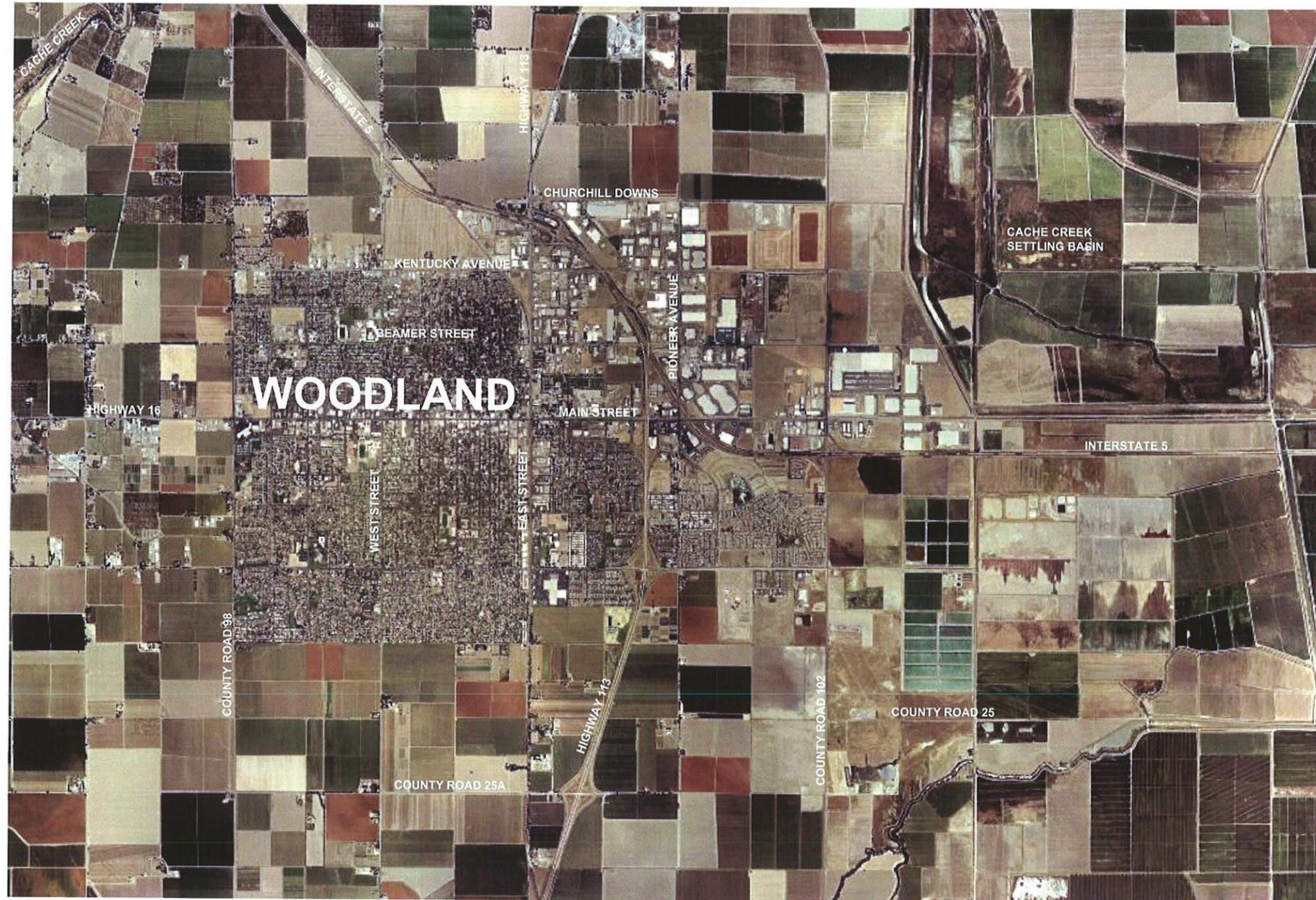


STORM DRAINAGE FACILITIES MASTER PLAN UPDATE & PRELIMINARY ENGINEERING REPORT

CITY OF WOODLAND

WOODLAND, CALIFORNIA

FEBRUARY 2006



HALF-SIZE PRINT

DESIGNED BY J.PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L.CURD						
REVIEWED BY M.NOWLAN						
FILE:						

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St, Bldg. 100-B Tel 916.341.7780
Sacramento, CA 95816 Fax 916.341.7797

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____ P.E. _____
REGISTRATION EXP.: _____

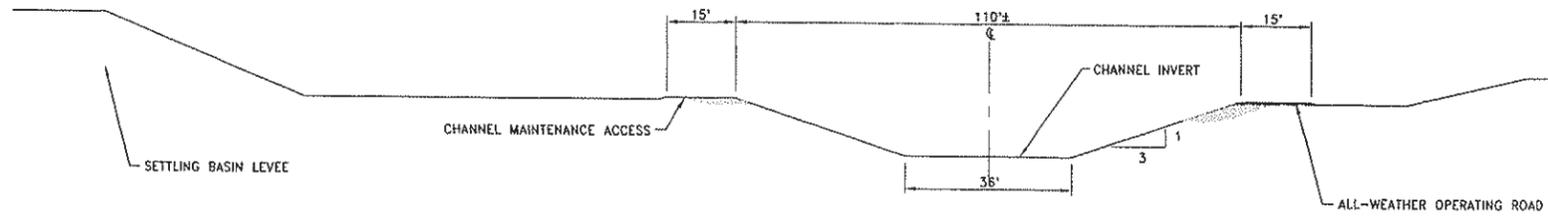
CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

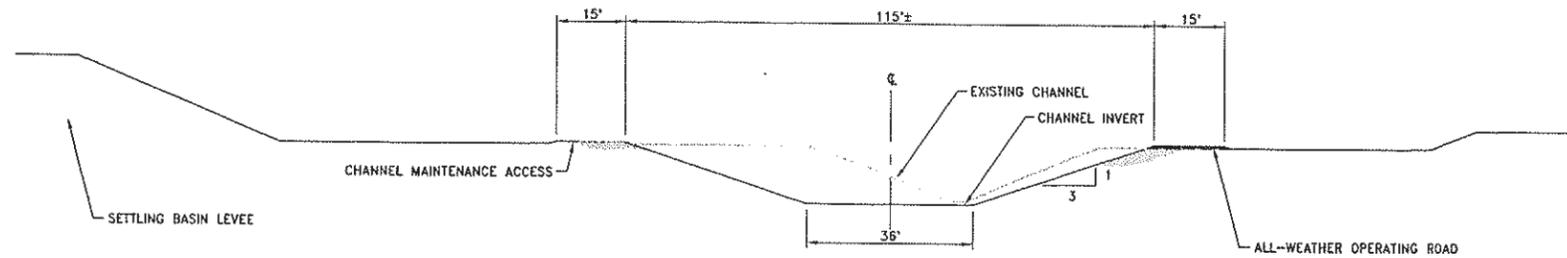
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
UPDATE & PRELIMINARY ENGINEERING REPORT

COVER SHEET

SCALE: HORIZ. N/A	SHEET NO. 1 OF 136
VERT. N/A	
DATE: February 2006	
PROJECT NO. 8164.004	



STA 26+00



STA 85+00

TYPICAL CHANNEL SECTIONS
SCALE: 1"=20'

NOTE:
EXISTING CHANNEL SECTION BELOW WATERLINE IS ASSUMED DUE TO SURVEY LIMITATION.

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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St. Bldg. 100-B Sacramento, CA 95816
Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____
P.E. _____
REGISTRATION EXP.: _____

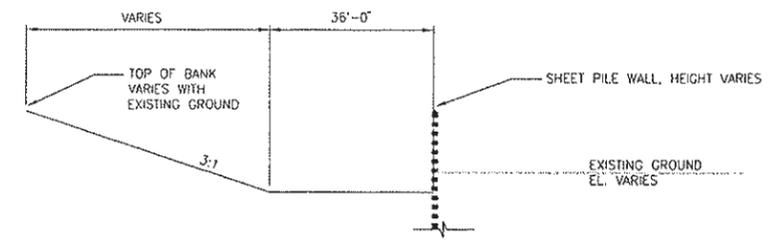
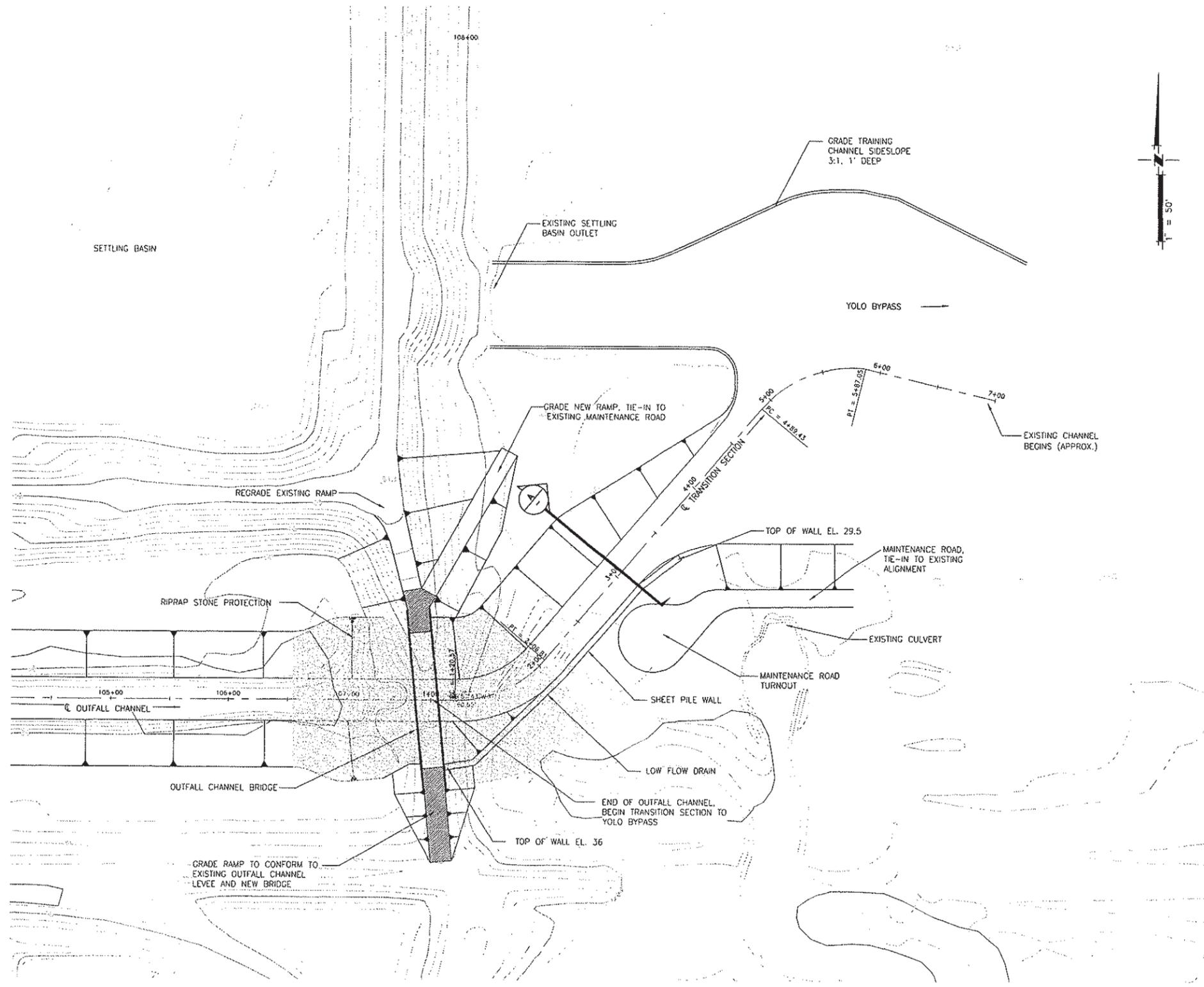
CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY DATE _____

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PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
OUTFALL CHANNEL
TYPICAL CROSS SECTIONS

SCALE: HORIZ. N/A VERT. 1"=20'	SHEET NO. 134 OF 136
DATE: February 2006	PROJECT NO. 8164.004

\\sbs\p161-c\city\woodland\BPA\BPA-505\BPA-505.dwg 2/26/06 8:14pm lcurd



SECTION A-A
SCALE: 1" = 20'

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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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3301 C St, Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95818 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____ P.E.
REGISTRATION EXP.: _____

CITY OF WOODLAND RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____ DATE _____
DICK DONNELLY

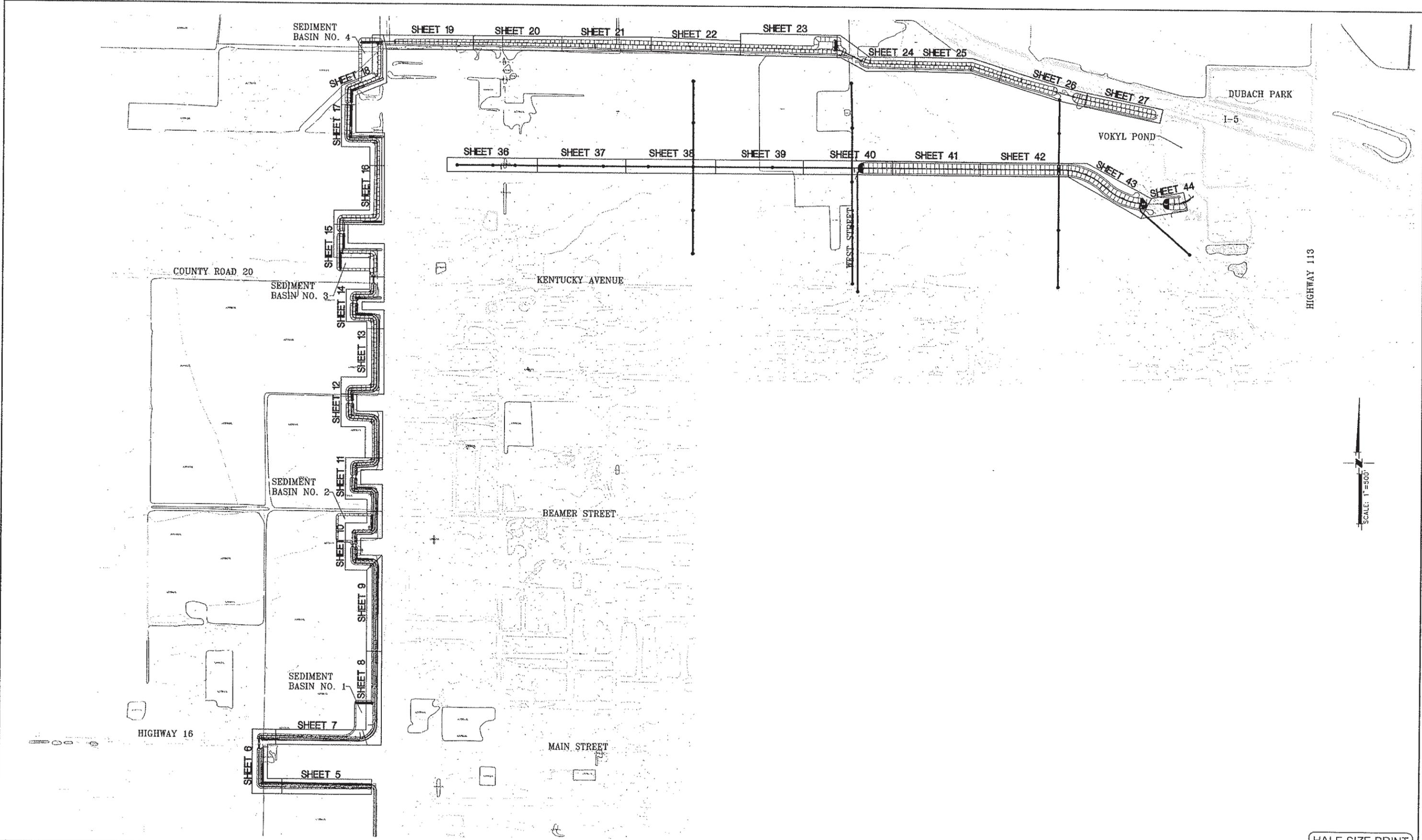
CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
OUTFALL CHANNEL
OUTFALL CHANNEL OUTLET
PLAN AND SECTION

SCALE: HORIZ. AS SHOWN	SHEET NO. 136 OF 136
VERT. AS SHOWN	
DATE: February 2006	
PROJECT NO. 8164.004	

HALF-SIZE PRINT

4: \pww\18-City\Woodland\8164-004-557.dwg Outfall Channel\City\Woodland\8164-004-136-001-OC.dwg 2/06/06 8:15pm lcurd



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DRAWN BY L.CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M.NOWLAN					
FILE:					

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 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____
 DICK DONNELLY DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR AND VOLKL TRUNK
 PLAN AND PROFILE
 INDEX SHEET

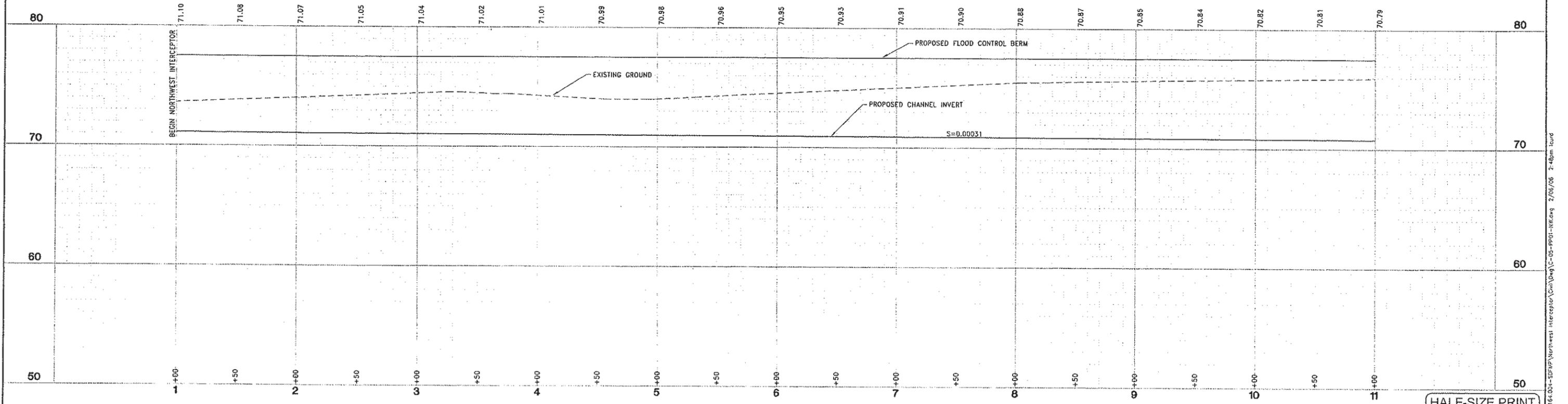
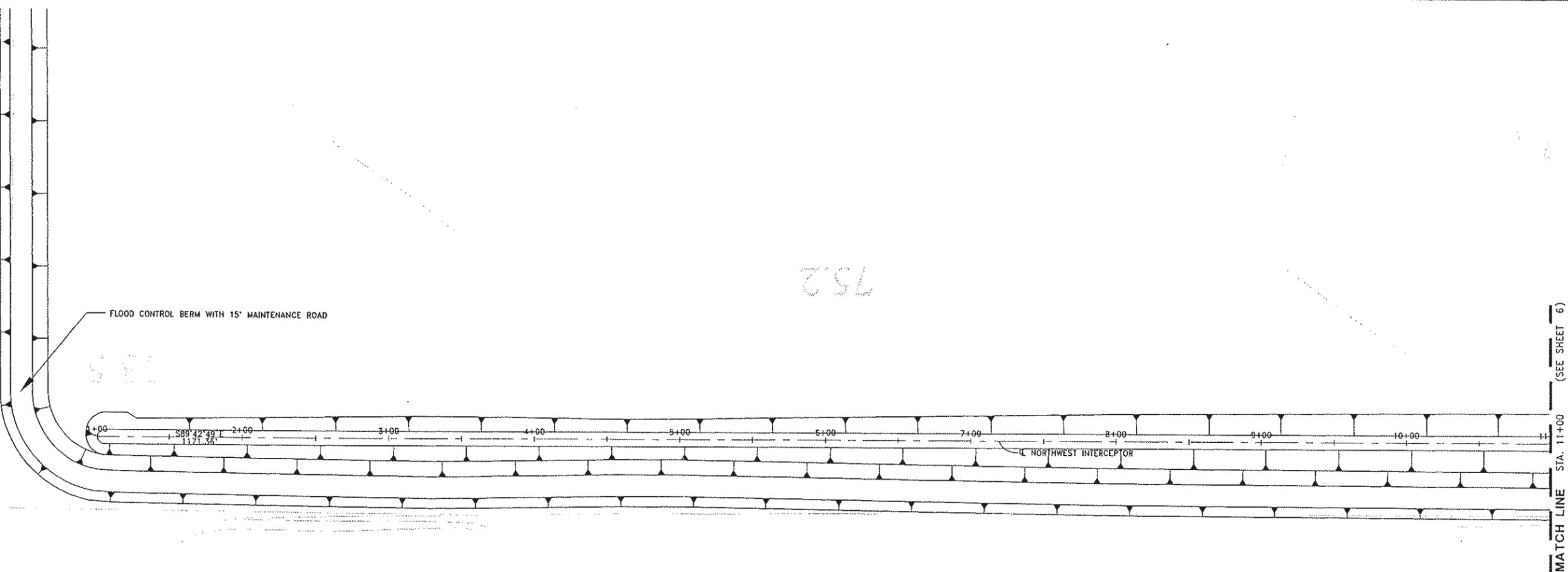
HALF-SIZE PRINT

SCALE: 1"=500'	SHEET NO. 4
HORIZ. 1"=500'	
VERT. 1"=500'	OF
DATE: February 2006	136
PROJECT NO. 8164.004	

SCALE: 1"=40'

752

FLOOD CONTROL BERM WITH 15' MAINTENANCE ROAD



DESIGNED BY J.PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L.CURD					
REVIEWED BY M.NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3901 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

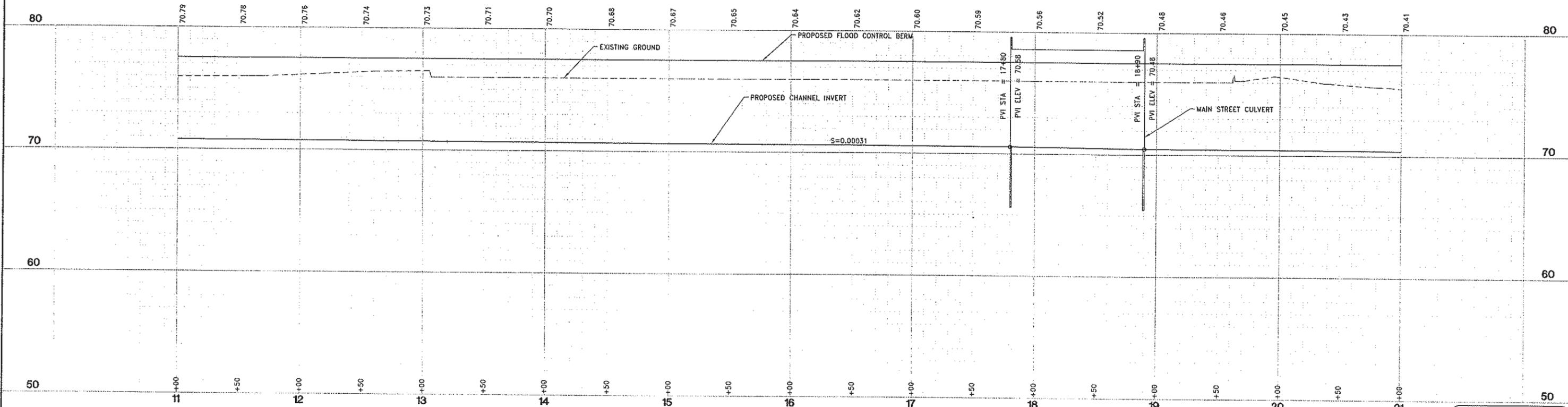
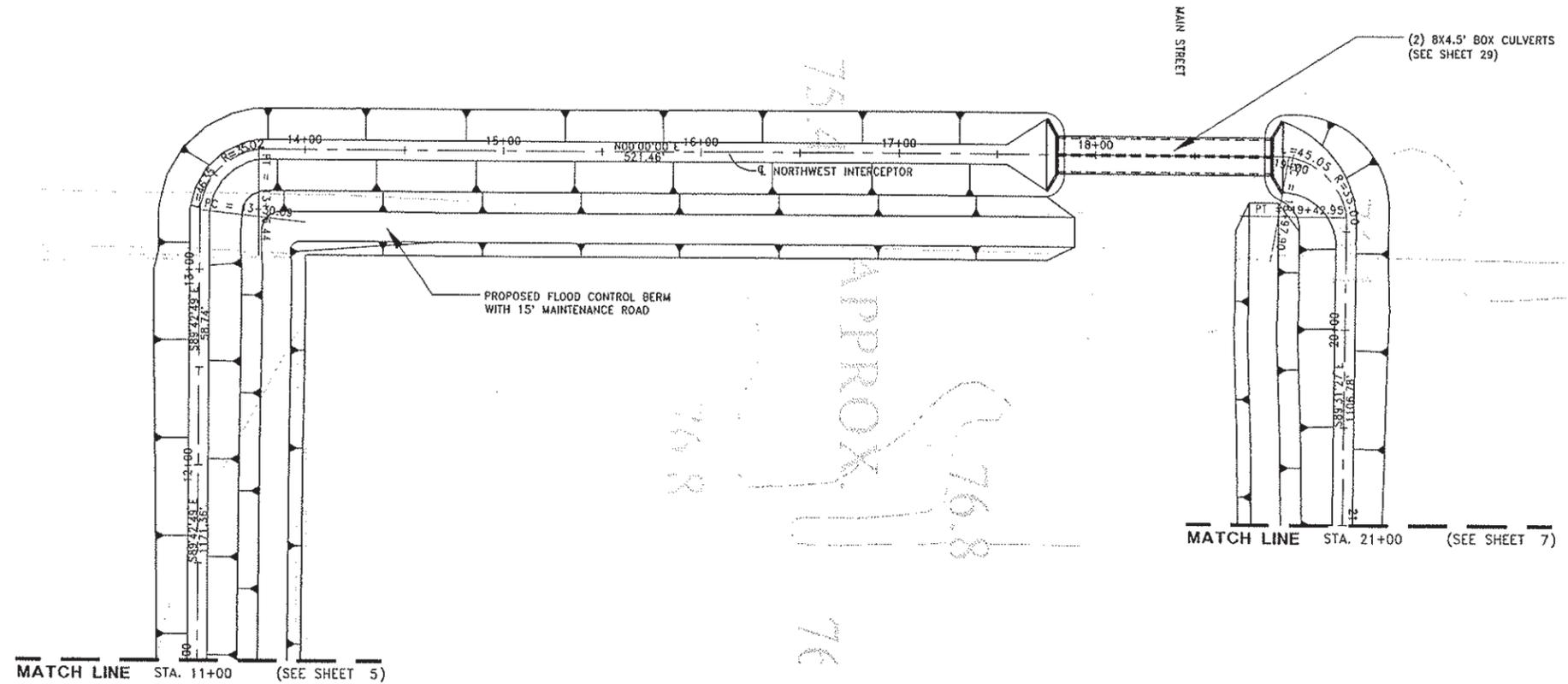
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 1+00 TO 11+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 5 OF 136

HALF-SIZE PRINT

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DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

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 3301 C St, Bldg. 100-B Tel 916.341.7750
 Sacramento, CA 95816 Fax 916.341.7757

PROJECT ENGINEER'S SIGNATURE _____
 CITY OF WOODLAND RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

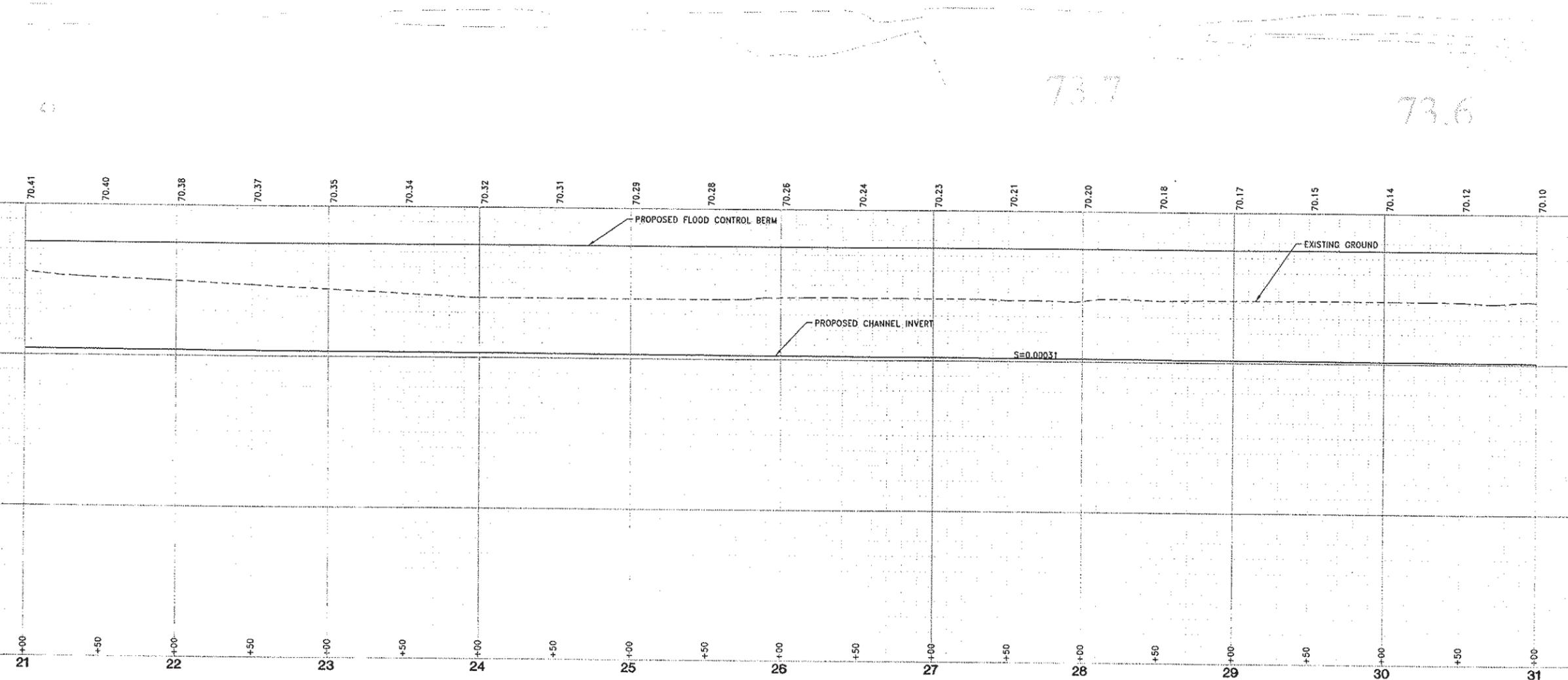
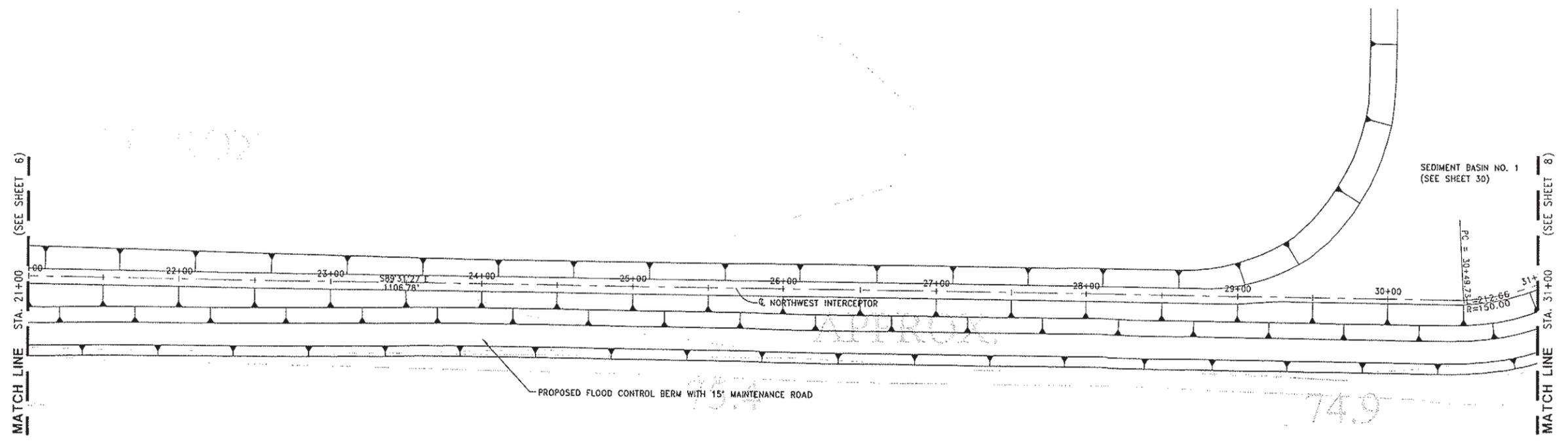
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 11+00 TO 21+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 6 OF 136

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DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

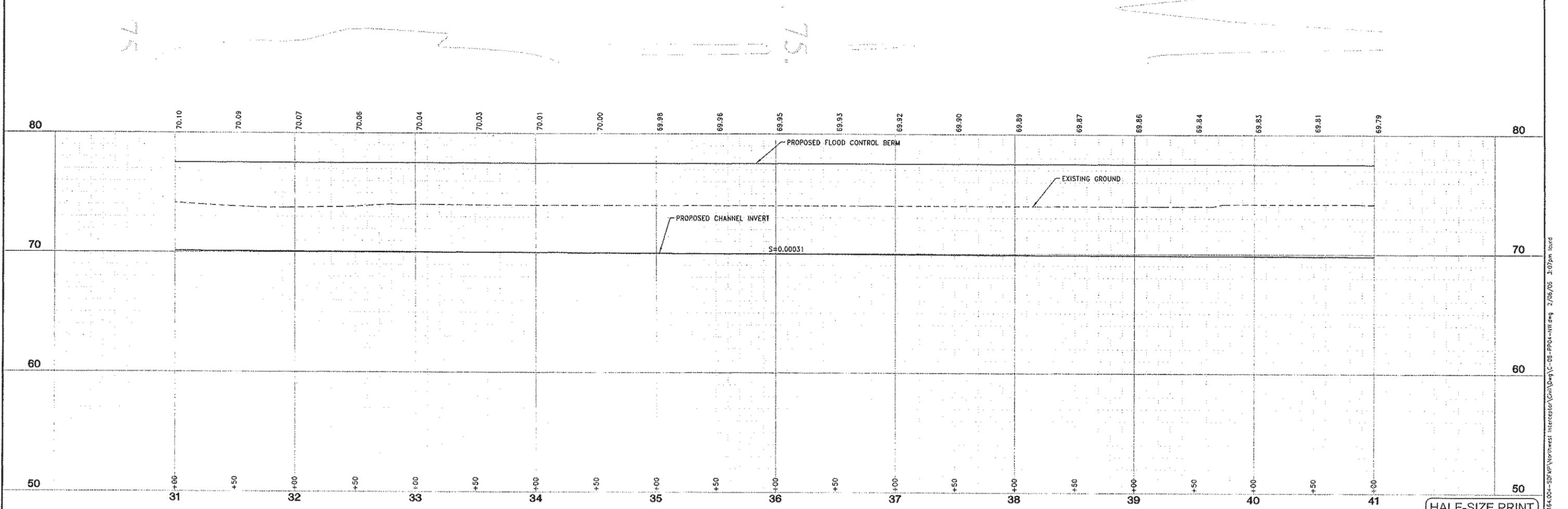
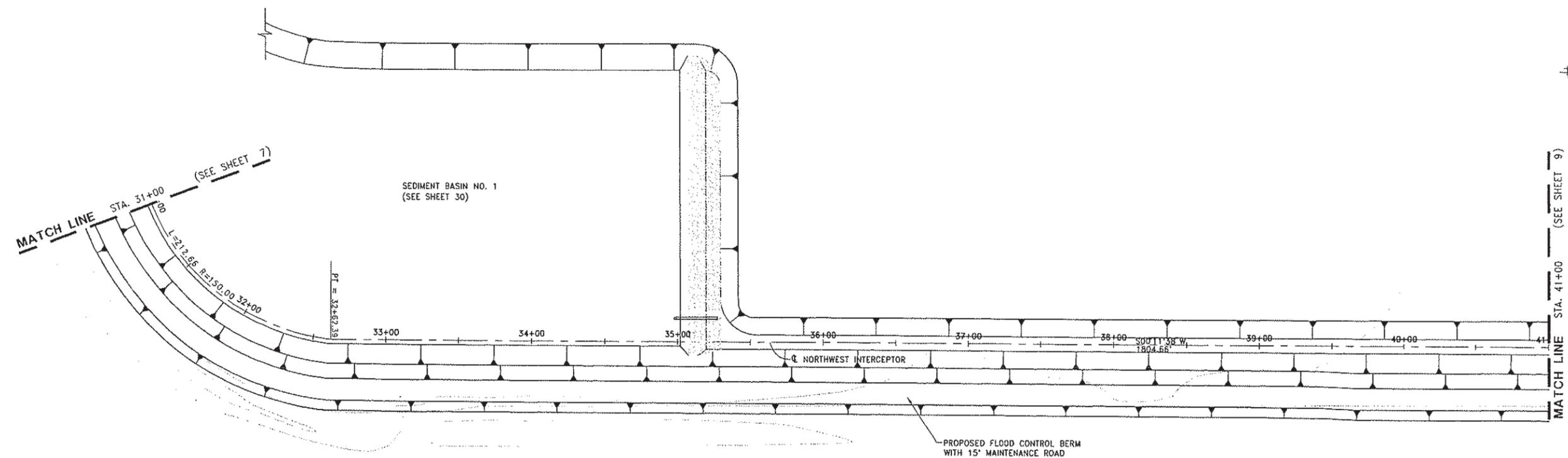
CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 21+00 TO 31+00

SCALE: 1"=40'	SHEET NO. 7 OF 136
HORIZ. 1"=40'	
VERT. 1"=4'	
DATE: February 2006	
PROJECT NO. 8164.004	

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DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

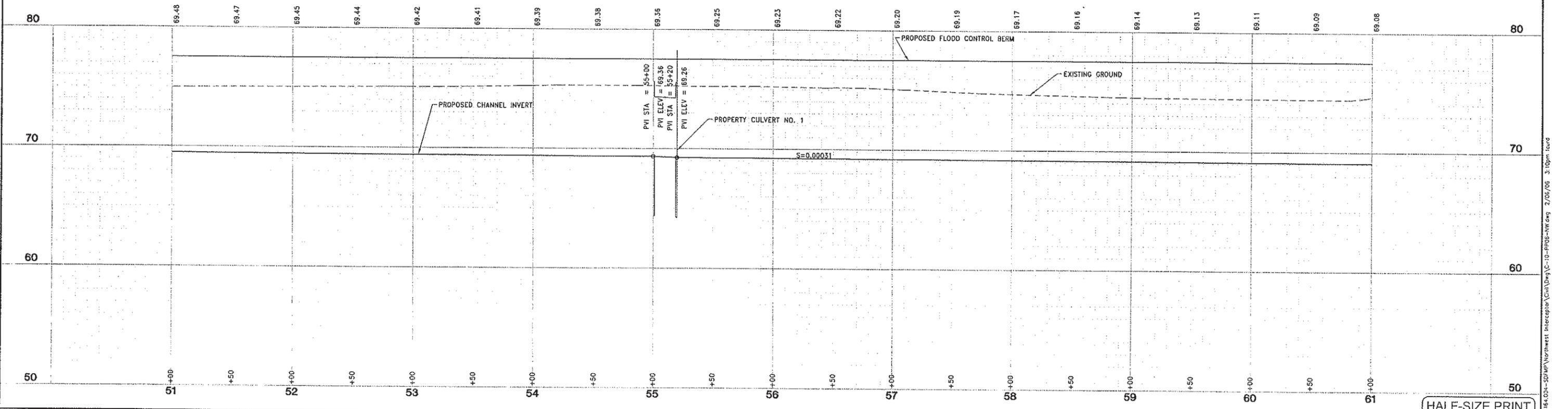
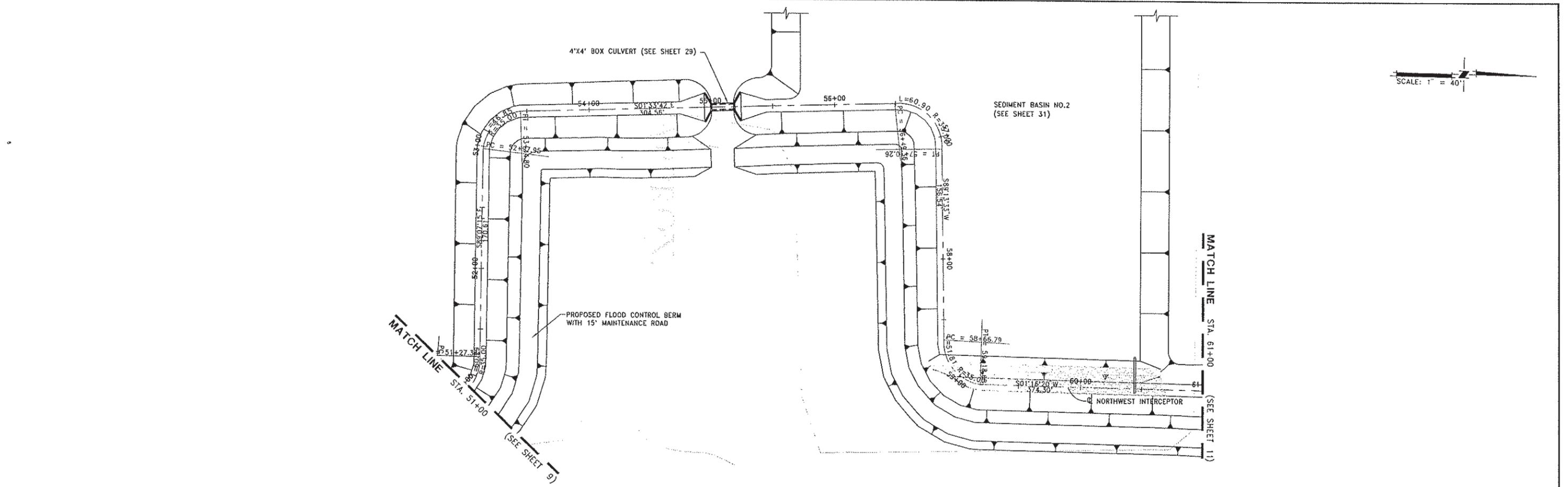
PROJECT ENGINEER'S SIGNATURE _____
 CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 31+00 TO 41+00

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 8 OF 136
DATE: February 2006	PROJECT NO. 8164.004

J:\08164-City of Woodland\Storm Drainage\Northwest Interceptor\1164.004-SP\WP\Northwest Interceptor\1164.004-NW.dwg 2/06/06 3:07pm lcurd



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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

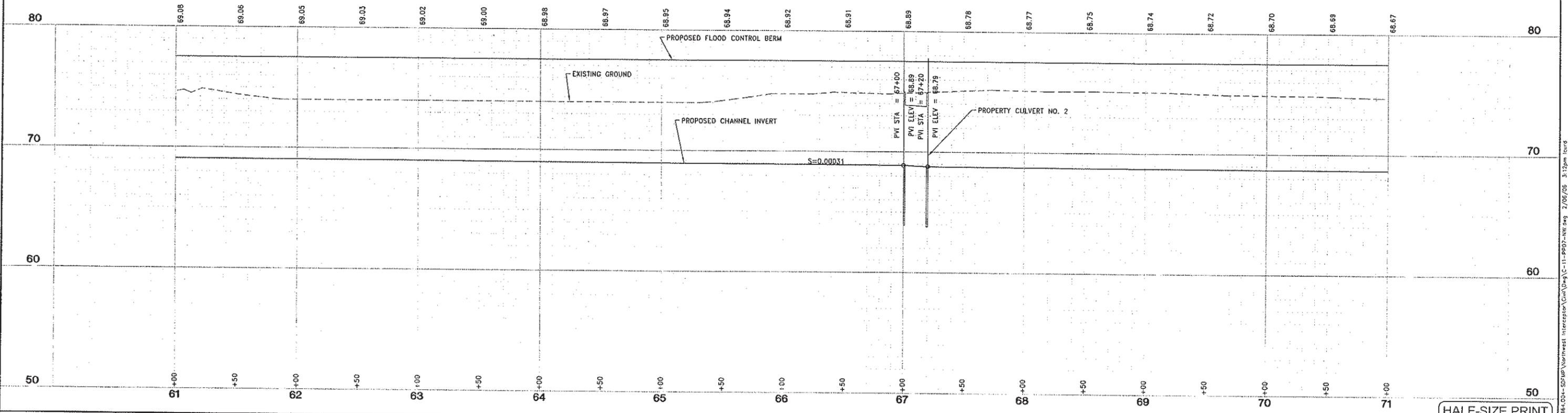
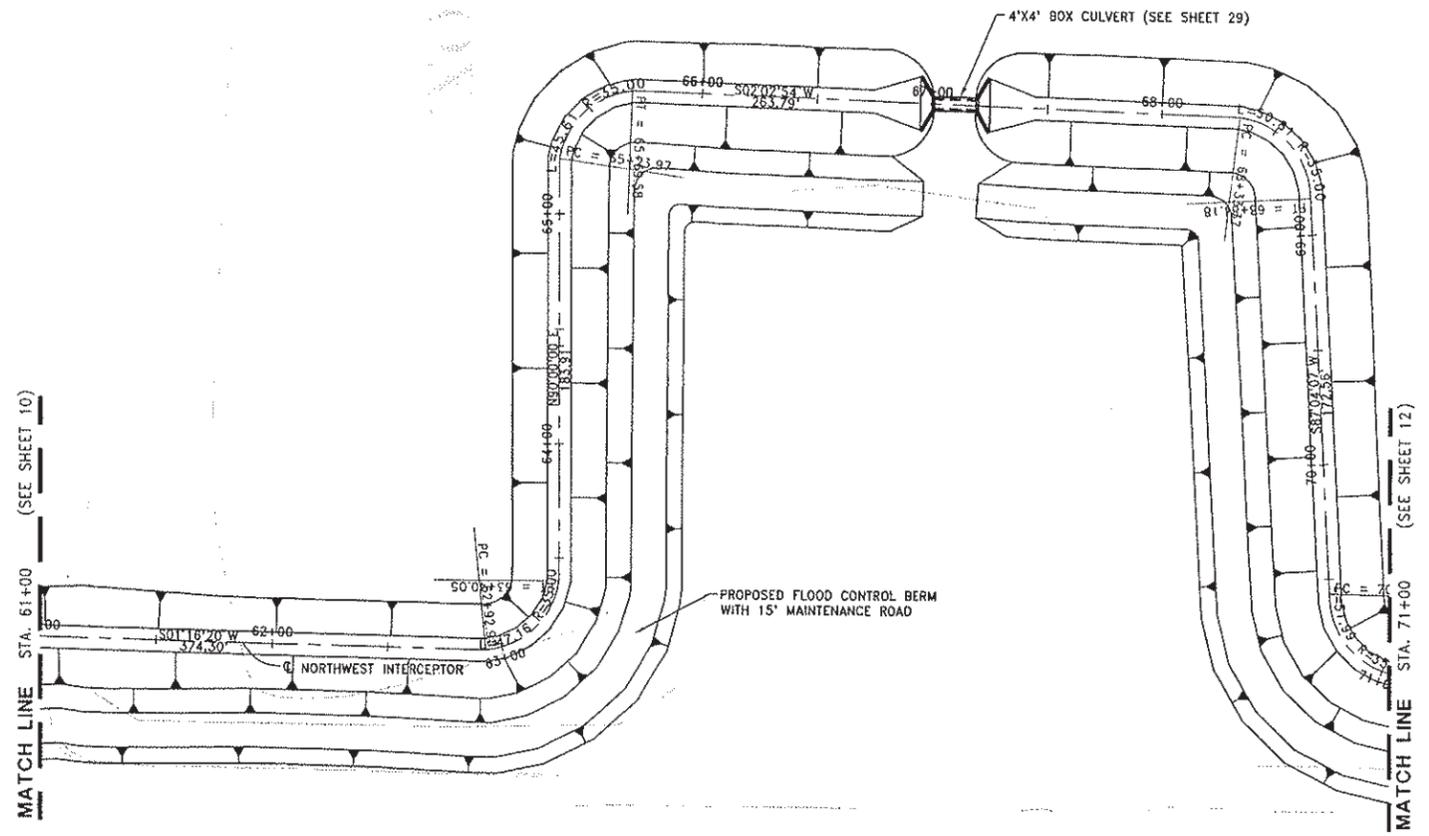
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 51+00 TO 61+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. B164.004

HALF-SIZE PRINT

SHEET NO. 10 OF 136

J:\05a\B164-CityWoodland\B164.004-SP\IP\Northwest Interceptor\Draw\C-10-PROG-NW.dwg 2/06/06 3:10pm lcurd



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
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 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

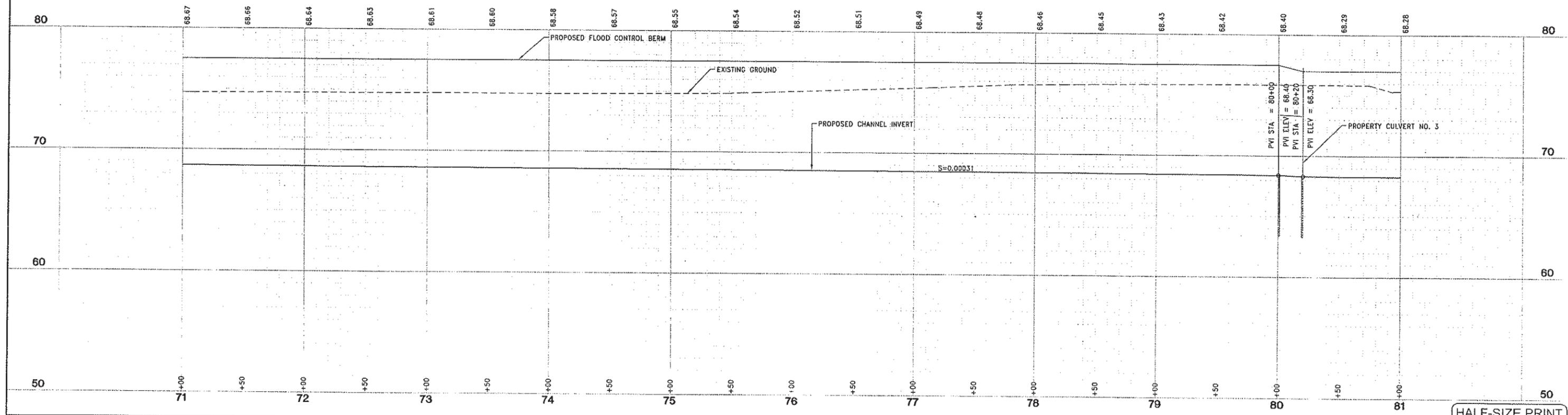
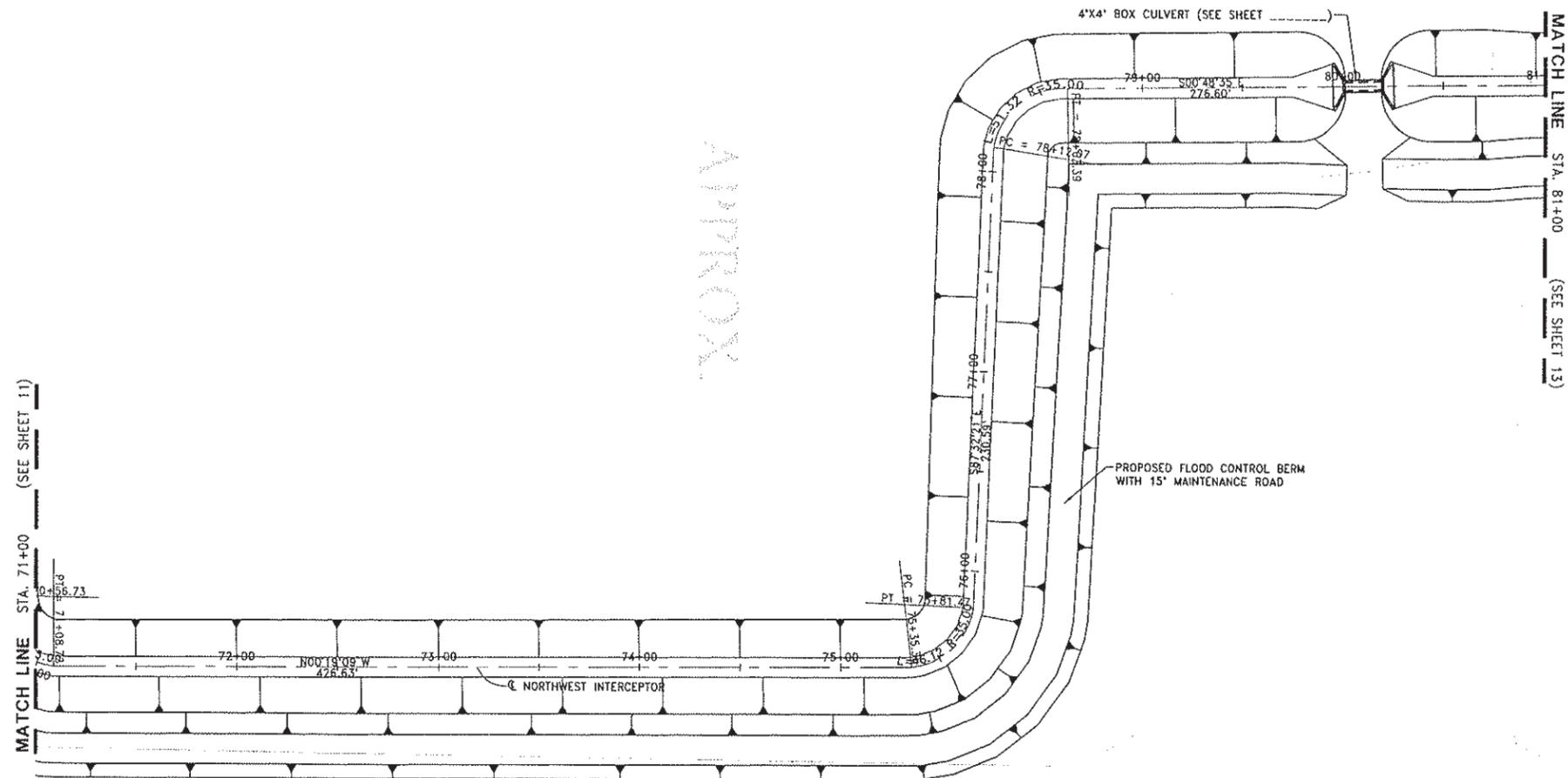
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 61+00 TO 71+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 11 OF 136

