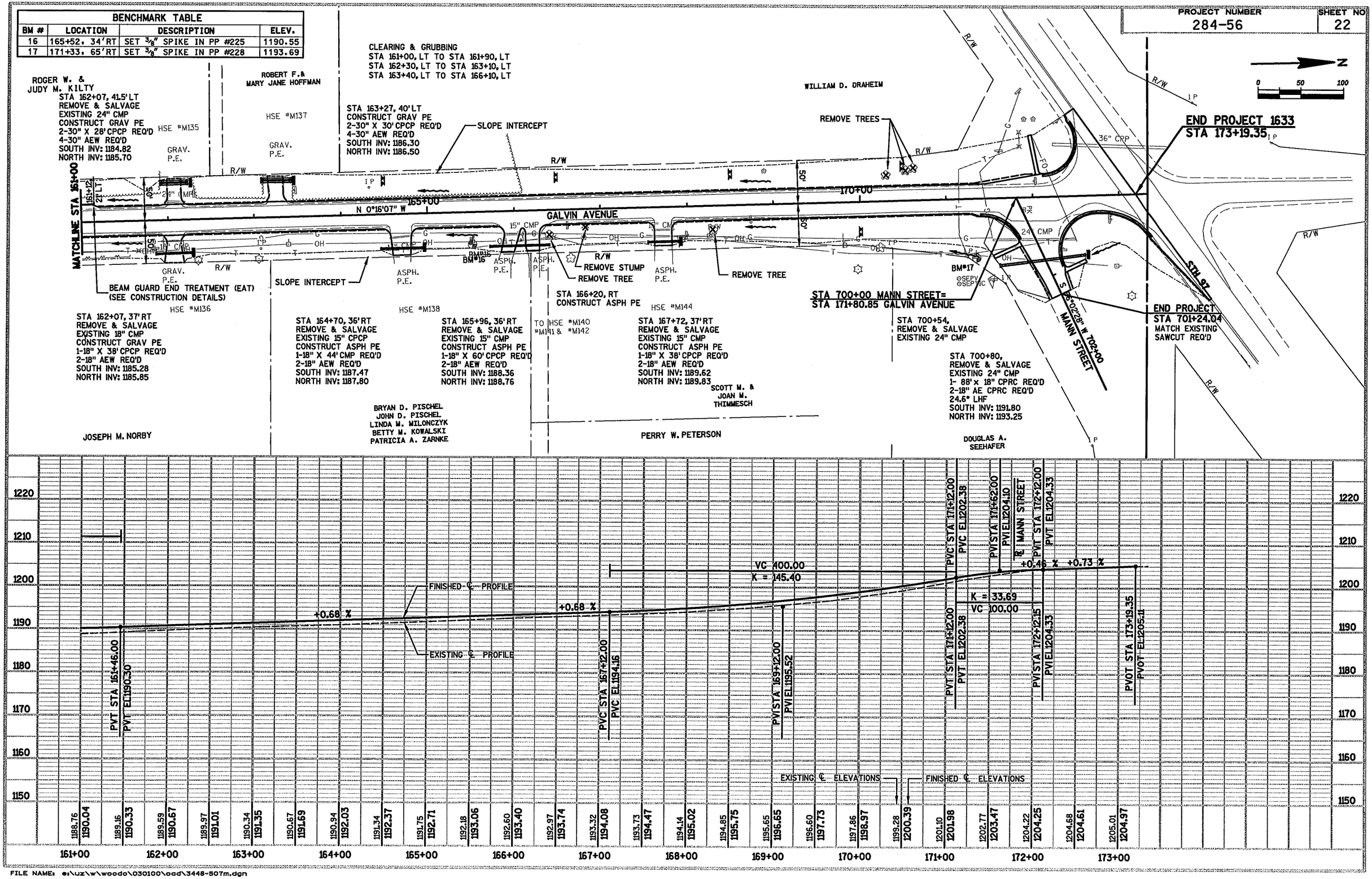
PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\dgd\3448-506m.dgn

PROJECT NUMBER	SHEET NO
284-56	22

BENCHMARK TABLE

BM #	LOCATION	DESCRIPTION	ELEV.
16	165+52, 34'RT	SET 3/8" SPIKE IN PP #225	1190.55
17	171+33, 65'RT	SET 3/8" SPIKE IN PP #228	1193.69



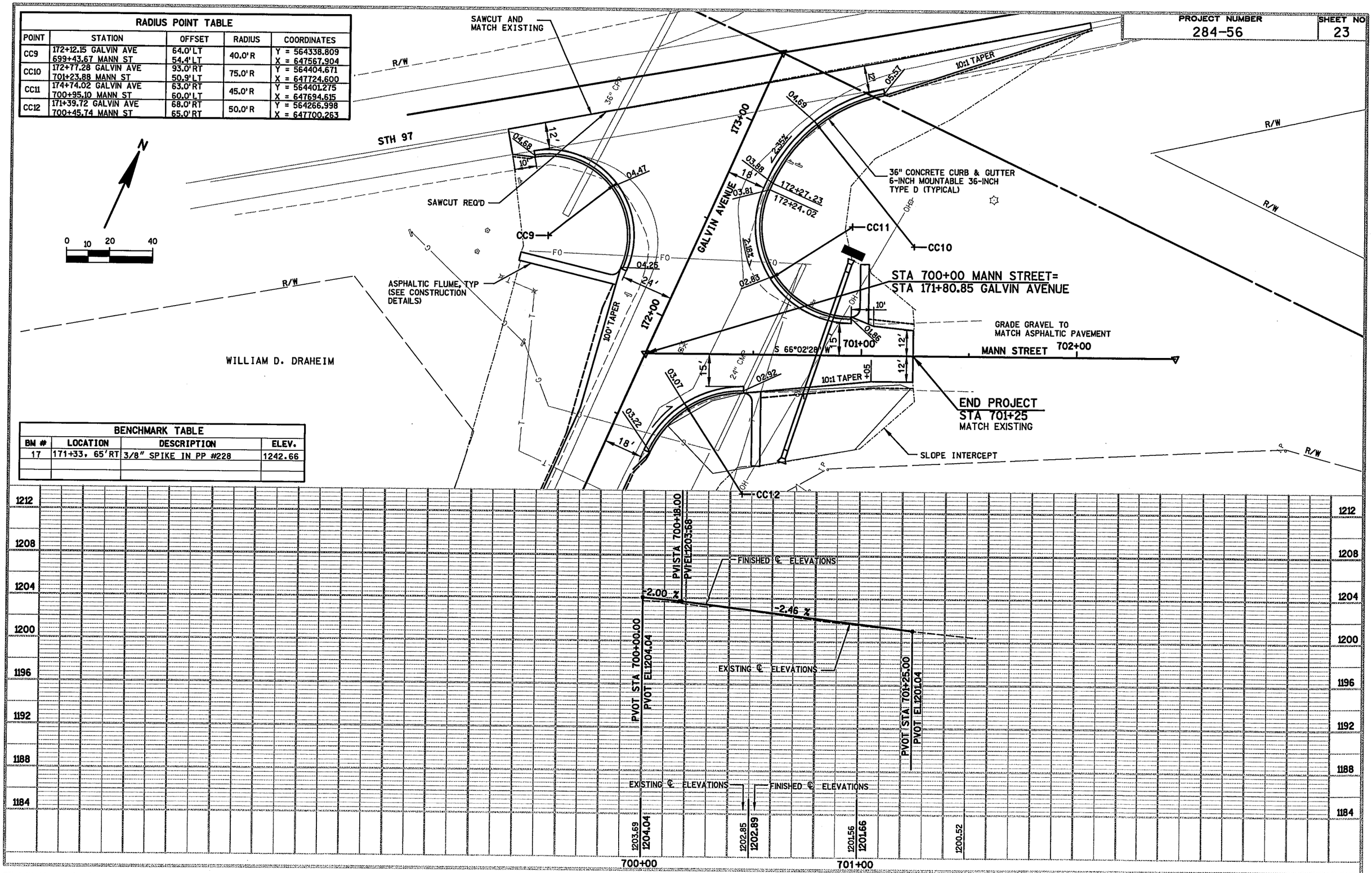
PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\cad\3448-507m.dgn

PROJECT NUMBER	SHEET NO
284-56	23

RADIUS POINT TABLE

POINT	STATION	OFFSET	RADIUS	COORDINATES
CC9	172+12.15 GALVIN AVE 699+43.67 MANN ST	64.0'LT 54.4'LT	40.0'R	Y = 564338.809 X = 647567.904
CC10	172+77.28 GALVIN AVE 701+23.88 MANN ST	93.0'RT 50.9'LT	75.0'R	Y = 564404.671 X = 647724.600
CC11	174+74.02 GALVIN AVE 700+95.10 MANN ST	63.0'RT 60.0'LT	45.0'R	Y = 564401.275 X = 647694.615
CC12	171+39.72 GALVIN AVE 700+45.74 MANN ST	68.0'RT 65.0'RT	50.0'R	Y = 564266.998 X = 647700.263

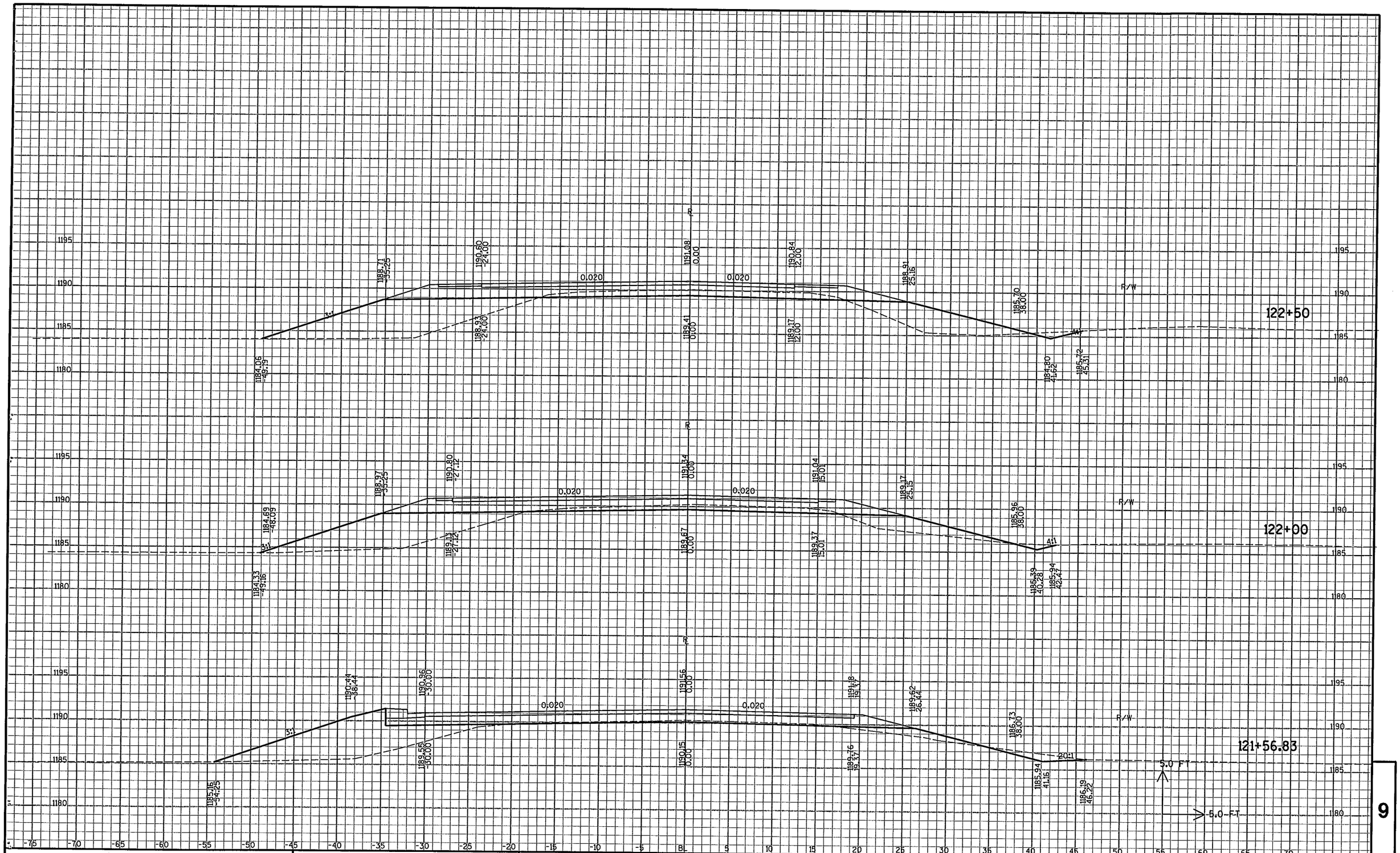


BENCHMARK TABLE

BM #	LOCATION	DESCRIPTION	ELEV.
17	171+33, 65'RT	3/8" SPIKE IN PP #228	1242.66

PLOTTED ON: 02/01/2006

FILE NAME: e:\uz\w\woodo\030100\cod\3448-510m.dgn



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 24	E

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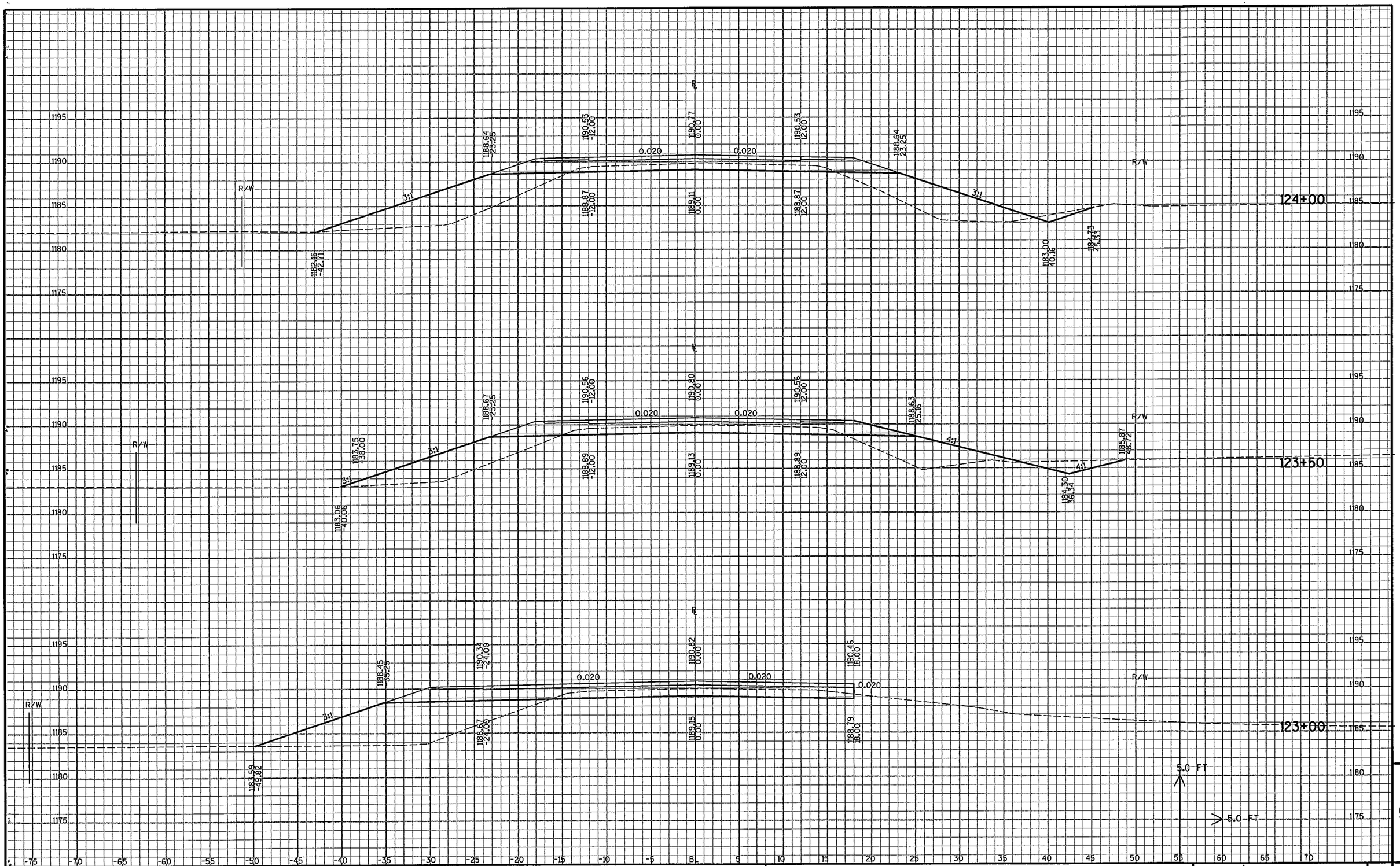

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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 25	E

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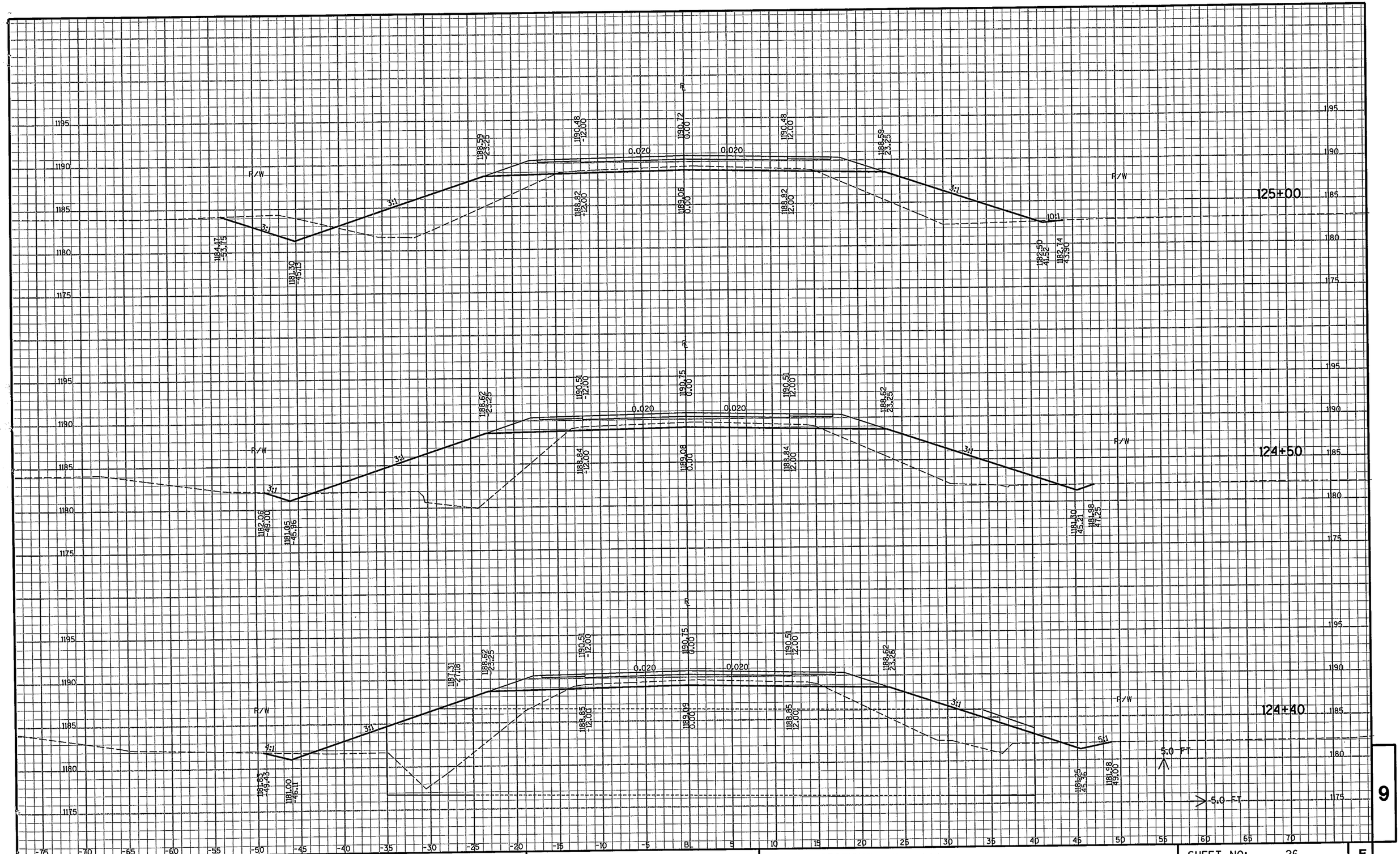

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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 26	E

