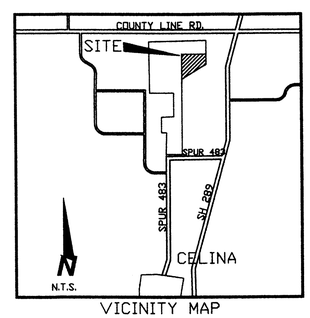
CONSTRUCTION DRAWINGS
FOR
NORTH PRESTON LAKES ESTATES
SECTION III

CITY OF CELINA, COLLIN COUNTY, TEXAS

GENERAL NOTES

1. ALL CONSTRUCTION TO BE IN ACCORDANCE WITH CITY OF CELINA CONSTRUCTION STANDARDS.
2. UTILITIES SHOWN ARE FROM EXISTING RECORDS. CONTRACTOR SHALL LOCATE AND PROTECT ALL UTILITIES DURING CONSTRUCTION. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY DEVIATIONS FROM THE PLAN LOCATIONS.
3. CONTRACTOR IS RESPONSIBLE FOR EROSION CONTROL ON THE SITE DURING CONSTRUCTION. THE MEASURES SHOWN ARE CONSIDERED THE MINIMUM. CONTRACTOR WILL PROVIDE ADDITIONAL CONTROLS AS NEEDED FOR HIS SPECIFIC WORK PLAN.
4. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITH PAVEMENT OR SUITABLE VEGETATIVE COVER.



VICINITY MAP

OWNERS: ROOKE EVERILL
CONTACT: ROOKE EVERILL PH. (214) 382-2381
P. O. BOX 808
CELINA, TEXAS 75009

ENGINEER: GREG EDWARDS P. E.
1116 SANDPIPER, DENTON, TEXAS 76205
PH. (817) 591-9481 METRO (817) 343-0805 FAX (817) 591-0562

SURVEYORS: KERN SURVEYING
P. O. BOX 507, KRUM, TEXAS 76249
CONTACT: J. E. THOMPSON
PH. (817) 482-6723

LIST OF DRAWINGS

SHEET	TITLE
1	COVER SHEET
2	FINAL PLAT
3	OVERALL UTILITY PLAN
4	OVERALL DRAINAGE PLAN
5	PRESTON LAKE DRIVE – SHEET 11 STREET AND WATER PLAN & PROFILE
6	PRESTON LAKE DRIVE – SHEET 12 STREET AND WATER PLAN & PROFILE
7	PRESTON LAKE DRIVE – SHEET 13 STREET AND WATER PLAN & PROFILE
8	PRESTON LAKE DRIVE – SHEET 14 STREET AND WATER PLAN & PROFILE
9	PRESTON LAKE DRIVE – SHEET 15 STREET AND WATER PLAN & PROFILE
10	CULVERT PROFILES & STANDARD DETAILS

MARCH 5, 1997

NOT FOR CONSTRUCTION
THIS PLAN PREPARED BY GREG EDWARDS, (P.E. #48294) FOR MUNICIPAL REVIEW ONLY.

Greg Edwards

REVISIONS:

ENGINEER
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PH: 817-591-9481, FAX: 817-591-0561

DEVELOPER
Rooke Everill
P.O. Box 808
Celina Texas 75009
1-214-382-2381

North Preston Lakes Estates
Section III
COVER SHEET

JOB NUMBER
004
SHEET
1 OF 20

P-199703-01

PROPOSED 6" WATERLINE

EX. 6" WATERLINE

F.H.

500' FH COVERAGE (TYP)

PROPOSED 6" WATERLINE

PROPOSED 8" WATERLINE

1-8" G.V.
1-8" PLUG w/
2" BLOW-OFF VLV.

EX. F.H.

