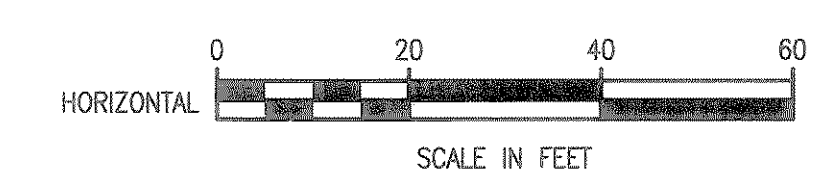
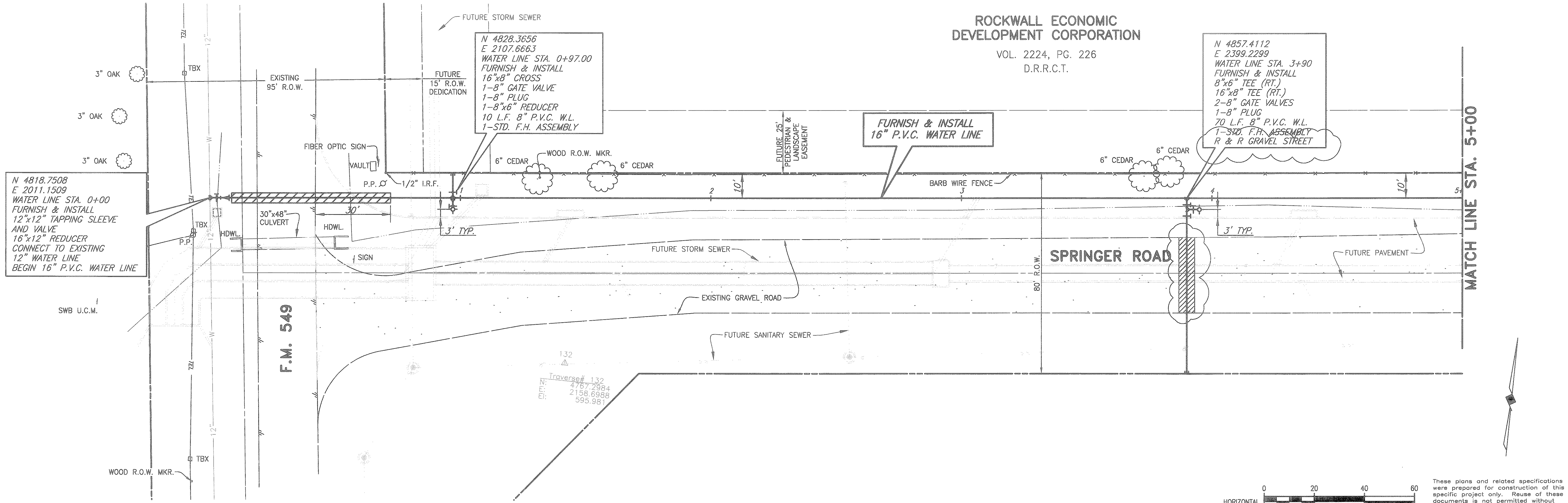
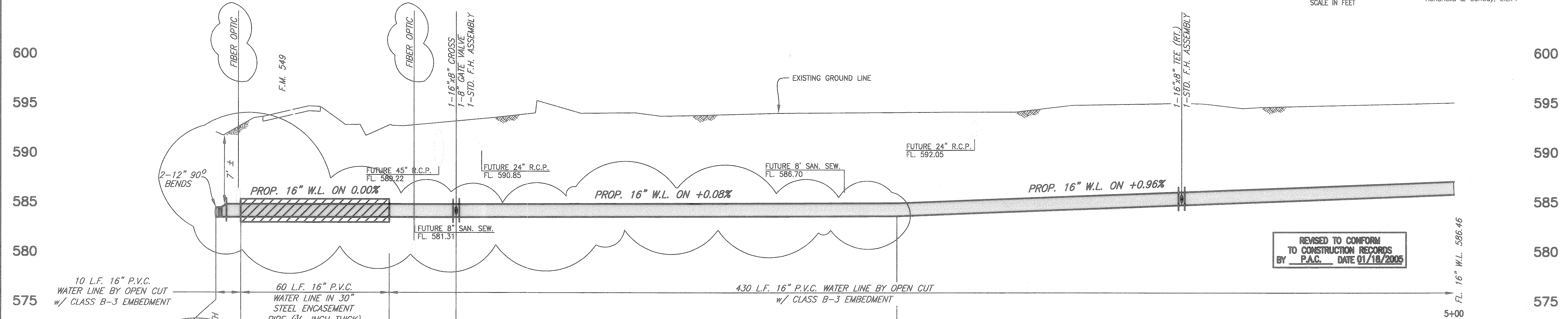


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ROCKWALL ECONOMIC DEVELOPMENT CORPORATION  
VOL. 2224, PG. 226  
D.R.R.C.T.

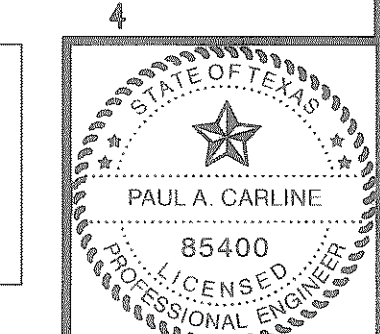


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REVISED TO CONFORM TO CONSTRUCTION RECORDS BY P.A.G. DATE 01/18/2005

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DATE: 8/22/03

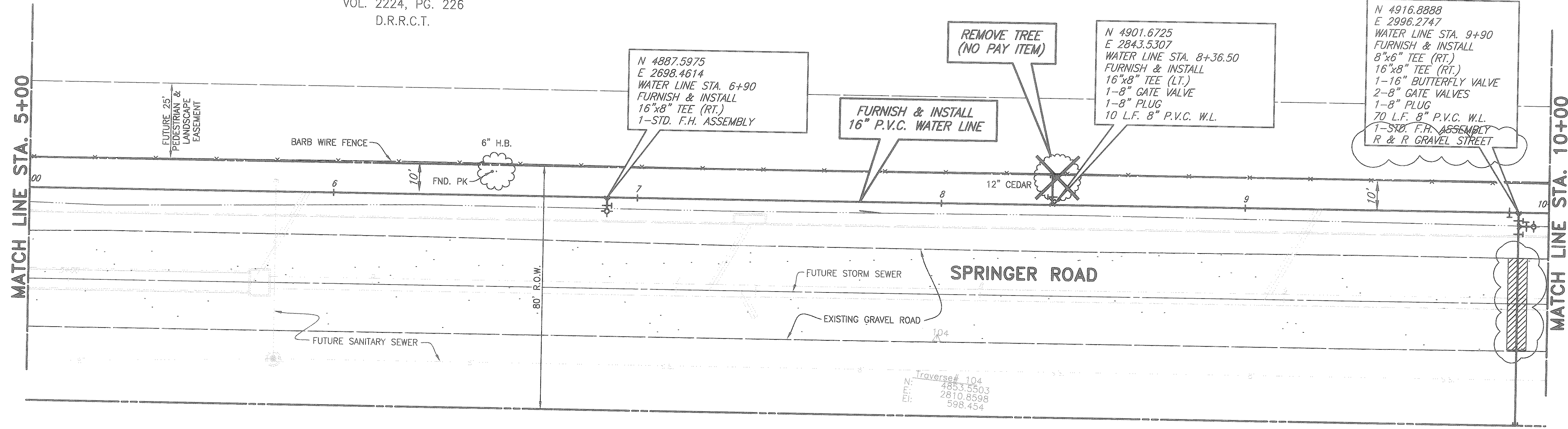


CITY OF ROCKWALL, TEXAS  
SPRINGER ROAD WATER LINE  
PLAN & PROFILE  
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BIRKHOFF, HENDRICKS & CONWAY, L.L.P.  
CONSULTING ENGINEERS  
Dallas, Texas