J:\Jobs\8164-City of Woodland\8164.004-SP-NP-NW-Interceptor\Drawings\11-PP07-NW.dwg 2/06/06 3:12pm lcurd



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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

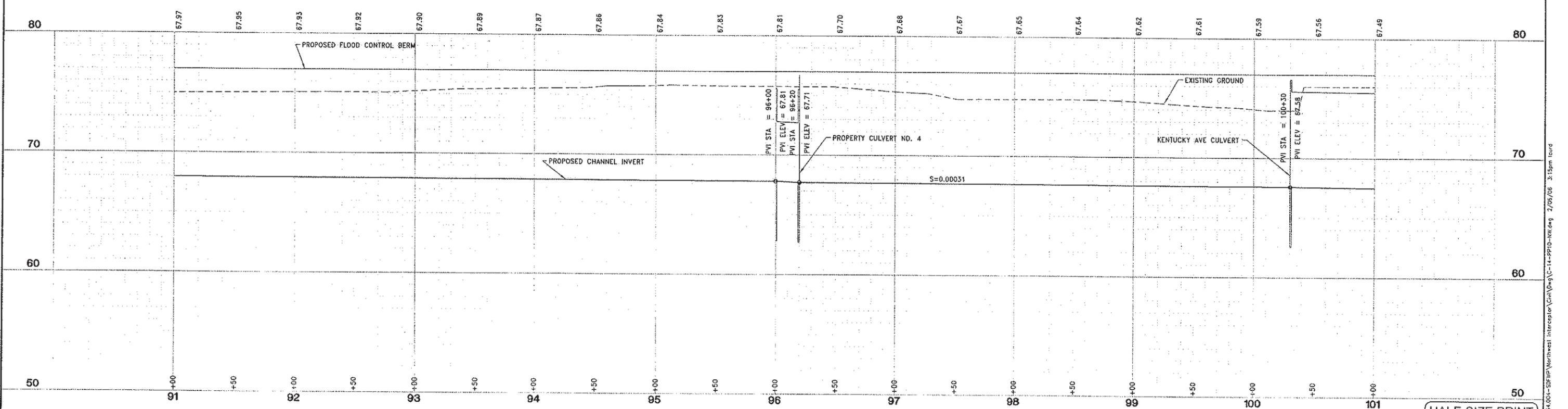
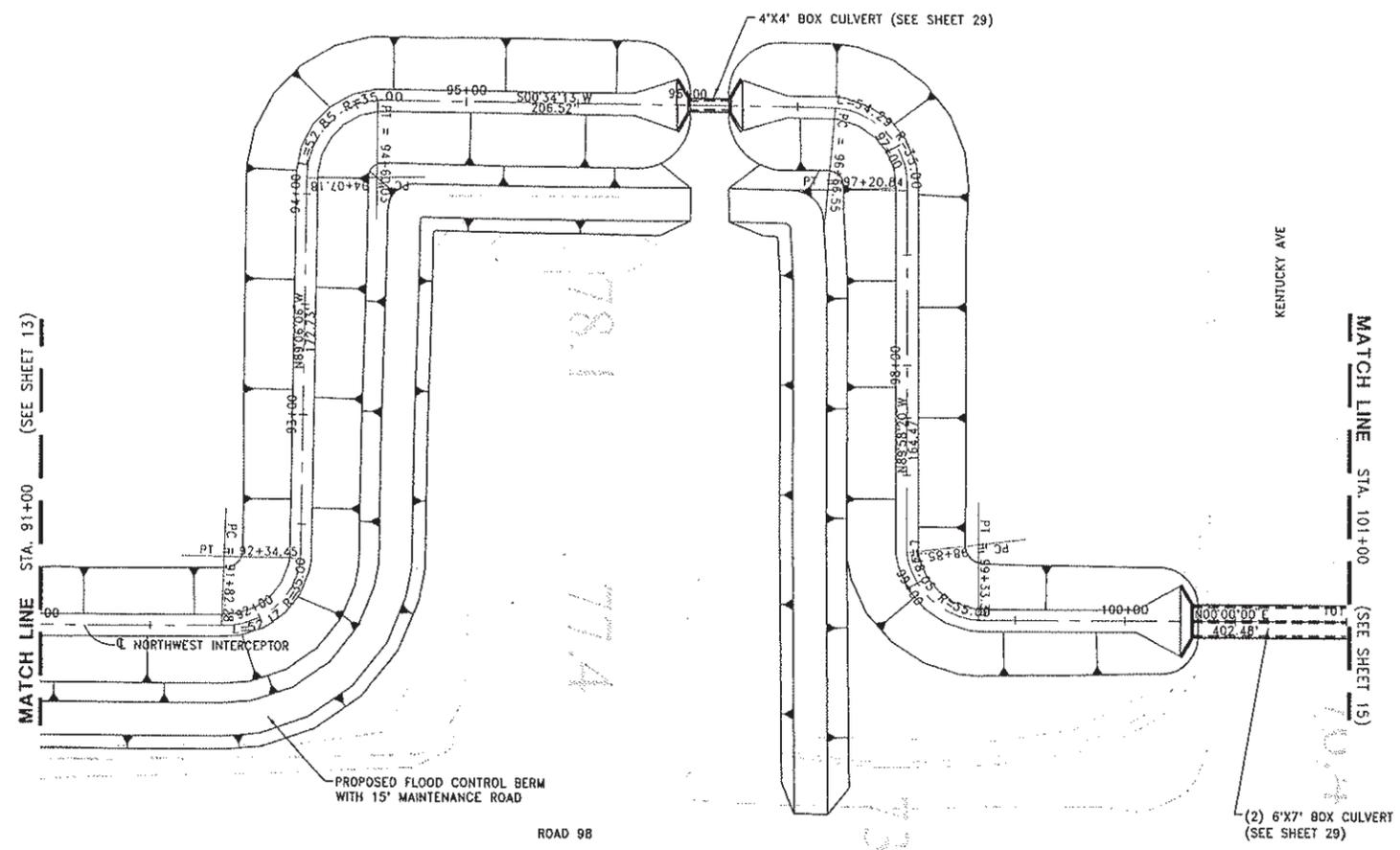
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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 71+00 TO 81+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT
 SHEET NO. 12 OF 136

J:\ms\8164-CityofWoodland\8164.004-SPWP\Northwest Interceptor\Draw\04-12-PP08-NW.dwg 2/06/06 3:13pm tccad



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

WOOD RODGERS
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 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95818 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE _____
 CITY OF WOODLAND RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

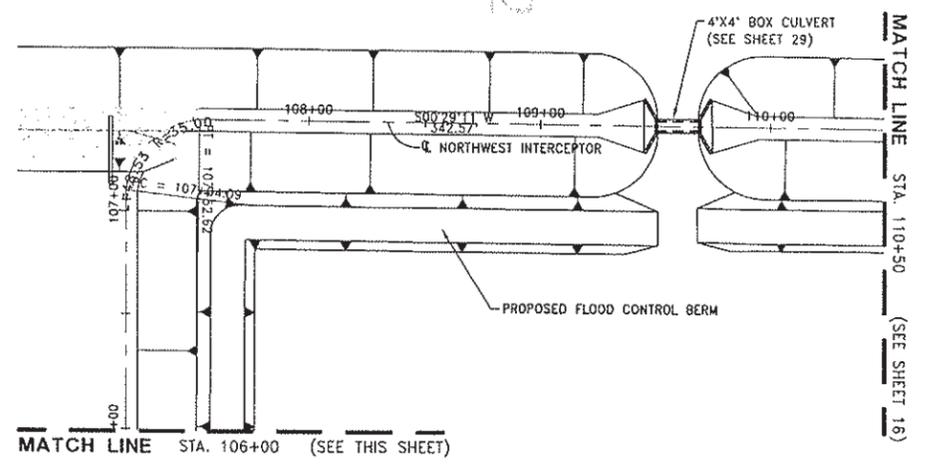
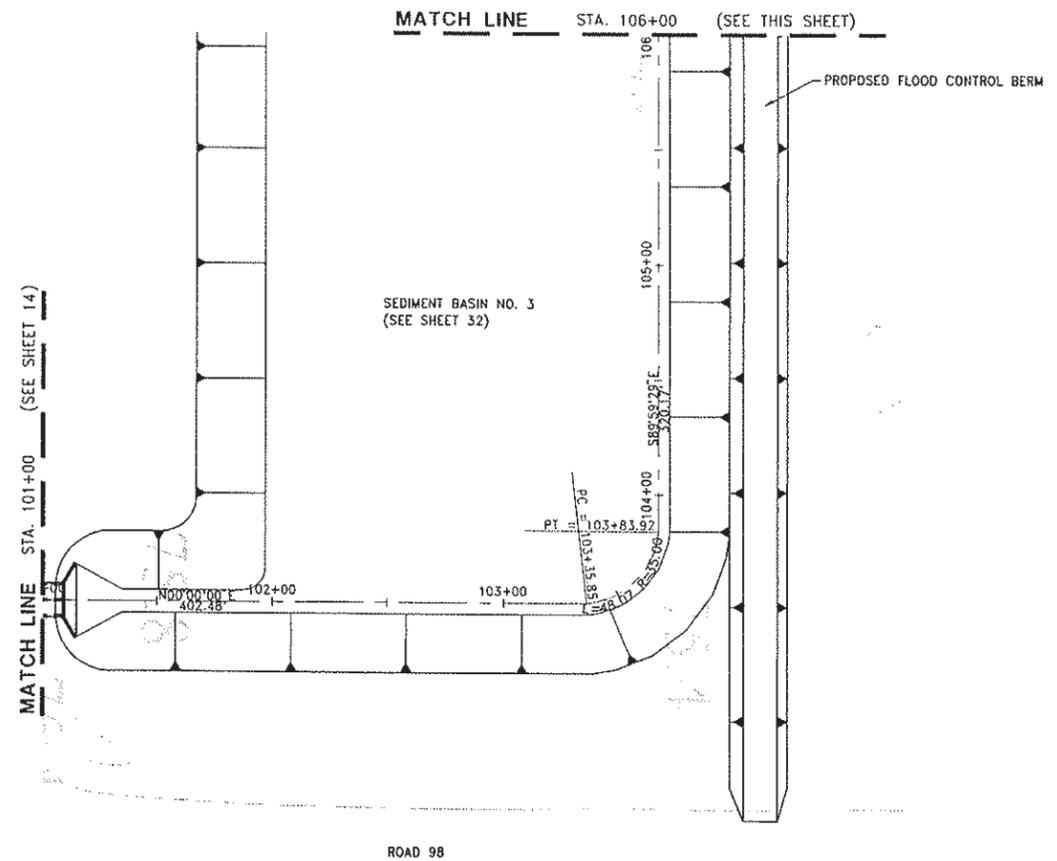
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 91+00 TO 101+00

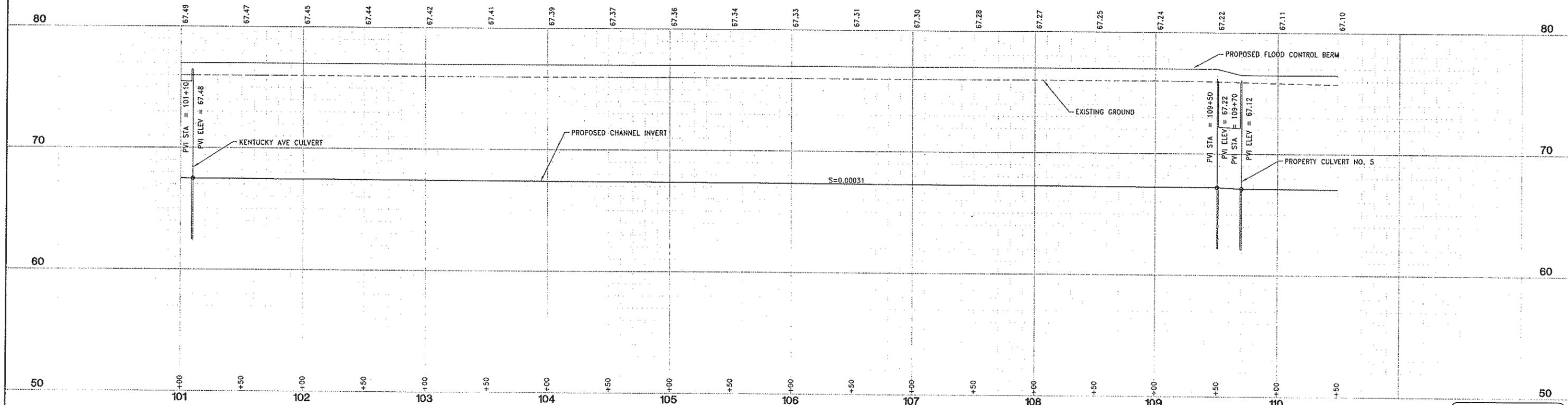
SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 14 OF 136
DATE: February 2006	
PROJECT NO. 8164.004	

HALF-SIZE PRINT

J:\Jobs\816-City of Woodland\8164.004-SP\Map Northwest Interceptor.dwg 2/06/06 3:15pm lcurd



ROAD 98



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. DOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Sacramento, CA 95818
 Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

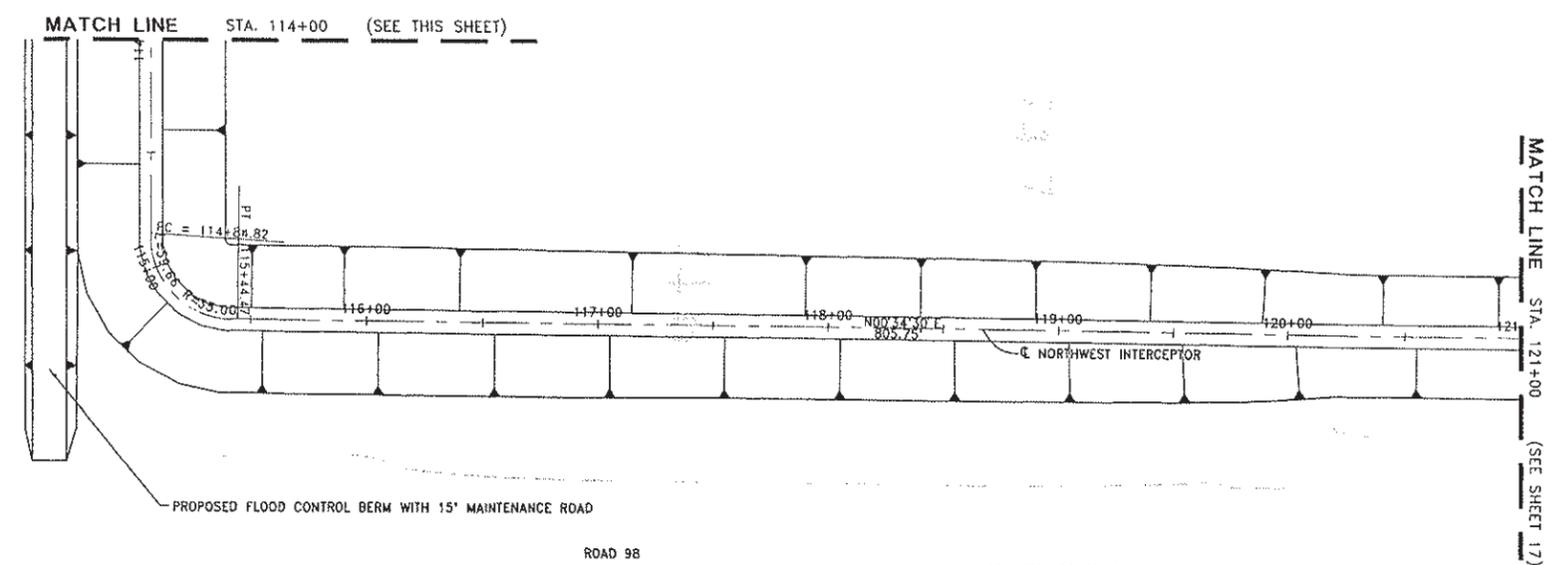
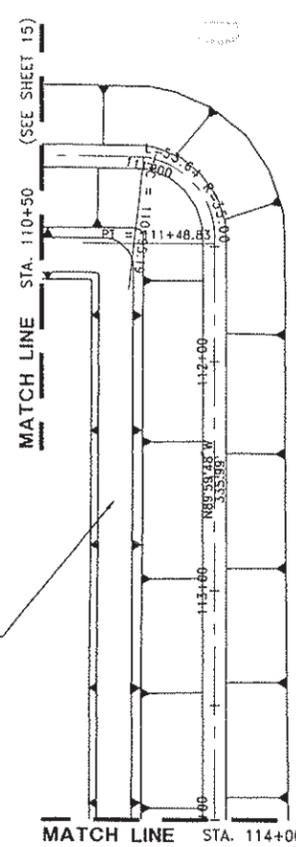
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 101+00 TO 110+50

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 15 OF 136

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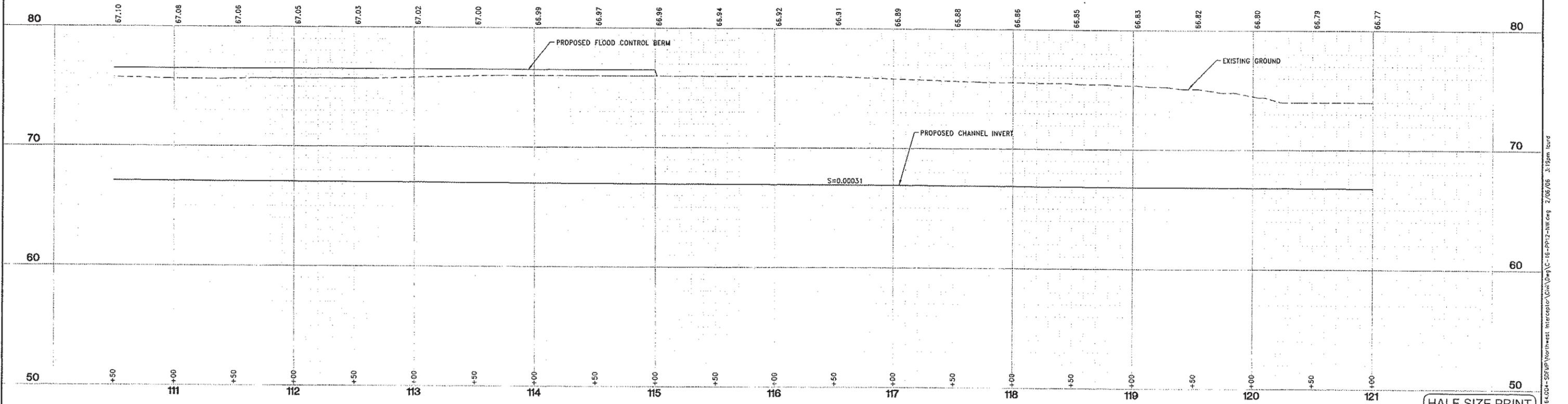
PROPOSED FLOOD CONTROL BERM WITH 15' MAINTENANCE ROAD

PROPOSED FLOOD CONTROL BERM WITH 15' MAINTENANCE ROAD

ROAD 98

MATCH LINE STA. 114+00 (SEE THIS SHEET)

MATCH LINE STA. 121+00 (SEE SHEET 17)



DESIGNED BY J.PRITCHARD	REVISIONS				
DRAWN BY L.CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M.NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 110+50 TO 121+00

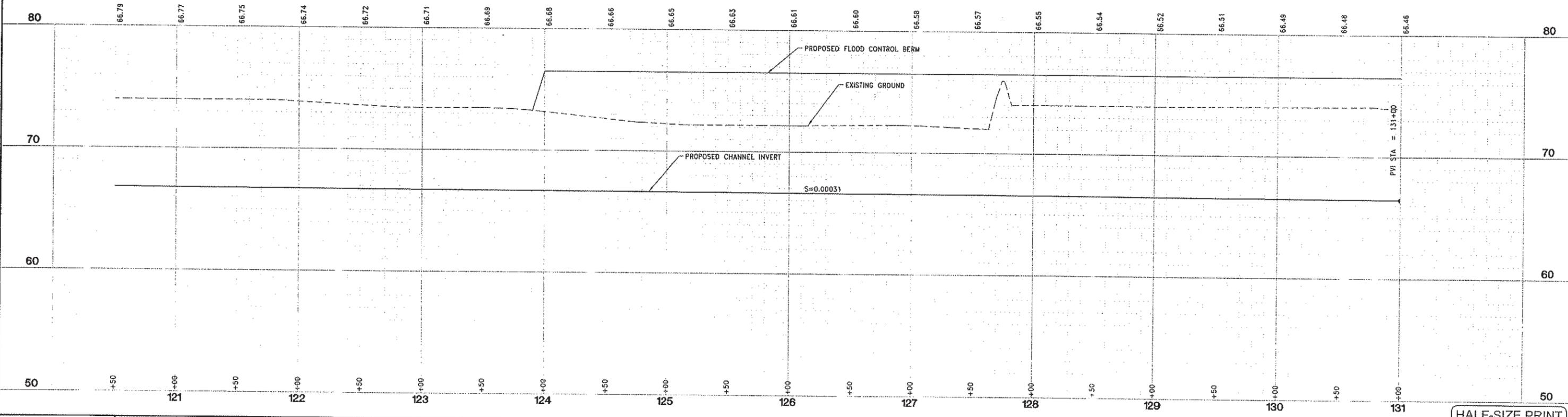
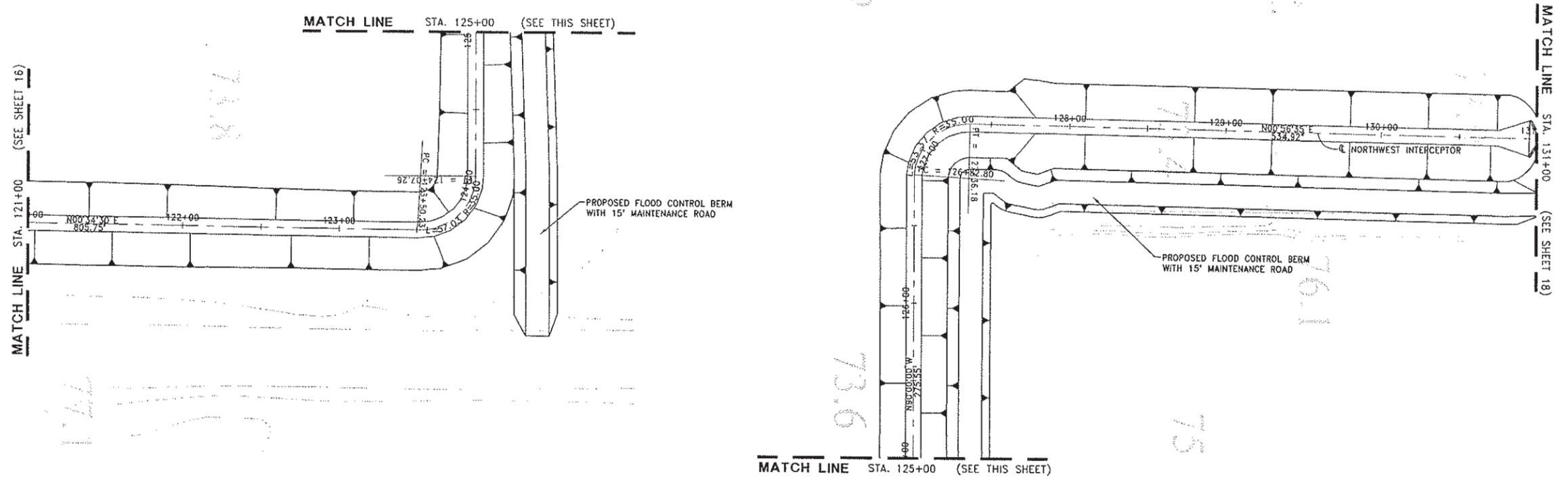
SCALE: HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 16 OF 136

J:\05\8164-CityOfWoodland\8164.004-SDFMP\Northwest Interceptor\DWG\C-16-PP12-AW.dwg 2/06/06 3:19pm lcurd

SCALE: 1" = 40'



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Sacramento, CA 95818
 Tel 916.341.7760 Fax 916.341.7797

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

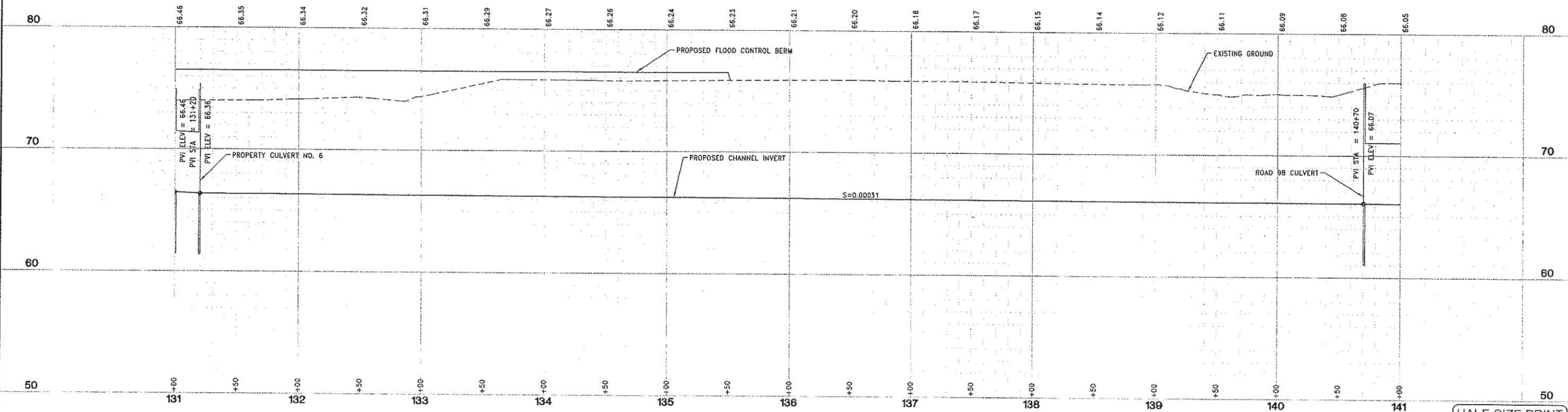
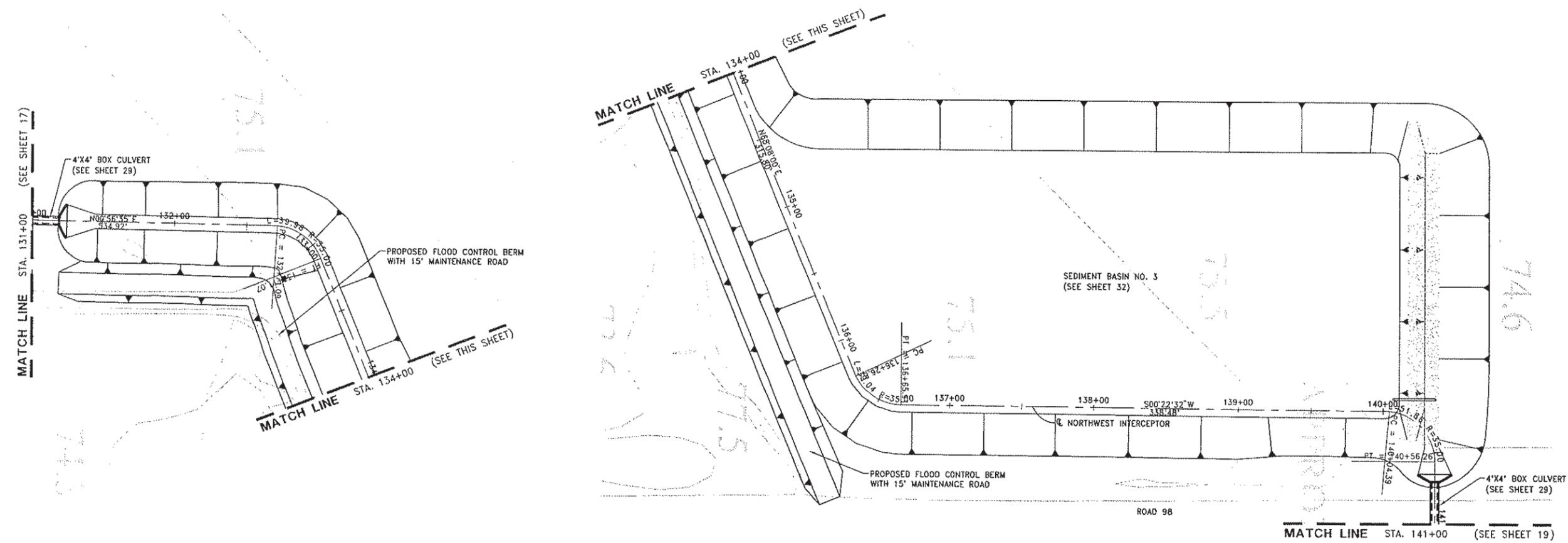
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 121+00 TO 131+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 17 OF 136

J:\ss\8164-CityofWoodland\8164.004-5061P\Northwest Interceptor\Civil\Drawg\C-17-PP13-NW.dwg 2/06/06 3:30pm Isard



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Sacramento, CA 95816
 Tel 916.341.7780 Fax 916.341.7787

CITY OF WOODLAND
 PROJECT ENGINEER'S SIGNATURE
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK BONNELLY
 BY: _____ DATE: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

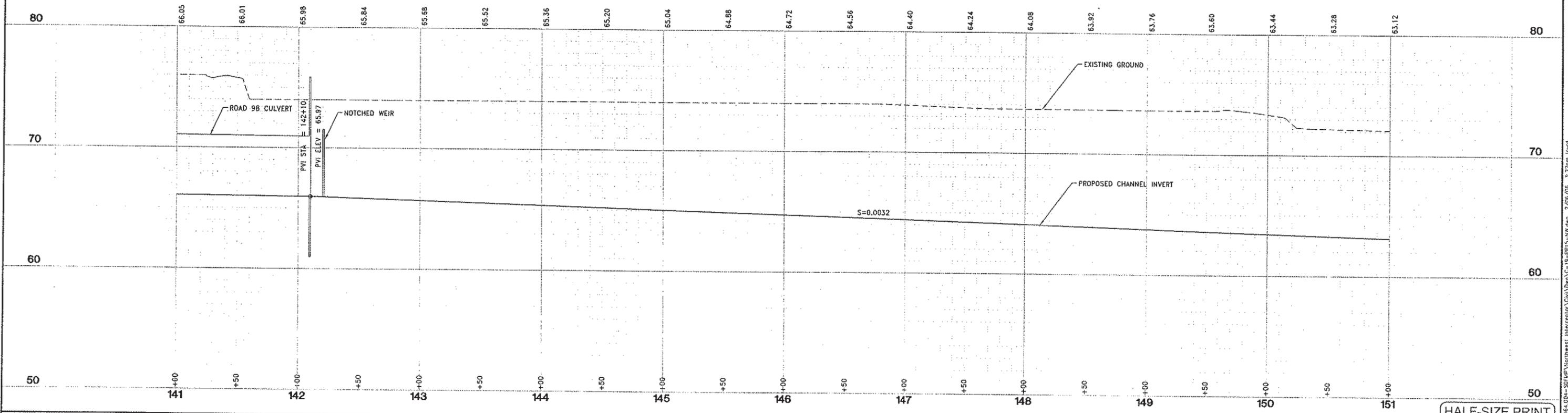
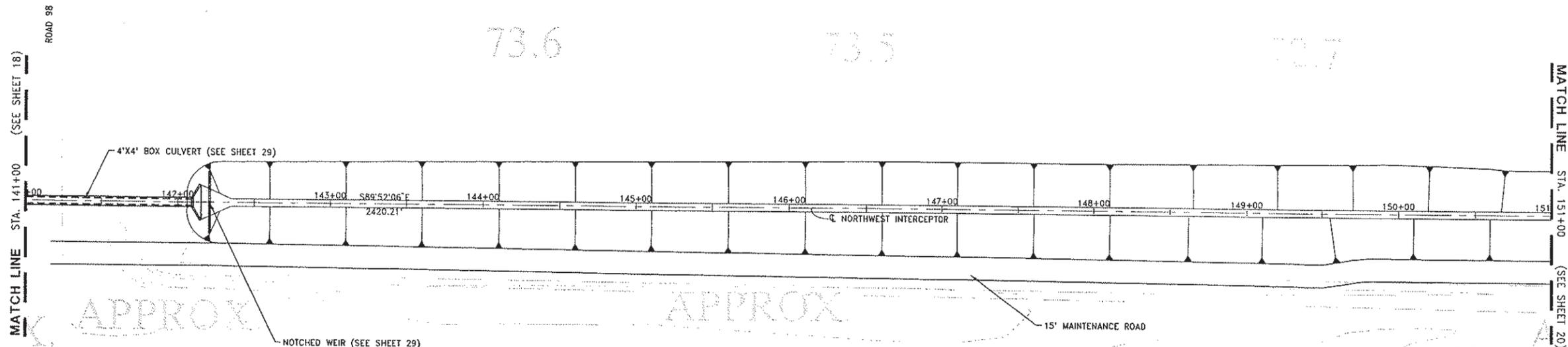
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 131+00 TO 141+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 18 OF 136

J:\apps\8164-City of Woodland\8164-004-SDF\WP\Northwest Interceptor\Draw\Eng\C-18-PF14-NR.dwg 2/06/06 3:21pm lcurd



DESIGNED BY J.PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L.CURD						
REVIEWED BY M.NOWLAN						
FILE:						

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE _____
 CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

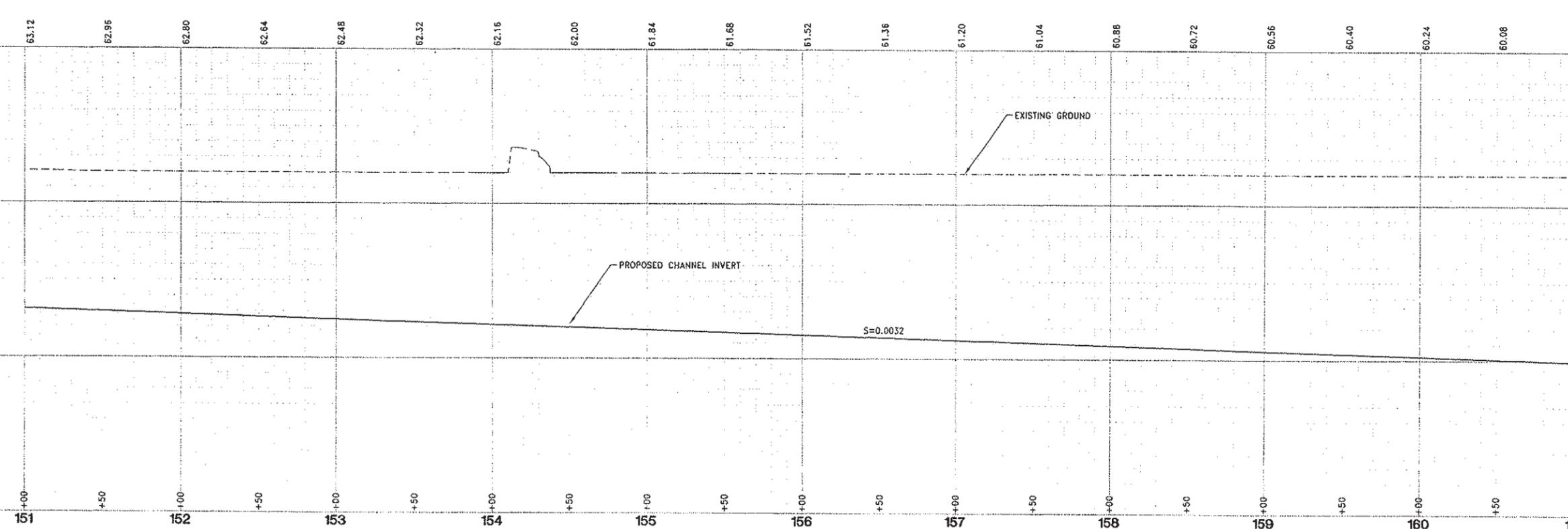
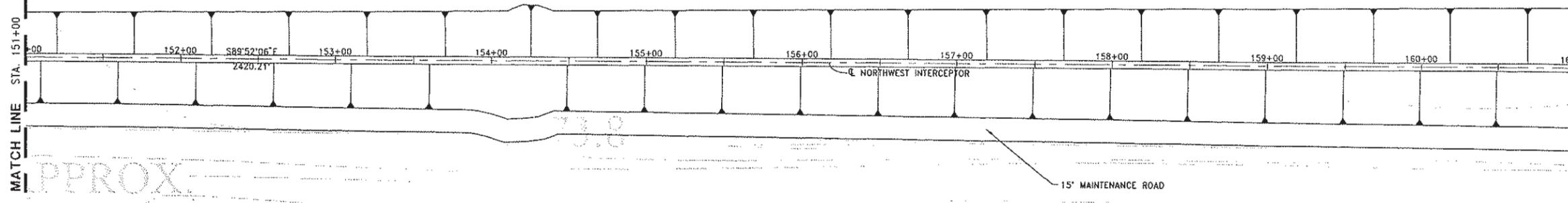
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 141+00 TO 151+00

SCALE: 1"=40'	SHEET NO. 19 OF 136
HORIZ. 1"=40'	
VERT. 1"=4'	
DATE: February 2006	
PROJECT NO. 8164.004	

J:\008164-CityOfWoodland\8164.004-SD\Map\Northwest Interceptor\Civil\DWG\C-19-PP15-WI.dwg 2/06/06 3:22pm lcurd

MATCH LINE STA. 151+00 (SEE SHEET 19)

MATCH LINE STA. 161+00 (SEE SHEET 21)



HALF-SIZE PRINT

DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

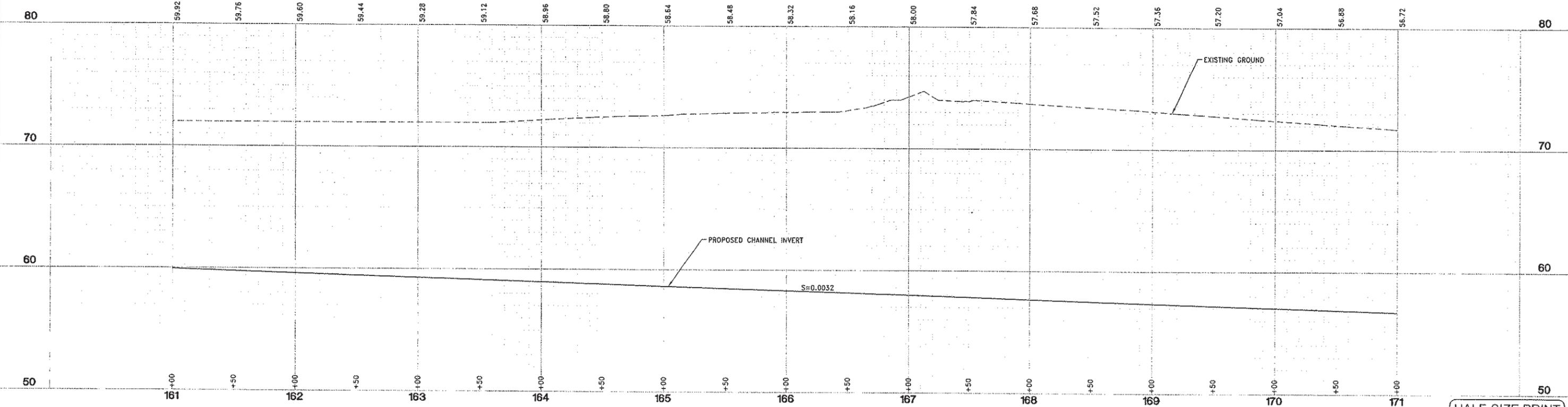
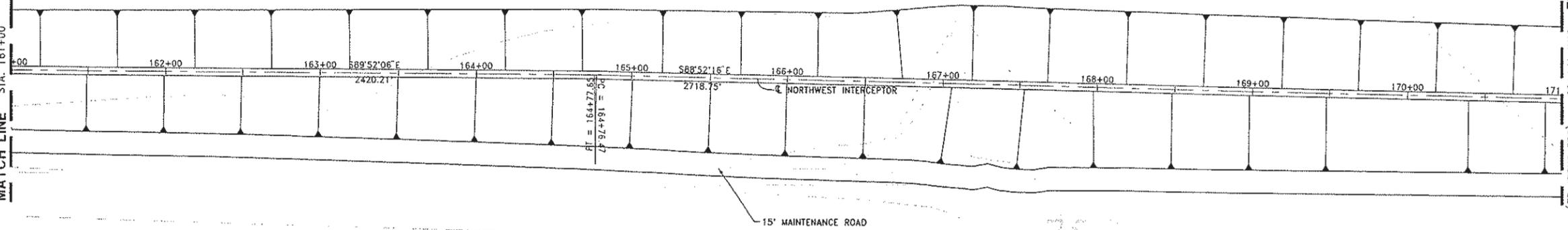
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 151+00 TO 161+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 20 OF 136

J:\06\8164-City of Woodland\8164.004-SDMP\Northwest Interceptor\CAD\DWG\C-30-PP16-NW.dwg 2/06/06 3:23pm lcurd

MATCH LINE STA. 161+00 (SEE SHEET 20)

MATCH LINE STA. 171+00 (SEE SHEET 22)



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95818 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

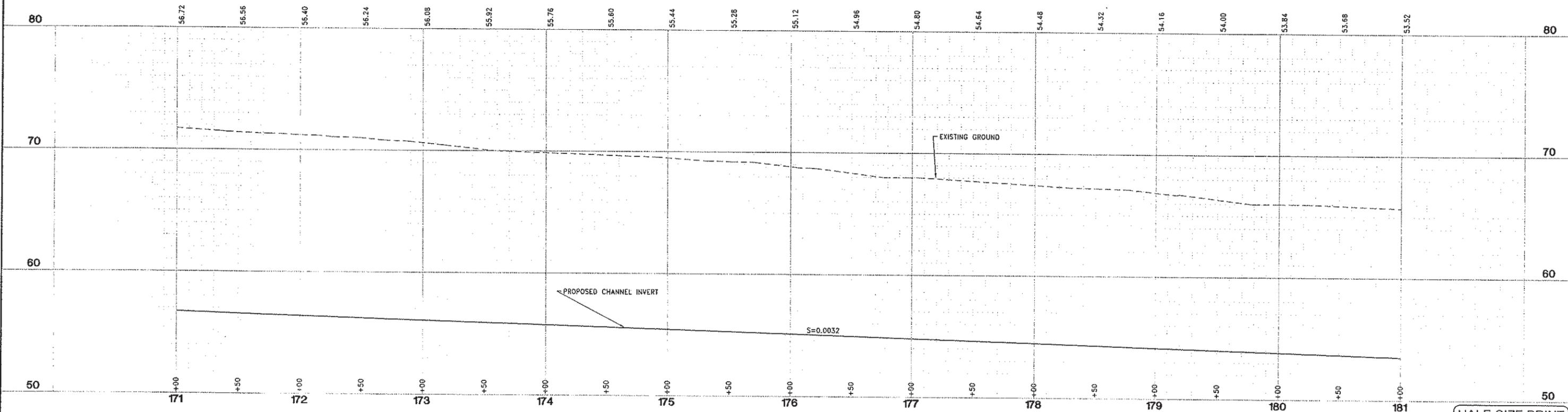
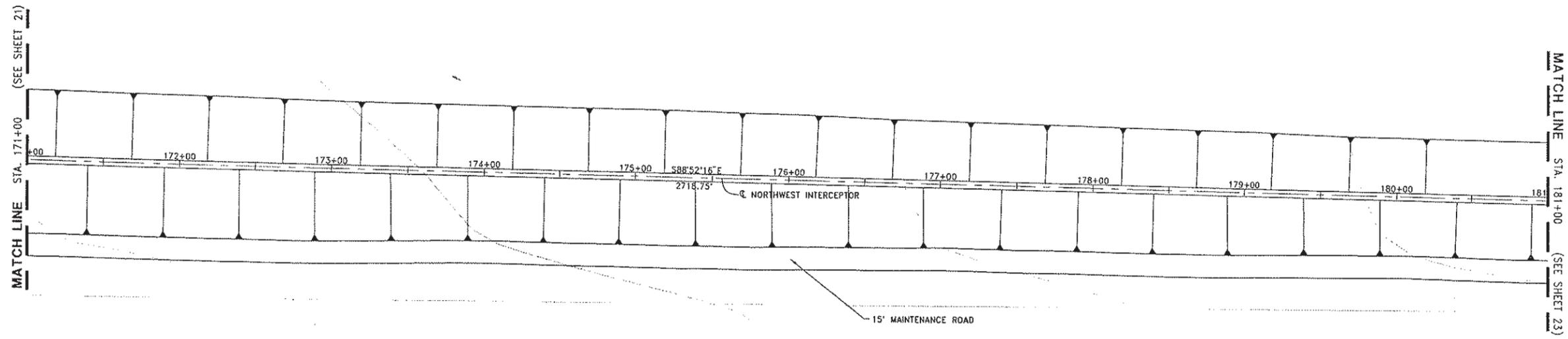
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 161+00 TO 171+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT
 SHEET NO. 21 OF 136

J:\Users\jpritchard\City\Woodland\8164.004-SDF\Plan\Northwest Interceptor\Grid\Draw (C-21-PP17)-NWI.dwg 2/06/06 3:26pm icurd



DESIGNED BY J. PRITCHARD	REVISIONS					
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
REVIEWED BY M. NOWLAN						
FILE:						

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR PLAN AND PROFILE
STA 171+00 TO 181+00

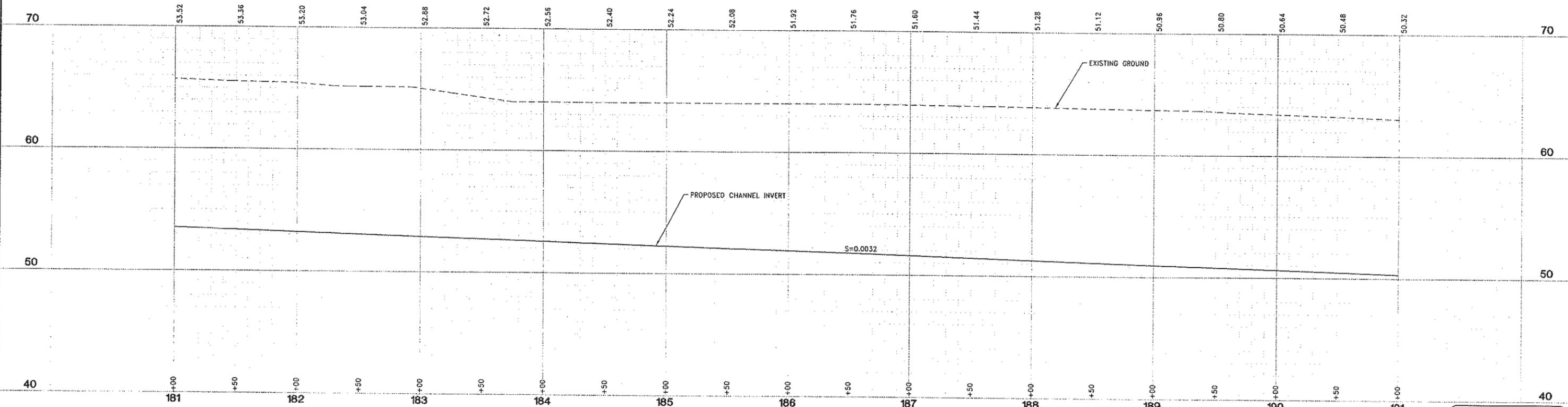
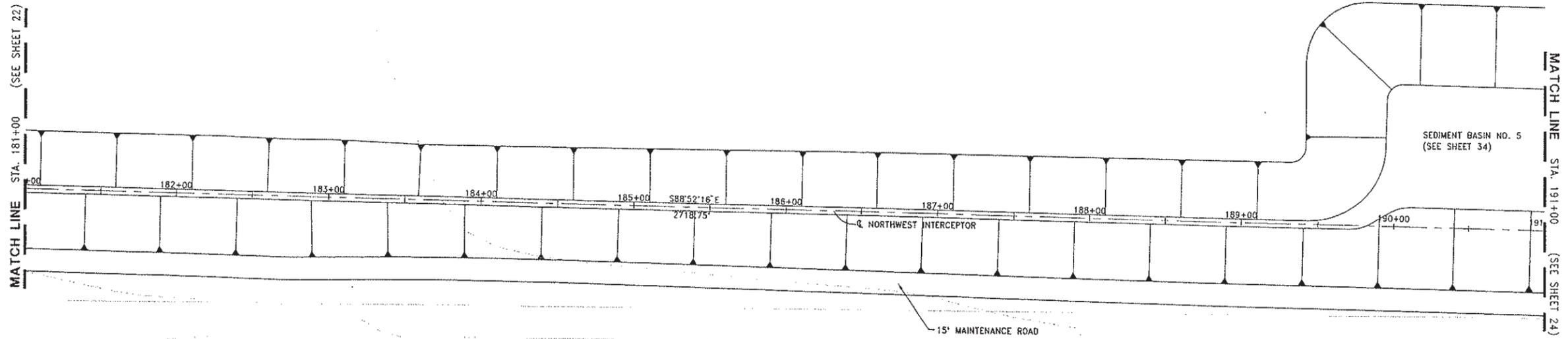
SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 22 OF 136

J:\apps\8164-City of Woodland\8164-004-SEP\IP\WestInvest\Interceptor\Draw\C-22-PR1B-NW.dwg 2/06/06 3:28pm laud

63.4



DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95818 Fax 916.341.7797

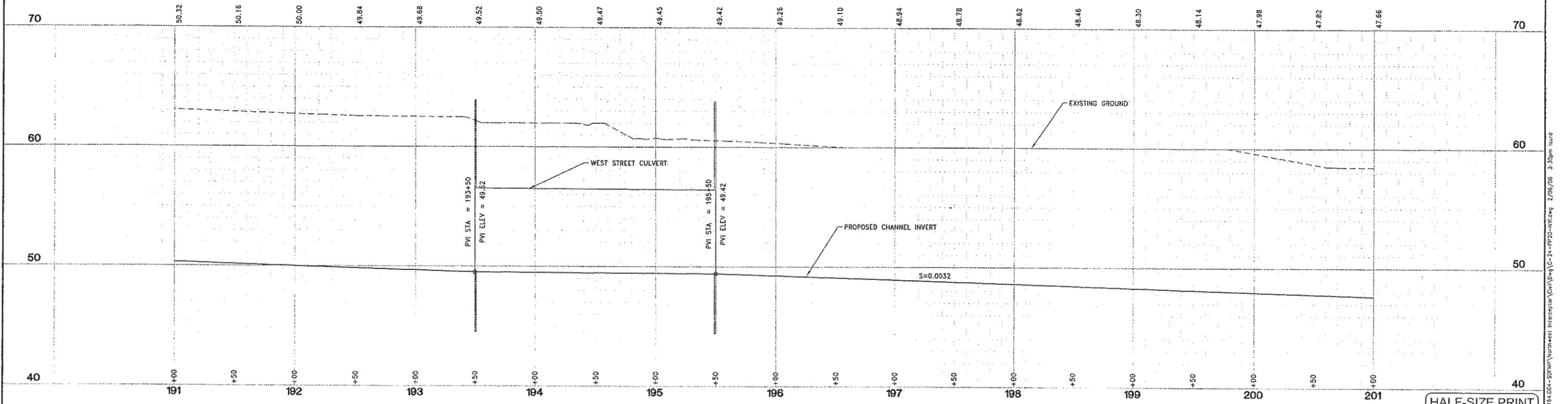
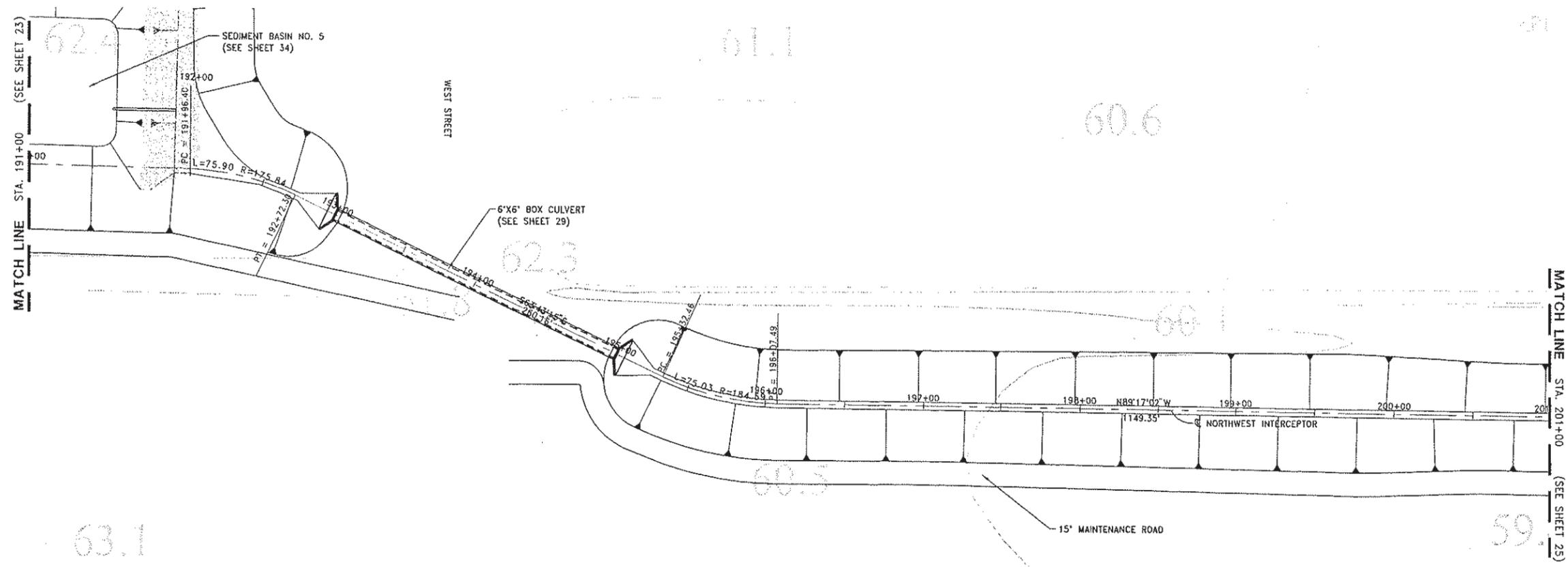
PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 181+00 TO 191+00