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Greg Edwards 5 Mar. '97

No.	Date	Description	Apprv.
		REVISIONS	

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OWNER
Rooke Everill

North Preston Lakes Estates

Phase III

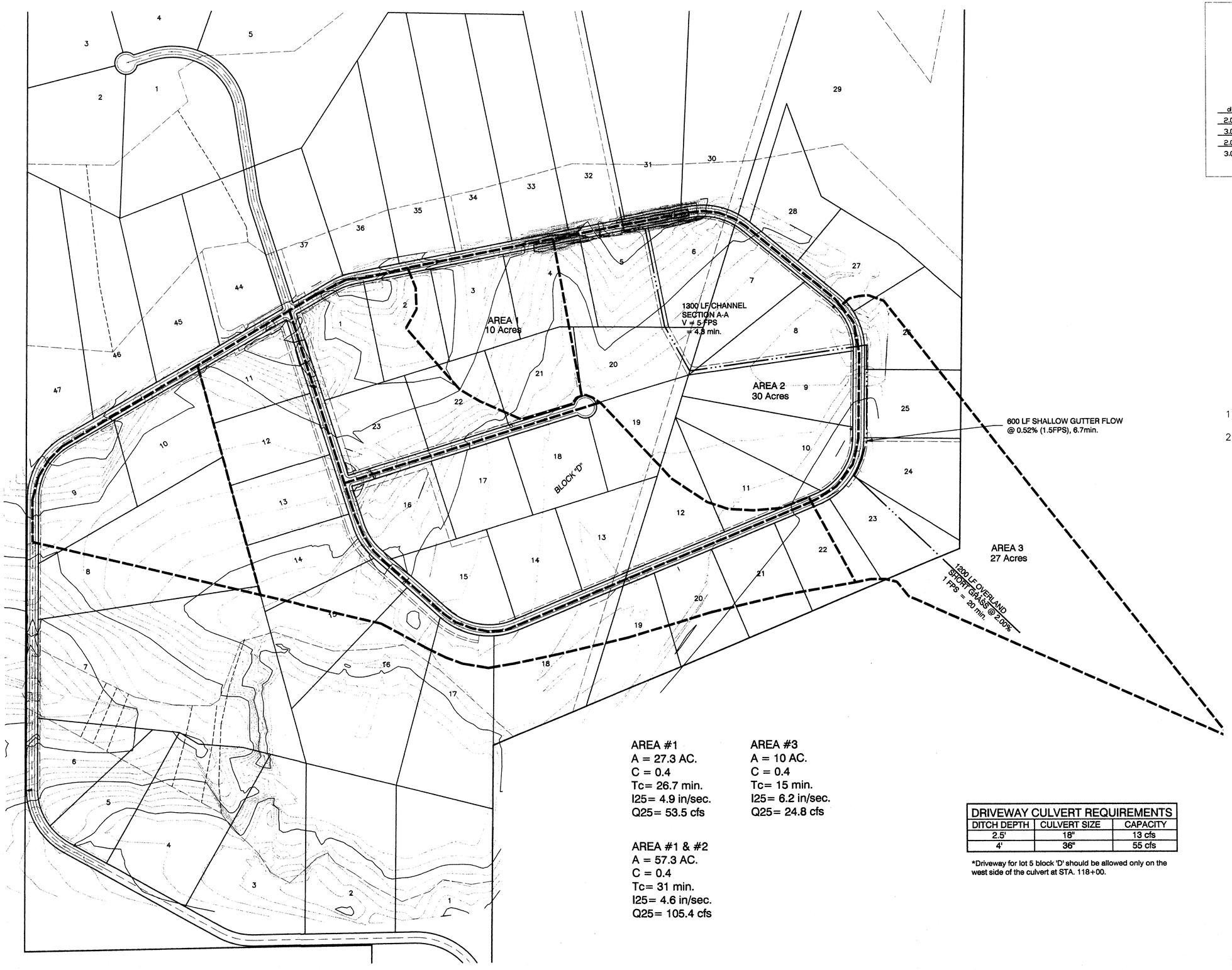
Utility Plan

CITY OF CELINA, COLLIN COUNTY, TEXAS

Designed: GKE Drawn: ARB Checked: GKE	HORIZONTAL SCALE 1" = 100'	DATE 5 MARCH 1997	JOB NUMBER 007 SHEET 3 OF 10

c:\ACAD Drawings\007\PHASE 3\SH03 Drawing by Edwards P.E./Nthused CAD Services

P-199703-01

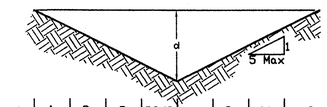


AREA #1
A = 27.3 AC.
C = 0.4
Tc= 26.7 min.
I25= 4.9 in/sec.
Q25= 53.5 cfs

AREA #3
A = 10 AC.
C = 0.4
Tc= 15 min.
I25= 6.2 in/sec.
Q25= 24.8 cfs

AREA #1 & #2
A = 57.3 AC.
C = 0.4
Tc= 31 min.
I25= 4.6 in/sec.
Q25= 105.4 cfs

CHANNEL SECTION A-A
GRASS-LINED CHANNEL



d	A	P	R	R2/3	n	S	V	Q
2.0	20	20.40	0.98	0.99	0.04	0.005	2.59	52cfs
3.0	45	30.60	1.47	1.29	0.04	0.005	3.40	153cfs
2.0	20	20.40	0.98	0.99	0.04	0.004	2.32	46cfs
3.0	45	30.60	1.47	1.29	0.04	0.004	3.03	136cfs

N

GENERAL NOTES

1) TOPOGRAPHIC INFORMATION FROM KERN SURVEYORS.
2) DRAINAGE COMPUTATIONS FROM THE CITY OF LEWISVILLE DRAINAGE CRITERIA MANUAL.

DRIVEWAY CULVERT REQUIREMENTS		
DITCH DEPTH	CULVERT SIZE	CAPACITY
2.5'	18"	13 cfs
4'	36"	55 cfs

*Driveway for lot 5 block 'D' should be allowed only on the west side of the culvert at STA. 118+00.

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Greg Edwards 5 Mar '97

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		REVISIONS	

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OWNER
Rooke Everill

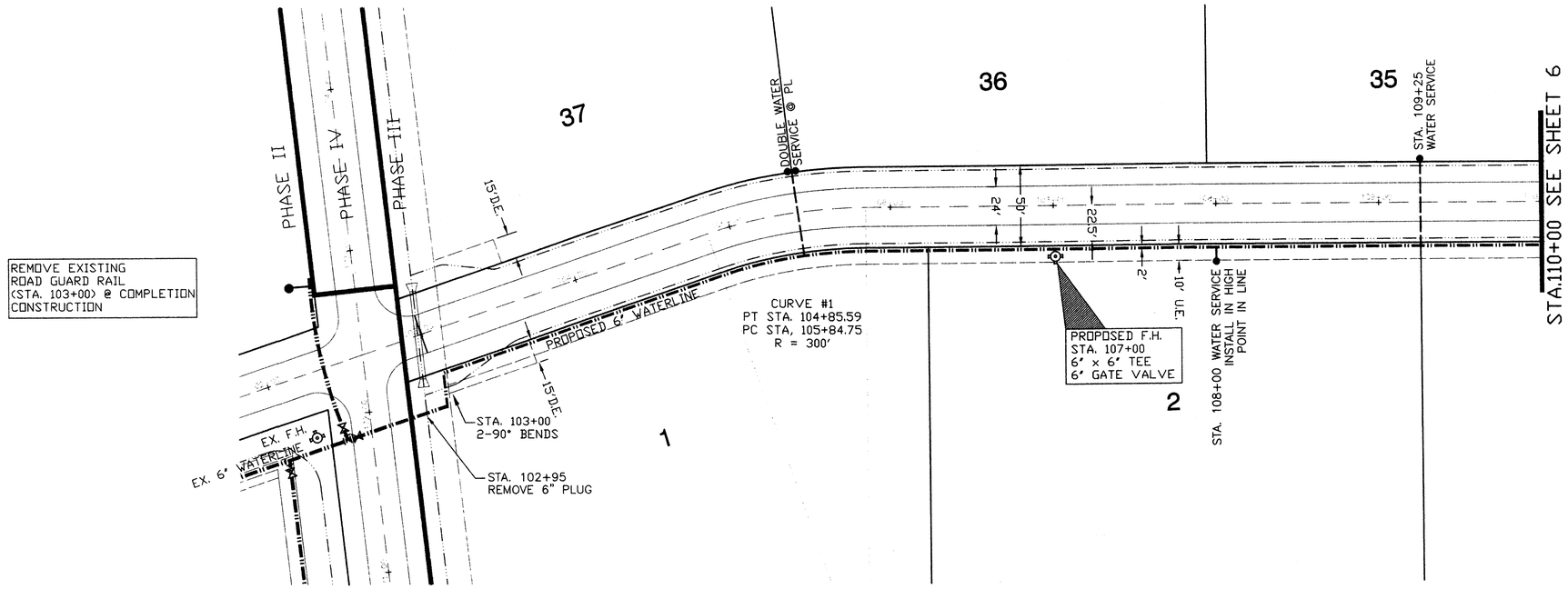
North Preston Lakes Estates
Phase III
Drainage Plan