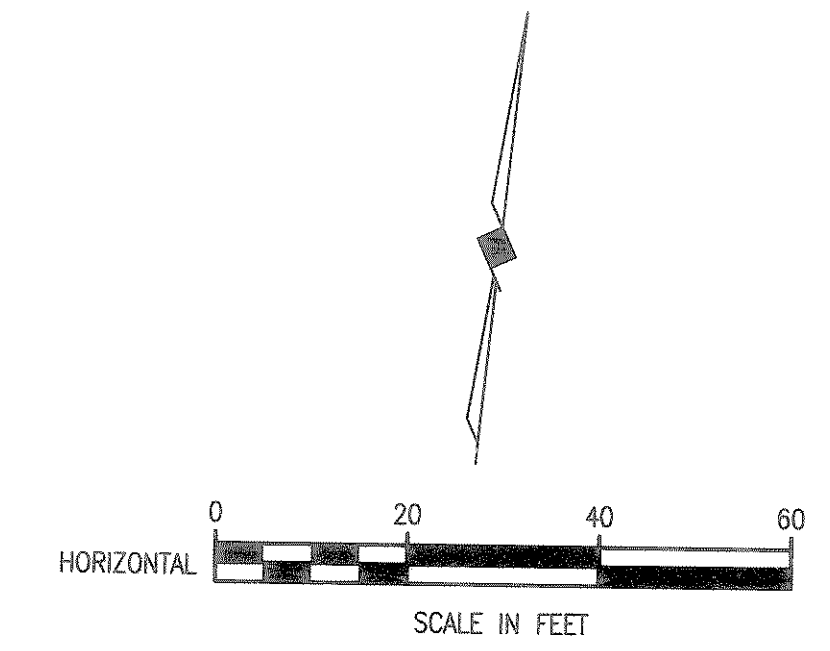
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DRAWN BY: B.H.C.	DATE: AUGUST, 2003	OF 10 SHEETS

ROCKWALL ECONOMIC  
DEVELOPMENT CORPORATION

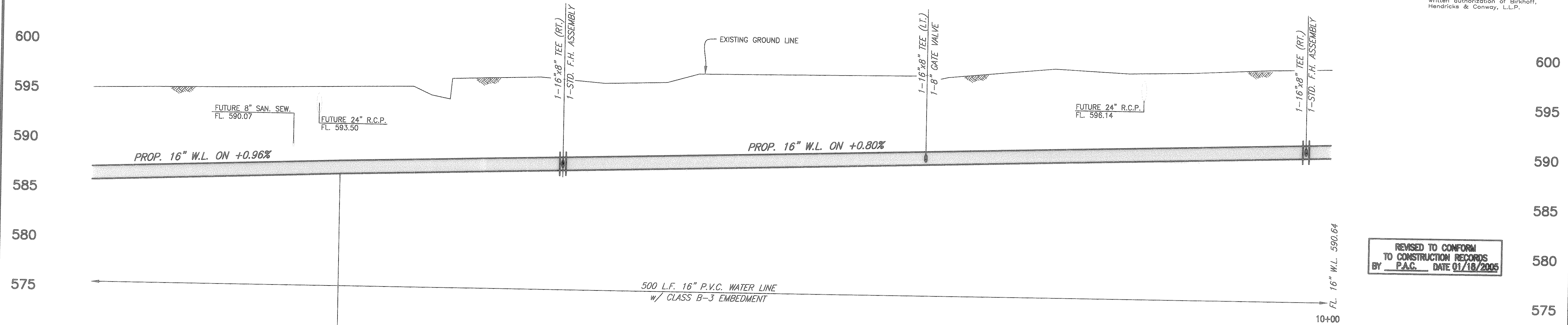
VOL. 2224, PG. 226  
D.R.R.C.T.



Traverse# 104  
N: 4853.5503  
E: 2810.8598  
El: 598.454



SCALE IN FEET  
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8/21/03 JLC  
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XREF: 01178sw-BASE, SPRINGER\_PROF

FL. 16" W.L. 586.46

P.V.I. STA. 6+00  
FL. 16" W.L. 587.42

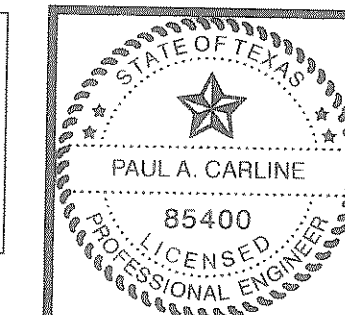
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CITY OF ROCKWALL, TEXAS

SPRINGER ROAD WATER LINE  
PLAN & PROFILE  
STA. 5+00 TO STA. 10+00

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.  
CONSULTING ENGINEERS  
Dallas, Texas

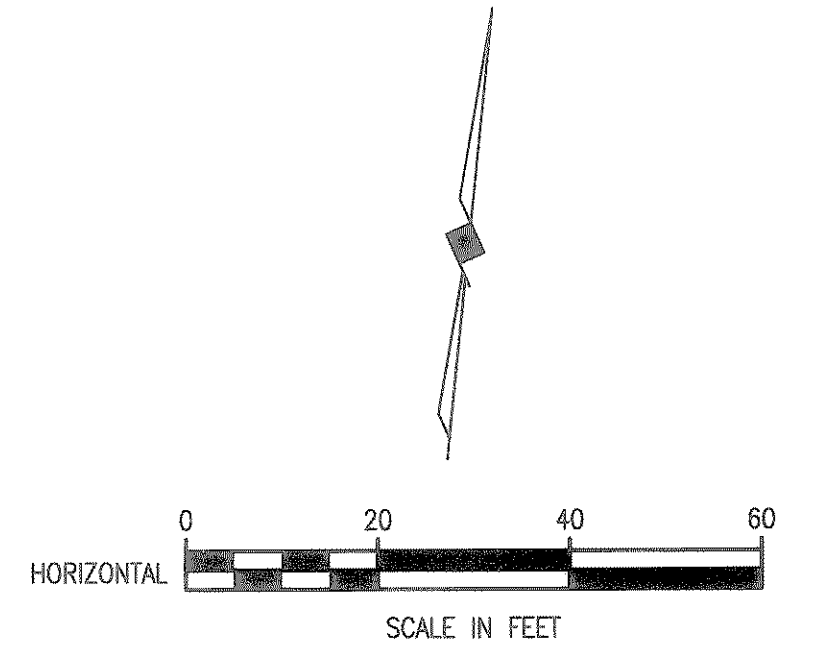
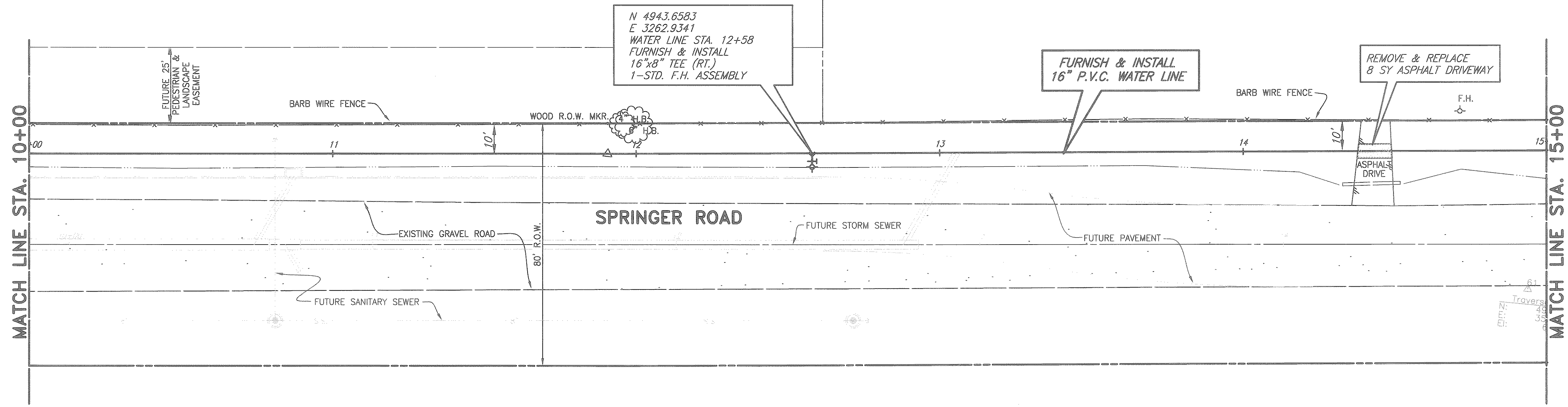
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THESE DOCUMENTS ARE FOR  
BIDDING, CONSTRUCTION,  
AND PERMIT PURPOSES.  
DATE: 8/22/03



