

PLOTTED BY: GCEKU ON 4/9/2008
 PLOT STYLE: 11x17.ctb
 PLOT SCALE: 1:2
 H:\Projects\Rockwall\2006150\Sheets\Lofland Circle\06150-01.dwg
 REVISED: 4/9/08 - GCEKU

CITY OF ROCKWALL, TEXAS

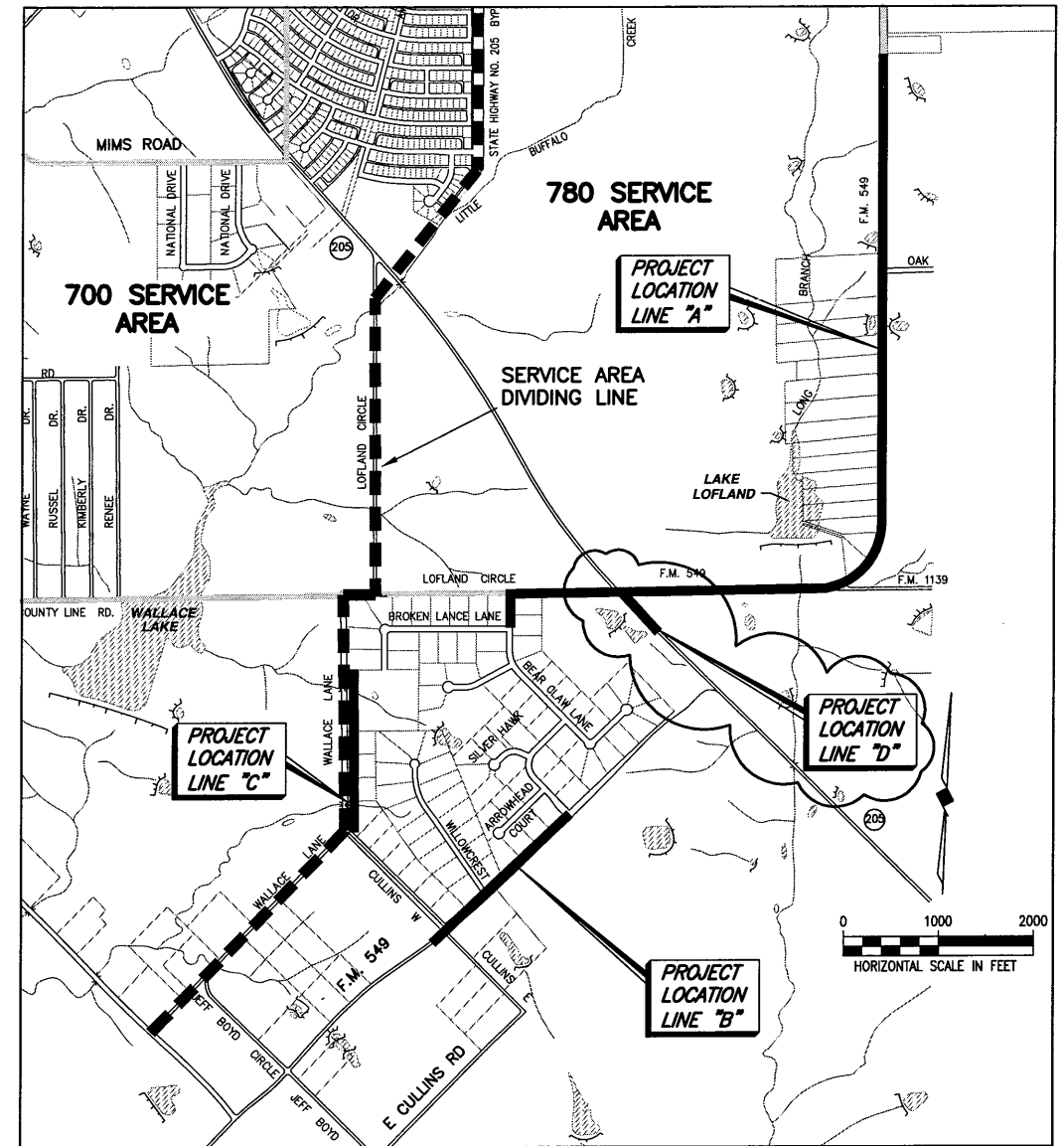
CONSTRUCTION PLANS FOR:

780 SERVICE AREA F.M. 549 WATER LINE IMPROVEMENTS



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

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 BY PAC DATE 4/10/08



LOCATION MAP

SHEET INDEX

SHEET NO.	SHEET DESCRIPTION	SHEET DESCRIPTION
1	COVER SHEET AND LOCATION MAP	
2	LINE A PLAN- PROFILE STA. 0+00 TO STA. 5+00	16 LINE A PLAN- PROFILE STA. 70+00 TO STA. 75+00
3	LINE A PLAN- PROFILE STA. 5+00 TO STA. 10+00	17 LINE A PLAN- PROFILE STA. 75+00 TO STA. 80+00
4	LINE A PLAN- PROFILE STA. 10+00 TO STA. 15+00	18 LINE A PLAN- PROFILE STA. 80+00 TO STA. 85+00
5	LINE A PLAN- PROFILE STA. 15+00 TO STA. 20+00	19 LINE A PLAN- PROFILE STA. 85+00 TO STA. 90+00
6	LINE A PLAN- PROFILE STA. 20+00 TO STA. 25+00	20 LINE A PLAN- PROFILE STA. 90+00 TO STA. 95+44.68
7	LINE A PLAN- PROFILE STA. 25+00 TO STA. 30+00	21 LINE B PLAN- PROFILE STA. 26+10 TO STA. 30+00
8	LINE A PLAN- PROFILE STA. 30+00 TO STA. 35+00	22 LINE B PLAN- PROFILE STA. 30+00 TO STA. 35+00
9	LINE A PLAN- PROFILE STA. 35+00 TO STA. 40+00	23 LINE B PLAN- PROFILE STA. 35+00 TO STA. 40+00
10	LINE A PLAN- PROFILE STA. 40+00 TO STA. 45+00	24 LINE B PLAN- PROFILE STA. 40+00 TO STA. 45+72.98
11	LINE A PLAN- PROFILE STA. 45+00 TO STA. 50+00	25 LINE C PLAN- PROFILE STA. 0+00 TO STA. 5+00
12	LINE A PLAN- PROFILE STA. 50+00 TO STA. 55+00	26 LINE C PLAN- PROFILE STA. 5+10 TO STA. 10+00
13	LINE A PLAN- PROFILE STA. 55+00 TO STA. 60+00	27 LINE C PLAN- PROFILE STA. 10+00 TO STA. 15+00
14	LINE A PLAN- PROFILE STA. 60+00 TO STA. 65+00	28 LINE C PLAN- PROFILE STA. 15+00 TO STA. 16+32.21
15	LINE A PLAN- PROFILE STA. 65+00 TO STA. 70+00	29 NOTES AND DETAILS
		30 LINE D PLAN- PROFILE STA. 0+00 TO STA. 5+00
		31 LINE D PLAN- PROFILE STA. 5+10 TO STA. 7+25

COUNCIL MEMBERS

BILL CECIL, MAYOR
 MATT SCOTT
 DAVID SWEET
 STEPHEN STRAUGHAN
 GLEN FERRIS
 CLIFFORD "CLIFF" SEVIER
 MARGO NIELSEN

CITY MANAGER

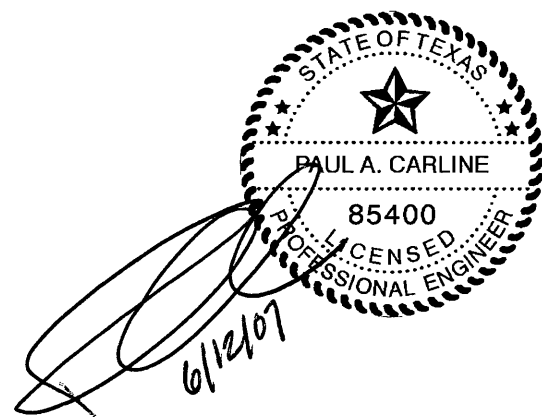
JULIE COUCH

ASSISTANT CITY MANAGER

RICK CROWLEY

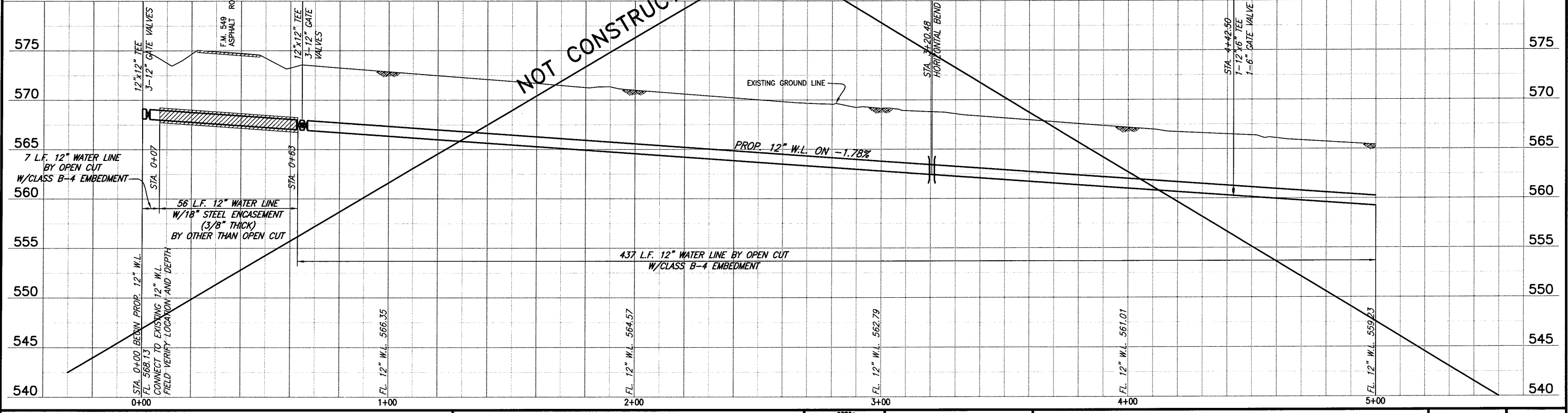
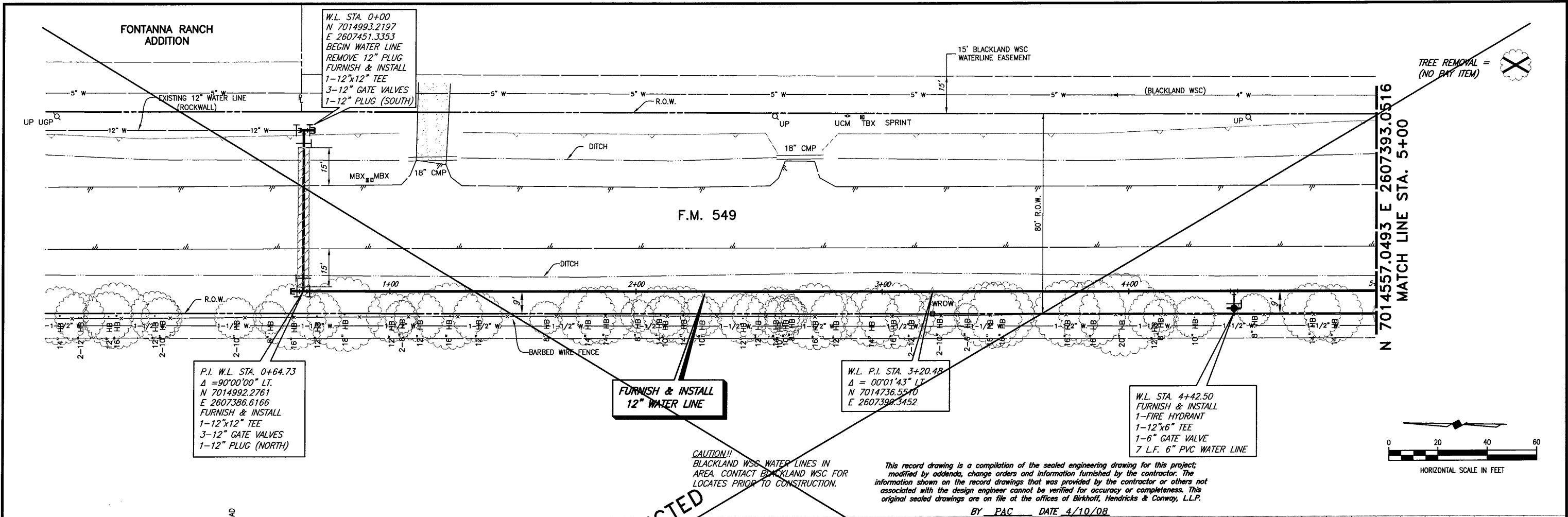
CITY ENGINEER

CHUCK TODD, P.E.



JUNE, 2007

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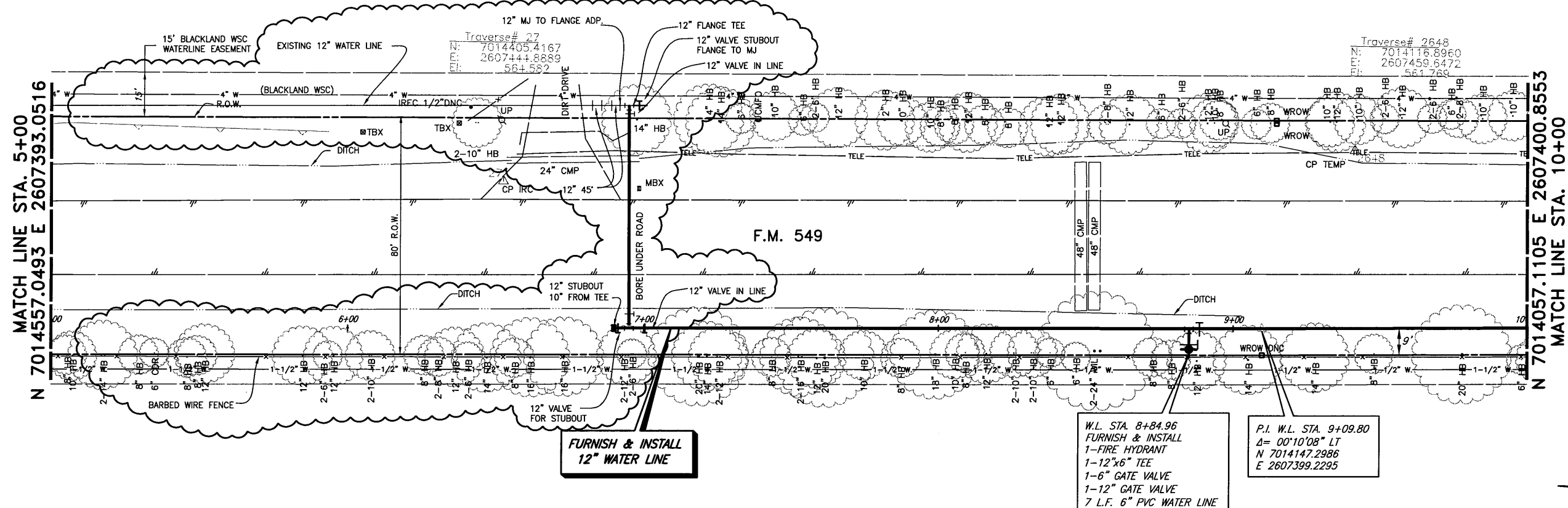
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CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 0+00 TO STA. 5+00

BHC
 PROJECT NO.
 2006-150
 June, 2007

SHEET NO.
2

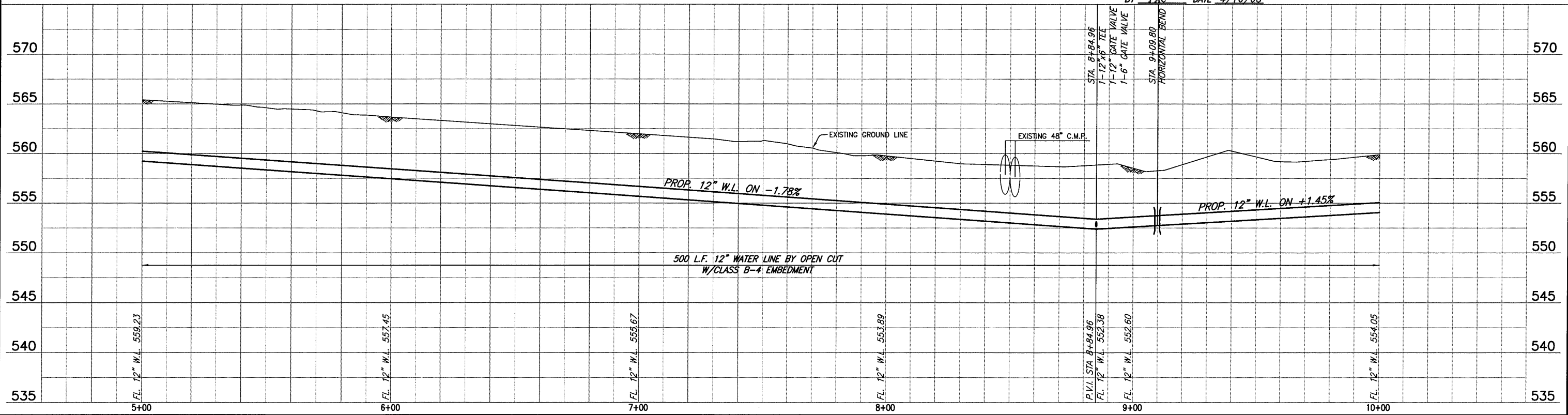
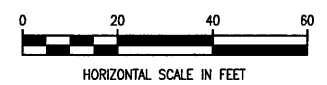
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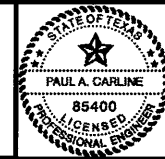
TREE REMOVAL = (NO PAY ITEM)

CAUTION!!
BLACKLAND WSC WATER LINES IN AREA. CONTACT BLACKLAND WSC FOR LOCATES PRIOR TO CONSTRUCTION.