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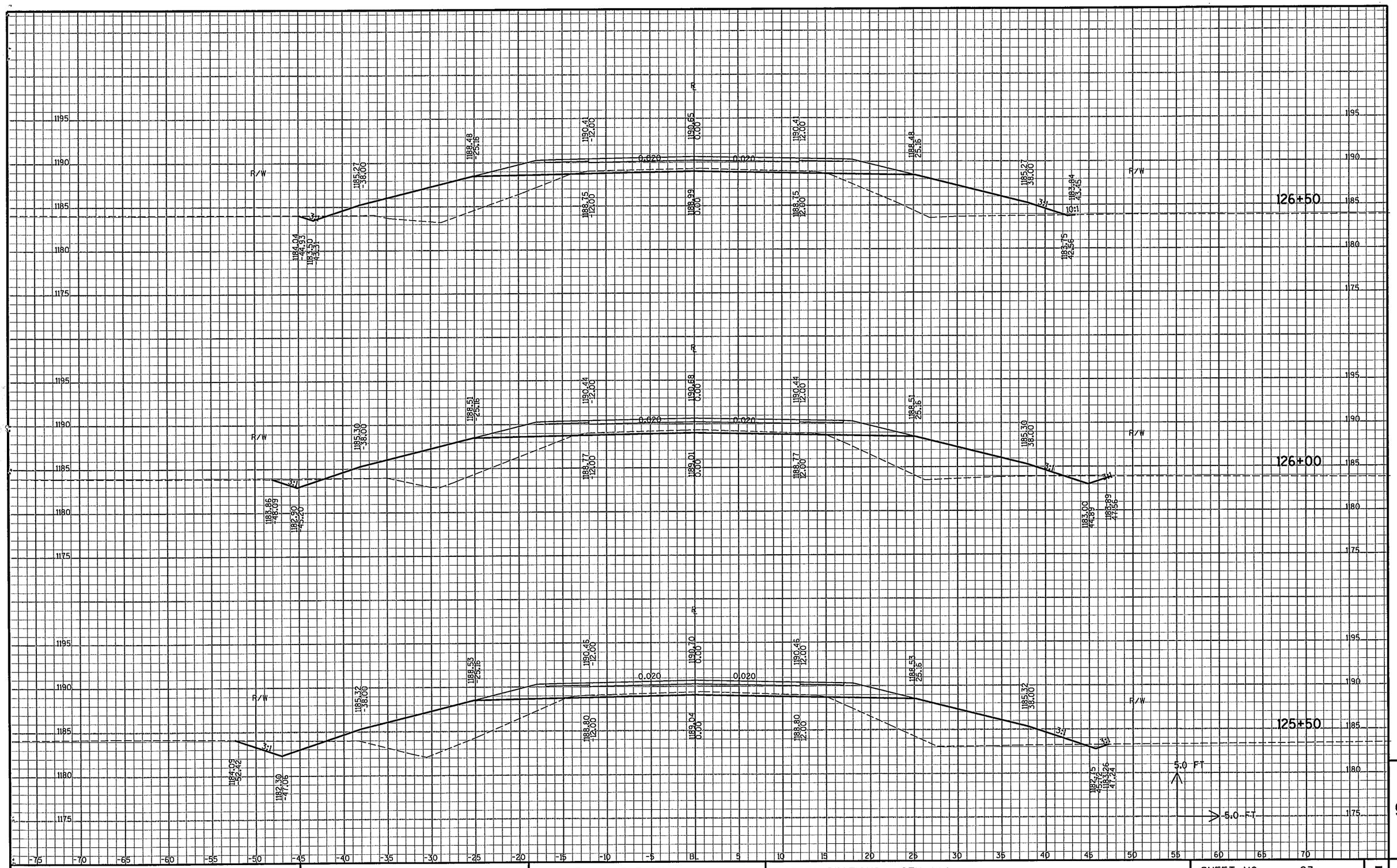

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 27	E

9

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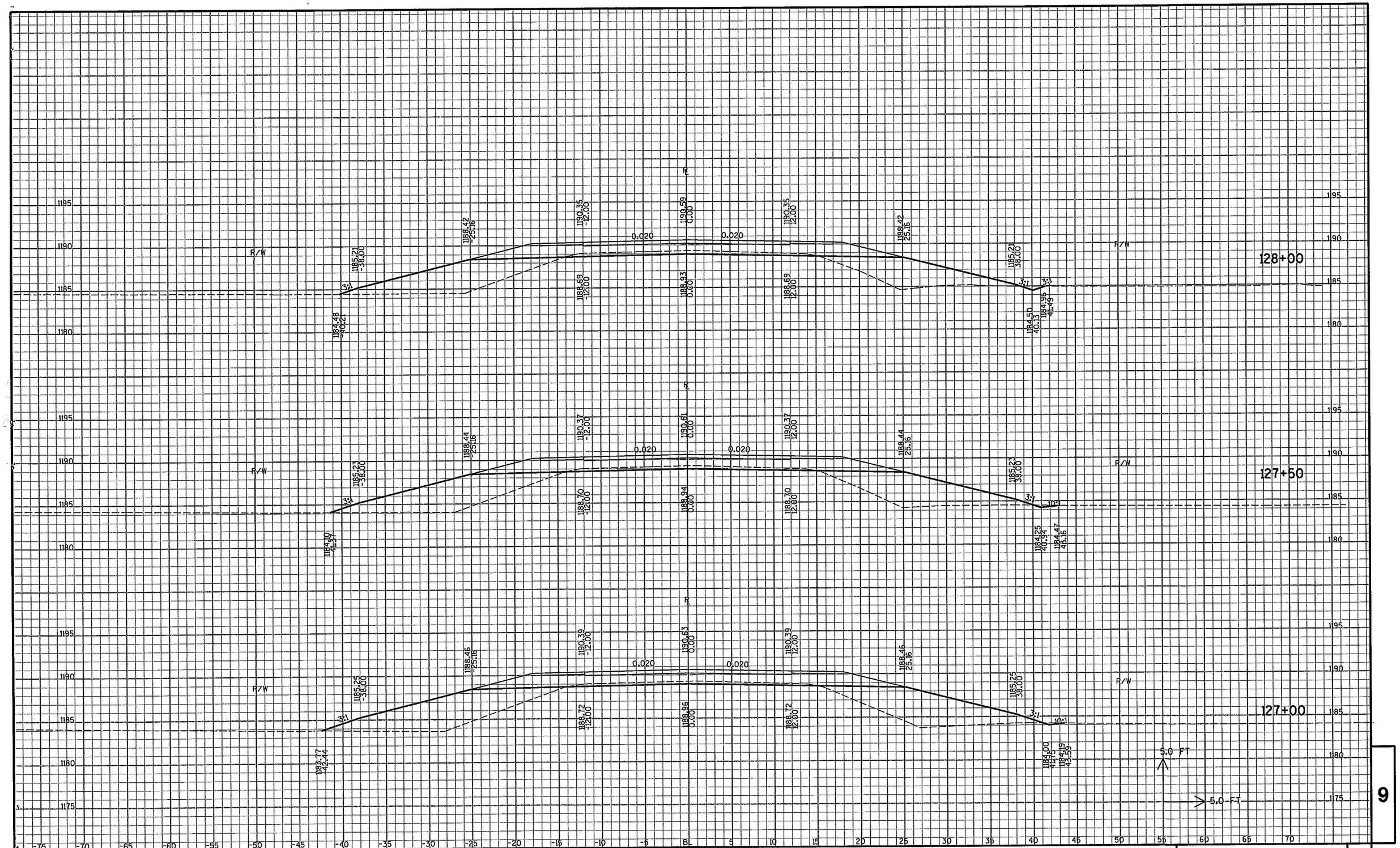

9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 28	E

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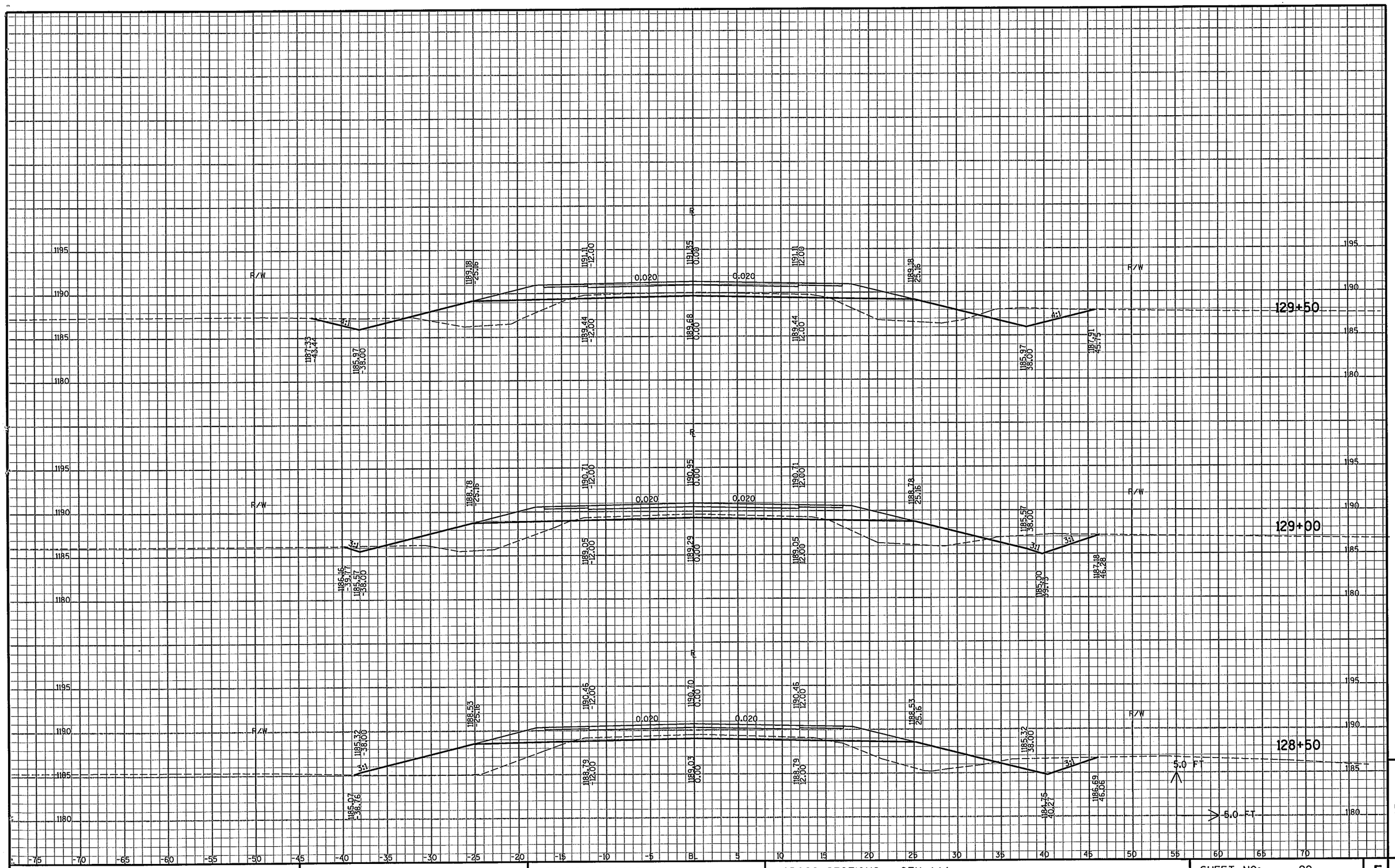

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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 29	E

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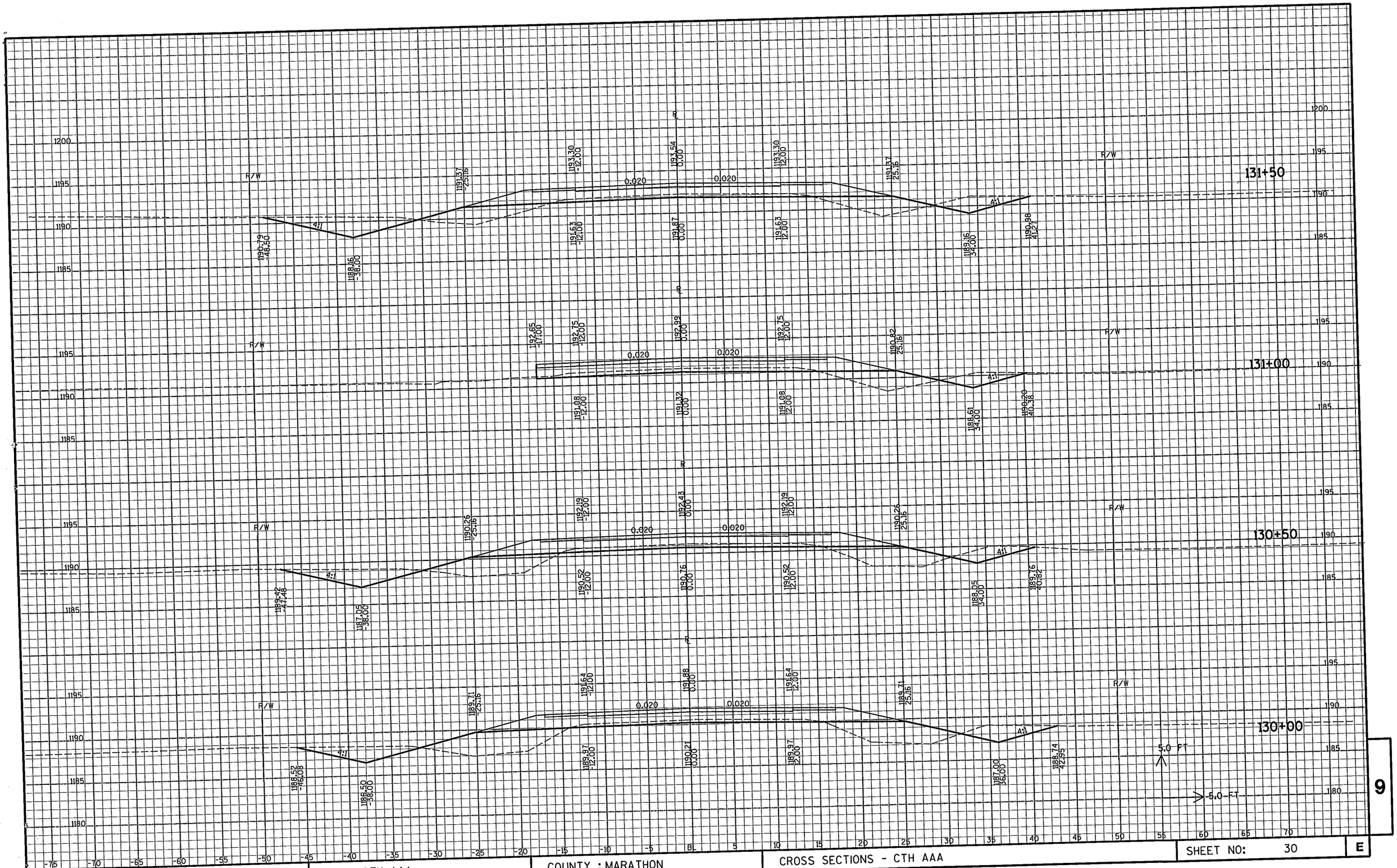
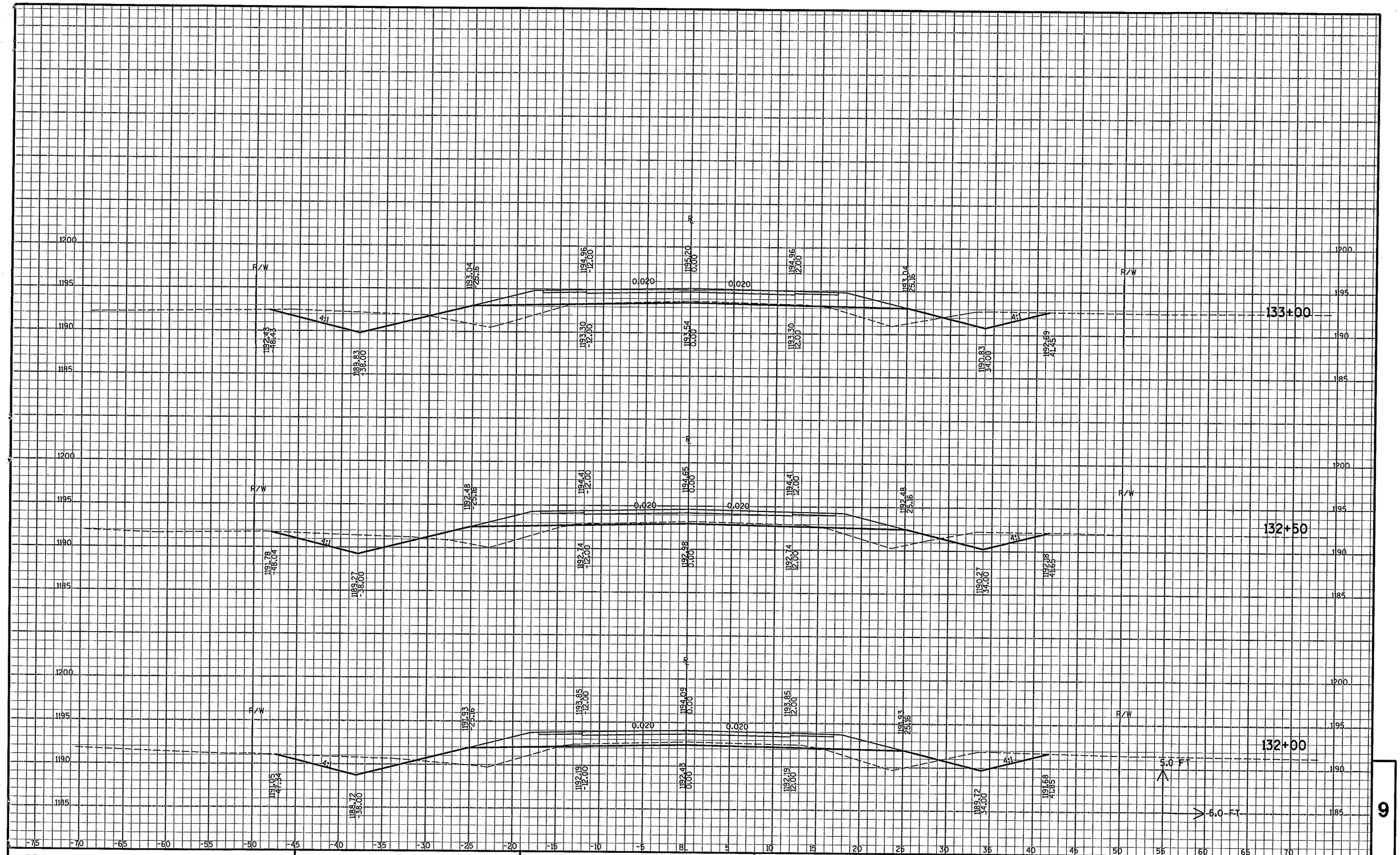


SHEET NO: 30

PROJECT NO : 284-56 | HWY : CTH AAA | COUNTY : MARATHON | CROSS SECTIONS - CTH AAA

FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn | PLOT DATE: 02/01/2006 | PLOT TIME: 09:15:27 AM | ORG DATE : | PLOT NAME : | Originator : Dist | PLOT SCALE : N/A



PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 31	E

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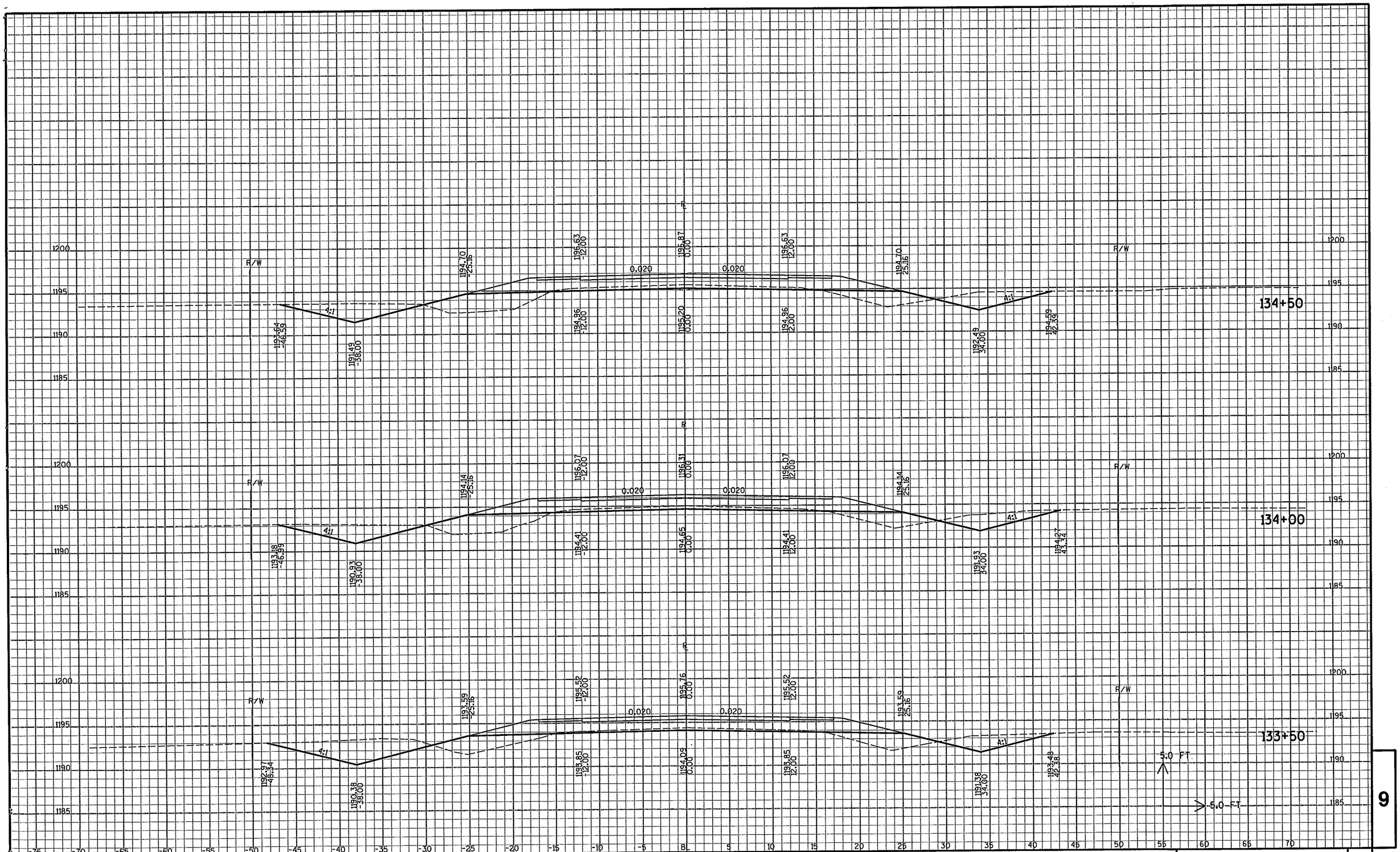