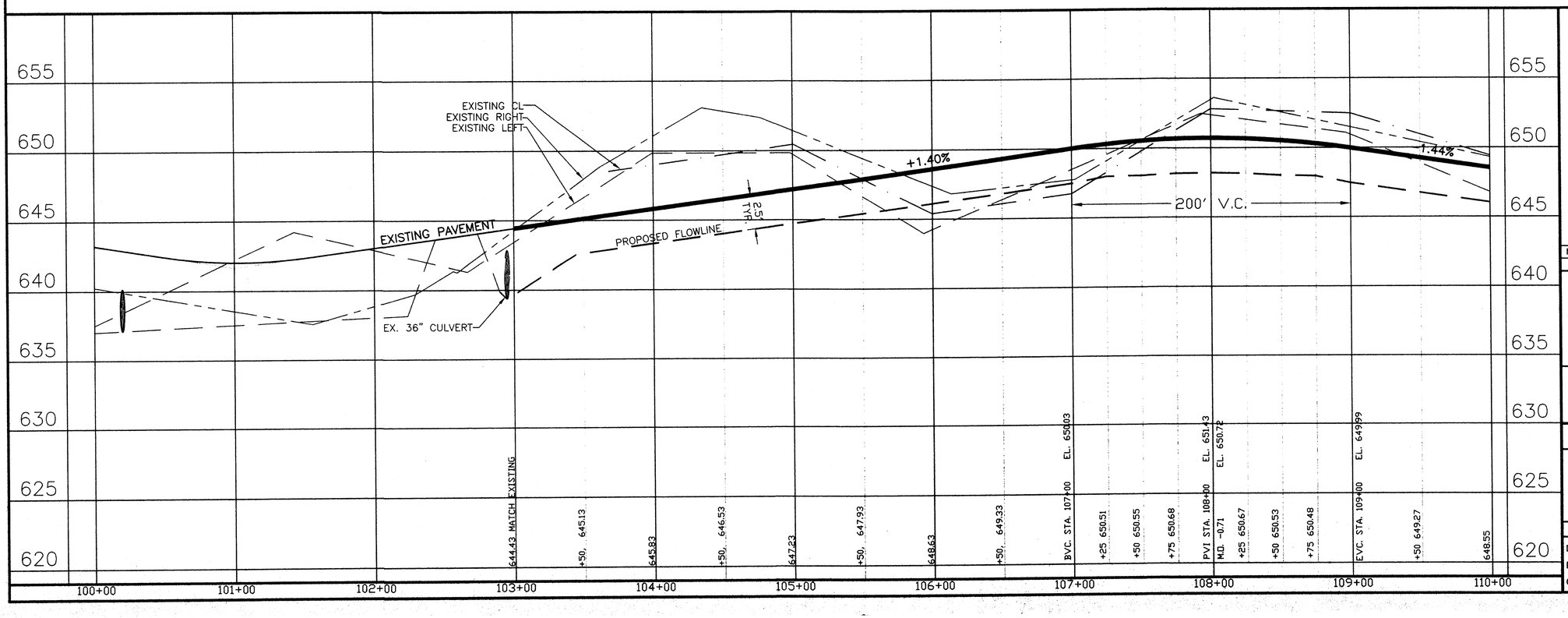
CITY OF CELINA, COLLIN COUNTY, TEXAS

Designed: GKE Drawn: ARB Checked: GKE	HORIZONTAL SCALE 1" = 200'	DATE 5 MARCH 1997	JOB NUMBER 007 SHEET 4 OF 10	

c:\ACAD Drawings\007\PHASE 3\SH04 Drawing by: Edwards P.E./Nthused CAD Services

P-199703-01





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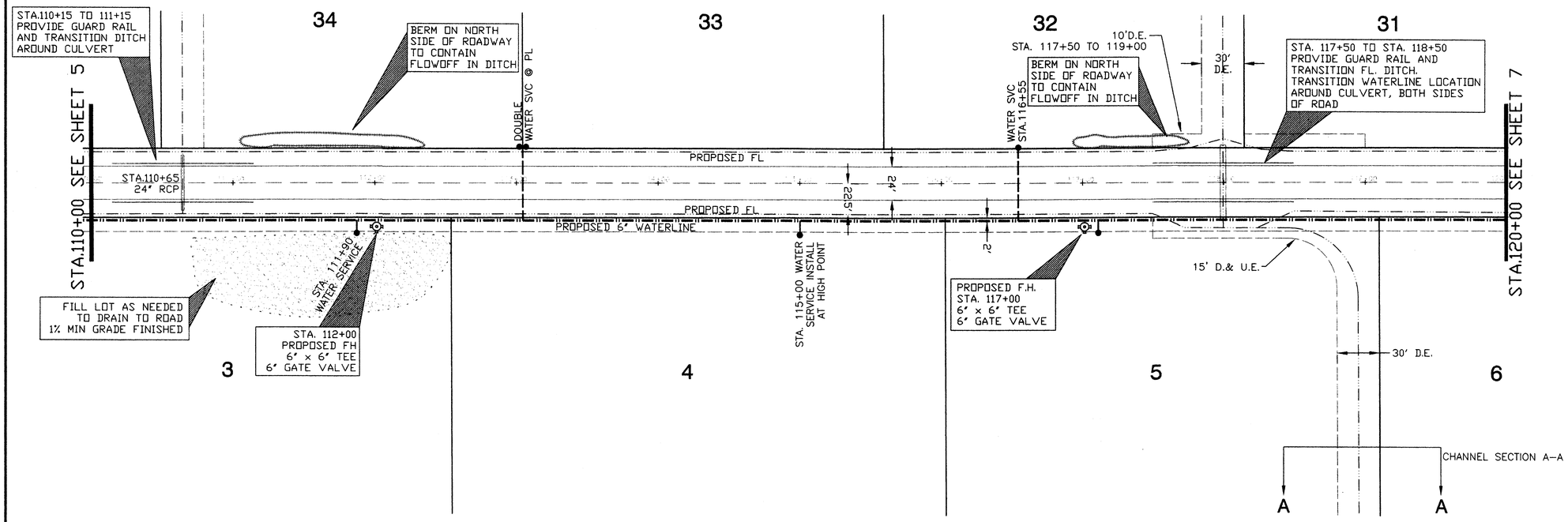
PRESTON LAKES ESTATES
SECTION III
PRESTON LAKES DR. STA.100+00 TO 110+00
STREET AND WATER PLAN & PROFILE