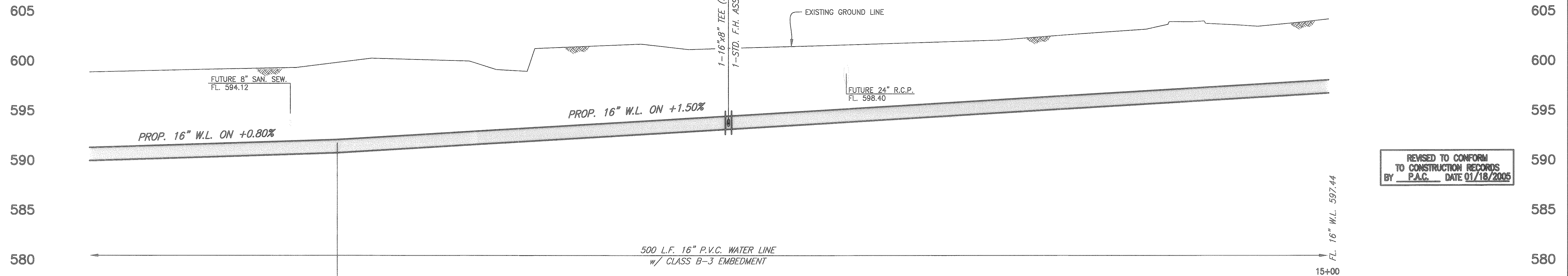
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DRAWN BY: B.H.C.	DATE: AUGUST, 2003	OF 10 SHEETS

ROCKWALL ECONOMIC  
DEVELOPMENT CORPORATION  
VOL. 2224, PG. 226  
D.R.R.C.T.

ROCKWALL ECONOMIC  
DEVELOPMENT CORPORATION  
VOL. 2224, PG. 226  
D.R.R.C.T.



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TO CONSTRUCTION RECORDS  
BY P.A.C. DATE 01/18/2005

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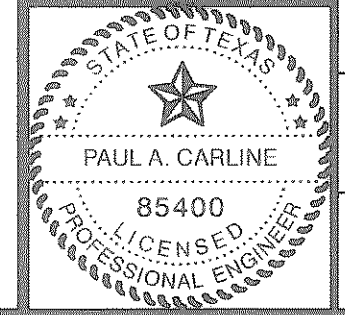
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10+00

P.V.L. STA. 11+00  
FL. 16" W.L. 591.44  
11

12

13

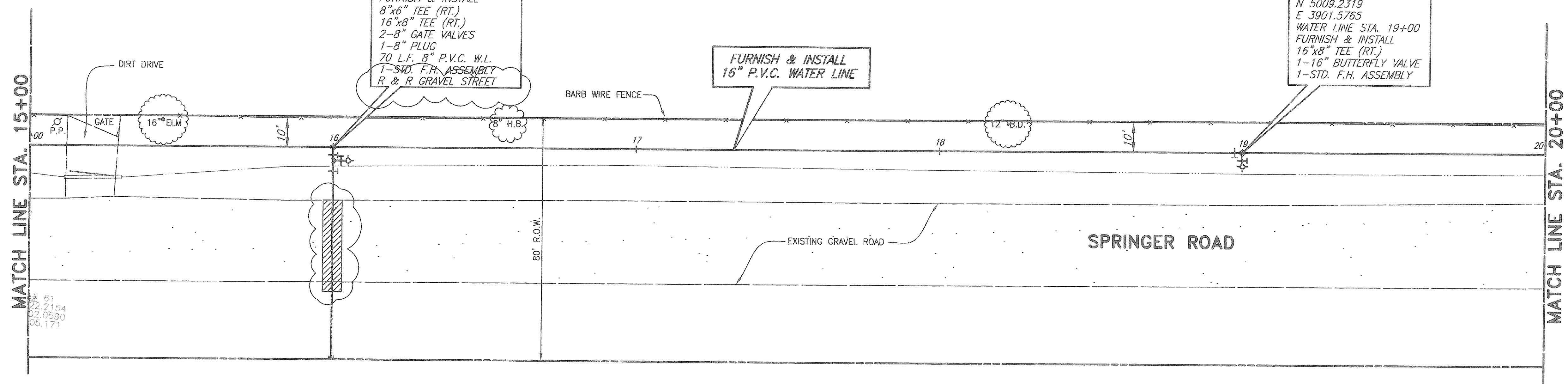
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THESE DOCUMENTS ARE FOR  
BIDDING, CONSTRUCTION,  
AND PERMIT PURPOSES.  
DATE: 8/22/03



<b>CITY OF ROCKWALL, TEXAS</b>		
SPRINGER ROAD WATER LINE PLAN & PROFILE STA. 10+00 TO STA. 15+00 BIRKHOFF, HENDRICKS & CONWAY, L.L.P. CONSULTING ENGINEERS Dallas, Texas		
DESIGNED BY: P.A.C.	PROJECT: 2001-178	SHEET NO. 3
DRAWN BY: B.H.C.	DATE: AUGUST, 2003	OF 10 SHEETS

ROCKWALL ECONOMIC  
DEVELOPMENT CORPORATION

VOL. 2224, PG. 226  
D.R.R.C.T.

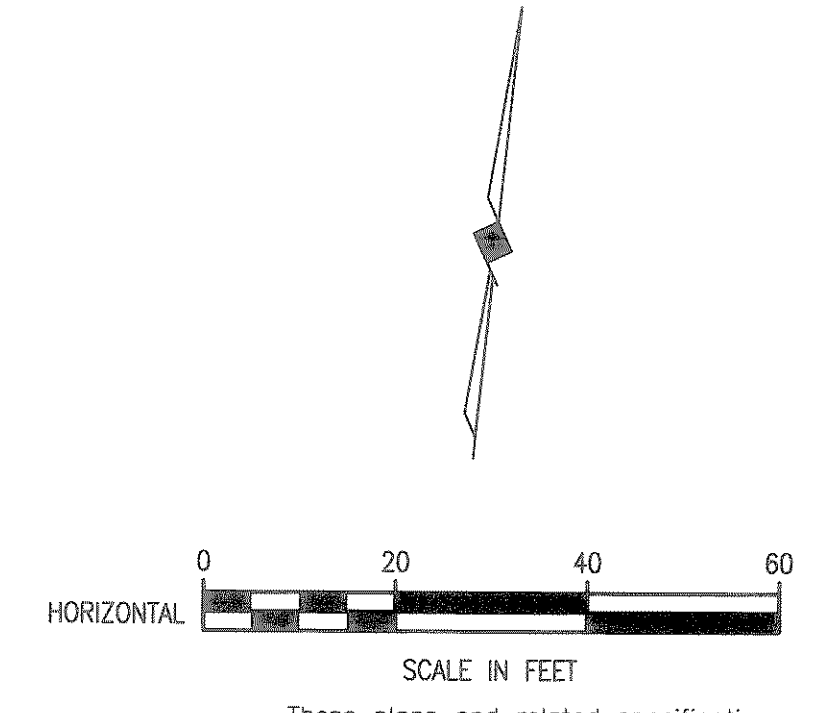


# 61  
22.2154  
02.0590  
05.171

N 4978.5900  
E 3603.1455  
WATER LINE STA. 16+00  
FURNISH & INSTALL  
8"x6" TEE (RT.)  
16"x8" TEE (RT.)  
2-8" GATE VALVES  
1-8" PLUG  
70 L.F. 8" P.V.C. W.L.  
1-STD. F.H. ASSEMBLY  
R & R GRAVEL STREET