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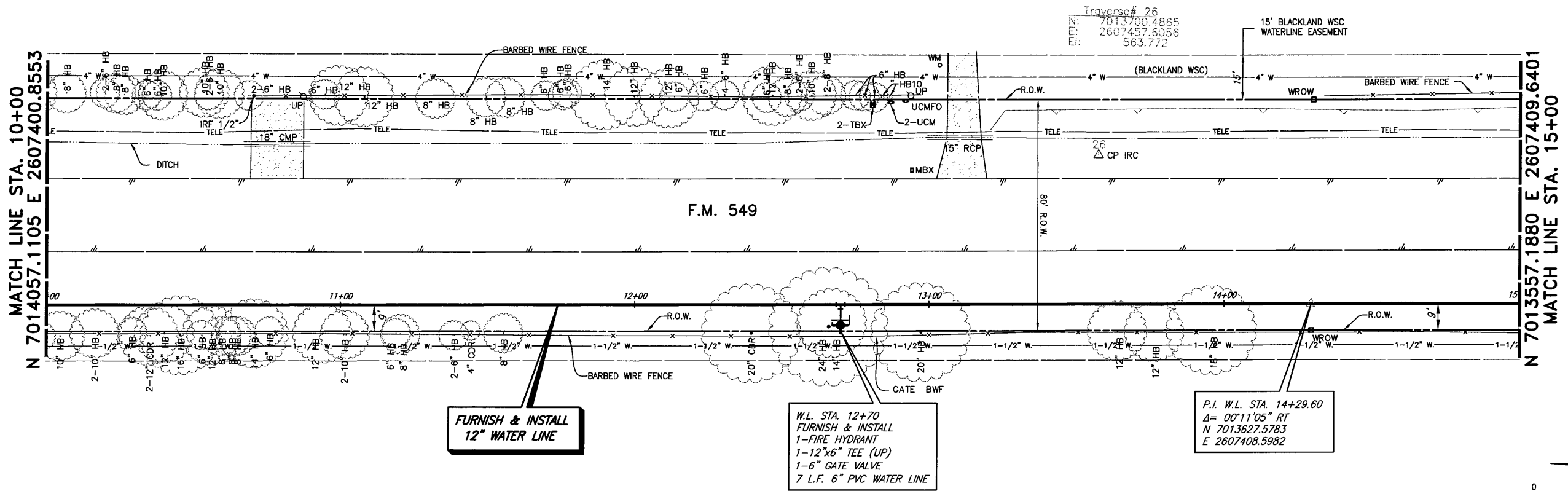


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DATE: 4/10/08

CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 5+00 TO STA. 10+00

BHC PROJECT NO. 2006-150
April, 2008
SHEET NO. 3

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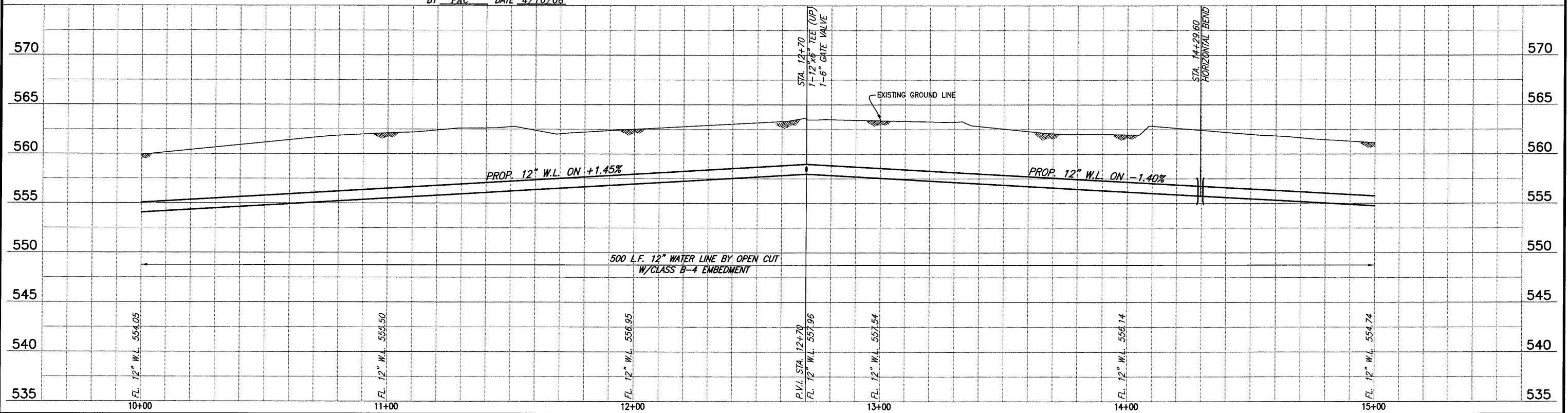
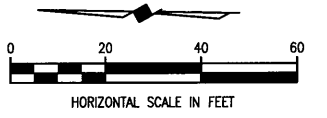
**FURNISH & INSTALL
12" WATER LINE**

W.L. STA. 12+70
FURNISH & INSTALL
1-FIRE HYDRANT
1-12"x6" TEE (UP)
1-6" GATE VALVE
7 L.F. 6" PVC WATER LINE

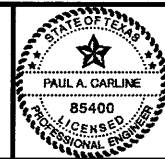
P.I. W.L. STA. 14+29.60
Δ= 00°11'05" RT
N 7013627.5783
E 2607408.5982

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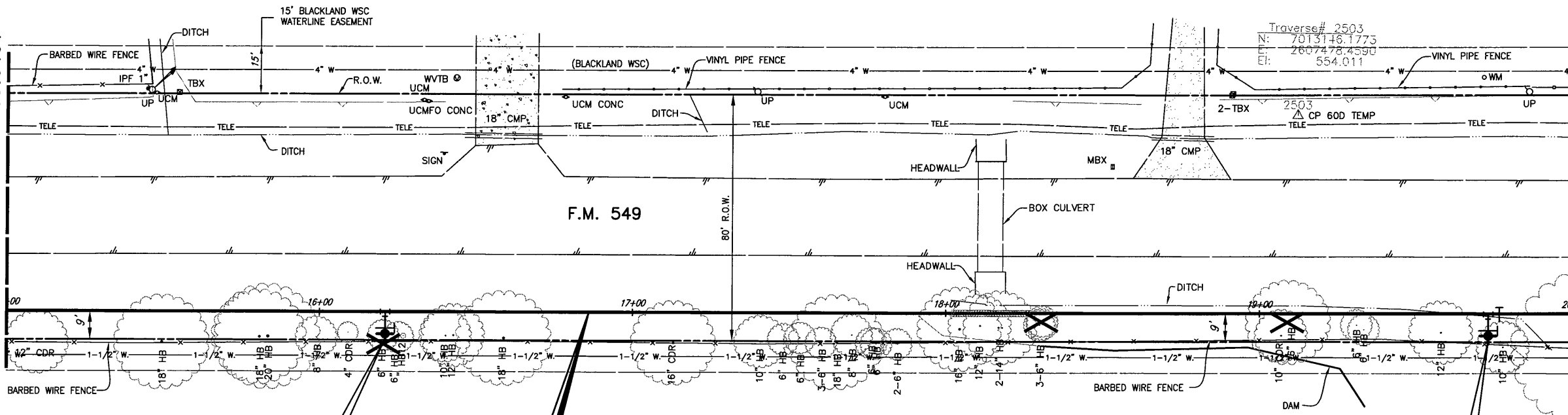
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CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 10+00 TO STA. 15+00

BHC PROJECT NO. 2006-150
June, 2007
SHEET NO. 4

MATCH LINE STA. 15+00
N 7013557.1880 E 2607409.6401

MATCH LINE STA. 20+00
N 7013057.2427 E 2607417.0400



W.L. STA. 16+21
FURNISH & INSTALL
1-FIRE HYDRANT
1-12"x6" TEE
1-6" GATE VALVE
7 L.F. 6" PVC WATER LINE

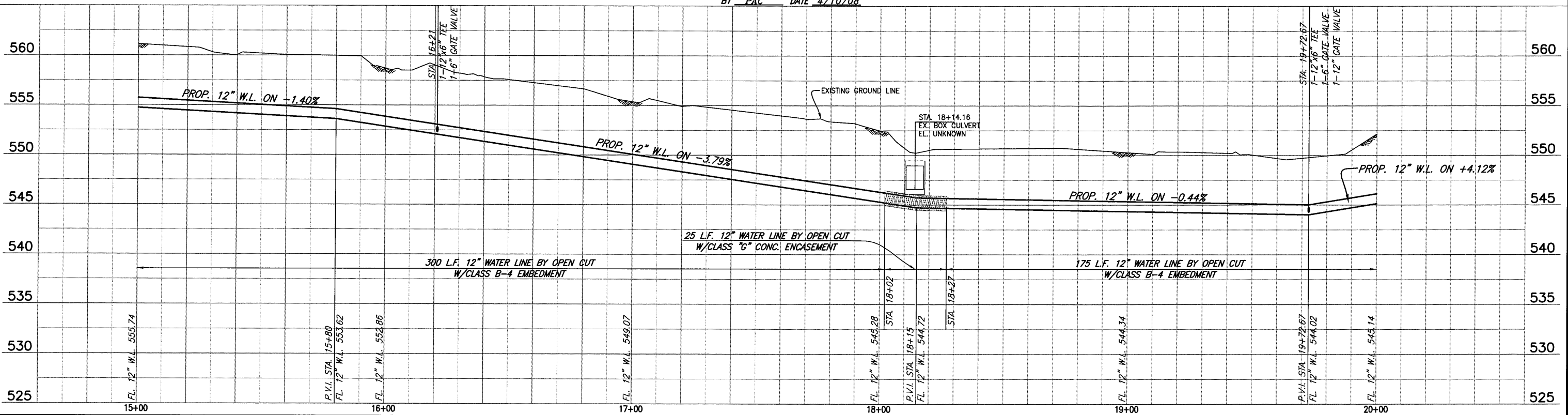
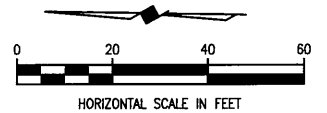
FURNISH & INSTALL
12" WATER LINE

W.L. STA. 19+72.67
FURNISH & INSTALL
1-FIRE HYDRANT
1-12"x6" TEE
1-6" GATE VALVE
1-12" GATE VALVE
7 L.F. 6" PVC WATER LINE

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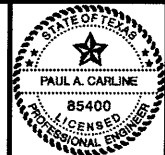
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CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 15+00 TO STA. 20+00

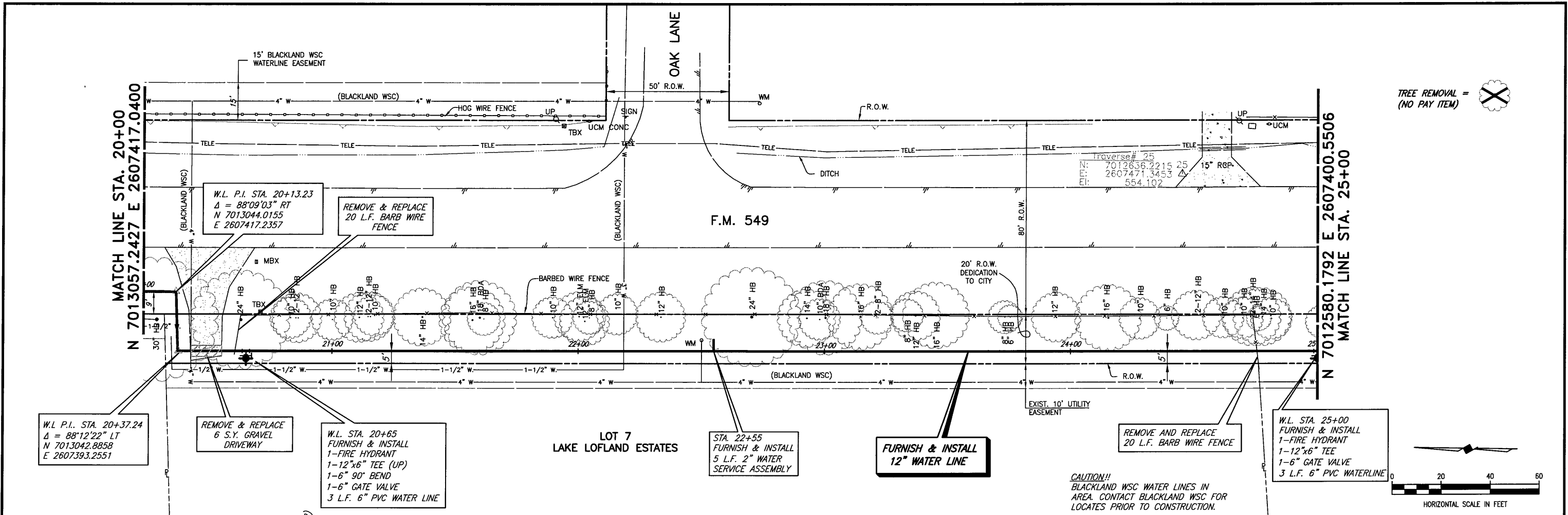
BHC
PROJECT NO.
2006-150
June, 2007

SHEET NO.
5

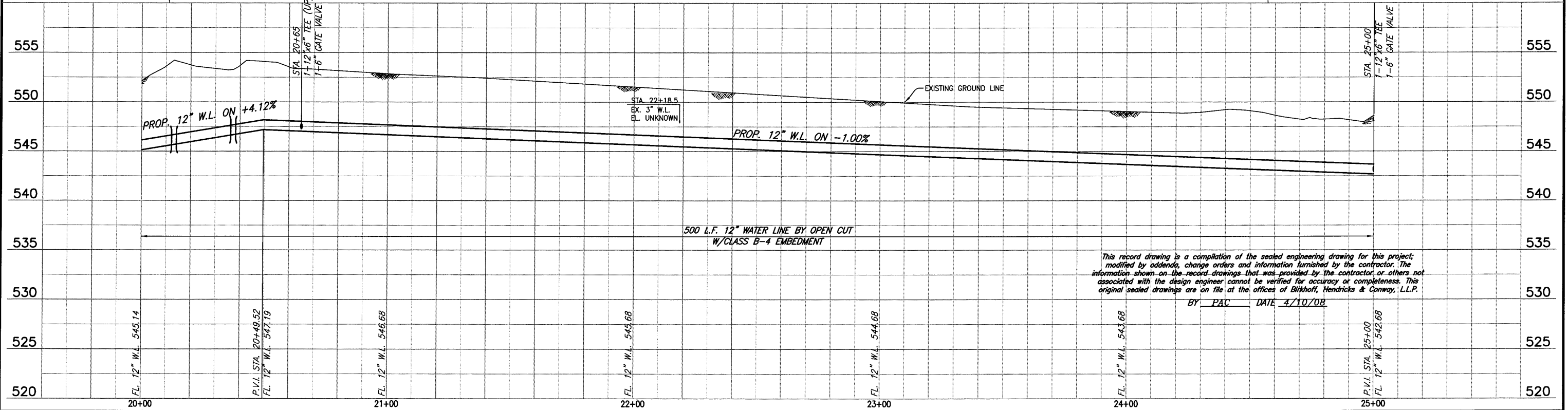
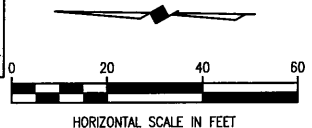
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MATCH LINE STA. 20+00
N 7013057.2427 E 2607417.0400

MATCH LINE STA. 25+00
N 7012580.1792 E 2607400.5506



TREE REMOVAL = (NO PAY ITEM)



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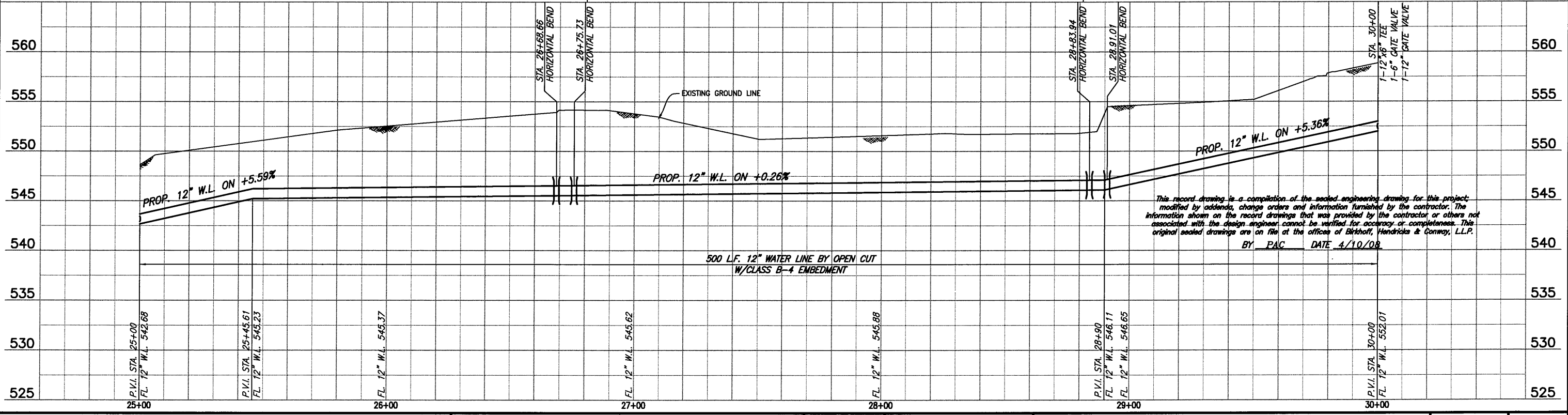
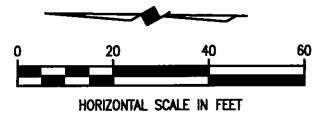
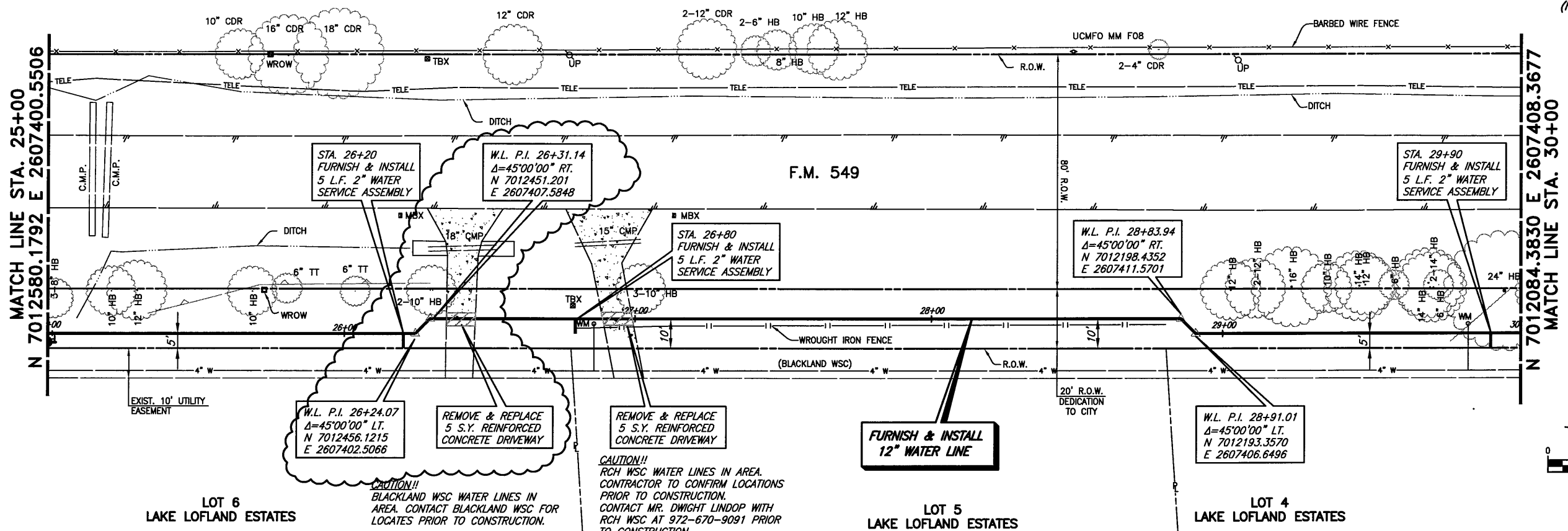


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CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 20+00 TO STA. 25+00

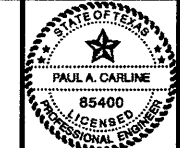
BHC
PROJECT NO.
2006-150
June, 2007
SHEET NO.
6

TREE REMOVAL =  (NO PAY ITEM)



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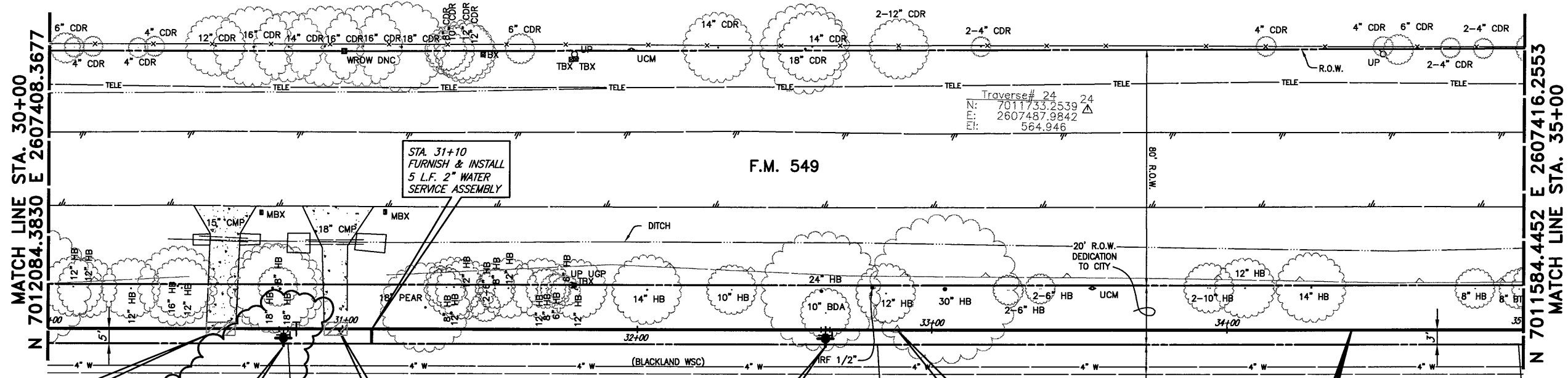
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 DATE: 4/12/08

CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 25+00 TO STA. 30+00

BHC PROJECT NO. 2006-150
 April, 2008
 SHEET NO. 7

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TREE REMOVAL =  (NO PAY ITEM)



LOT 4 LAKE LOFLAND ESTATES

REMOVE & REPLACE 5 S.Y. REINFORCED CONCRETE DRIVEWAY

W.L. STA. 30+80 FURNISH & INSTALL 1-FIRE HYDRANT 1-12"x6" TEE 1-12" GATE VALVE 1-6" GATE VALVE 3 L.F. 6" PVC WATER LINE

REMOVE & REPLACE 4 S.Y. REINFORCED CONCRETE DRIVEWAY

CAUTION!! BLACKLAND WSC WATER LINES IN AREA. CONTACT BLACKLAND WSC FOR LOCATES PRIOR TO CONSTRUCTION.