SCALE: 1"=40'	SHEET NO. 23 OF 136
HORIZ. 1"=40'	
VERT. 1"=4'	
DATE: February 2006	
PROJECT NO. 8164.004	

J:\Users\164-CityofWoodland\Projects\Storm Drainage\Northwest Interceptor\Civil\Drawings\23-PR19-NWIC.dwg 7/06/06 3:23pm laurd



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE

CITY OF WOODLAND
 RECOMMENDED BY:

NAME _____ DATE _____
 APPROVED BY: _____ DATE _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

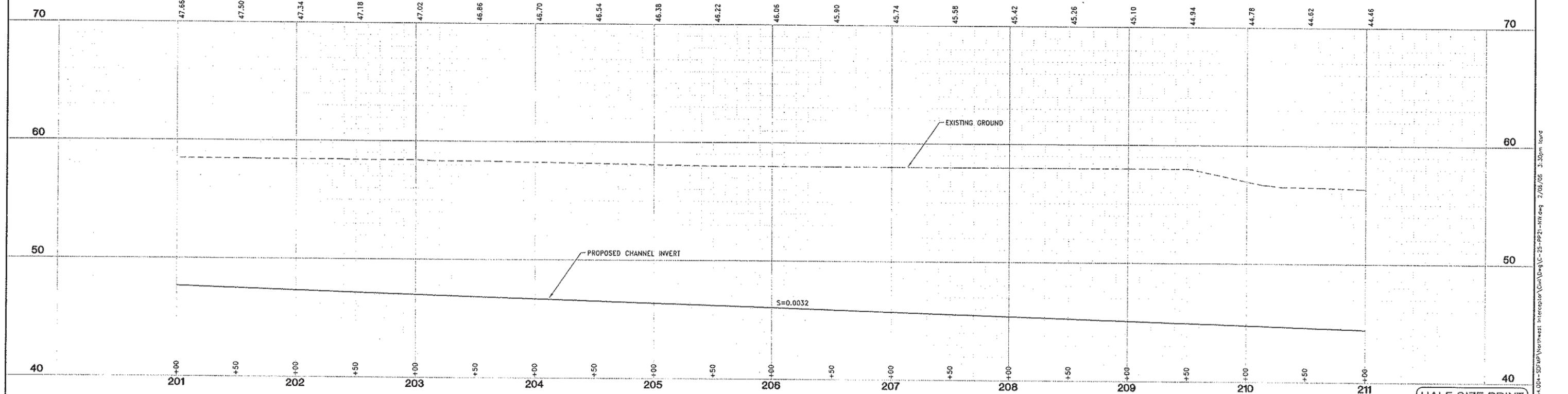
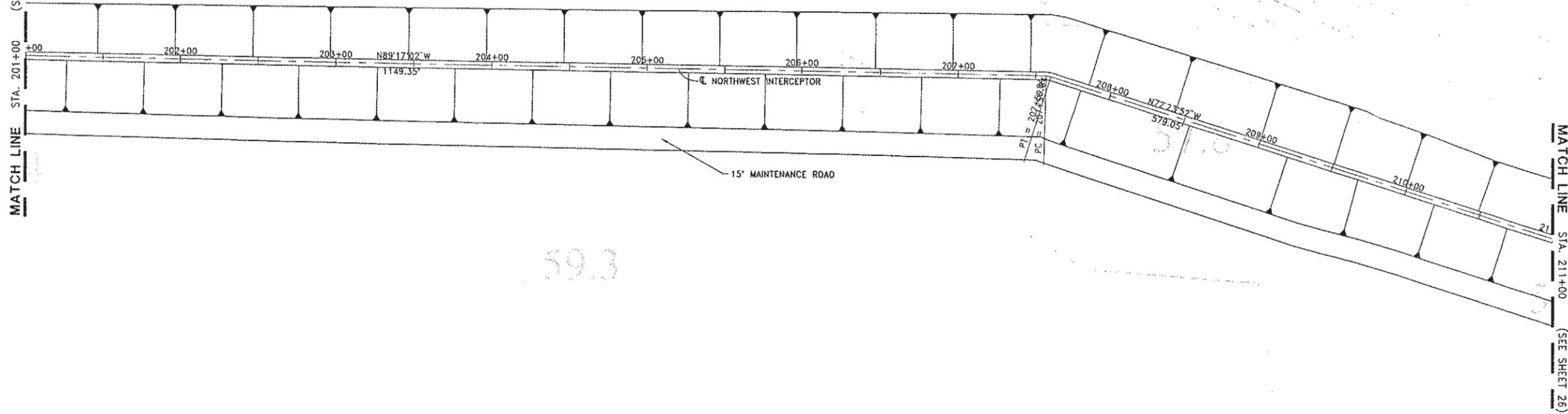
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 191+00 TO 201+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 24 OF 136

F:\Jobs\8164-City of Woodland\8164.004-Storm Drainage Interceptor\Drawings\2/06/06 3:30pm lcurd

MATCH LINE STA. 201+00 (SEE SHEET 24)



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7780
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME DATE
 APPROVED BY: DATE
 DICK DONNELLY DATE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

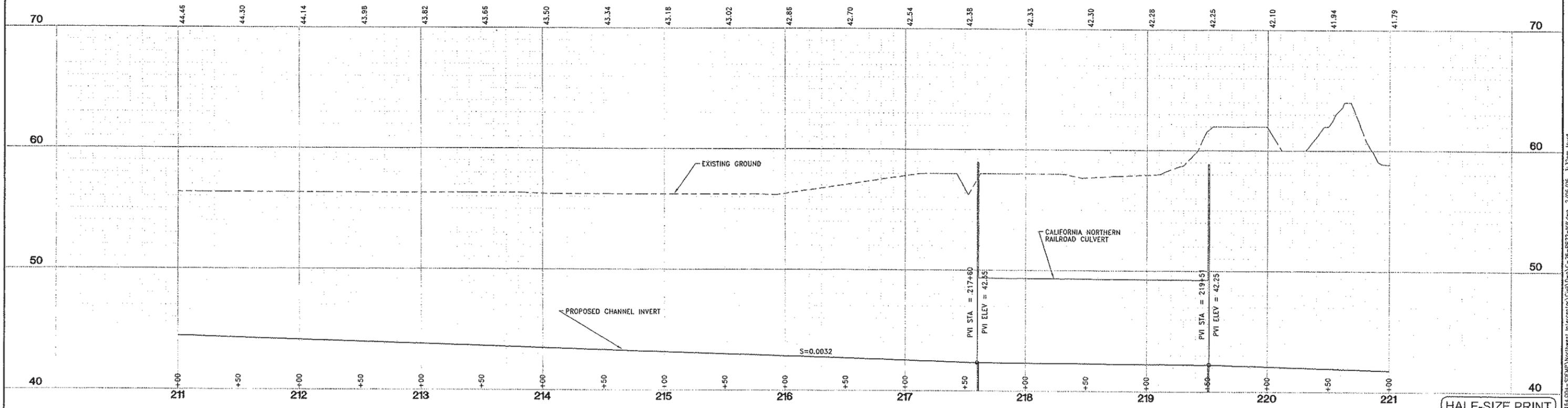
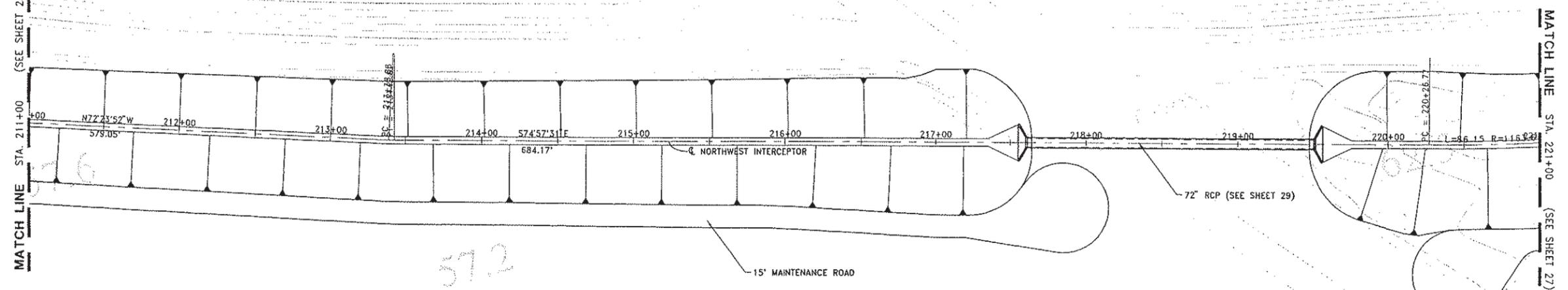
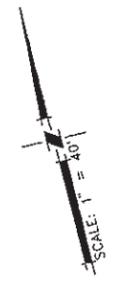
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 201+00 TO 211+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 25 OF 136

J:\005\8164-City of Woodland\8164.004-SDF\WP Northwest Interceptor\DWG\C-25-PP21-NW.dwg 2/06/06 3:30pm lcurd



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

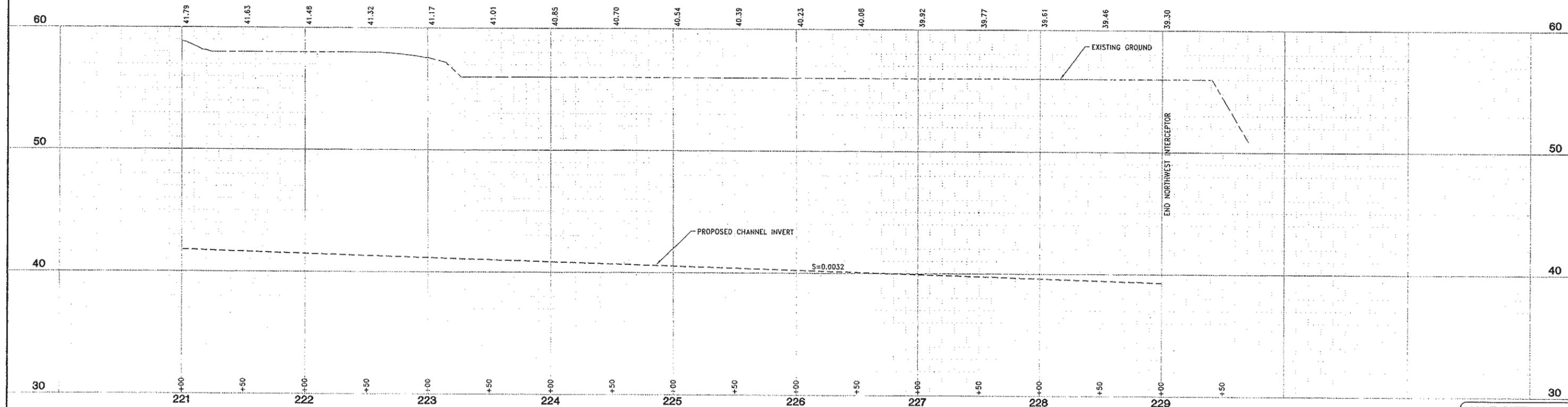
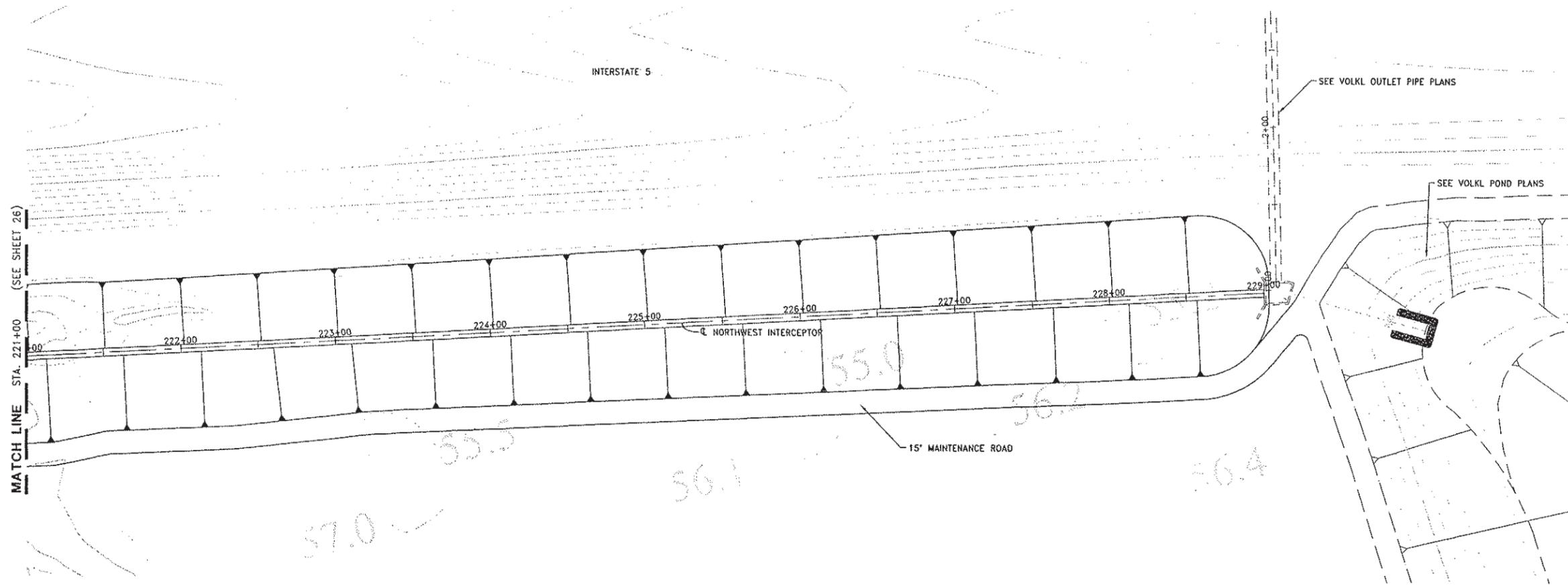
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 211+00 TO 221+00

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 26 OF 136
DATE: February 2006	
PROJECT NO. 8164.004	

HALF-SIZE PRINT

I:\Users\B164-CityofWoodland\3164-004-SP\NW Interceptor\3164-004-SP-P22-NW.ras 2/06/06 3:32pm local



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Tel 916.341.7780
 Sacramento, CA 95818 Fax 916.341.7707

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____ DATE _____
 DICK DONNELLY

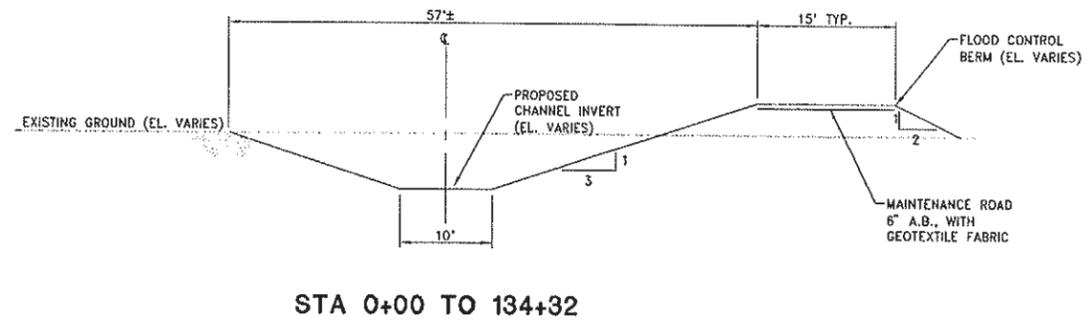
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 221+00 TO END

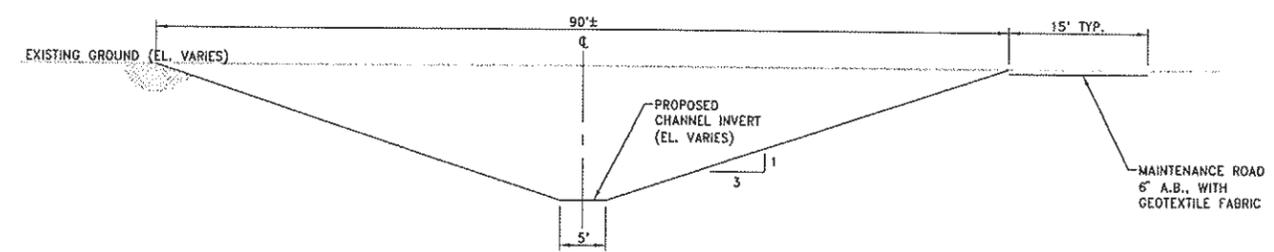
SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT
 SHEET NO. 27 OF 136

J:\08164-CityOfWoodland\8164-004-SDF\WP\Northwest Interceptor\Civil\Draw\G-27-PP23-RW.dwg 2/06/06 3:37pm lcurd



STA 0+00 TO 134+32



142+35 TO 229+00

TYPICAL CHANNEL SECTIONS
SCALE: 1"=10'

HALF-SIZE PRINT

DESIGNED BY E.FANSELAU	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY J.PRITCHARD					
REVIEWED BY M.NOWLAN					
FILE:					

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St, Bldg. 100-B Sacramento, CA 95818
Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____
DATE: _____ P.E.
REGISTRATION EXP.: _____

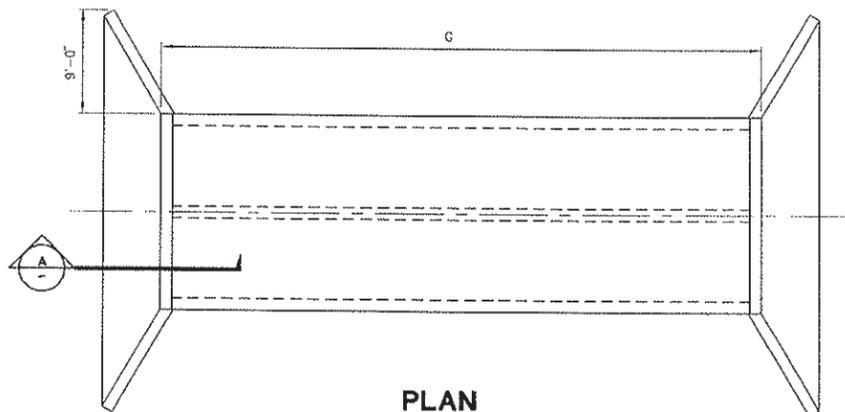
CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR
TYPICAL SECTIONS

SCALE: AS SHOWN	SHEET NO.
HORIZ. AS SHOWN	28
VERT. AS SHOWN	OF
DATE: February 2006	136
PROJECT NO. 8164.004	

J:\mass\files\City\Woodland\Interceptor\Civil\0-9\0-9-28-501-NW-a-q 2/05/06 3:42pm 14.dwg

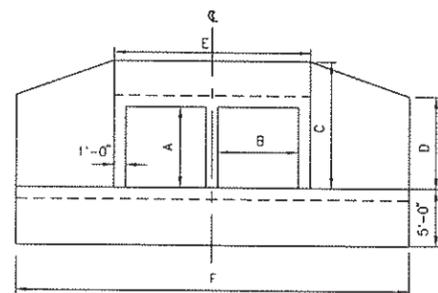


PLAN

SCALE: 1/8" = 1'

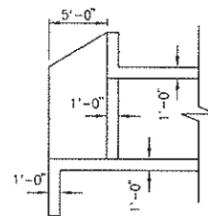
CULVERT DATA

SHEET	DESCRIPTION	TYPE	NO. OF BARRELS	STATION		ELEVATION		DIMENSIONS (FT)						
				U/S	D/S	U/S INVERT	GROUND	A	B	C	D	E	F	G
6	MAIN STREET	BOX	2	17+80	18+90	70.58	74.0	4.5	8.0	6.5	4.3	19.0	37.0	110.0
10	PROPERTY NO. 1	BOX	1	55+00	55+20	69.36	74.7	4.0	4.0	6.3	4.2	6.0	24.0	20.0
11	PROPERTY NO. 2	BOX	1	67+00	67+20	68.89	74.0	4.0	4.0	6.1	4.1	6.0	24.0	20.0
12	PROPERTY NO. 3	BOX	1	80+00	80+20	68.40	74.9	4.0	4.0	7.5	5.0	6.0	24.0	20.0
14	PROPERTY NO. 4	BOX	1	96+00	96+20	67.81	74.6	4.0	4.0	7.8	5.2	6.0	24.0	20.0
14	KENTUCKY AVE	BOX	2	100+30	101+10	67.58	74.0	7.0	6.0	9.0	6.0	15.0	33.0	80.0
15	PROPERTY NO. 5	BOX	1	109+50	109+70	67.22	75.0	4.0	4.0	8.8	5.9	6.0	24.0	20.0
18	PROPERTY NO. 6	BOX	1	131+00	131+20	66.46	74.0	4.0	4.0	8.5	5.7	6.0	24.0	20.0
18-19	ROAD 98	BOX	1	140+70	142+10	66.07	75.0	4.0	4.0	9.9	6.6	6.0	24.0	140.0
24	WEST STREET	BOX	1	193+00	195+00	49.56	63.0	6.0	6.0	14.4	9.6	8.0	26.0	200.0
26	C.N. RAILROAD	PIPE	1	217+60	219+51	42.44	74.0	6.0	N/A	16.6	11.0	8.0	26.0	191.0



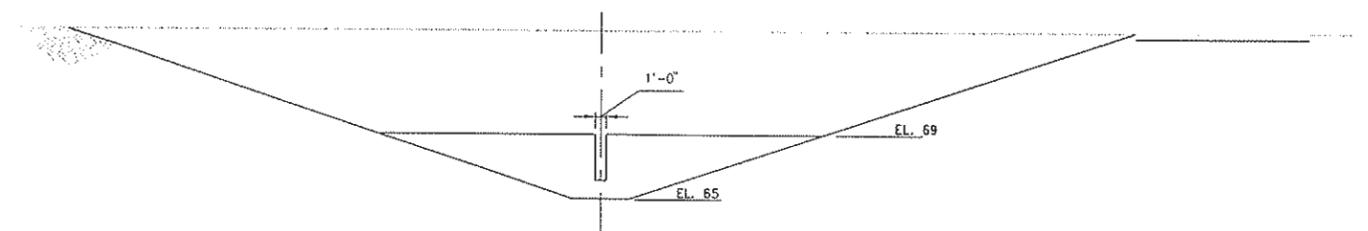
**DOUBLE BARREL BOX
CULVERT ELEVATION**

SCALE: 1/8" = 1'



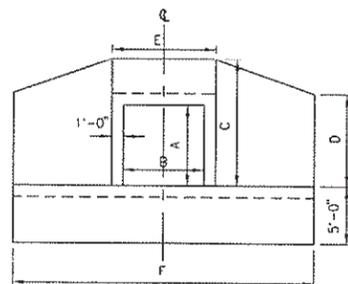
SECTION

SCALE: 1/8" = 1'



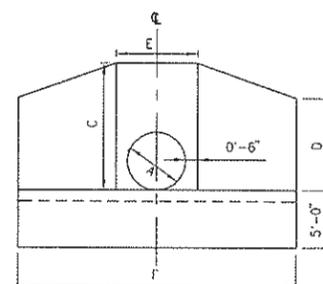
NOTCHED WEIR

SCALE: 1/8" = 1'



**SINGLE BARREL BOX
CULVERT ELEVATION**

SCALE: 1/8" = 1'



**RAILROAD PIPE
CULVERT ELEVATION**

SCALE: 1/8" = 1'

DESIGNED BY J.PRITCHARD	REVISIONS				
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DRAWN BY L.CURD					
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FILE:					

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3301 C St. Bldg. 100-B Sacramento, CA 95816
Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
CITY OF WOODLAND RECOMMENDED BY:
NAME DATE
APPROVED BY: DICK DONNELLY DATE
REGISTRATION EXP.:

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR STRUCTURAL DETAILS
TYPICAL CULVERTS
PLAN AND SECTIONS

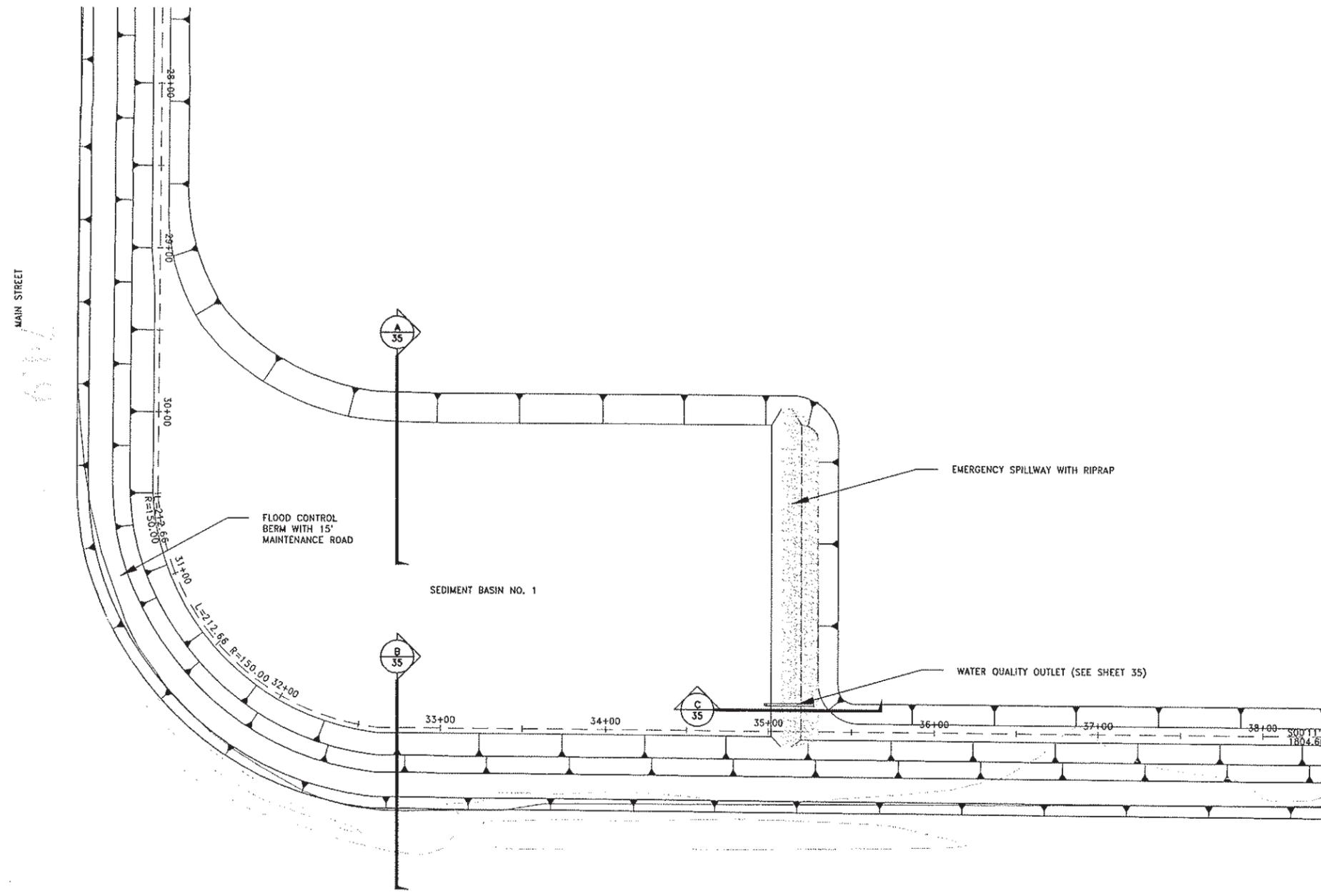
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HORIZ. AS NOTED
VERT. AS NOTED
DATE: February 2006
PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 29 OF 136

J:\ba\8164-CityWoodland\8164-004-SFMAP\Northwest Interceptor\Civil\Draw\C-29-SS01-NW.dwg 2/06/06 3:43pm lcurd

SCALE: 1"=40'



Handwritten notes and annotations in the left margin:

- 73.7
- 74.3
- 73.6
- 75.7
- 72.4
- 75.1
- 73.4
- 75.1
- 74.0

HALF-SIZE PRINT

DESIGNED BY J.PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L.CURD					
REVIEWED BY M.NOWLAN					
FILE:					

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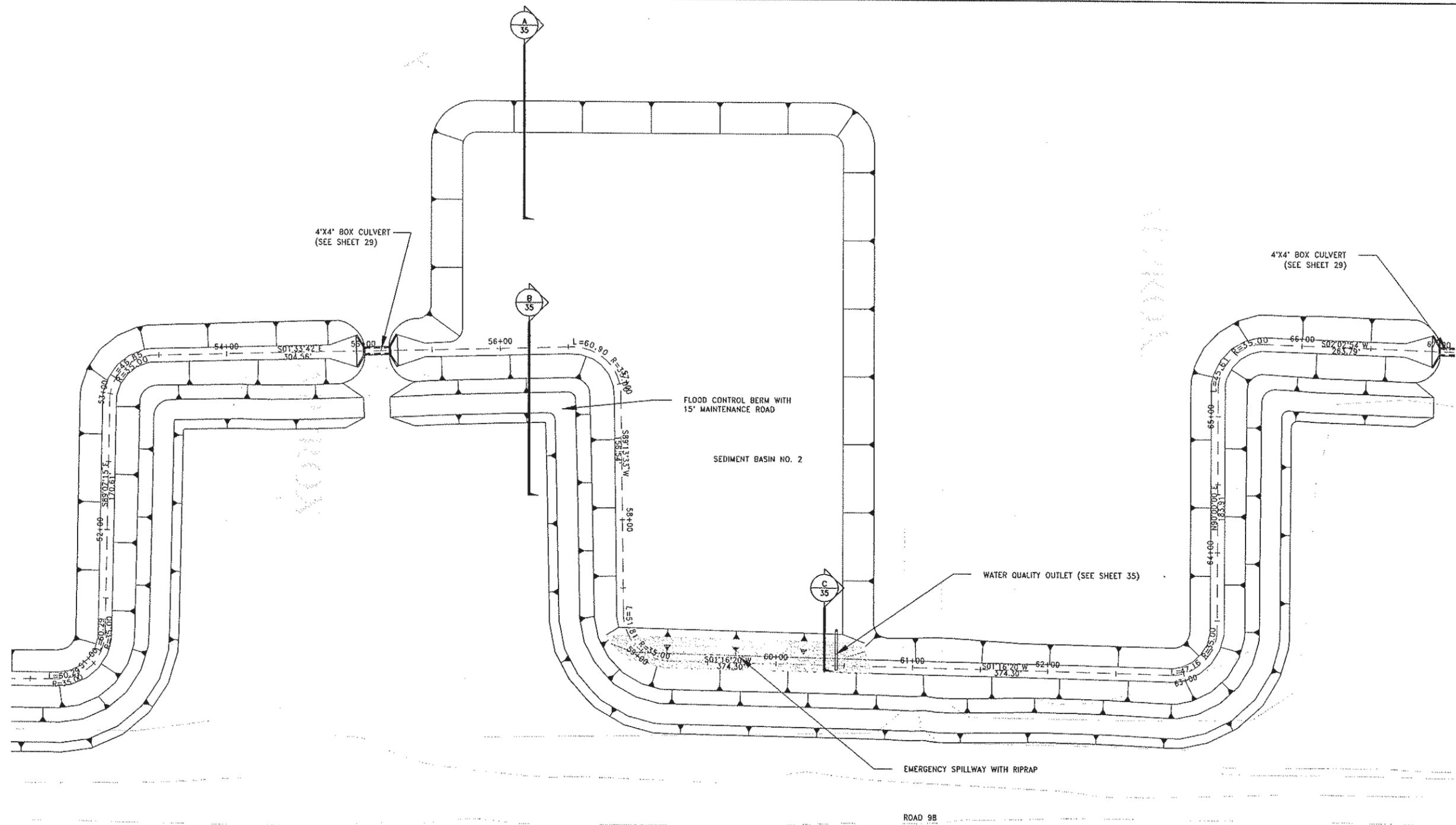
PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____
 DICK DONNELLY DATE: _____

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR
 SEDIMENT BASIN NO. 1
 SITE PLAN

SCALE: AS NOTED	SHEET NO. 30 OF 136
HORIZ. AS NOTED	
VERT. AS NOTED	
DATE: February 2006	
PROJECT NO. B164.004	



DESIGNED BY J.PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L.CURD						
REVIEWED BY M.NOWLAN						
FILE:						

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PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY _____ DATE: _____

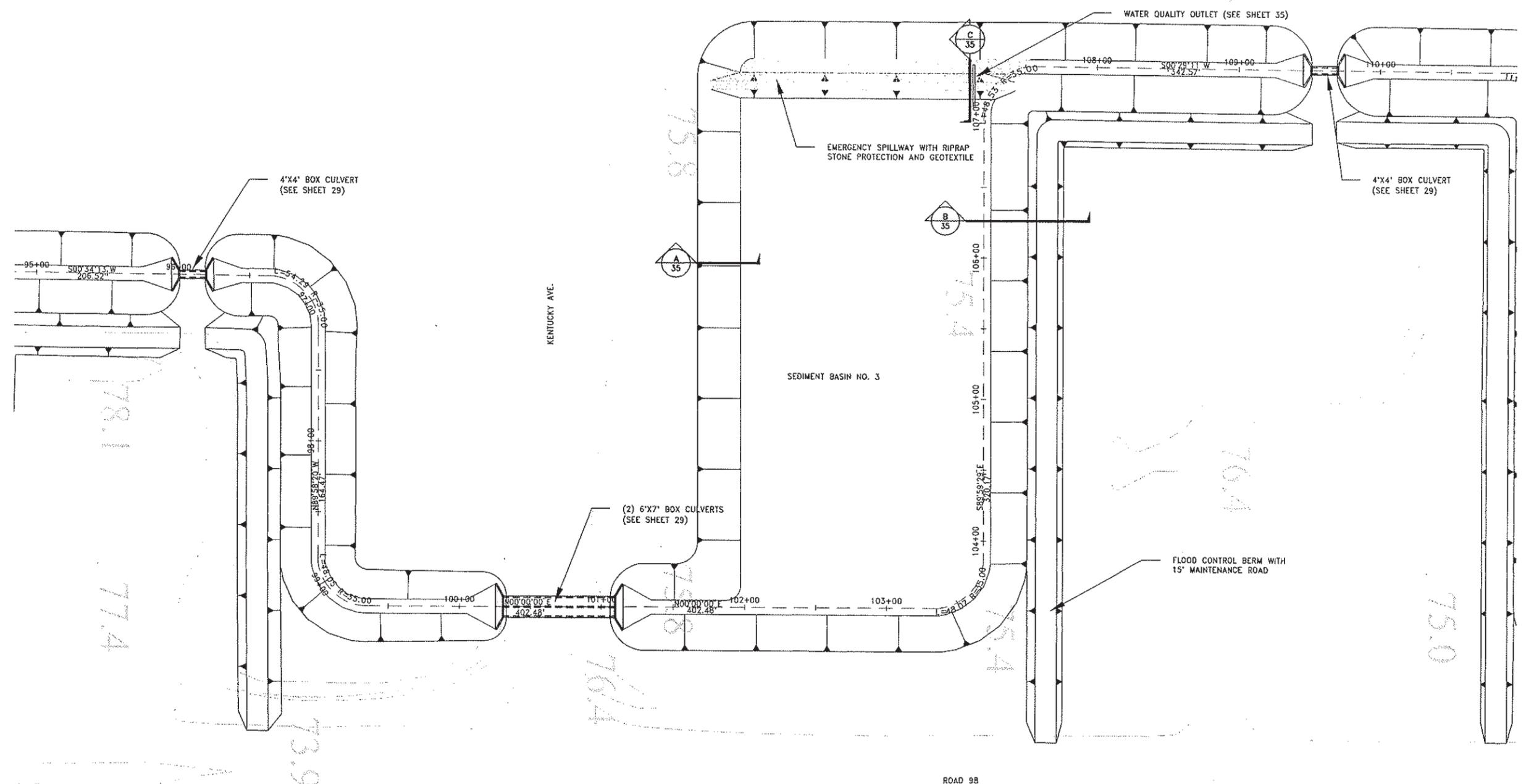
CITY OF WOODLAND
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CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR
SEDIMENT BASIN NO. 2
SITE PLAN

HALF-SIZE PRINT

SCALE: AS NOTED	SHEET NO. 31 OF 136
HORIZ. AS NOTED	
VERT. AS NOTED	
DATE: February 2006	
PROJECT NO. 8164.004	

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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

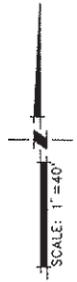
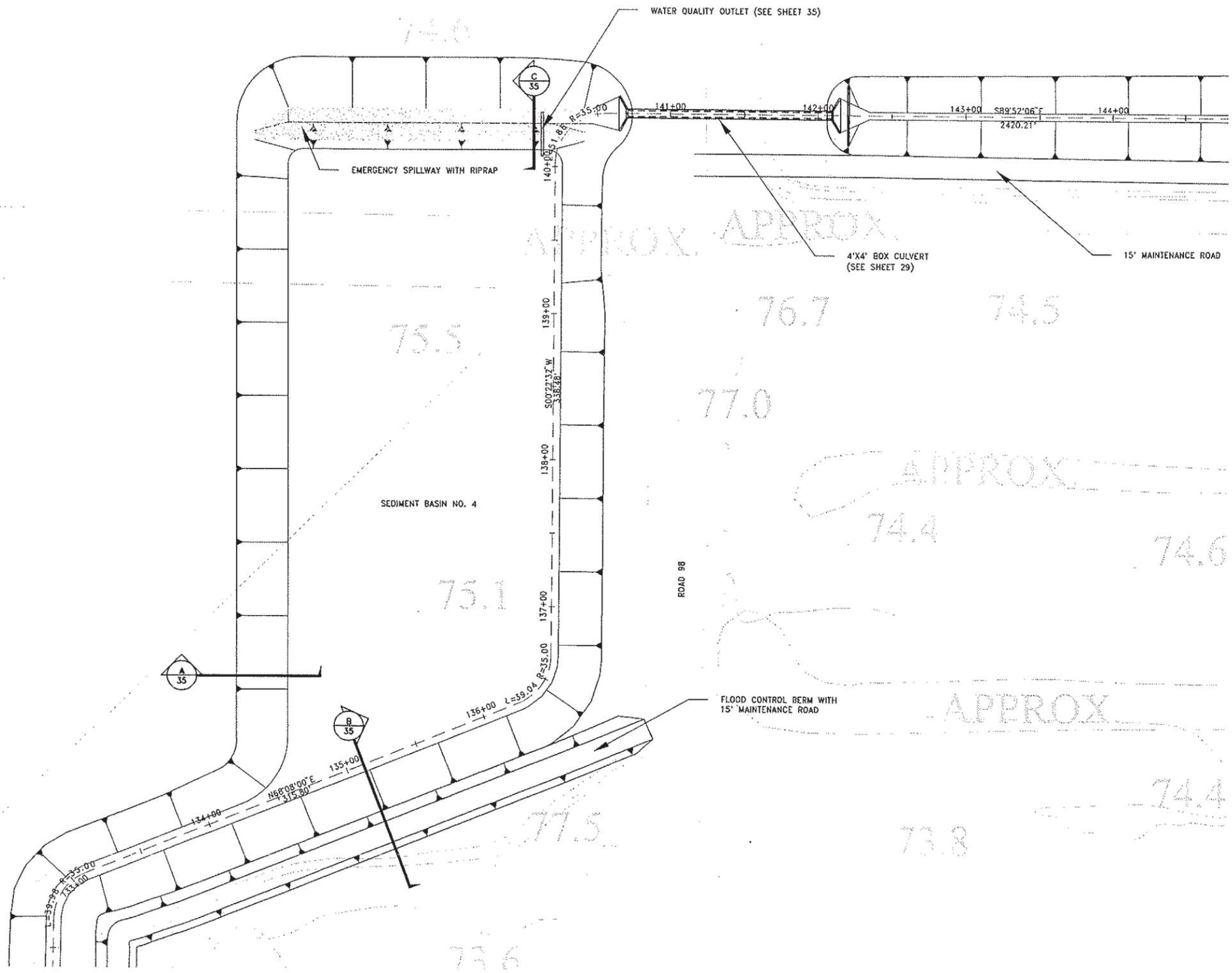
CITY OF WOODLAND
 RECOMMENDED BY:
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR
 SEDIMENT BASIN NO. 3
 SITE PLAN

SCALE: AS NOTED
 HORIZ. AS NOTED
 VERT. AS NOTED
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 32 OF 136



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DESIGNED BY J. PRITCHARD	REVISIONS				
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DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
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 Tel 916.341.7760 Fax 916.341.7767

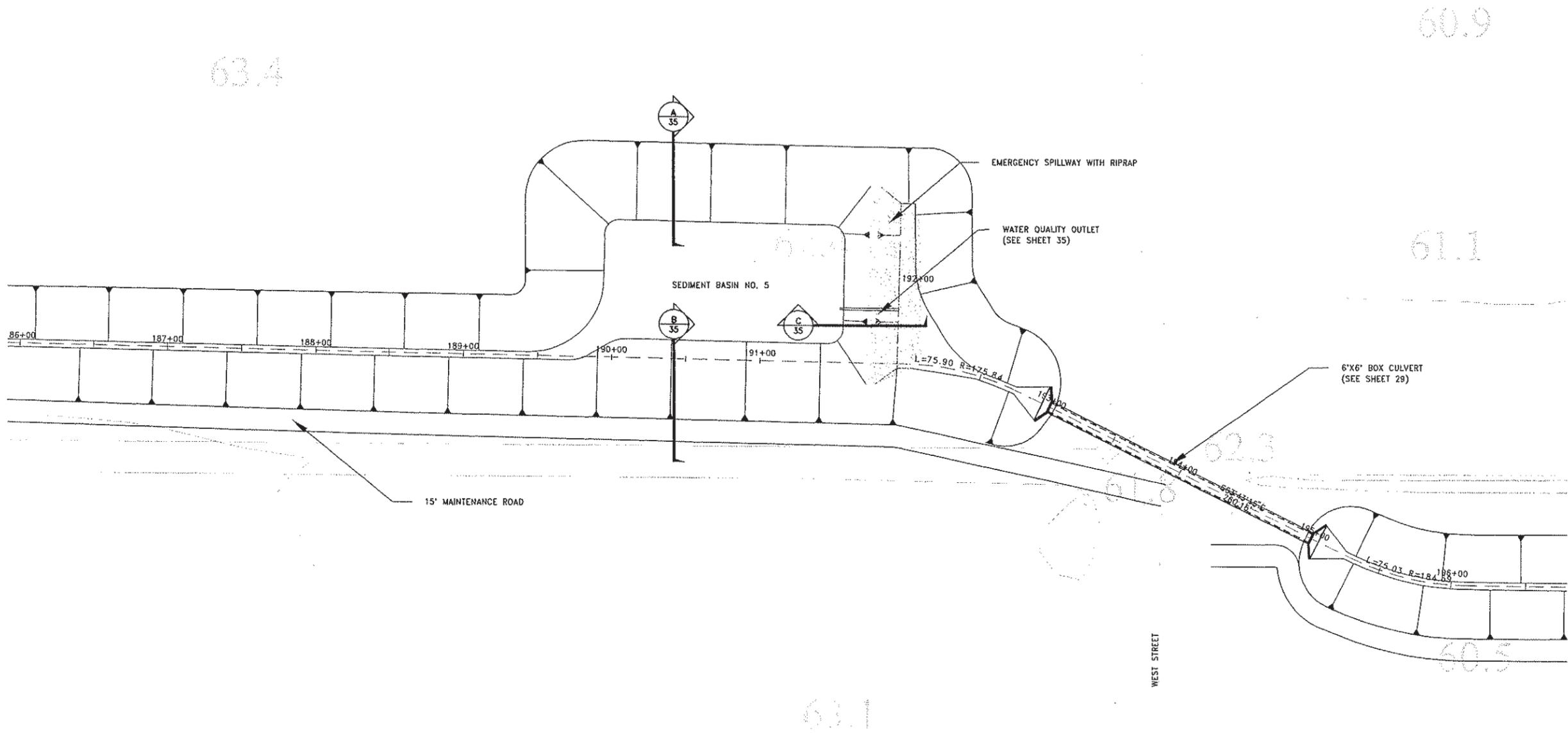
PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND RECOMMENDED BY:
 NAME DATE
 APPROVED BY: DICK DONNELLY DATE
 BY: _____ P.E. DATE: _____
 REGISTRATION EXP.: _____

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR
 SEDIMENT BASIN NO. 4
 SITE PLAN

SCALE: AS NOTED	SHEET NO. 33 OF 136
HORIZ. AS NOTED	
VERT. AS NOTED	
DATE: February 2006	
PROJECT NO. 8164.004	

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REVIEWED BY M.NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

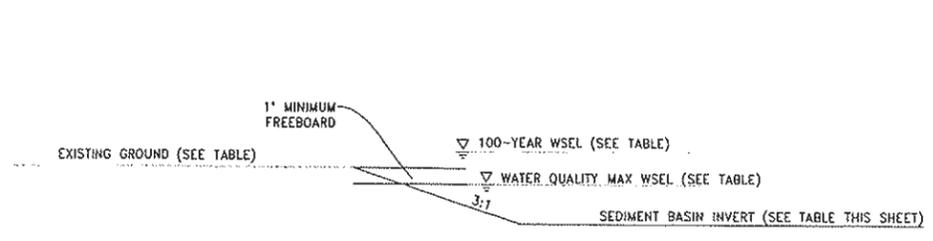
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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTHWEST INTERCEPTOR
 SEDIMENT BASIN NO. 5
 SITE PLAN

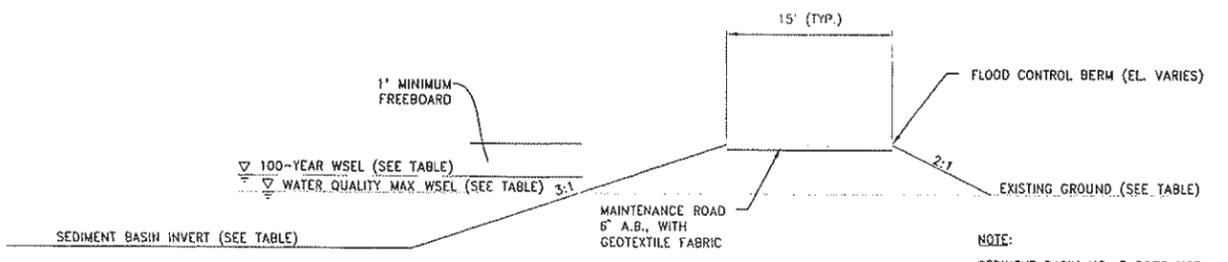
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 HORIZ. AS NOTED
 VERT. AS NOTED
 DATE: February 2006
 PROJECT NO. B164.004

SHEET NO. 34 OF 136

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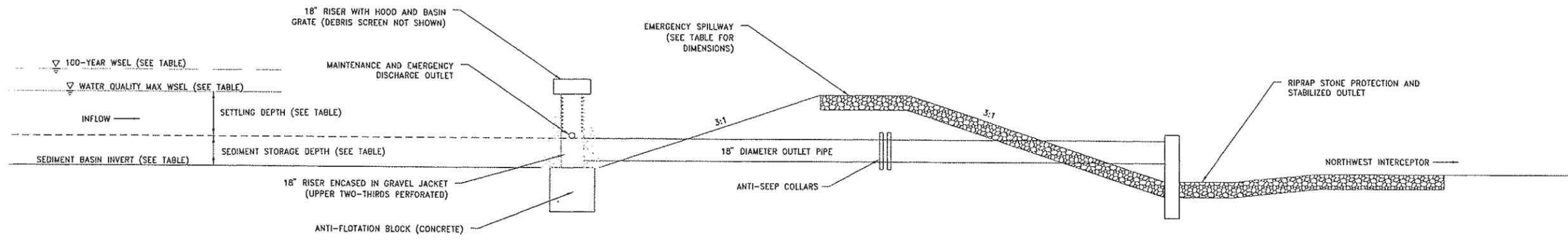


SECTION A
NOT TO SCALE

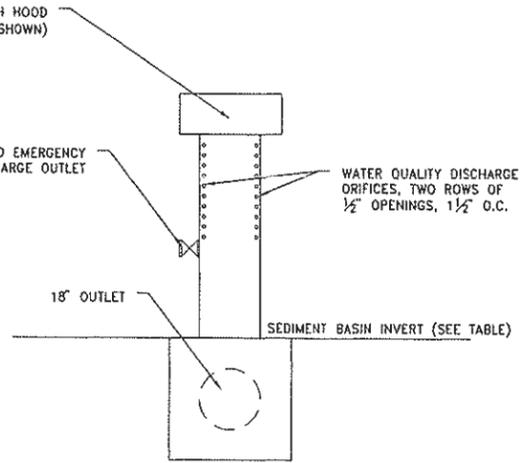
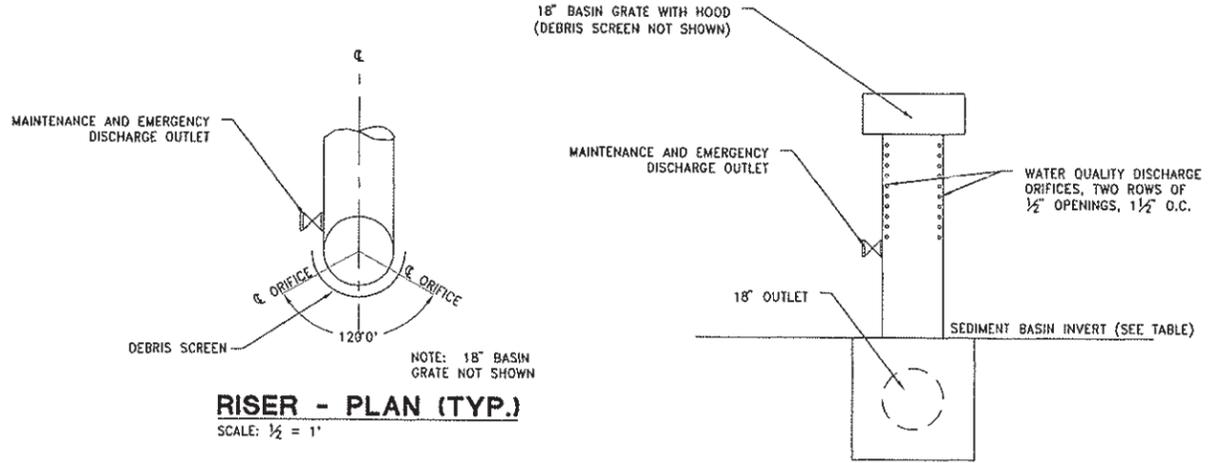


SECTION B
NOT TO SCALE

NOTE:
SEDIMENT BASIN NO. 5 DOES NOT REQUIRE A FLOOD CONTROL BERM AND THE MAINTENANCE ROAD CAN BE CONSTRUCTED AT EXISTING GRADE.