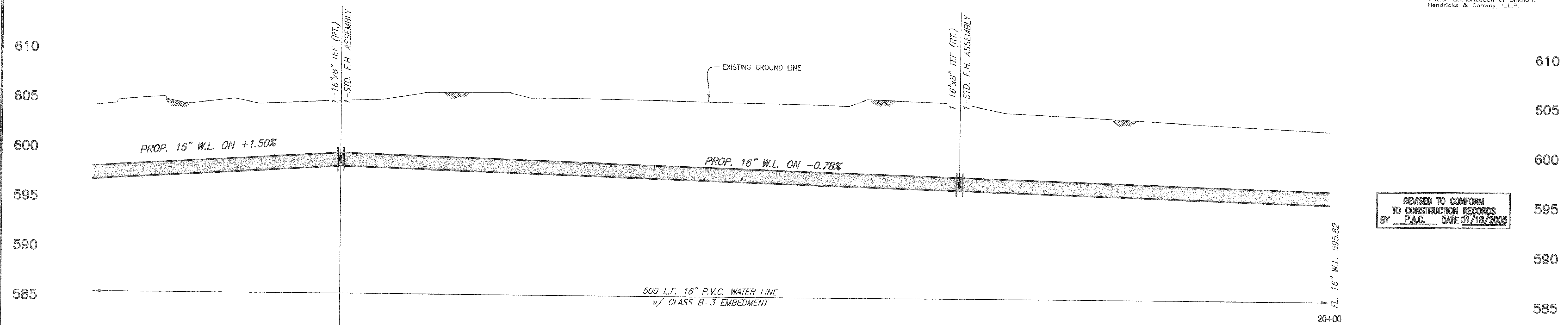
FURNISH & INSTALL  
16" P.V.C. WATER LINE

N 5009.2319  
E 3901.5765  
WATER LINE STA. 19+00  
FURNISH & INSTALL  
16"x8" TEE (RT.)  
1-16" BUTTERFLY VALVE  
1-STD. F.H. ASSEMBLY



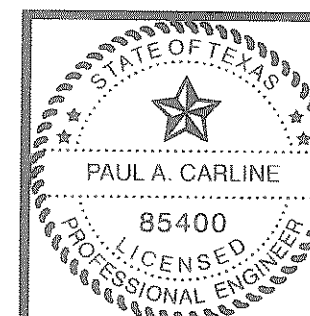
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8/21/03 slc H:\Projects\Rockwall\2001178\Springer\_Road\Sheets\2001178-S04.dwg FULL SCALE 1=20 XREF: 01178swl-BASE, SPRINGER\_PROF



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TO CONSTRUCTION RECORDS  
BY P.A.C. DATE 01/18/2005

19  
THESE DOCUMENTS ARE FOR  
BIDDING, CONSTRUCTION,  
AND PERMIT PURPOSES.  
DATE: 8/22/03



**CITY OF ROCKWALL, TEXAS**

SPRINGER ROAD WATER LINE  
**PLAN & PROFILE**  
STA. 15+00 TO STA. 20+00  
BIRKHOFF, HENDRICKS & CONWAY, L.L.P.  
CONSULTING ENGINEERS  
Dallas, Texas

DESIGNED BY: P.A.C.	PROJECT: 2001-178	SHEET NO. 4
DRAWN BY: B.H.C.	DATE: AUGUST, 2003	OF 10 SHEETS

11/12/03 JLC  
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 XREF: 01178sw-BASE, SPRINGER\_PROF

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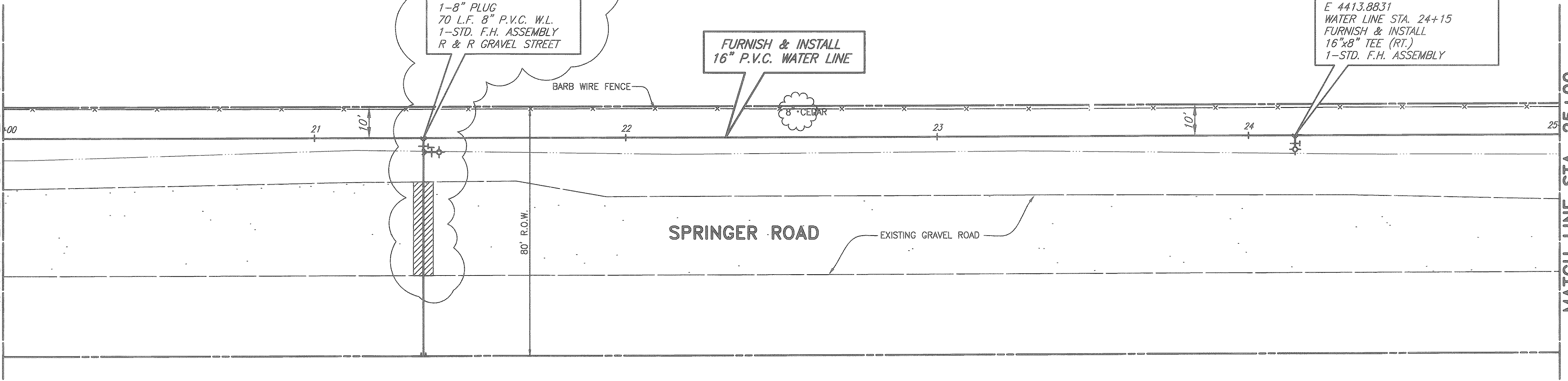
MATCH LINE STA. 25+00

**ROCKWALL ECONOMIC DEVELOPMENT CORPORATION**  
 VOL. 2224, PG. 226  
 D.R.R.C.T.

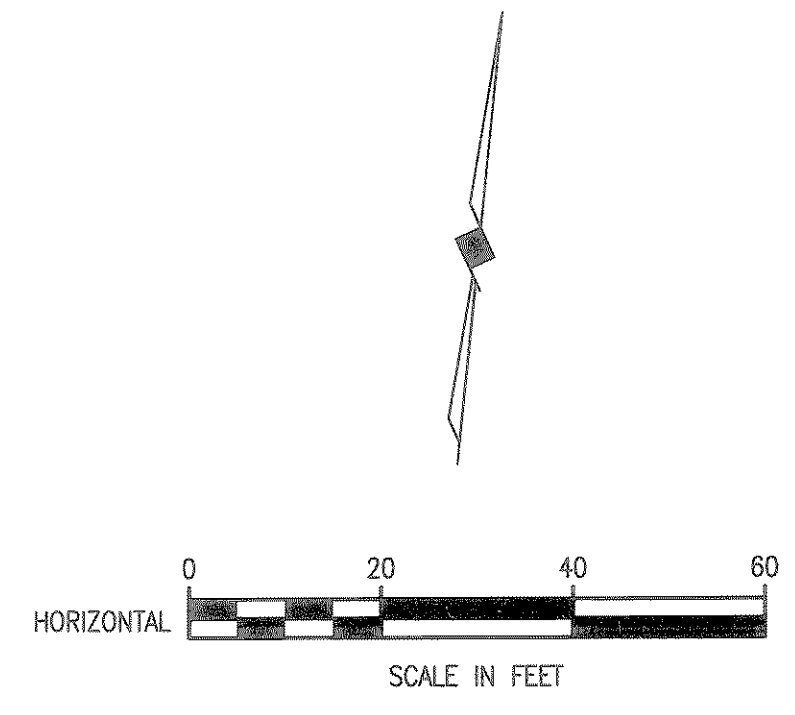
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 E 4135.3475  
 WATER LINE STA. 21+35  
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 16"x8" TEE (RT.)  
 2-8" GATE VALVE  
 1-8" PLUG  
 70 L.F. 8" P.V.C. W.L.  
 1-STD. F.H. ASSEMBLY  
 R & R GRAVEL STREET

FURNISH & INSTALL 16" P.V.C. WATER LINE

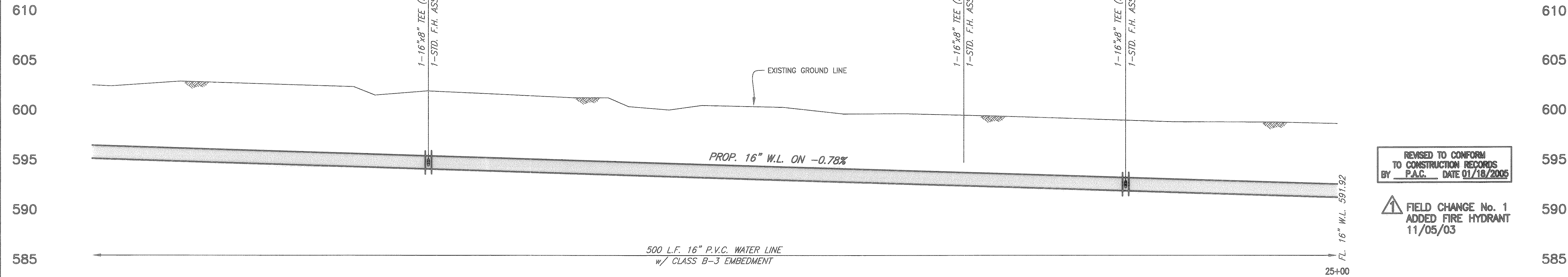
N 5061.8337  
 E 4413.8831  
 WATER LINE STA. 24+15  
 FURNISH & INSTALL  
 16"x8" TEE (RT.)  
 1-STD. F.H. ASSEMBLY