LOT 3 LAKE LOFLAND ESTATES

CAUTION!! RCH WSC WATER LINES IN AREA. CONTRACTOR TO CONFIRM LOCATIONS PRIOR TO CONSTRUCTION. CONTACT MR. DWIGHT LINDOP WITH RCH WSC AT 972-670-9091 PRIOR TO CONSTRUCTION.

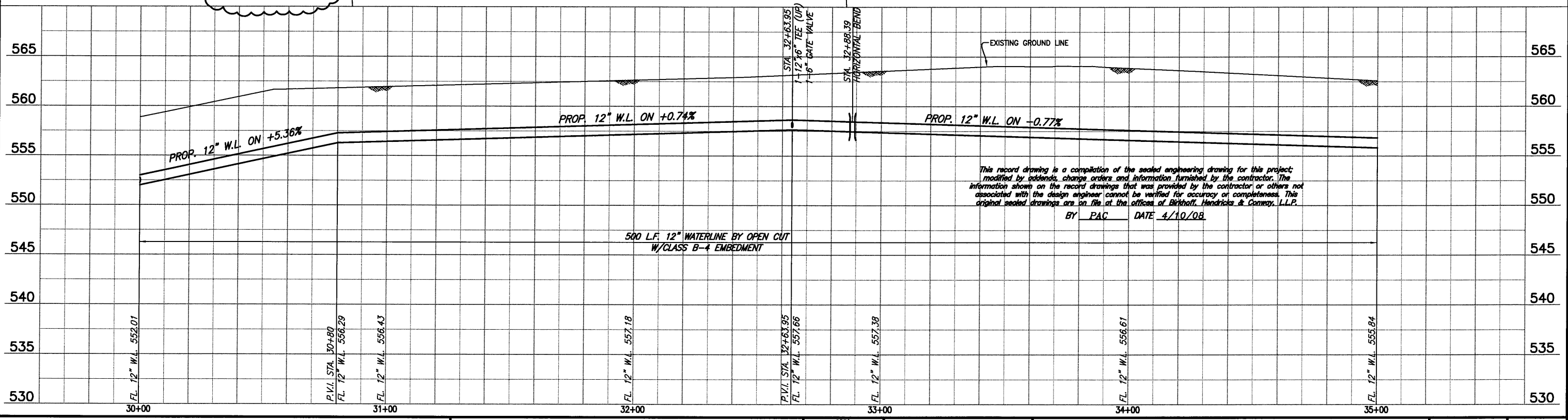
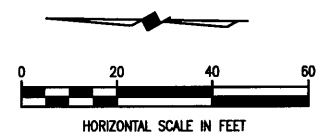
W.L. STA. 32+63.95 FURNISH & INSTALL 1-FIRE HYDRANT 1-12"x6" TEE (UP) 1-6" 90° BEND 1-6" GATE VALVE 7 L.F. 6" PVC WATERLINE

W.L. P.I. STA. 32+88.39 Δ=00'00" 05" LT. N 7011796.0327 E 2607412.9141

LOT 2 LAKE LOFLAND ESTATES

FURNISH & INSTALL 12" WATER LINE

EXIST. 10' UTILITY EASEMENT



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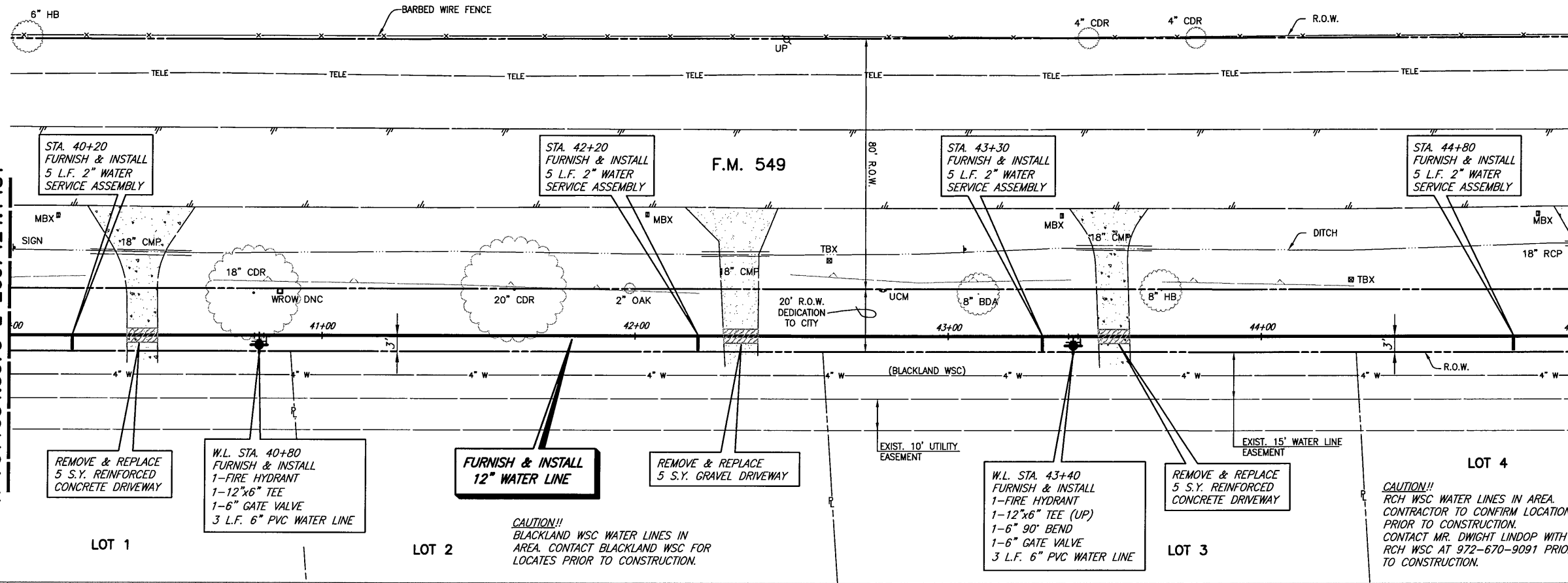
CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 30+00 TO STA. 35+00

BHC PROJECT NO. 2006-150
 June, 2007
 SHEET NO. **8**

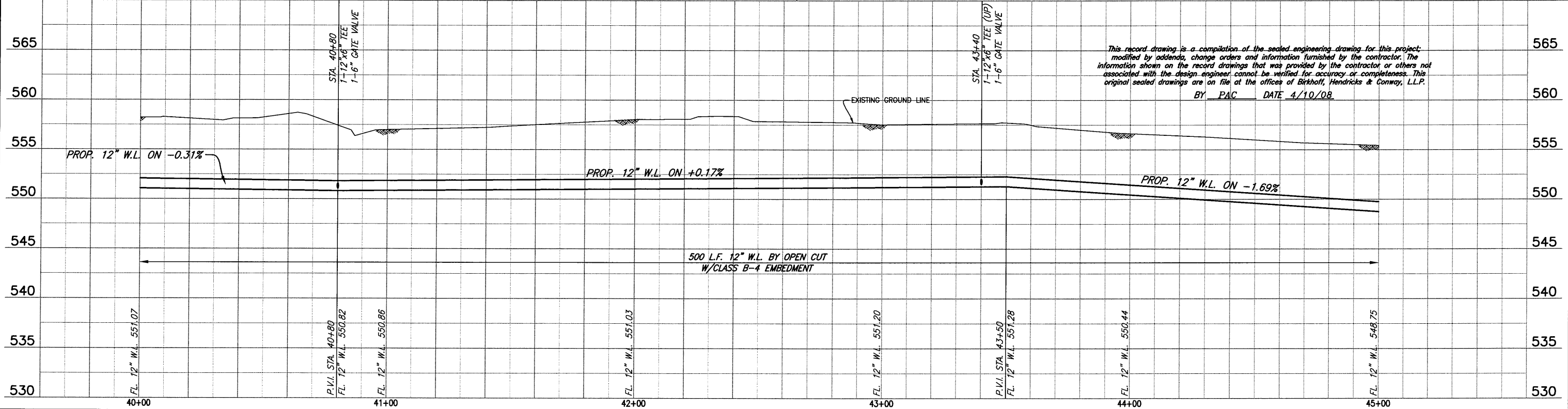
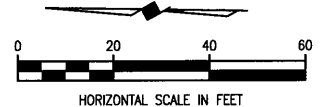
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MATCH LINE STA. 40+00
N 7011084.5075 E 2607424.1481

MATCH LINE STA. 45+00
N 7010584.5696 E 2607432.0314



TREE REMOVAL = (NO PAY ITEM)



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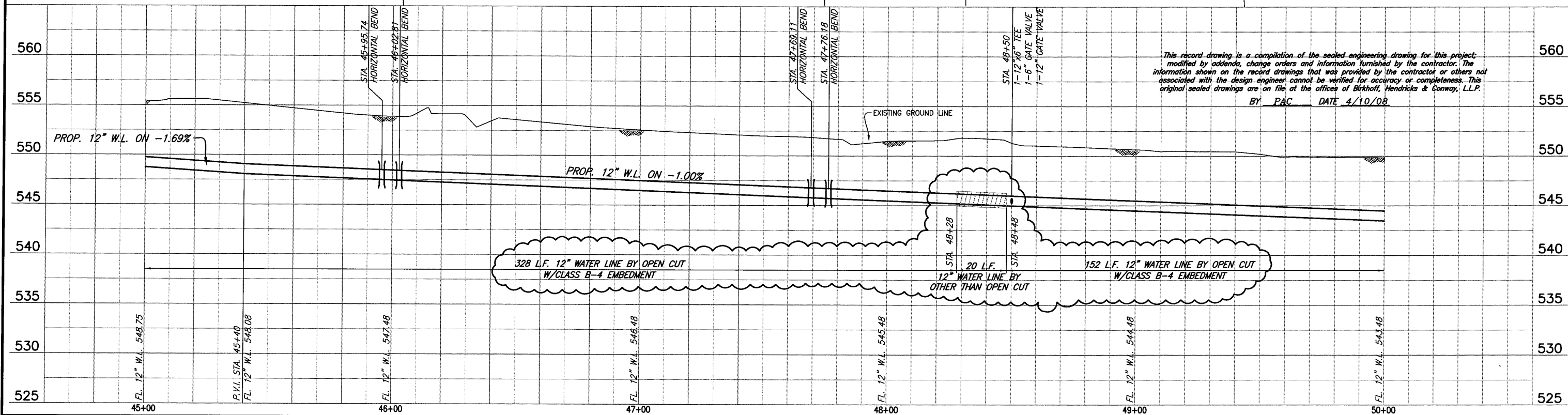
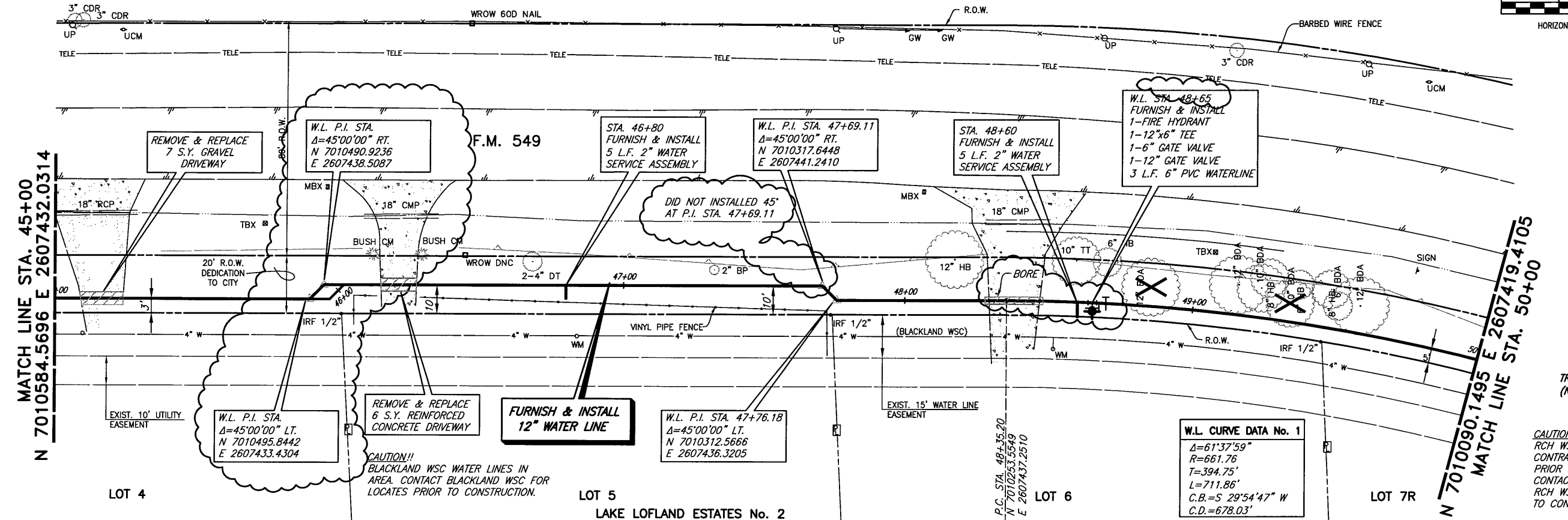
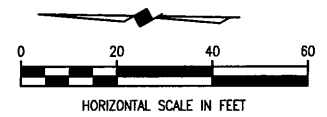
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CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 40+00 TO STA.45+00

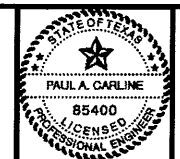
BHC PROJECT NO. 2006-150
June, 2007
SHEET NO. 10



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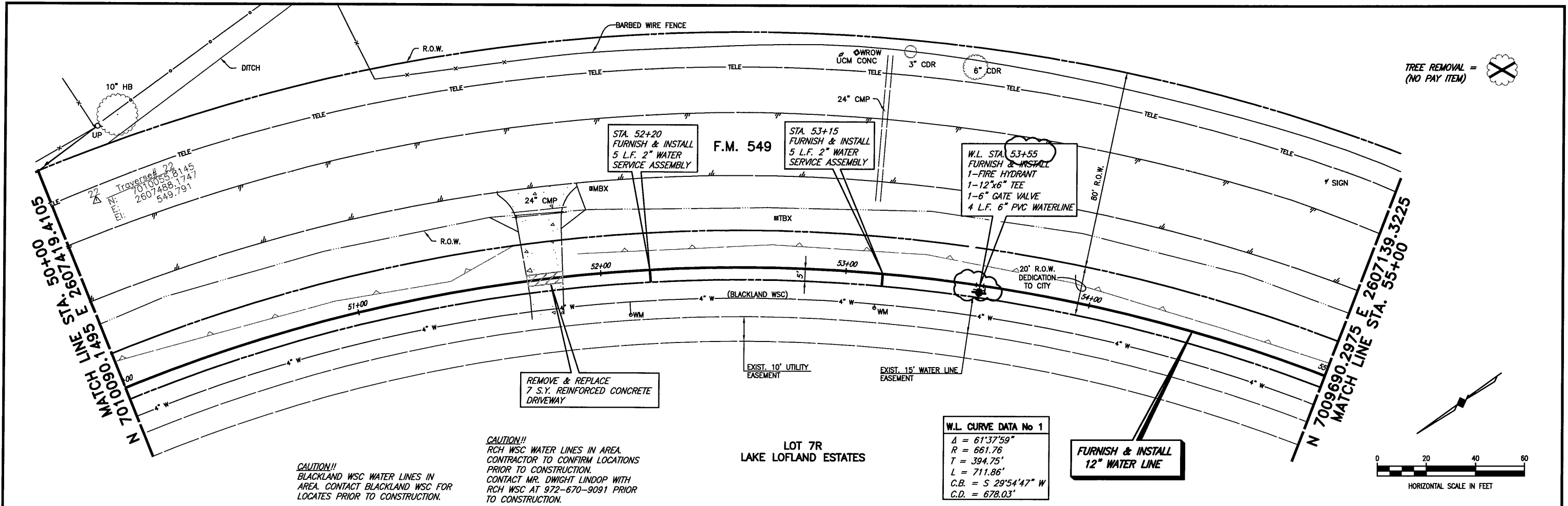
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CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 45+00 TO STA. 50+00

BHC
 PROJECT NO.
 2006-150
 June, 2007

SHEET NO.
11

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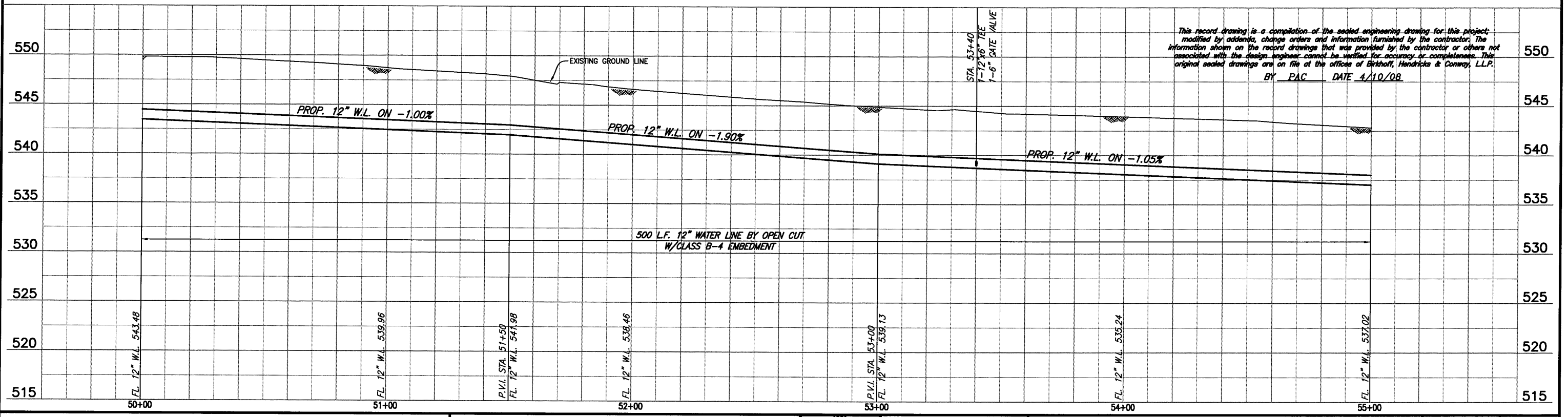
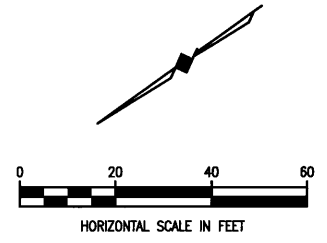


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CAUTION!!
RCH WSC WATER LINES IN AREA. CONTRACTOR TO CONFIRM LOCATIONS PRIOR TO CONSTRUCTION. CONTACT MR. DWIGHT LINDOP WITH RCH WSC AT 972-670-9091 PRIOR TO CONSTRUCTION.