SECTION C
NOT TO SCALE



RISER - PROFILE (TYP.)
NOT TO SCALE

SEDIMENT BASIN DIMENSIONS SUMMARY

SHEET	DESCRIPTION	STATION		ELEVATION (FT)				DIMENSIONS (FT)				
		U/S	D/S	BASIN INVERT	GROUND	WEIR CREST	WQ MAX WSEL	100-YR WSEL	SEDIMENT STORAGE DEPTH	SETTLING ZONE DEPTH	WEIR CREST LENGTH	WEIR CREST WIDTH
30	SEDIMENT BASIN 1	29+00	35+10	68.00	75.00	73.00	73.00	76.29	2.0	3.0	210	6.0
31	SEDIMENT BASIN 2	55+50	58+90	67.40	75.00	72.50	72.50	76.20	2.0	3.1	190	6.0
32	SEDIMENT BASIN 3	101+50	107+20	65.40	75.60	72.50	72.50	75.74	2.0	5.0	215	6.0
33	SEDIMENT BASIN 4	134+50	140+50	64.00	75.50	71.50	71.50	75.24	2.0	5.5	225	6.0
34	SEDIMENT BASIN 5	189+30	191+70	47.50	63.10	53.0	53.0	55.07	6.0	3.5	135	6.0

DESIGNED BY J.PRITCHARD	REVISIONS			
	NO.	DESCRIPTION	BY	DATE
DRAWN BY L.CURD				
REVIEWED BY M.NOWLAN				
FILE:				

WOOD RODGERS
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Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ P.E.
DATE: _____
REGISTRATION EXP.: _____

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTHWEST INTERCEPTOR STRUCTURAL DETAILS
SEDIMENT BASIN
TYPICAL SECTIONS AND DETAILS

HALF-SIZE PRINT

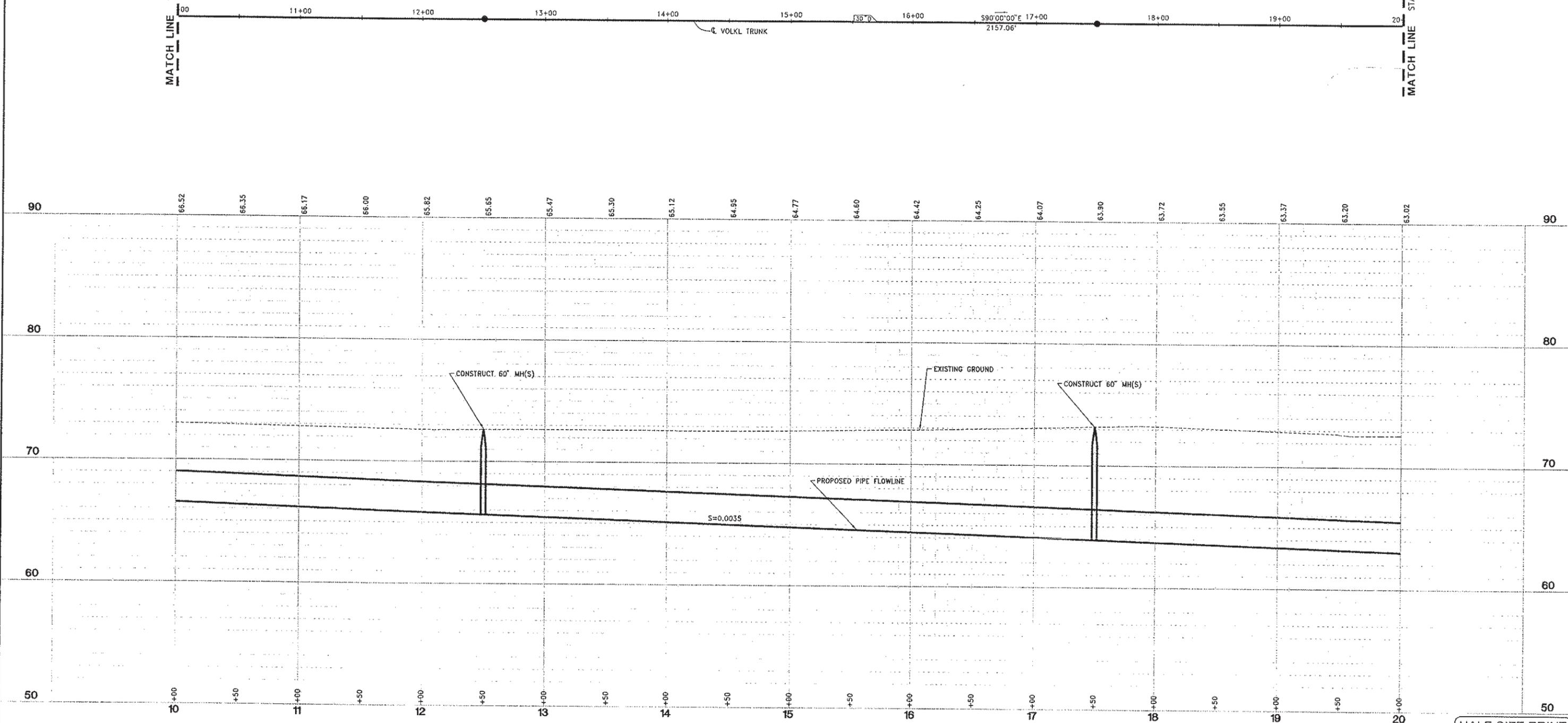
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HORIZ. AS NOTED
VERT. AS NOTED
DATE: February 2006
PROJECT NO. B164.004

SHEET NO. **35** OF **136**

J:\0618164-CityOfWoodland\B164.004-SDMP\Northwest Interceptor\Civil\04-35-SS02-NW.dwg 2/06/06 4:05pm lcurd

MATCH LINE STA. 10+00 (SEE SHEET 36)

MATCH LINE STA. 20+00 (SEE SHEET 38)



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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____ DATE _____
 DICK DONNELLY _____ DATE _____

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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

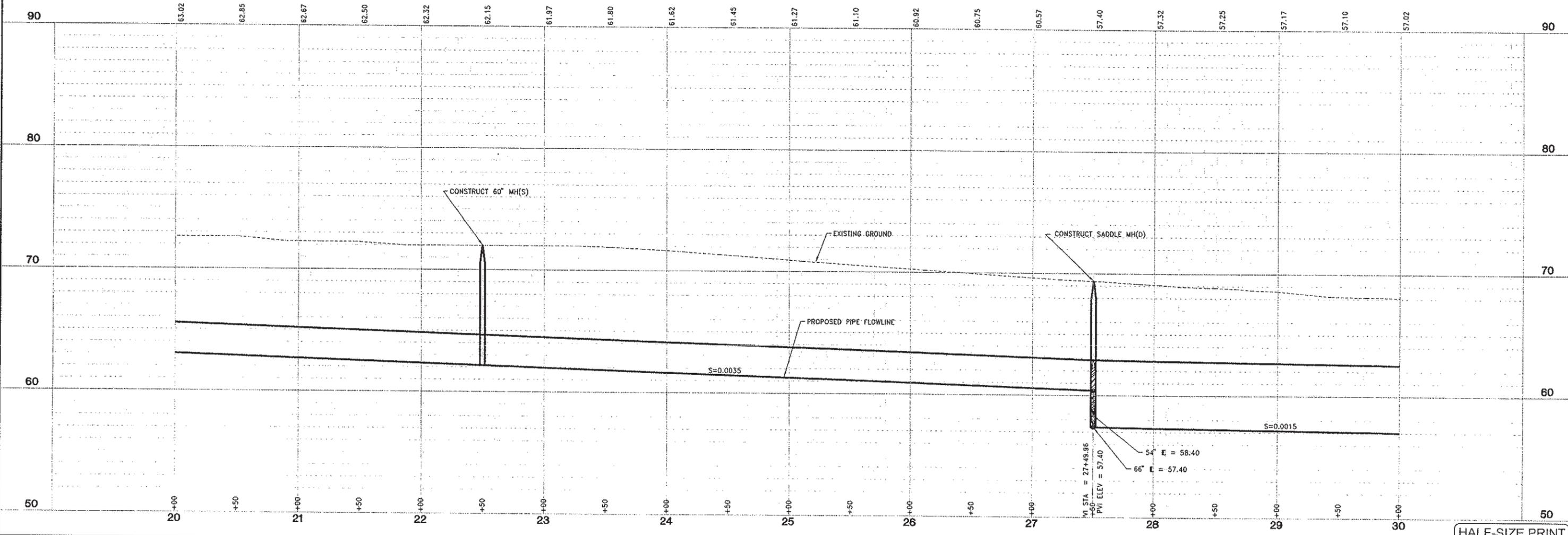
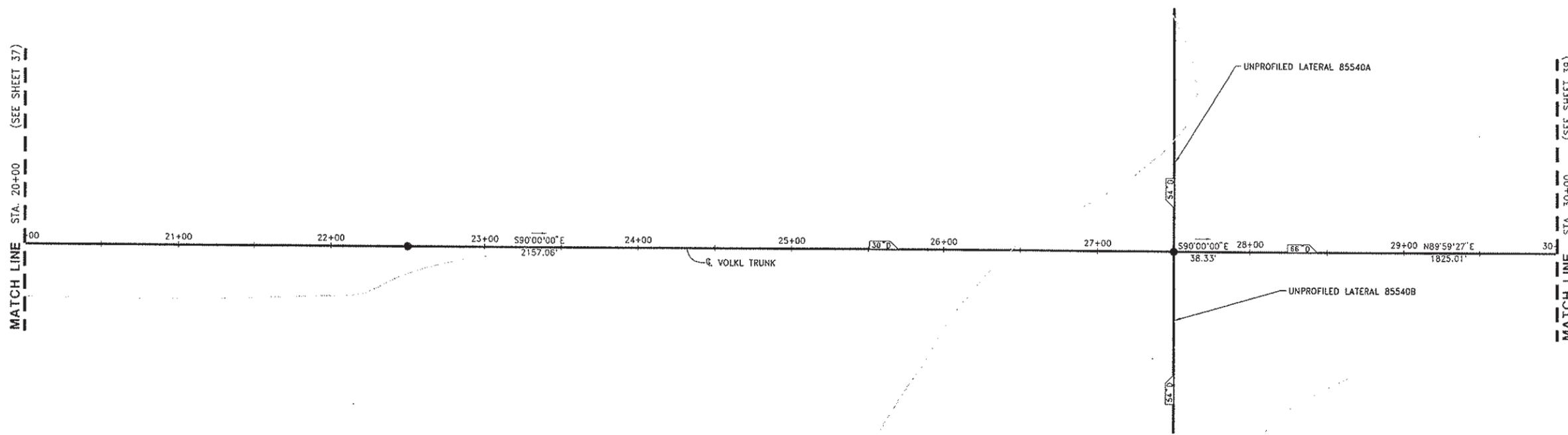
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL TRUNK PLAN AND PROFILE
 STA 10+00 TO 20+00

HALF-SIZE PRINT
 SCALE: HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 37 OF 136

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MATCH LINE STA. 20+00 (SEE SHEET 37)

MATCH LINE STA. 30+00 (SEE SHEET 39)



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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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REVIEWED BY M. NOWLAN					
FILE:					

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 BY: _____ DATE: _____
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CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL TRUNK PLAN AND PROFILE
 STA 20+00 TO 30+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. B164.004

SHEET NO. 38 OF 136

HALF-SIZE PRINT

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MATCH LINE STA. 30+00 (SEE SHEET 38)

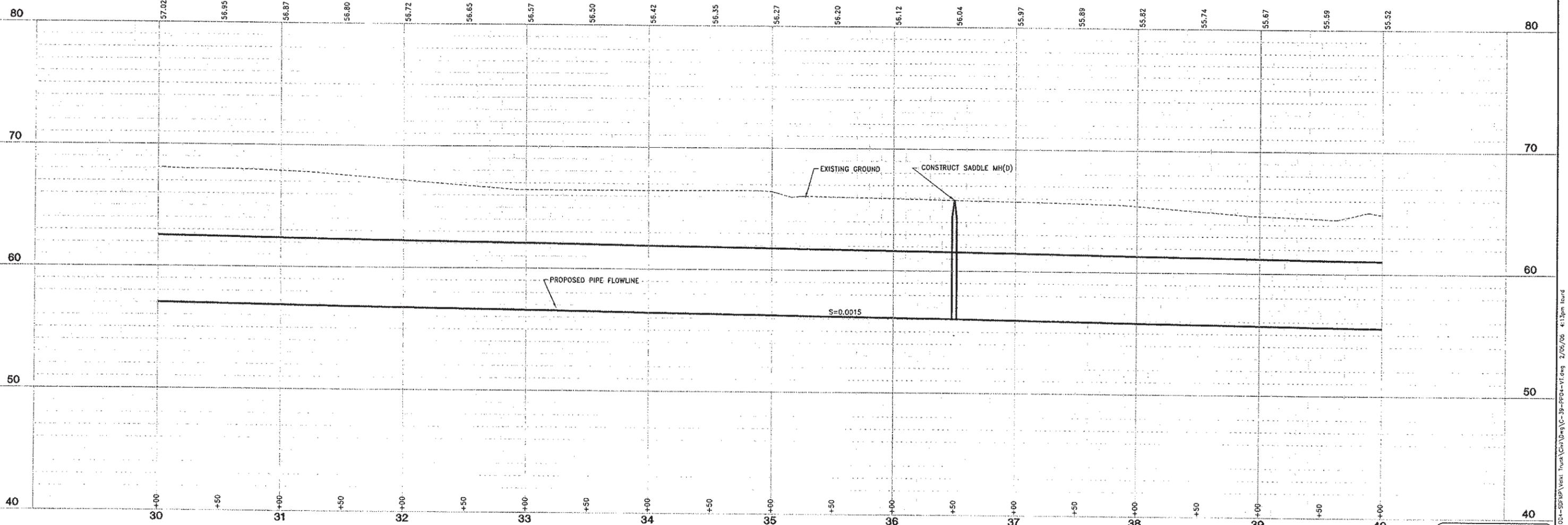
MATCH LINE STA. 40+00 (SEE SHEET 40)



30+00 31+00 32+00 33+00 34+00 35+00 36+00 37+00 38+00 39+00 40+00

VOLKL TRUNK

N89°59'27"E
1825.01'



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DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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 DICK DONNELLY _____ DATE _____

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL TRUNK PLAN AND PROFILE
 STA 30+00 TO 40+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

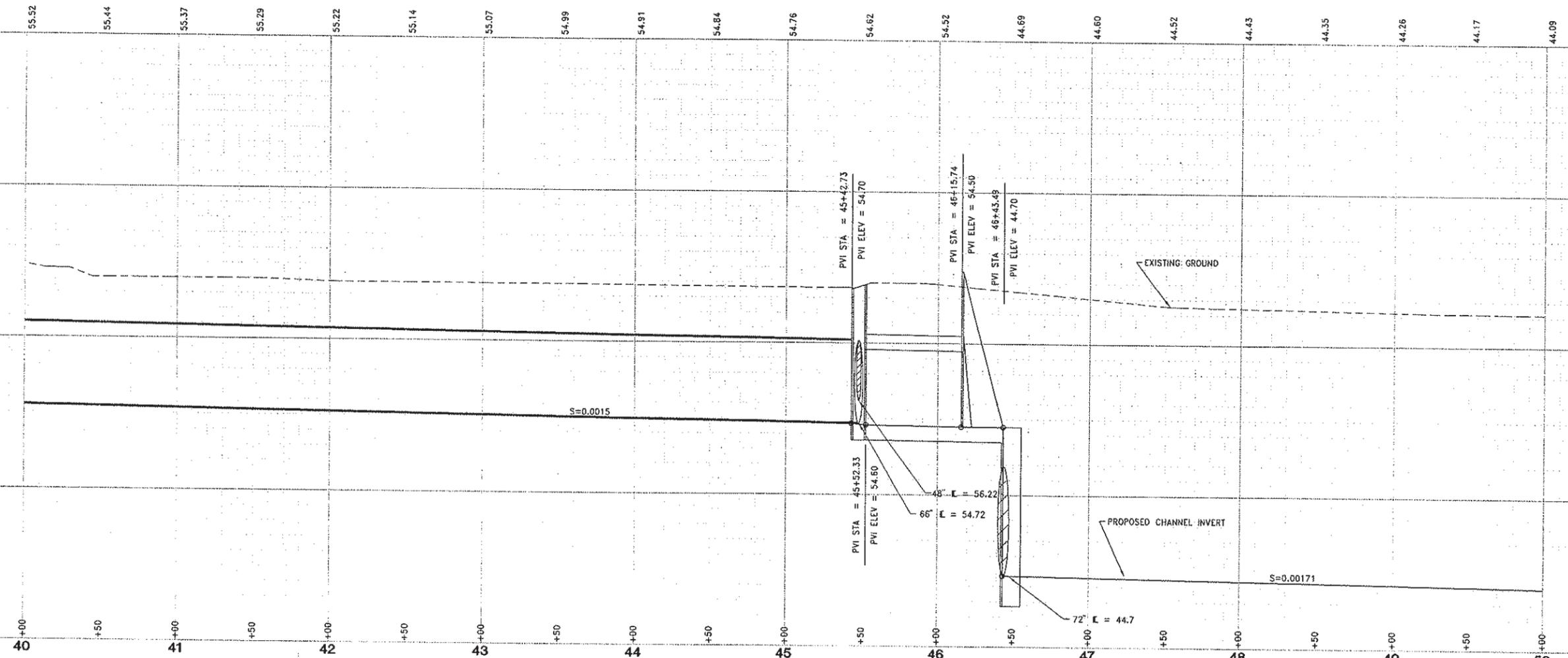
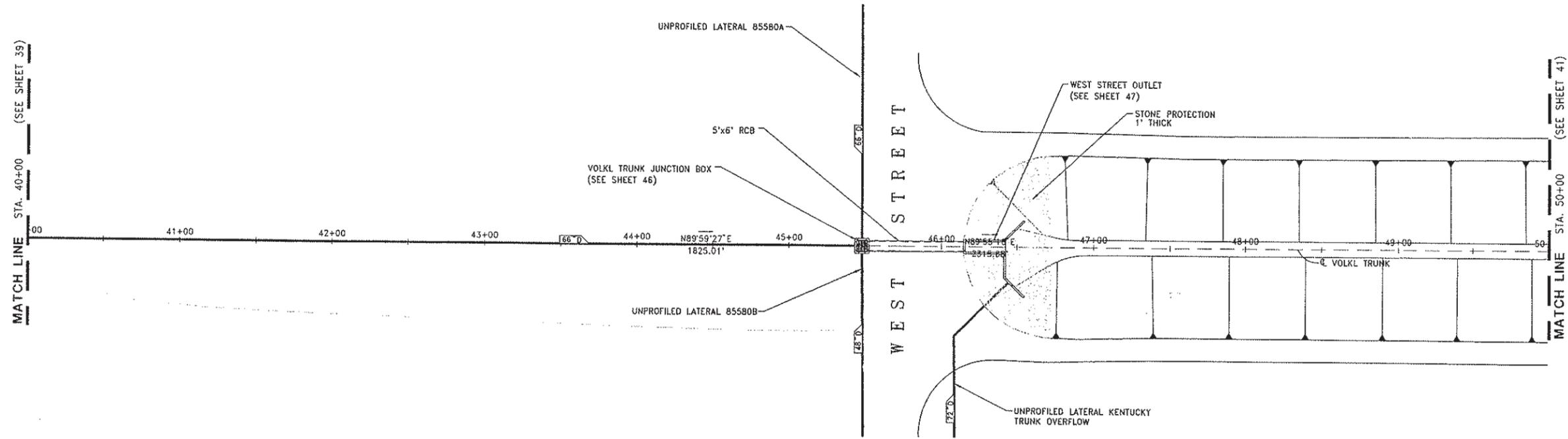
HALF-SIZE PRINT

SHEET NO. 39 OF 136

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MATCH LINE STA. 40+00 (SEE SHEET 39)

MATCH LINE STA. 50+00 (SEE SHEET 41)



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PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____ P.E. _____
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NAME _____ DATE _____
APPROVED BY: _____ DATE _____
DICK DONNELLY _____ DATE _____

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**CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKL TRUNK PLAN AND PROFILE
STA 40+00 TO 50+00**

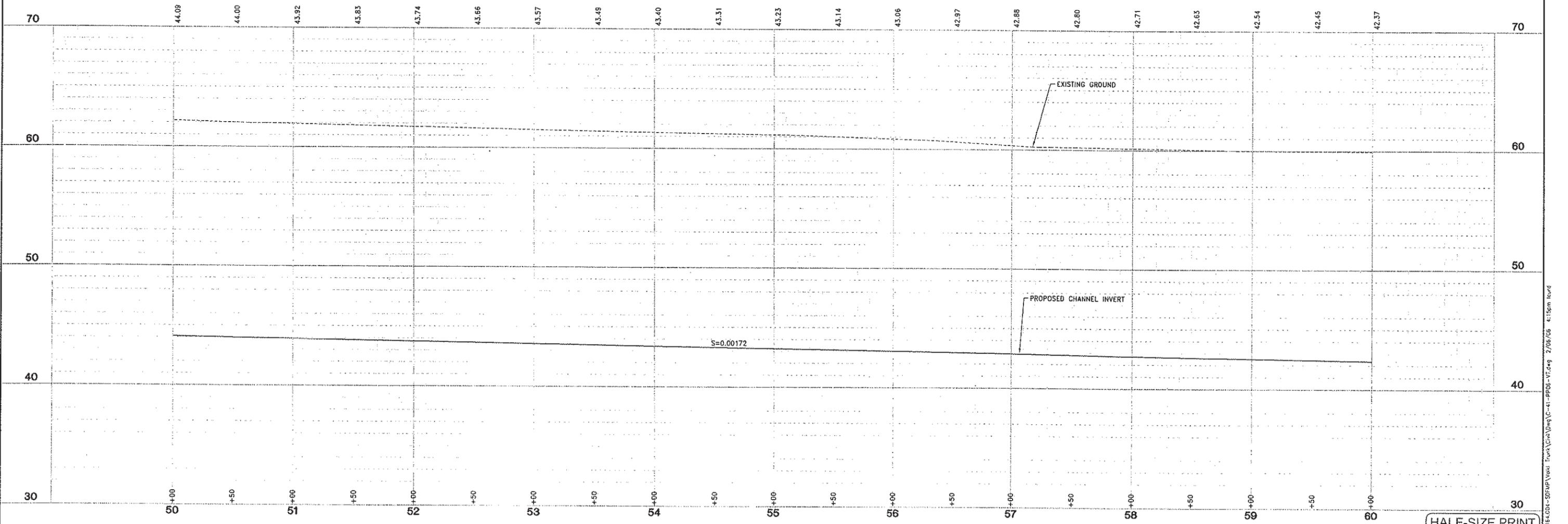
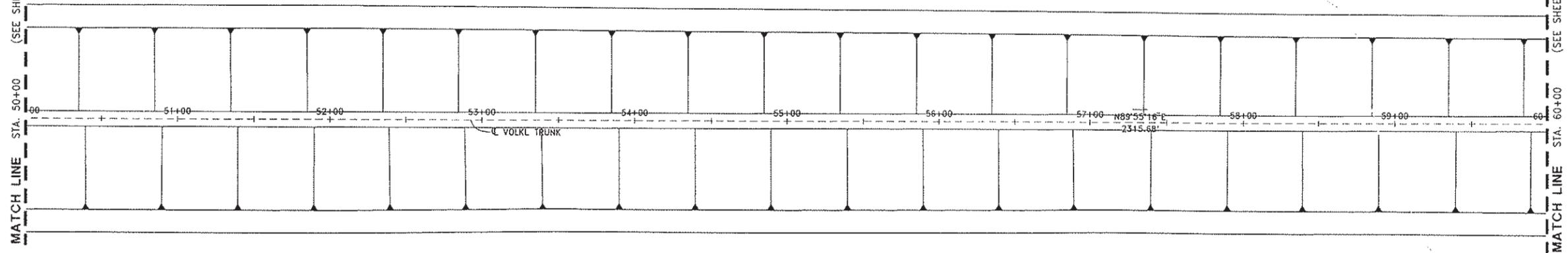
SCALE: HORIZ. 1" = 40' VERT. 1" = 4'	SHEET NO. 40 OF 136
DATE: February 2006	PROJECT NO. 8164.004

HALF-SIZE PRINT

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MATCH LINE STA. 50+00 (SEE SHEET 40)

MATCH LINE STA. 60+00 (SEE SHEET 42)



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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL TRUNK PLAN AND PROFILE
 STA 50+00 TO 60+00

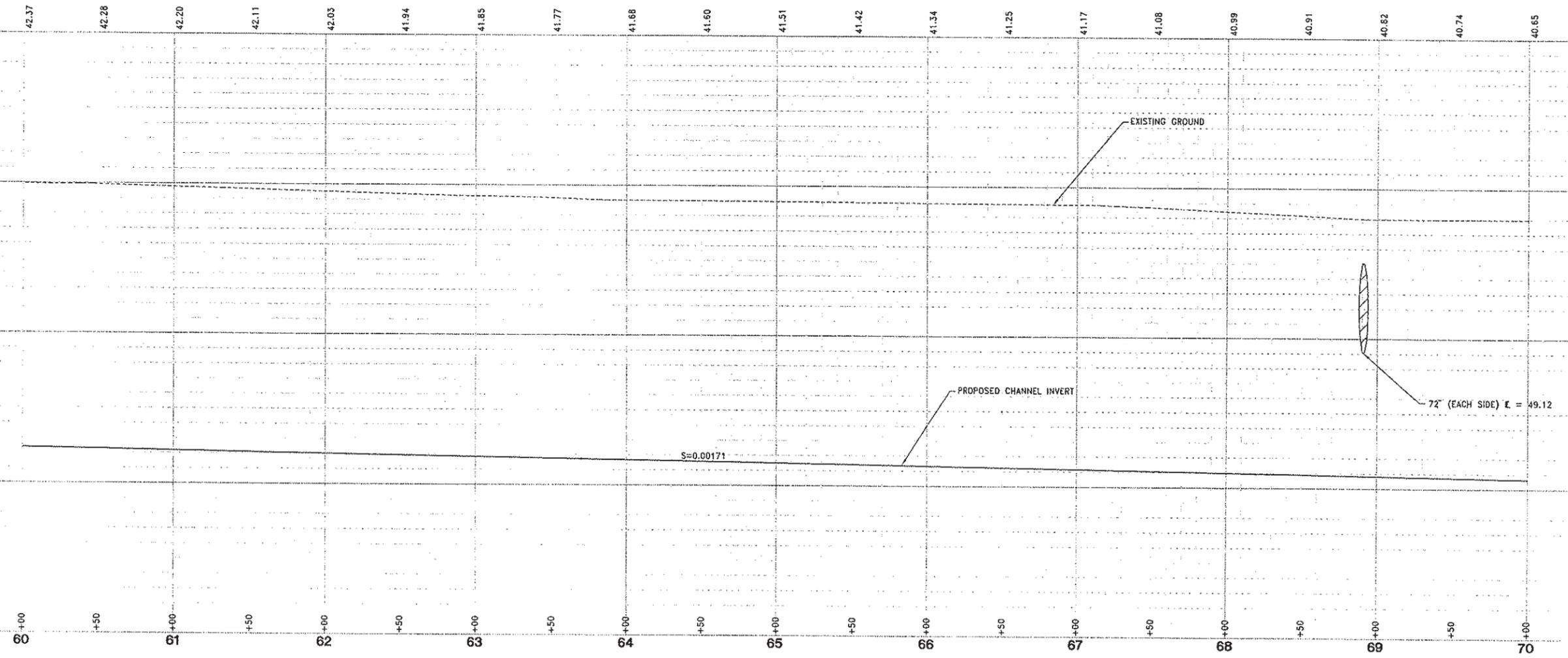
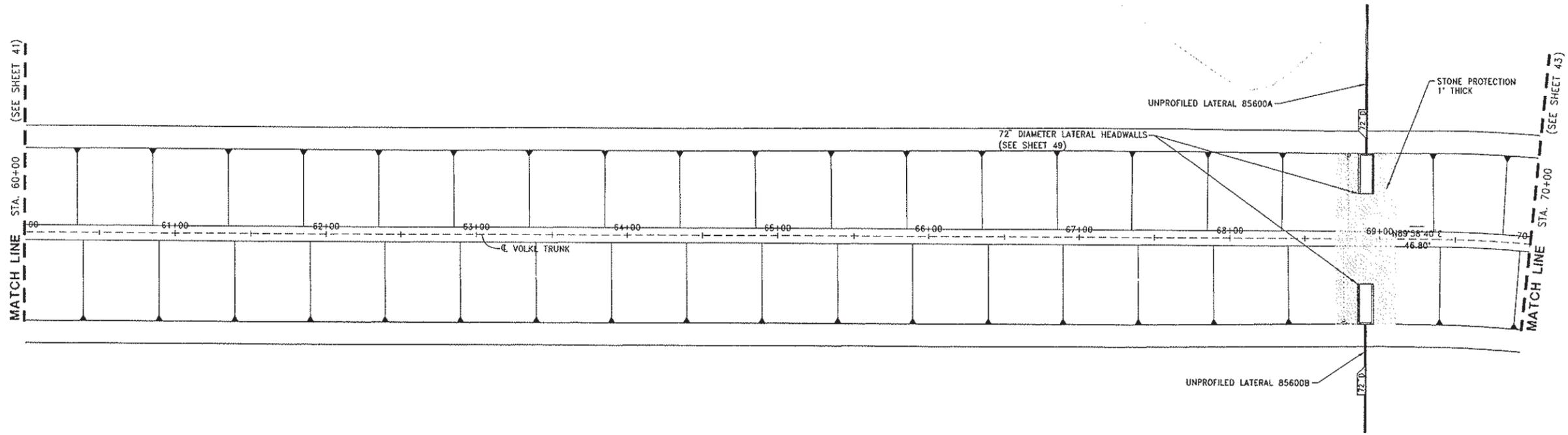
SCALE:
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT
 SHEET NO. 41 OF 136

J:\sbs\8164-CityOfWoodland\8164-004-SPRMP\Wood Trunk\Grid\Draw\C-41-PR06-VT.dwg 2/06/06 4:15pm kurd

MATCH LINE (SEE SHEET 41)
STA. 60+00

MATCH LINE (SEE SHEET 43)
STA. 70+00



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St, Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____
REGISTRATION EXP.: _____ P.E.

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____ DATE _____
DICK DONNELLY

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

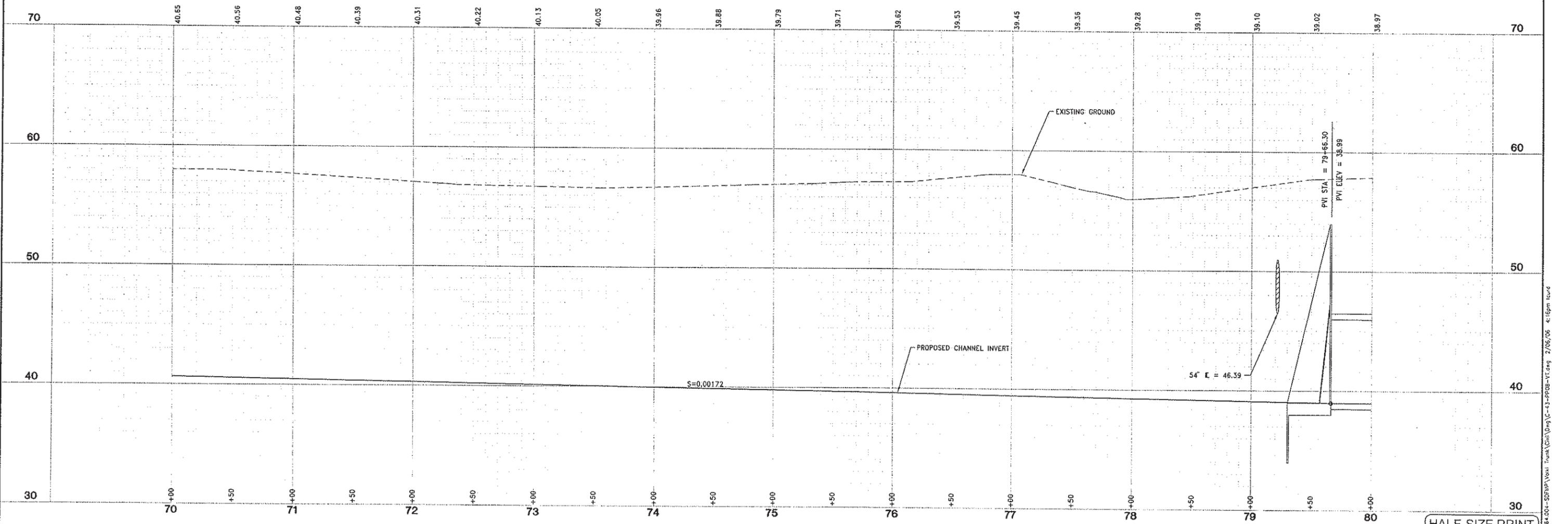
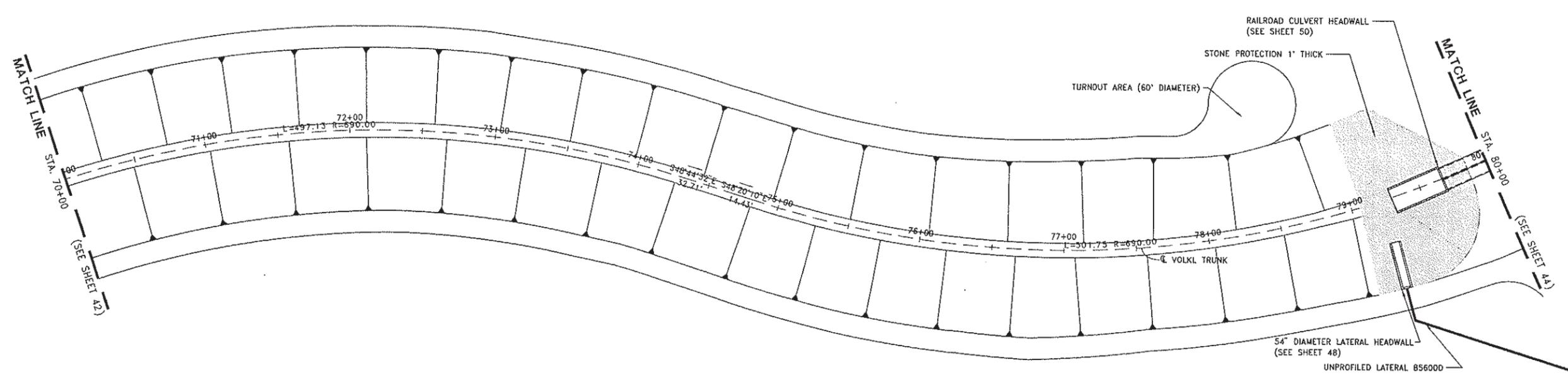
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLK TRUNK PLAN AND PROFILE
STA 60+00 TO 70+00

HALF-SIZE PRINT

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 42 OF 136
DATE: February 2006	PROJECT NO. 8164.004

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SCALE: 1"=40'



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

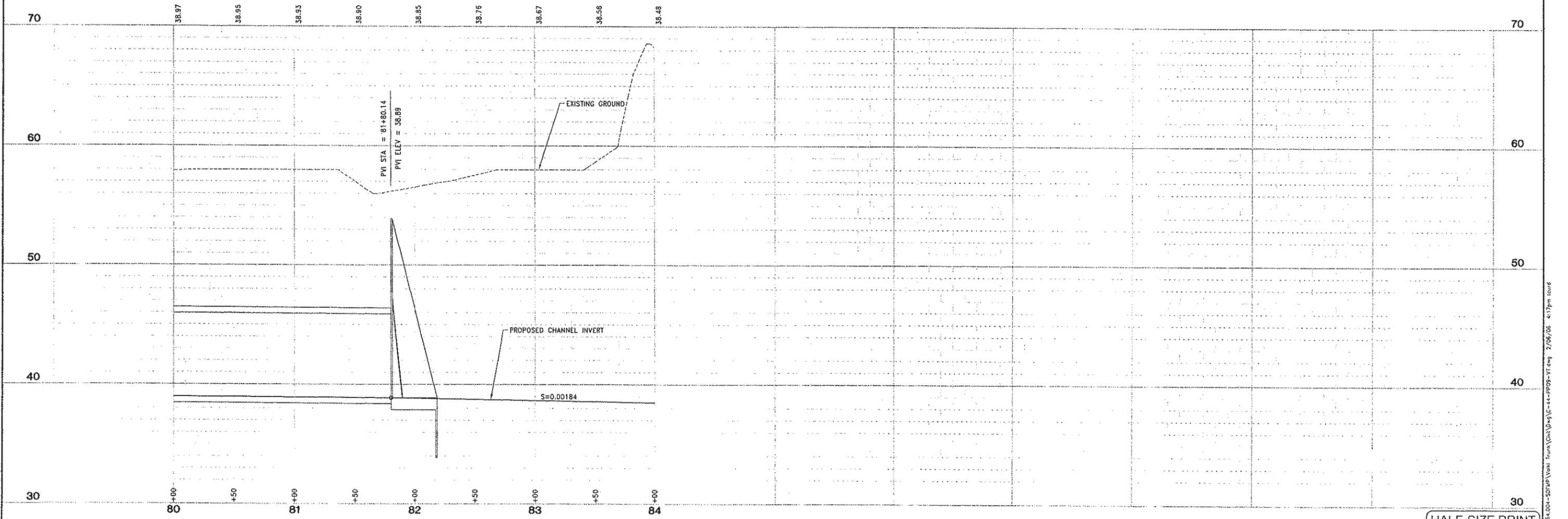
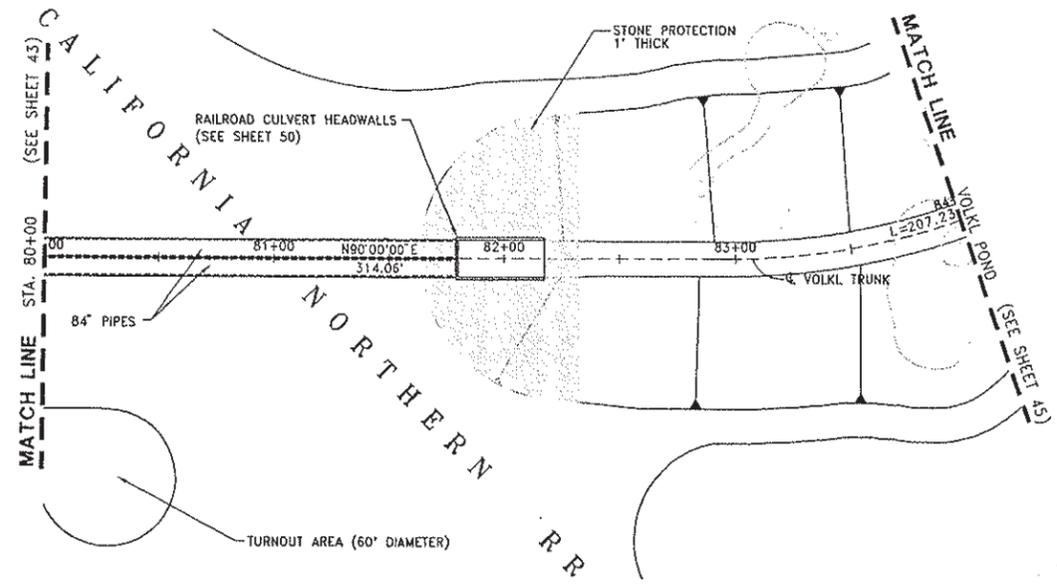
CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL TRUNK PLAN AND PROFILE
 STA 70+00 TO 80+00

SCALE: 1"=40'	SHEET NO. 43 OF 136
HORIZ. 1"=40'	
VERT. 1"=4'	
DATE: February 2006	
PROJECT NO. 8164.004	

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DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

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 3301 C St, Bldg. 100-B Sacramento, CA 95816
 Tel 916.341.7760 Fax 916.341.7767

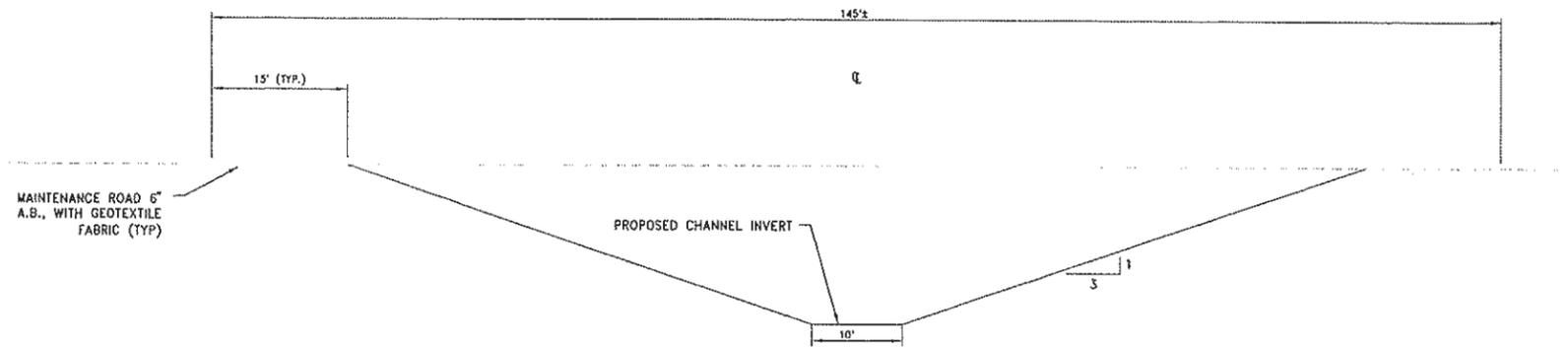
PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

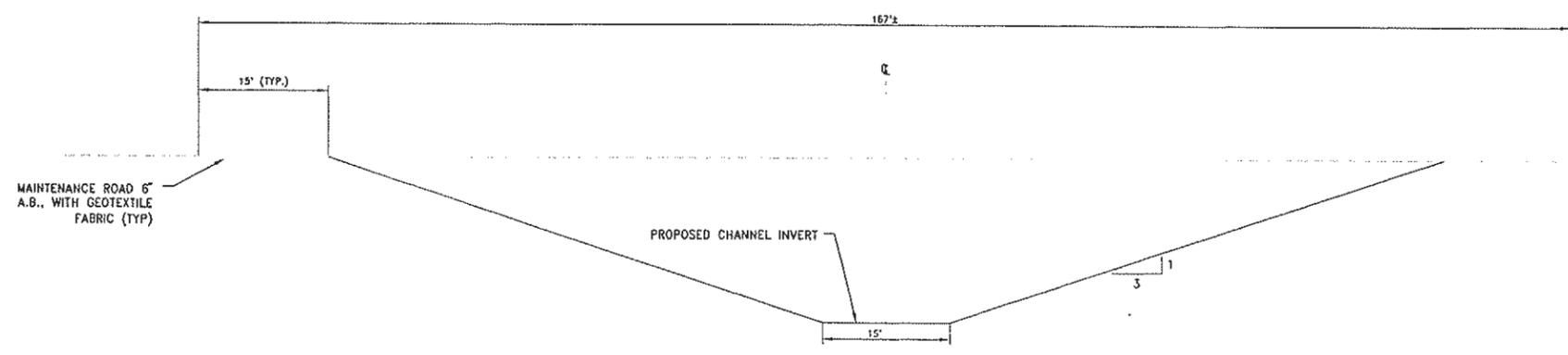
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL TRUNK PLAN AND PROFILE
 STA 80+00 TO END

SCALE: 1"=40'	SHEET NO. 44 OF 136
HORIZ. 1"=40'	
VERT. 1"=4'	
DATE: February 2006	
PROJECT NO. 8164.004	

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STA 46+43.49 TO 78+50



STA 81+80 TO END

TYPICAL CHANNEL SECTIONS

SCALE: 1"=10'

HALF-SIZE PRINT

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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY:
 DICK DONNELLY DATE _____

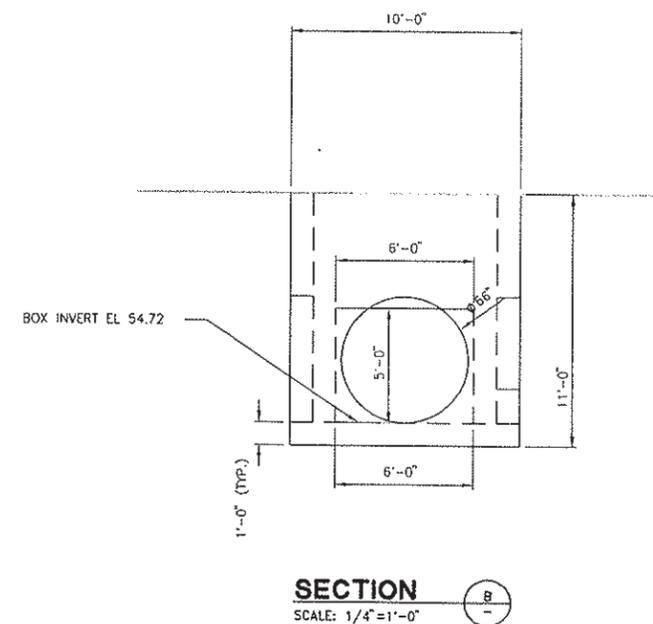
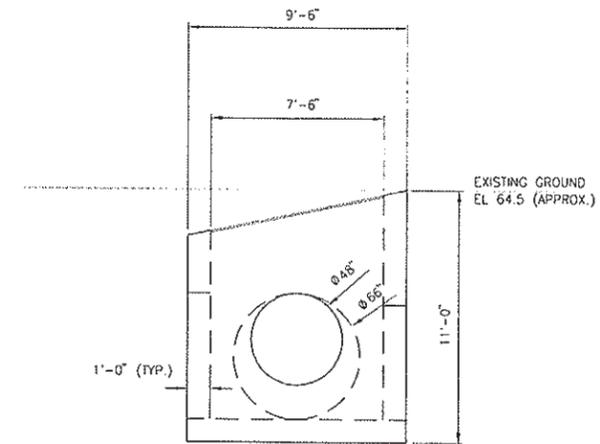
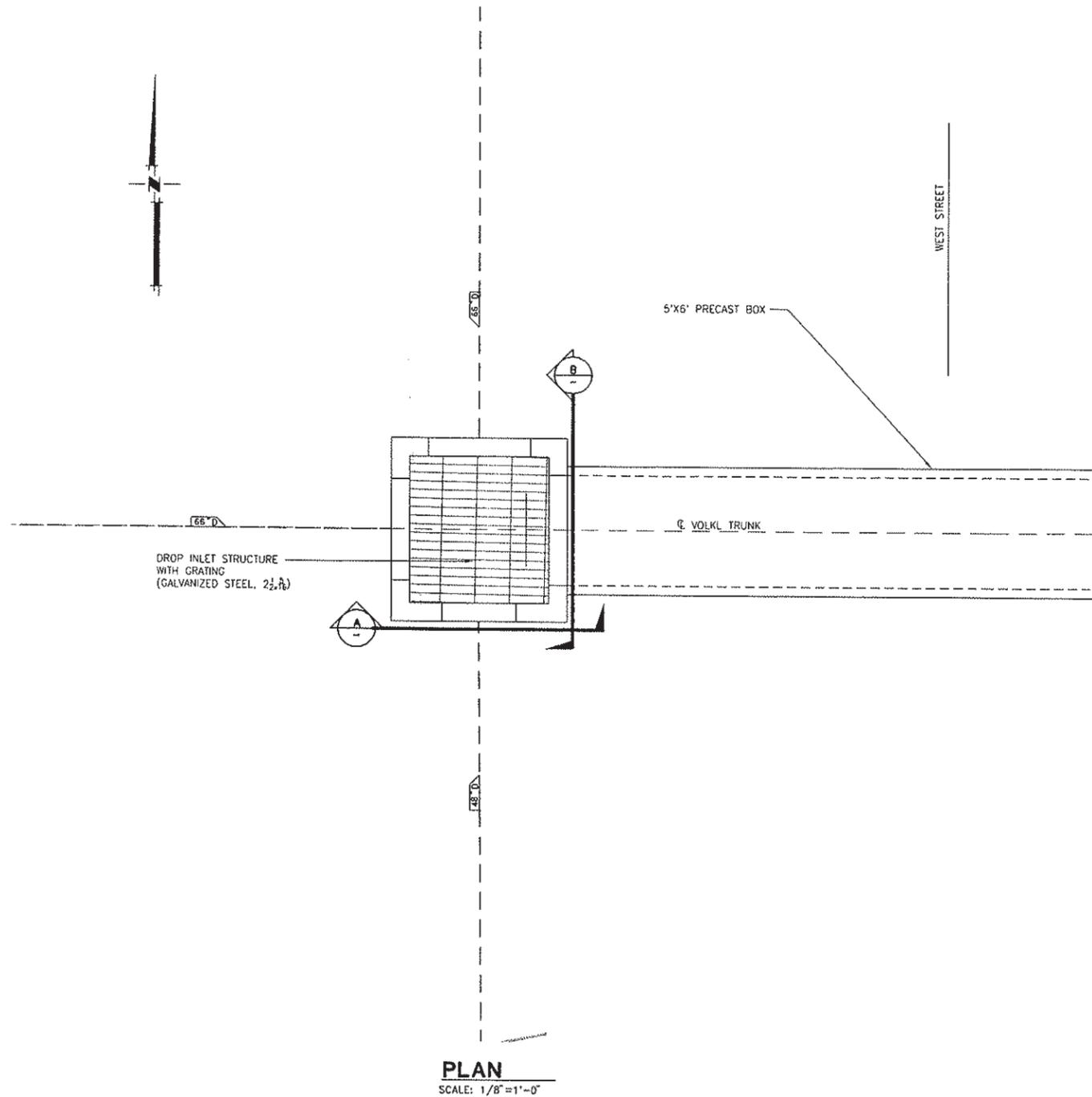
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 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKLE TRUNK
 TYPICAL CHANNEL SECTIONS

SCALE:
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 45 OF 136

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DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____
CITY OF WOODLAND RECOMMENDED BY:
NAME: _____ DATE: _____
APPROVED BY: _____ DATE: _____
DICK DONNELLY DATE: _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

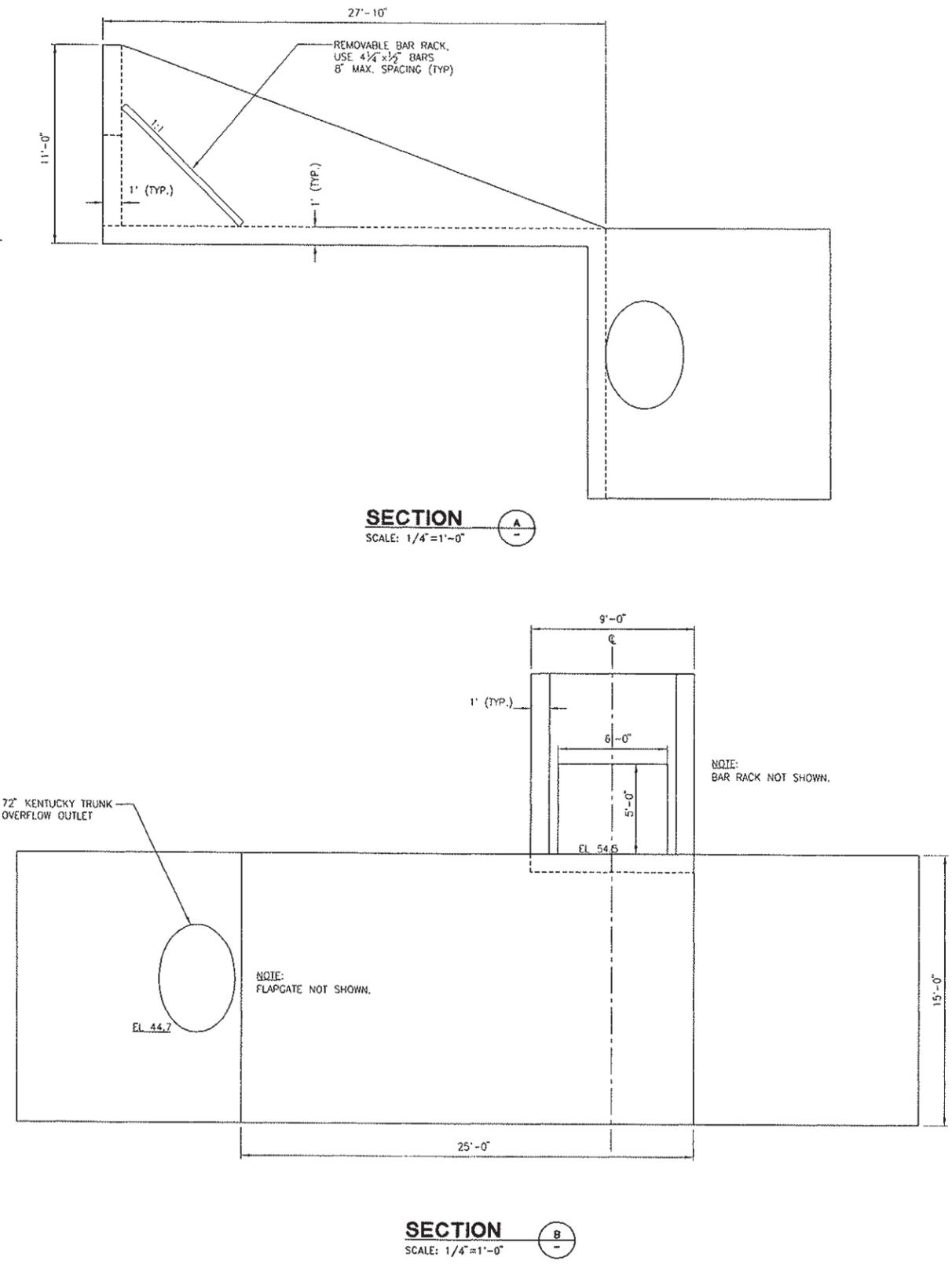
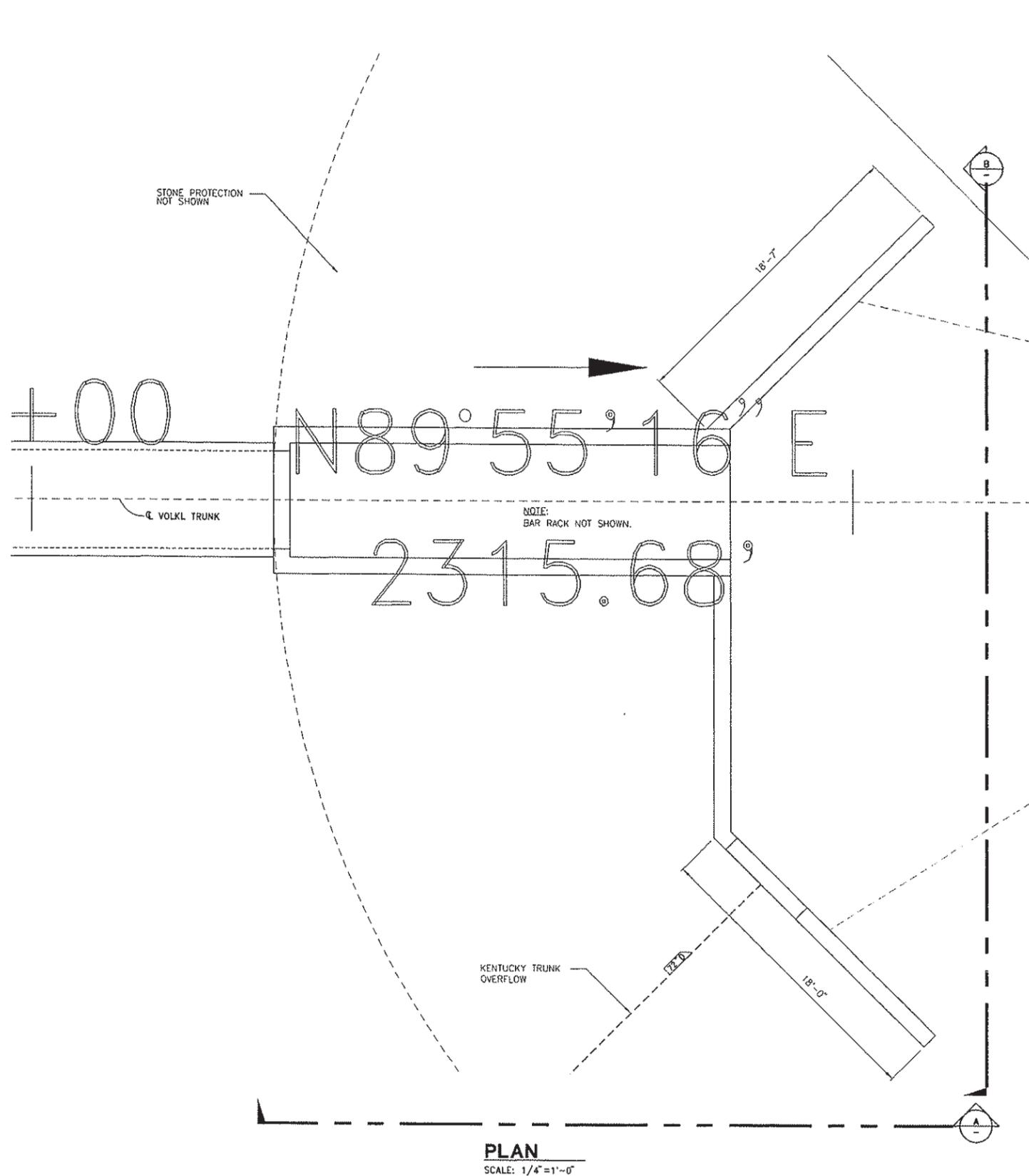
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKL TRUNK
JUNCTION BOX AT WEST STREET
PLAN AND SECTIONS