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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 32	E

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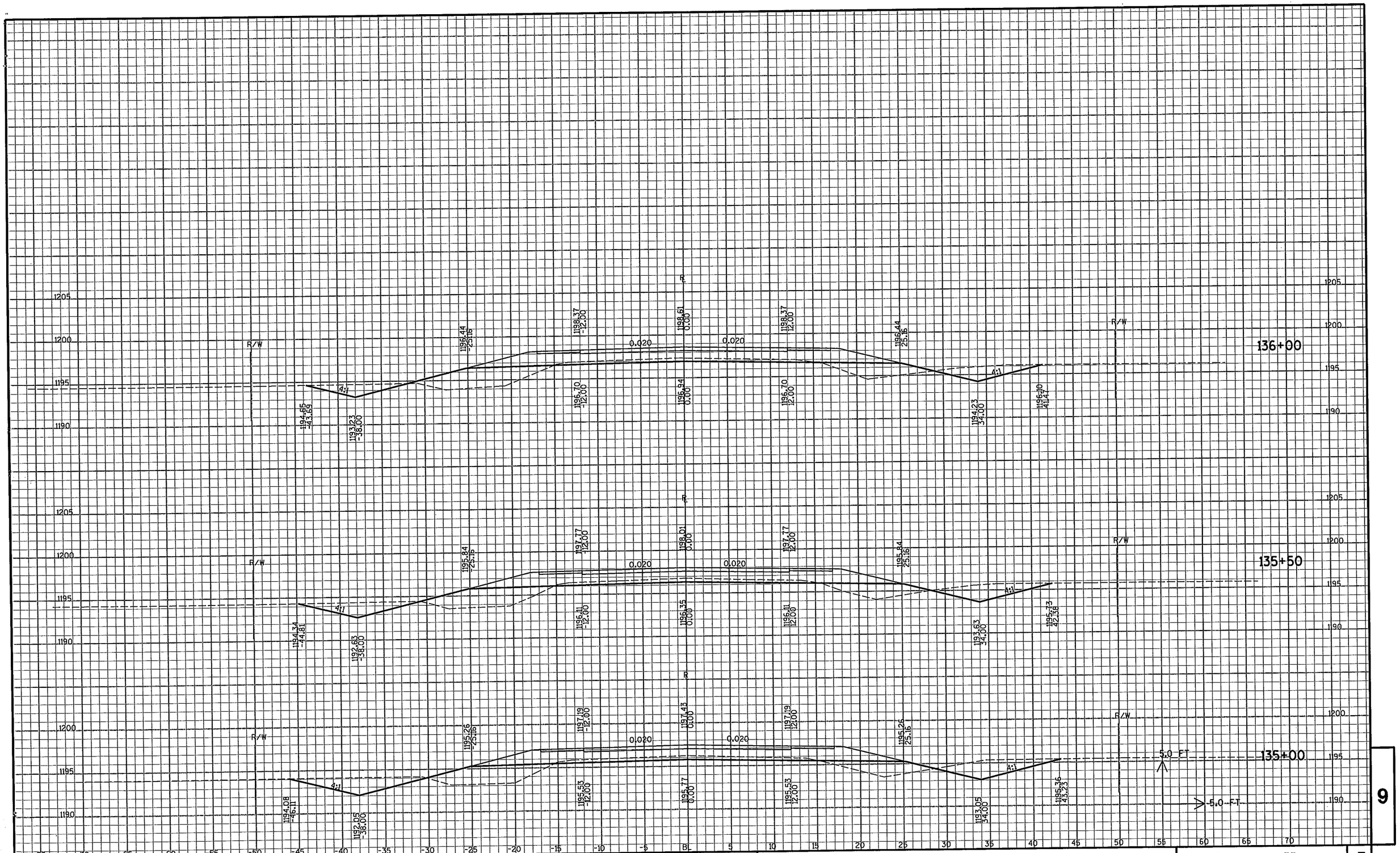

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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 33	E

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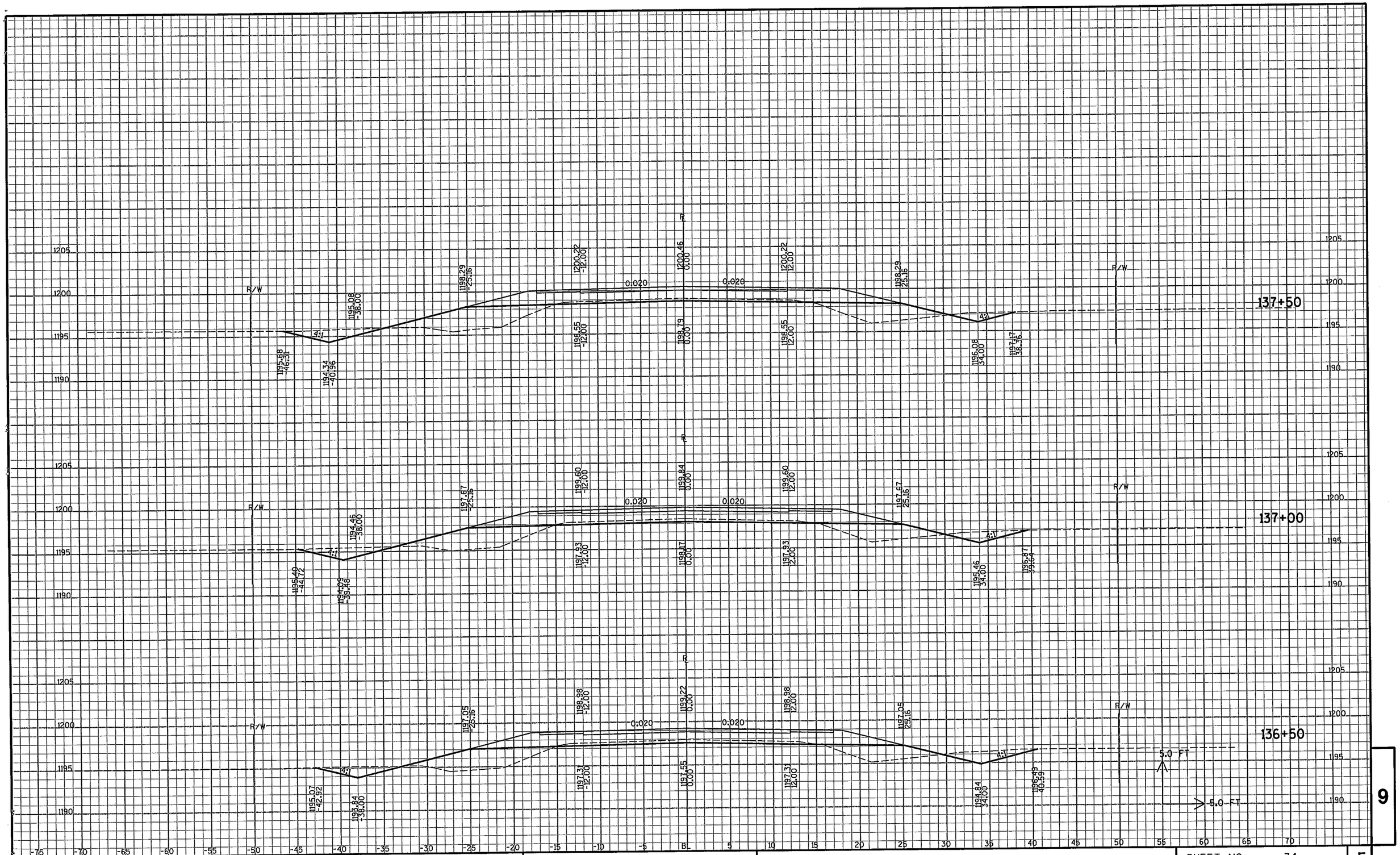

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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 34	E

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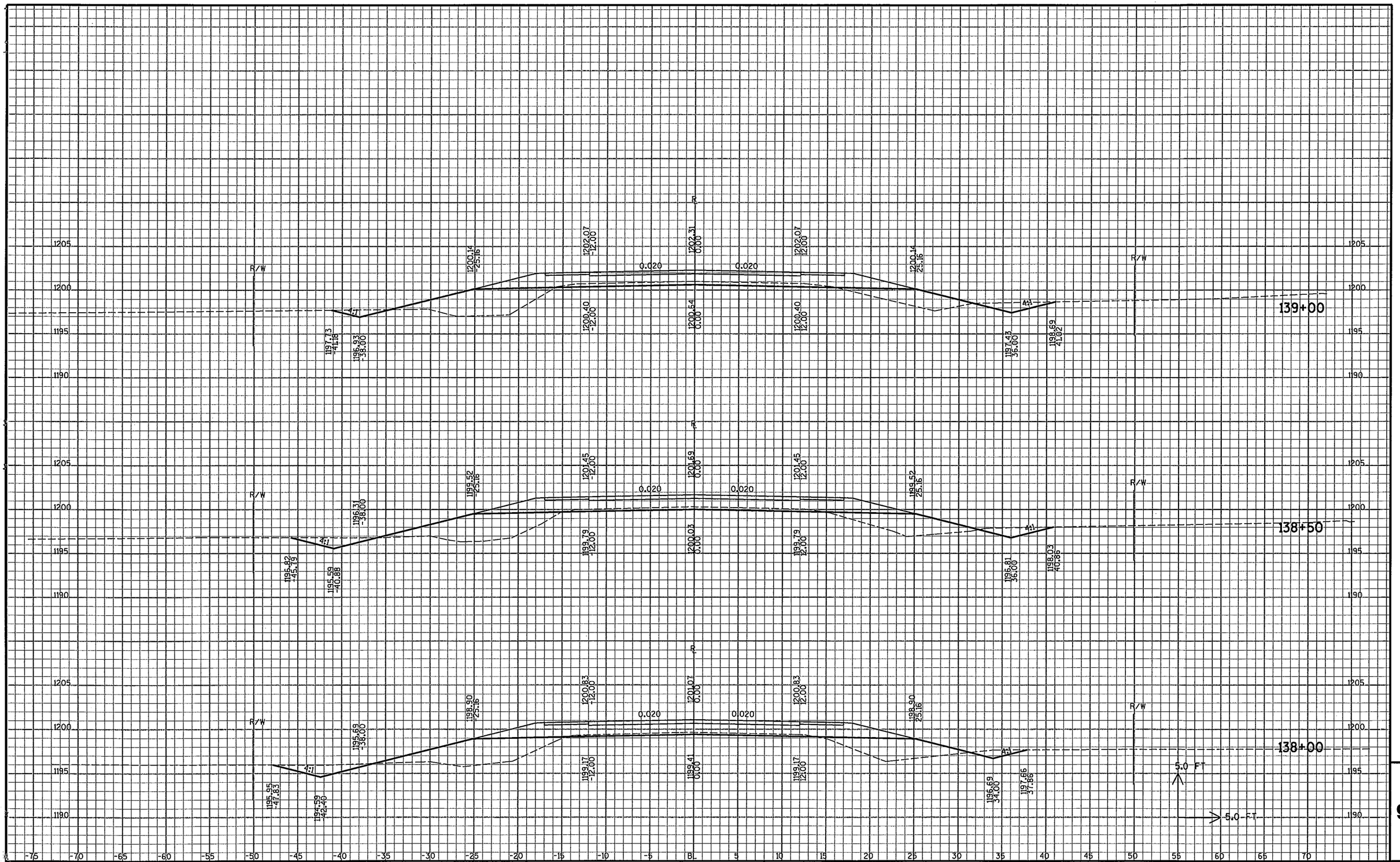
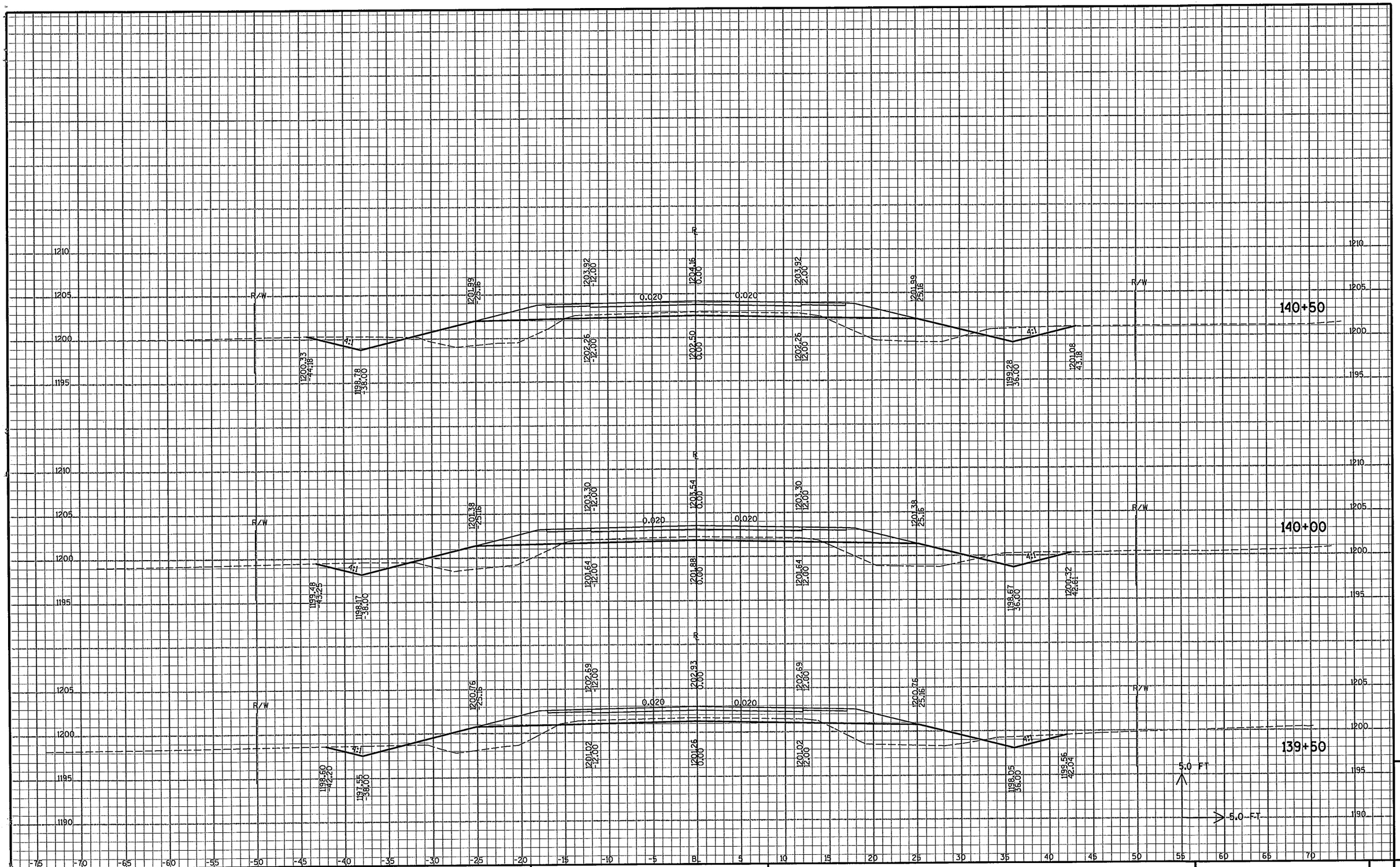


PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 35	E

9

FILE NAME : e:\uz\w\woodc\030100\cod\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:27 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



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PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 36	E

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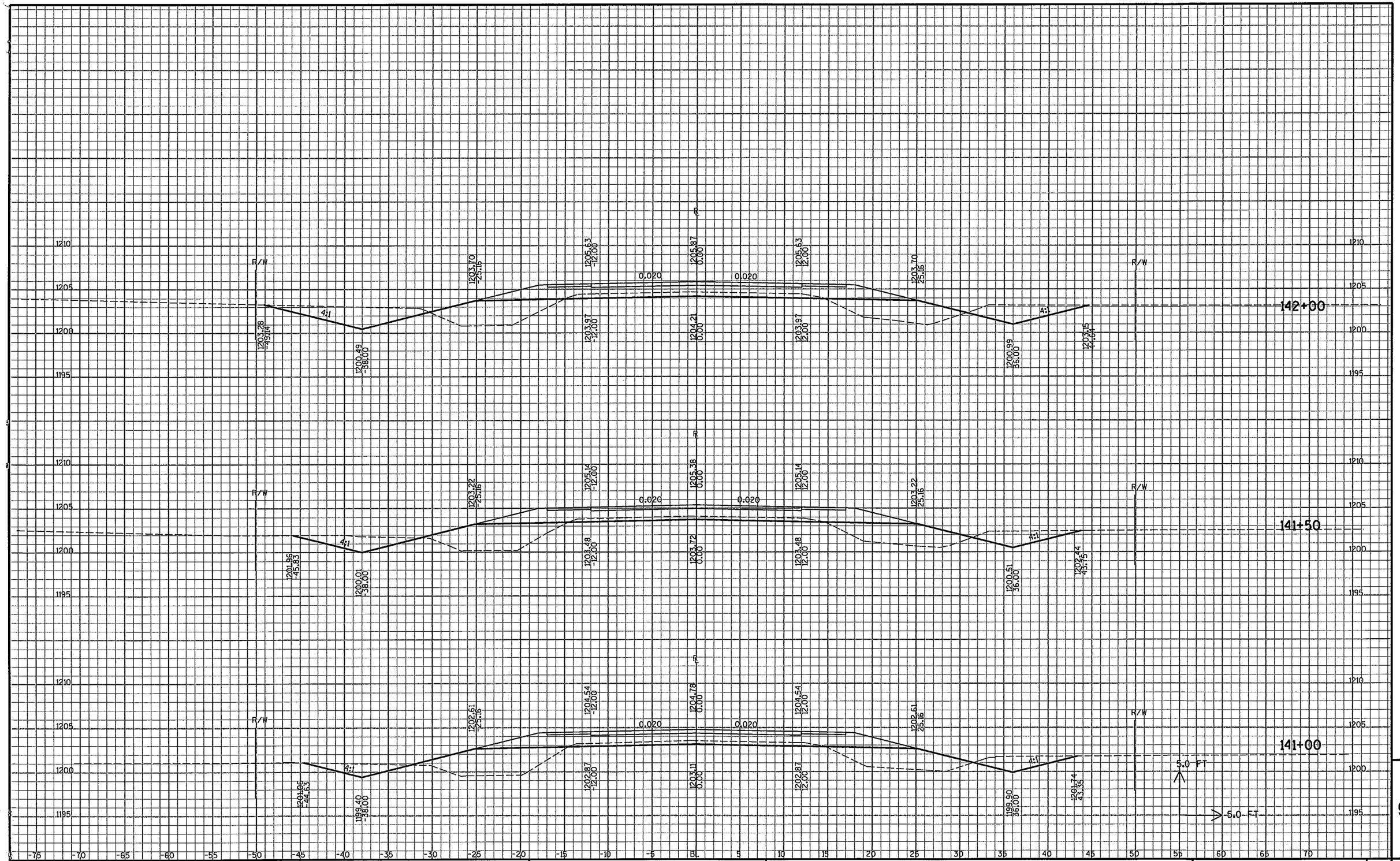
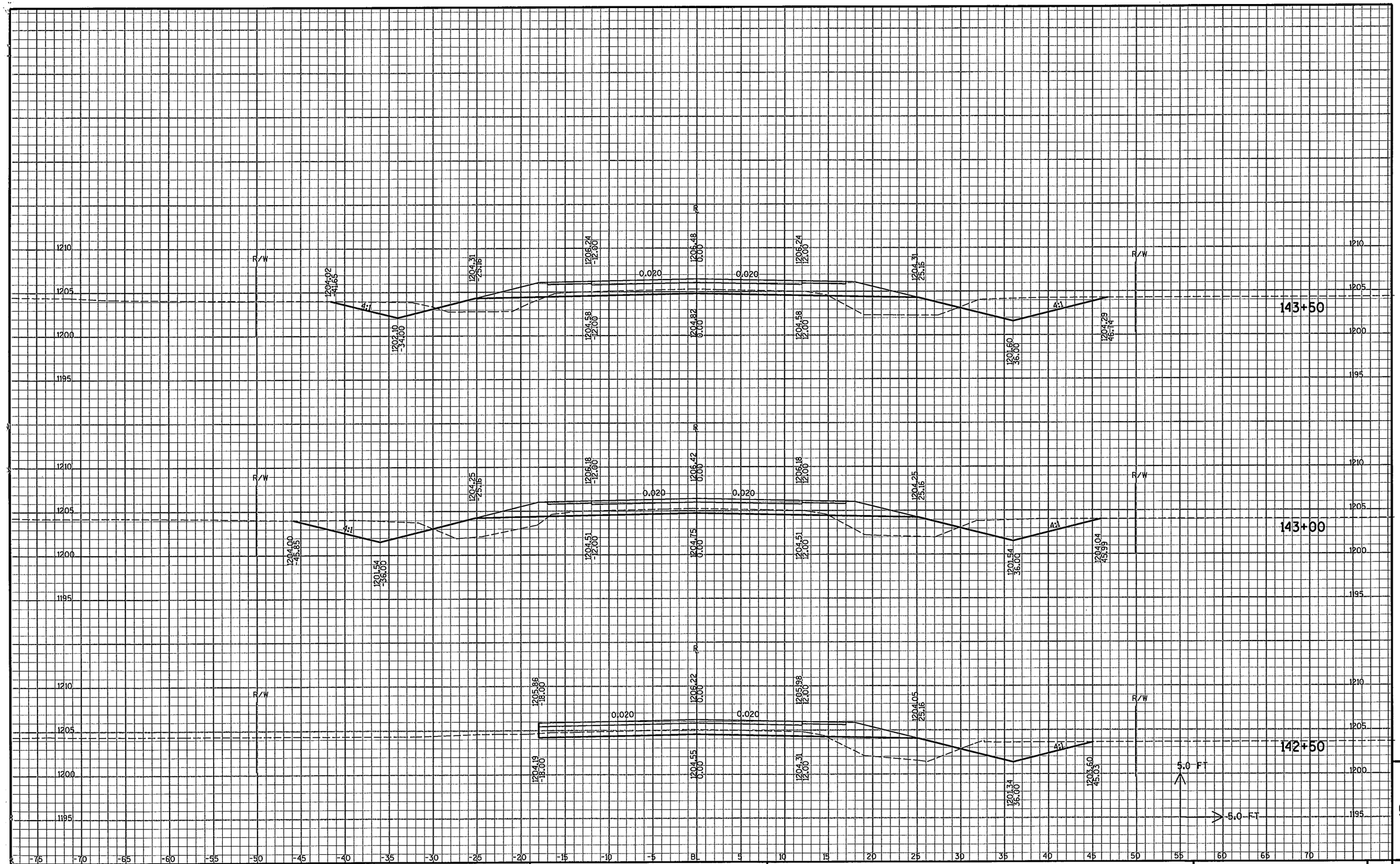