W.L. CURVE DATA No 1
 $\Delta = 61^{\circ}37'59''$
 $R = 661.76$
 $T = 394.75'$
 $L = 711.86'$
 $C.B. = S 29^{\circ}54'47'' W$
 $C.D. = 678.03'$

TREE REMOVAL = (NO PAY ITEM)



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 (214) 361-7900

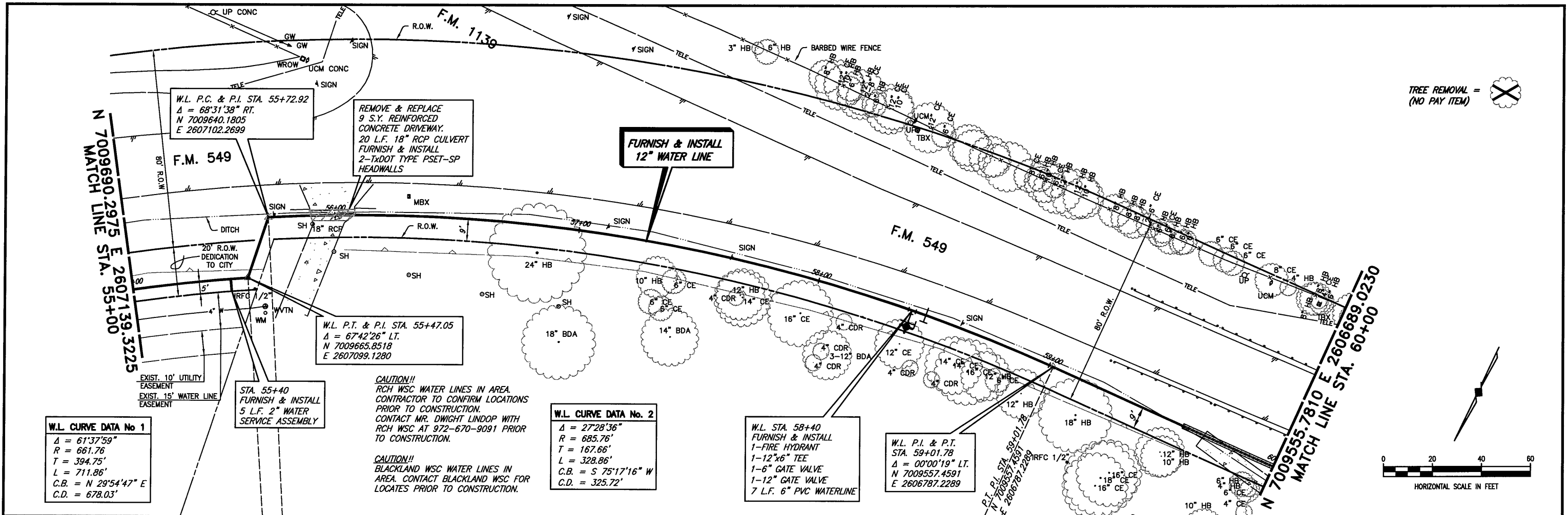


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 DATE: 04/12/08

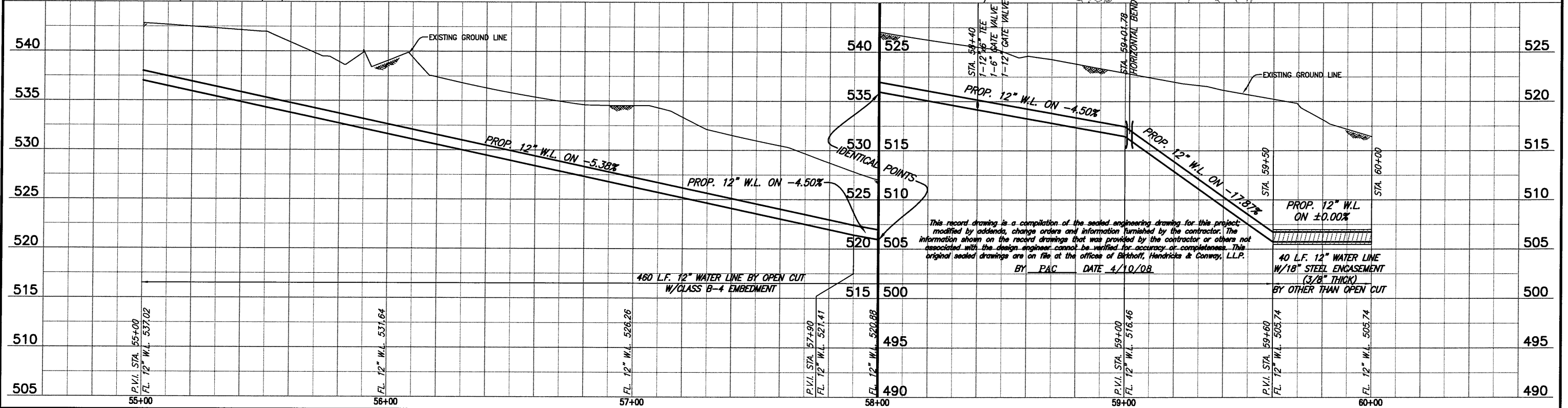
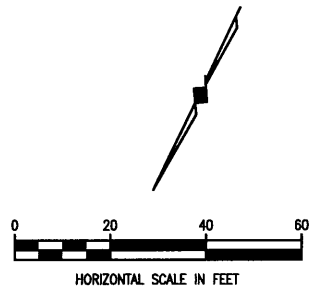
CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 50+00 TO STA. 55+00

BHC PROJECT NO. 2006-150
 June, 2007
 SHEET NO. 12

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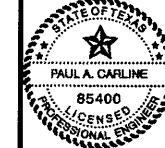


TREE REMOVAL = (NO PAY ITEM)



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 BY PAC DATE 4/10/08


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 CONSULTING ENGINEERS
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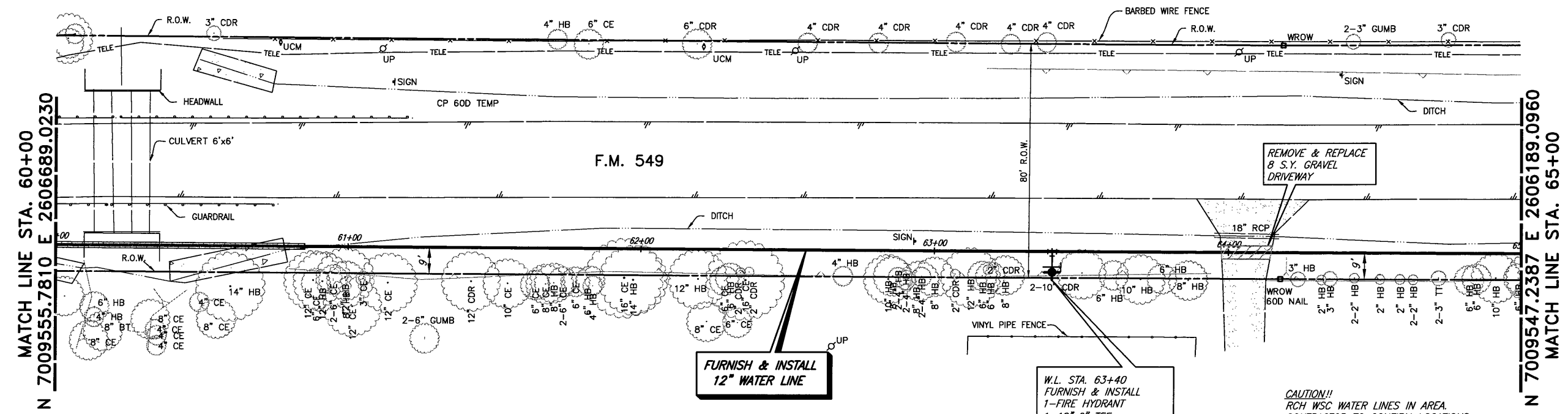


THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: 9/12/07

CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 55+00 TO STA. 60+00

BHC PROJECT NO. 2006-150
 November, 2007
 SHEET NO. 13

TREE REMOVAL =  (NO PAY ITEM)

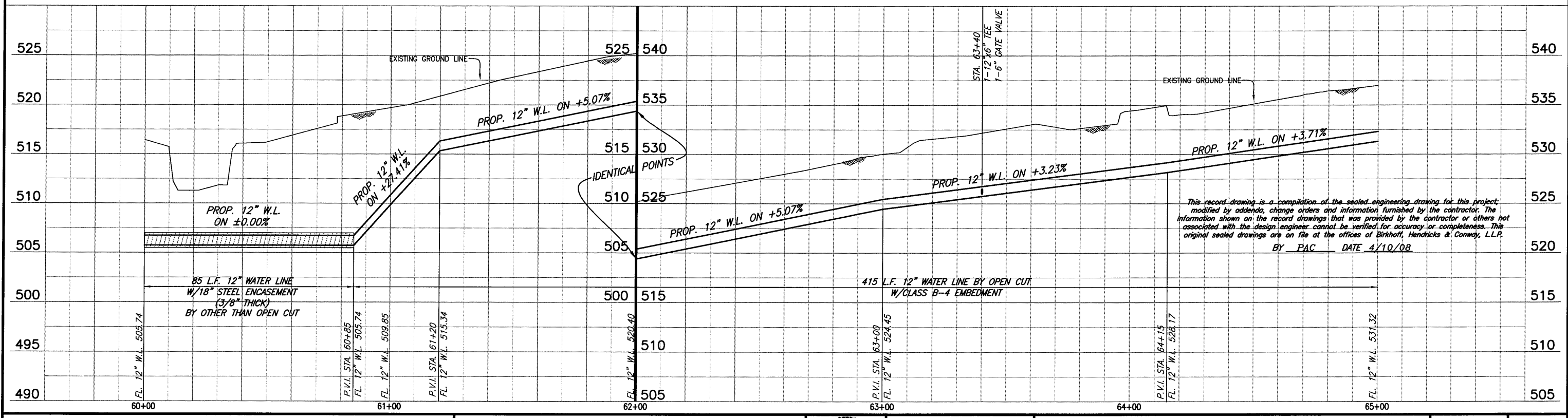
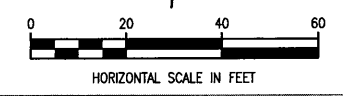


CAUTION!!
BLACKLAND WSC WATER LINES IN
AREA. CONTACT BLACKLAND WSC FOR
LOCATES PRIOR TO CONSTRUCTION.

FURNISH & INSTALL
12" WATER LINE

W.L. STA. 63+40
FURNISH & INSTALL
1-FIRE HYDRANT
1-12"x6" TEE
1-6" GATE VALVE
7 L.F. 6" PVC WATERLINE

CAUTION!!
RCH WSC WATER LINES IN AREA.
CONTRACTOR TO CONFIRM LOCATIONS
PRIOR TO CONSTRUCTION.
CONTACT MR. DWIGHT LINDOP WITH
RCH WSC AT 972-670-9091 PRIOR
TO CONSTRUCTION.



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DATE: 6/12/07

CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 60+00 TO STA. 65+00

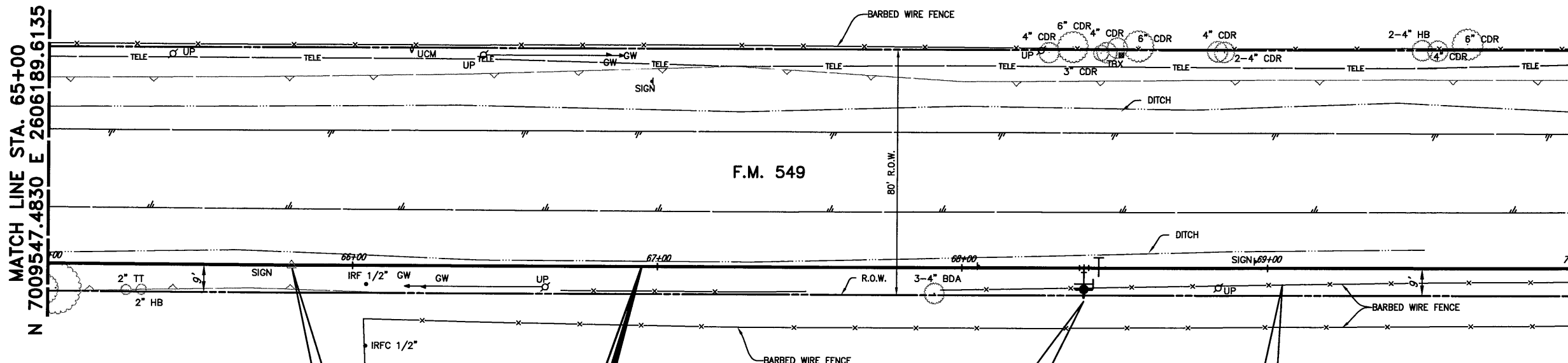
BHC
PROJECT NO.
2006-150
June, 2007
SHEET NO.
14

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TREE REMOVAL = 
(NO PAY ITEM)

MATCH LINE STA. 65+00
N 7009547.4830 E 2606189.6135

MATCH LINE STA. 70+00
N 7009536.5266 E 2605689.2116



W.L. P.I. STA. 65+80.04
Δ = 00°17'46" LT.
N 7009545.8712
E 2606109.0662

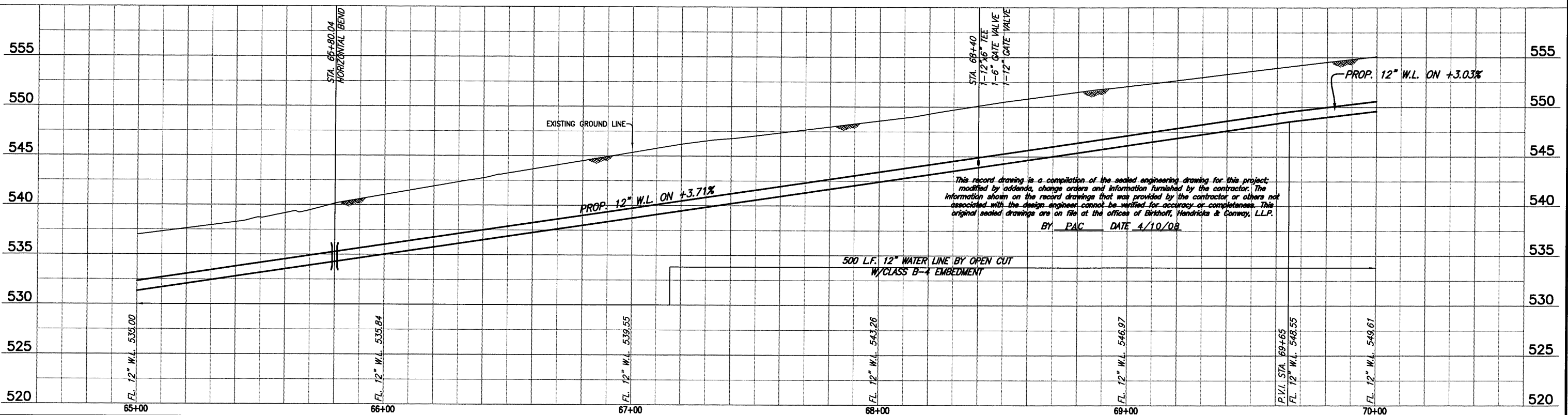
**FURNISH & INSTALL
12" WATER LINE**

CAUTION!!
BLACKLAND WSC WATER LINES IN
AREA. CONTACT BLACKLAND WSC FOR
LOCATES PRIOR TO CONSTRUCTION.

W.L. STA. 68+40
FURNISH & INSTALL
1-FIRE HYDRANT
1-12"x6" TEE
1-6" GATE VALVE
1-12" GATE VALVE
7 L.F. 6" PVC WATER LINE

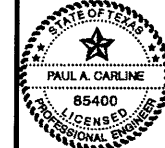
REMOVE 215 L.F. BARB
WIRE FENCE

CAUTION!!
RCH WSC WATER LINES IN AREA.
CONTRACTOR TO CONFIRM LOCATIONS
PRIOR TO CONSTRUCTION.
CONTACT MR. DWIGHT LINDOP WITH
RCH WSC AT 972-670-9091 PRIOR
TO CONSTRUCTION.