**COLIN-J PROPERTIES**  
 VOL. 1335, PG. 040  
 D.R.R.C.T.



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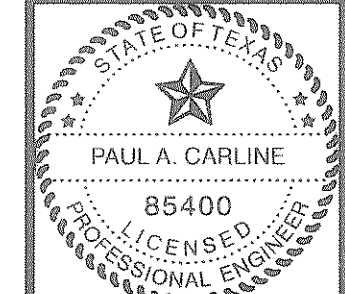
FIELD CHANGE No. 1  
 ADDED FIRE HYDRANT  
 11/05/03

**CITY OF ROCKWALL, TEXAS**

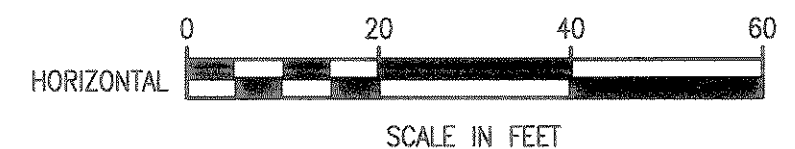
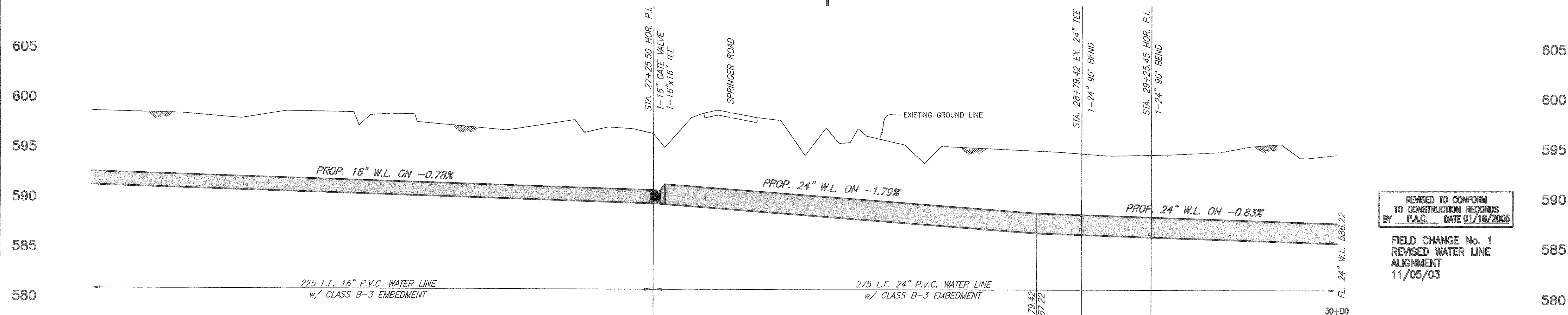
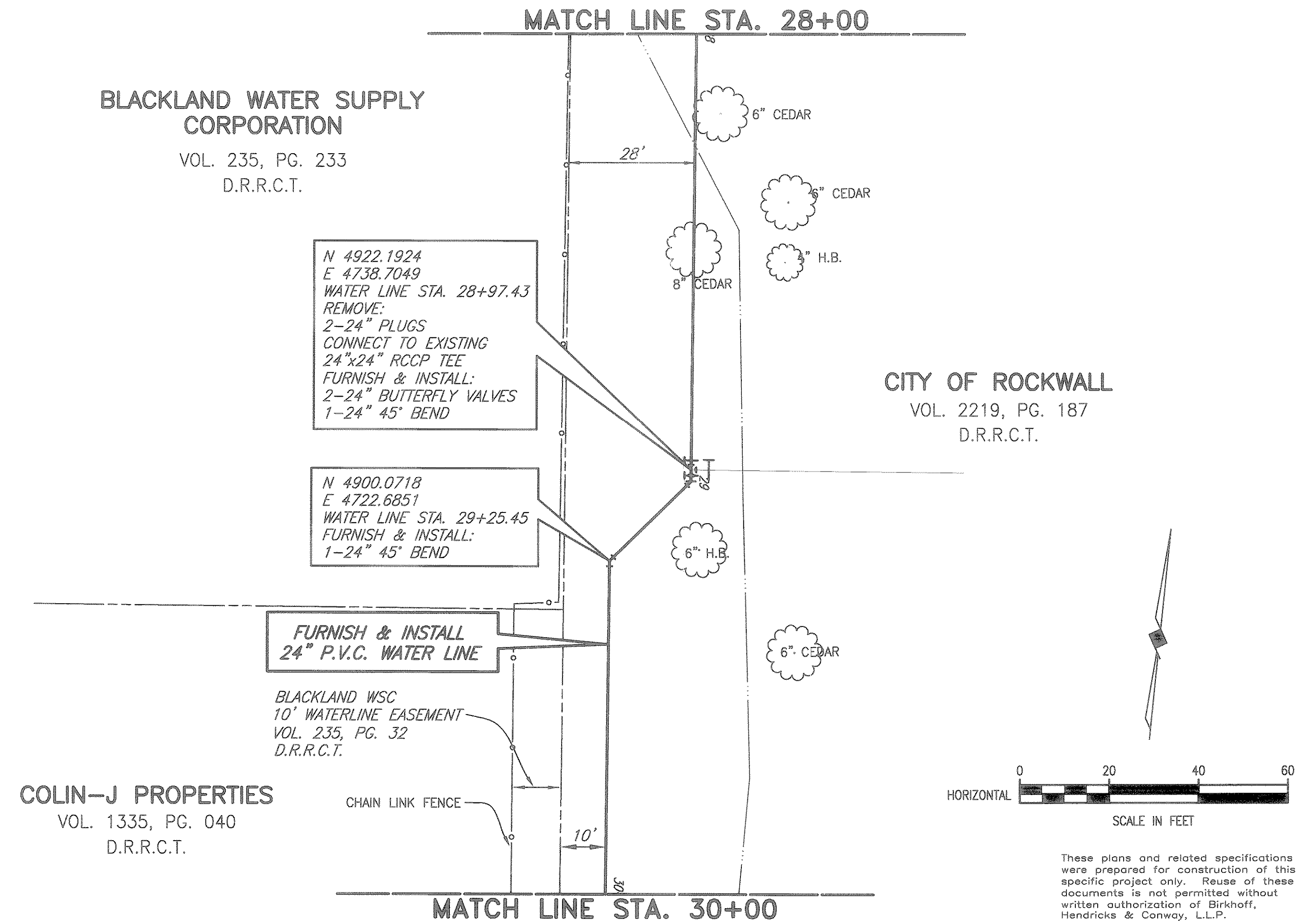
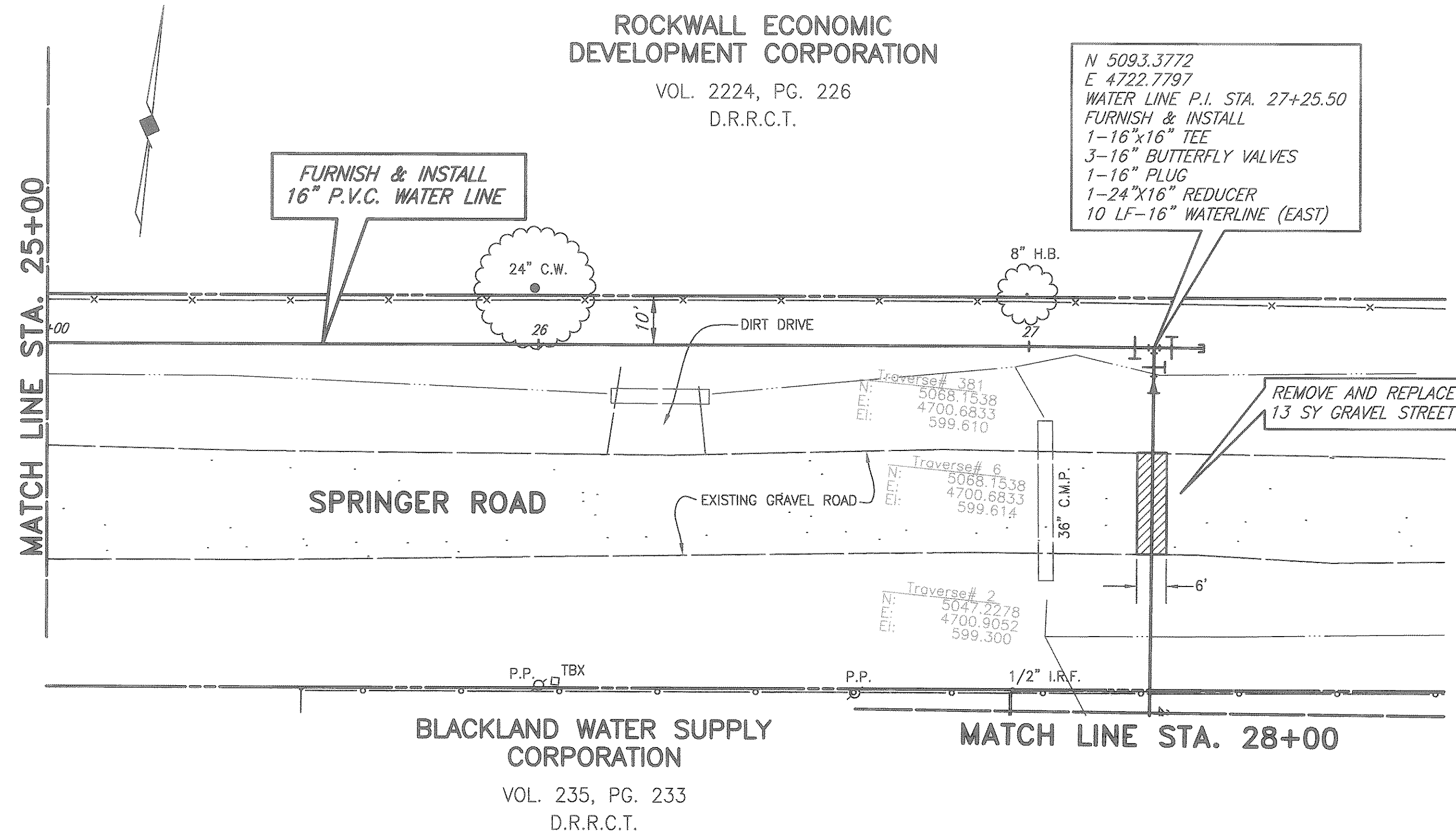
SPRINGER ROAD WATER LINE  
**PLAN & PROFILE**  
 STA. 20+00 TO STA. 25+00