HALF-SIZE PRINT

SCALE:
HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. 8164.004

SHEET NO. 46 OF 136

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FILE:					

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3301 C St, Bldg. 100-B Tel 916.341.7780
Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE

CITY OF WOODLAND
RECOMMENDED BY:

NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

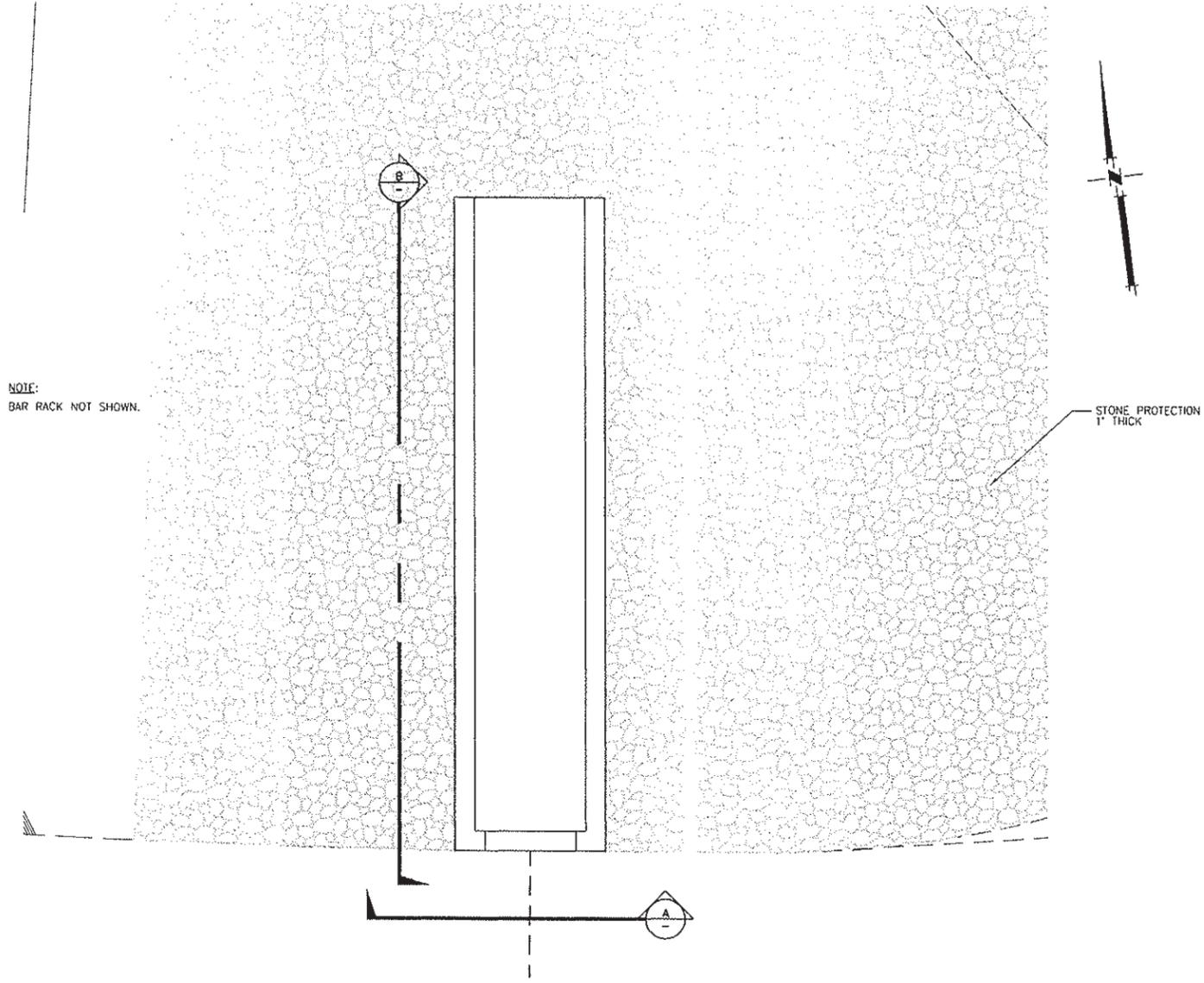
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKLE TRUNK
5'X6' OUTLET HEADWALL AT WEST STREET
PLAN AND SECTIONS

HALF-SIZE PRINT

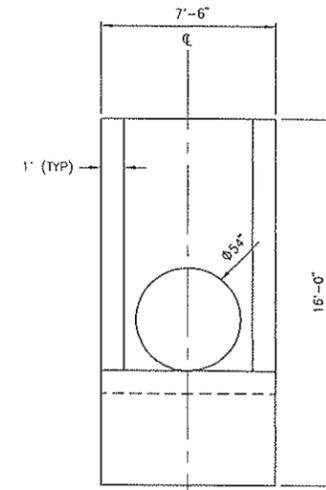
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HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. 8164.004

SHEET NO. 47 OF 136

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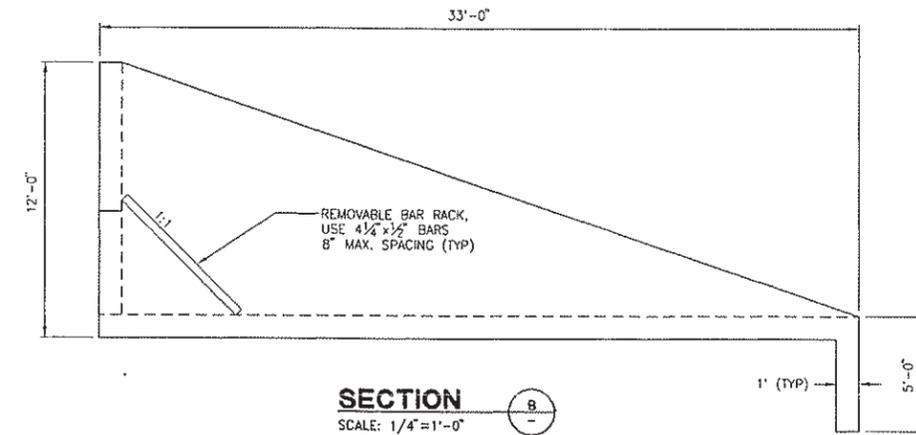


PLAN
SCALE: 1/4"=1'-0"



SECTION A-A
SCALE: 1/4"=1'-0"

NOTE:
BAR RACK AND FLAP GATE NOT SHOWN.



SECTION B-B
SCALE: 1/4"=1'-0"

DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

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DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St. Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____
P.E.
REGISTRATION EXP.: _____

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

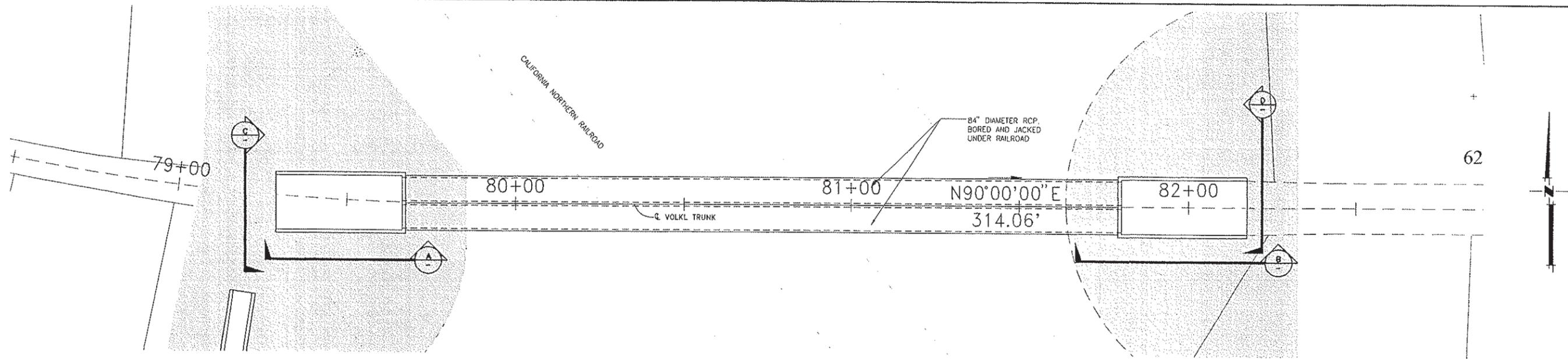
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKL TRUNK
54" PIPE LATERAL INLET HEADWALL
PLAN AND SECTIONS

SCALE:
HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. 8164.004

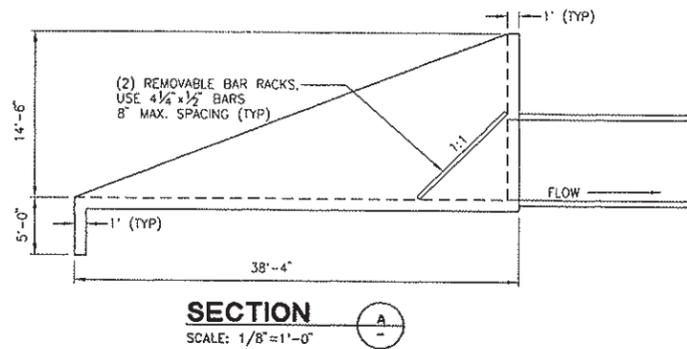
HALF-SIZE PRINT

SHEET NO. 48 OF 136

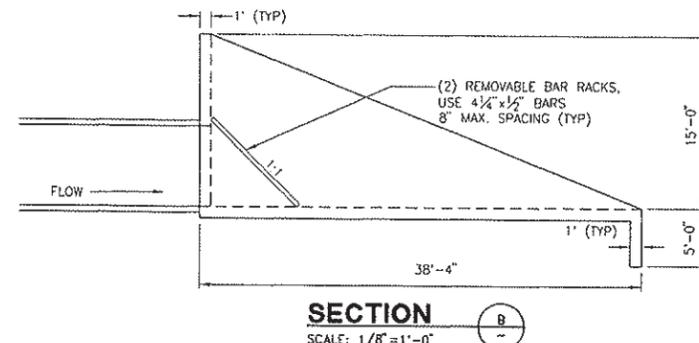
Z:\apps\1616-City\mccreedy\1616-001-SS\WP\Work\CA\DWG\C-48-SS03-V1.dwg 2/06/06 7:08pm tord



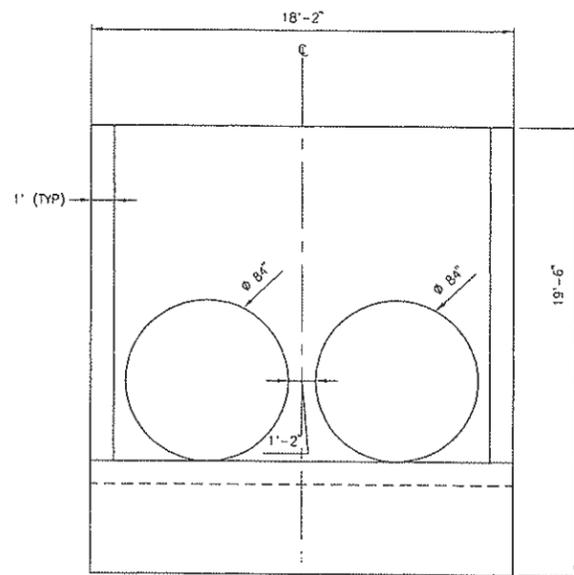
PLAN
SCALE: 1/16"=1'-0"



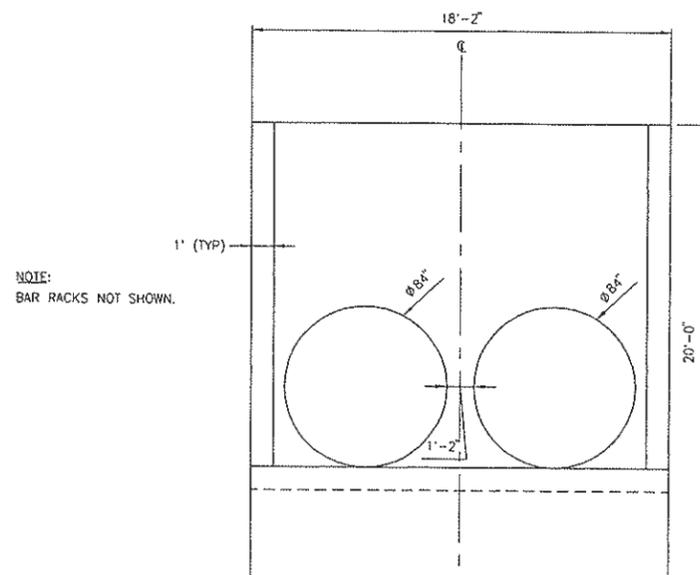
SECTION A
SCALE: 1/8"=1'-0"



SECTION B
SCALE: 1/8"=1'-0"



SECTION C
SCALE: 1/4"=1'-0"



SECTION D
SCALE: 1/4"=1'-0"

NOTE:
BAR RACKS NOT SHOWN.

NOTE:
BAR RACKS NOT SHOWN.

DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St, Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95818 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____ P.E.
REGISTRATION EXP.: _____

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

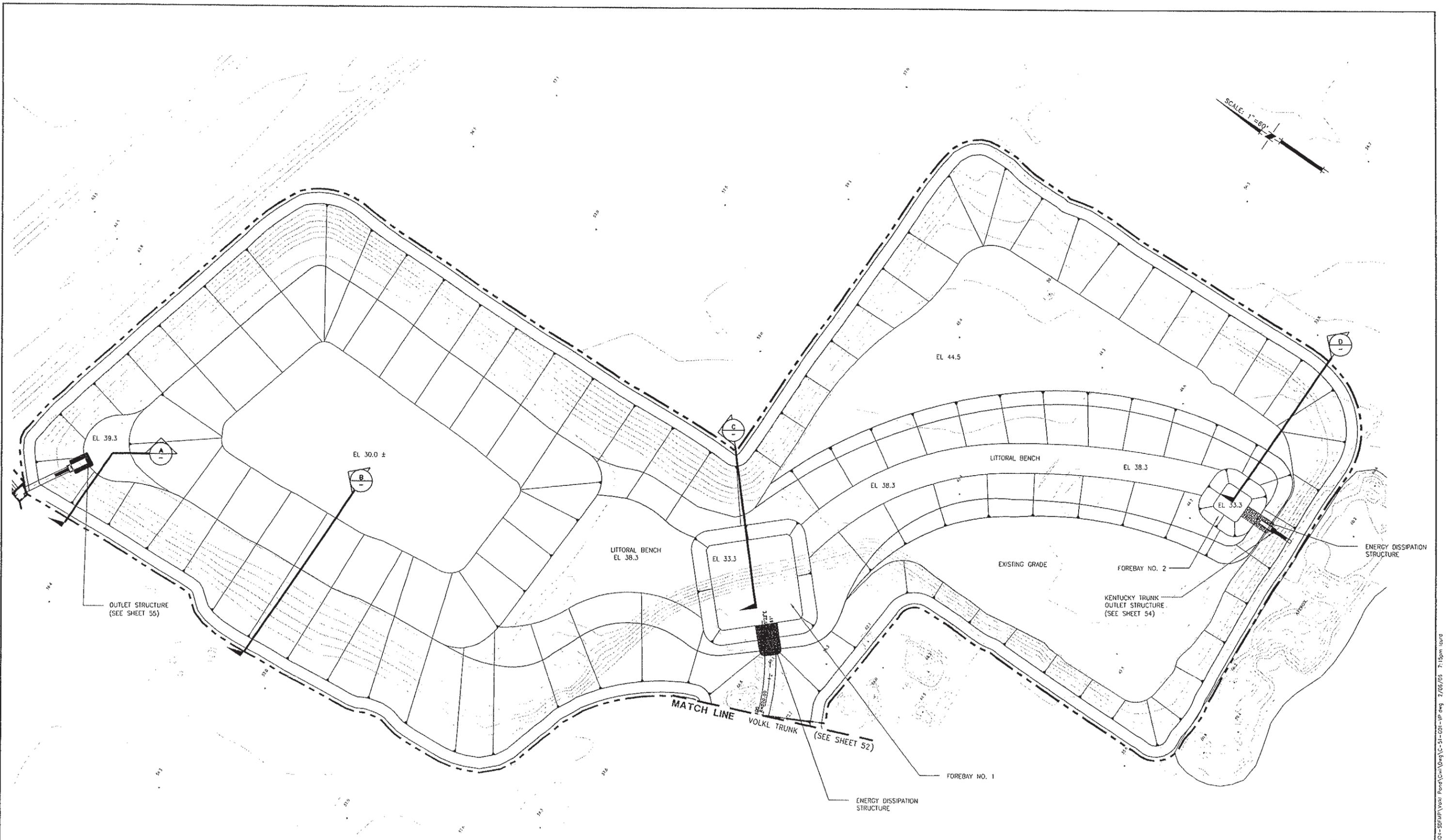
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKLI TRUNK
RAILROAD CULVERT
PLAN AND SECTIONS

SCALE: _____
HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. 8164.004

SHEET NO. 50 OF 136

HALF-SIZE PRINT

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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

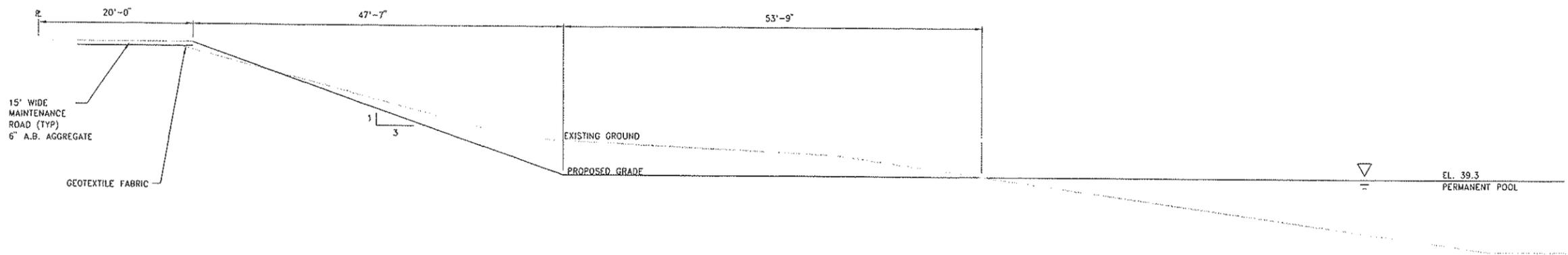
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKL POND
PLAN

SCALE: _____
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

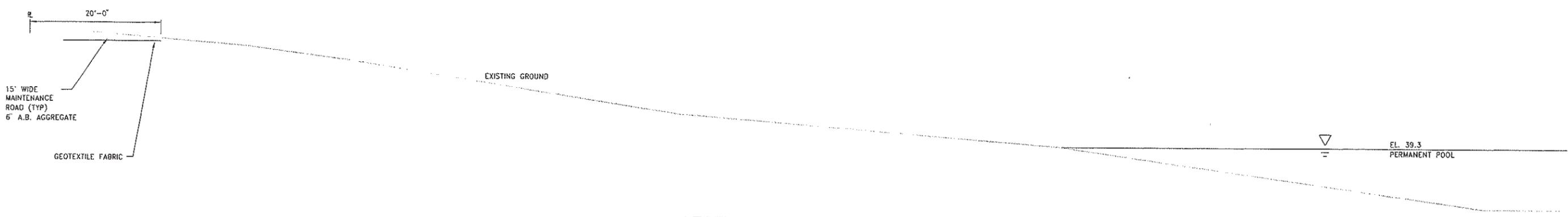
HALF-SIZE PRINT

SHEET NO. **51** OF **136**

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SECTION A
SCALE: 1/8"=1'-0"



SECTION B
SCALE: 1/8"=1'-0"

DESIGNED BY J. FRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY:
DICK DONNELLY DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

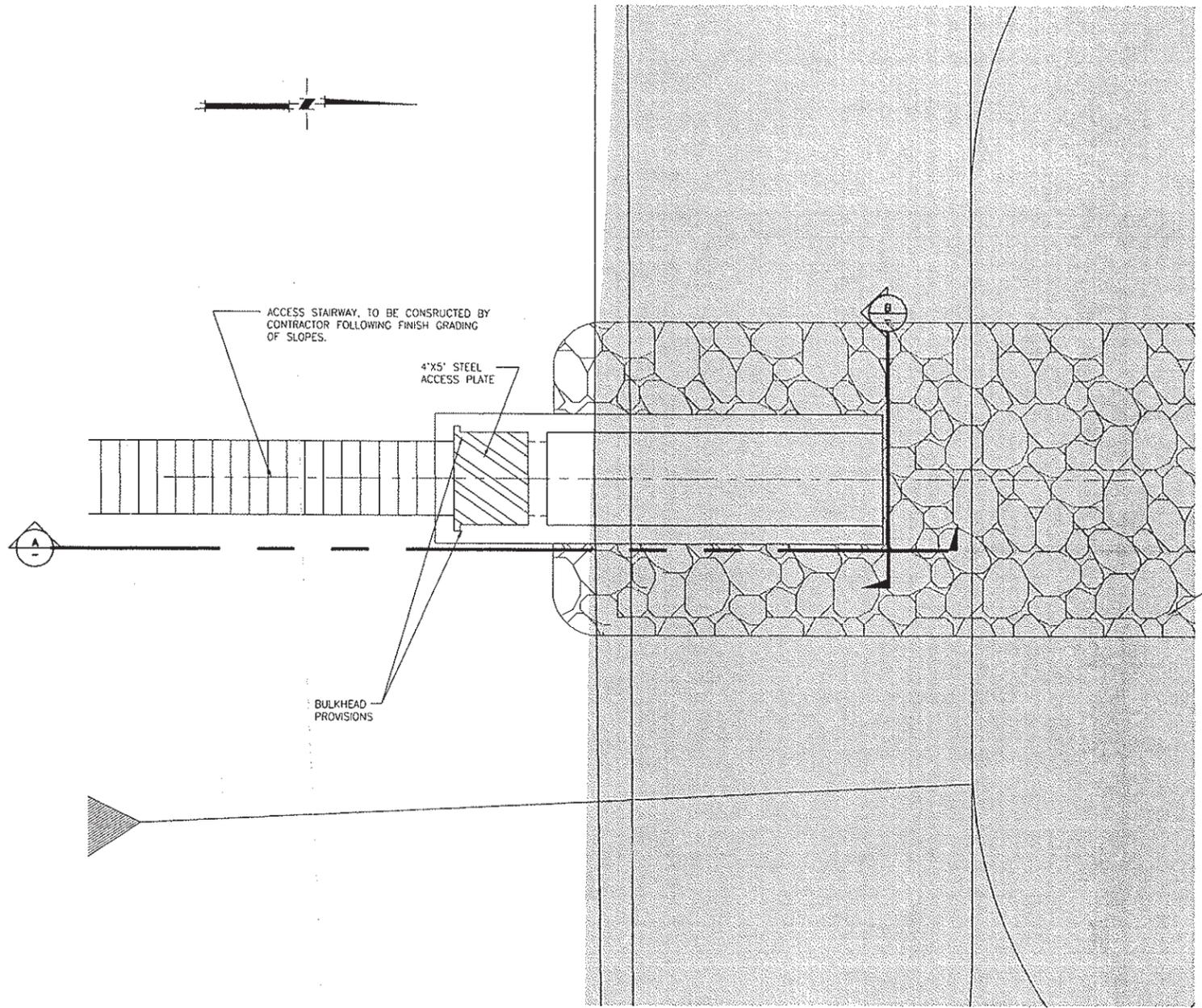
CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKLE POND
TYPICAL SECTIONS
SHEET 1

SCALE: _____
HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. B164.004

HALF-SIZE PRINT

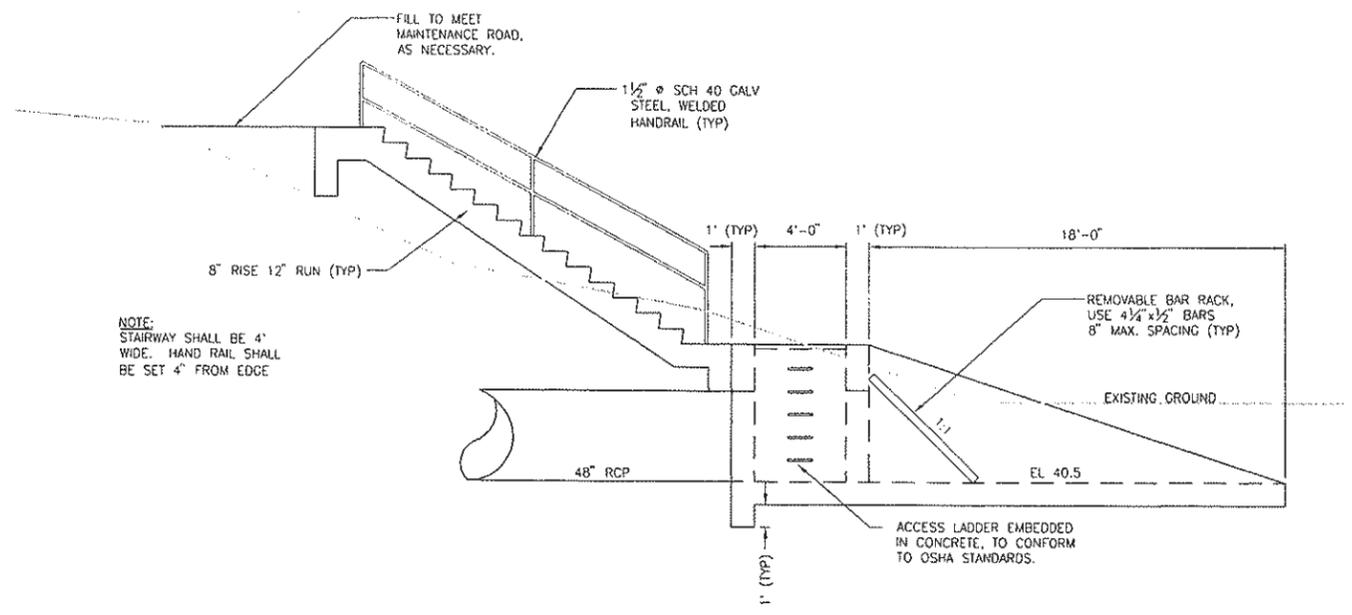
SHEET NO. 52 OF 136

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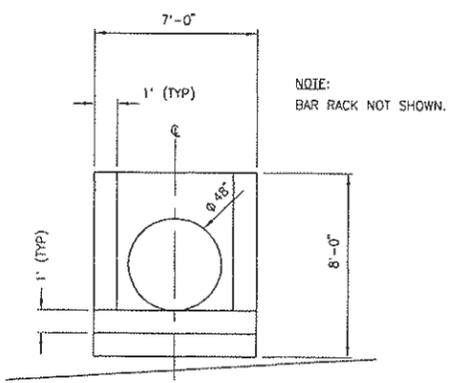


PLAN
SCALE: 1/4"=1'-0"

NOTE:
BAR RACK NOT SHOWN.



SECTION A-A
SCALE: 1/4"=1'-0"



SECTION B-B
SCALE: 1/4"=1'-0"

DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3901 C St. Bldg. 100-B Sacramento, CA 95818
Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE _____
CITY OF WOODLAND RECOMMENDED BY: _____
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY DATE _____

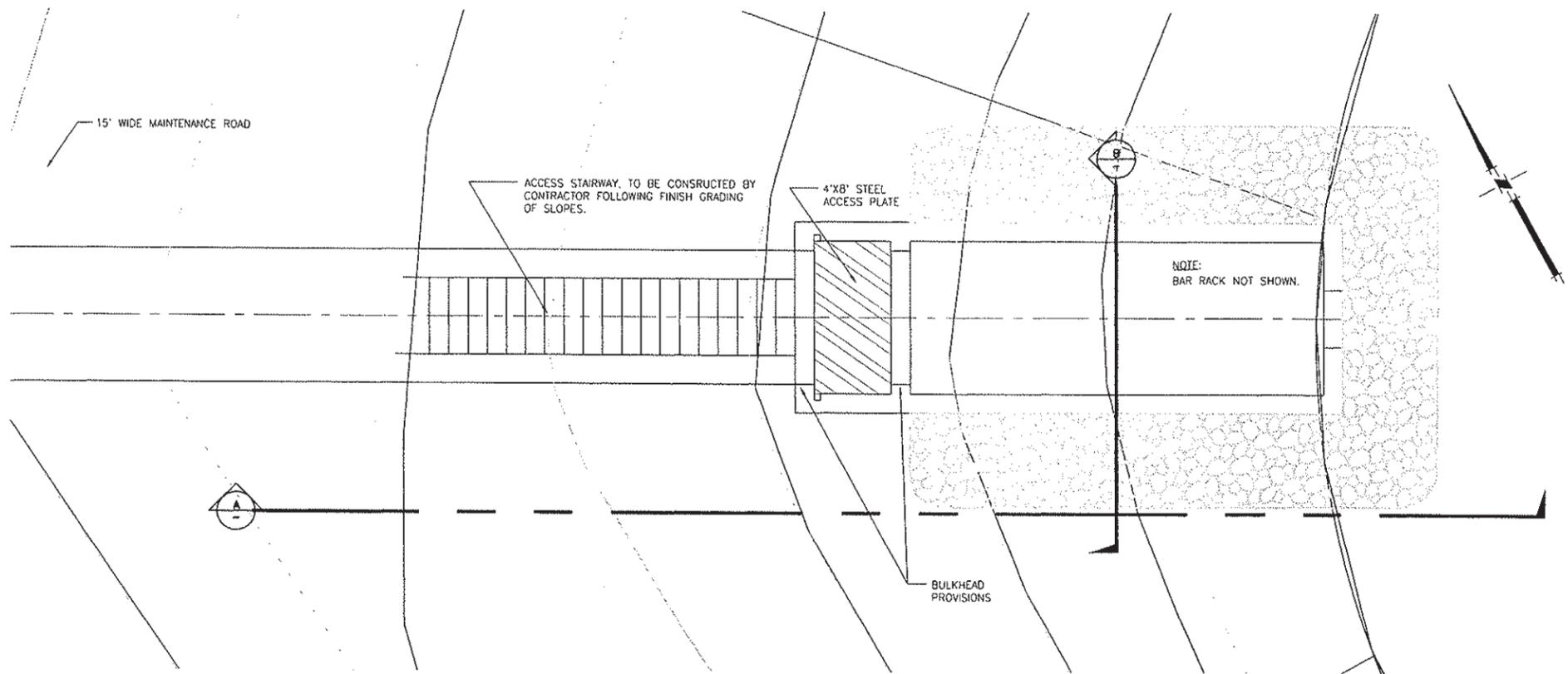
CITY OF WOODLAND
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ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKL POND
KENTUCKY TRUNK OUTLET STRUCTURE
PLAN AND SECTIONS

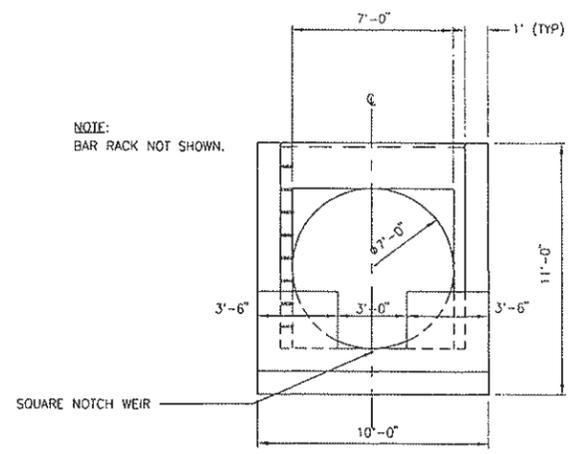
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HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. 8164.004

SHEET NO. **54**
OF **136**

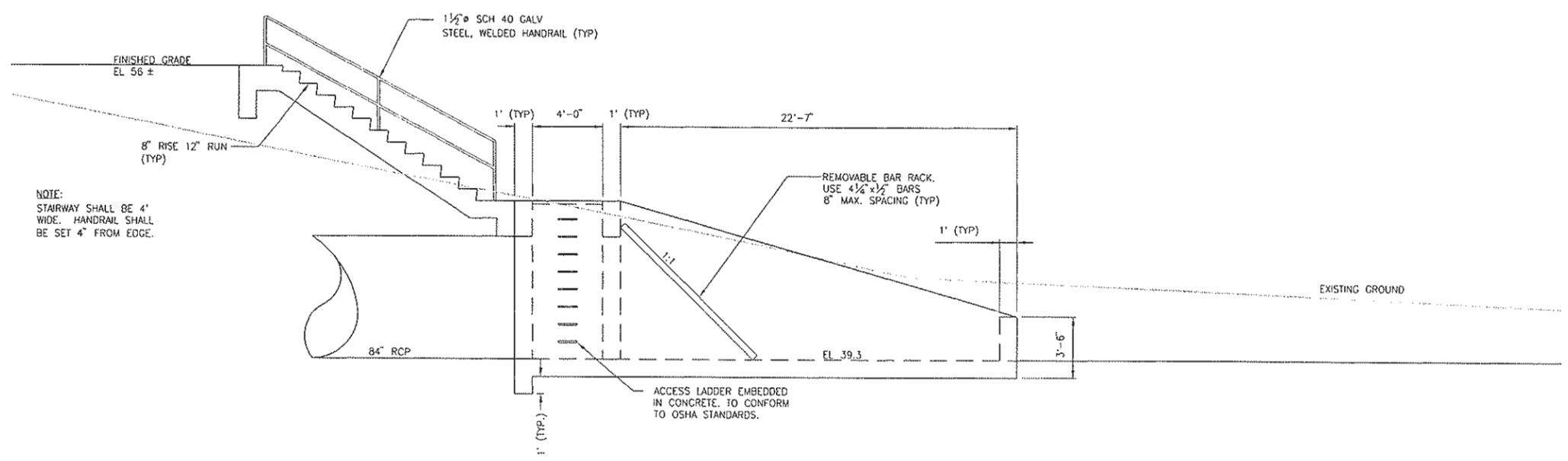
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PLAN
SCALE: 1/4"=1'-0"



SECTION
SCALE: 1/4"=1'-0"



SECTION
SCALE: 1/4"=1'-0"

DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

WOOD ROGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St. Bldg. 100-B Tel 916.341.7760
Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____
DATE: _____ P.E.
REGISTRATION EXP.: _____

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY _____ DATE _____

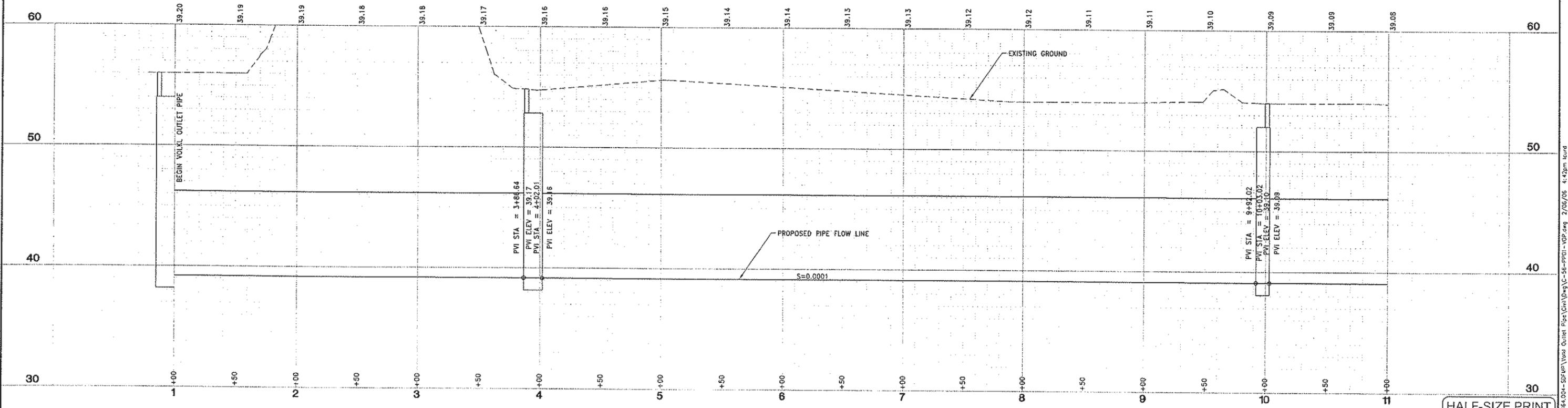
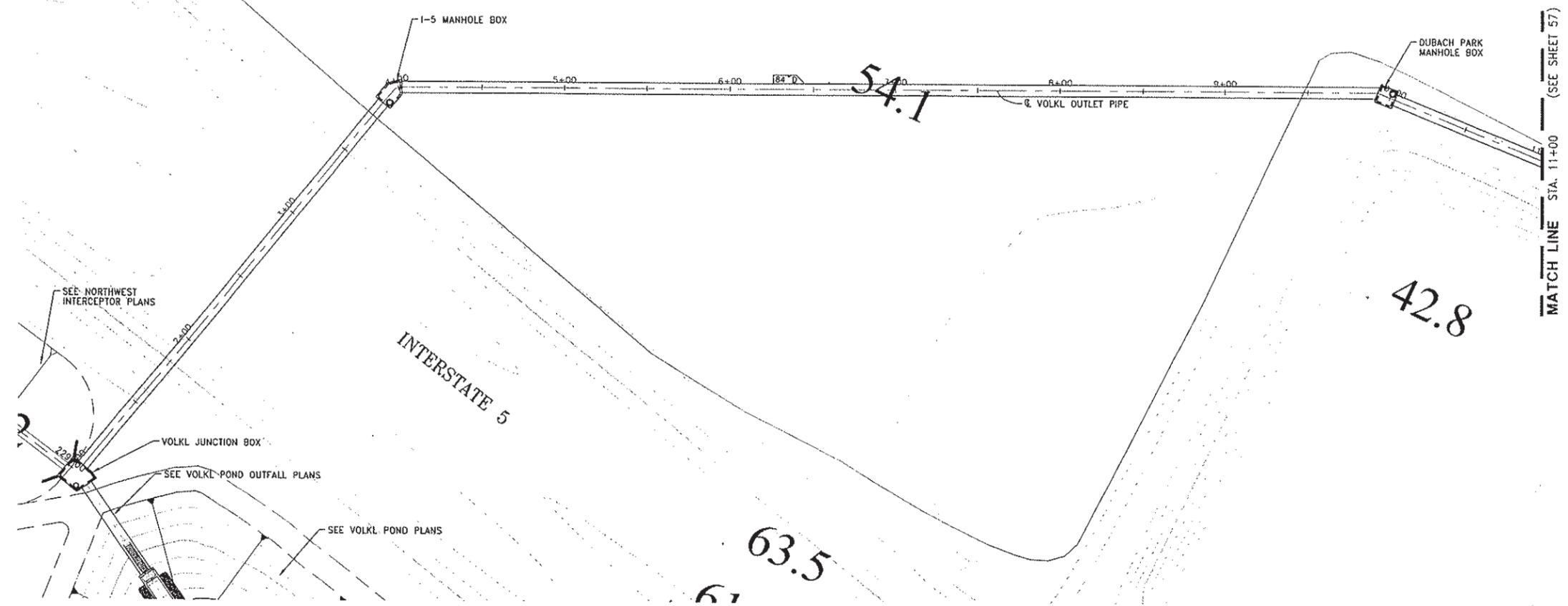
CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKLE POND
OUTLET STRUCTURE
PLAN AND SECTIONS

HALF-SIZE PRINT

SCALE:
HORIZ. _____
VERT. _____
DATE: February 2006
PROJECT NO. 8164.004

SHEET NO. 55 OF 136



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 3301 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY DATE: _____

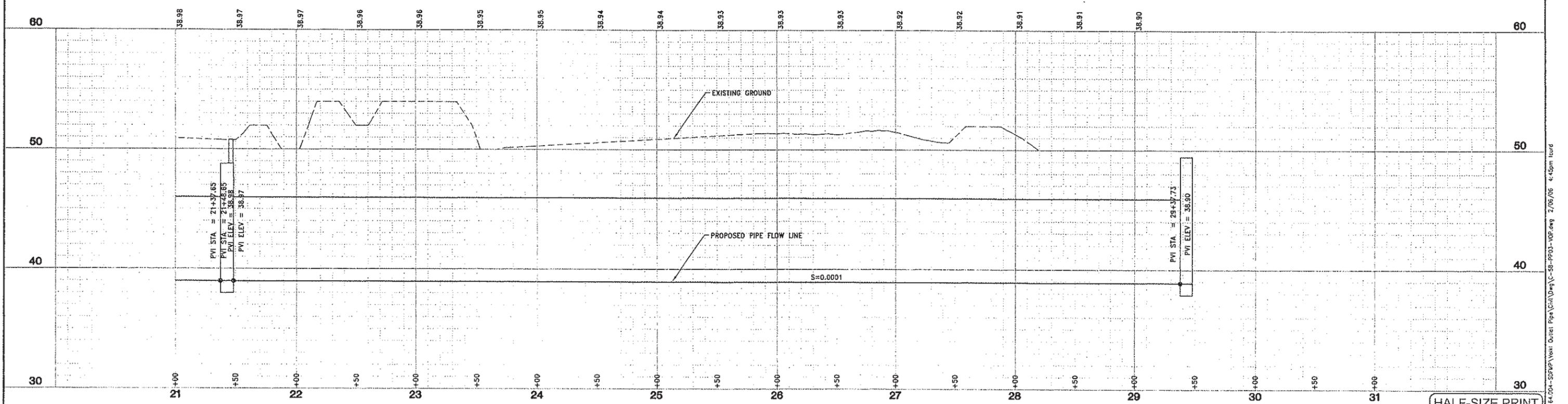
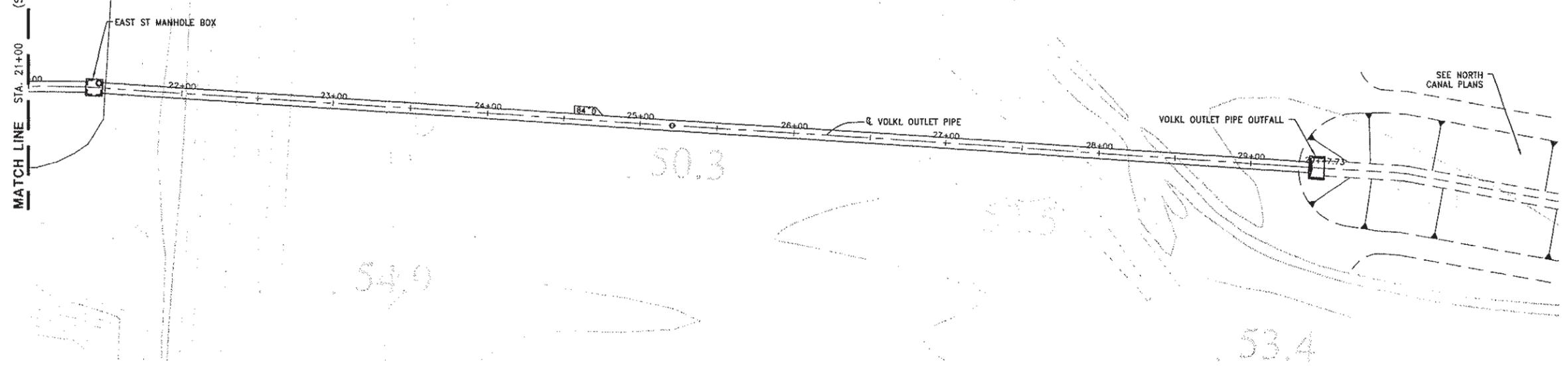
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL POND
 OUTLET PIPE PLAN AND PROFILE
 STA 1+00 TO 11+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. B164.004
 SHEET NO. 56 OF 136

J:\sds\B164-City of Woodland\Storm Drainage\Volkl Pond Outlet Pipe\Grid\Draw\K-56-PP01-VOP.dwg 2/05/06 4:42pm leard

MATCH LINE STA. 21+00 (SEE SHEET 57)



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 3301 C St, Bldg. 100-B Sacramento, CA 95816
 Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

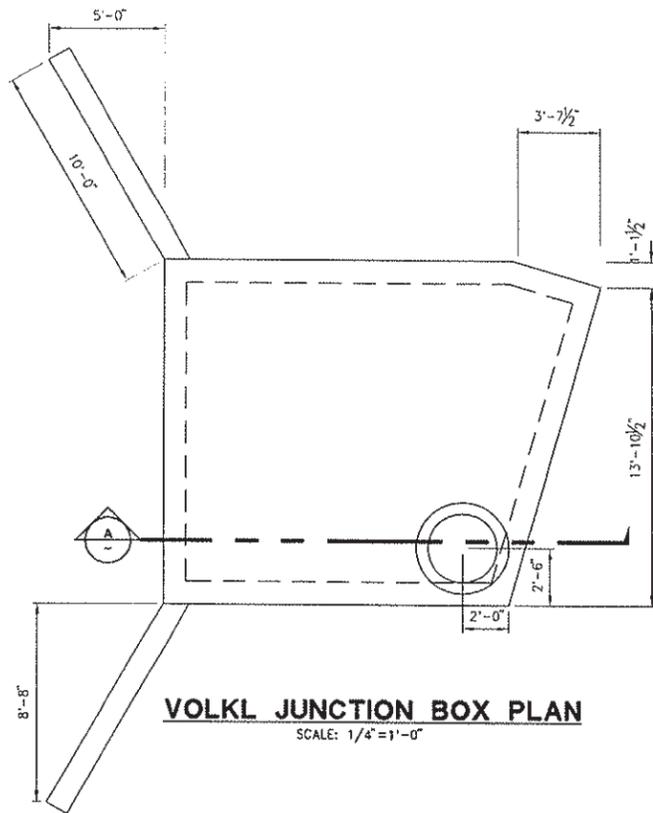
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLK POND
 OUTLET PIPE PLAN AND PROFILE
 STA 21+00 TO END

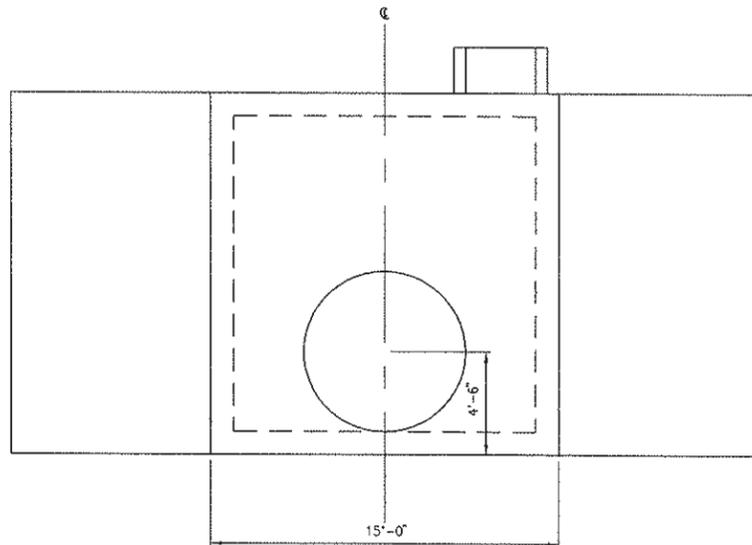
SCALE:
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 58 OF 136

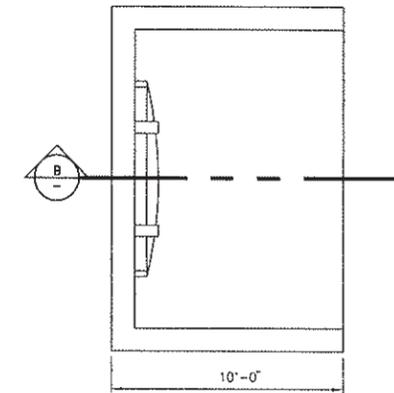
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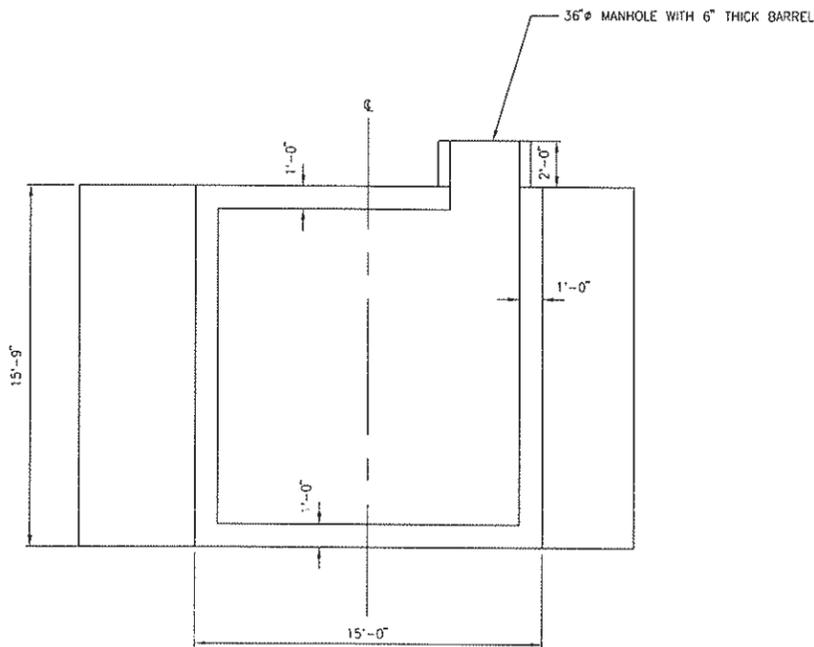
VOLKL JUNCTION BOX PLAN
SCALE: 1/4"=1'-0"



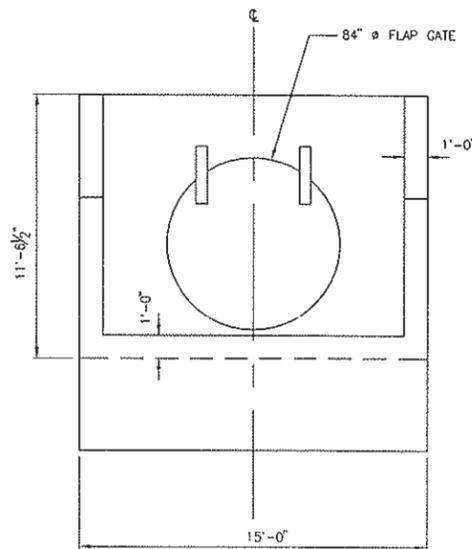
VOLKL JUNCTION BOX ELEVATION
SCALE: 1/4"=1'-0"



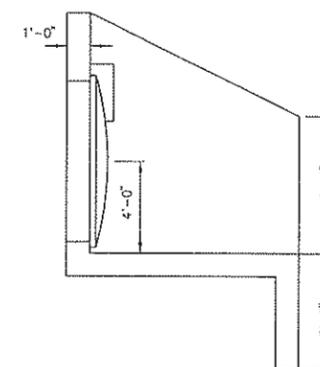
OUTFALL PLAN
SCALE: 1/4"=1'-0"