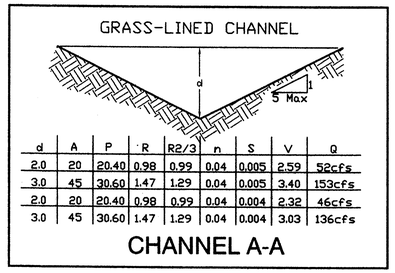
CITY OF CELINA, COLLIN COUNTY, TEXAS

Designed: GKE	HORIZONTAL SCALE 1" = 40'	DATE 1 FEB 1997	JOB NUMBER 007
Drawn: ARB	VERTICAL SCALE 1" = 4'		SHEET 5 OF 10
Checked: GKE			

c:\ACAD Drawings\007\PHASE 3\SH05 Drawing by Edwards P.E./Nthused CAD Services

P-199703-01





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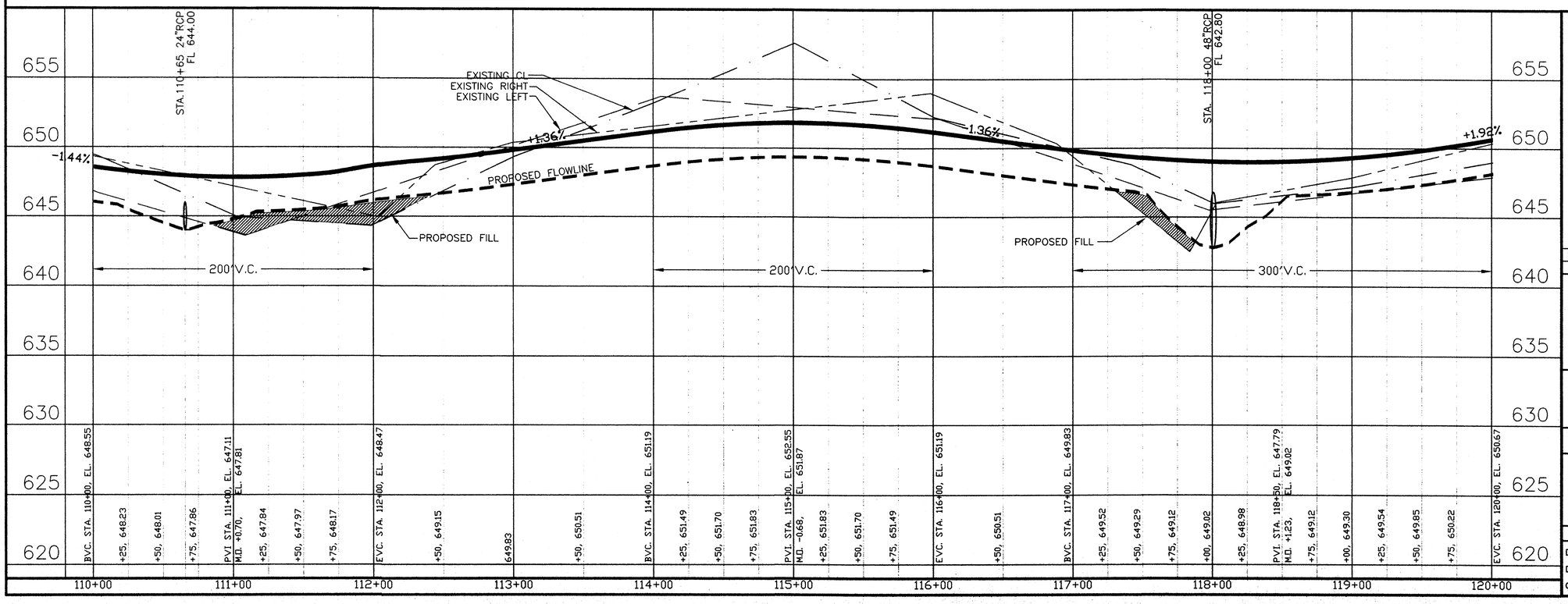
3.0	45	30.60	1.47	1.29	0.04	0.005	3.40	153cfs
2.0	20	20.40	0.98	0.99	0.04	0.004	2.32	46cfs
3.0	45	30.60	1.47	1.29	0.04	0.004	3.03	136cfs

CHANNEL A-A



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Greg Edwards 5 Mar. '97

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PRESTON LAKES ESTATES
SECTION III