**BIRKHOFF, HENDRICKS & CONWAY, L.L.P.**  
 CONSULTING ENGINEERS  
 Dallas, Texas

24  
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 DATE: 8/22/03



DESIGNED BY: P.A.C.	PROJECT: 2001-178	SHEET NO. 5
DRAWN BY: B.H.C.	DATE: NOVEMBER, 2003	OF 10 SHEETS



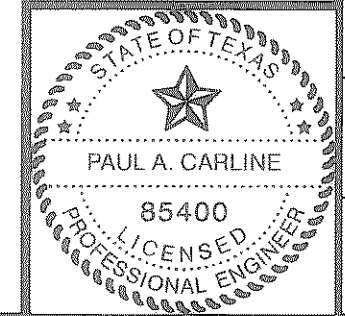
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REVISED TO CONFORM TO CONSTRUCTION RECORDS BY P.A.C. DATE 01/18/2005

FIELD CHANGE No. 1 REVISED WATER LINE ALIGNMENT 11/05/03

**CITY OF ROCKWALL, TEXAS**  
 SPRINGER ROAD WATER LINE  
 PLAN & PROFILE  
 STA. 25+00 TO STA. 30+00  
 BIRKHOFF, HENDRICKS & CONWAY, L.L.P.  
 CONSULTING ENGINEERS  
 Dallas, Texas

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.  
 DATE: 11/12/03



DESIGNED BY:	P.A.C.	PROJECT:	2001-178	SHEET NO.:	6
DRAWN BY:	B.H.C.	DATE:	NOVEMBER, 2003	OF 10 SHEETS	

11/12/03 jlc  
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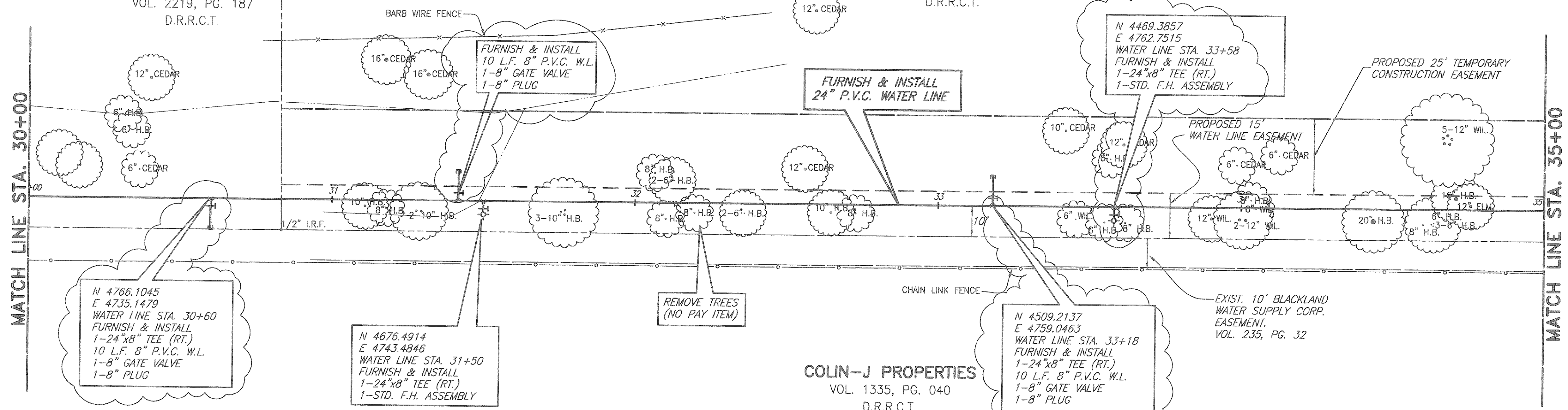
**COLIN-J PROPERTIES**

VOL. 2267, PG. 23  
VOL. 2288, PG. 77  
D.R.R.C.T.

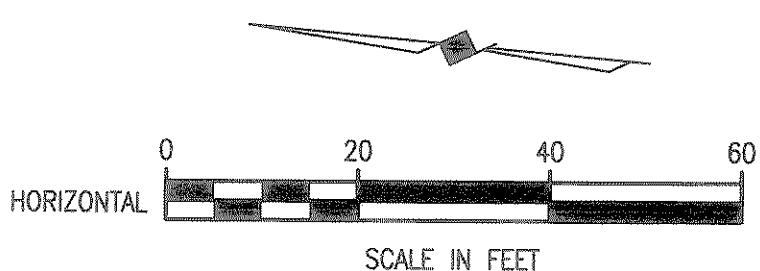
**CITY OF ROCKWALL**  
VOL. 2219, PG. 187  
D.R.R.C.T.