9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 37	E

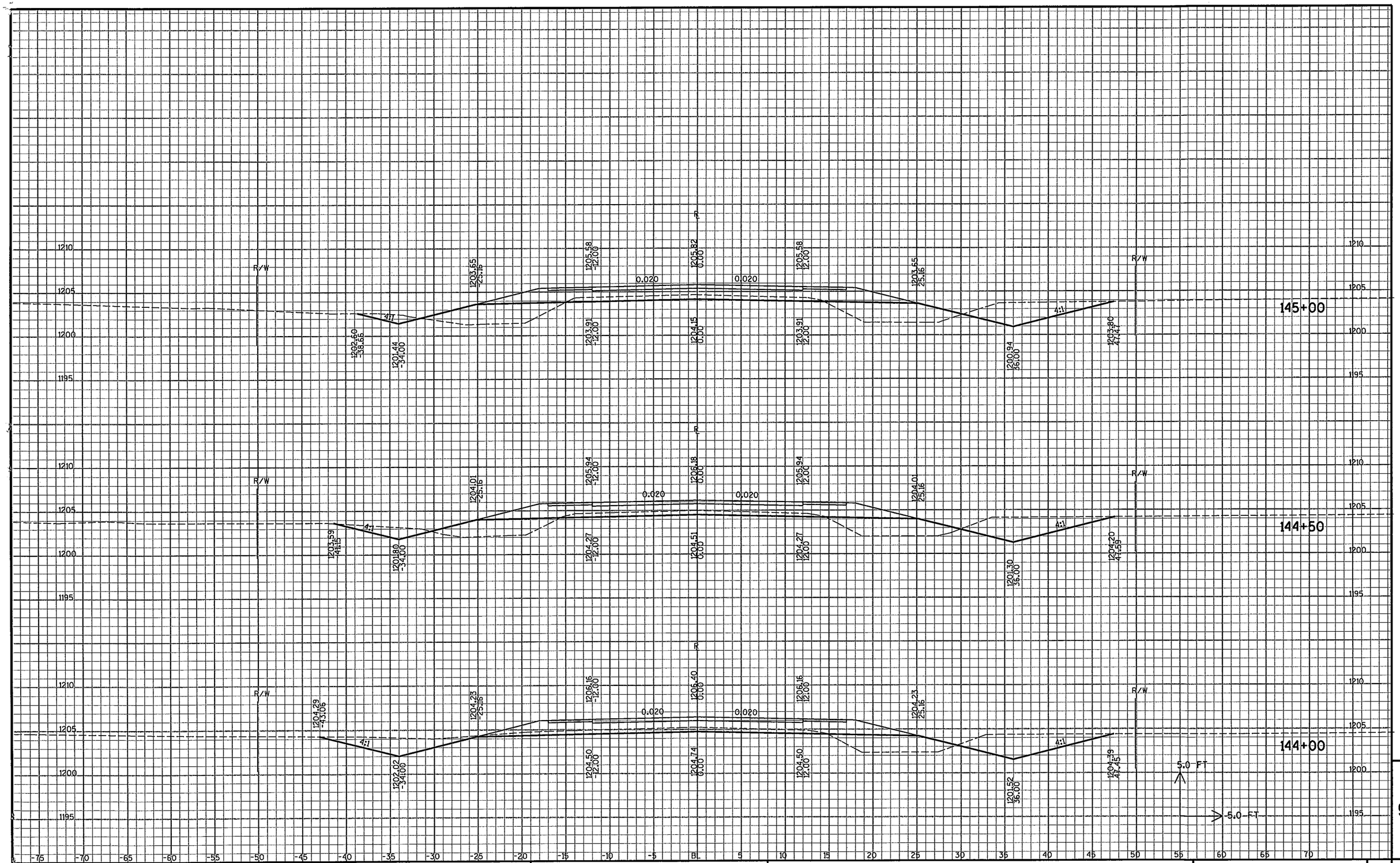
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 38	E

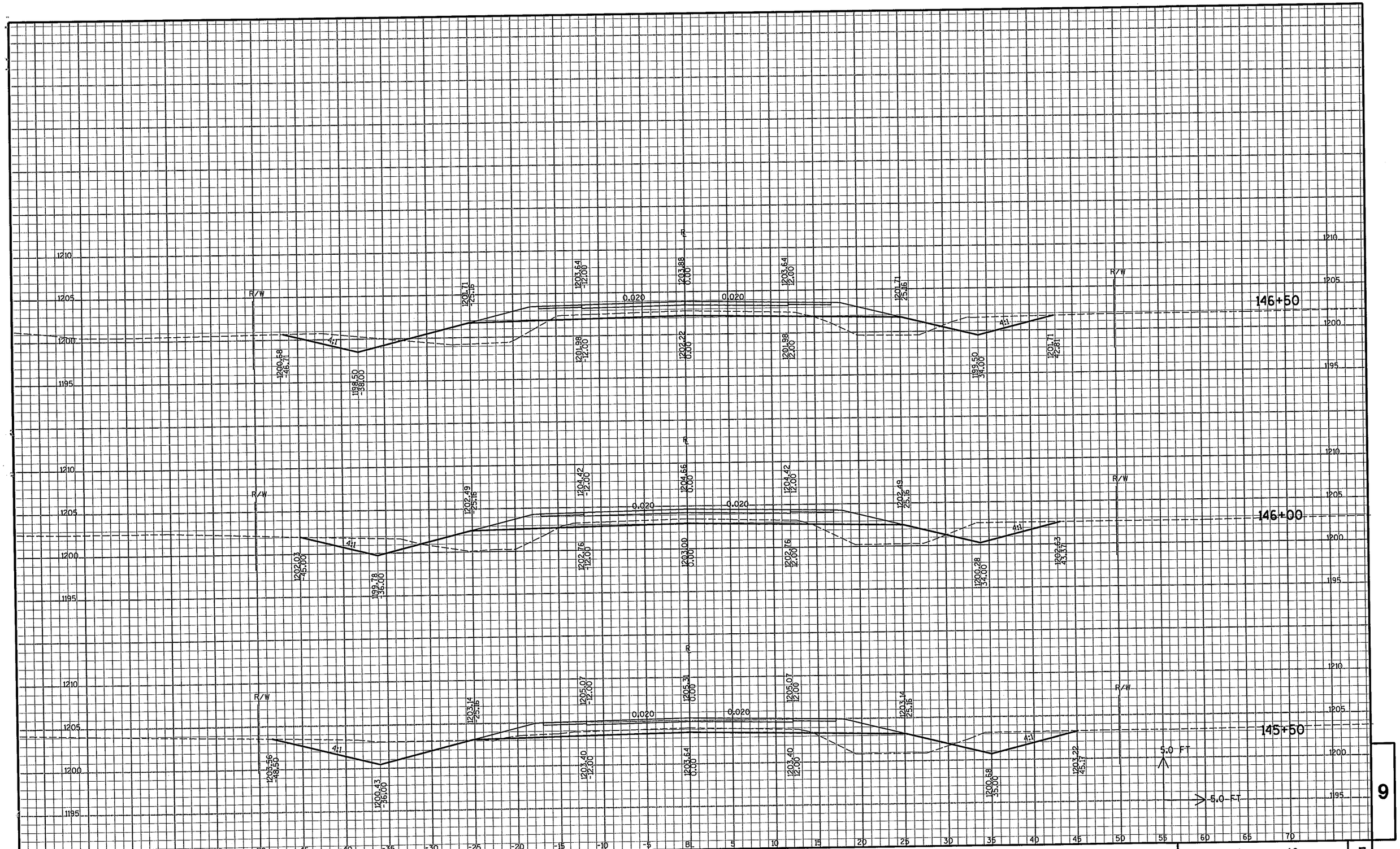
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 39	E

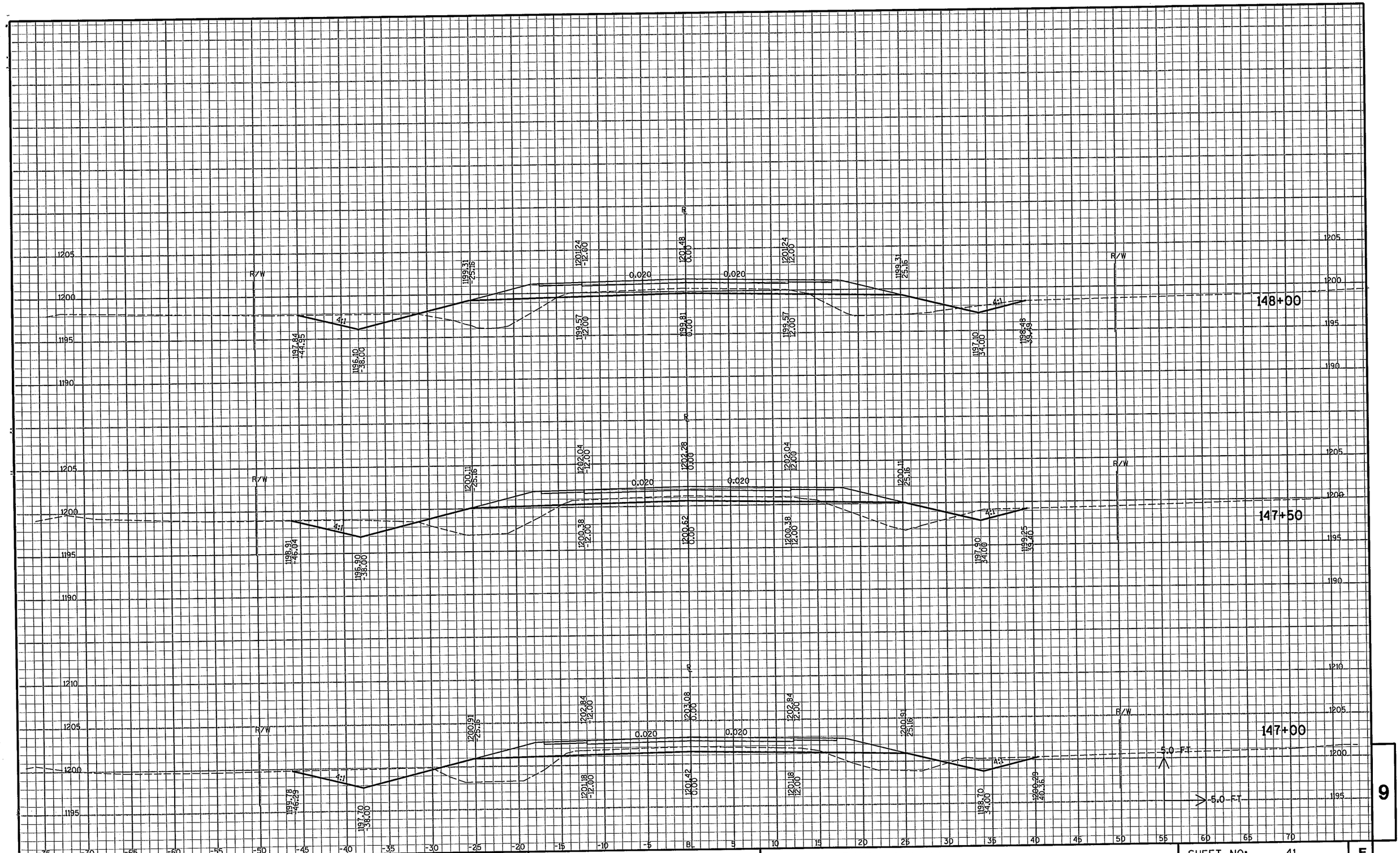
FILE NAME : e:\uz\w\waadc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 40	E

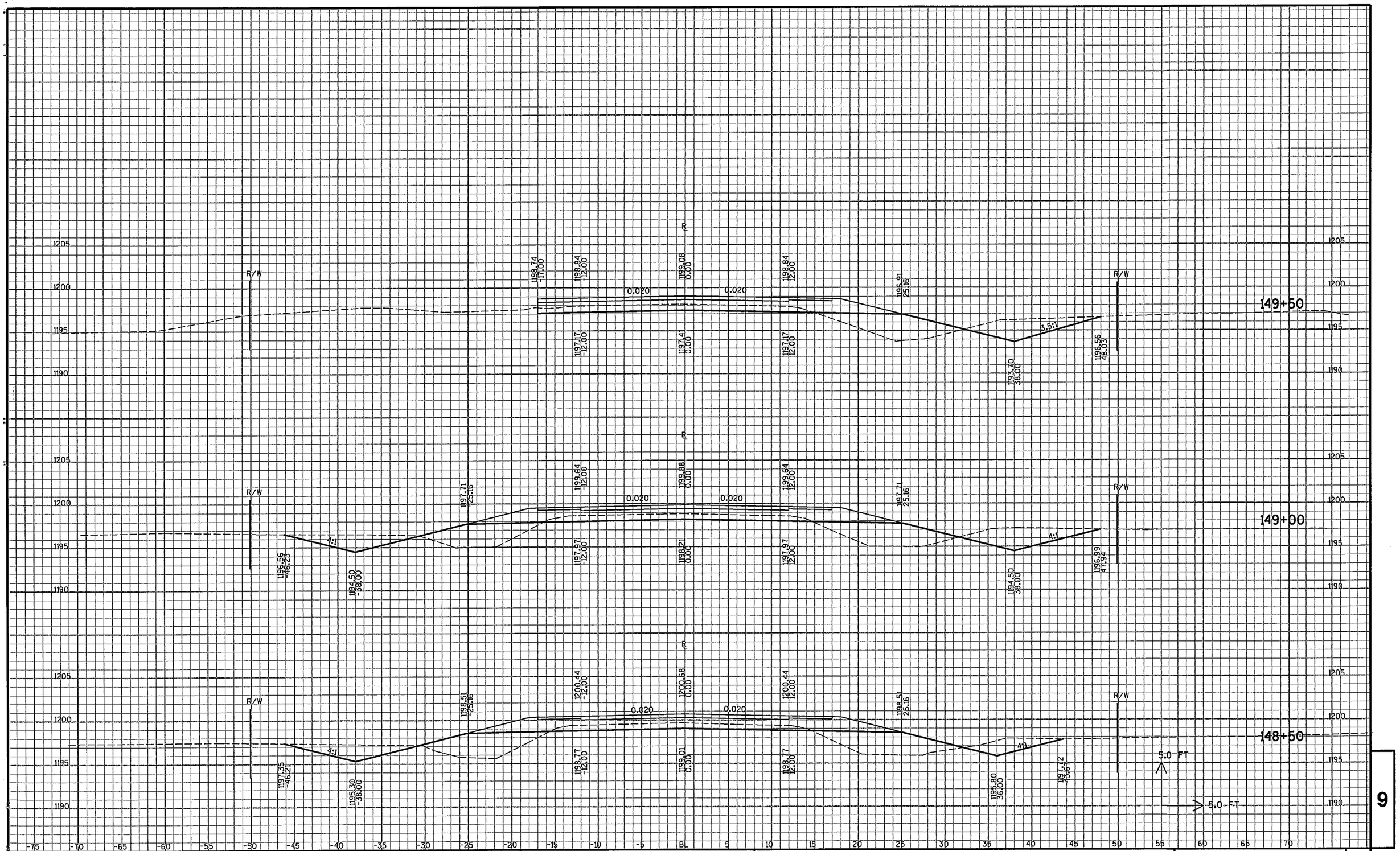
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 41	E

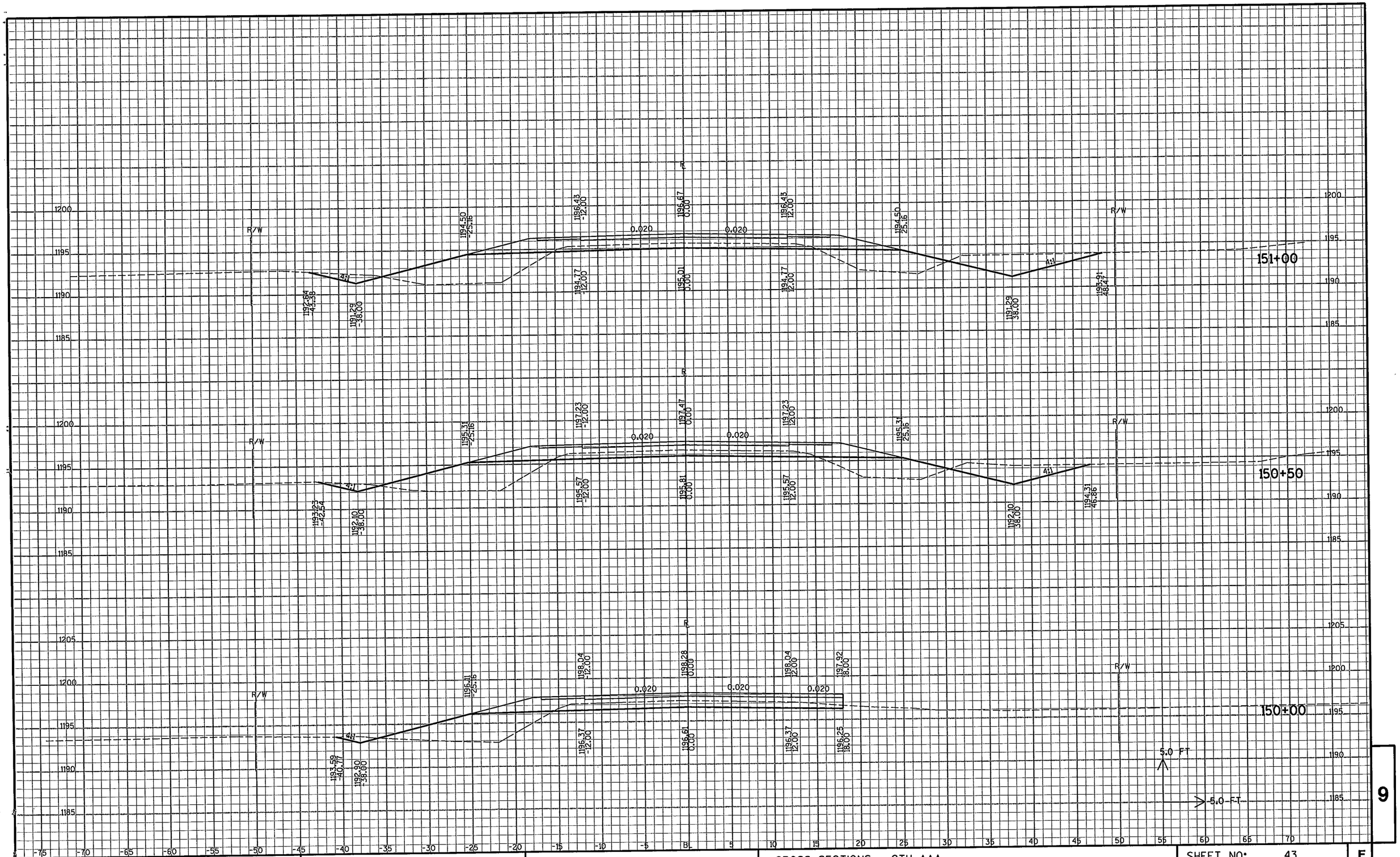
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 42	E