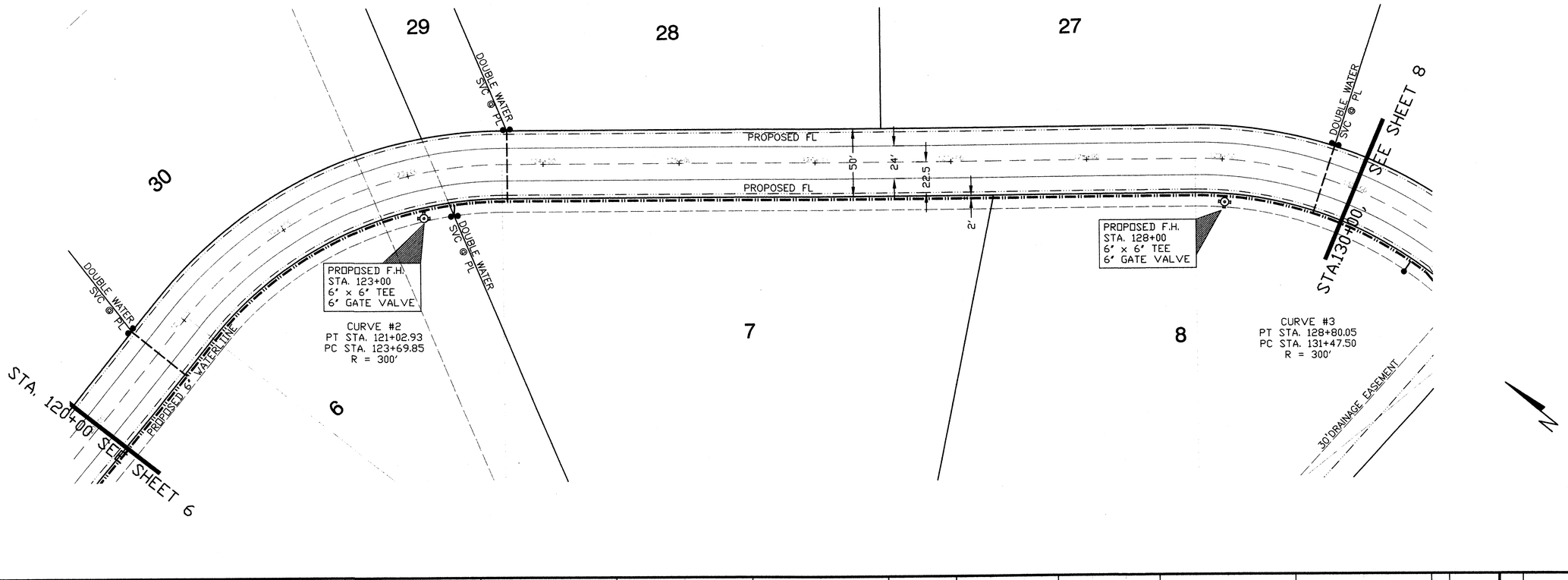
PRESTON LAKES DR. STA.110+00 TO 120+00
STREET AND WATER PLAN & PROFILE

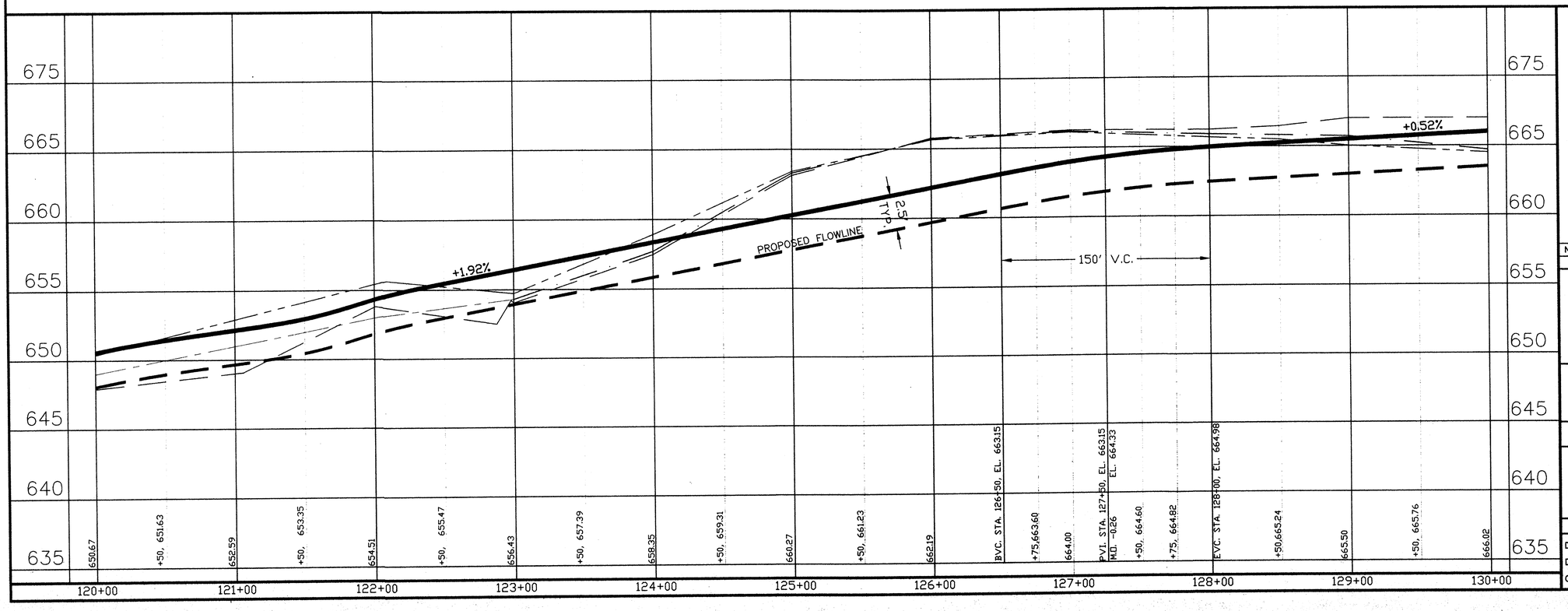
CITY OF XXXX, COLLIN COUNTY, TEXAS

Designed: GKE	HORIZONTAL SCALE 1" = 40'	DATE 1 FEB 1997	JOB NUMBER 007
Drawn: ARB	VERTICAL SCALE 1" = 4'		SHEET 6 OF 11
Checked: GKE			