SECTION
SCALE: 1/4"=1'-0" A



OUTFALL ELEVATION
SCALE: 1/4"=1'-0"



SECTION
SCALE: 1/4"=1'-0" B

HALF-SIZE PRINT

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	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____ DATE: _____ P.E.
REGISTRATION EXP.: _____

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY DATE _____

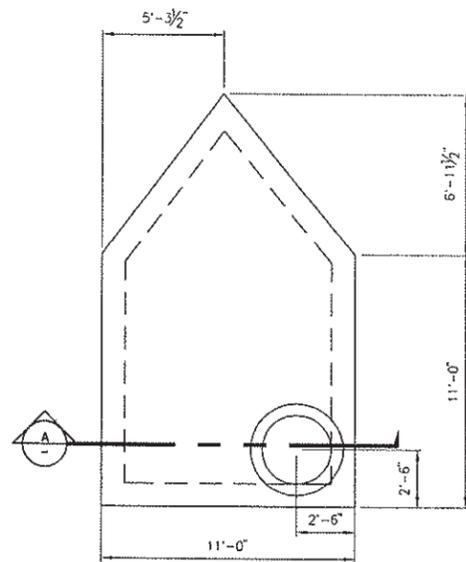
CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95685 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
VOLKL OUTLET PIPE STRUCTURAL DETAILS
JUNCTION BOX AND PIPE OUTFALL
PLAN AND SECTIONS

SCALE: 1"=40'
HORIZ. 1"=4'
VERT. DATE: February 2006
PROJECT NO. 8164.004

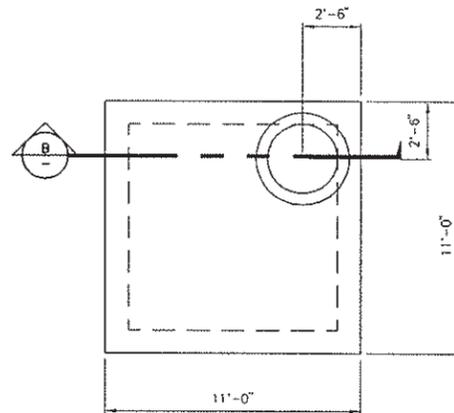
SHEET NO. 59 OF 136

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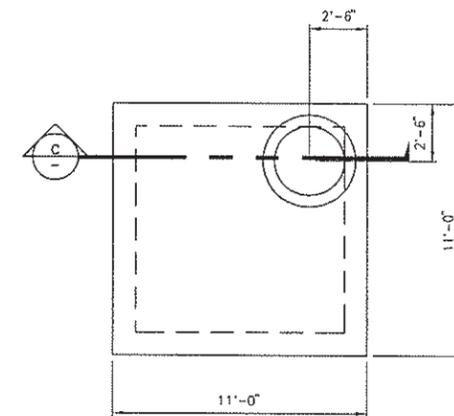
I-5 MANHOLE BOX PLAN

SCALE: 1/4"=1'-0"



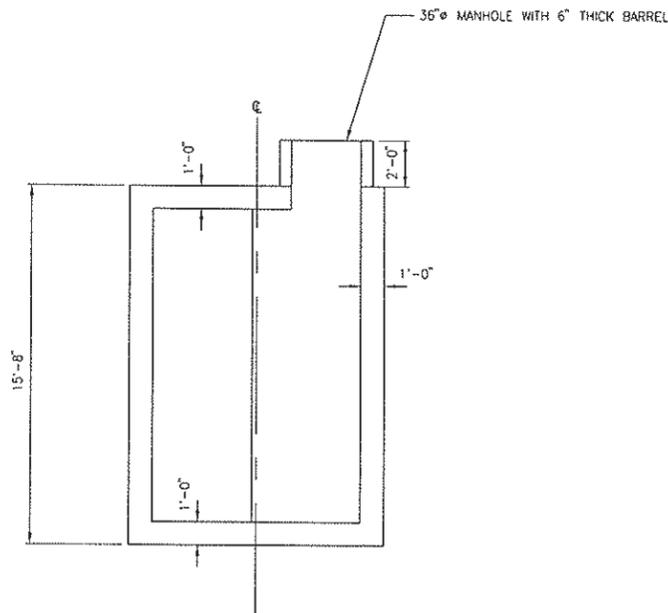
DUBACH PARK MANHOLE BOX PLAN

SCALE: 1/4"=1'-0"



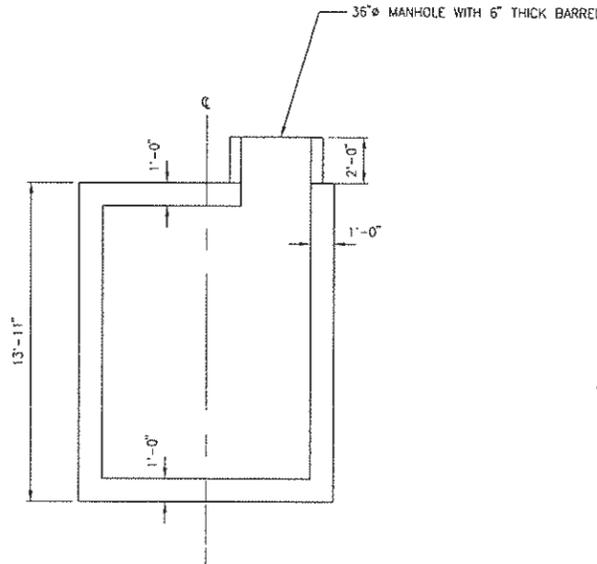
EAST ST MANHOLE BOX PLAN

SCALE: 1/4"=1'-0"



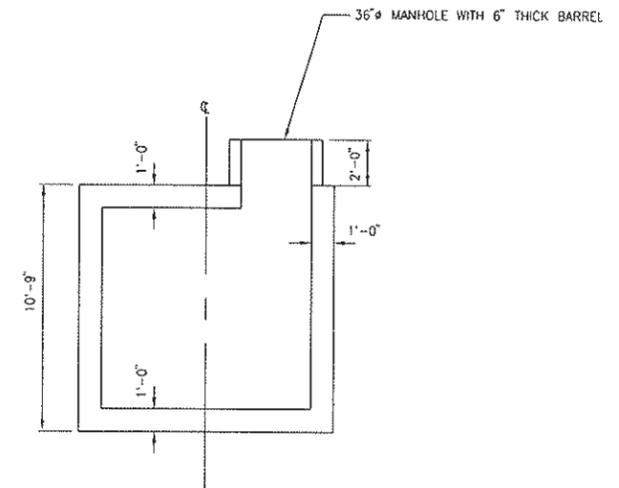
SECTION A

SCALE: 1/4"=1'-0"



SECTION B

SCALE: 1/4"=1'-0"



SECTION C

SCALE: 1/4"=1'-0"

DESIGNED BY J. PRITCHARD	REVISIONS				
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REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

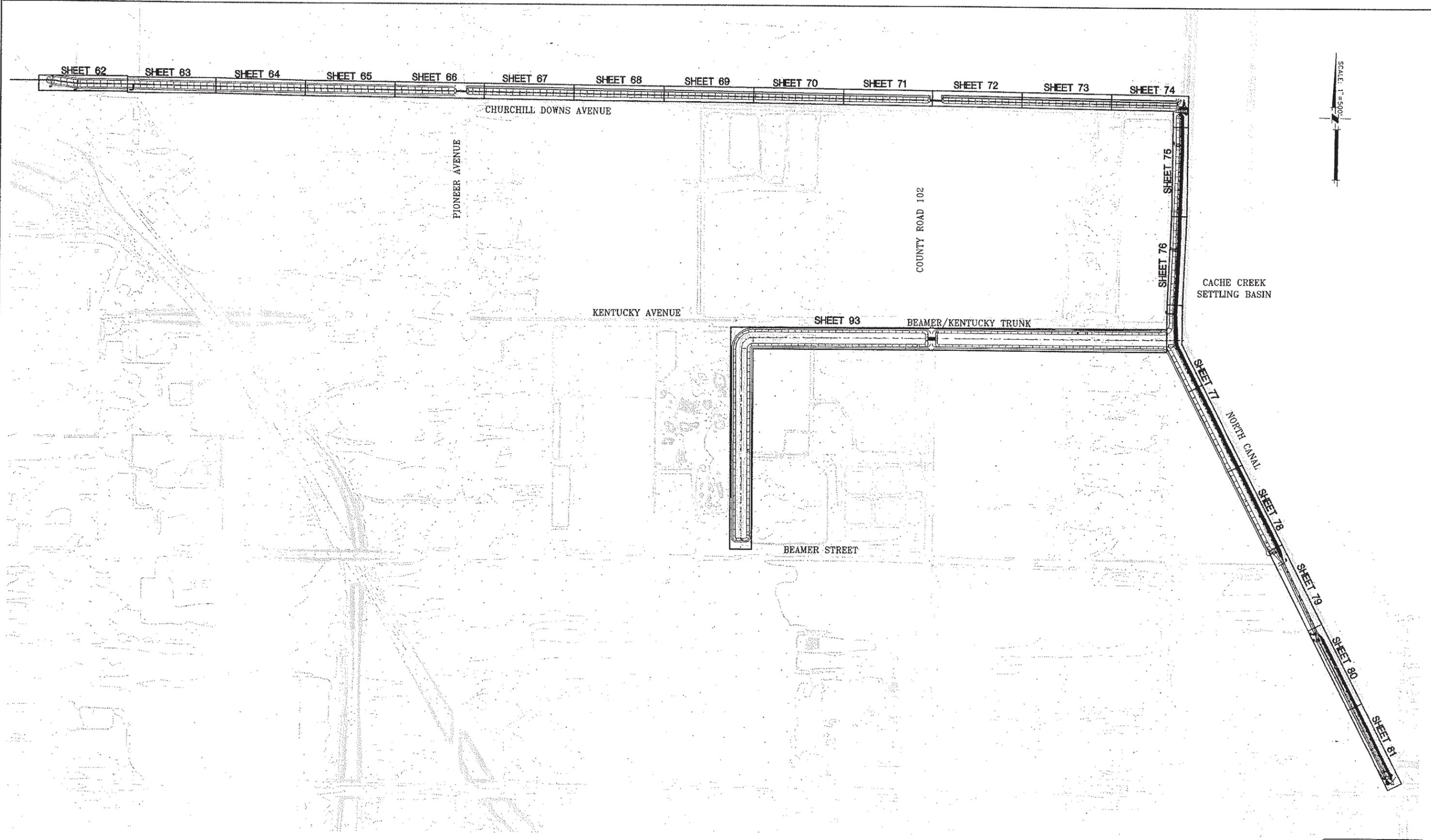
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 VOLKL OUTLET PIPE STRUCTURAL DETAILS
 MANHOLE BOXES
 PLANS AND SECTIONS

HALF-SIZE PRINT

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 60 OF 136
DATE: February 2006	PROJECT NO. 8164.004

J:\as8164-CityOfWoodland\8164.004-SDRMP\Vent Outlet Pipe\Civil\Draw\8164-SSD2-100P.dwg 2/06/06 4:46pm hard



SCALE: 1"=500'
 NORTH

DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

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PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____
 P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

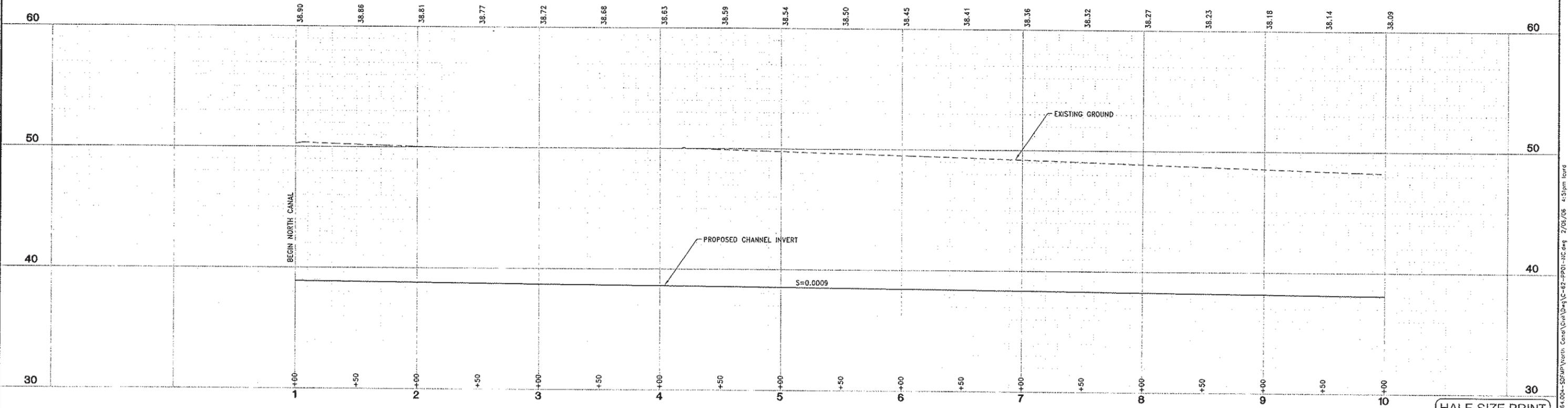
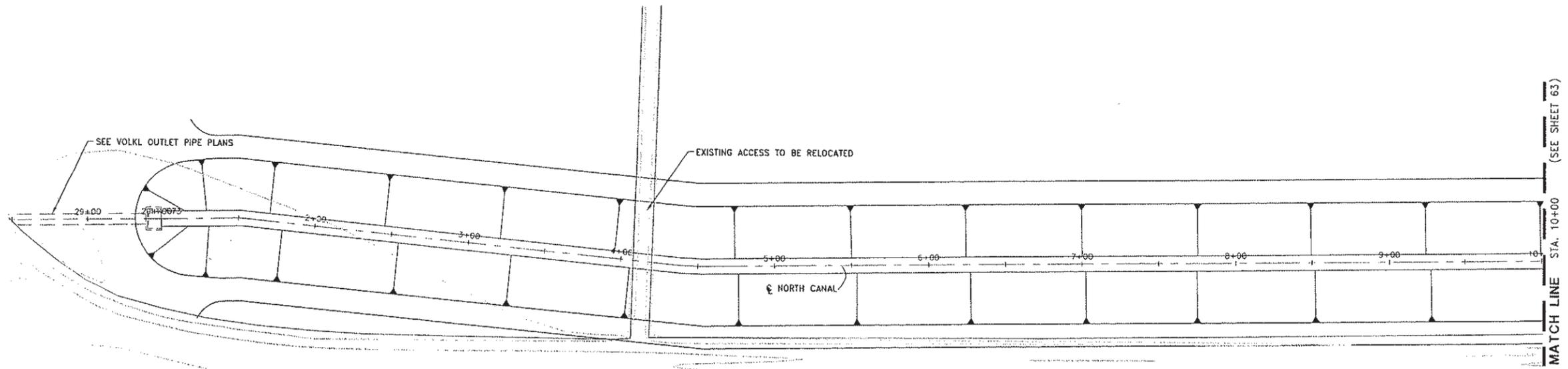
CITY OF WOODLAND
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL AND BEAMER/KENTUCKY TRUNK
 PLAN AND PROFILE
 INDEX SHEET

SCALE: 1"=500'
 HORIZ. 1"=500'
 VERT. 1"=500'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT
 SHEET NO. **61**
 OF **136**

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DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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REVIEWED BY M. NOWLAN					
FILE:					

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PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

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**CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 1+00 TO 10+00**

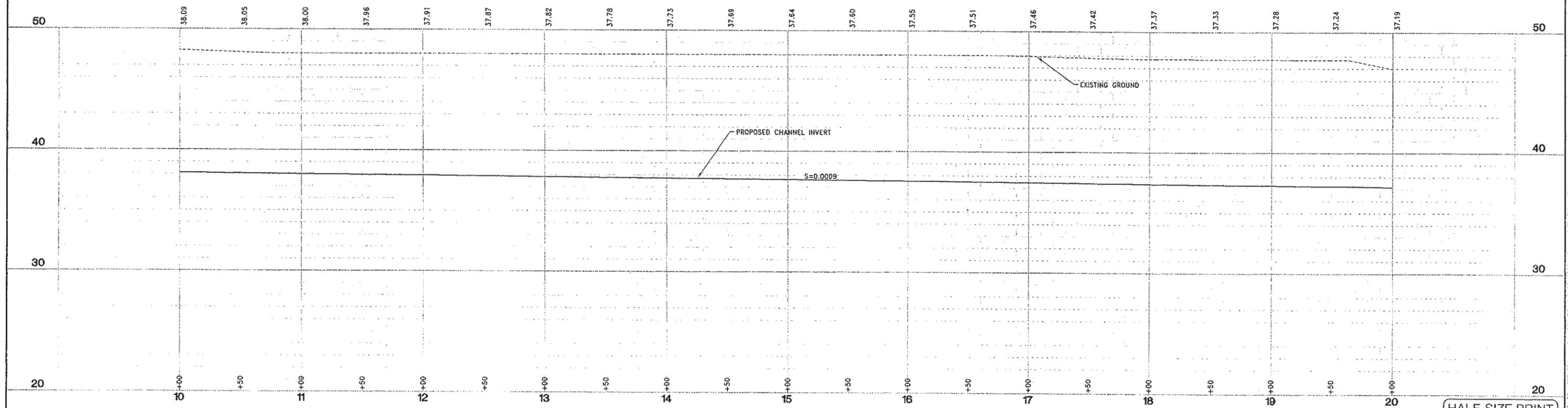
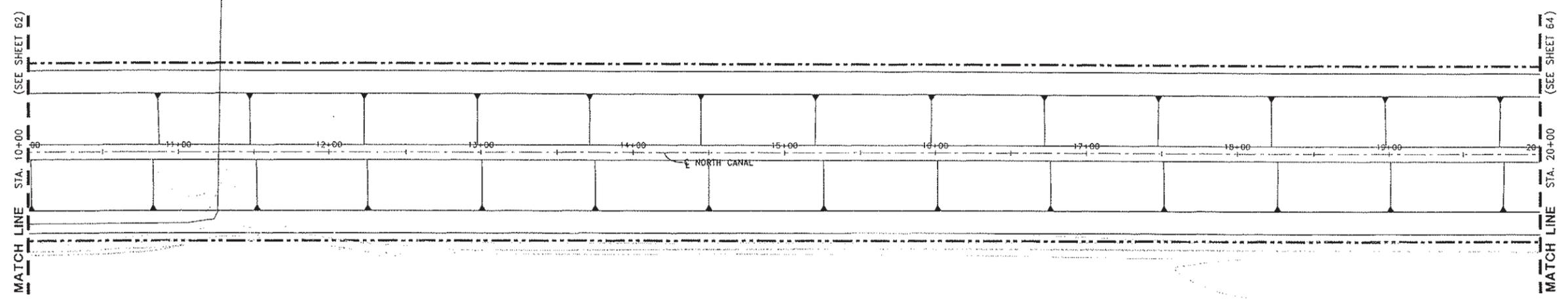
SCALE: HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. **62**
 OF **136**

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SCALE: 1"=40'



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REVIEWED BY M. NOWLAN				
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PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY DATE: _____

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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 10+00 TO 20+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

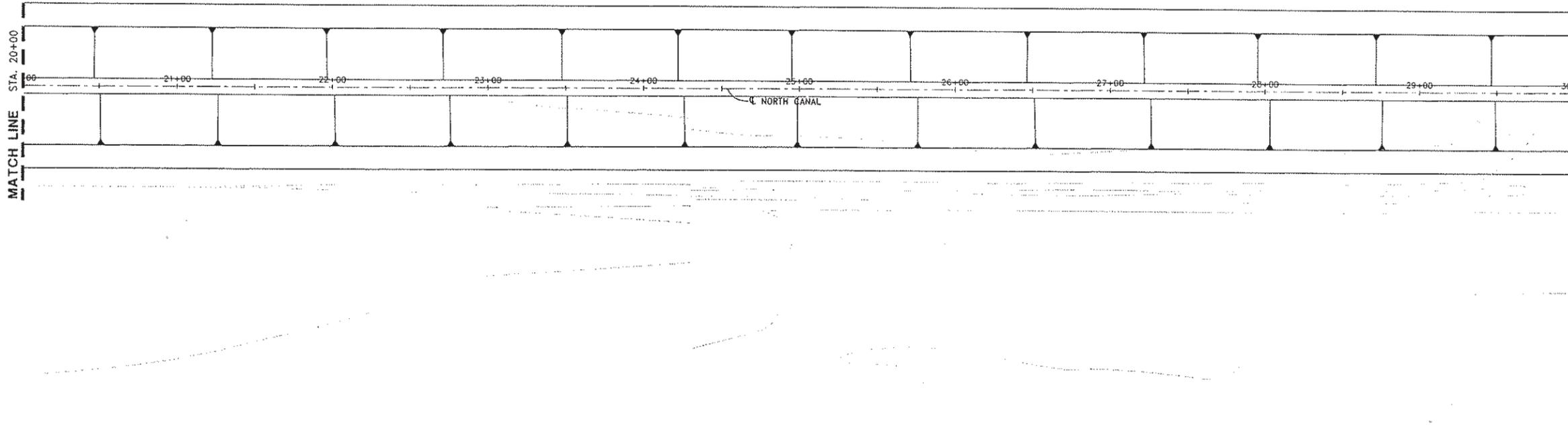
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SHEET NO. 63 OF 136

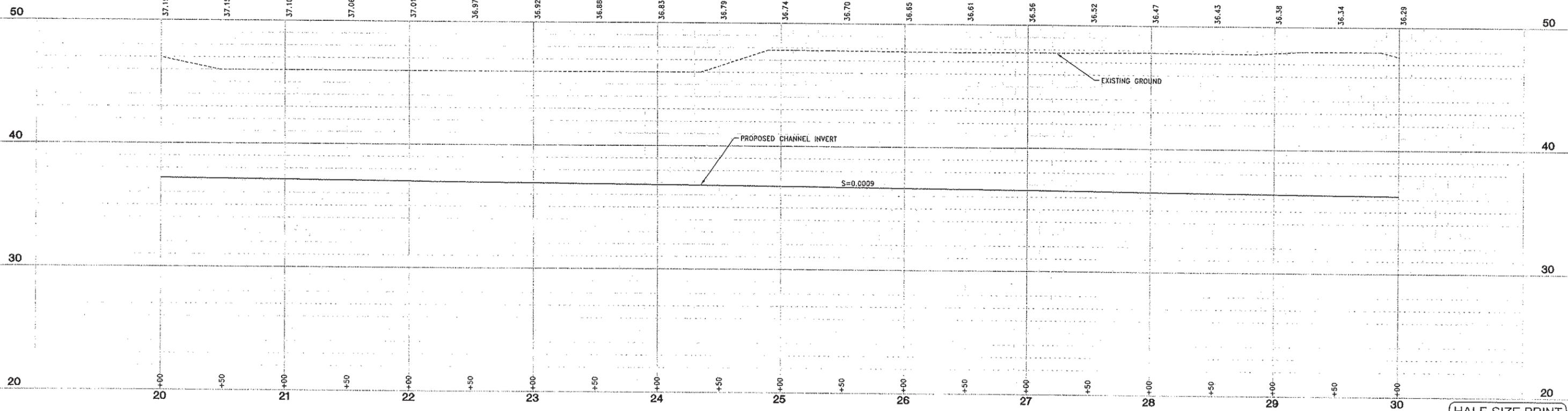
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MATCH LINE (SEE SHEET 63)

MATCH LINE (SEE SHEET 65)



SCALE: 1" = 40'



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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REVIEWED BY M. NOWLAN					
FILE:					

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 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY:
 DICK DONNELLY _____ DATE _____

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 20+00 TO 30+00

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 64 OF 136
DATE: February 2006	PROJECT NO. 8164.004

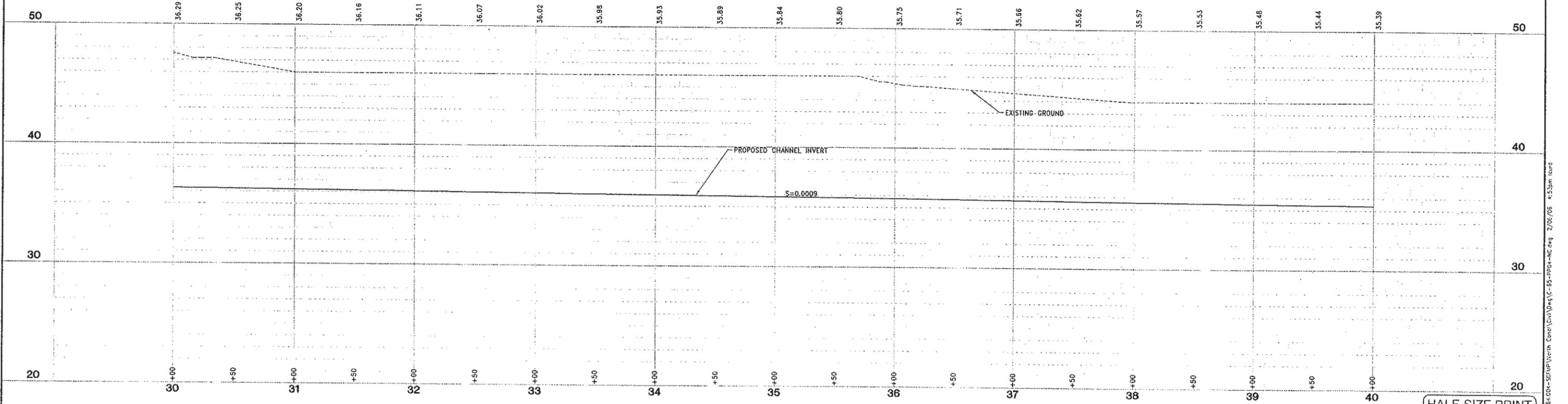
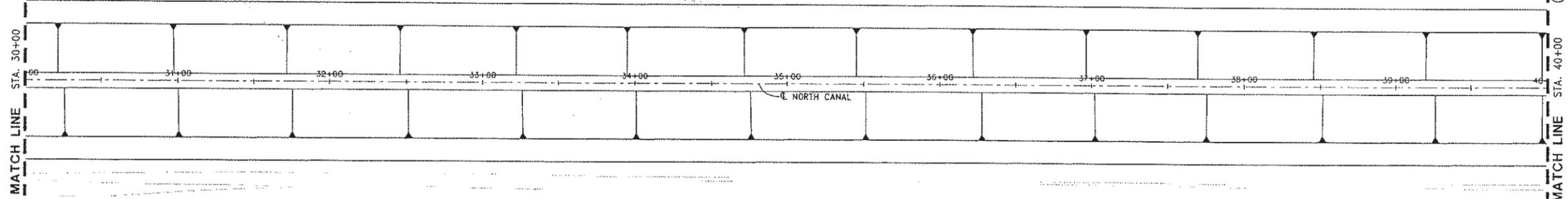
HALF-SIZE PRINT

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SCALE: 1"=40'

MATCH LINE (SEE SHEET 64)

MATCH LINE (SEE SHEET 66)



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
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REVIEWED BY M. NOWLAN					
FILE:					

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PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
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 DICK DONNELLY DATE _____

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 30+00 TO 40+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

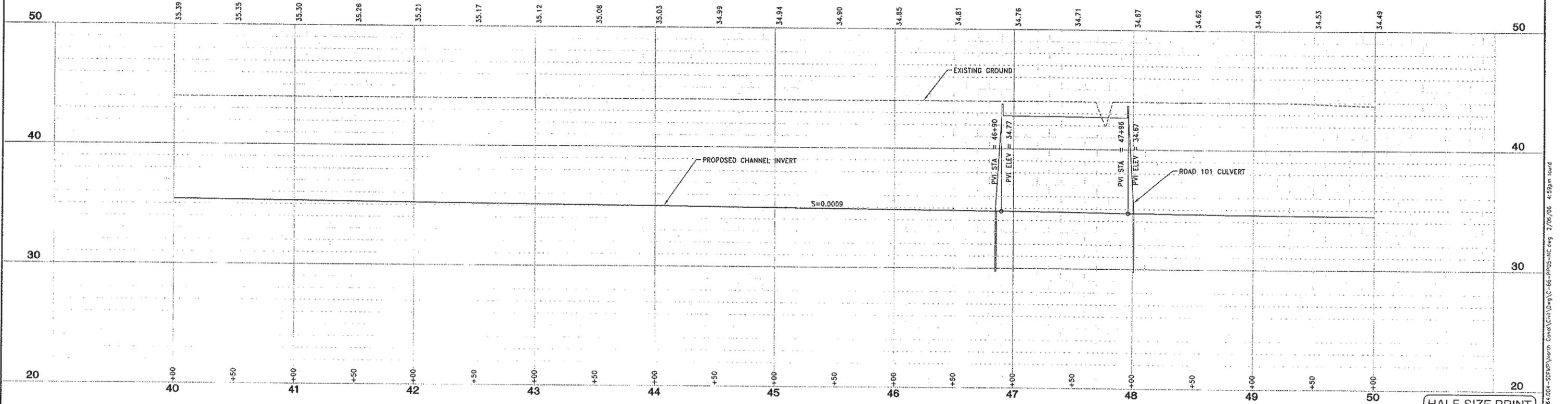
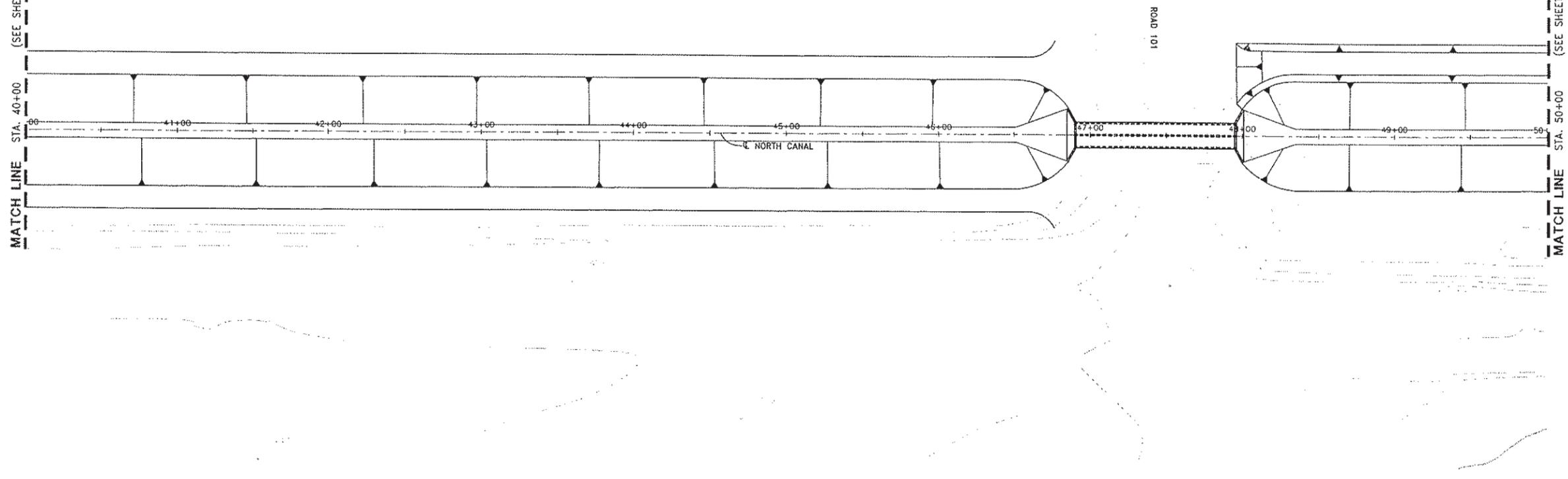
HALF-SIZE PRINT

SHEET NO. 65 OF 136

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MATCH LINE STA. 40+00 (SEE SHEET 65)

MATCH LINE STA. 50+00 (SEE SHEET 67)



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME DATE
 APPROVED BY: DATE
 DICK DONNELLY DATE

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 40+00 TO 50+00

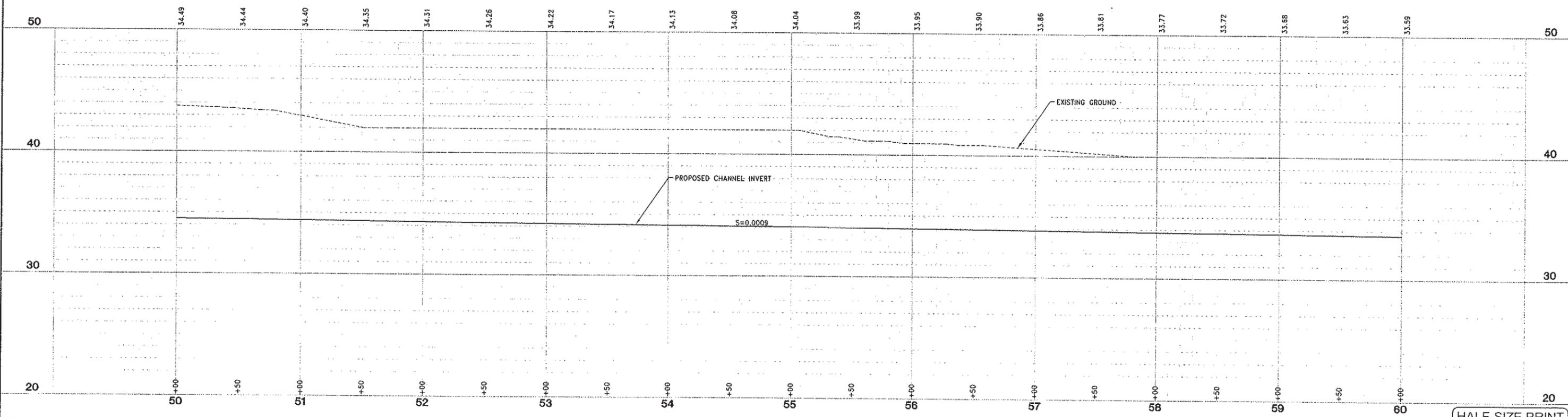
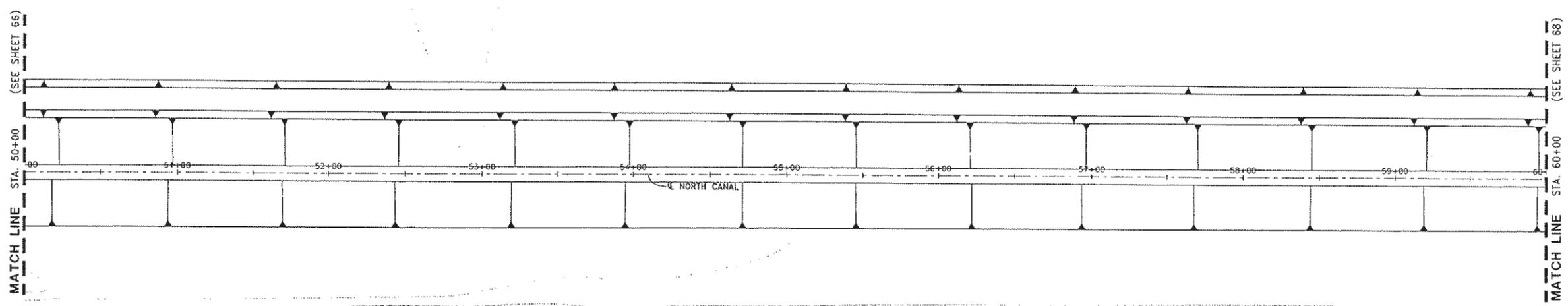
SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 66 OF 136

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SCALE: 1" = 40'



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY DATE: _____

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 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 50+00 TO 60+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. B164.004

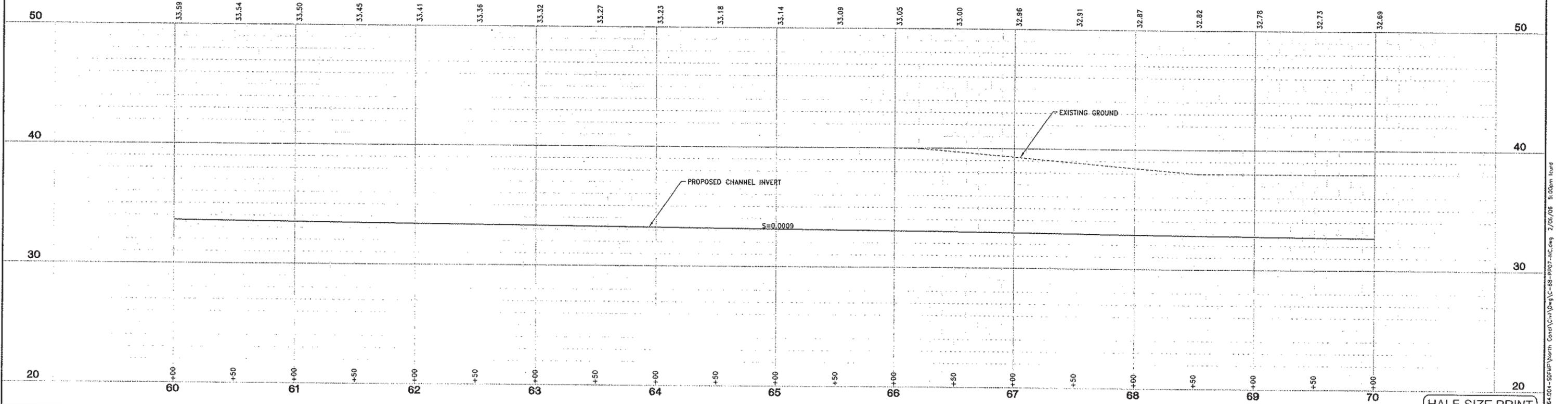
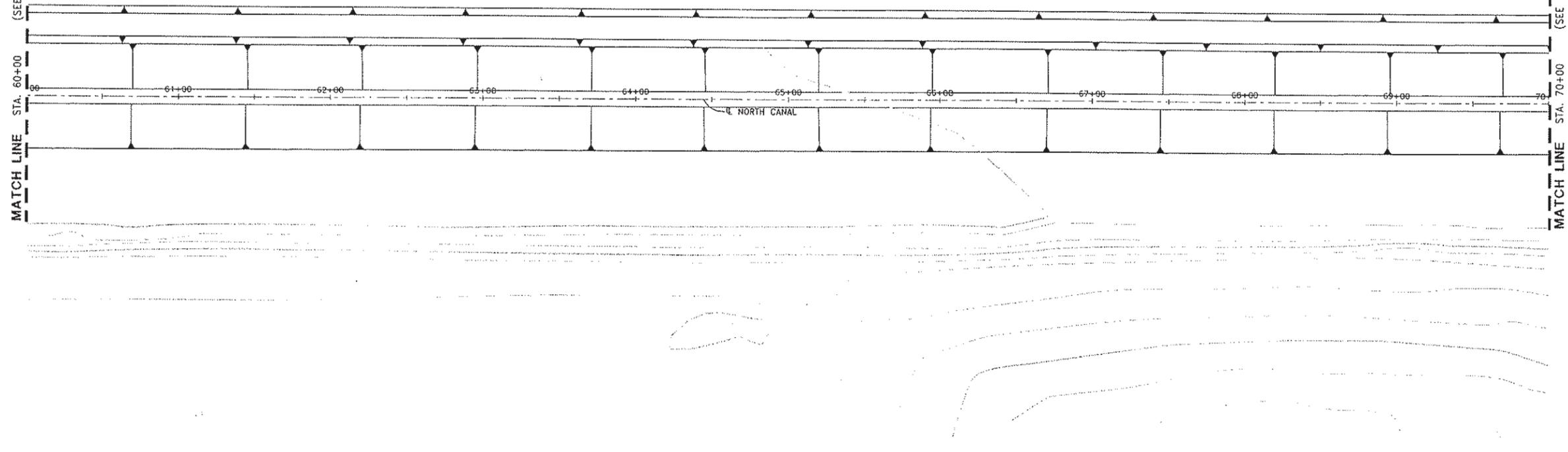
HALF-SIZE PRINT

SHEET NO. **67** OF **136**

J:\proj\B164-CityOfWoodland\B164.004-SDP\North Canal\Drawings\CA-67-PR06-NC.dwg 2/06/06 4:58pm Isard

MATCH LINE STA. 60+00 (SEE SHEET 67)

MATCH LINE STA. 70+00 (SEE SHEET 69)



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
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 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

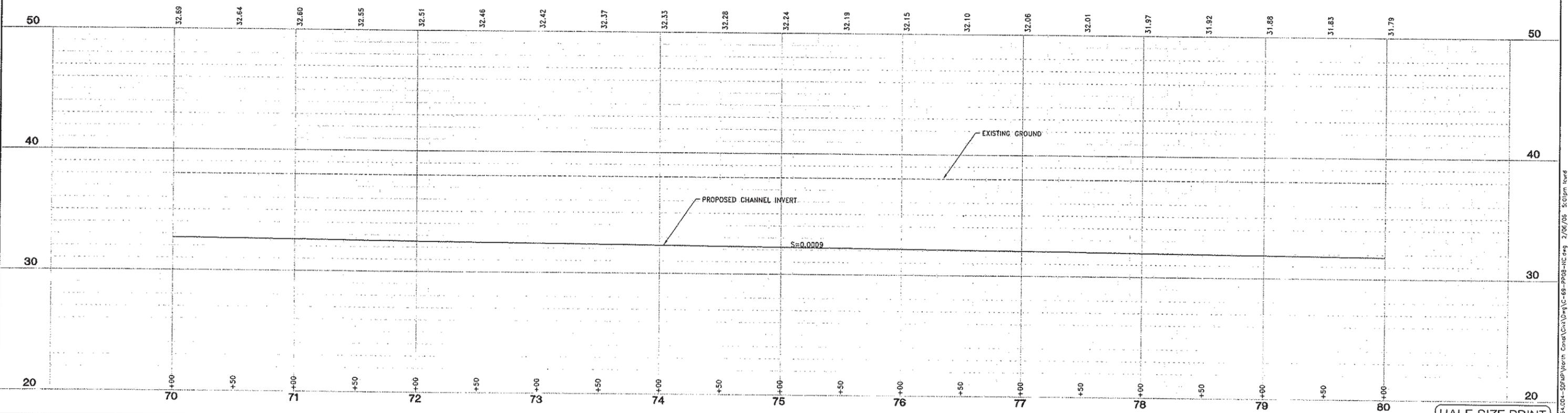
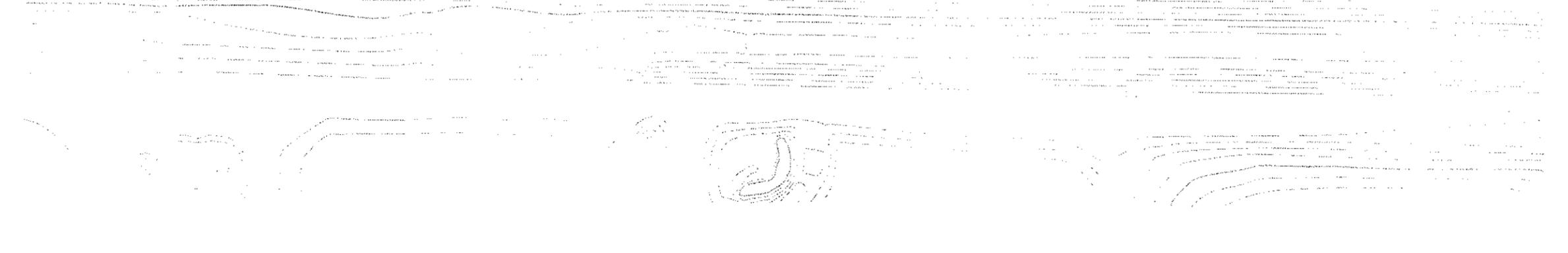
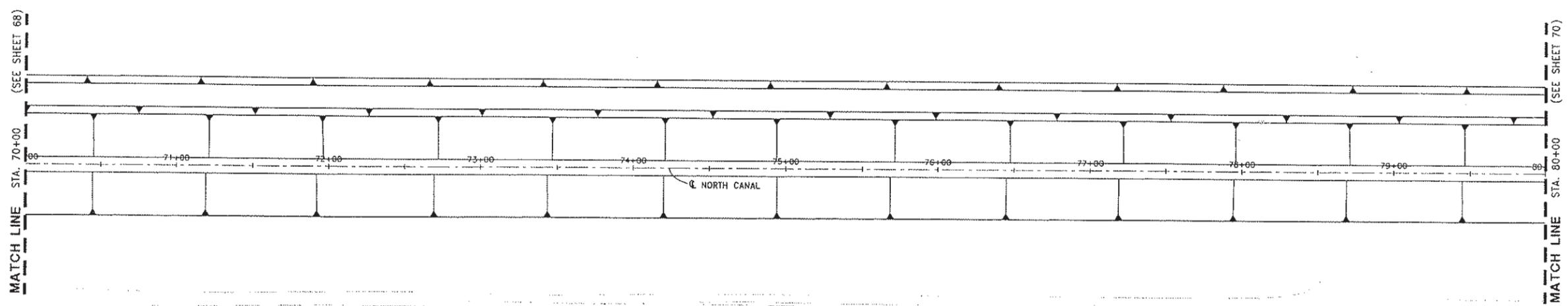
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 60+00 TO 70+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT
 SHEET NO. 68 OF 136

J:\Users\B164-C\Documents\8164.004-SS&MP\North Canal\City\Draw\AC-68-PR07-NC.dwg 7/05/06 5:08pm lcurd

SCALE: 1"=40'



DESIGNED BY	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
J. PRITCHARD					
DRAWN BY					
L. CURD					
REVIEWED BY					
M. NOWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 70+00 TO 80+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

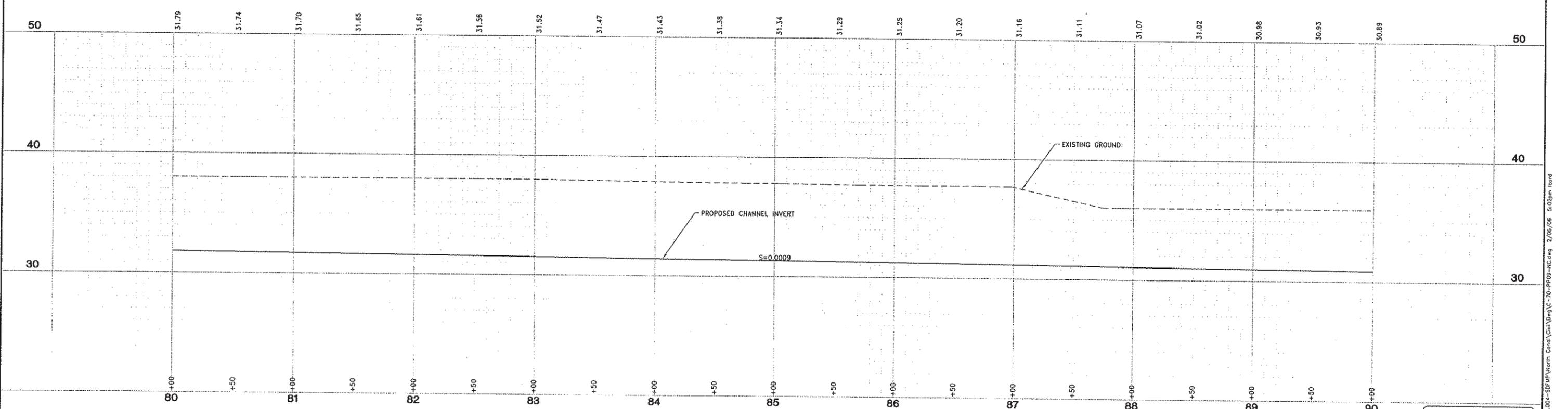
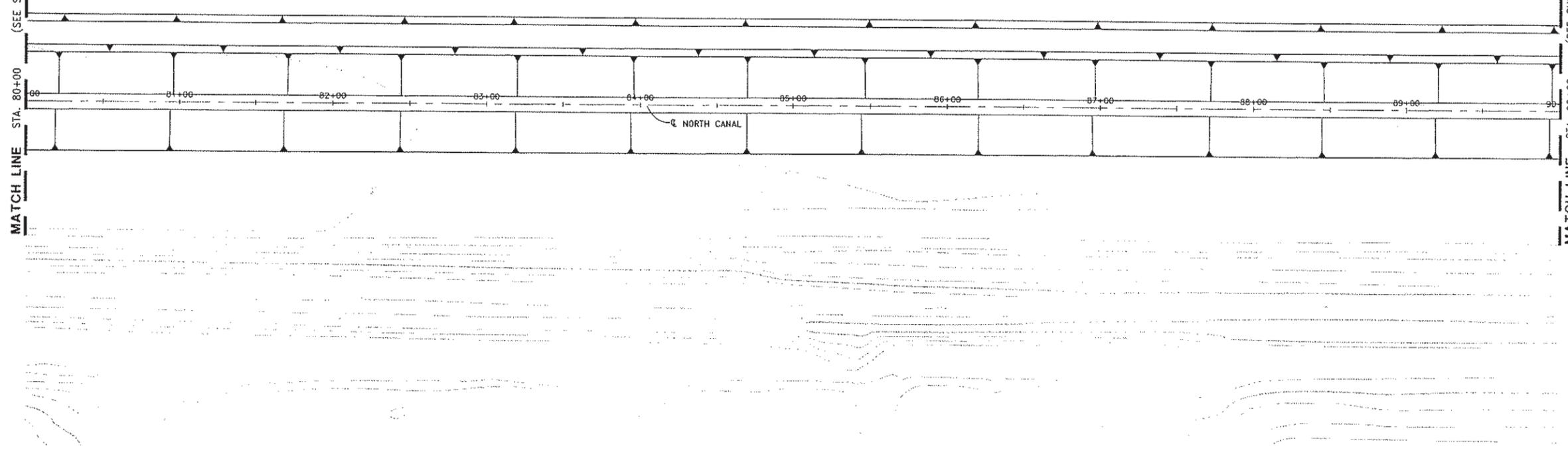
SHEET NO. **69**
 OF **136**

J:\Jobs\8164-CityOfWoodland\8164-004-SDMP\Metric_Canal\CA\Drawn\AC-68-PP08-AC.dwg 2/06/06 5:01pm kour

MATCH LINE STA 80+00 (SEE SHEET 69)

MATCH LINE STA 90+00 (SEE SHEET 71)

SCALE: 1"=40'



DESIGNED BY
J. PRITCHARD

DRAWN BY
L. CURD

REVIEWED BY
M. NOWLAN

FILE:

REVISIONS					
NO.	DESCRIPTION	BY	DATE	APPR.	DATE

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
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Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
BY: _____
DATE: _____ P.E.
REGISTRATION EXP.: _____

CITY OF WOODLAND
RECOMMENDED BY:
NAME _____ DATE _____
APPROVED BY: _____
DICK DONNELLY DATE _____

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PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
NORTH CANAL PLAN AND PROFILE
STA 80+00 TO 90+00

SCALE: 1"=40'
HORIZ. 1"=40'
VERT. 1"=4'
DATE: February 2006
PROJECT NO. 8164.004

SHEET NO. 70 OF 136

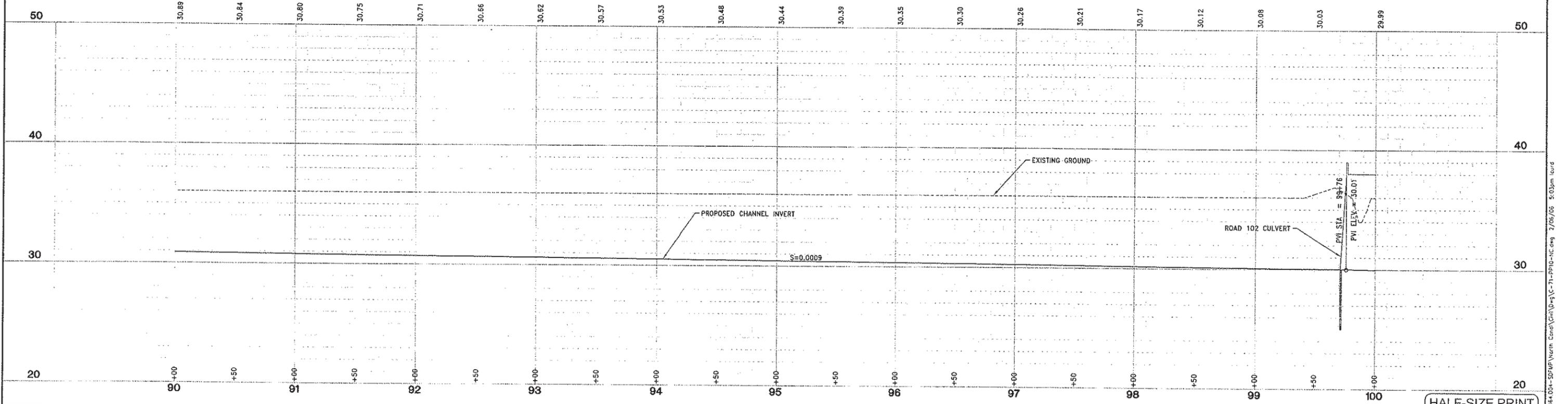
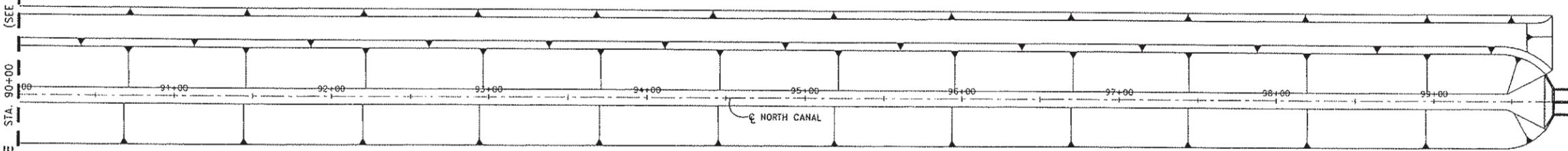
HALF-SIZE PRINT