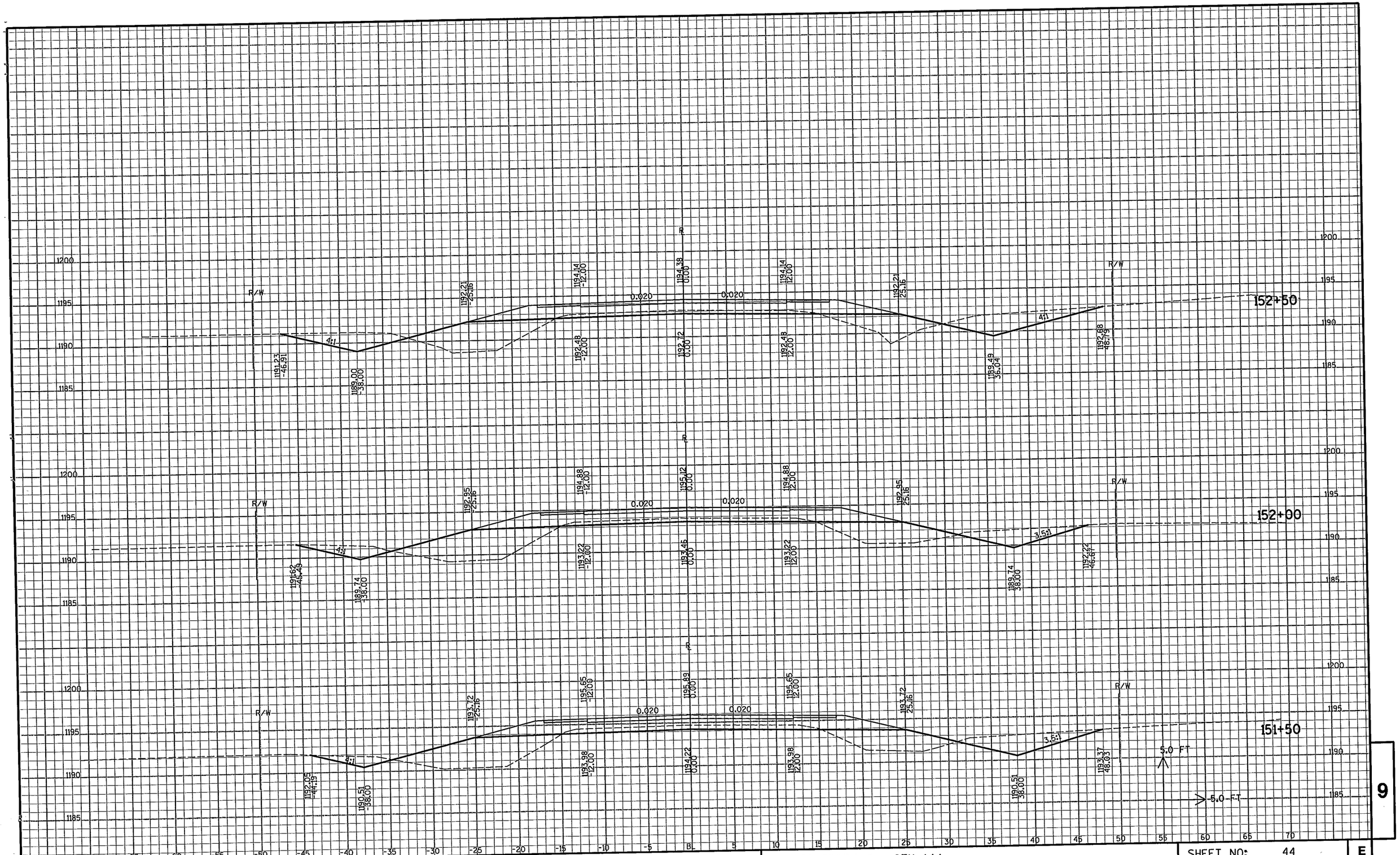
FILE NAME : e:\uz\w\woodc\D30100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 43	E

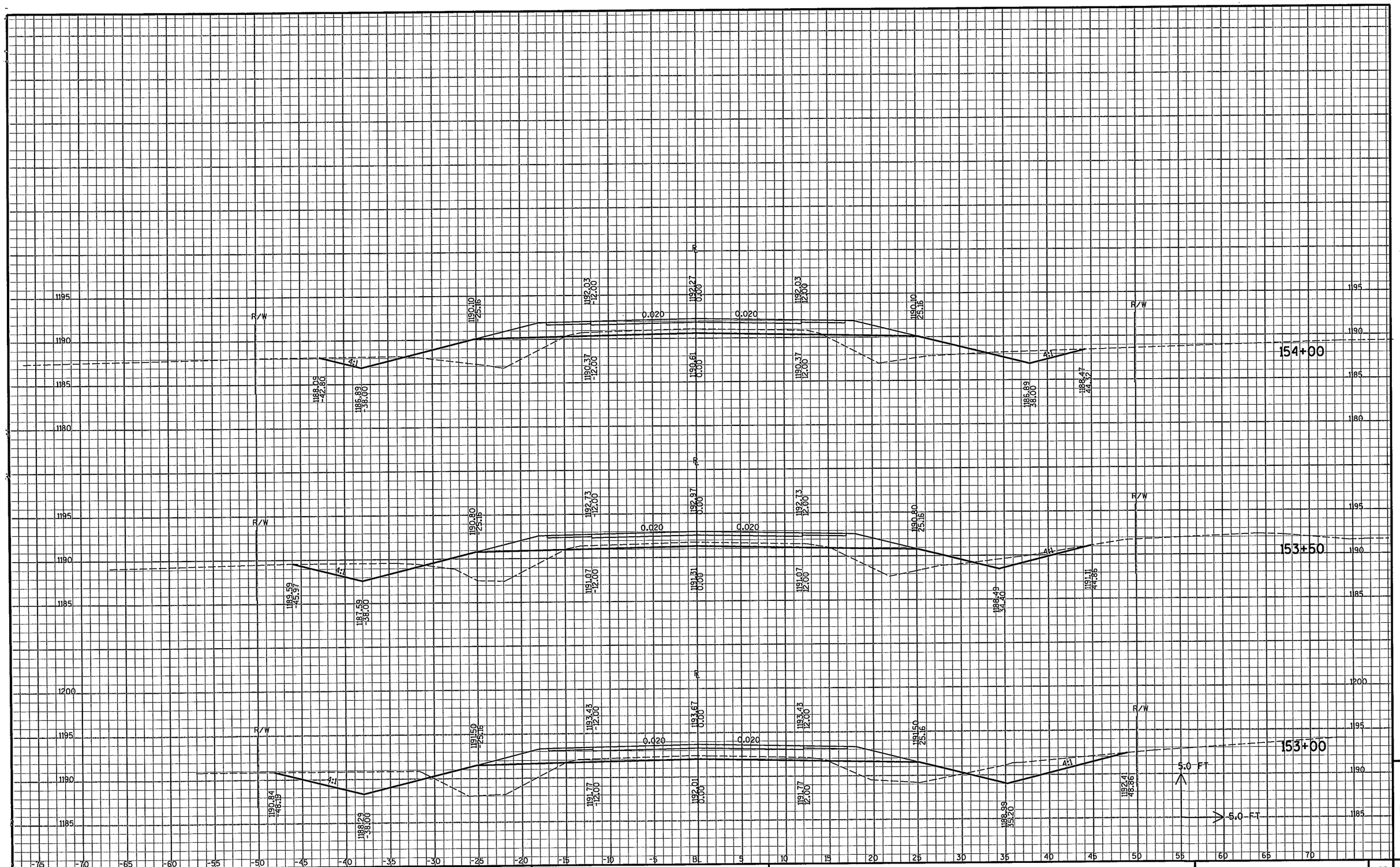
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 44	E

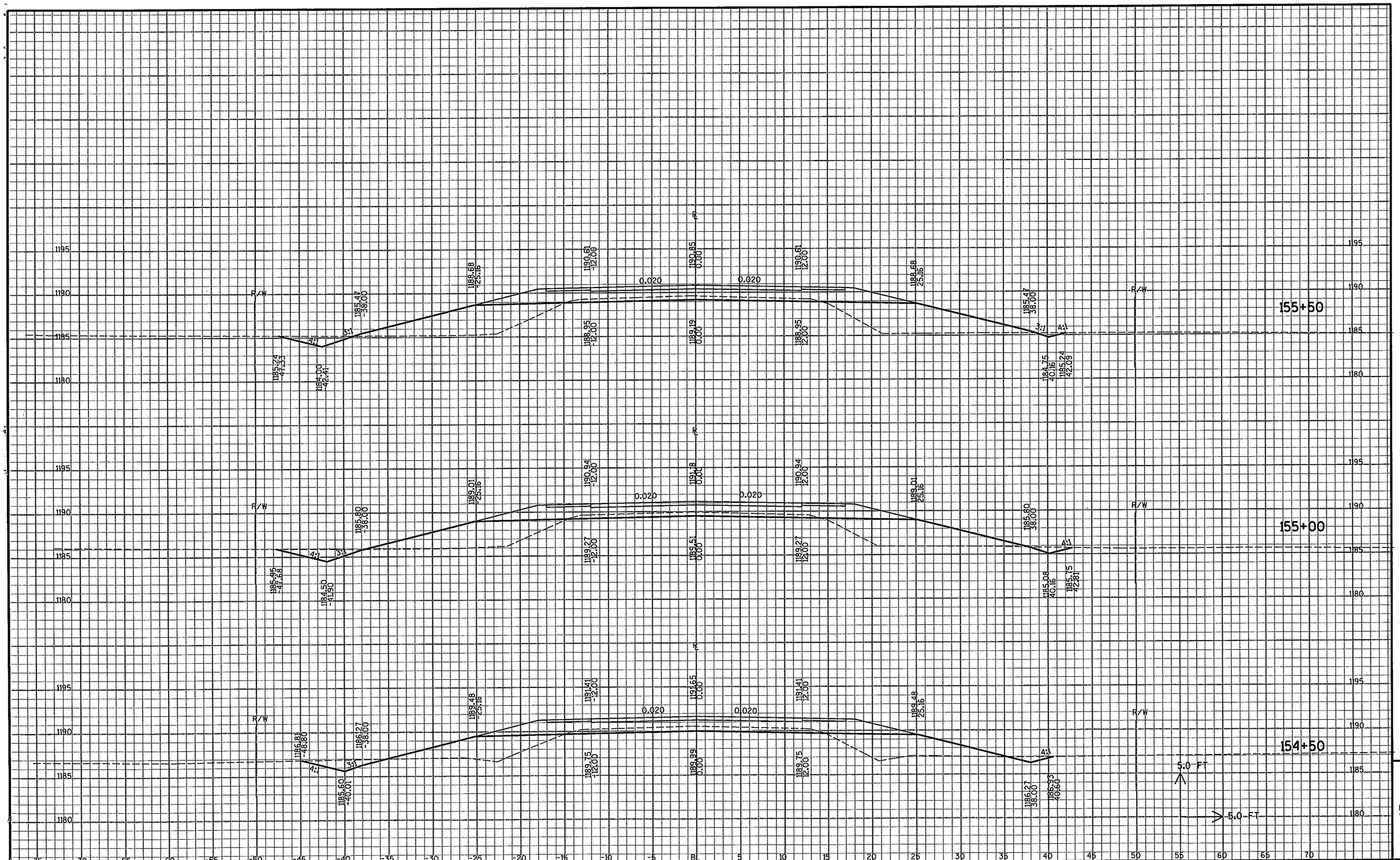
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 45	E

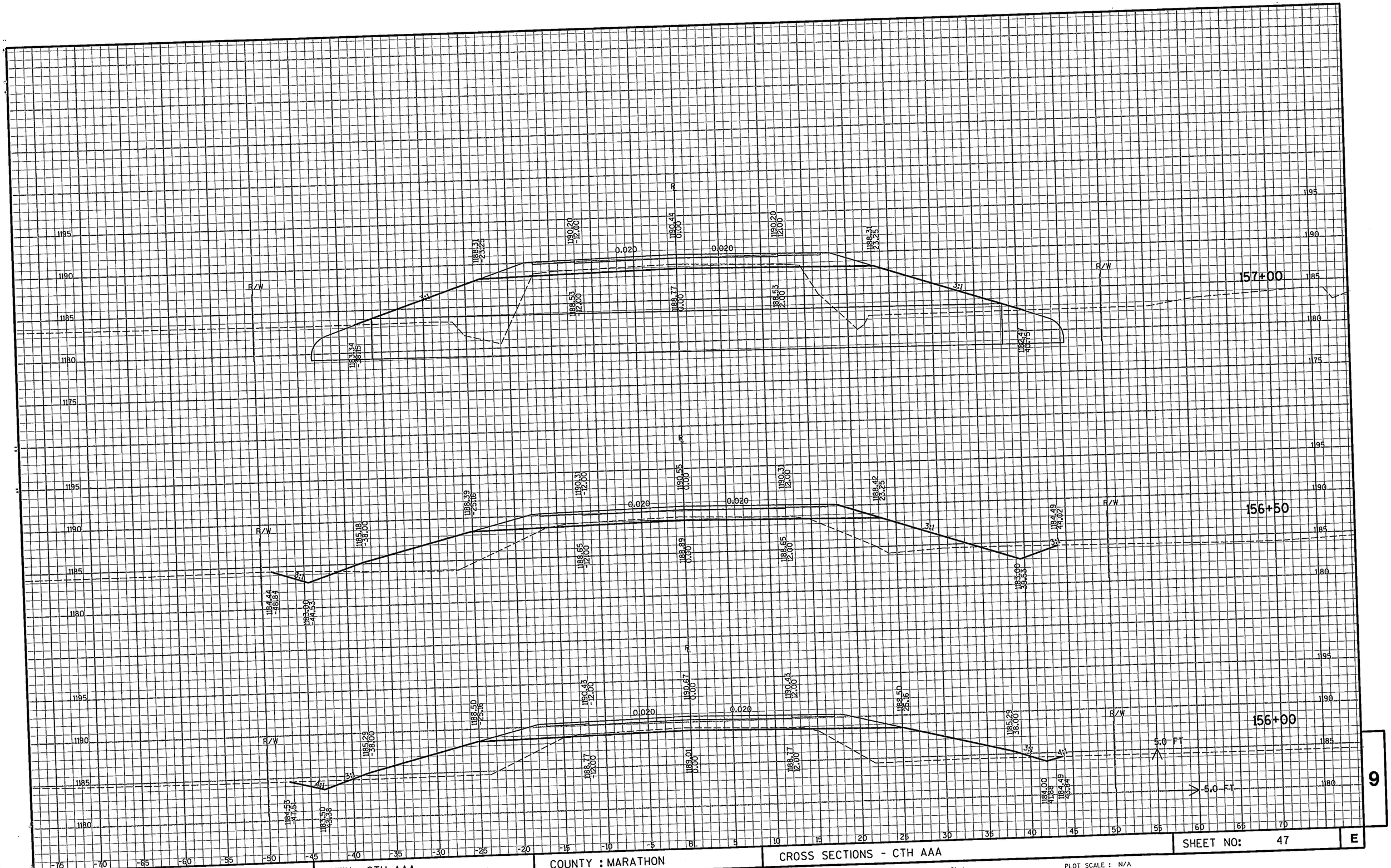
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 46	E

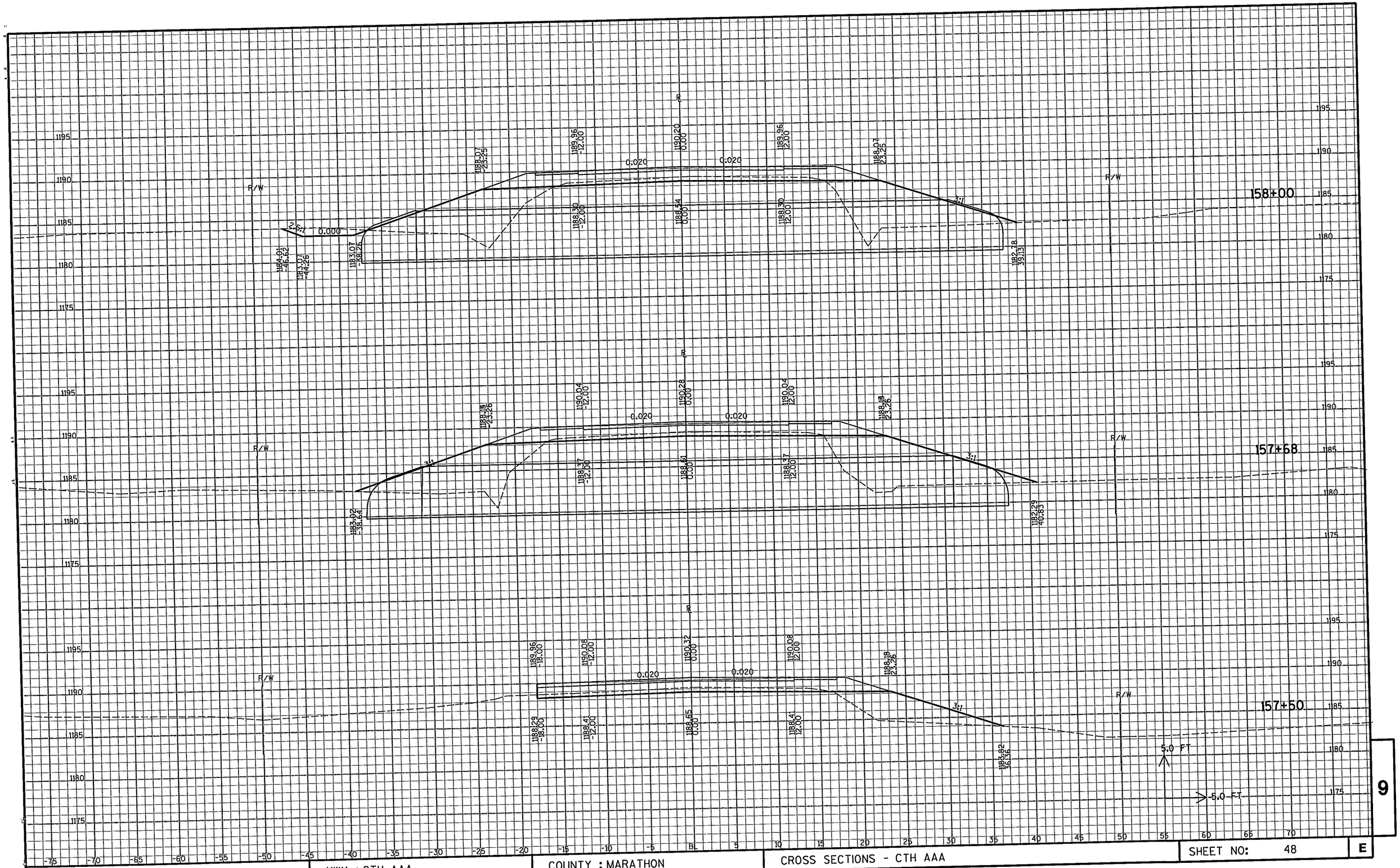
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa mi.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 47	E

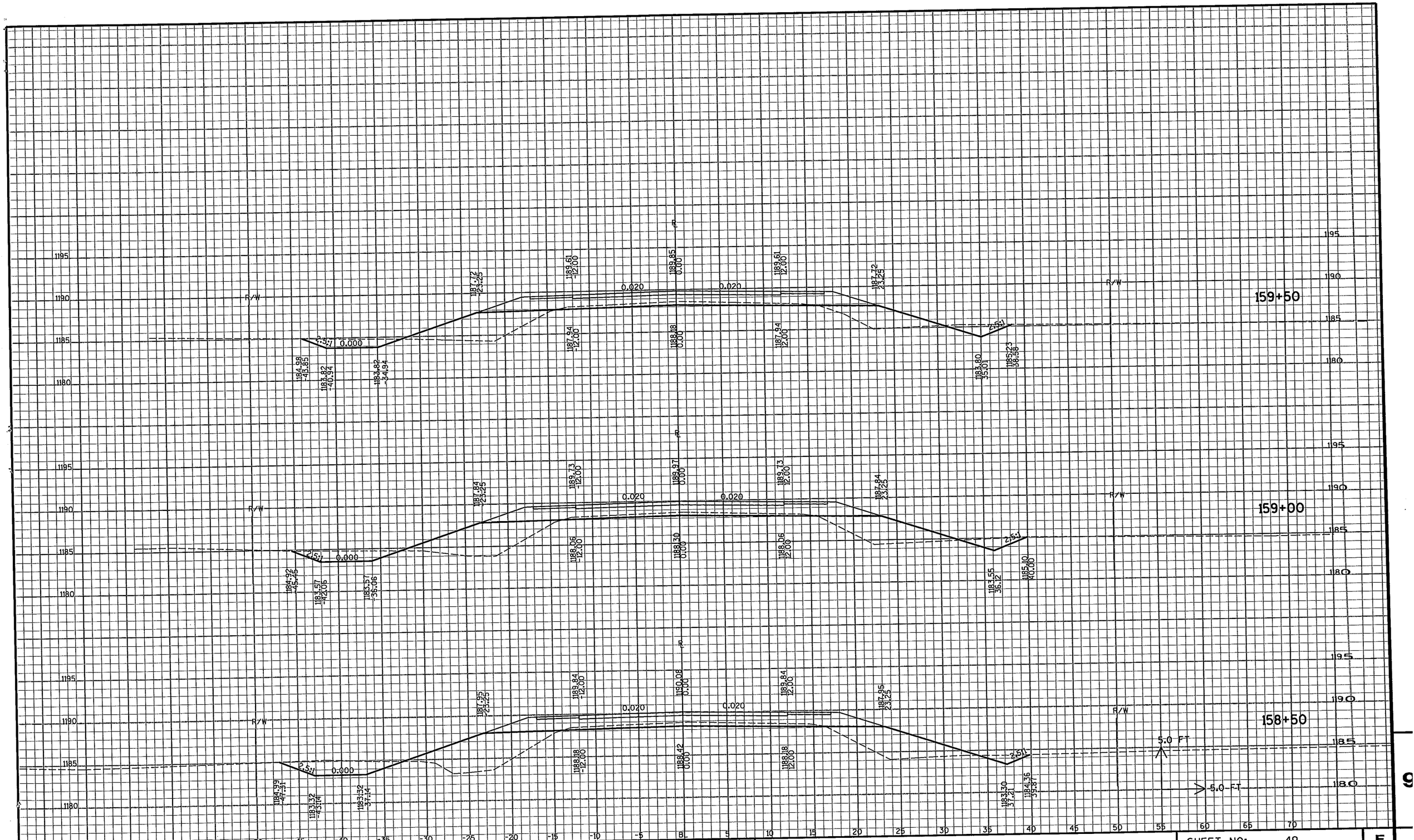
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn
PLOT DATE: 02/01/2006 PLOT TIME: 09:15:28 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