c:\MCAD Drawings\007\PHASE 3\SH06 Drawing by: Edwards P.E./Nthused CAD Services

P-199703-01





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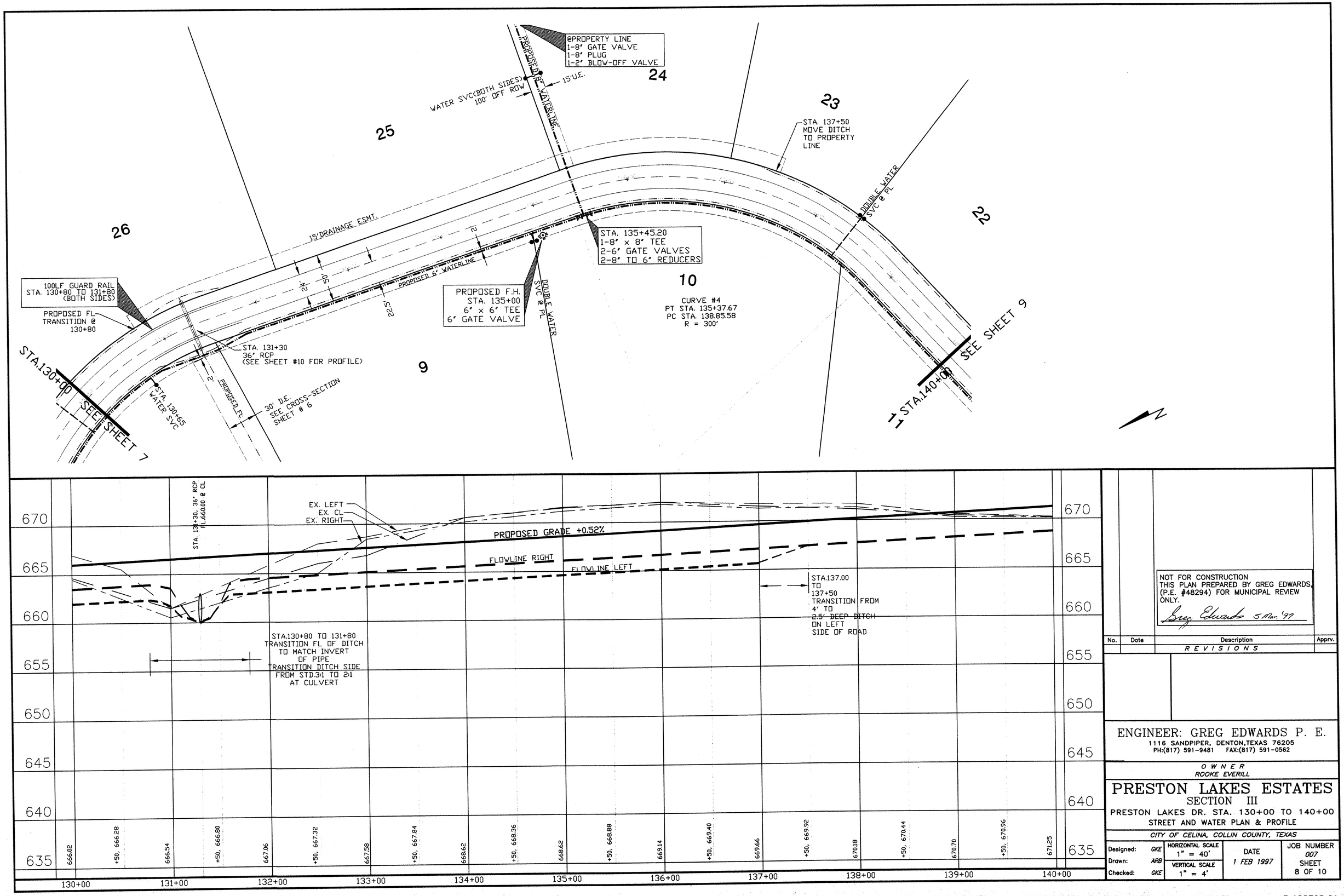
PRESTON LAKES ESTATES
SECTION III
PRESTON LAKES DR. STA. 120+00 TO 130+00
STREET AND WATER PLAN & PROFILE

CITY OF CELINA, COLLIN COUNTY, TEXAS

Designed: GKE	HORIZONTAL SCALE 1" = 40'	DATE 1 FEB 1997	JOB NUMBER 007
Drawn: ARB	VERTICAL SCALE 1" = 4'		SHEET 7 OF 10
Checked: GKE			

c:\ACAD Drawings\007\PHASE 3\SH07 Drawing by: Edwards P.E./Nthused CAD Services

P-199703-01



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Greg Edwards 5 Mar. '97

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PRESTON LAKES ESTATES
SECTION III

PRESTON LAKES DR. STA. 130+00 TO 140+00
STREET AND WATER PLAN & PROFILE

CITY OF CELINA, COLLIN COUNTY, TEXAS

Designed: GKE	HORIZONTAL SCALE 1" = 40'	DATE 1 FEB 1997	JOB NUMBER 007
Drawn: ARB	VERTICAL SCALE 1" = 4'		SHEET 8 OF 10
Checked: GKE			

C:\ACAD Drawings\00\PHASE 3\SH08 Drawing by: Edwards P.E. /Nthused CAD Services

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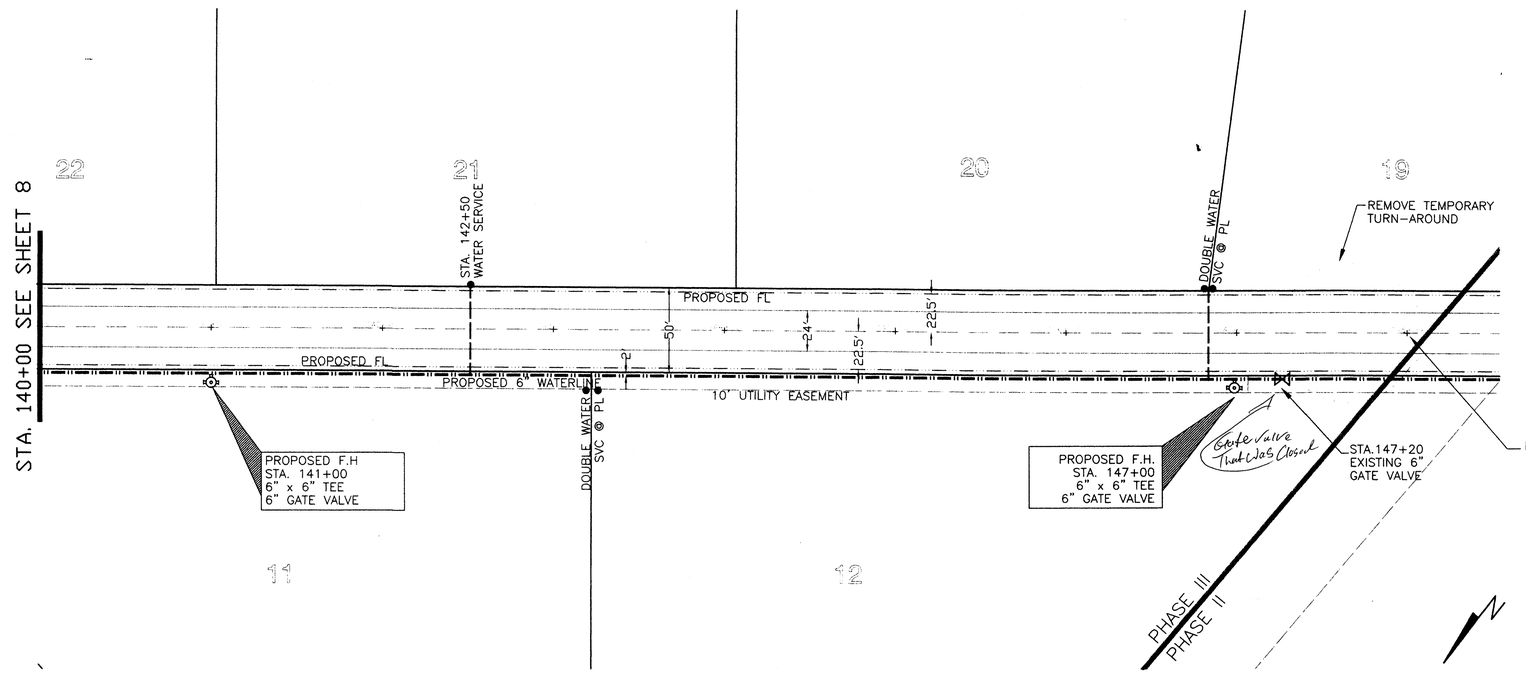