MATCH LINE STA. 30+00

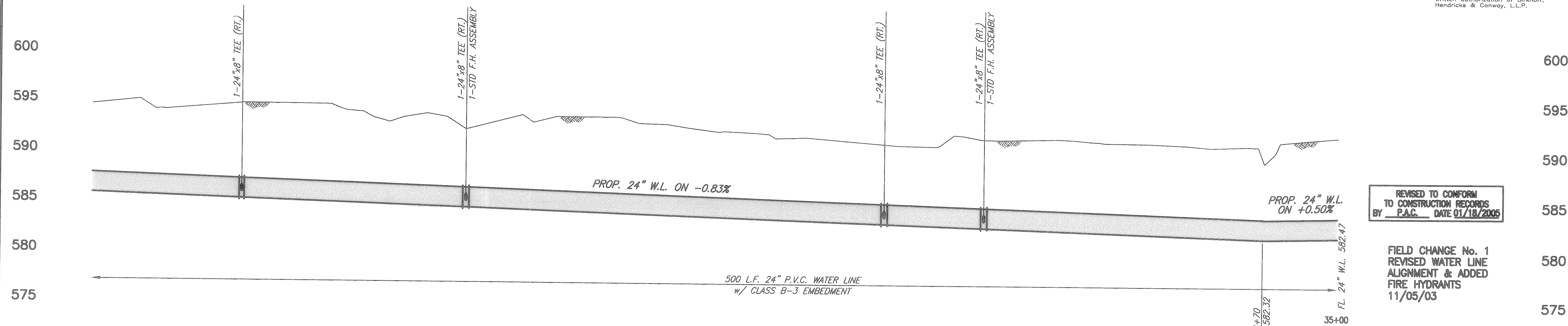
MATCH LINE STA. 35+00



**NOTE:**  
CONTRACTOR SHALL ONLY REMOVE TREES WITHIN THE PROPOSED 15' WATERLINE EASEMENT AS NECESSARY TO INSTALL THE WATERLINE. TREE REMOVAL SHALL BE COORDINATED WITH THE CITY OF ROCKWALL. TREE REMOVAL OUTSIDE OF THE 15' EASEMENT IS PROHIBITED.



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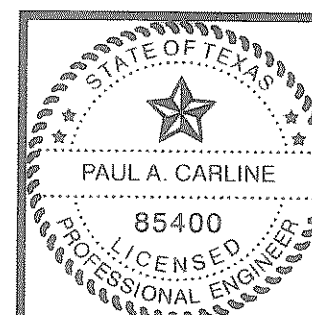
FIELD CHANGE No. 1  
REVISED WATER LINE ALIGNMENT & ADDED FIRE HYDRANTS  
11/05/03

**CITY OF ROCKWALL, TEXAS**

**SPRINGER ROAD WATER LINE  
PLAN & PROFILE  
STA. 30+00 TO STA. 35+00**

**BIRKHOFF, HENDRICKS & CONWAY, L.L.P.**  
CONSULTING ENGINEERS  
Dallas, Texas

34  
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.  
DATE: 11/12/03



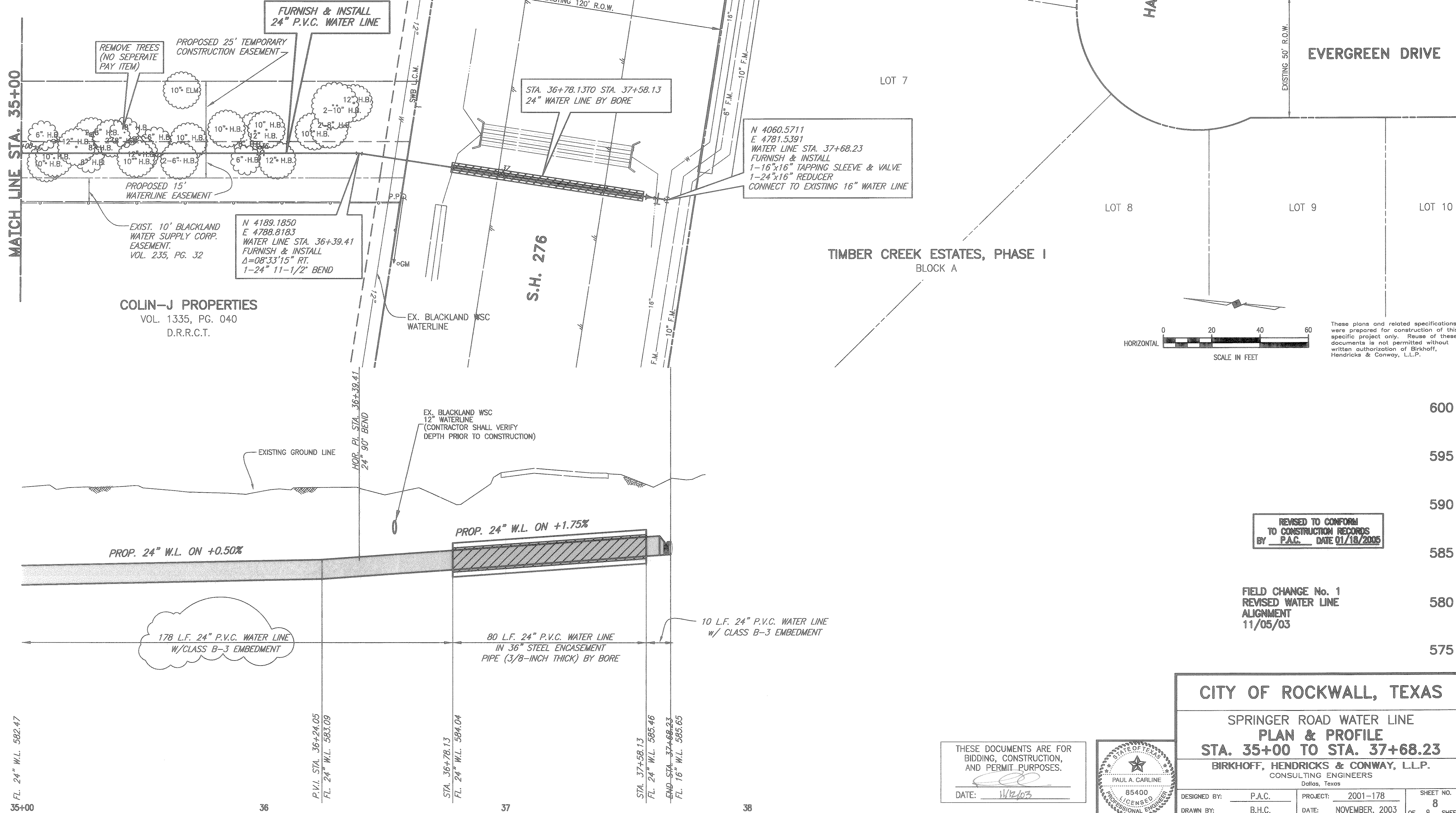
DESIGNED BY: P.A.C.	PROJECT: 2001-178	SHEET NO. 7
DRAWN BY: B.H.C.	DATE: NOVEMBER, 2003	OF 9 SHEETS

11/24/03 CAG H:\Projects\Rockwall\2001178\Springer\_Road\Sheet\2001178-507R\DWG XREF: 01178swl-BASE, SPRINGER\_PROF FULL SCALE 1=20

**NOTE:**  
 CONTRACTOR SHALL ONLY REMOVE TREES WITHIN THE PROPOSED 15' WATERLINE EASEMENT AS NECESSARY TO INSTALL THE WATERLINE. TREE REMOVAL SHALL BE COORDINATED WITH THE CITY OF ROCKWALL. TREE REMOVAL OUTSIDE OF THE 15' EASEMENT IS PROHIBITED.

**COLIN-J PROPERTIES**

VOL. 2267, PG. 23  
 VOL. 2288, PG. 77  
 D.R.R.C.T.