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Dallas, Texas
(214) 361-7900



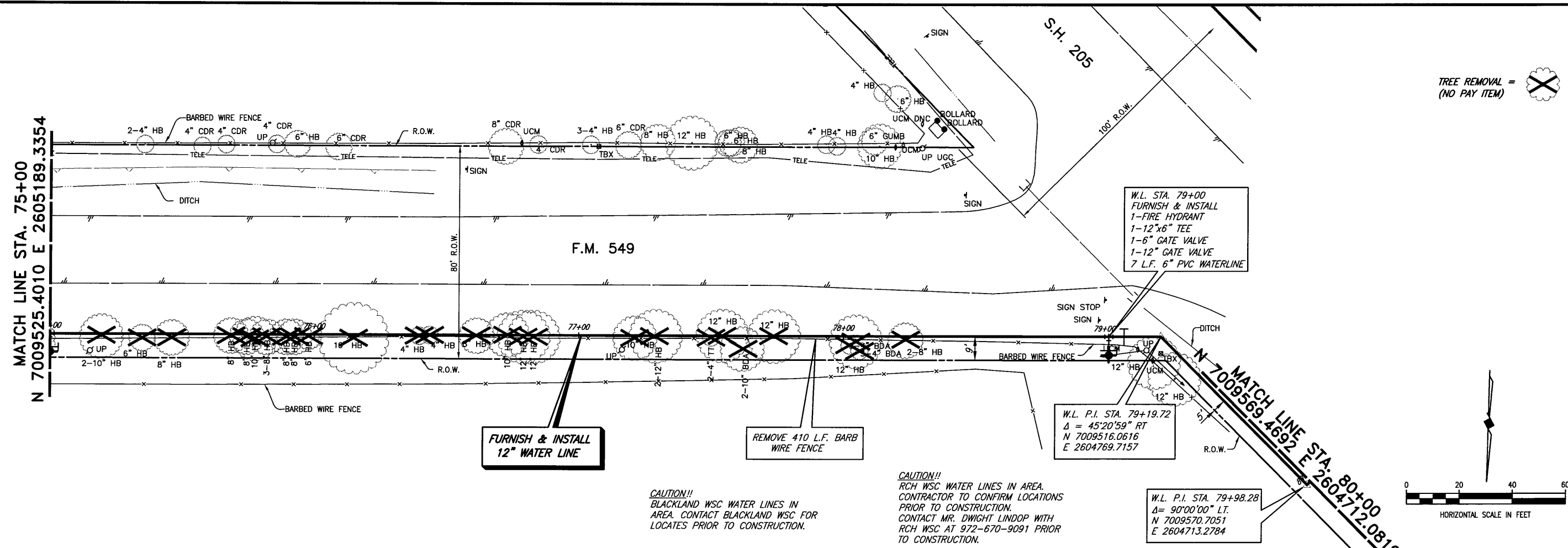
THESE DOCUMENTS ARE FOR
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AND PERMIT PURPOSES.
DATE: 6/12/07

CITY OF ROCKWALL, TEXAS
F. M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 65+00 TO STA. 70+00

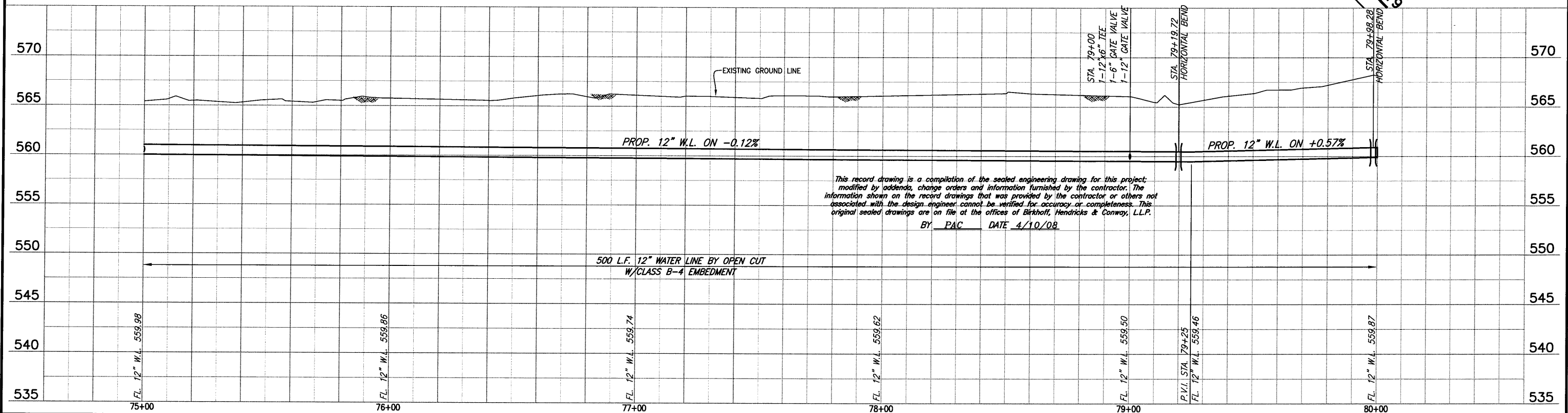
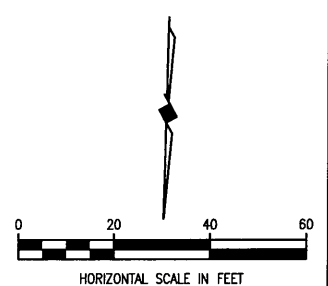
BHC
PROJECT NO.
2006-150
June, 2007
SHEET NO.
15

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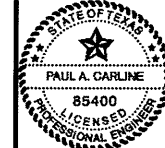


TREE REMOVAL = (NO PAY ITEM)



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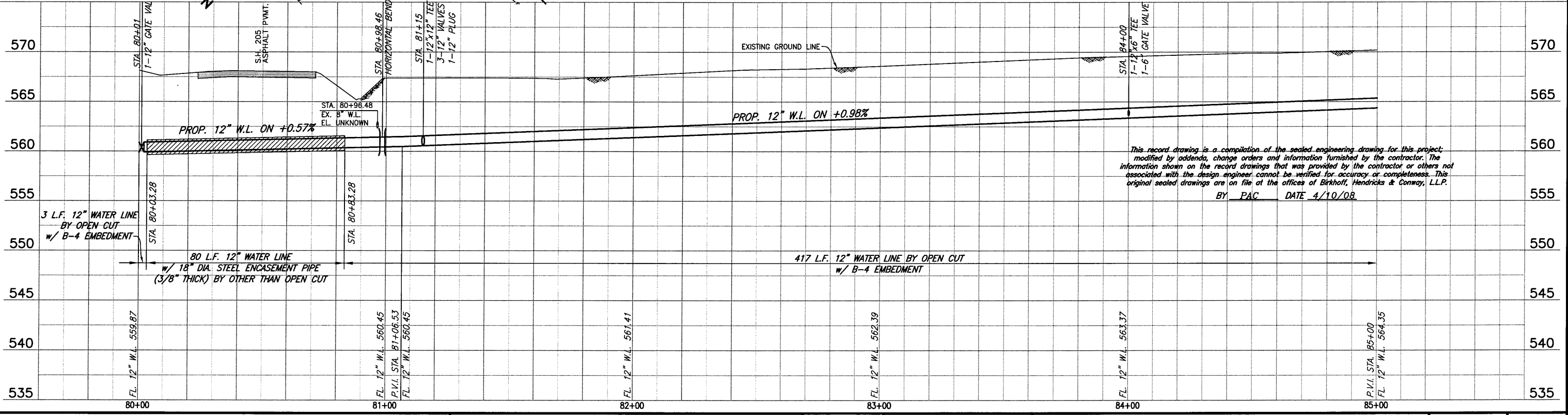
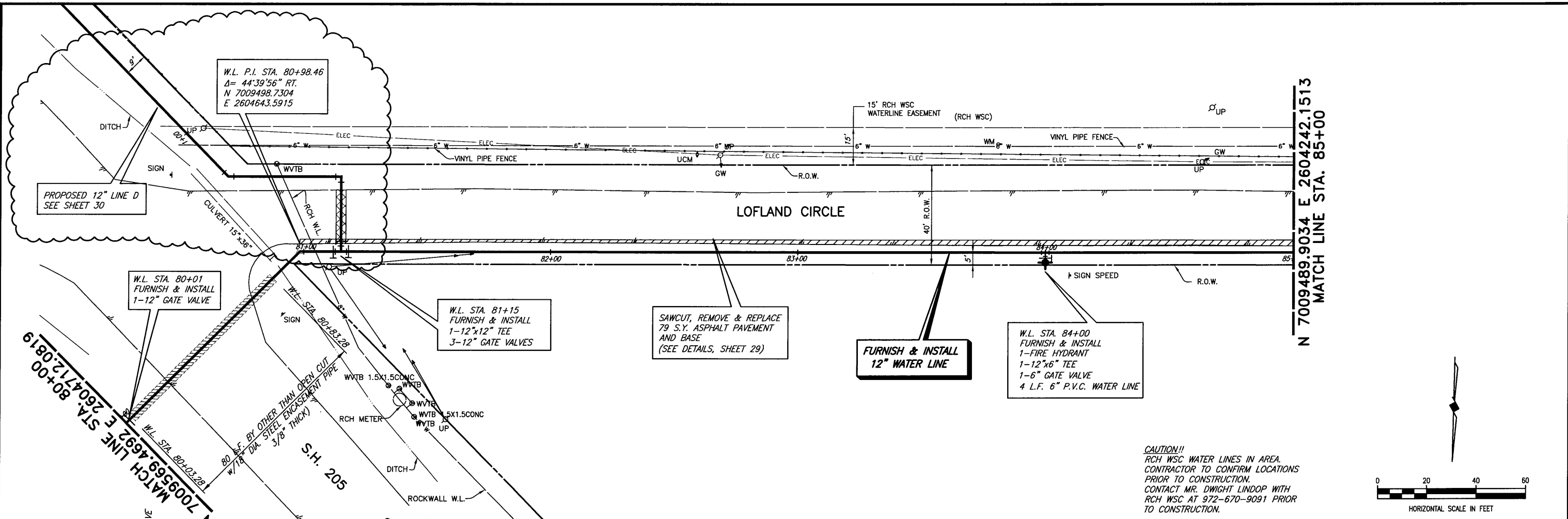


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 DATE: 10/12/07

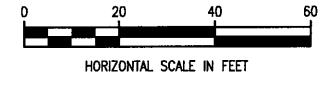
CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 75+00 TO STA. 80+00

BHC PROJECT NO. 2006-150
 June, 2007
 SHEET NO. 17

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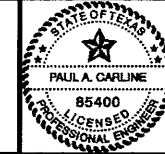


CAUTION!!
 RCH WSC WATER LINES IN AREA.
 CONTRACTOR TO CONFIRM LOCATIONS
 PRIOR TO CONSTRUCTION.
 CONTACT MR. DWIGHT LINDOP WITH
 RCH WSC AT 972-670-9091 PRIOR
 TO CONSTRUCTION.



FIELD CHANGE NO. 2 (8/06/07) S.H. 205 WATER LINE ADDITION

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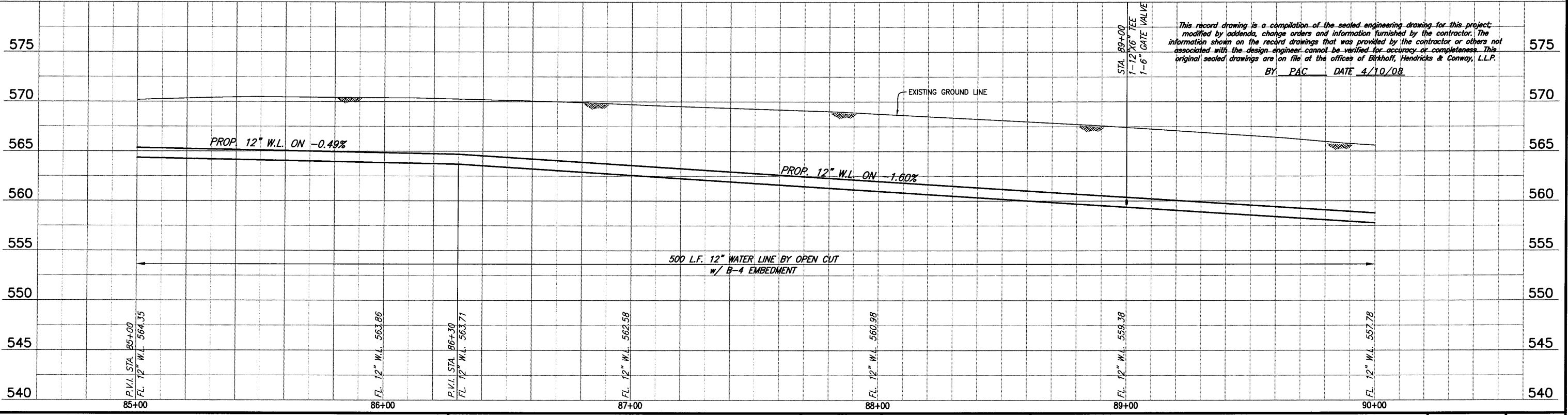
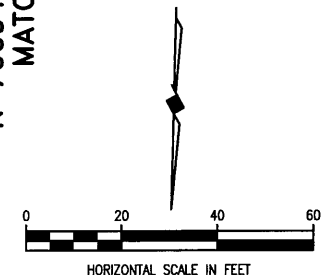
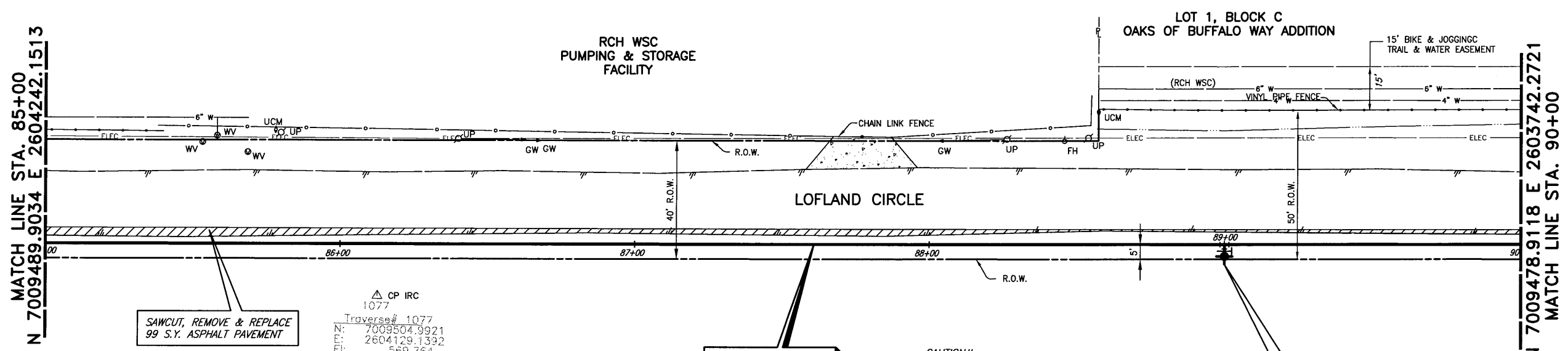


THESE DOCUMENTS ARE FOR
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 AND PERMIT PURPOSES.
 DATE: 8/6/07

CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 80+00 TO STA. 85+00

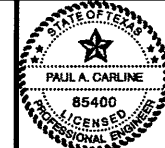
BHC
 PROJECT NO.
 2006-150
 April, 2008
 SHEET NO.
18

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 BY PAC DATE 4/10/08

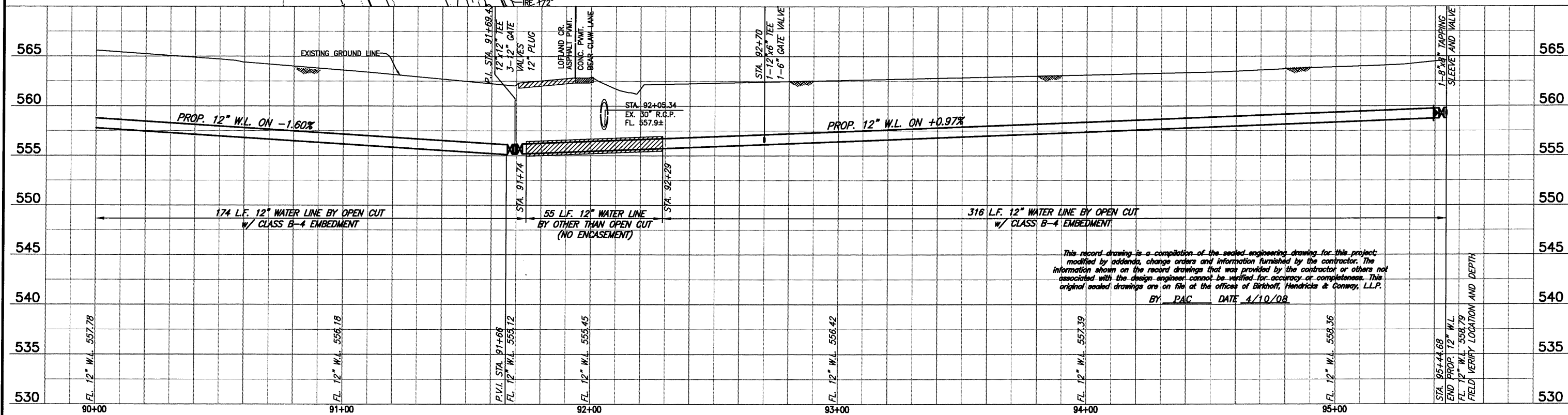
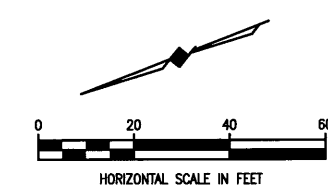
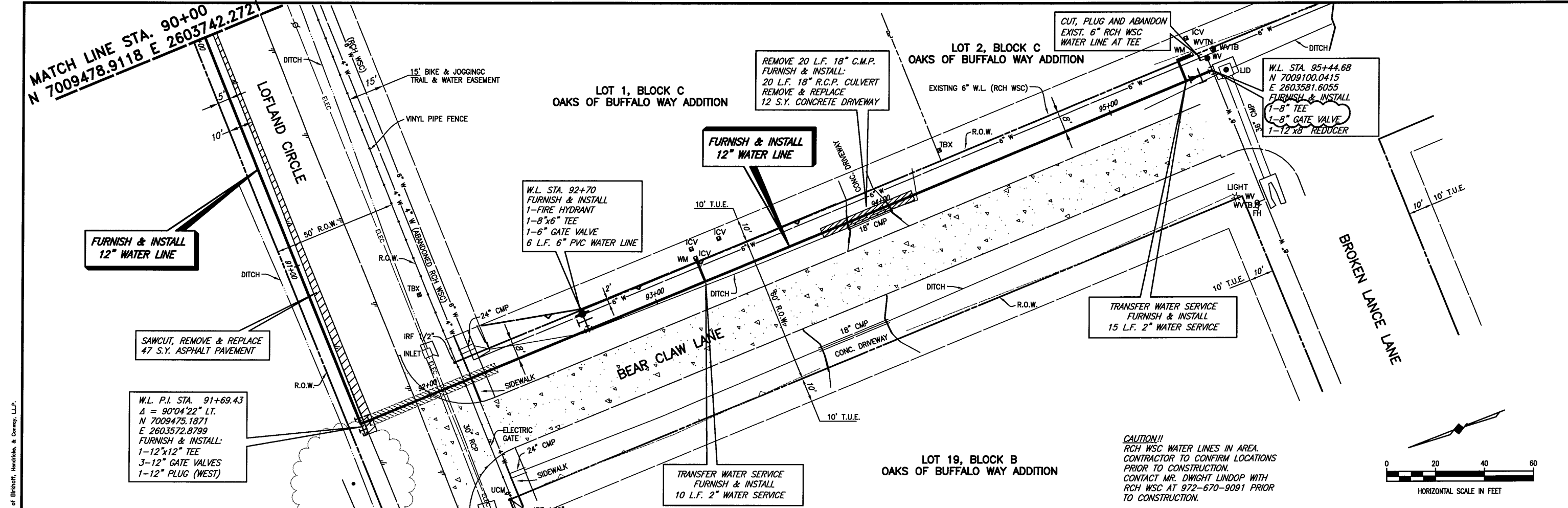
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 Dallas, Texas
 (214) 361-7900