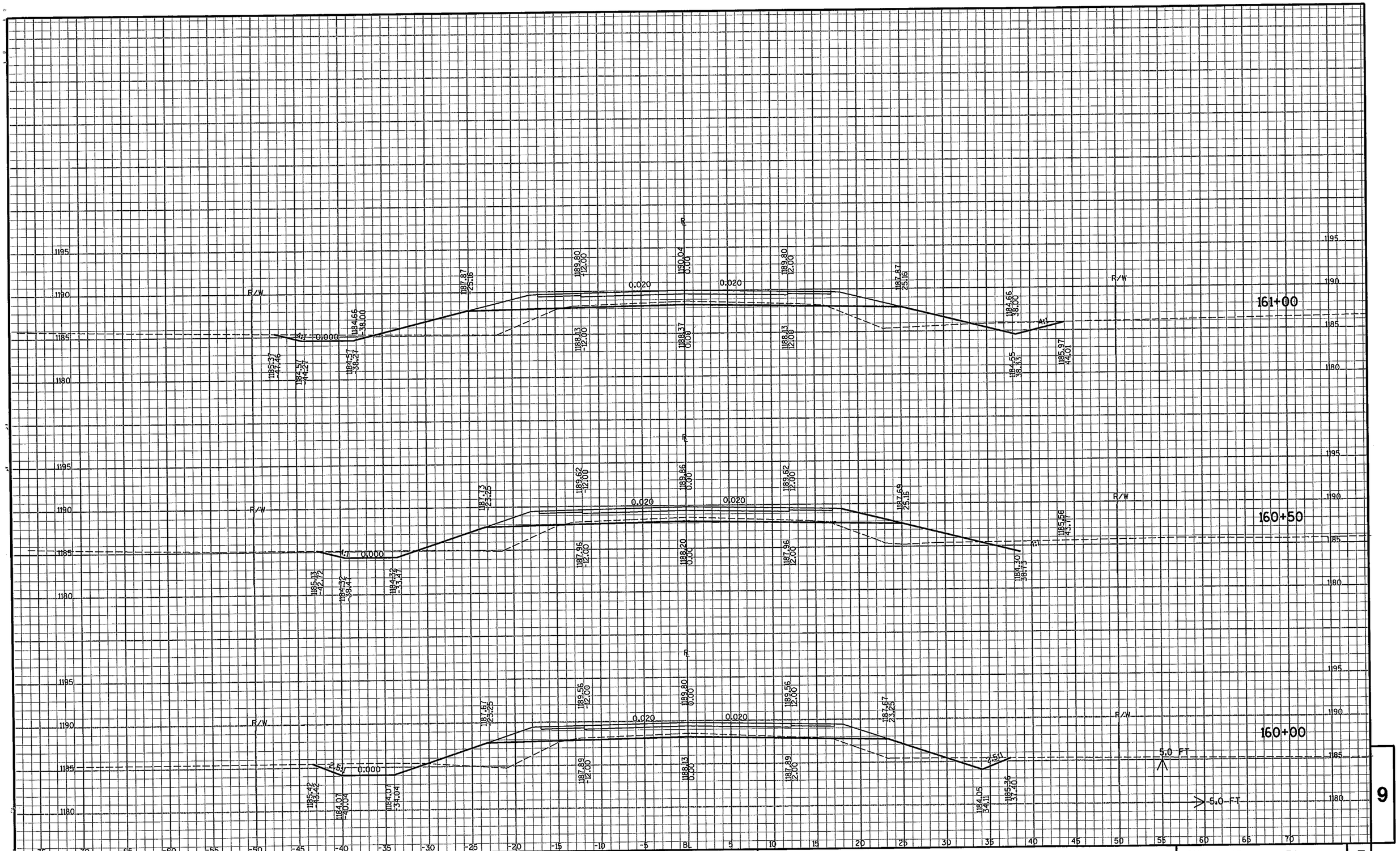
PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 48	E

FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 49 E

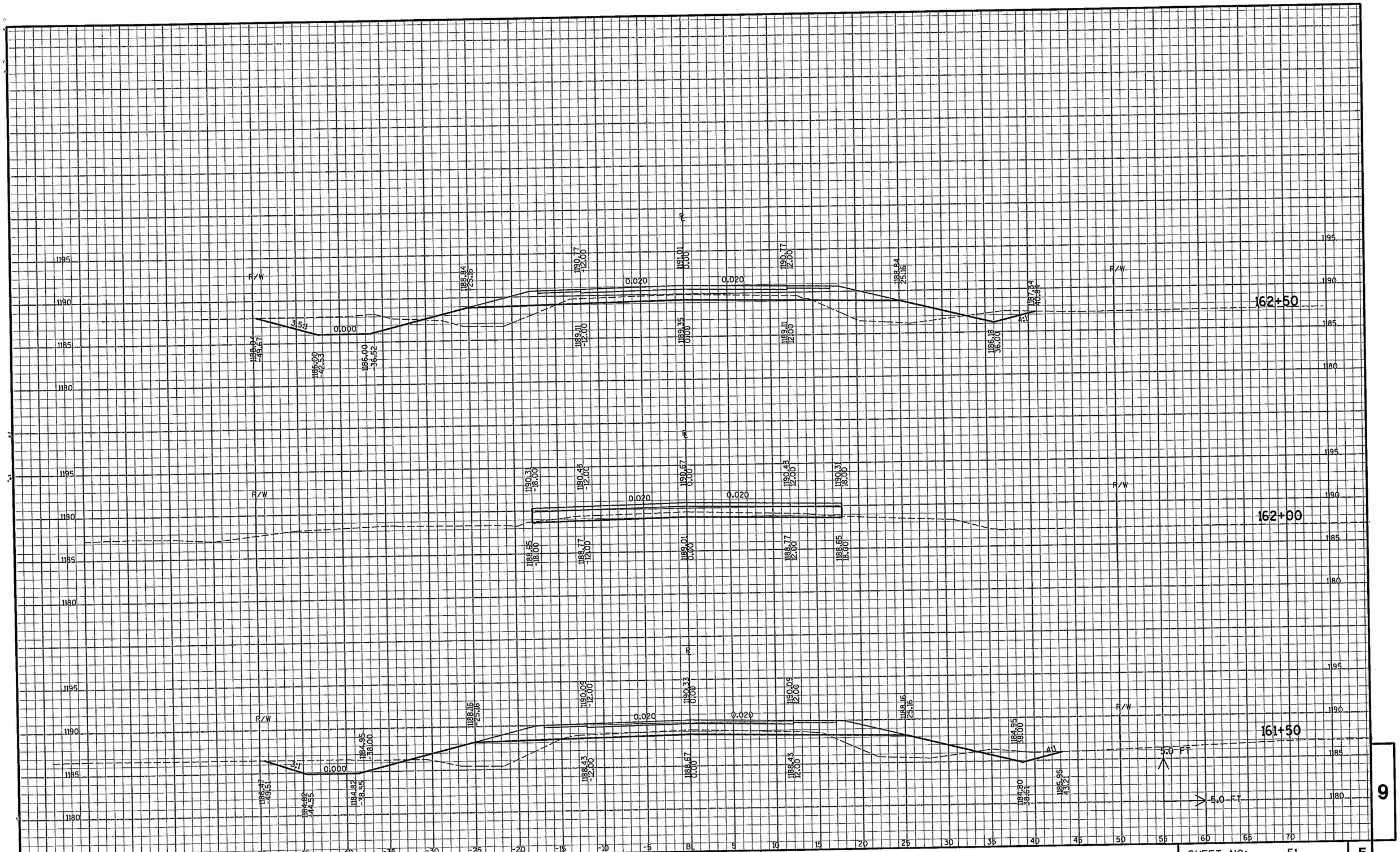
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 50	E

9

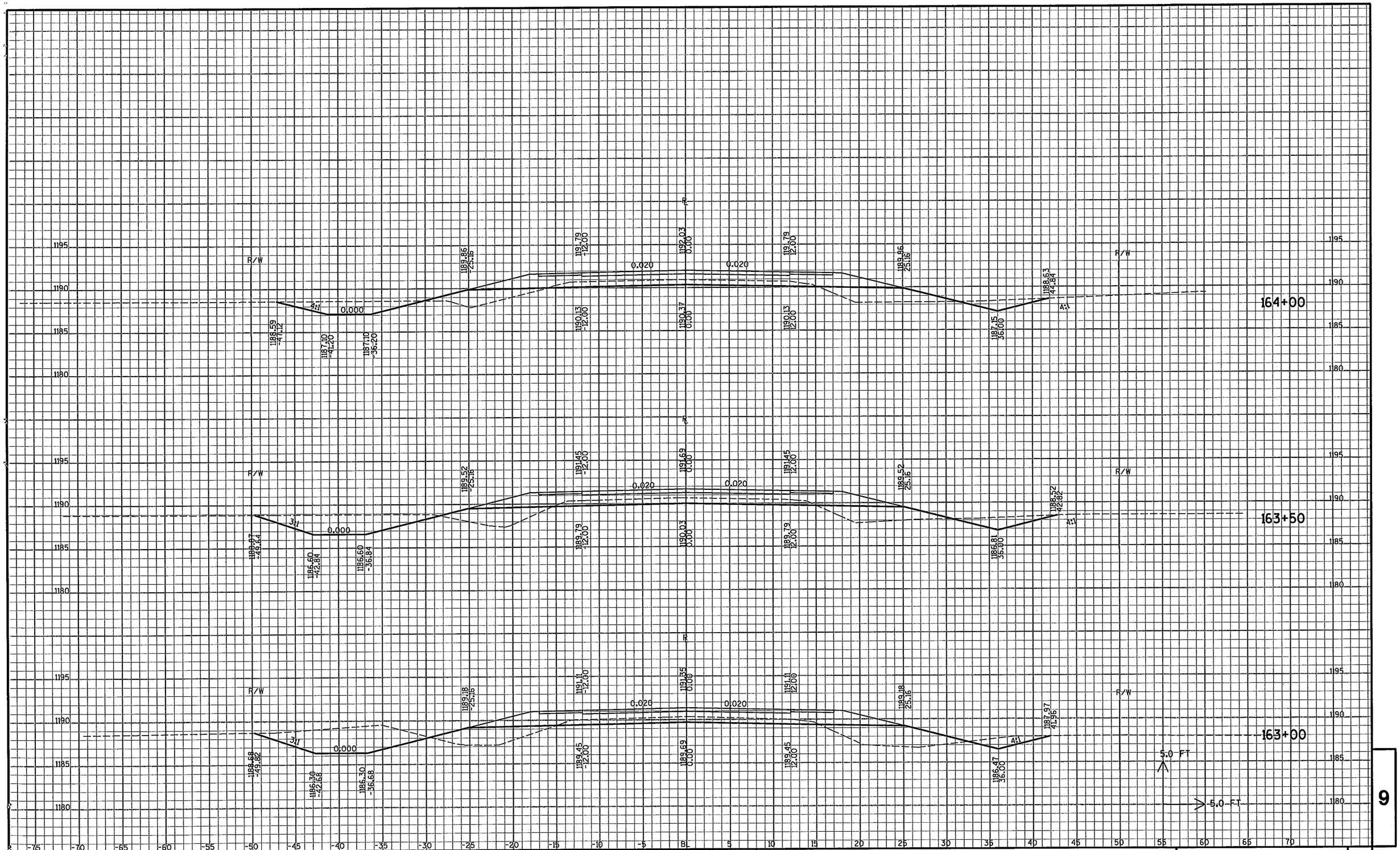
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 51	E

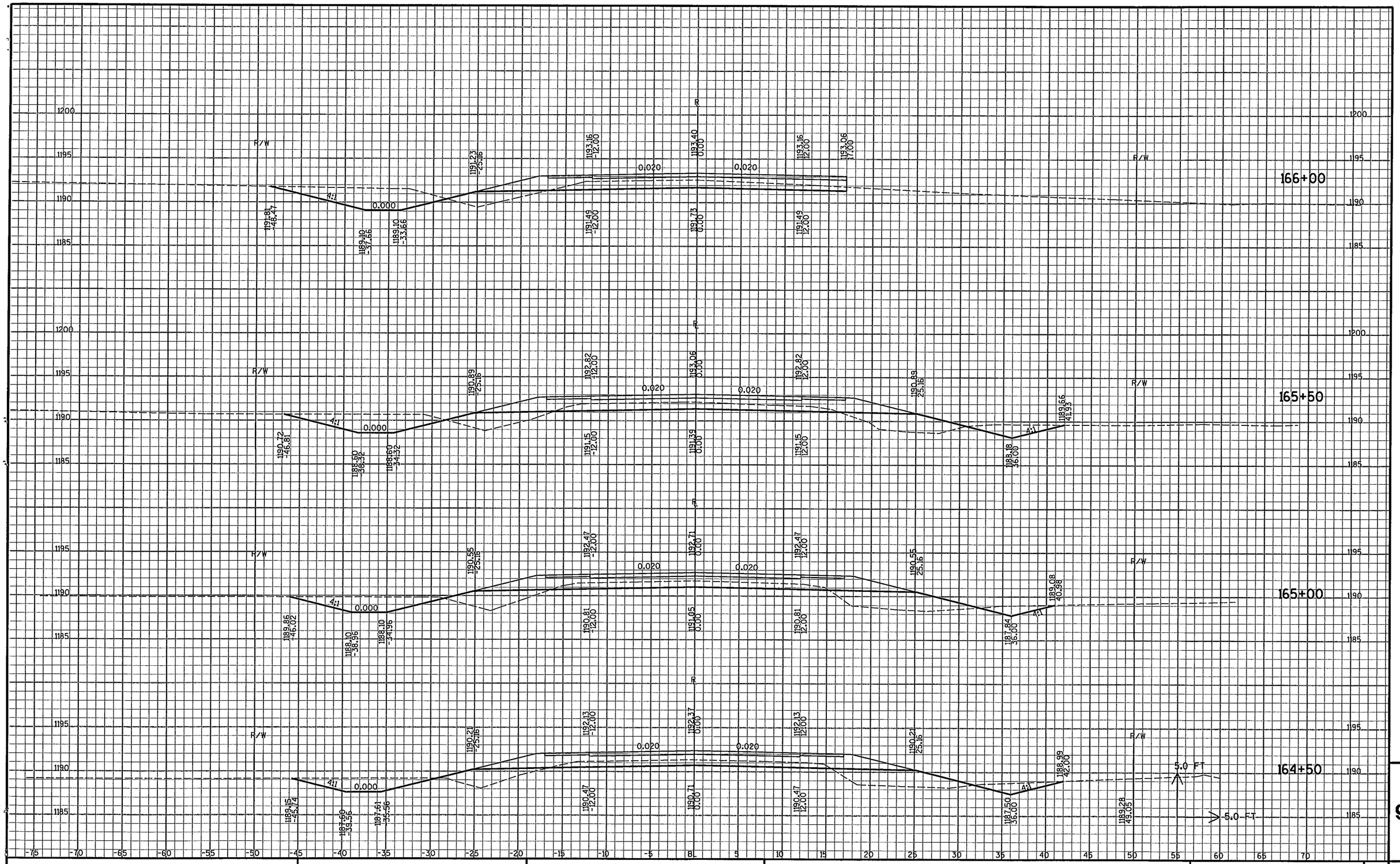
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 52	E

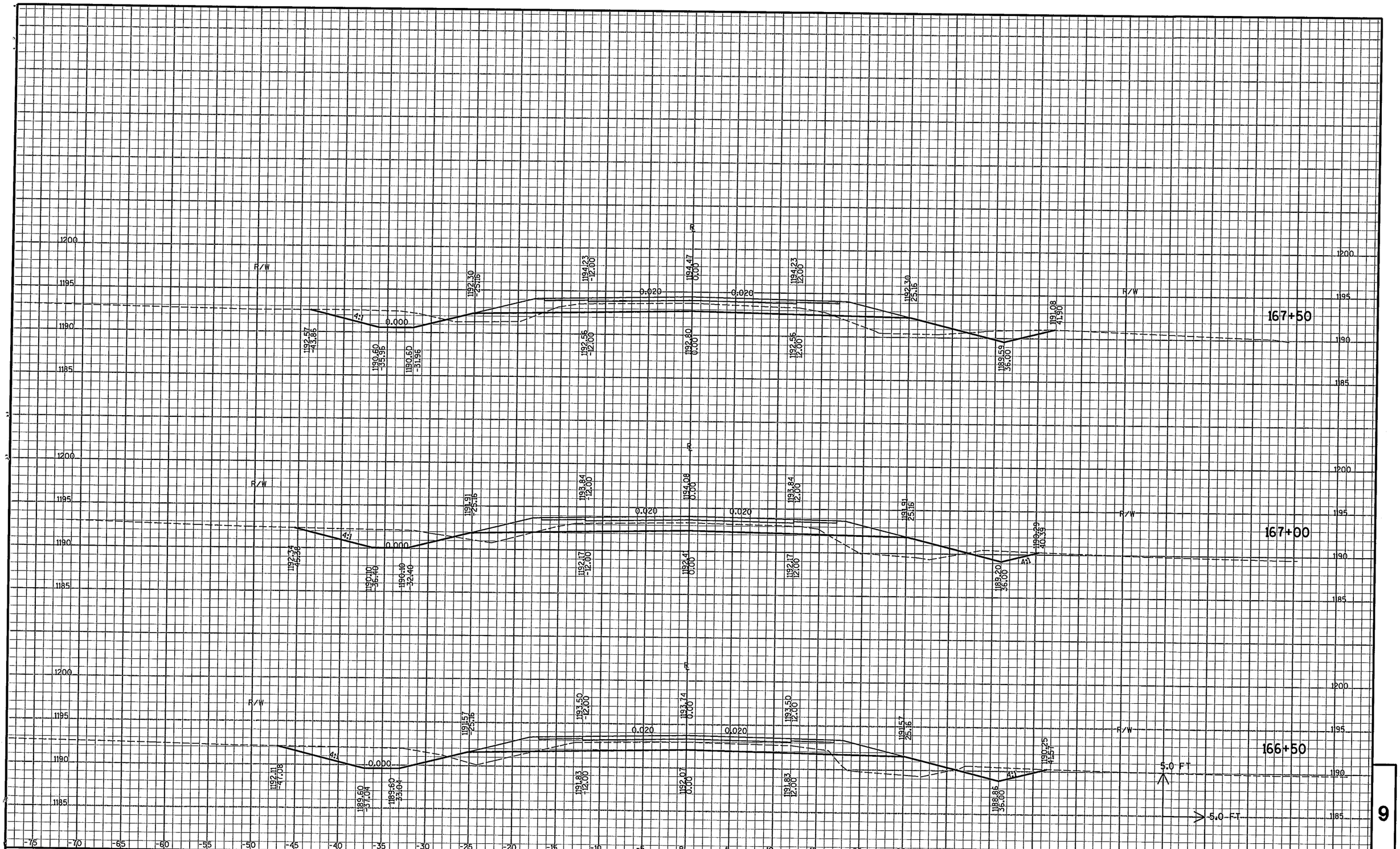
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 53	E

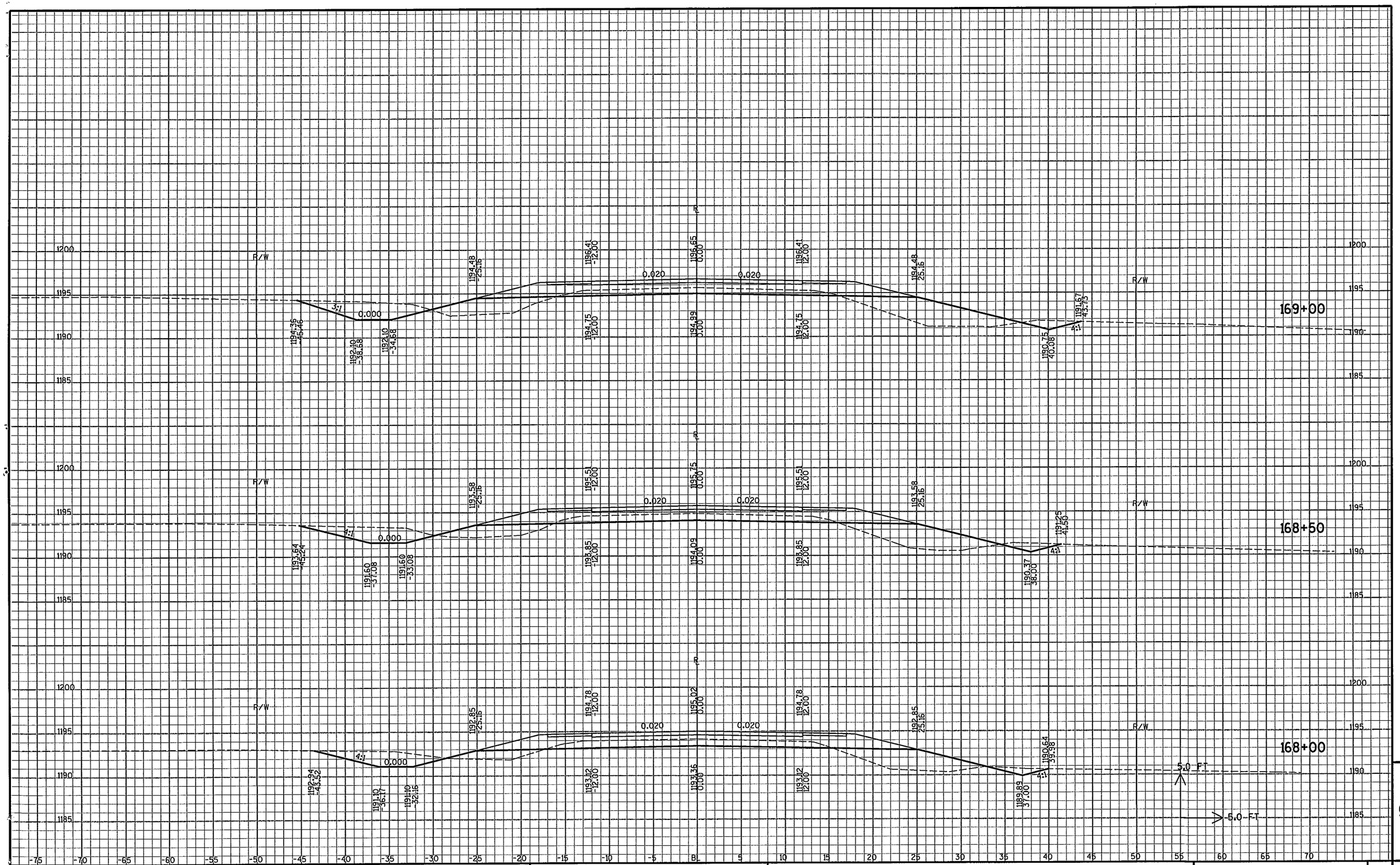
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 54	E