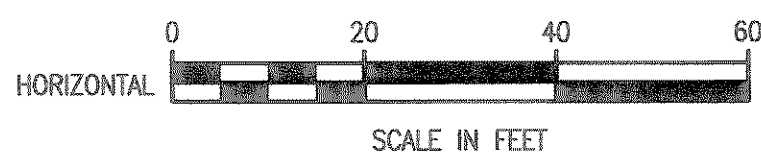


N 4060.5711  
 E 4781.5391  
 WATER LINE STA. 37+68.23  
 FURNISH & INSTALL  
 1-16"x16" TAPPING SLEEVE & VALVE  
 1-24"x16" REDUCER  
 CONNECT TO EXISTING 16" WATER LINE

N 4189.1850  
 E 4788.8183  
 WATER LINE STA. 36+39.41  
 FURNISH & INSTALL  
 Δ=08°33'15" RT.  
 1-24" 11-1/2" BEND

REVISED TO CONFORM  
 TO CONSTRUCTION RECORDS  
 BY P.A.C. DATE 01/18/2005

FIELD CHANGE No. 1  
 REVISED WATER LINE  
 ALIGNMENT  
 11/05/03



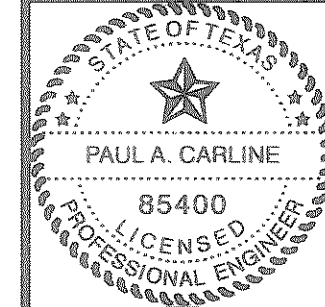
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**CITY OF ROCKWALL, TEXAS**

SPRINGER ROAD WATER LINE  
**PLAN & PROFILE**  
 STA. 35+00 TO STA. 37+68.23

**BIRKHOFF, HENDRICKS & CONWAY, L.L.P.**  
 CONSULTING ENGINEERS  
 Dallas, Texas

THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.  
 DATE: 11/2/03

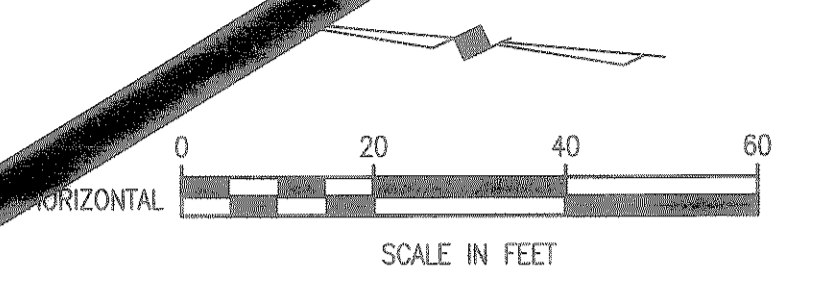
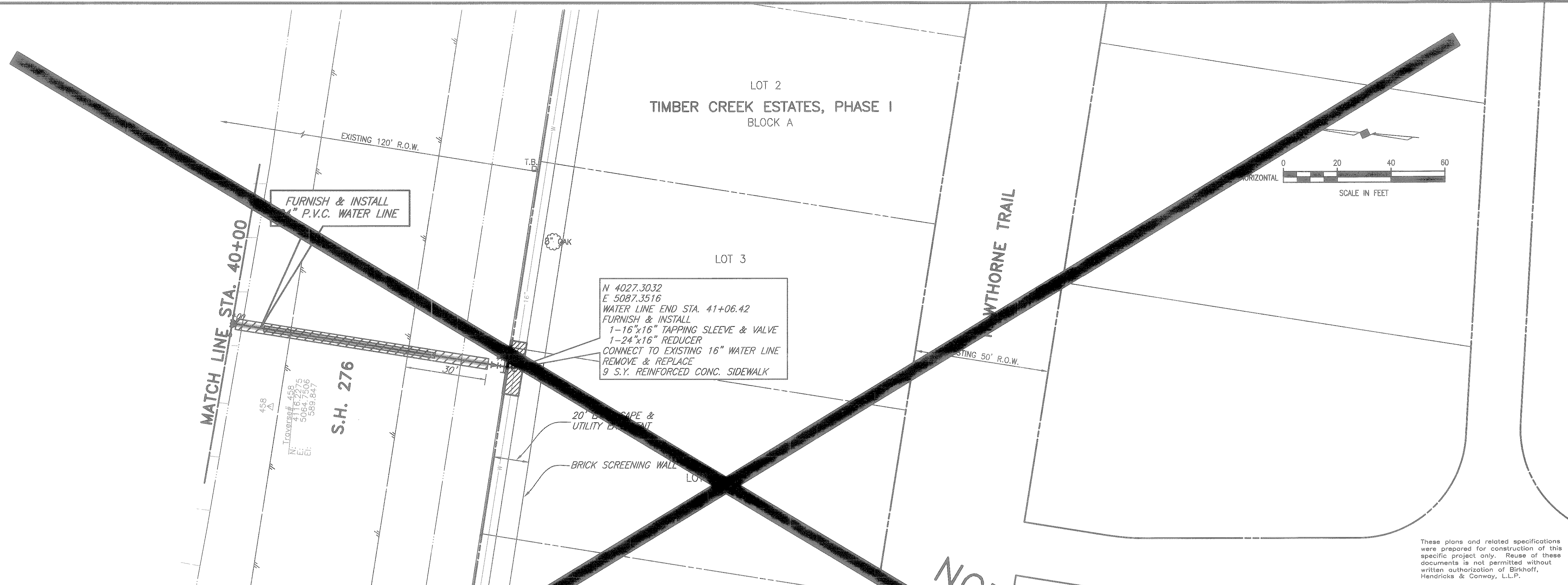


DESIGNED BY: P.A.C.	PROJECT: 2001-178	SHEET NO. 8
DRAWN BY: B.H.C.	DATE: NOVEMBER, 2003	OF 9 SHEETS

11/12/03 .JLC  
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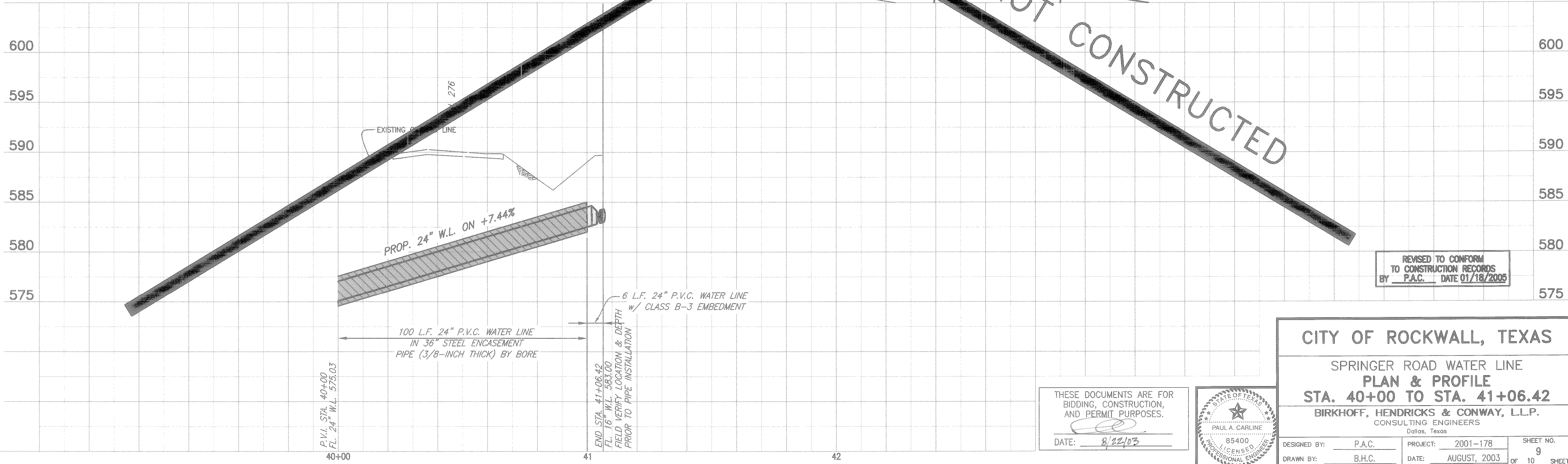


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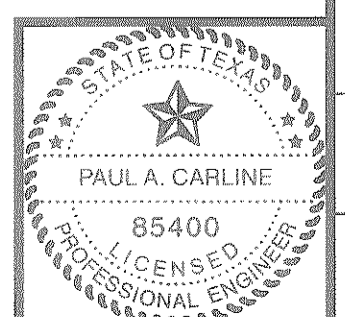
**NOT CONSTRUCTED**



REVISED TO CONFORM TO CONSTRUCTION RECORDS BY P.A.C. DATE 01/18/2005

**CITY OF ROCKWALL, TEXAS**  
SPRINGER ROAD WATER LINE  
**PLAN & PROFILE**  
STA. 40+00 TO STA. 41+06.42  
BIRKHOFF, HENDRICKS & CONWAY, L.L.P.  
CONSULTING ENGINEERS  
Dallas, Texas

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DATE: 8/22/03



DESIGNED BY: P.A.C. PROJECT: 2001-178 SHEET NO. 9  
DRAWN BY: B.H.C. DATE: AUGUST, 2003 OF 10 SHEETS