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 DATE: 04/12/07

CITY OF ROCKWALL, TEXAS
 F. M. 549 WATER LINE
 12" WATER LINE (LINE A)
 PLAN-PROFILE
 STA. 85+00 TO STA. 90+00

BHC PROJECT NO. 2006-150
 April, 2008
 SHEET NO. 19



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BY PAC DATE 4/10/08*

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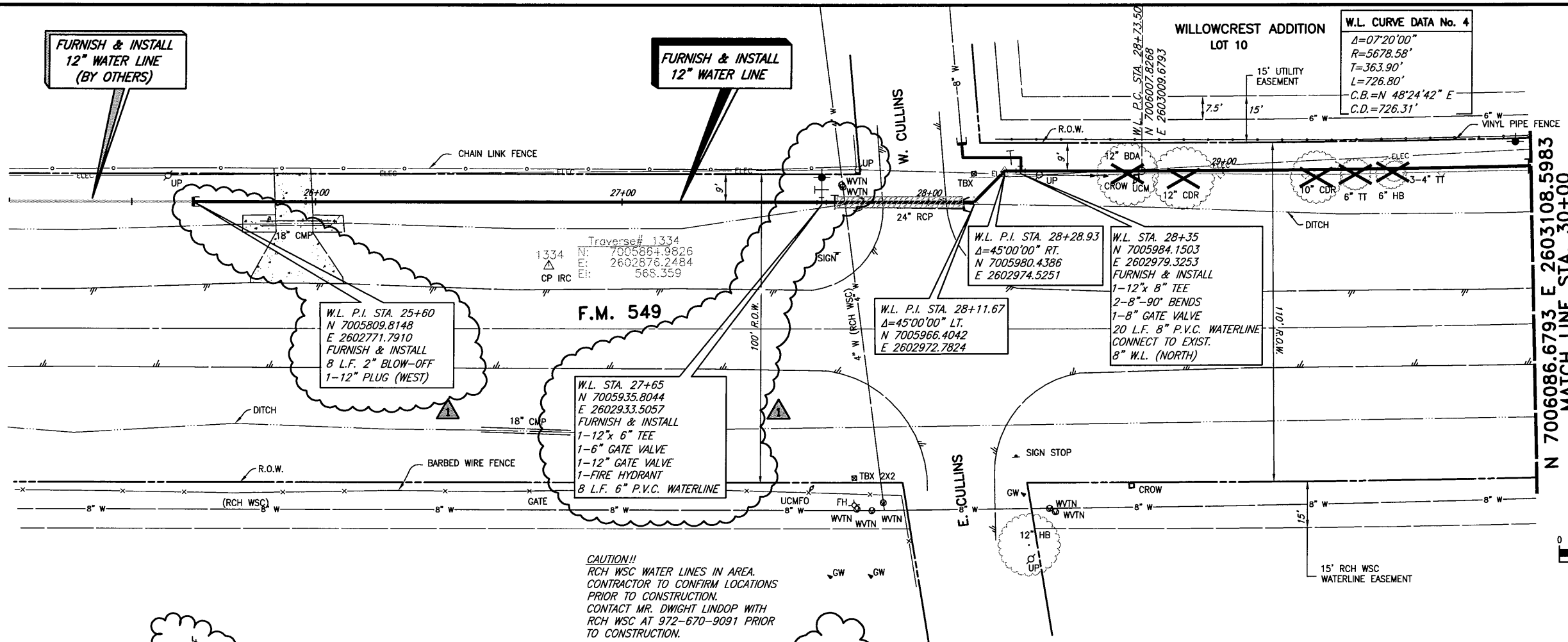
THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES
DATE: 7/5/07

CITY OF ROCKWALL, TEXAS
F.M. 549 WATER LINE
12" WATER LINE (LINE A)
PLAN-PROFILE
STA. 90+00 TO STA. 95+44.68

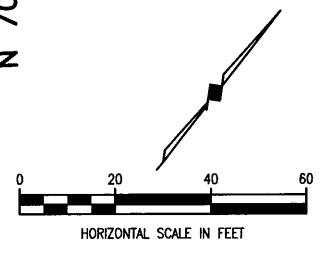
BHC
PROJECT NO.
2006-150
July, 2007

SHEET NO.
20

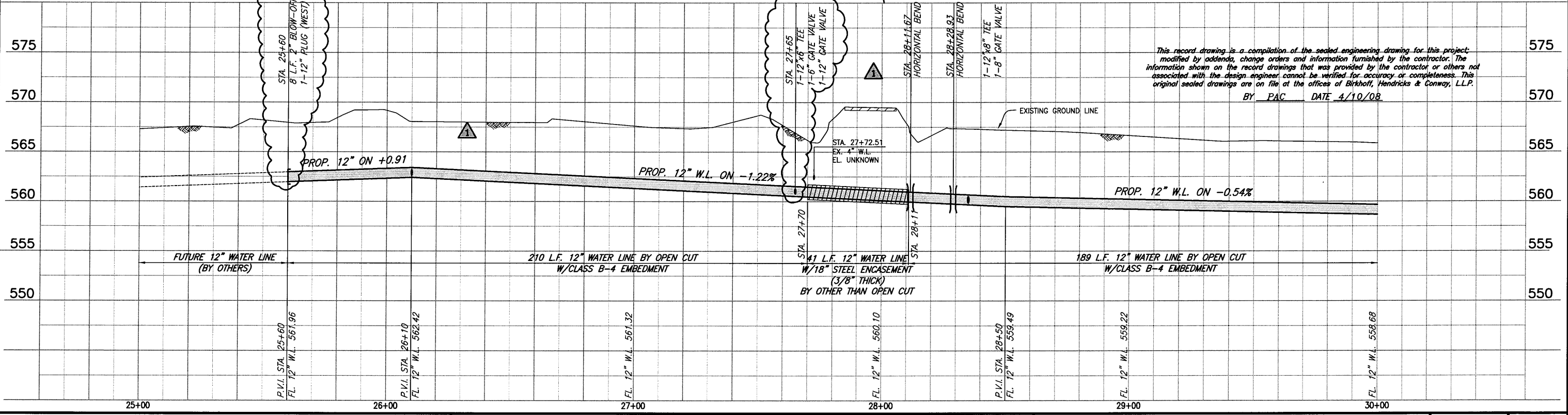
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TREE REMOVAL = (NO PAY ITEM)



CAUTION!!
RCH WSC WATER LINES IN AREA.
CONTRACTOR TO CONFIRM LOCATIONS
PRIOR TO CONSTRUCTION.
CONTACT MR. DWIGHT LINDOP WITH
RCH WSC AT 972-670-9091 PRIOR
TO CONSTRUCTION.



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BY PAC DATE 4/10/08

FIELD CHANGE No. 1 F.H. REVISIONS

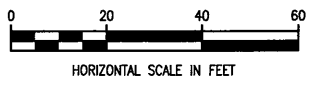
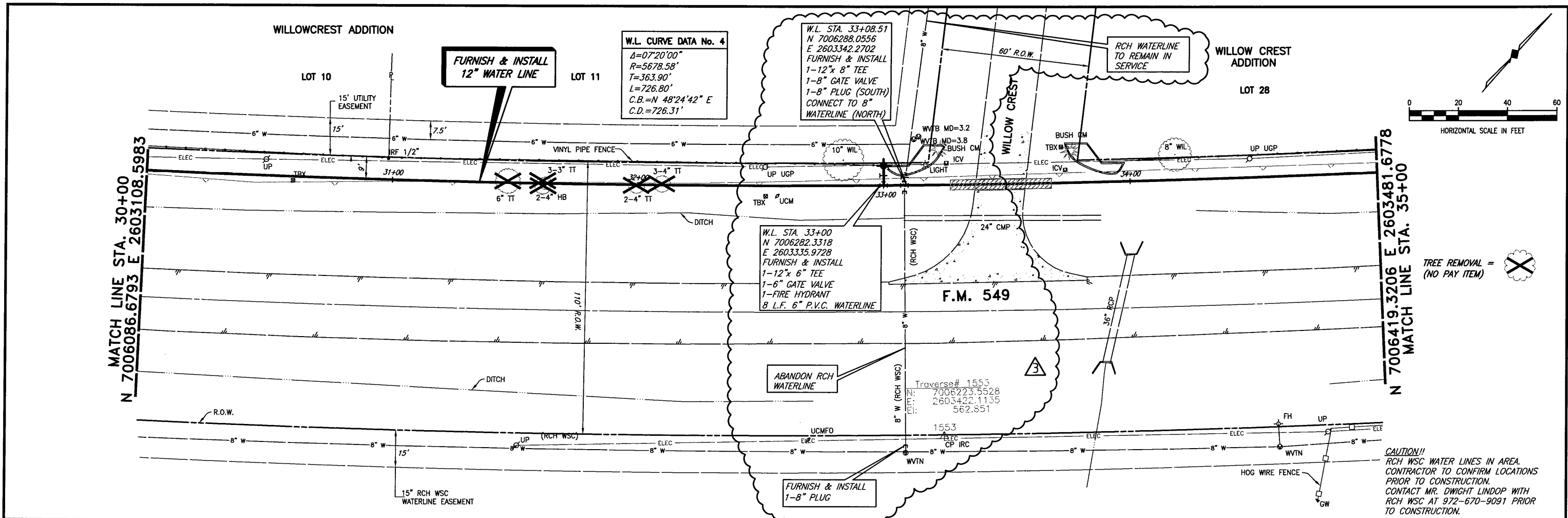
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CONSULTING ENGINEERS
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Dallas, Texas
(214) 361-7900



THESE DOCUMENTS ARE FOR
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AND PERMIT PURPOSES.
DATE: 7/5/07

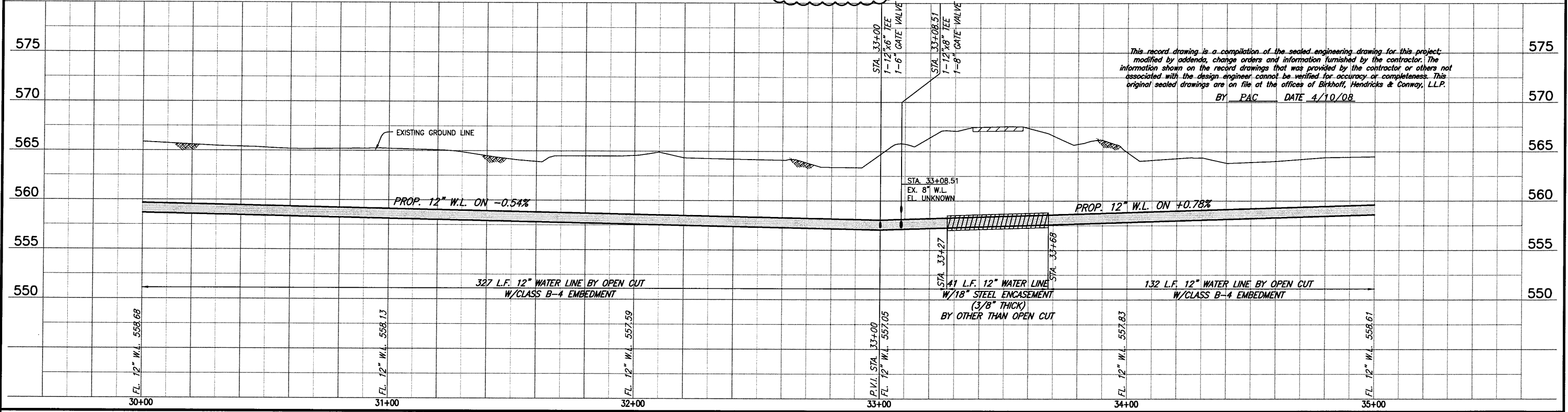
CITY OF ROCKWALL, TEXAS
F.M. 549 WATER LINE
12" WATER LINE (LINE B)
PLAN-PROFILE
STA. 26+10 TO STA.30+00

BHC
PROJECT NO.
2006-150
April, 2008
SHEET NO.
21



TREE REMOVAL = (NO PAY ITEM)

CAUTION!!
RCH WSC WATER LINES IN AREA.
CONTRACTOR TO CONFIRM LOCATIONS
PRIOR TO CONSTRUCTION.
CONTACT MR. DWIGHT LINDOP WITH
RCH WSC AT 972-670-9091 PRIOR
TO CONSTRUCTION.



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BY PAC DATE 4/10/08

FIELD CHANGE No. 3	1/3/08	REVISED PLUG LOCATION

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CONSULTING ENGINEERS
7502 Greenville Ave., Suite 220
Dallas, Texas
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THESE DOCUMENTS ARE FOR
BIDDING, CONSTRUCTION,
AND PERMIT PURPOSES.
DATE: 1/3/08

CITY OF ROCKWALL, TEXAS
F.M. 549 WATER LINE
12" WATER LINE (LINE B)
PLAN-PROFILE
STA. 30+00 TO STA. 35+00

BHC
PROJECT NO.
2006-150
January, 2008
SHEET NO.
22

W.L. CURVE DATA No. 4
 $\Delta=07^{\circ}20'00''$
 $R=5678.58'$
 $T=363.90'$
 $L=726.80'$
 $C.B.=N 48^{\circ}24'42'' E$
 $C.D.=726.31'$

MATCH LINE STA. 35+00
N 7006419.3206 E 2603481.6778

WILLOW CREST ADDITION

LOT 4

OAKS OF BUFFALO WAY ADDITION BLOCK A

LOT 3

25' LANDSCAPE & JOGGING TRAIL EASEMENT

TREE REMOVAL = (NO PAY ITEM)

FURNISH & INSTALL 12" WATER LINE

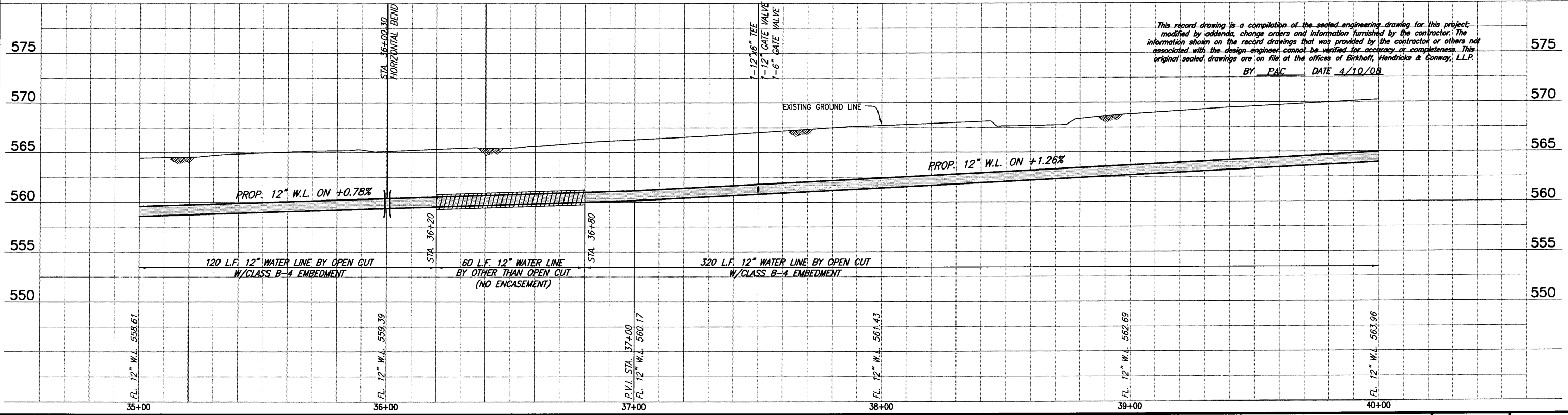
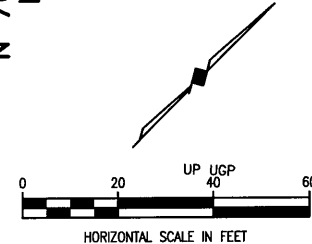
W.L. STA. 37+50
 N 7006596.2549
 E 2603658.2916
 FURNISH & INSTALL
 1-12" x 6" TEE
 1-6" GATE VALVE
 1-12" GATE VALVE
 1-FIRE HYDRANT
 8 L.F. 6" P.V.C. WATERLINE

F.M. 549

Traverse# 1768
 N: 7006699.6696
 E: 2603886.6946
 E.I.: 589.787

MATCH LINE STA. 40+00
N 7006773.8165 E 2603834.2800

CAUTION!!
 RCH WSC WATER LINES IN AREA.
 CONTRACTOR TO CONFIRM LOCATIONS
 PRIOR TO CONSTRUCTION.
 CONTACT MR. DWIGHT LINDOP WITH
 RCH WSC AT 972-670-9091 PRIOR
 TO CONSTRUCTION.



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 CONSULTING ENGINEERS
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 Dallas, Texas
 (214) 361-7900



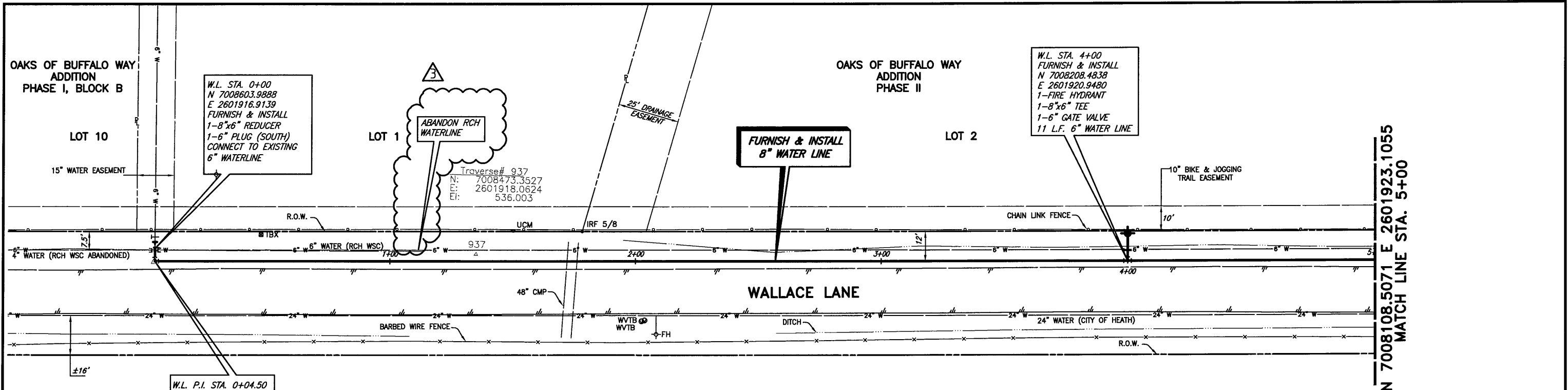
THESE DOCUMENTS ARE FOR BIDDING, CONSTRUCTION, AND PERMIT PURPOSES.
 DATE: 4/12/08

CITY OF ROCKWALL, TEXAS
 F.M. 549 WATER LINE
 12" WATER LINE (LINE B)
 PLAN-PROFILE
 STA. 35+00 TO STA. 40+00

BHC PROJECT NO. 2006-150
 August, 2007
 SHEET NO. 23

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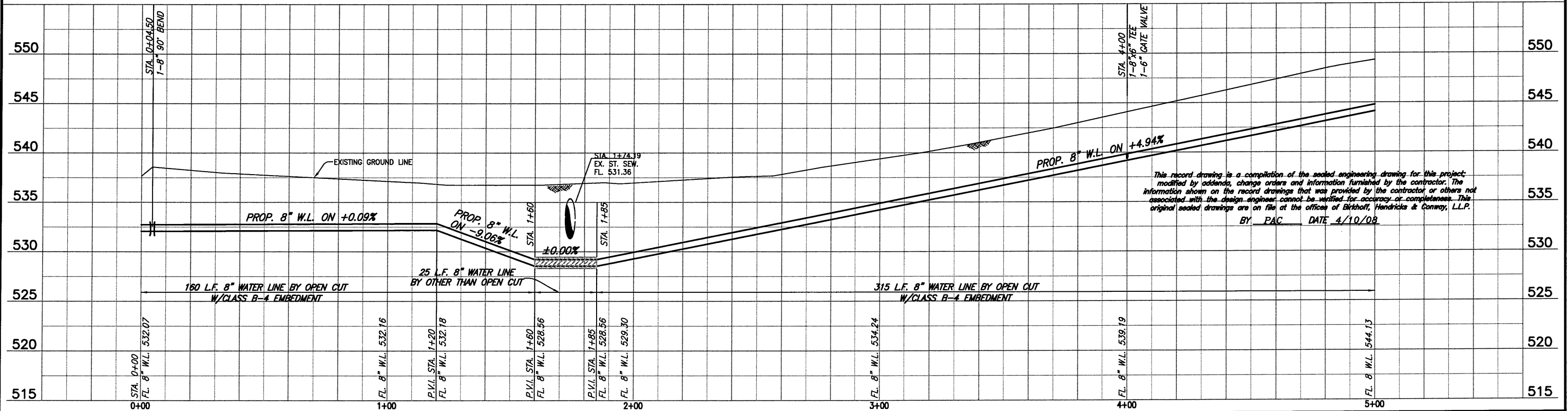
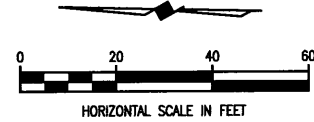
W.L. P.I. STA. 0+04.50
N 7008603.8917
E 2601912.4149
Δ=90°00'00" LT.
FURNISH & INSTALL
1-8" 90° BEND

W.L. STA. 0+00
N 7008603.9888
E 2601916.9139
FURNISH & INSTALL
1-8"x6" REDUCER
1-6" PLUG (SOUTH)
CONNECT TO EXISTING
6" WATERLINE

W.L. STA. 4+00
FURNISH & INSTALL
N 7008208.4838
E 2601920.9480
1-FIRE HYDRANT
1-8"x6" TEE
1-6" GATE VALVE
11 L.F. 6" WATER LINE

N 7008108.5071 E 2601923.1055
MATCH LINE STA. 5+00

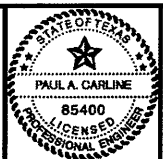
CAUTION!!
RCH WSC WATER LINES IN AREA.
CONTRACTOR TO CONFIRM LOCATIONS
PRIOR TO CONSTRUCTION.
CONTACT MR. DWIGHT LINDOP WITH
RCH WSC AT 972-670-9091 PRIOR
TO CONSTRUCTION.