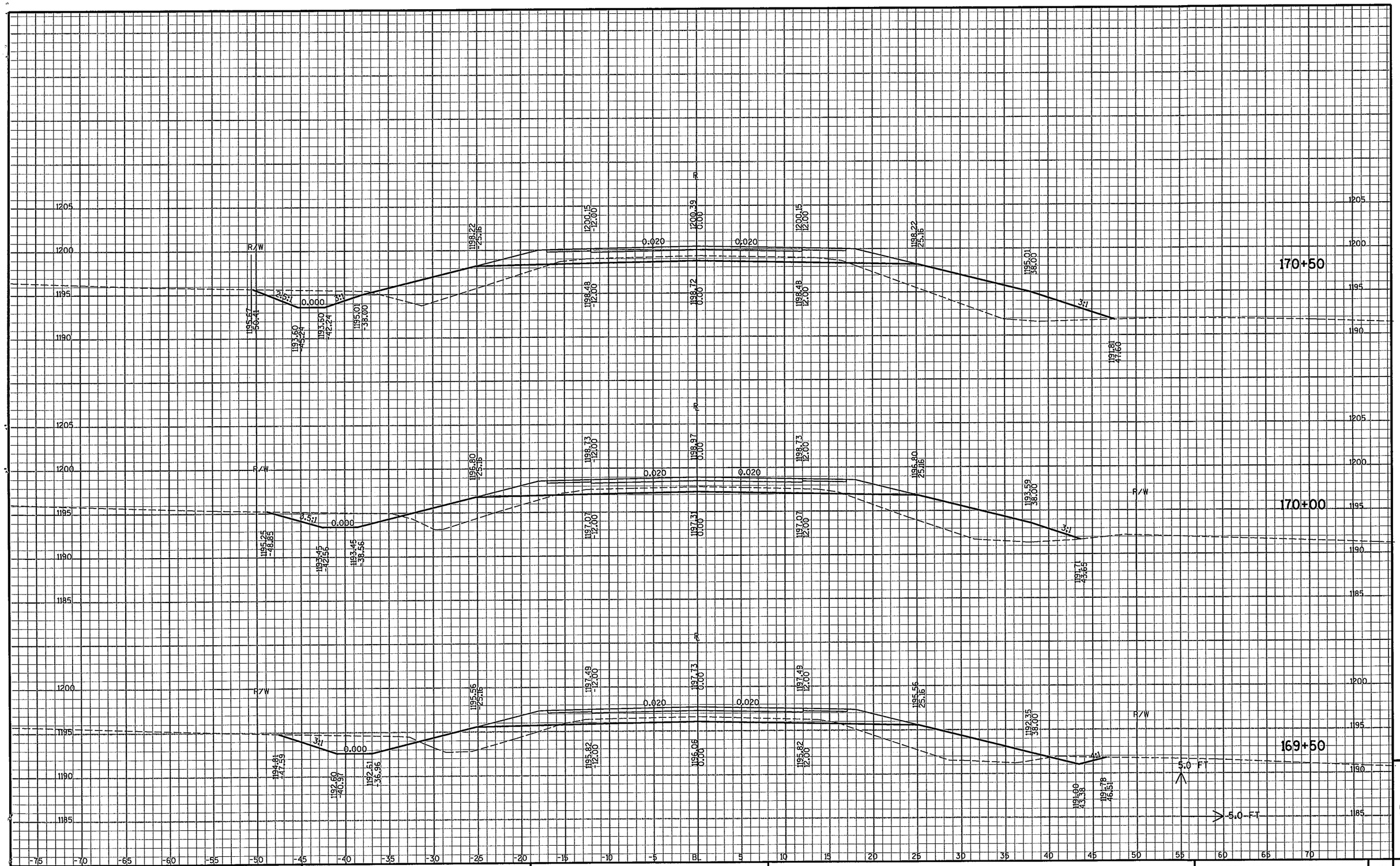
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 55	E

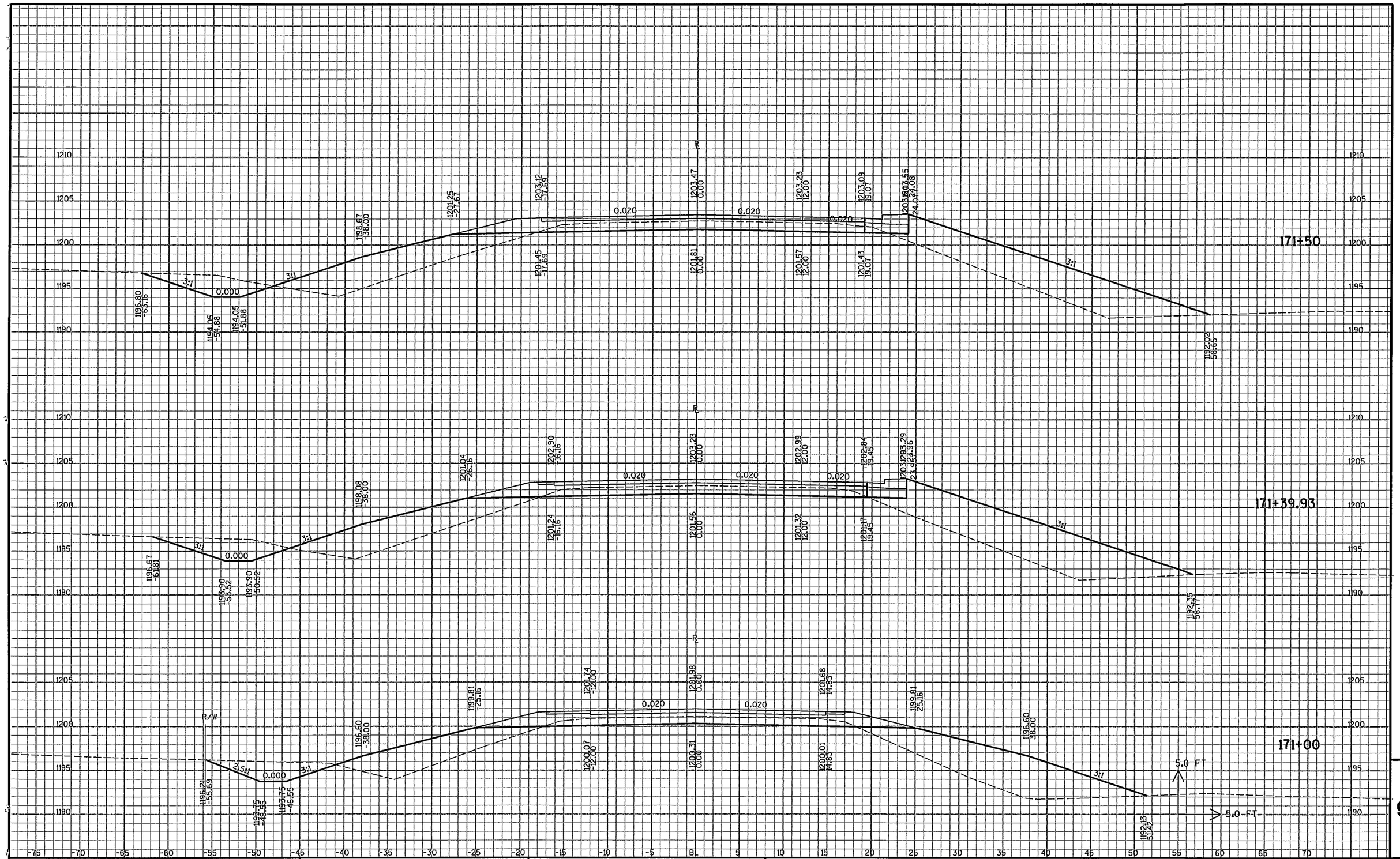
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 56	E

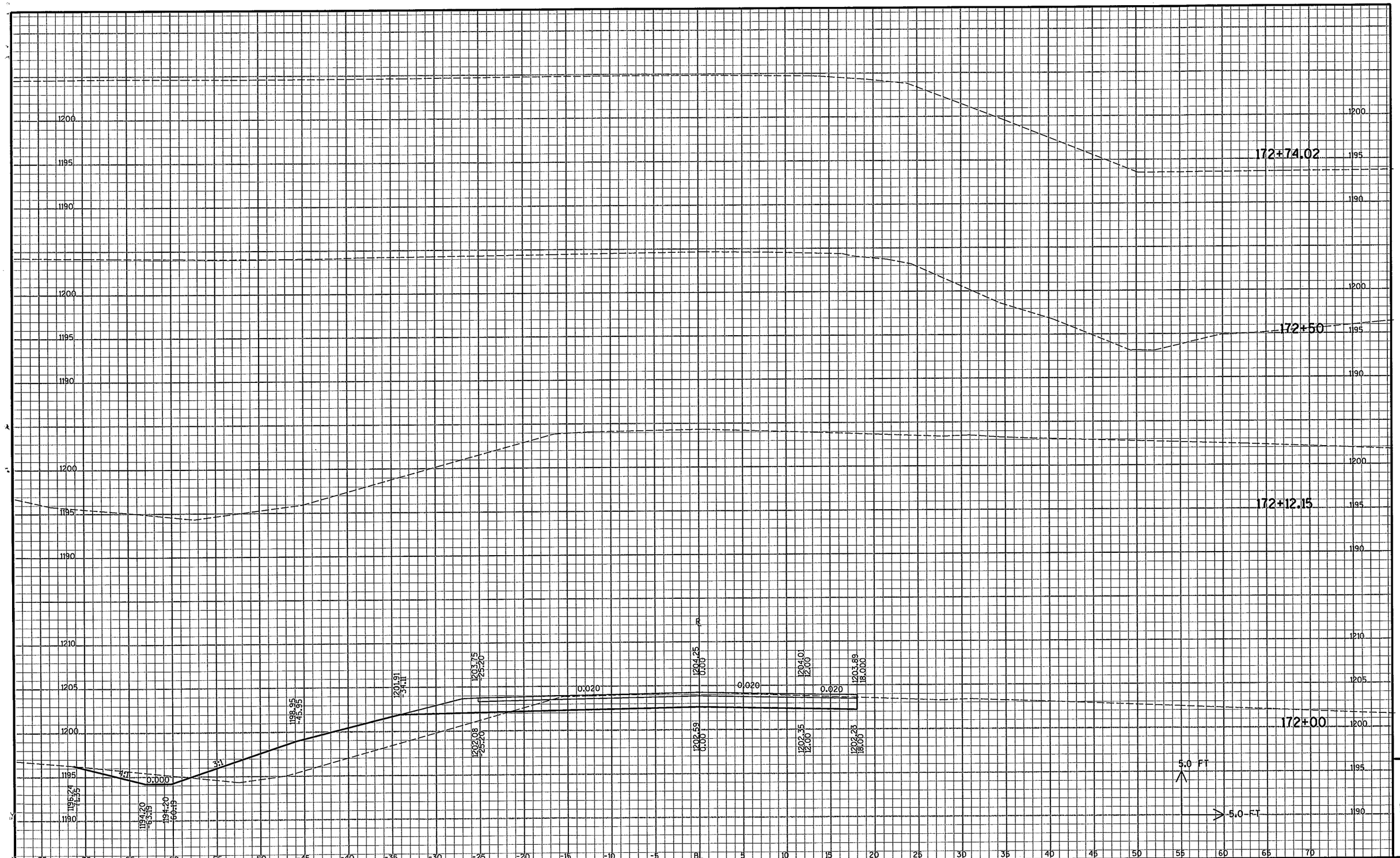
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 57	E

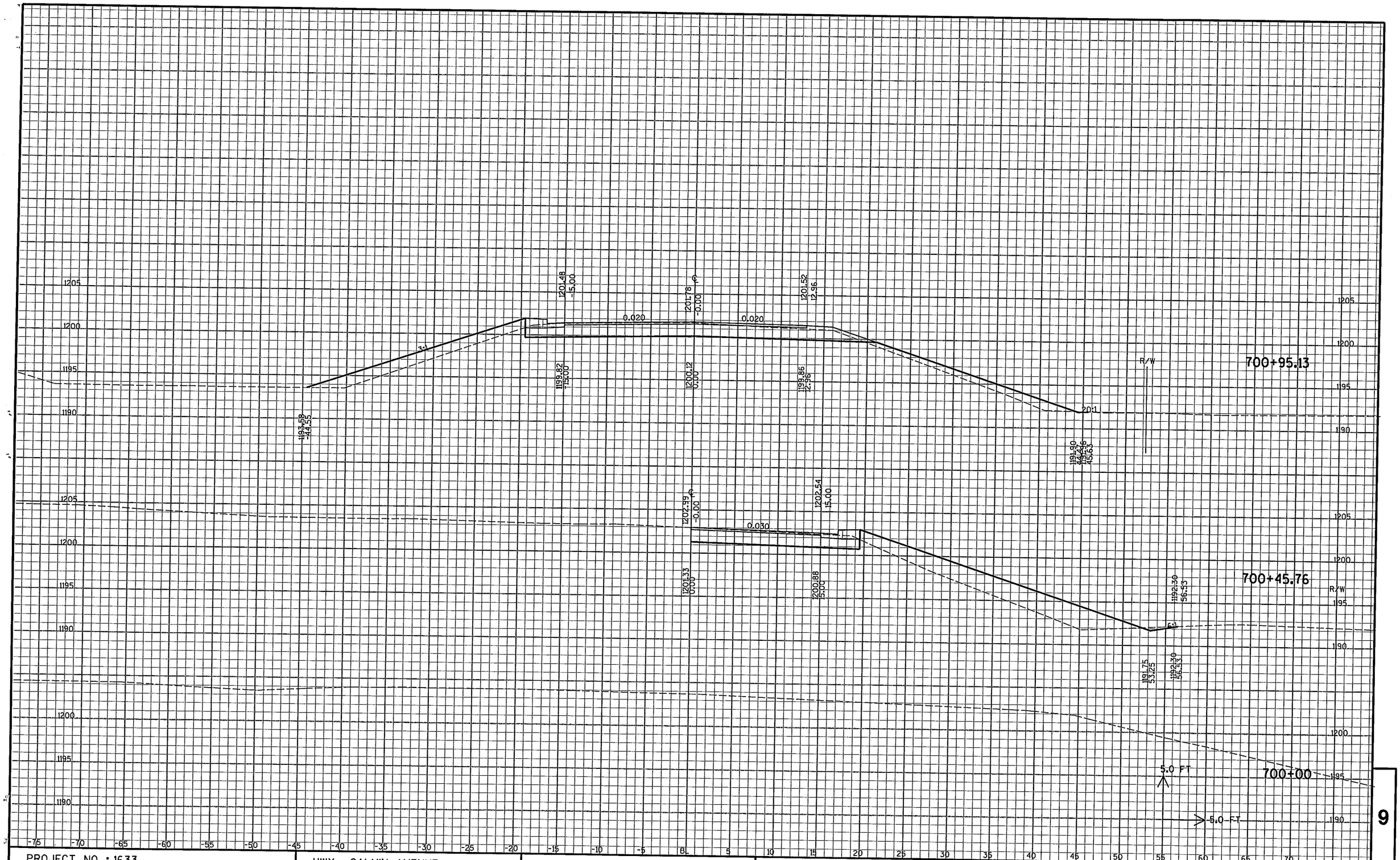
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA	SHEET NO: 58	E

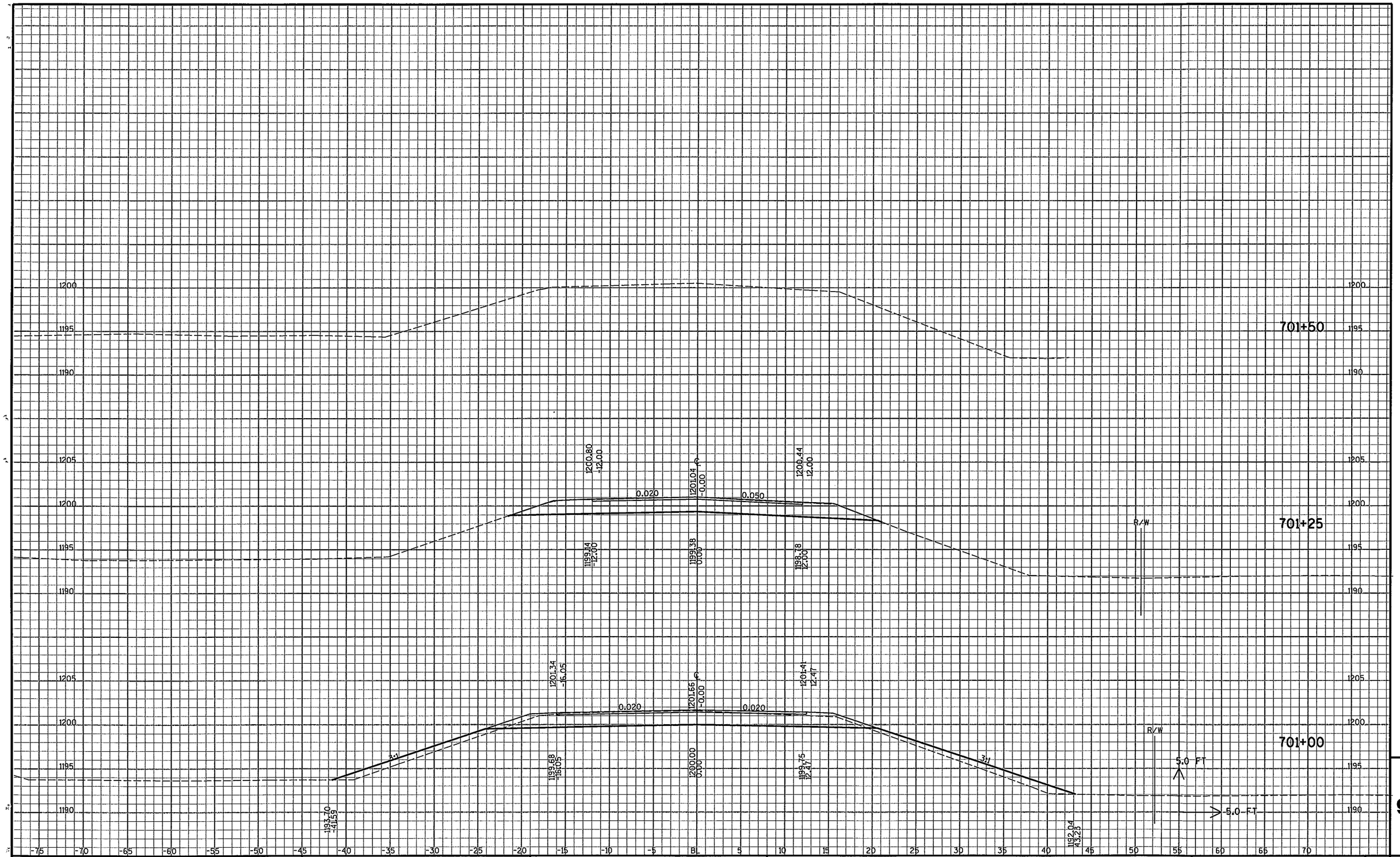
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa ml.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:29 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 1633	HWY : GALVIN AVENUE	COUNTY : MARATHON	CROSS SECTIONS - MANN STREET	SHEET NO: 59	E

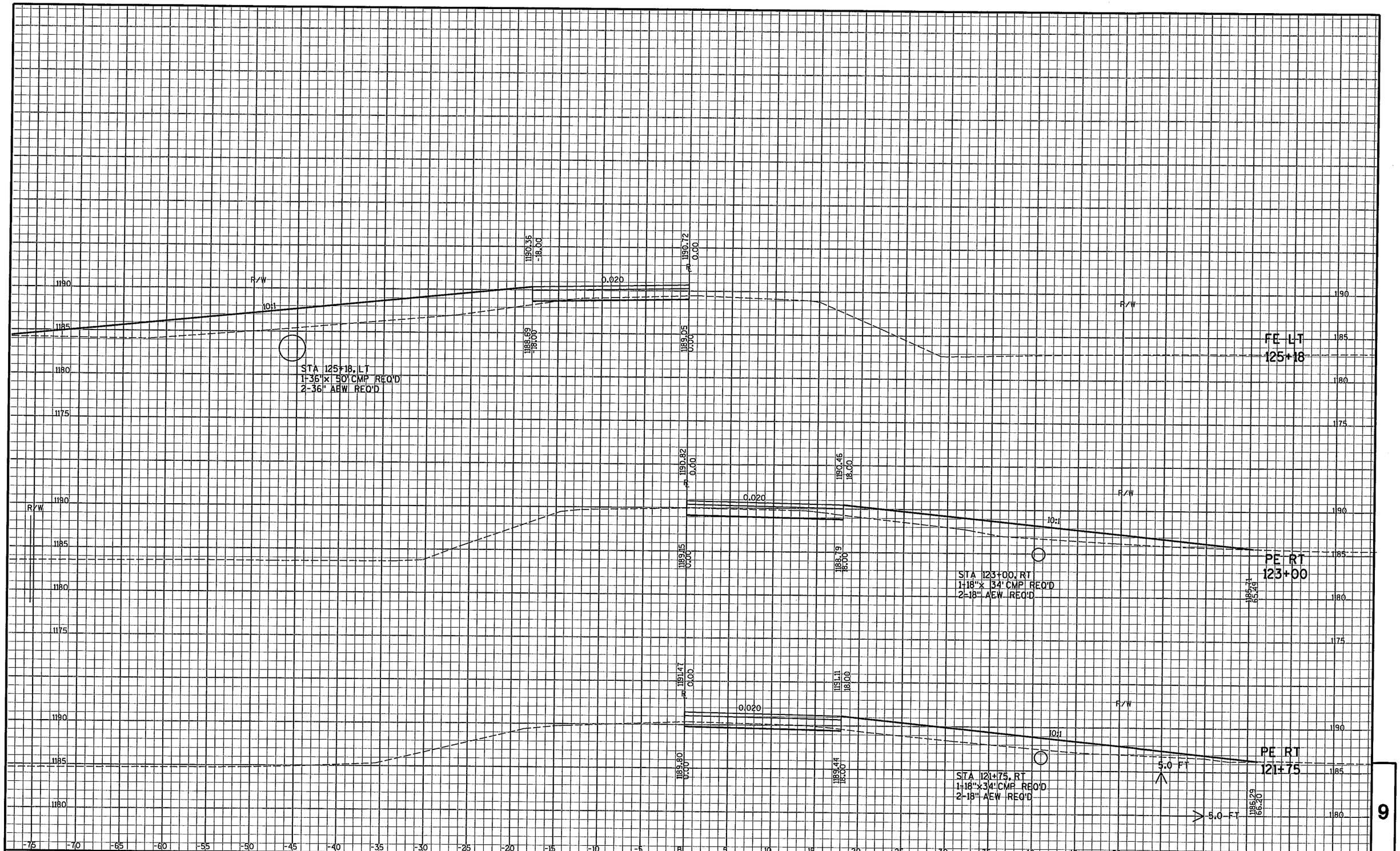
FILE NAME : e:\uz\w\woodc\030100\cad\xb man.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