J:\Users\B164-C1\Documents\8164_004-SDMP\North Canal\Draw\C-70-PR09-NC.dwg 2/06/06 5:02pm feurd

MATCH LINE STA. 90+00 (SEE SHEET 70)

MATCH LINE STA. 100+00 (SEE SHEET 72)

SCALE: 1" = 40'



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

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PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5861

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 90+00 TO 100+00

SCALE:
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

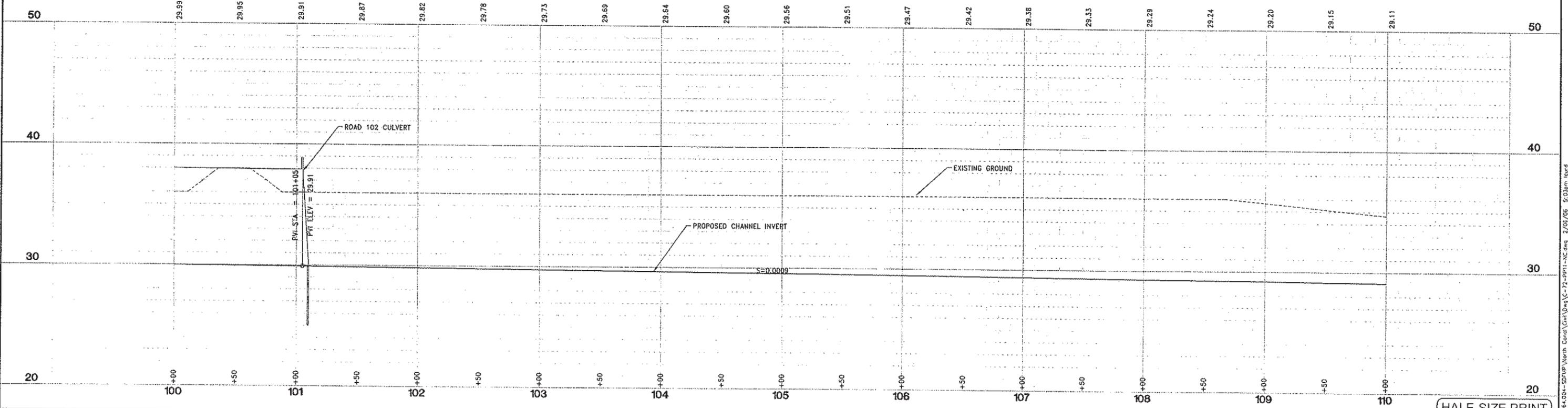
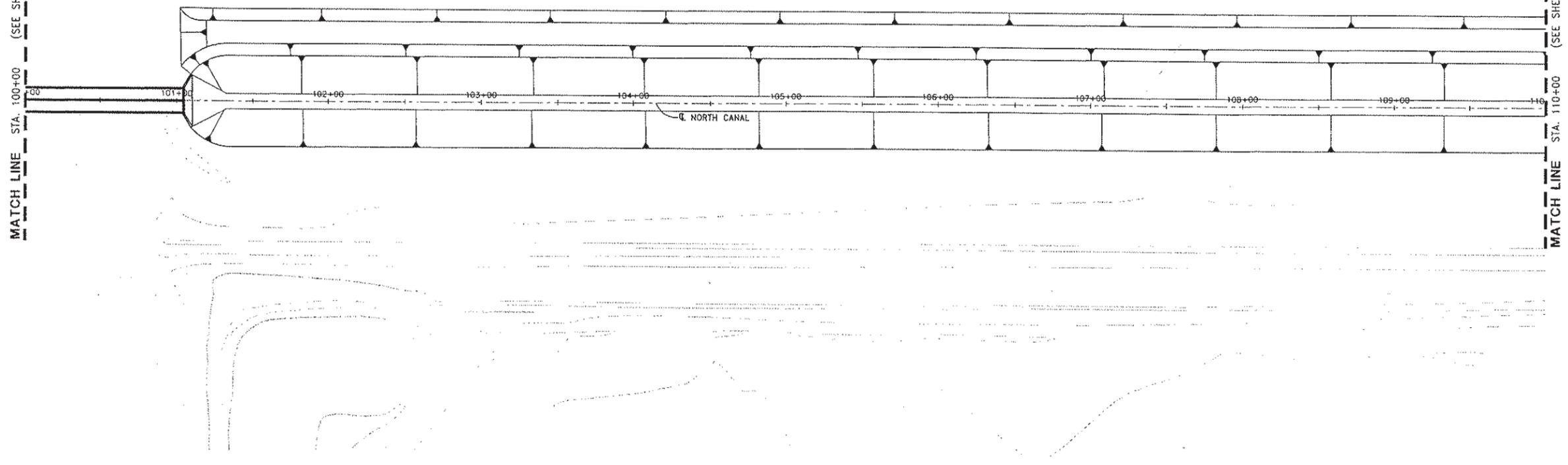
SHEET NO. 71 OF 136

I:\Users\18164-CJ\MyDocuments\8164-004-50-APP\North Canal\Drawings\71-PP10-NC.dwg 2/06/06 5:03pm local

MATCH LINE STA. 100+00 (SEE SHEET 71)

ROAD 102

MATCH LINE STA. 110+00 (SEE SHEET 73)



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

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 3301 C St, Bldg. 100-B Tol 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME DATE
 APPROVED BY: DATE
 BICK DONNELLY DATE

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 100+00 TO 110+00

HALF-SIZE PRINT

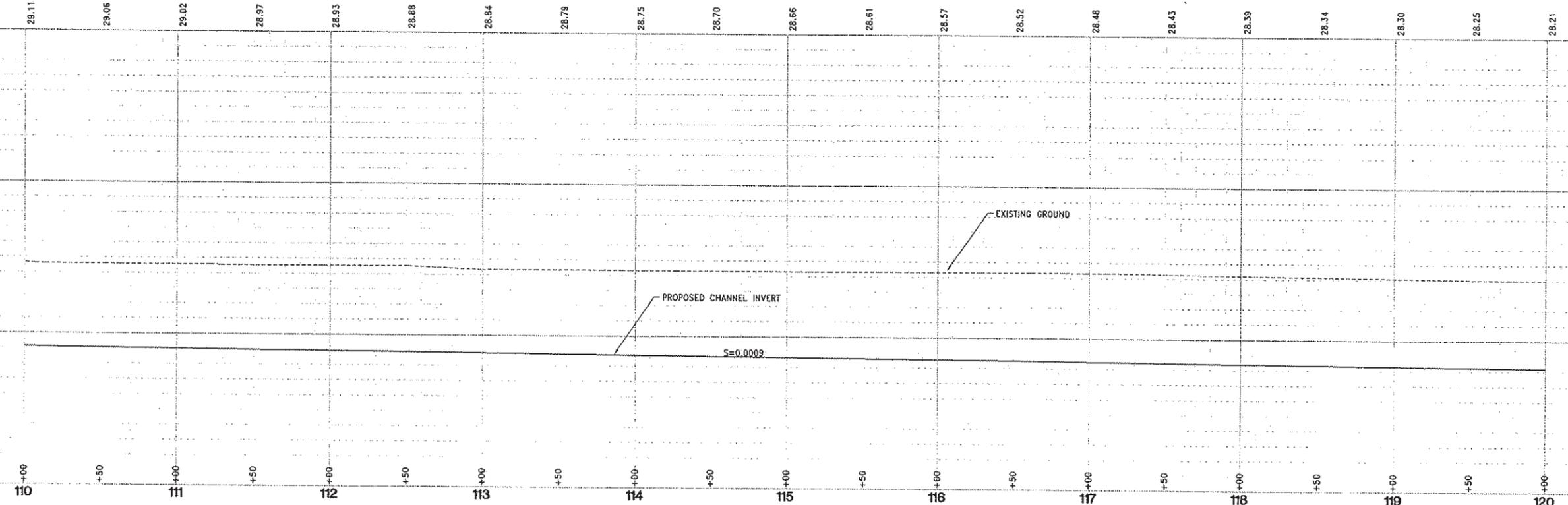
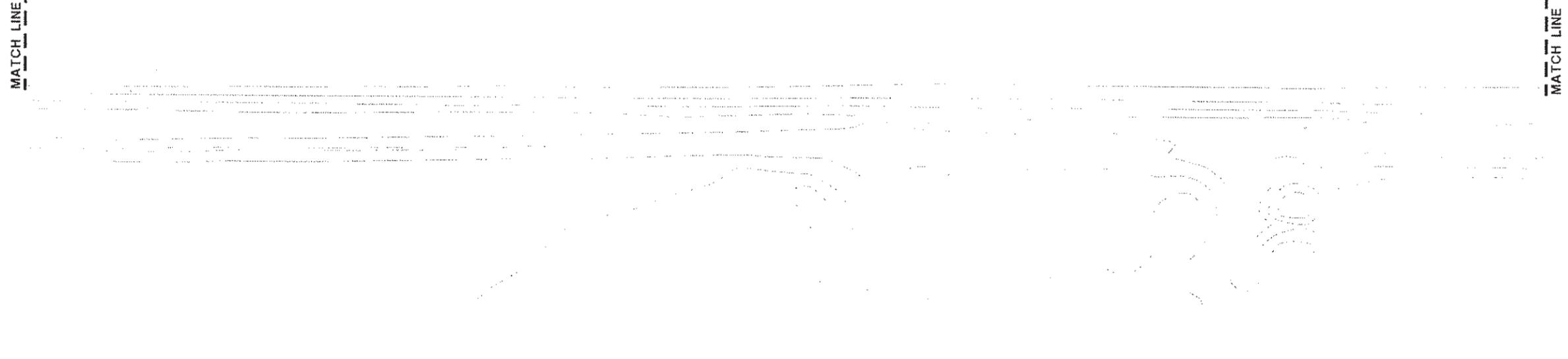
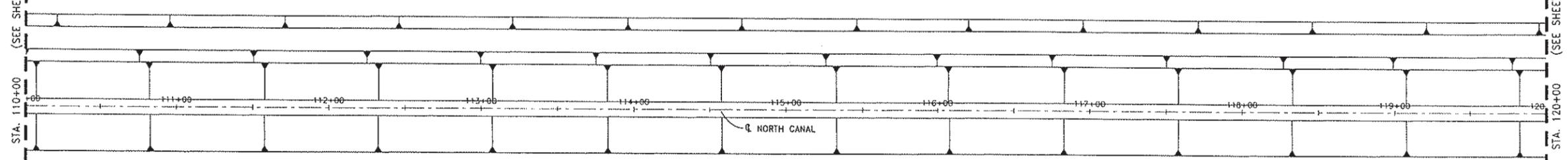
SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 72 OF 136
DATE: February 2006	PROJECT NO. B164.004

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SCALE: 1" = 40'

MATCH LINE STA. 110+00 (SEE SHEET 72)

MATCH LINE STA. 120+00 (SEE SHEET 74)



DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME DATE
 APPROVED BY: DATE
 DICK DONNELLY DATE

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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 110+00 TO 120+00

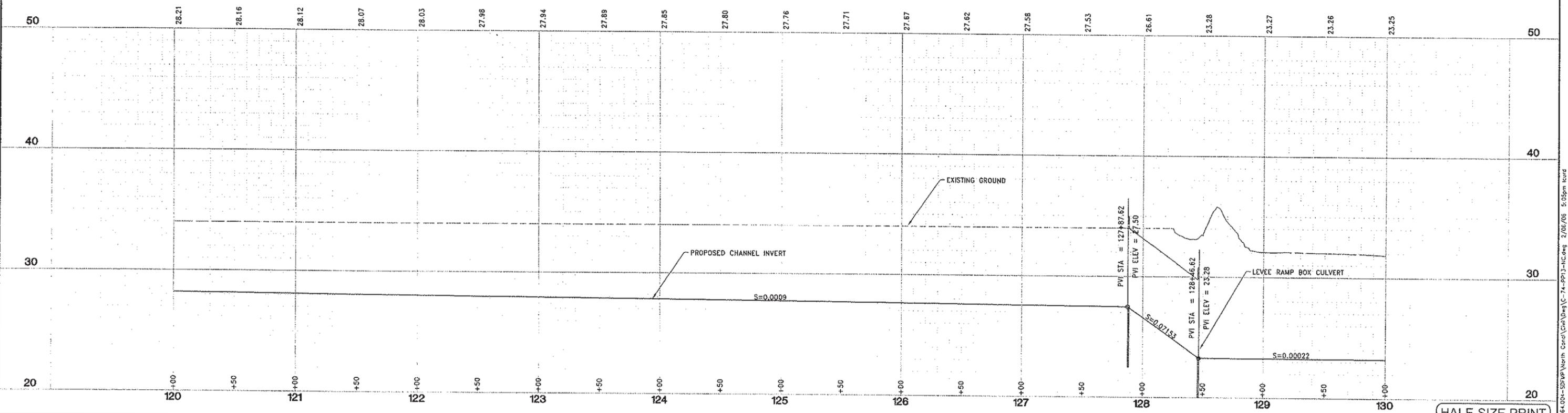
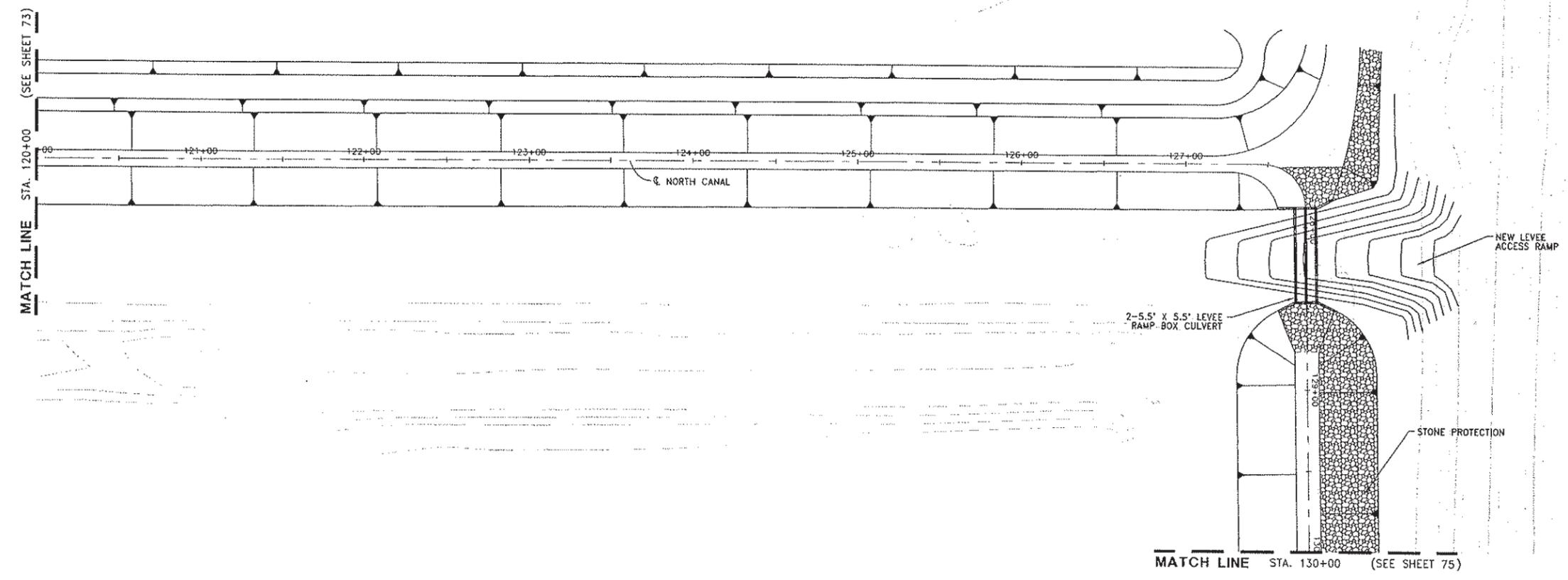
SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 73 OF 136

HALF-SIZE PRINT

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SCALE: 1" = 40'



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95815 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 120+00 TO 130+00

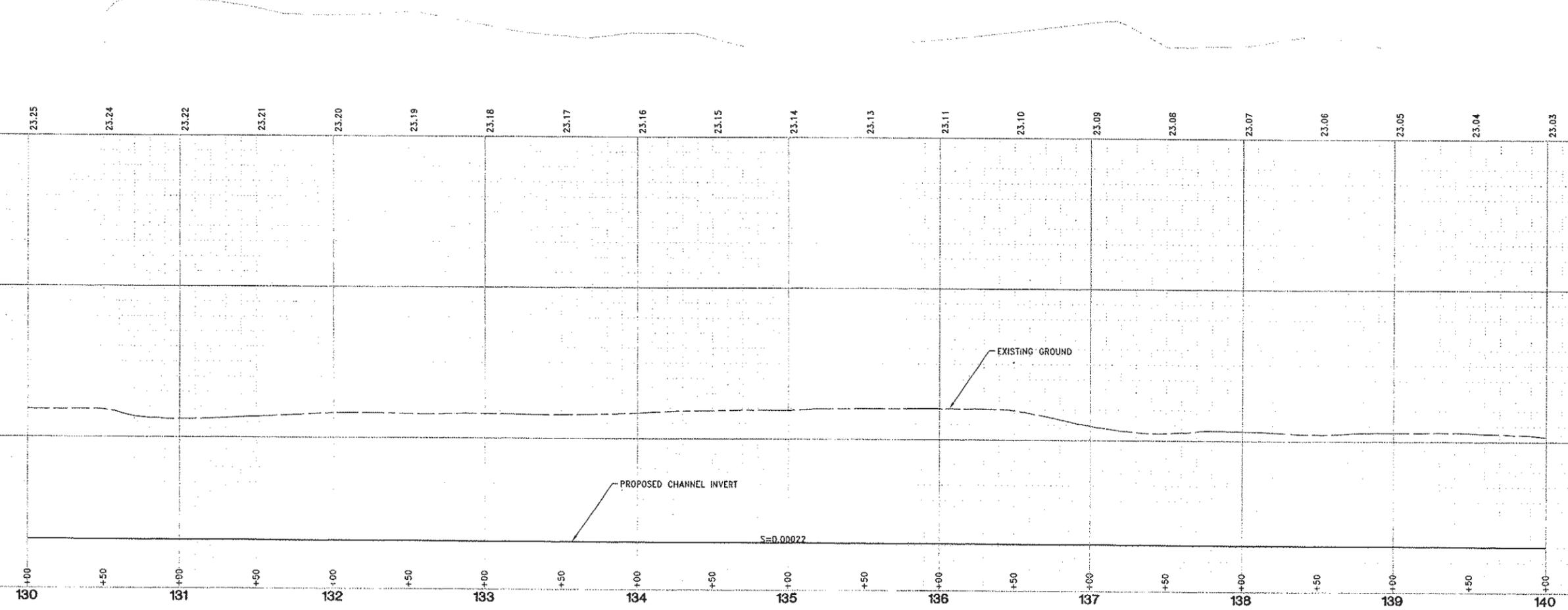
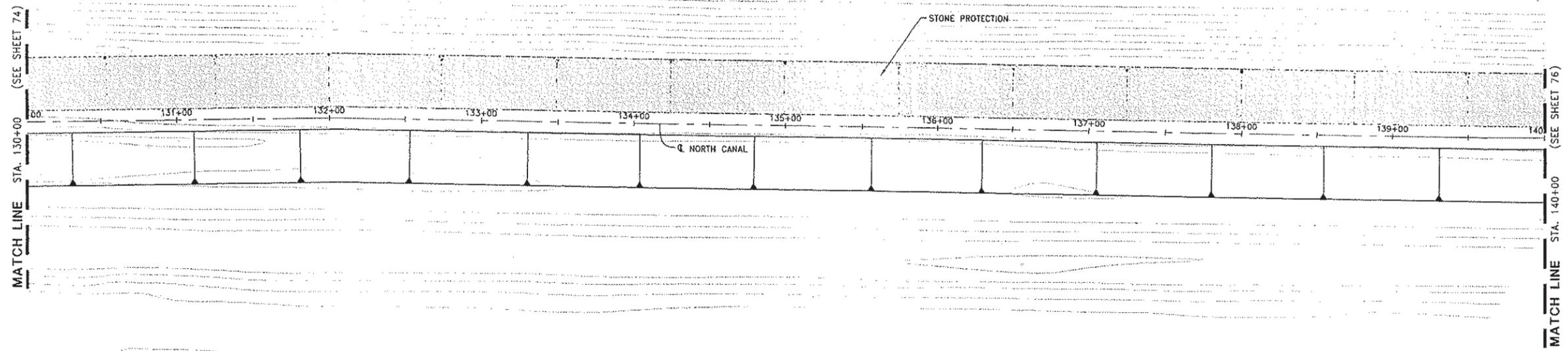
SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. 74 OF 136

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SCALE: 1"=40'



DESIGNED BY J. FRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY:
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

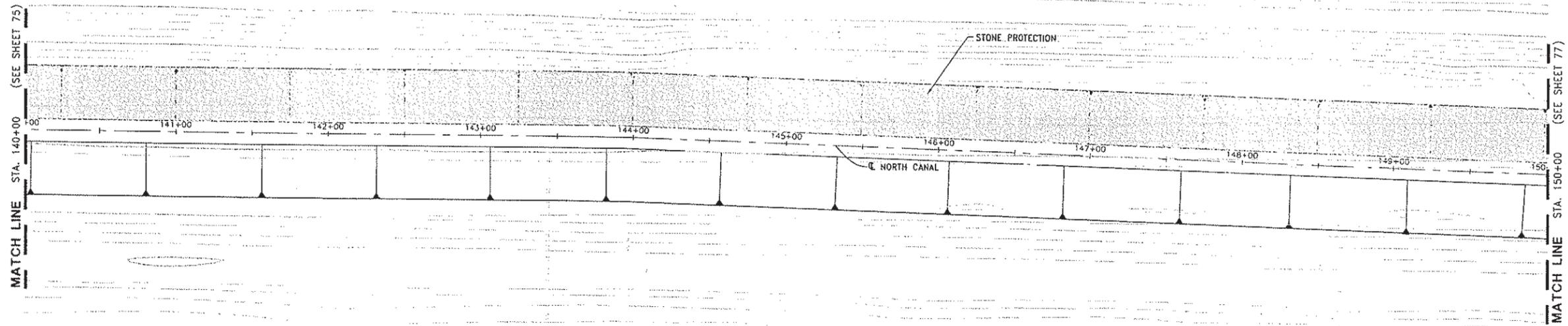
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 130+00 TO 140+00

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 75 OF 136
DATE: February 2006	PROJECT NO. 8164.004

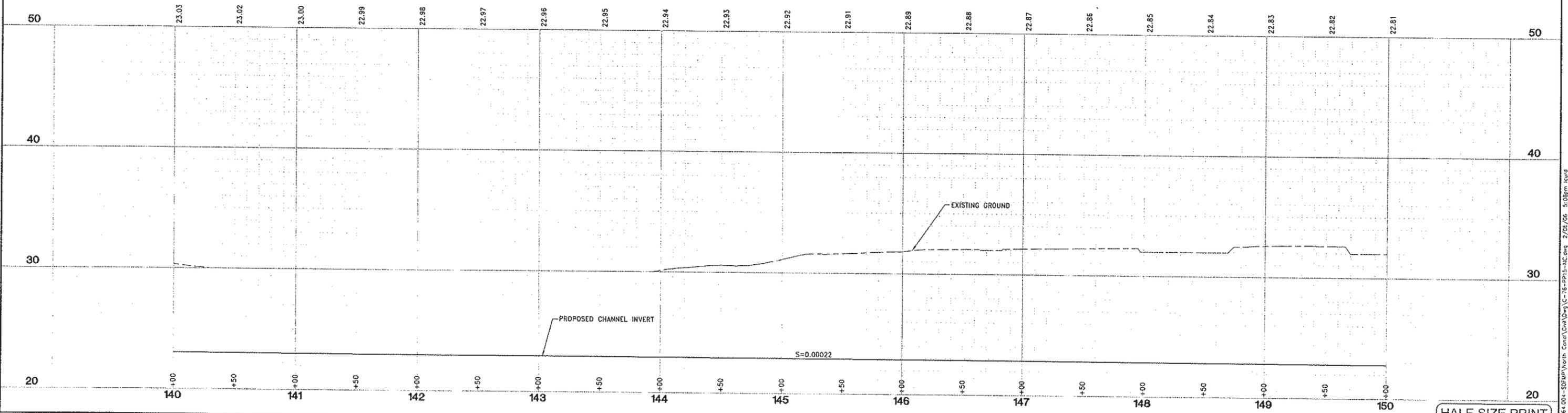
HALF-SIZE PRINT

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SCALE: 1" = 40'



INDUSTRIAL POND NO. 1



DESIGNED BY J. PRITCHARD	REVISIONS				
DRAWN BY L. CURD	NO.	DESCRIPTION	BY	DATE	APPR. DATE
REVIEWED BY M. NOWLAN					
FILE:					

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 3301 C St. Bldg. 100-B Tel 916.341.7750
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 140+00 TO 150+00

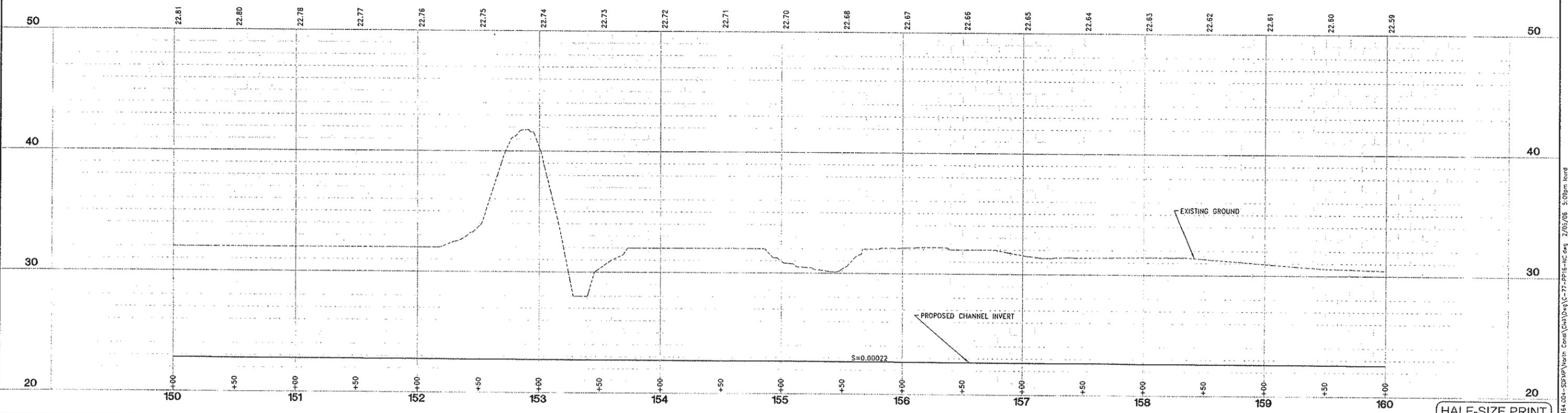
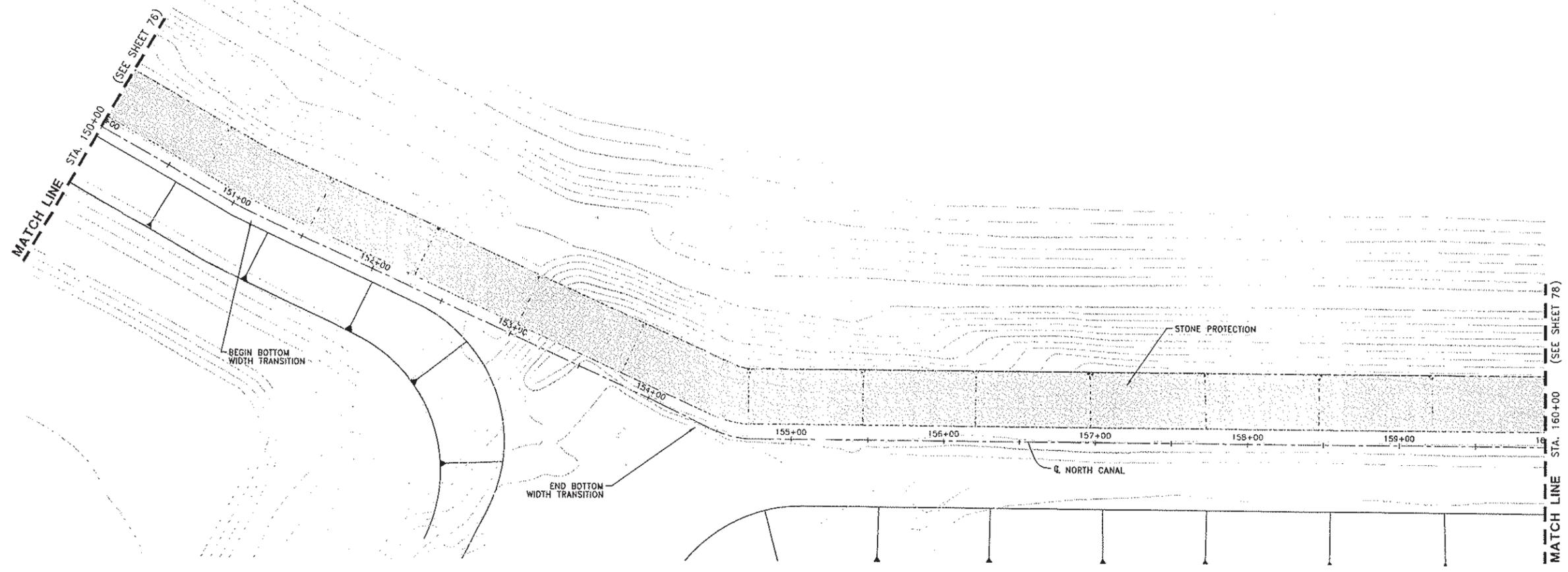
HALF-SIZE PRINT

SCALE:
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. B164.004

SHEET NO. **76** OF **136**

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SCALE: 1"=40'



DESIGNED BY J. PRITCHARD	REVISIONS					
	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY L. CURD						
REVIEWED BY M. NOWLAN						
FILE:						

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B Sacramento, CA 95816
 Tel 916.341.7780 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 CITY OF WOODLAND RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY DATE: _____

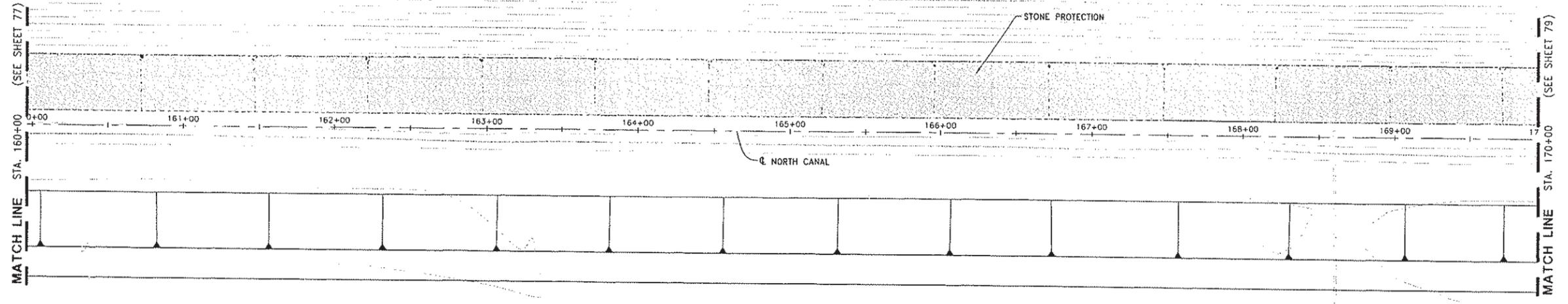
CITY OF WOODLAND
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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 150+00 TO 160+00

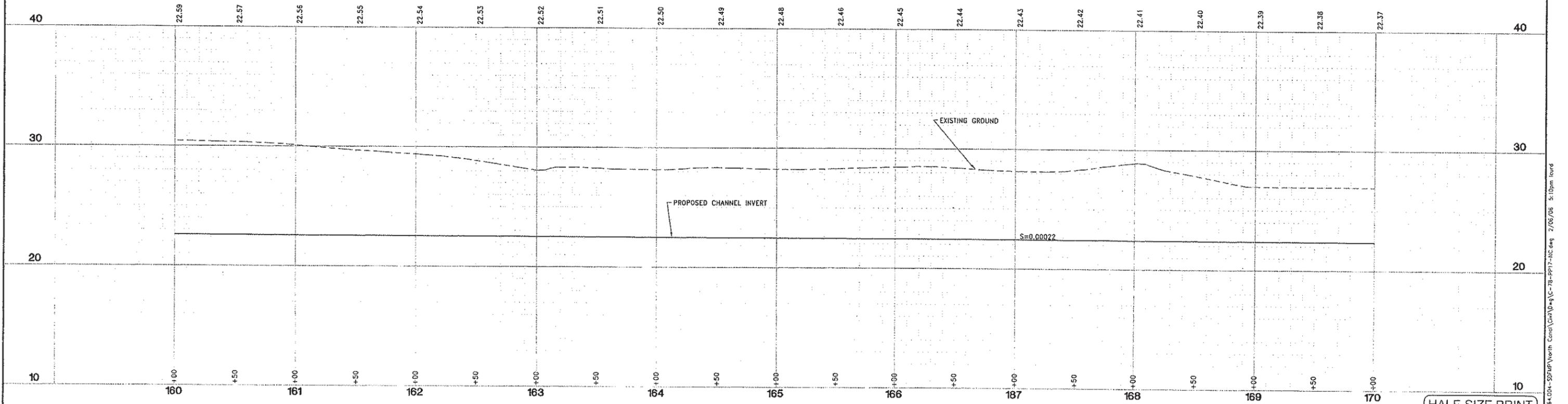
HALF-SIZE PRINT	
SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 77 OF 136
DATE: February 2006	PROJECT NO. B164.004

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SCALE: 1"=40'



INDUSTRIAL POND NO. 2



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NDWLAN					
FILE:					

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Tel 916.341.7760
 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY DATE _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

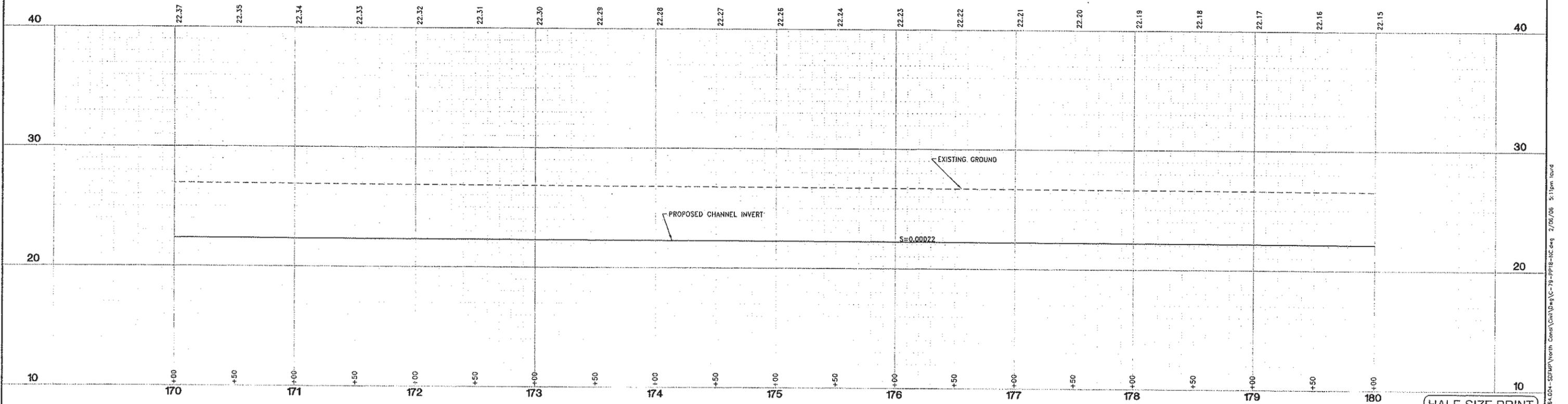
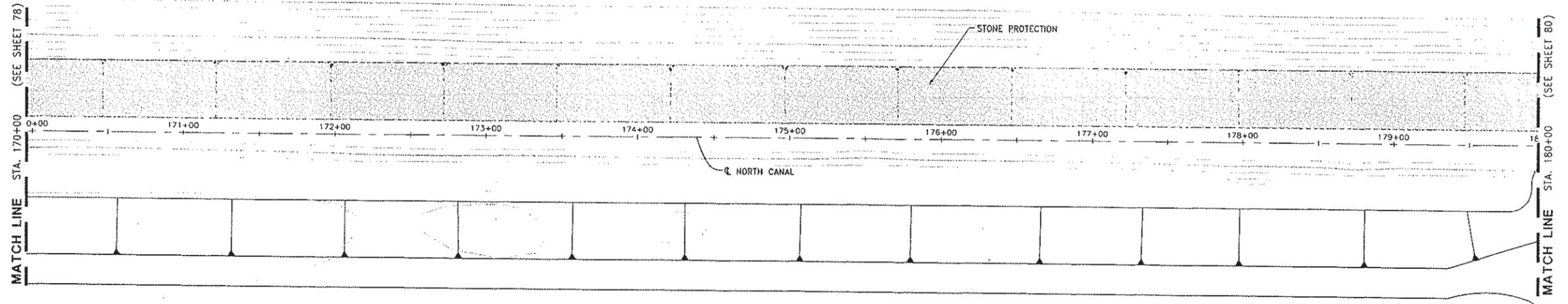
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 160+00 TO 170+00

HALF-SIZE PRINT

SCALE: HORIZ. 1"=40' VERT. 1"=4'	SHEET NO. 78 OF 136
DATE: February 2006	PROJECT NO. 8164.004

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SCALE: 1"=40'



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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PROJECT ENGINEER'S SIGNATURE
 BY: _____ DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY:
 DICK DONNELLY DATE _____

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**CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 170+00 TO 180+00**

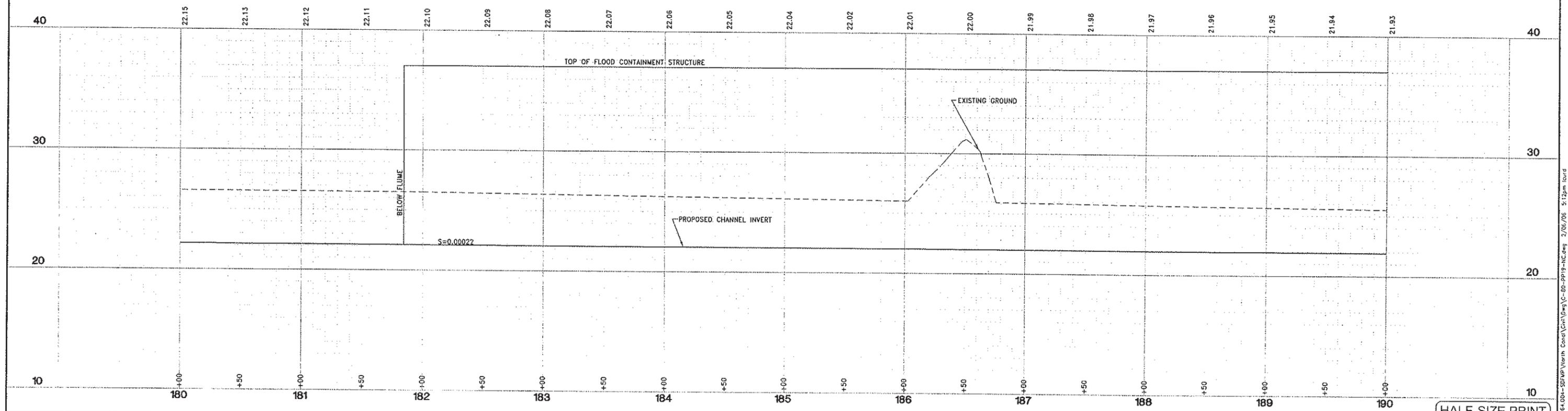
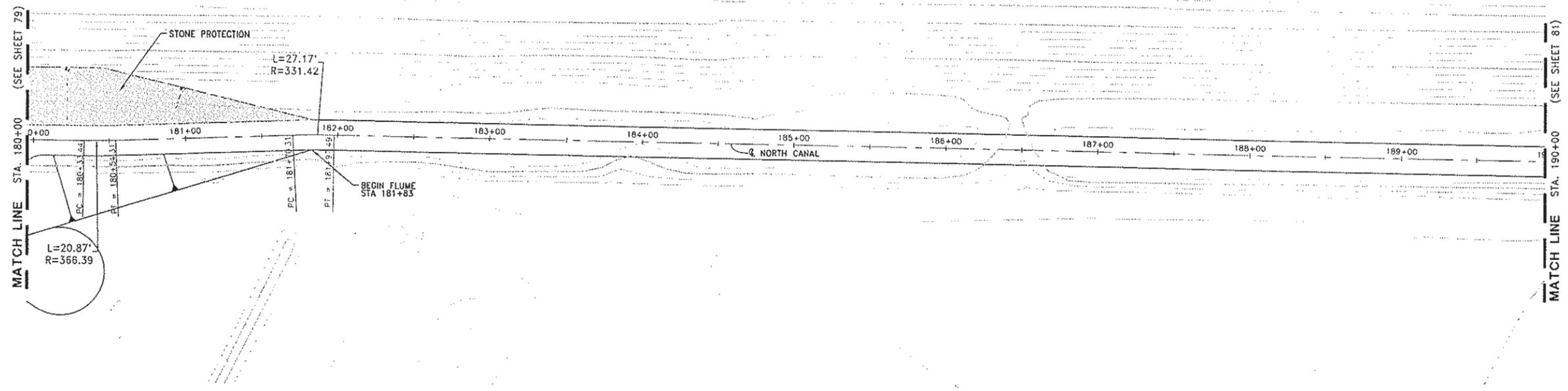
HALF-SIZE PRINT

SCALE:
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE:
 February 2006
 PROJECT NO.
 8164.004

SHEET NO.
79
 OF
136

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SCALE: 1"=40'



DESIGNED BY J. PRITCHARD	REVISIONS				
	NO.	DESCRIPTION	BY	DATE	APPR. DATE
DRAWN BY L. CURD					
REVIEWED BY M. NOWLAN					
FILE:					

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 Sacramento, CA 95816 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME _____ DATE _____
 APPROVED BY: _____
 DICK DONNELLY _____ DATE _____

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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 180+00 TO 190+00

SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

HALF-SIZE PRINT

SHEET NO. **80**
 OF **136**

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95816
 Tel 916.341.7760
 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE _____
 REGISTERED EXP. P.E. _____
 DATE: _____

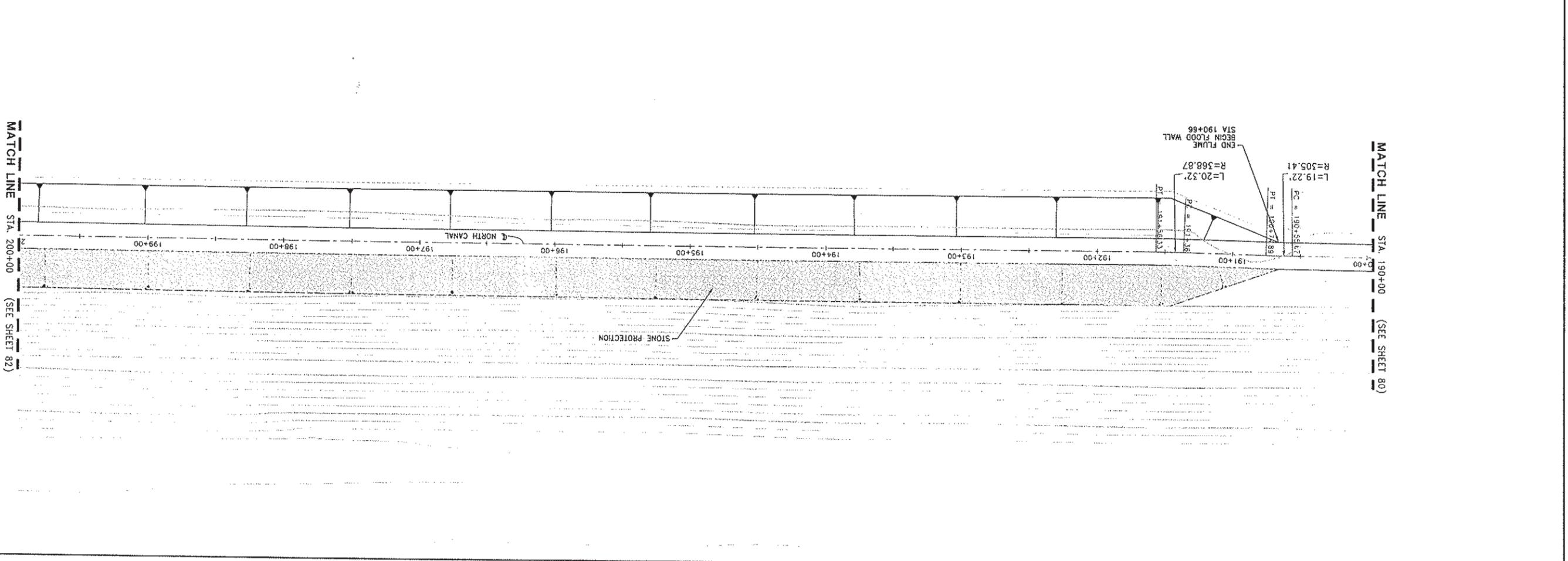
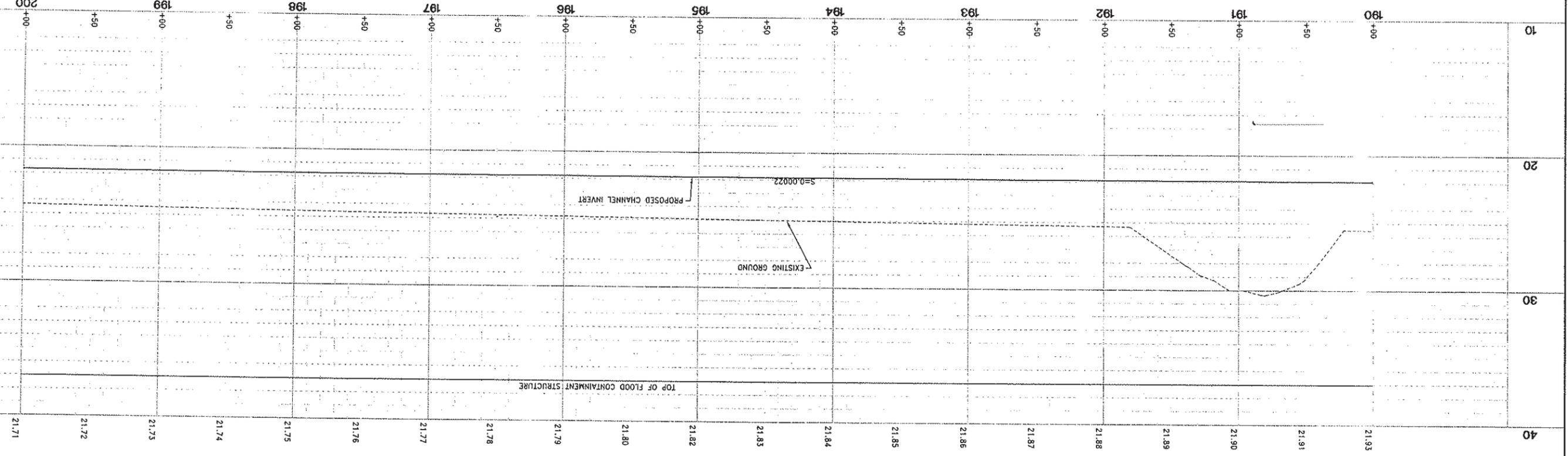
CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 DICK DONNELLY
 DATE: _____

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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 190+00 TO 200+00

SCALE: 1"=40'
 HORIZ. _____
 VERT. 1"=4'
 DATE: February 2006
 PROJECT NO. 8184.004

SHEET NO. 81 OF 136



SCALE: 1"=40'

I:\Users\jpritchard\Documents\8184.004-Storm\North Canal\Drawings\Profile\20-NC en9 7/06/06 5:13pm.txd

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95816
 Tel 916.341.7760
 Fax 916.341.7767

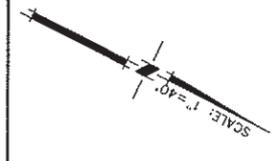
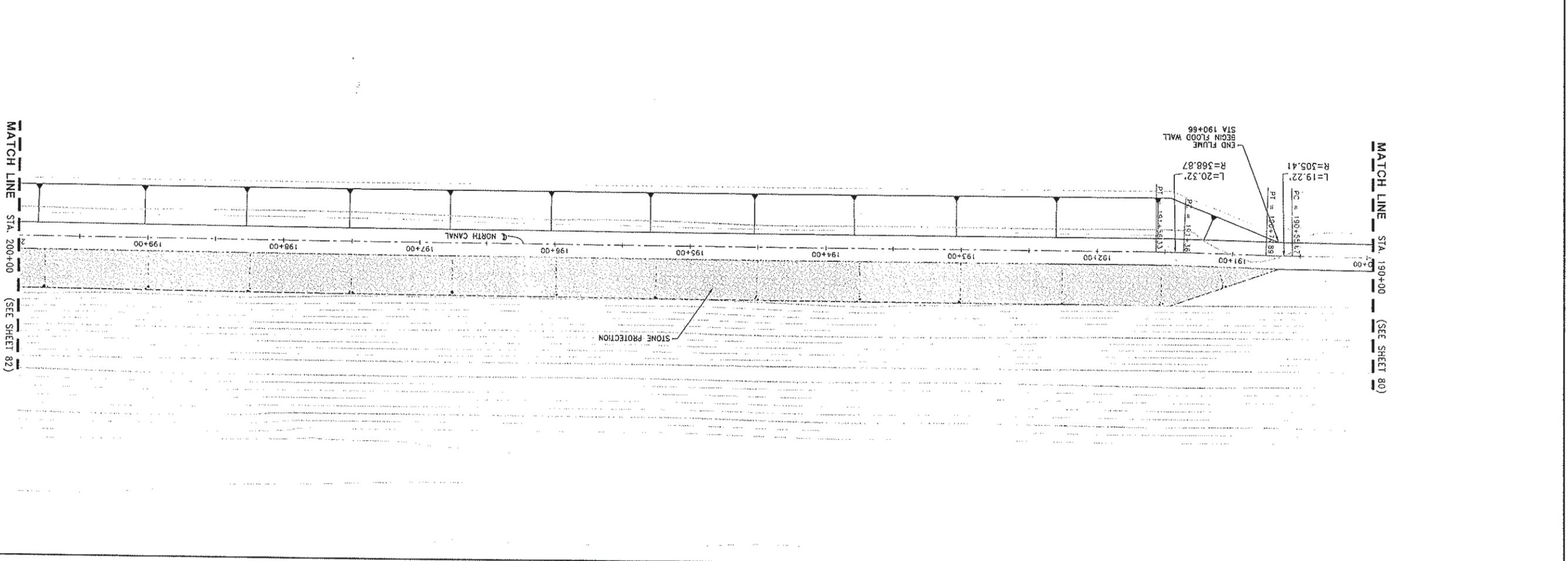
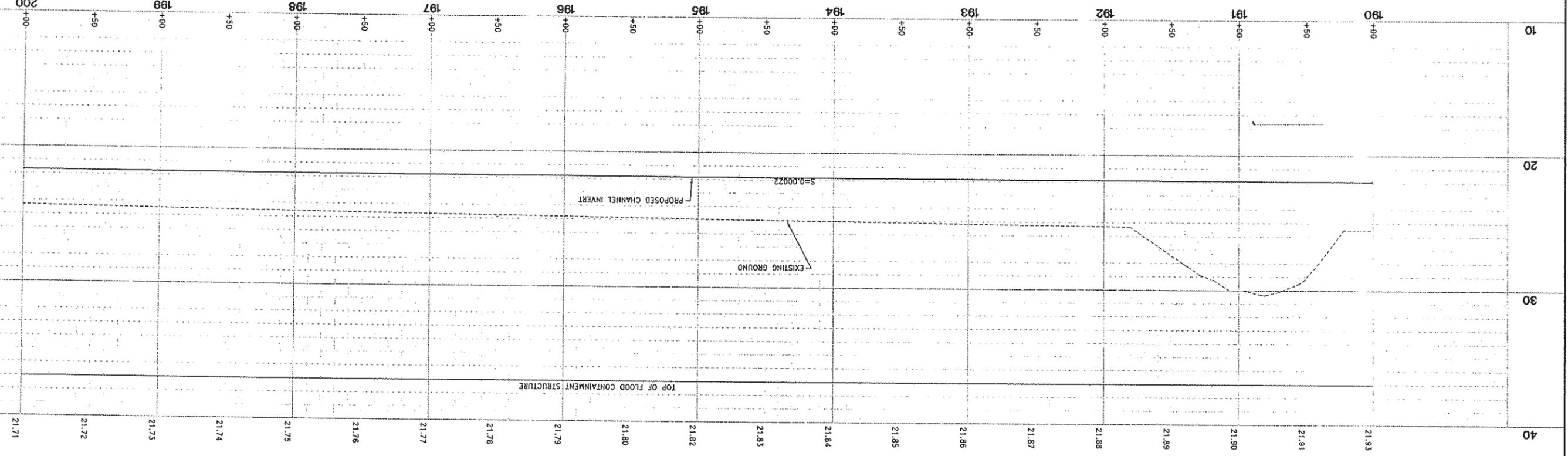
PROJECT ENGINEER'S SIGNATURE _____
 REGISTERED EXP. P.E. _____
 DATE: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 190+00 TO 200+00

PROJECT NO. 8184.004
 February 2006
 DATE: _____
 SCALE: 1"=40'
 SHEET NO. 81 OF 136



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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B
 Sacramento, CA 95816
 Tel 916.941.7760
 Fax 916.941.7767

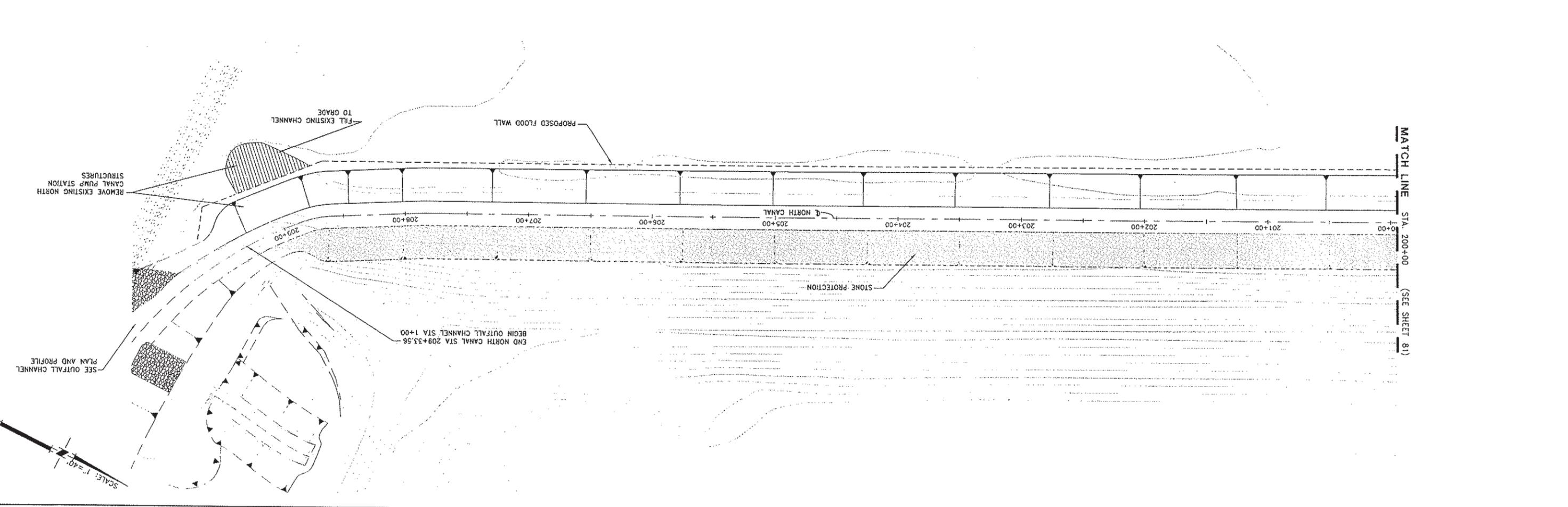
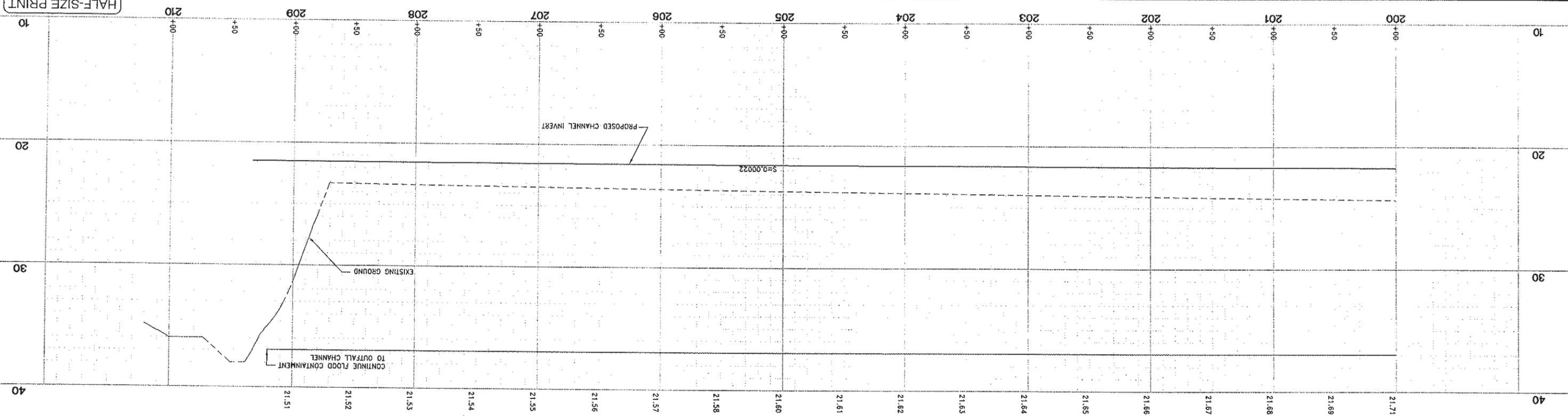
PROJECT ENGINEER'S SIGNATURE
 DATE: _____
 REGISTRATION EXP.: P.E.