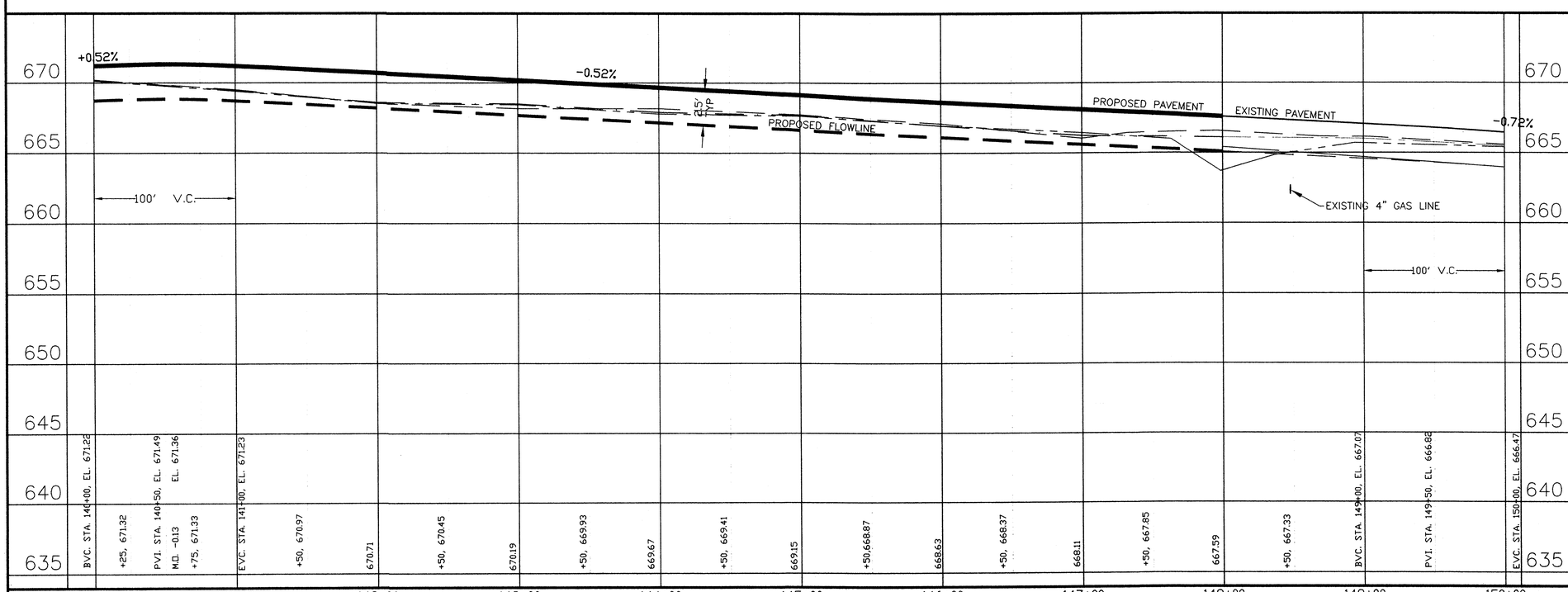

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PRESTON LAKES ESTATES
SECTION III

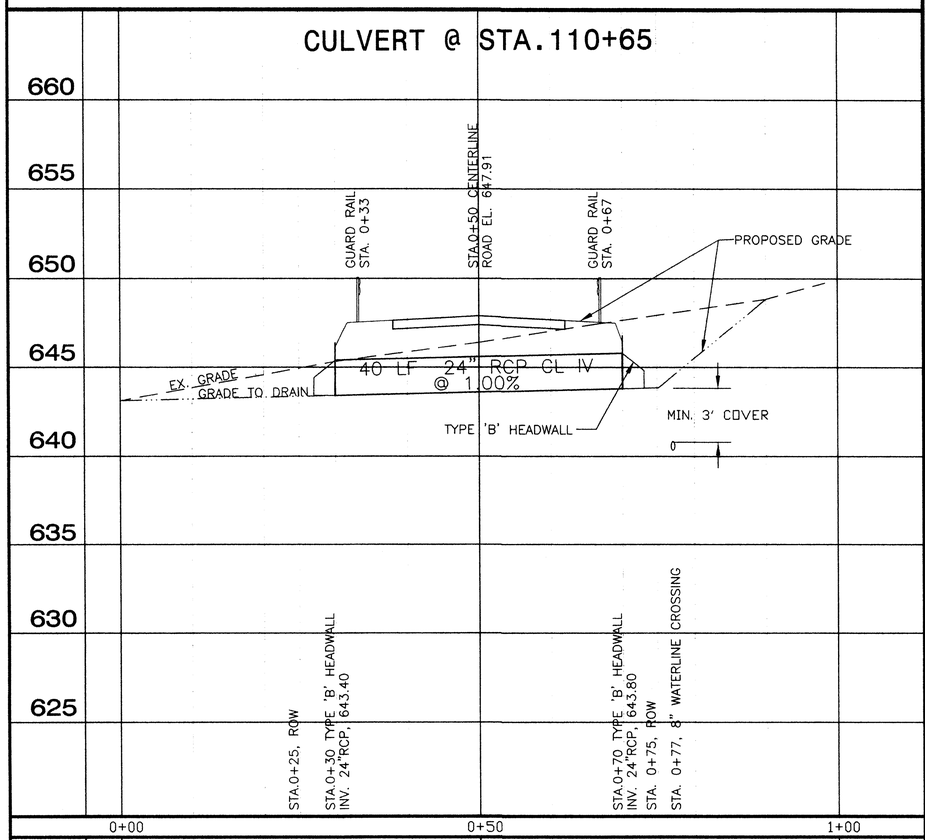
PRESTON LAKES DR. STA. 140+00 TO 150+00
STREET AND WATER PLAN & PROFILE