PROJECT NO : 1633	HWY : GALVIN AVENUE	COUNTY : MARATHON	CROSS SECTIONS - MANN STREET	SHEET NO: 60	E

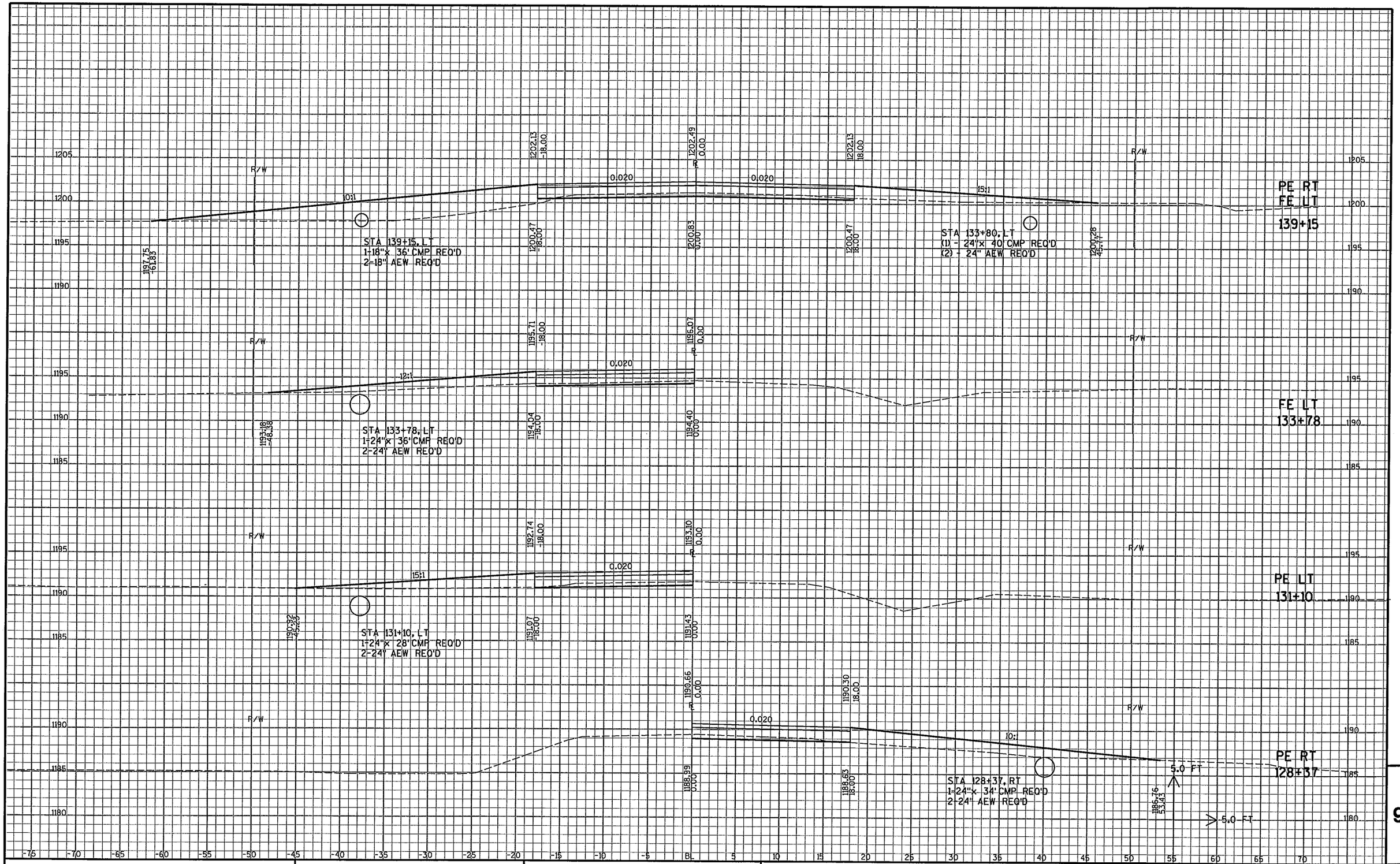
FILE NAME : e:\uz\w\woodc\030100\cad\xb mon.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

STATE PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA DRIVEWAYS	SHEET NO: 61	E

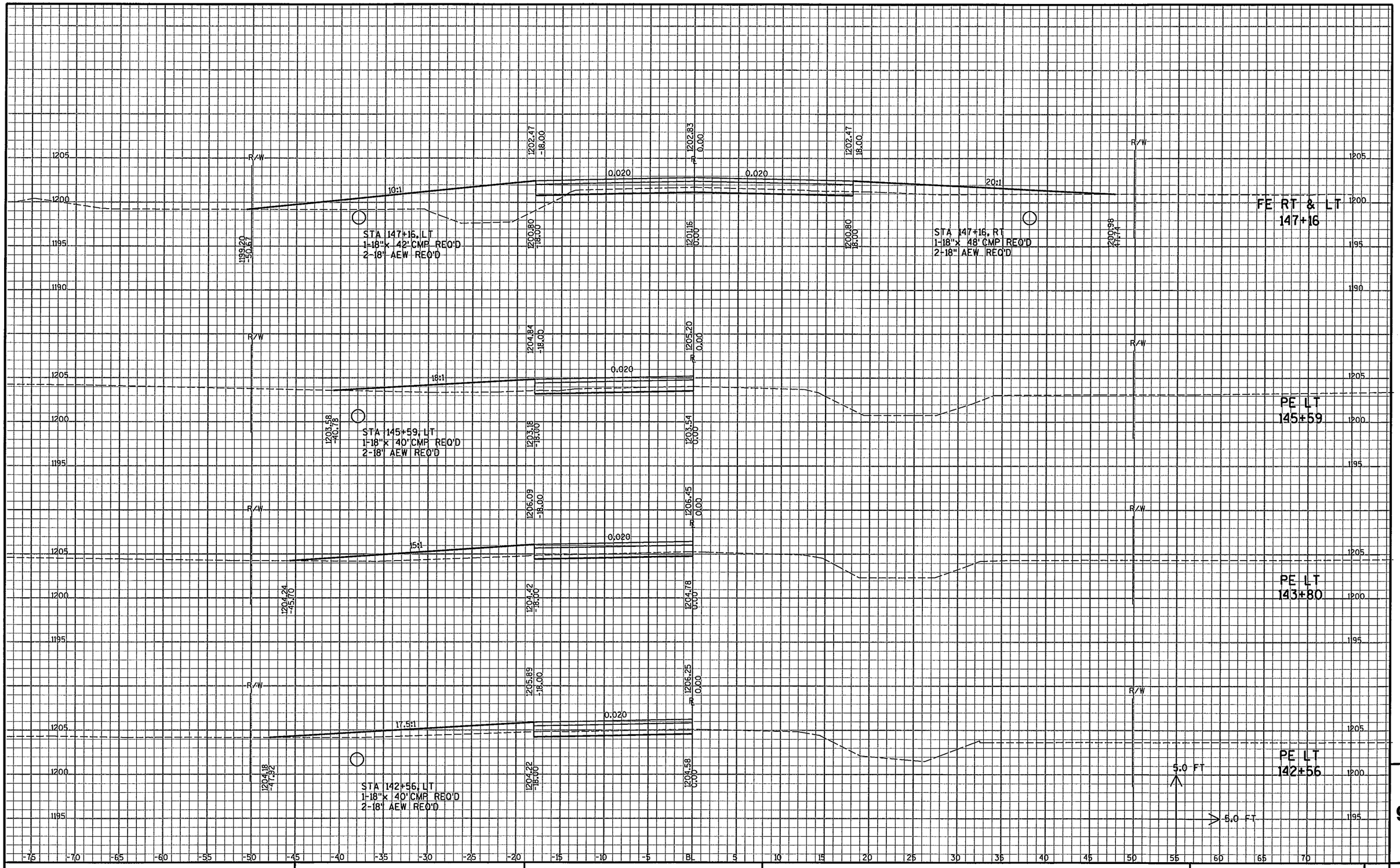
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa drives.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA DRIVEWAYS	SHEET NO: 62	E

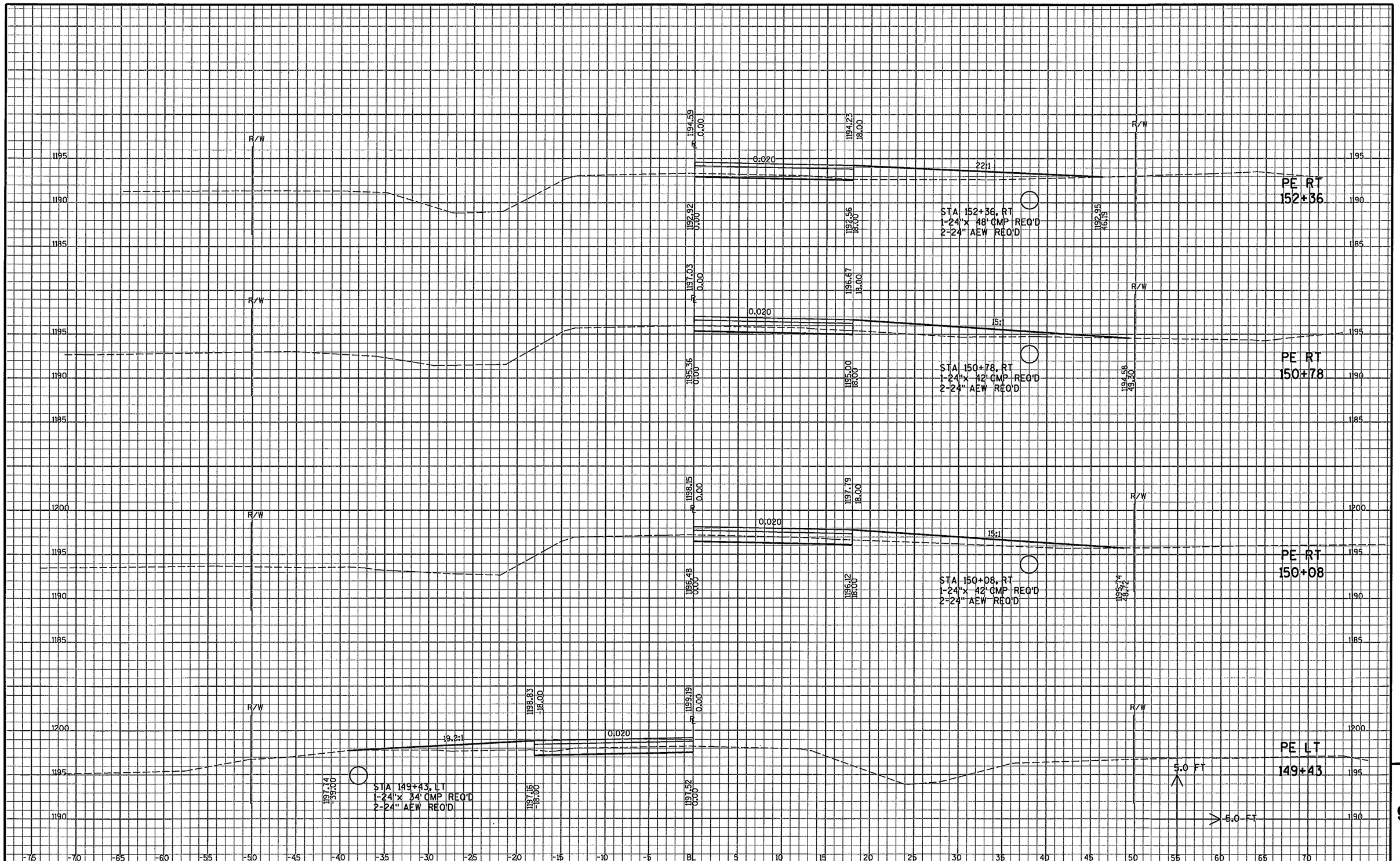
9

FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa drives.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



STATE PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA DRIVEWAYS	SHEET NO: 63	E

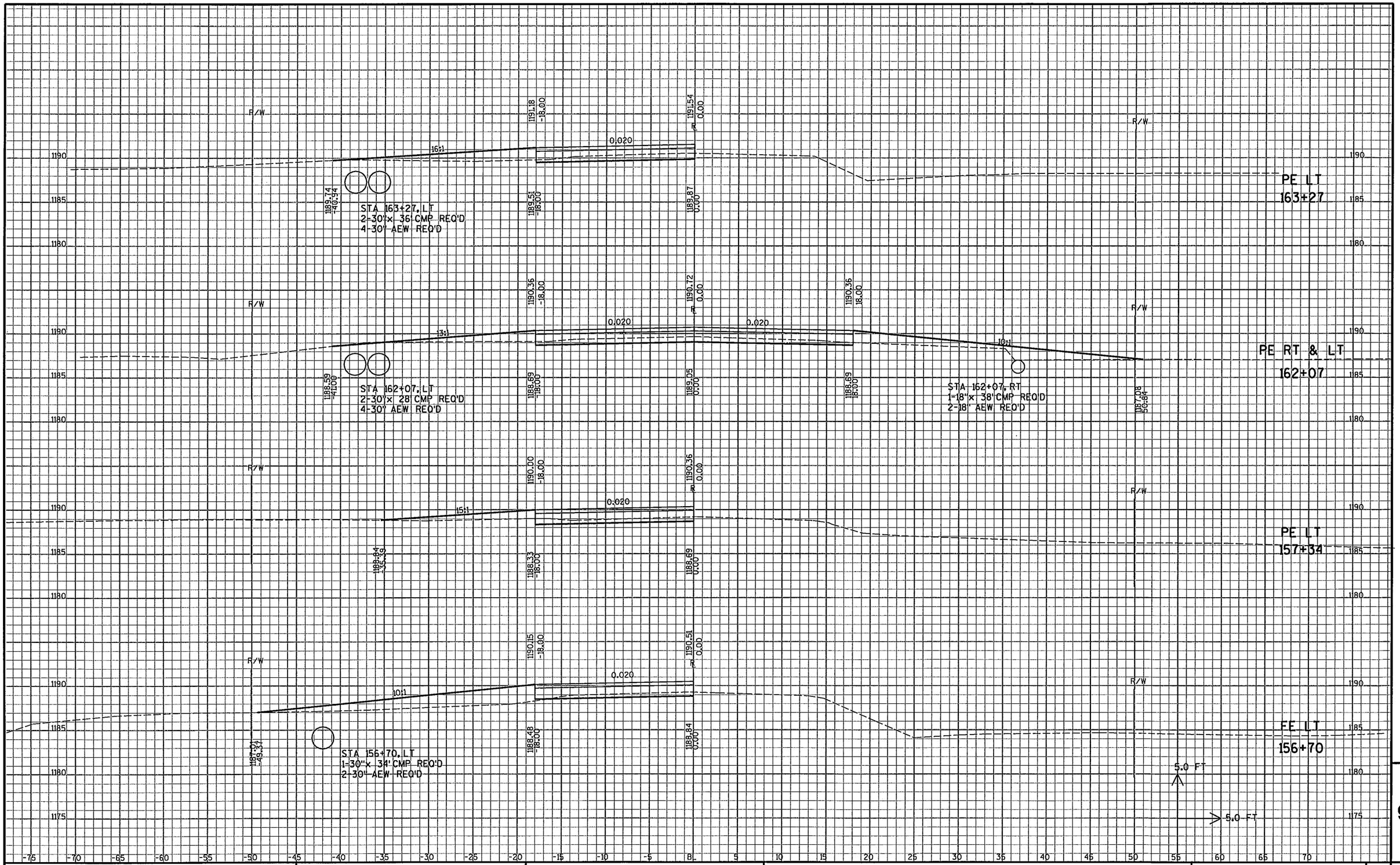
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa drives.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

STATE PROJECT NO : 284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA DRIVEWAYS	SHEET NO: 64	E

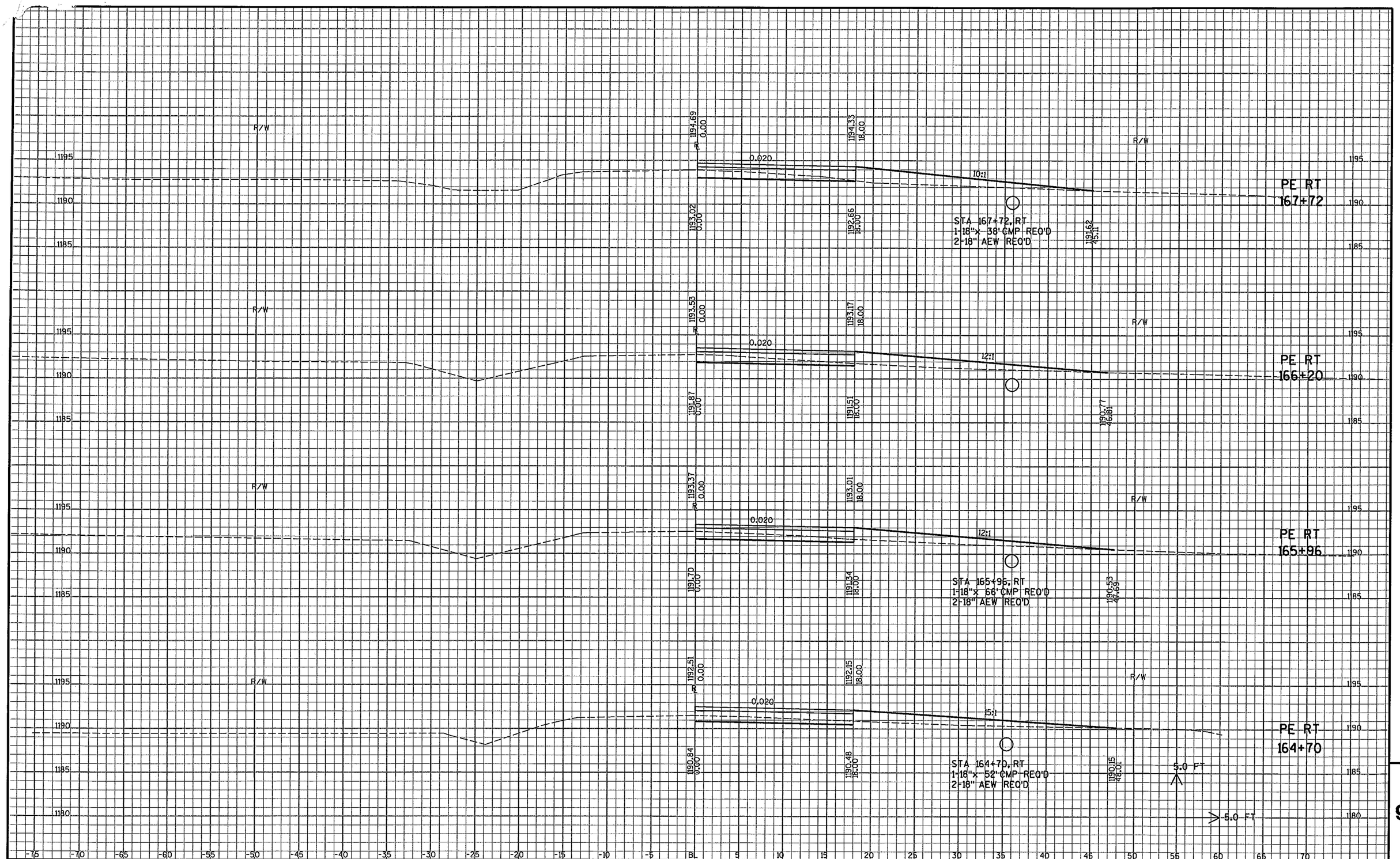
FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa drives.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

STATE PROJECT NO :284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA DRIVEWAYS	SHEET NO: 65	E

FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa drives.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:30 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A



9

STATE PROJECT NO :284-56	HWY : CTH AAA	COUNTY : MARATHON	CROSS SECTIONS - CTH AAA DRIVEWAYS	SHEET NO: 66	E

FILE NAME : e:\uz\w\woodc\030100\cad\xb cth aaa drives.dgn PLOT DATE: 02/01/2006 PLOT TIME: 09:15:31 AM ORG DATE : PLOT NAME : Originator : Dist PLOT SCALE : N/A