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BY: PAC DATE 4/10/08

FIELD CHANGE No. 3	1/3/08	REVISED PLUG LOCATION

BIRKHOFF, HENDRICKS & CONWAY, L.L.P.
CONSULTING ENGINEERS
7502 Greenville Ave., Suite 220
Dallas, Texas
(214) 361-7900

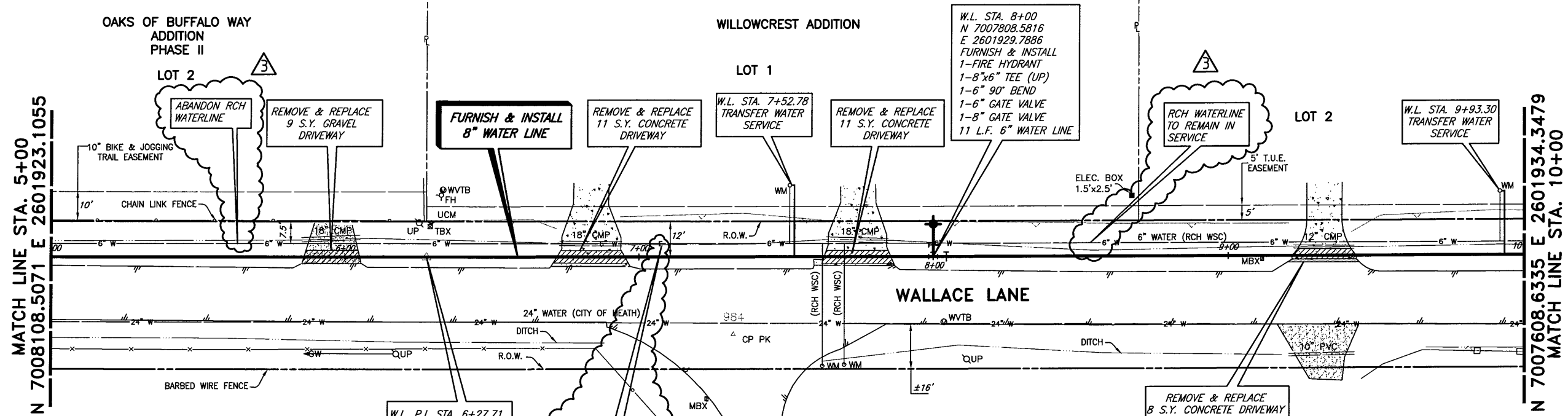


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AND PERMIT PURPOSES.
[Signature]
DATE: 1/3/08

CITY OF ROCKWALL, TEXAS
WALLACE LANE WATER LINE
8" WATER LINE (LINE C)
PLAN-PROFILE
STA. 0+00 TO STA. 5+00

BHC PROJECT NO. 2006-150	SHEET NO. 25
April, 2008	

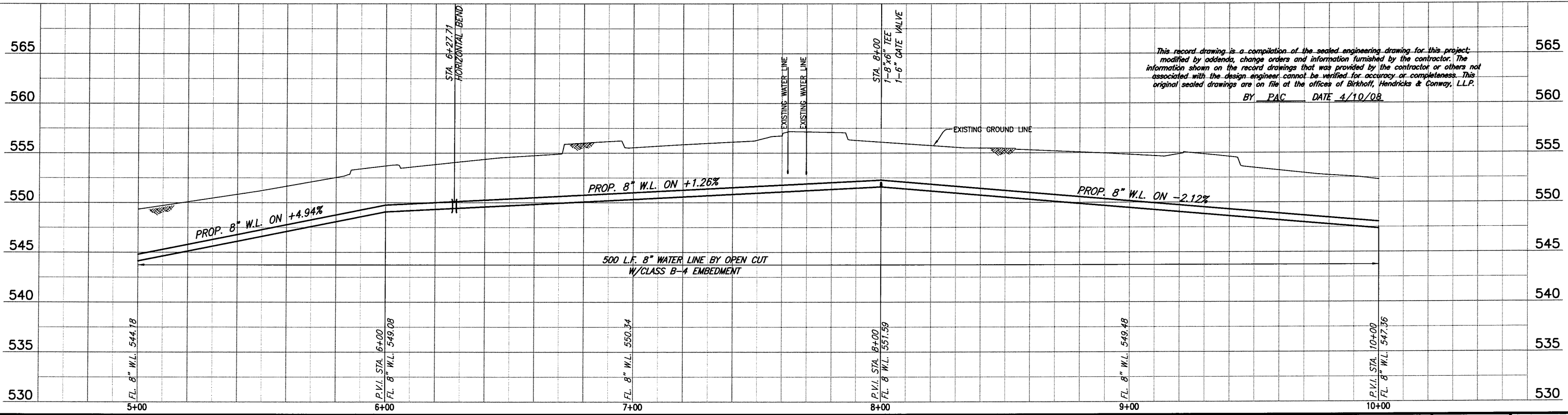
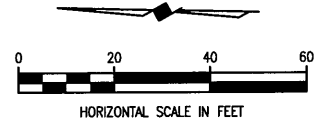
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CAUTION!!
 RCH WSC WATER LINES IN AREA.
 CONTRACTOR TO CONFIRM LOCATIONS
 PRIOR TO CONSTRUCTION.
 CONTACT MR. DWIGHT LINDOP WITH
 RCH WSC AT 972-670-9091 PRIOR
 TO CONSTRUCTION.

W.L. P.I. STA. 6+27.71
 $\Delta = 00'04'12''$ LT.
 N 7007980.8246
 E 2601925.8610

Traverse # 984
 N: 7007376.0826
 E: 2601902.1942
 EL: 556.785



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 BY PAC DATE 4/10/08

3	FIELD CHANGE No. 3	1/3/08	REVISED PLUG LOCATION
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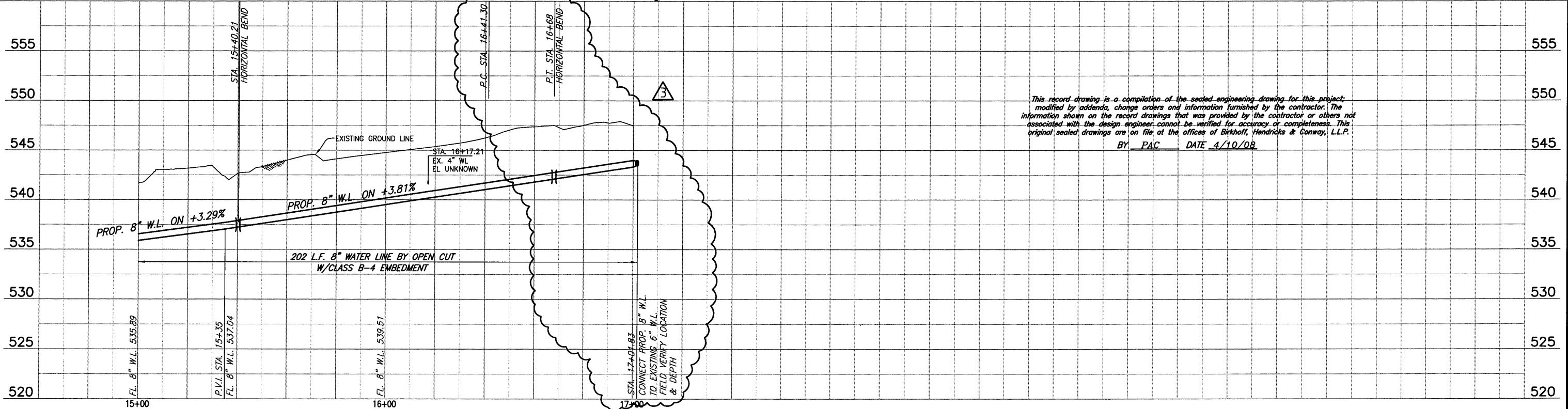
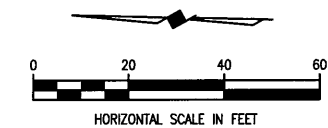
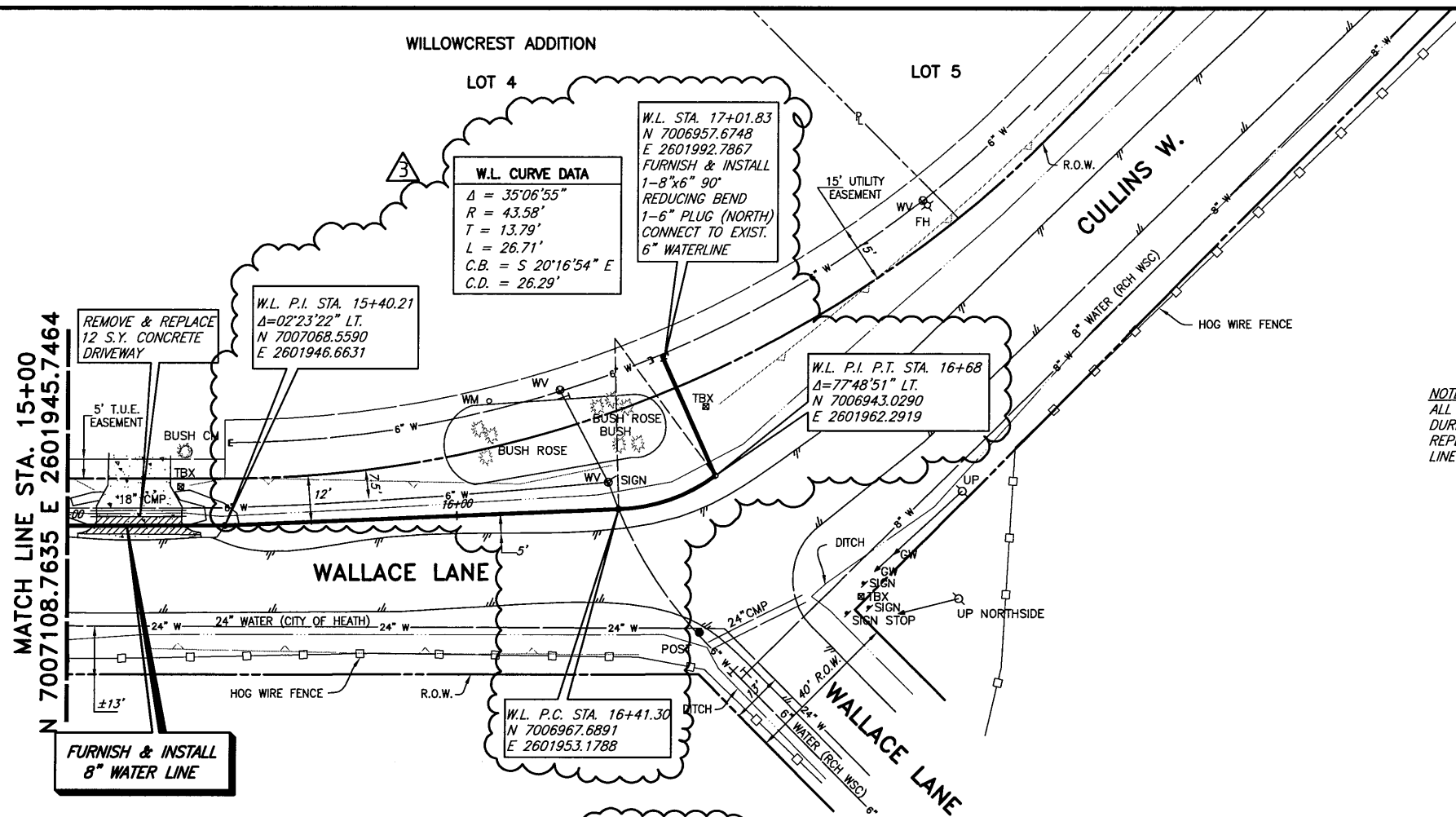


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CITY OF ROCKWALL, TEXAS
 WALLACE LANE WATER LINE
 8" WATER LINE (LINE C)
 PLAN-PROFILE
 STA. 5+00 TO STA. 10+00

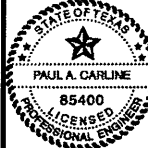
BHC PROJECT NO. 2006-150	SHEET NO. 26
January, 2008	

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FIELD CHANGE No. 3	1/3/08	REVISED PLUG LOCATION
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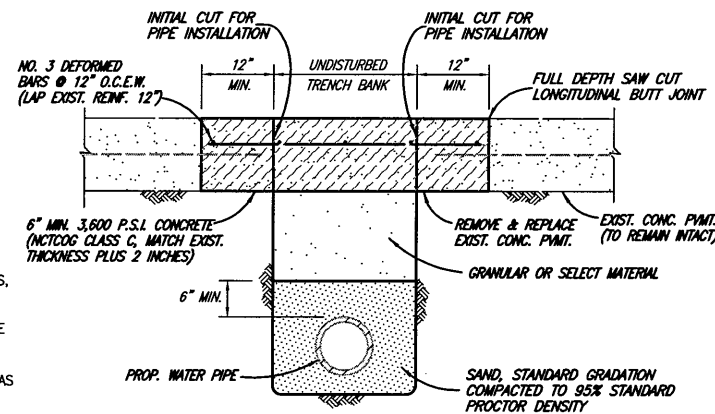
DATE: 1/3/08

CITY OF ROCKWALL, TEXAS
WALLACE LANE WATER LINE
8" WATER LINE (LINE C)
PLAN-PROFILE
STA. 15+00 TO STA. 16+32.21

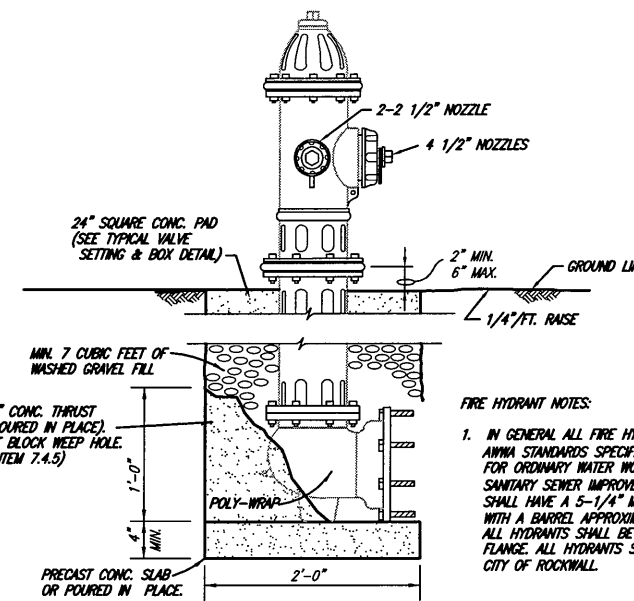
BHC PROJECT NO. 2006-150	SHEET NO. 28
April, 2008	

WATER LINE NOTES
(NOTES APPLY TO ALL SHEETS)

- 1) WATER LINES 6-INCHES TO 12-INCHES IN DIAMETER SHALL BE PVC AWWA C-900 DR-14, CLASS 200
- 2) WATER LINES 14-INCHES TO 24-INCHES IN DIAMETER SHALL BE PVC AWWA C-905 DR-18, CLASS 235
- 3) WATER LINES 36-INCHES IN DIAMETER SHALL BE PVC AWWA C-905 DR-25, CLASS 165
- 4) ALL WATER LINES HAVE A MINIMUM COVER OF 48-INCHES.
- 5) ALL TEES, BENDS, ELBOWS, PLUGS, AND OTHER FITTINGS SHALL BE RESTRAINED USING MEGA-LUGS OR APPROVED EQUAL JOINT RESTRAINT SHALL BE SUCH TO RESTRAIN TEST PRESSURES.
- 6) EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN LOCATED FROM REFERENCE INFORMATION PROVIDED BY UTILITY COMPANIES AND FIELD SURVEYS. THE UTILITIES SHOWN MAY NOT REPRESENT ALL UTILITIES PRESENT. THE ENGINEER AND CITY OF ROCKWALL DO NOT ACCEPT RESPONSIBILITY FOR THE UTILITY LOCATIONS SHOWN. THE CONTRACTOR SHALL VERIFY UTILITY LOCATIONS BOTH HORIZONTALLY AND VERTICALLY PRIOR TO CONSTRUCTION AND SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT ALL UTILITIES ENCOUNTERED. THE CONTRACTOR SHALL PRESERVE AND PROTECT ALL EXISTING UTILITIES FROM DAMAGE AND SHALL REPAIR ANY UTILITIES DAMAGED BY THEIR OPERATIONS AT THEIR EXPENSE. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY CONFLICTS WITH UTILITIES.
- 7) ALL WORK SHALL COMPLY WITH APPLICABLE CODES, REGULATIONS, AND STANDARDS IMPOSED BY UTILITY COMPANIES AND THE CITY OF ROCKWALL.
- 8) CONTRACTOR SHALL FURNISH AND INSTALL BLUE E.M.T. MARKER PADS AT ALL BENDS, VALVES, CHANGES IN HORIZONTAL ALIGNMENT, AND EVERY 250-FEET ALONG THE LENGTH OF THE WATER LINE AS SHOWN IN THE CITY OF ROCKWALL STANDARD DETAILS. PAYMENT FOR FURNISHING AND INSTALLING THE E.M.T. MARKER PADS SHALL BE SUBSIDIARY TO WATER LINE INSTALLATION.
- 9) SEWER PRESSURE PIPE SHALL BE PVC, SDR 26 (160PSI PRESSURE RATING), ASTM D2241.
- 10) PAYMENT FOR DUCTILE IRON FITTINGS SHALL BE AT THE CONTRACT UNIT PRICE PER POUND AS PROVIDED IN THE PROPOSAL AND BID SCHEDULE.