CITY OF CELINA, COLLIN COUNTY, TEXAS

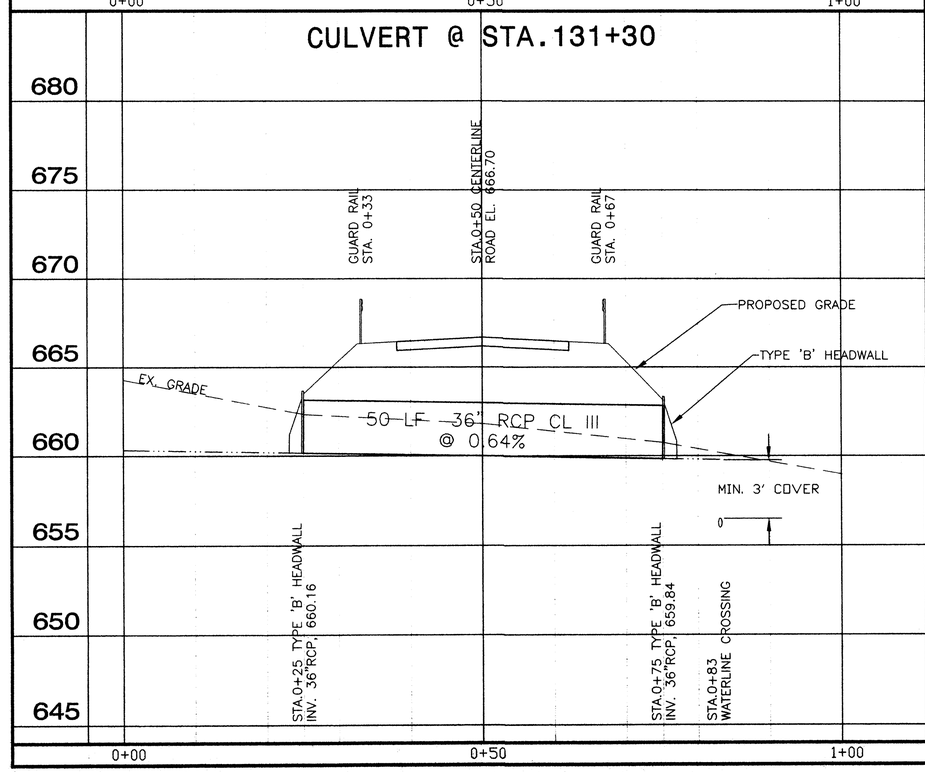
Designed: GKE	HORIZONTAL SCALE 1" = 40'	DATE 5 MARCH 1997	JOB NUMBER 007
Drawn: ARB	VERTICAL SCALE 1" = 4'		SHEET 9 OF 10
Checked: GKE			

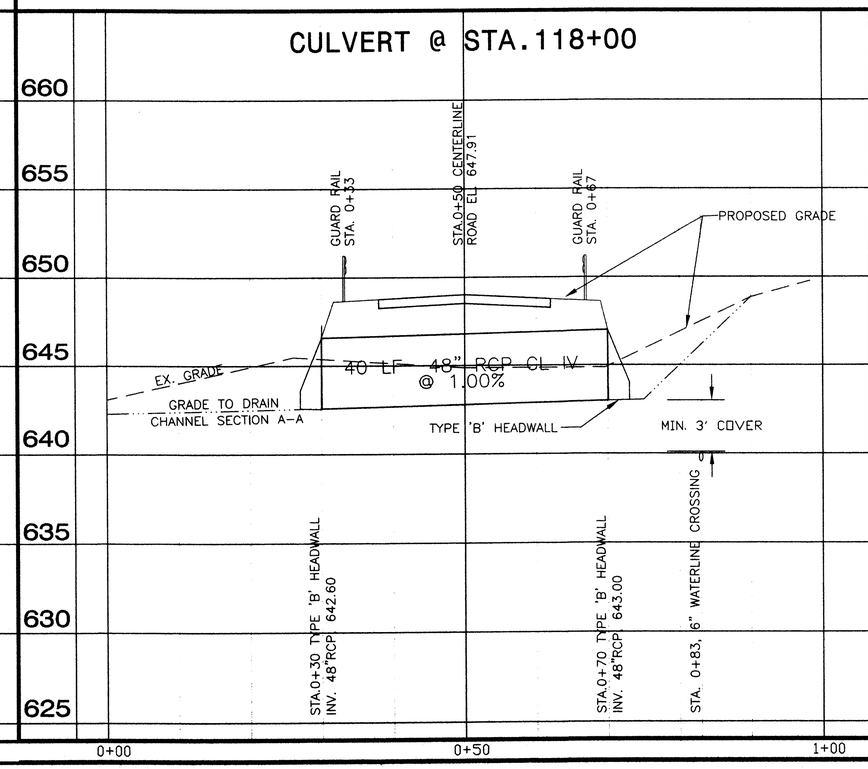
c:\ACAD Drawings\007\PHASE 3\SH09 Drawing by Edwards P.E./Nthused CAD Services

P-199703-01



STANDARD WATER DETAILS
TO BE SUBMITTED WITH
APPROVED CONSTRUCTION PLANS





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North Preston Lakes Estates
Phase III

Culvert Cross-Section Profiles

CITY OF CELINA, COLLIN COUNTY, TEXAS

Designed: GKE	HORIZONTAL SCALE 1" = 10'	DATE 5 MARCH, 1997	JOB NUMBER 007
Drawn: ARB	VERTICAL SCALE 1" = 4'		SHEET 10 OF 10
Checked: GKE			

c:\ACAD Drawings\007\PHASE 3\sh10 Drawing by Edwards P.E./Nthused CAD Services

P-199703-01