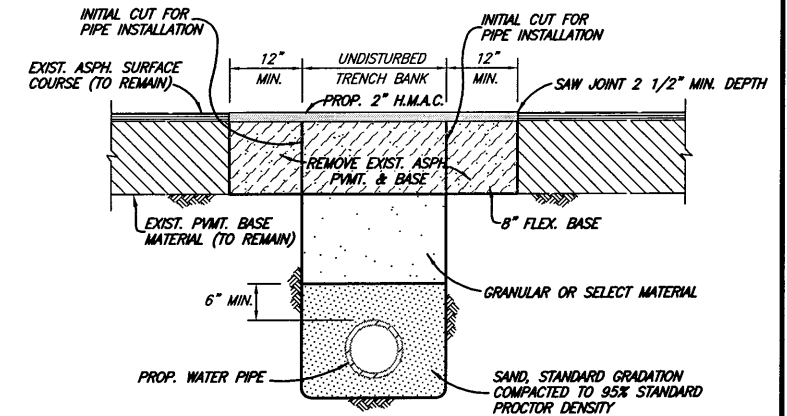


CONCRETE STREET OR DRIVEWAY REPAIR

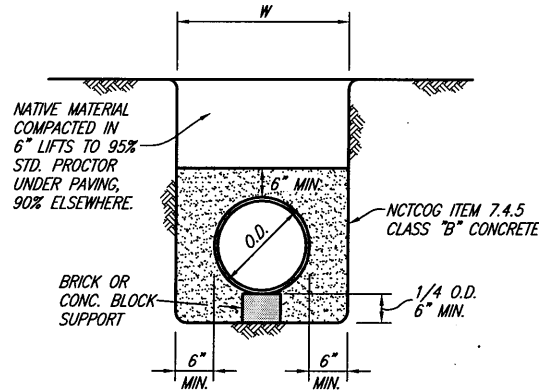


- FIRE HYDRANT NOTES:**
1. IN GENERAL ALL FIRE HYDRANTS SHALL CONFORM TO AWWA STANDARDS SPECIFICATIONS FOR FIRE HYDRANTS FOR ORDINARY WATER WORKS SERVICE FOR WATER AND SANITARY SEWER IMPROVEMENTS. FIRE HYDRANTS SHALL HAVE A 5-1/4" MINIMUM VALVE OPENING AND WITH A BARREL APPROXIMATELY 7" INSIDE DIAMETER. ALL HYDRANTS SHALL BE EQUIPPED WITH A BREAKAWAY FLANGE. ALL HYDRANTS SHALL BE APPROVED BY THE CITY OF ROCKWALL.

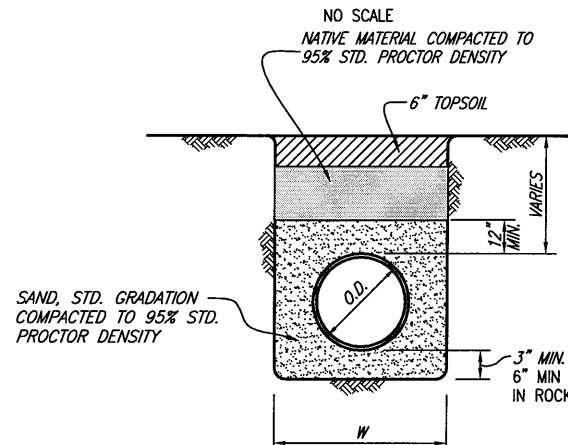
FIRE HYDRANT ASSEMBLY



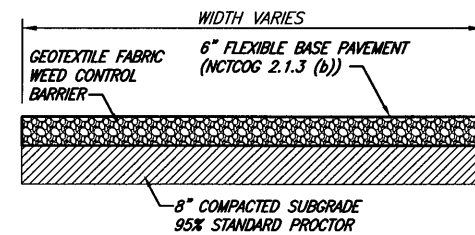
ASPHALT STREET OR DRIVEWAY REPAIR



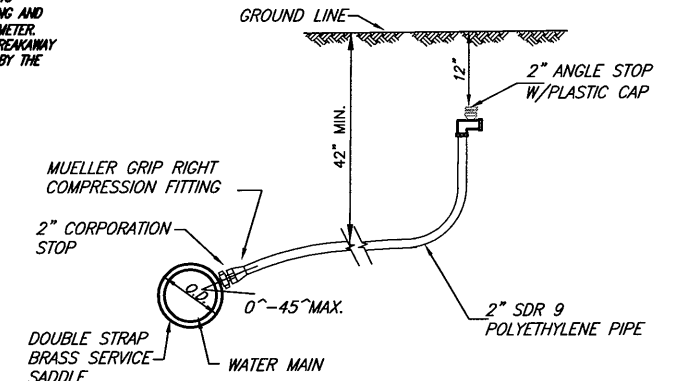
CLASS G EMBEDMENT
CONCRETE ENCASEMENT



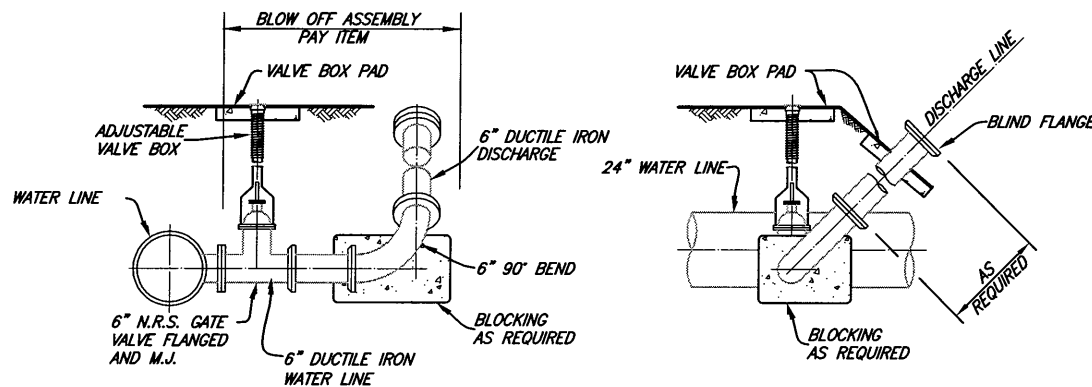
CLASS B-4 EMBEDMENT



GRAVEL DRIVE REPAIR



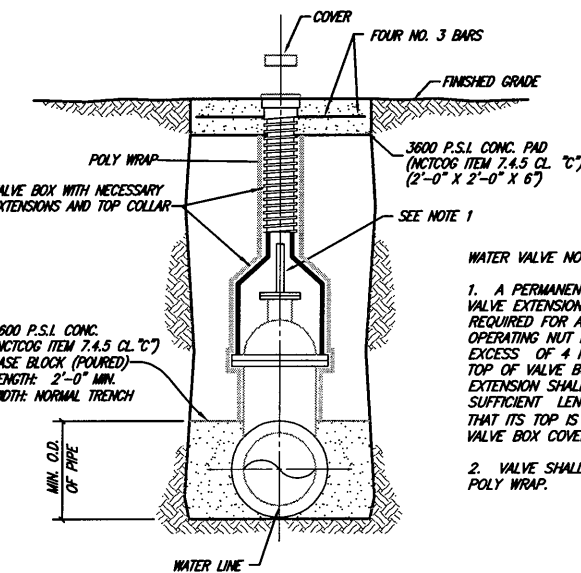
WATER SERVICE ASSEMBLY



BLOW OFF VALVE ASSEMBLY

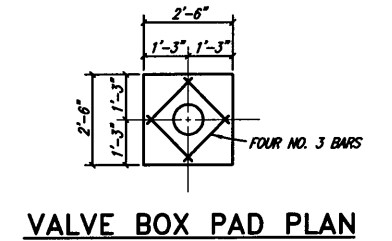
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BY PAC DATE 4/10/08

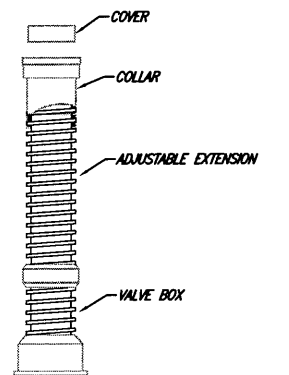


GATE VALVE SETTING & BOX

- WATER VALVE NOTES:**
1. A PERMANENTLY ATTACHED VALVE EXTENSION STEM SHALL BE REQUIRED FOR ANY VALVE WHOSE OPERATING NUT IS LOCATED IN EXCESS OF 4 FEET BELOW THE TOP OF VALVE BOX. THIS EXTENSION SHALL BE OF SUFFICIENT LENGTH TO INSURE THAT ITS TOP IS WITHIN 4" OF THE VALVE BOX COVER.
 2. VALVE SHALL BE WRAPPED IN POLY WRAP.



VALVE BOX PAD PLAN



VALVE BOX WITH EXTENSION

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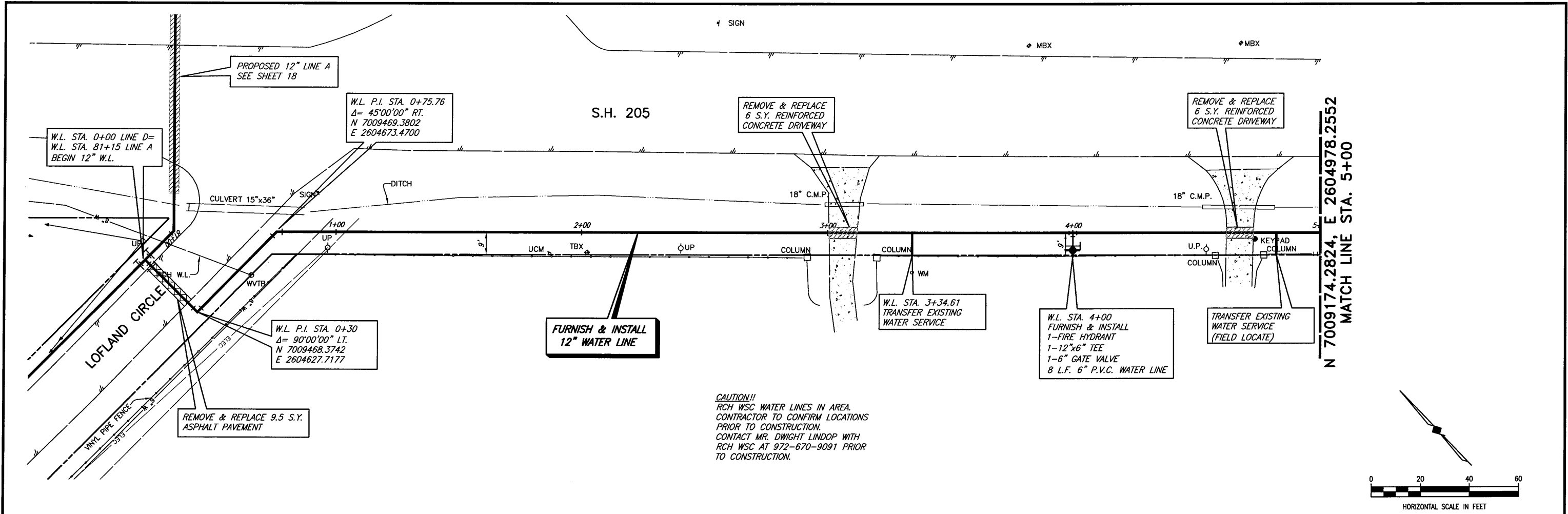
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DATE: 6/12/07

CITY OF ROCKWALL, TEXAS
F.M. 549 WATER LINE IMPROVEMENTS
NOTES AND DETAILS

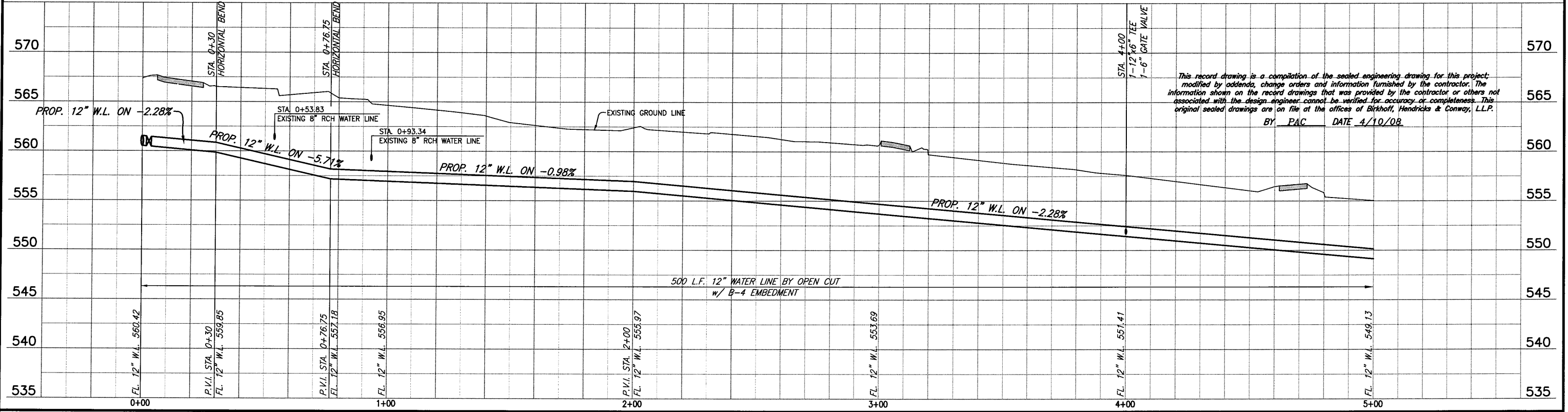
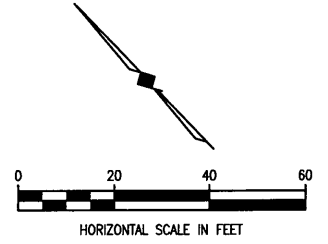
BHC PROJECT NO. 2006-150
July, 2007

SHEET NO. 29

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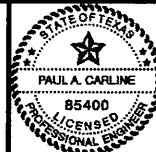
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 BY: PAC DATE: 4/10/08

FIELD CHANGE NO. 2 (8/06/07) S.H. 205 WATER LINE ADDITION

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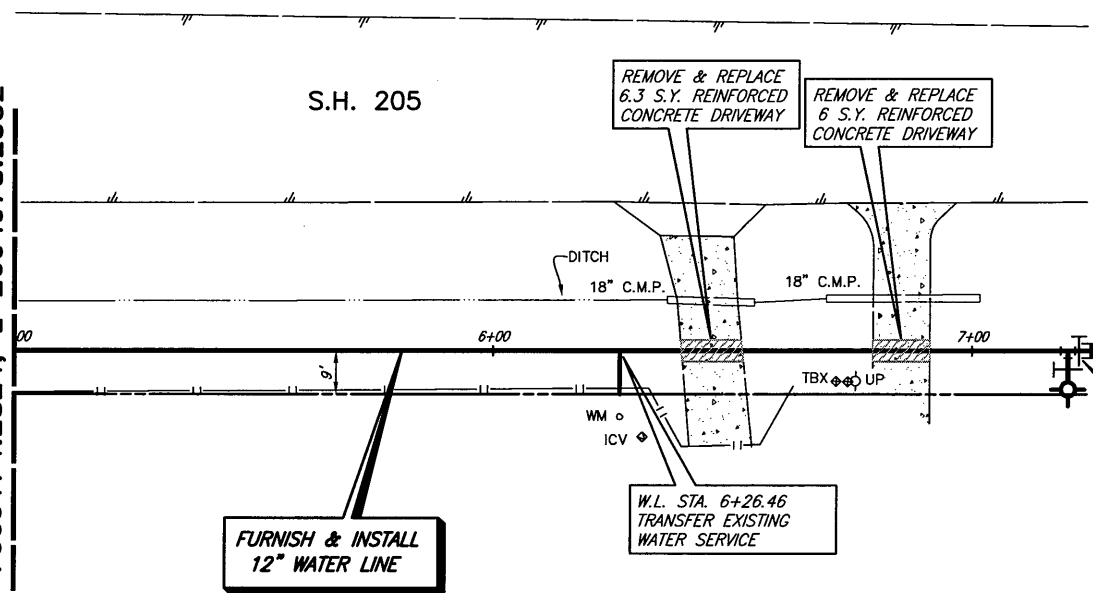
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CITY OF ROCKWALL, TEXAS
 S.H. 205 WATER LINE
 12" WATER LINE (LINE D)
 PLAN - PROFILE
 STA. 0+00 TO STA. 5+00

BHC PROJECT NO. 2006-150	SHEET NO. 30
August, 2007	

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MATCH LINE STA. 5+00
N 7009174.2824, E 2604978.2552

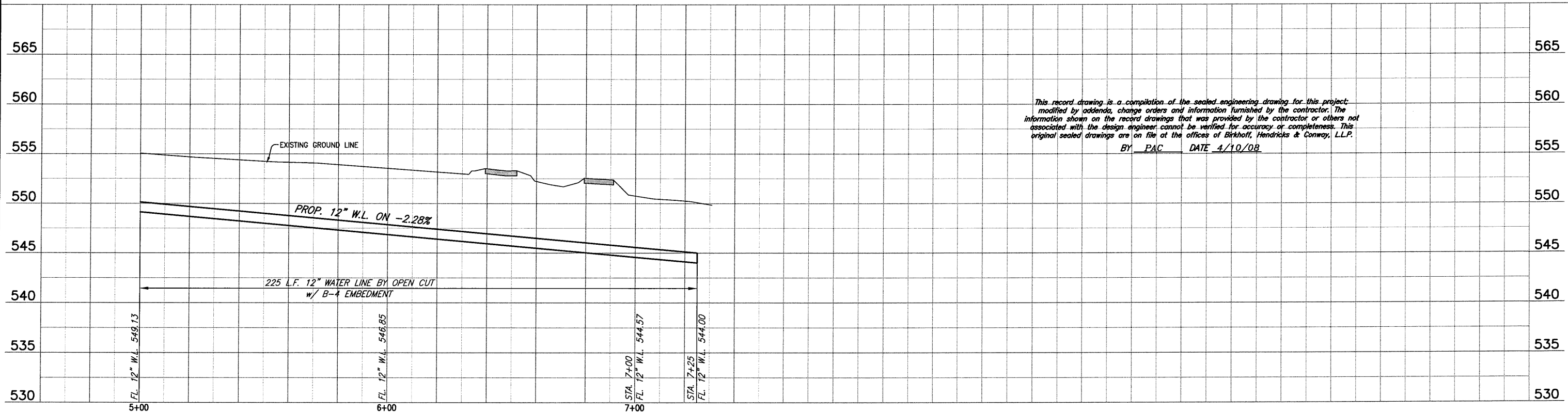
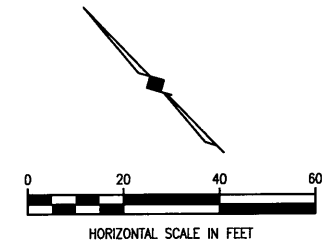


**FURNISH & INSTALL
12" WATER LINE**

W.L. STA. 6+26.46
TRANSFER EXISTING
WATER SERVICE

W.L. STA. 7+25
N 7009017.7730
E 2605139.9024
FURNISH & INSTALL:
1-12"x6" TEE
1-6" GATE VALVE
1-STD. FIRE HYDRANT
8 L.F. 6" P.V.C. WATER LINE
1-12" GATE VALVE
1-12" PLUG

CAUTION!!
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CONTRACTOR TO CONFIRM LOCATIONS
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FIELD CHANGE NO. 2 (8/06/07) S.H. 205 WATER LINE ADDITION

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CITY OF ROCKWALL, TEXAS
S.H. 205 WATER LINE
12" WATER LINE (LINE D)
PLAN - PROFILE
STA. 5+00 TO STA. 7+25

BHC
PROJECT NO.
2006-150
December, 2007
SHEET NO.
31