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL PLAN AND PROFILE
 STA 200+00 TO END

PROJECT NO. 8164.004
 DATE: February 2006
 SCALE: 1"=40'
 SHEET NO. 82 OF 136



A:\Users\18164-C\1\06\Revised\8164-004-507\Map\North Canal\CA\049\1-C-82-PR21-NC.dwg 2/26/06 5:15pm lcurd

HALF-SIZE PRINT

SCALE: 1"=40'

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST, BLDG. 100-B
 SACRAMENTO, CA 95816
 Tel 916.341.7780 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____ DATE: _____
 APPROVED BY: _____
 NAME: _____ DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 861-5961

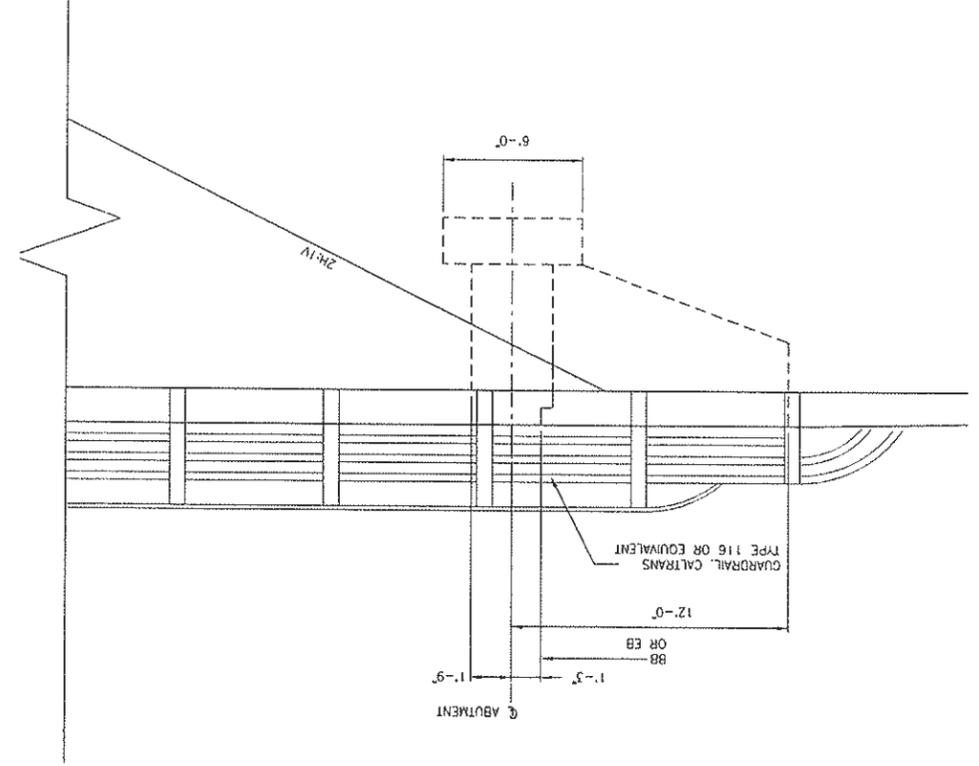
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL
 NORTH CANAL BRIDGE
 ELEVATION AND DETAILS

SCALE: _____
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

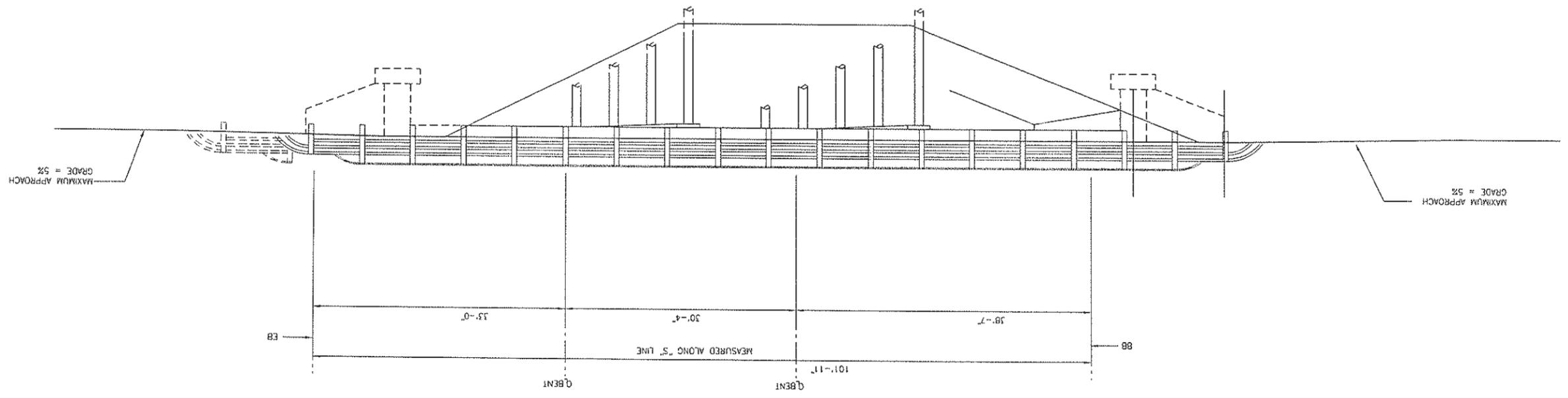
SHEET NO. 84 OF 136

HALF-SIZE PRINT

ABUTMENT DETAIL
 SCALE: 1/4"=1'-0"



ELEVATION
 SCALE: 1/8"=1'-0"



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DESIGNED BY	J. FRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B Tel 916.341.7780
 Sacramento, CA 95816 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____ DATE _____
 APPROVED BY: _____ DATE _____
 NAME: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

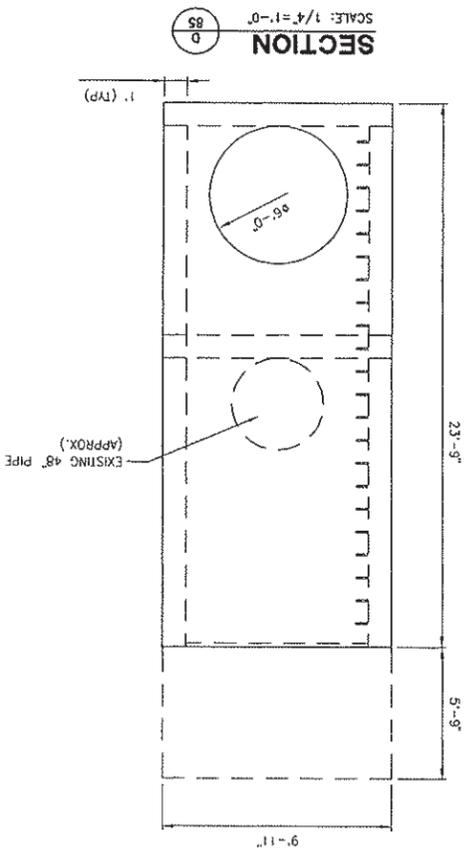
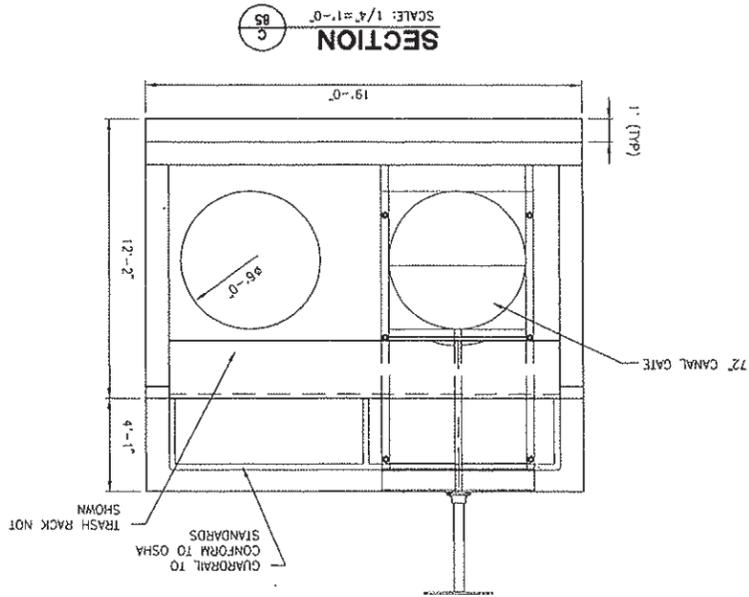
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL
 RD 2035 SIPHON
 DETAILS

SCALE: _____
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 86 OF 136

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

HALF-SIZE PRINT



SHEET NO. 87 OF 136
 DATE: February 2006
 PROJECT NO. 8164.004
 SCALE: AS SHOWN
 VERT. AS SHOWN
 HORIZ. AS SHOWN

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL
 TYPICAL CROSS SECTIONS
 SHEET 1

CITY OF WOODLAND
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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 RECOMMENDED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 NAME: _____
 DICK DONNELLY

PROJECT ENGINEER'S SIGNATURE: _____
 DATE: _____ P.E. _____
 REGISTRATION EXP.: _____

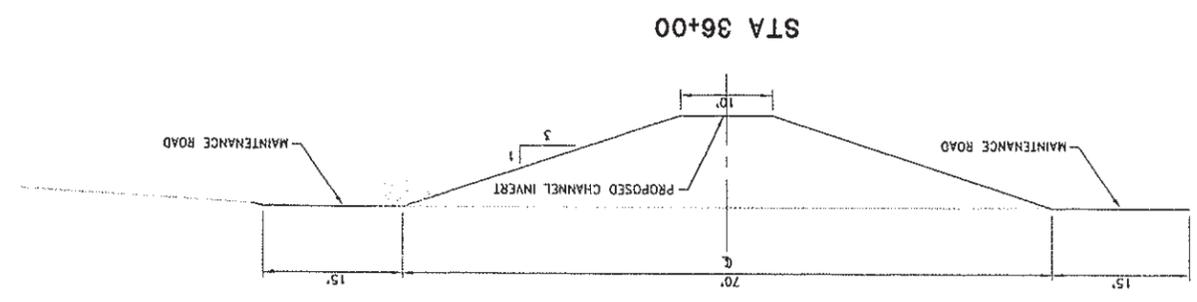
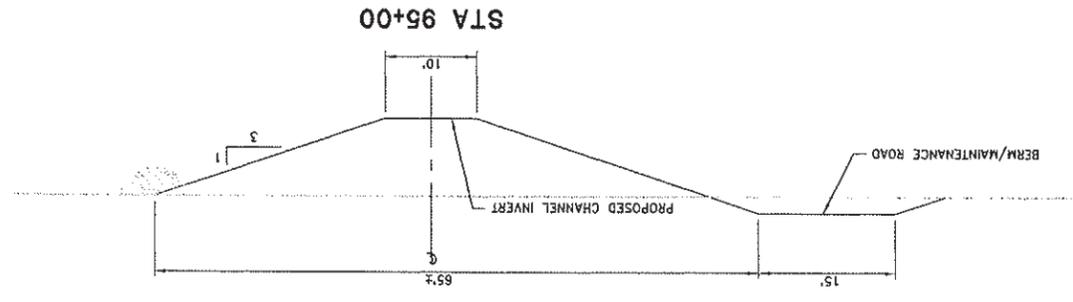
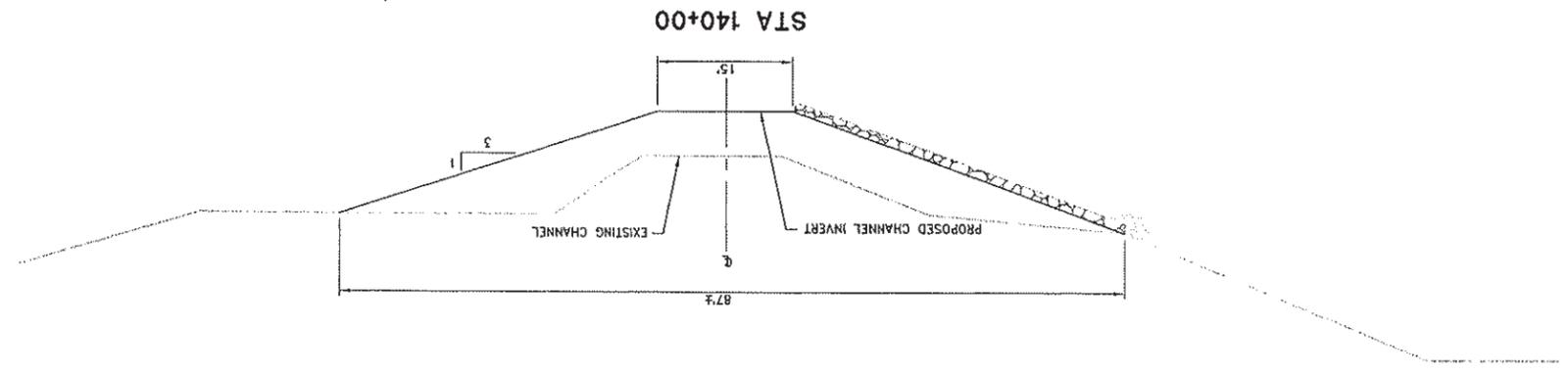
WOOD ROGERS
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 3301 C ST. BLDG. 100-B SACRAMENTO, CA 95816
 TEL 916.341.7750 FAX 916.341.7757

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

DESIGNED BY: J. PRITCHARD
 DRAWN BY: L. CURD
 REVIEWED BY: M. NOWLAN
 FILE:

HALF-SIZE PRINT

TYPICAL CHANNEL SECTIONS
SCALE: 1"=10'



CHANNEL INVERT

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DESIGNED BY	J. Pritchard
DRAWN BY	L. Guard
REVIEWED BY	M. Nowlan
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B
 Sacramento, CA 95816
 Tel 916.341.7780
 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE _____
 REGISTRATION EXP. P.E. _____
 DATE: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____

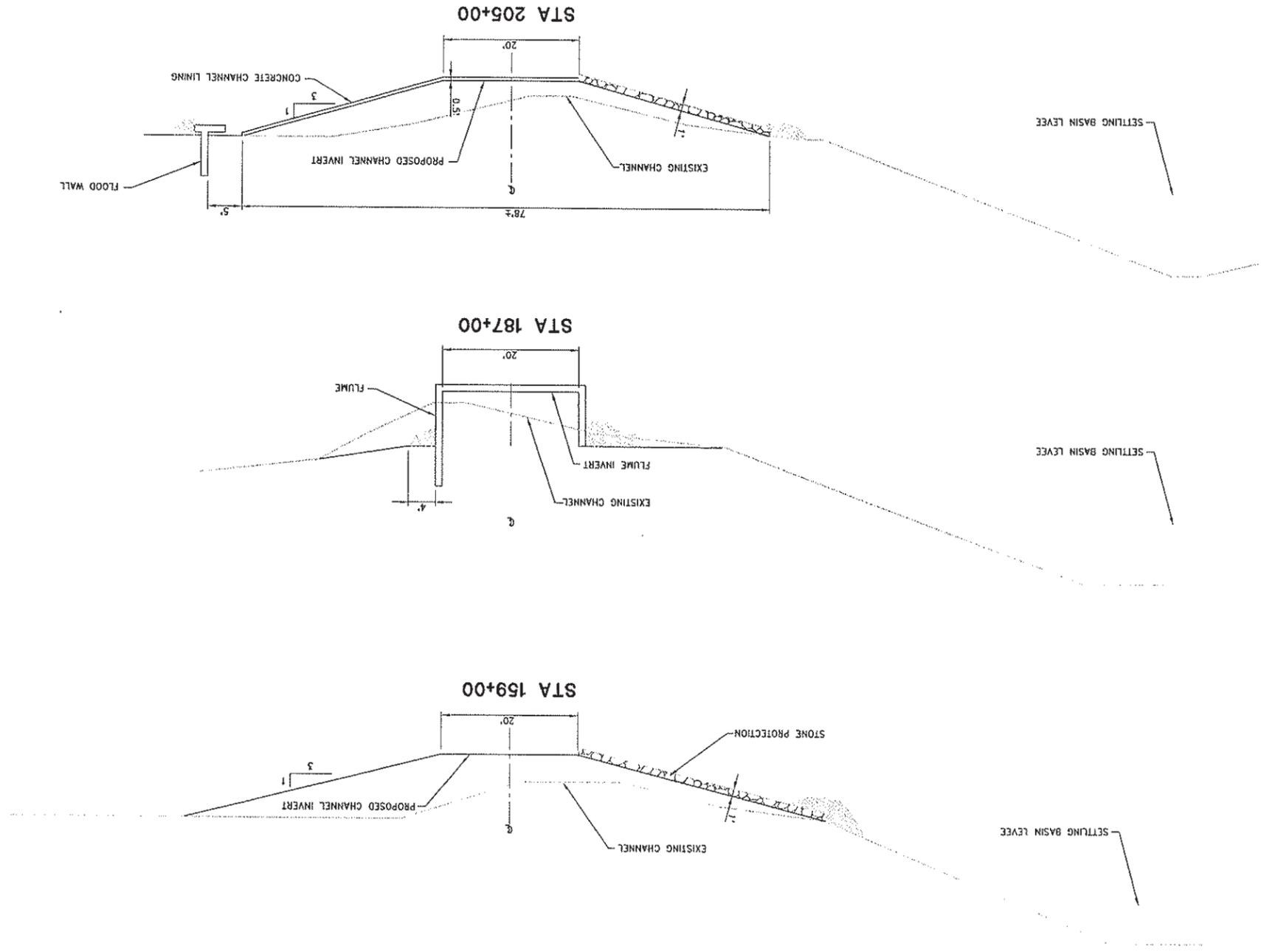
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 500 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL
 TYPICAL CROSS SECTIONS
 SHEET 2

SCALE: N/A
 SHEET NO. 88
 OF 136
 PROJECT NO. 8164.004
 DATE: February 2006

HALF-SIZE PRINT

TYPICAL CHANNEL SECTIONS
 SCALE: 1"=10'



NOTE:
 EXISTING CHANNEL SECTION BELOW WATERLINE
 IS ASSUMED DUE TO SURVEY LIMITATION.

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B Sacramento, CA 95816
 Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 DATE: _____
 P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME _____
 APPROVED BY: _____
 DATE _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL
 TYPICAL CROSS SECTIONS
 SHEET 3

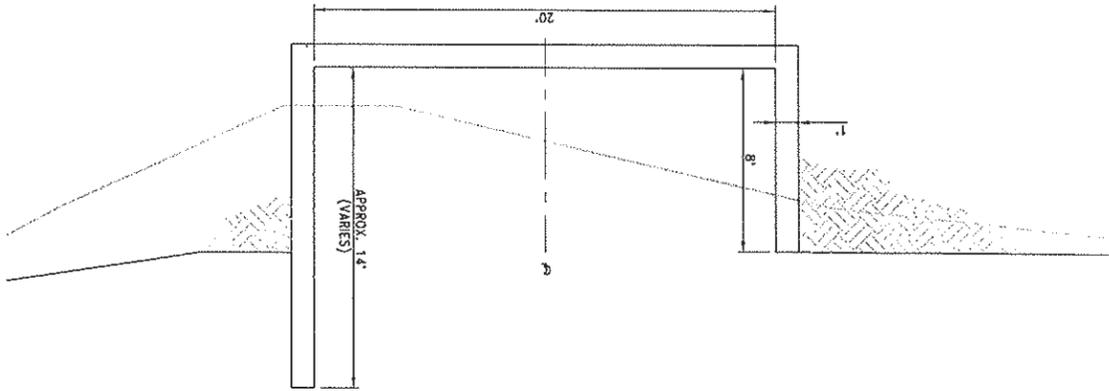
SCALE: AS SHOWN
 HORIZ. AS SHOWN
 DATE: February 2006
 PROJECT NO. 8164.004

136 OF 89 SHEET NO.

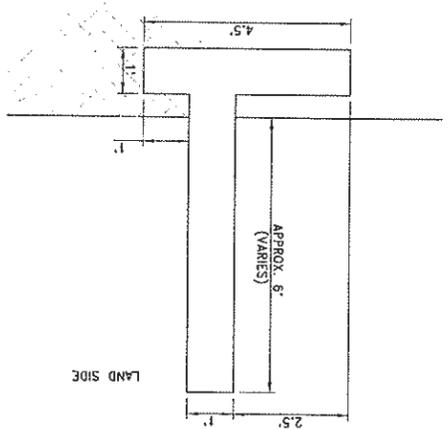
NO.	DESCRIPTION	BY	DATE	APPR.	DATE

HALF-SIZE PRINT

FLUME SECTION
 SCALE: 1"=4'



FLOOD WALL DETAIL
 SCALE: 1"=2'



NOTE:
 IS ASSUMED DUE TO SURVEY LIMITATION.
 EXISTING CHANNEL SECTION BELOW WATERLINE

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST, BLDG. 100-B
 SACRAMENTO, CA 95816
 TEL 916.341.7700
 FAX 916.341.7707

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____ DATE: _____
 APPROVED BY: _____
 DICK DONNELLY DATE: _____

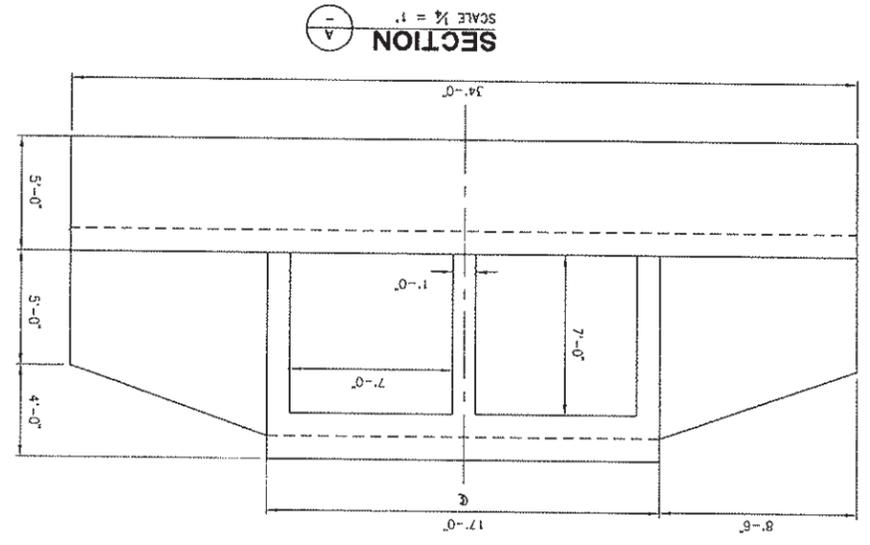
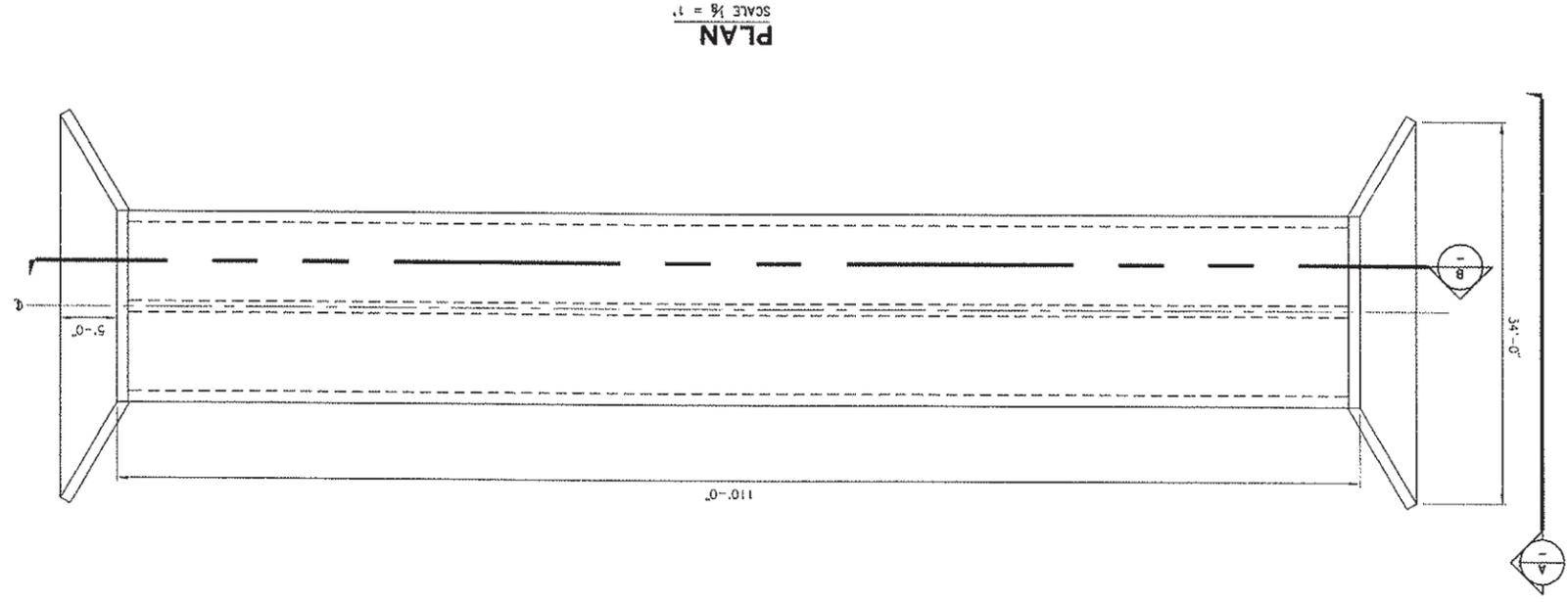
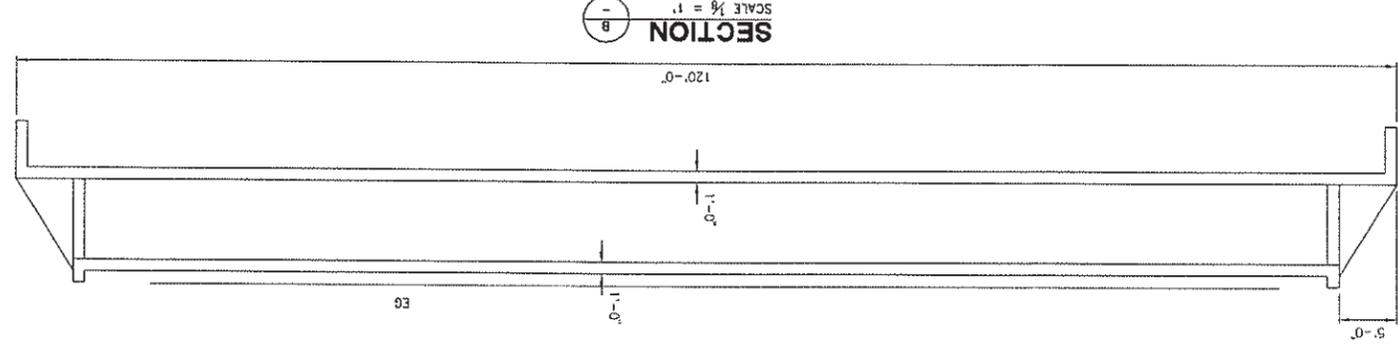
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL STRUCTURAL DETAILS
 ROAD 101 CULVERT

SCALE: AS NOTED
 VERT. AS NOTED
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 90 OF 136

NO.	DESCRIPTION	BY	DATE	APPR.	DATE
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HALF-SIZE PRINT

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95818
 TEL 916.341.7760
 FAX 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

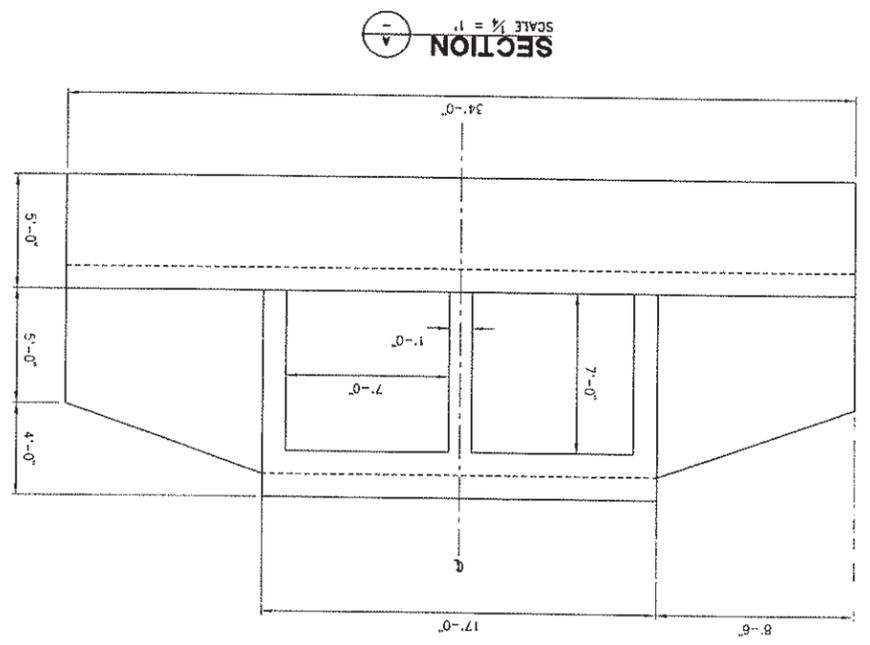
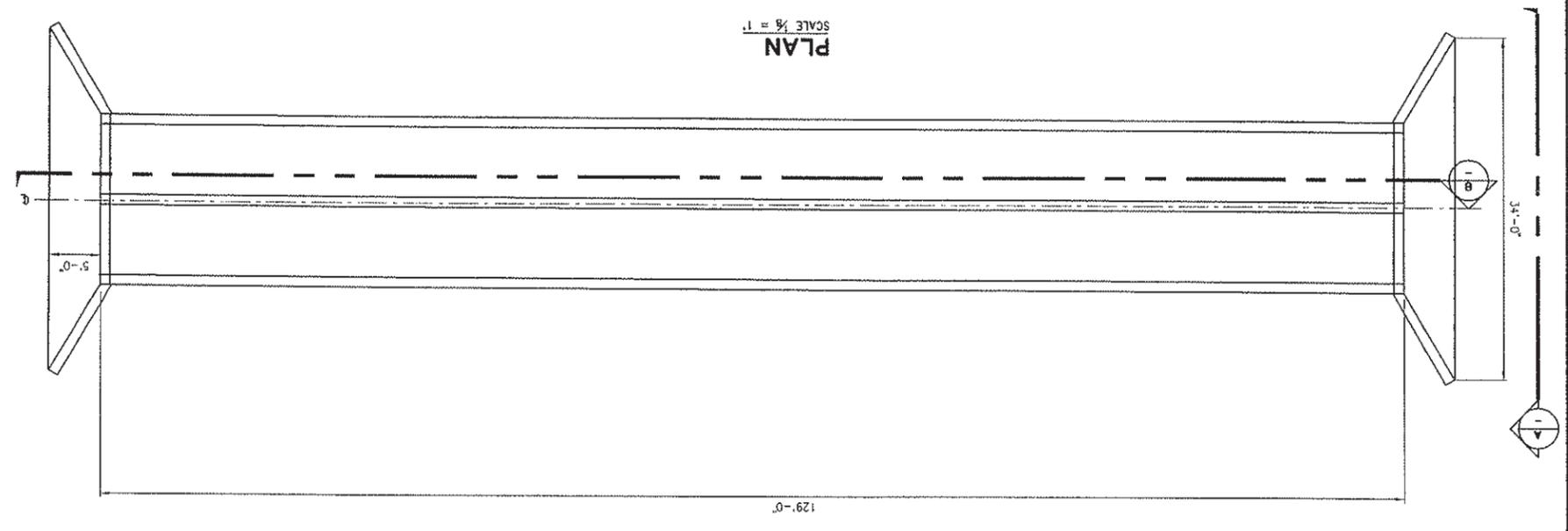
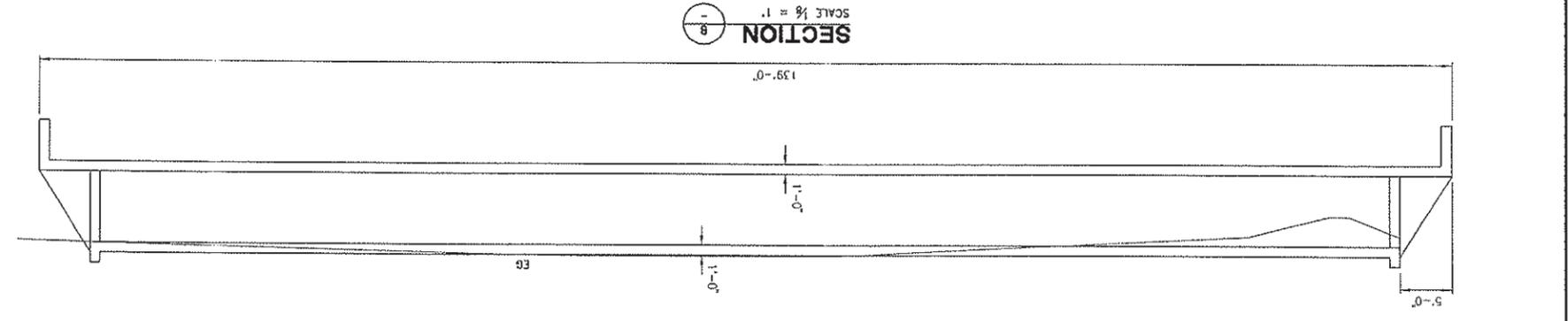
CITY OF WOODLAND
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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL STRUCTURAL DETAILS
 ROAD 102 CULVERT

SCALE: AS NOTED
 VERT. AS NOTED
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 91 OF 136

HALF-SIZE PRINT



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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B
 Sacramento, CA 95818
 Tel 916.341.7700
 Fax 916.341.7707

PROJECT ENGINEER'S SIGNATURE _____
 DATE: _____ P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

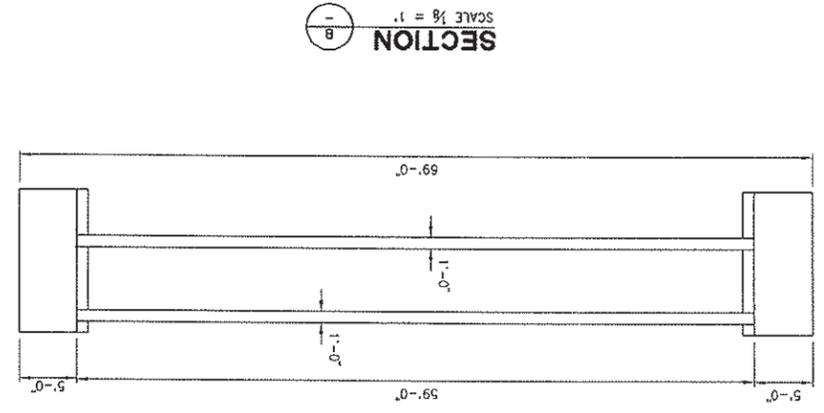
CITY OF WOODLAND
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 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 NORTH CANAL STRUCTURAL DETAILS
 SETTLING BASIN LEVEE RAMP CULVERT

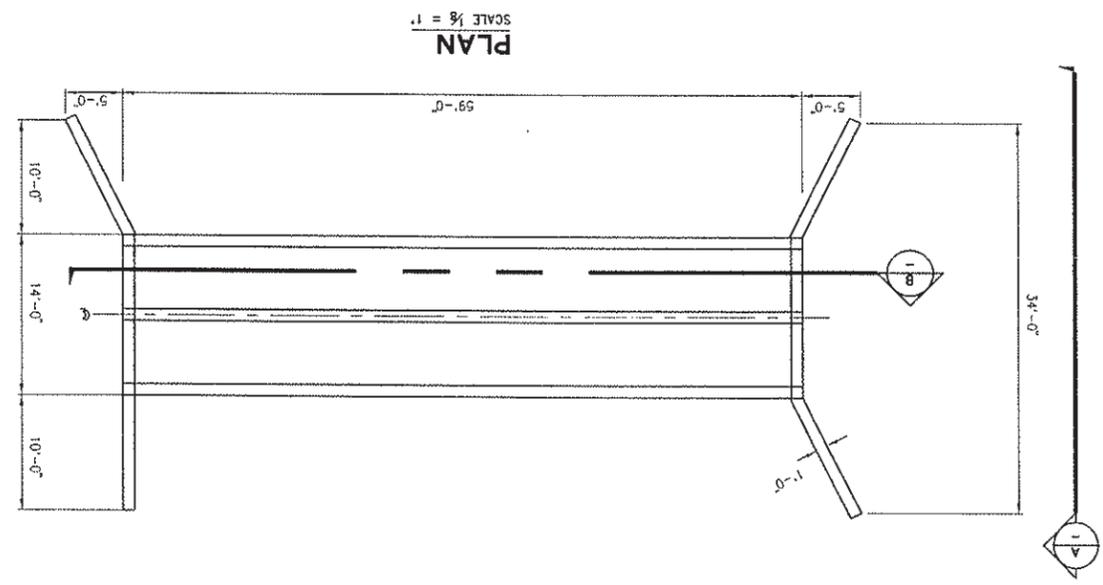
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 SHEET NO. 92 OF 136
 DATE: February 2006
 PROJECT NO. 8164.004

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

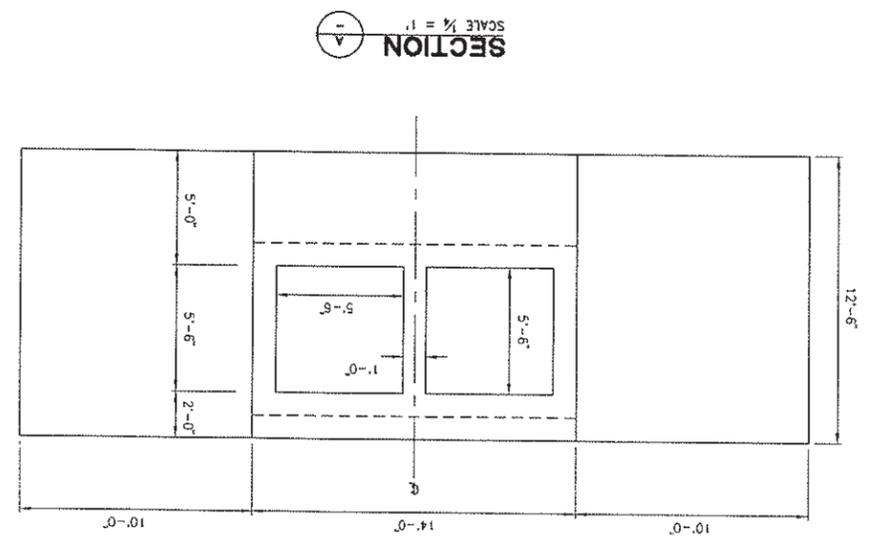
HALF-SIZE PRINT



SECTION B
 SCALE 1/8" = 1'



PLAN
 SCALE 1/8" = 1'



SECTION A
 SCALE 1/4" = 1'

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. Bldg. 100-B
 Sacramento, CA 95816
 Tel 916.341.7750
 Fax 916.341.7757

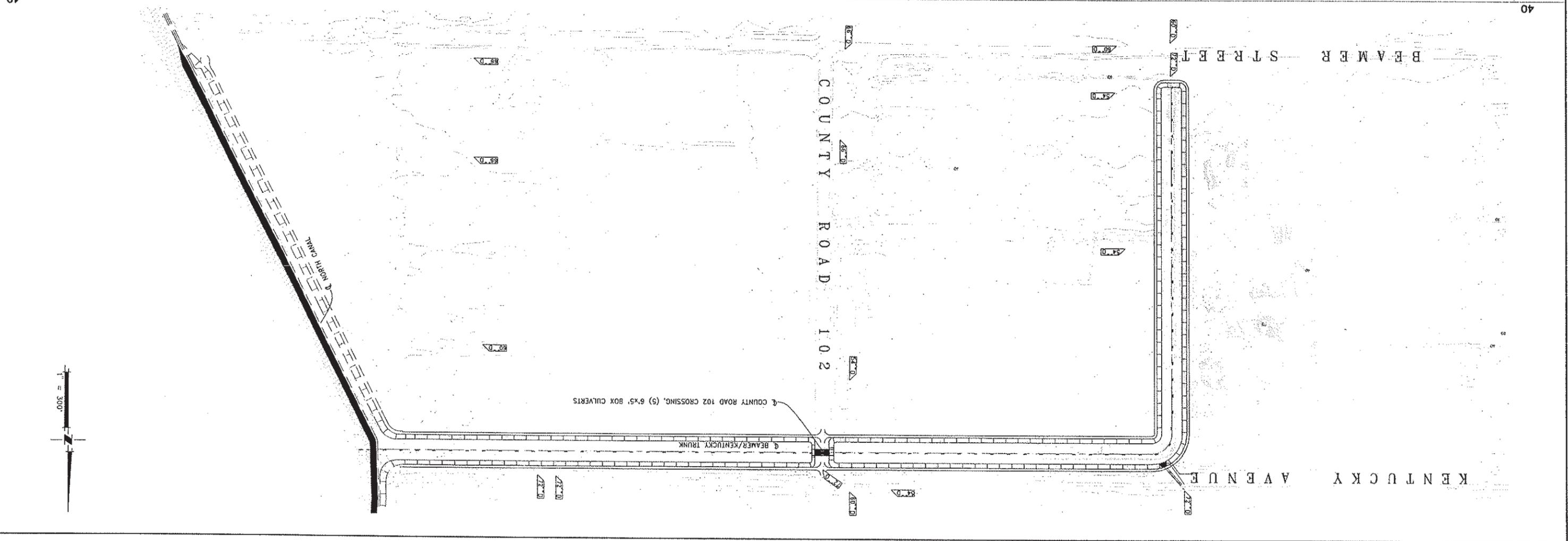
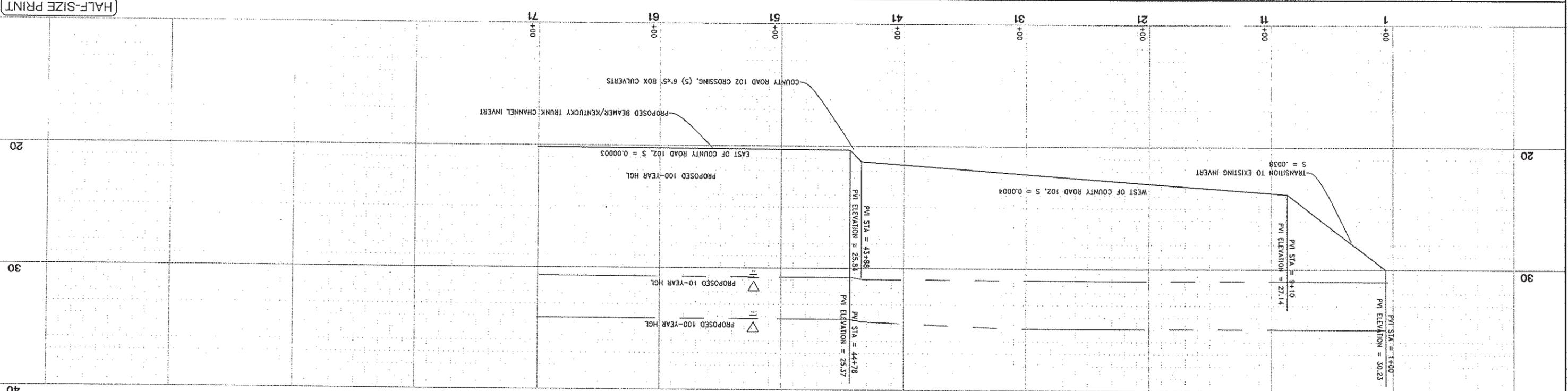
PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.:

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 BEAMER/KENTUCKY TRUNK
 PLAN AND PROFILE
 STA 1+00 TO END

SCALE: 1"=400'
 SHEET NO. 93 OF 136
 PROJECT NO. 8164.004
 DATE: February 2006
 VERT. 1"=4'
 HORIZ. 1"=400'



J:\Users\B164-c1\p1\Woodland\B164-004-SP\p1\Woodland Plan Facilities\Beamer-Kentucky-102\City\02-9-C-93-pp01-B-K-dwg 2/06/06 5:29pm tord

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B TEL 916.341.7760
 SACRAMENTO, CA 95818 FAX 916.341.7757

PROJECT ENGINEER'S SIGNATURE
 P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____

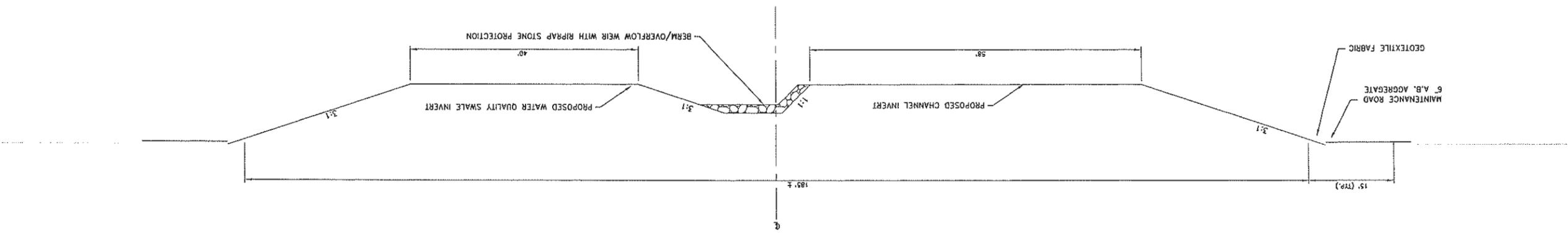
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 BEAMER/KENTUCKY TRUNK
 TYPICAL SECTION

SCALE: _____
 HORIZ: _____
 VERT: _____
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 94
 OF 136

HALF-SIZE PRINT

TYPICAL CHANNEL SECTION
 SCALE: 1"=10'



J:\05\B164-C1\Woodland\B164.004-S01.dwg 2/26/06 5:28pm tcard

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B SACRAMENTO, CA 95818
 TEL 916.341.7260 FAX 916.341.7297

PROJECT ENGINEER'S SIGNATURE _____
 DATE: _____ P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

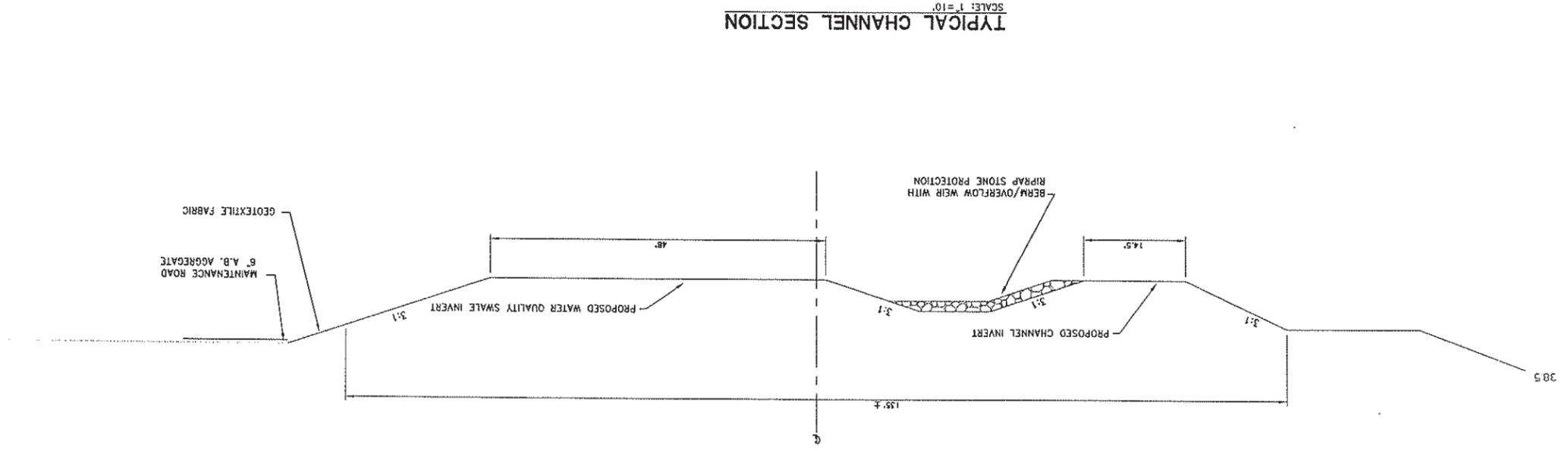
CITY OF WOODLAND
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 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
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 PRELIMINARY ENGINEERING REPORT
 BEAMER/KENTUCKY TRUNK
 TYPICAL NORTH CANAL
 WATER QUALITY SWALE SECTION

SCALE: _____
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 136
 OF 95

HALF-SIZE PRINT



TYPICAL CHANNEL SECTION
 SCALE: 1" = 10'

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST, BLDG. 100-B
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 TEL 916.341.7700
 FAX 916.341.7707

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DATE: _____
 OICK DONNELLY

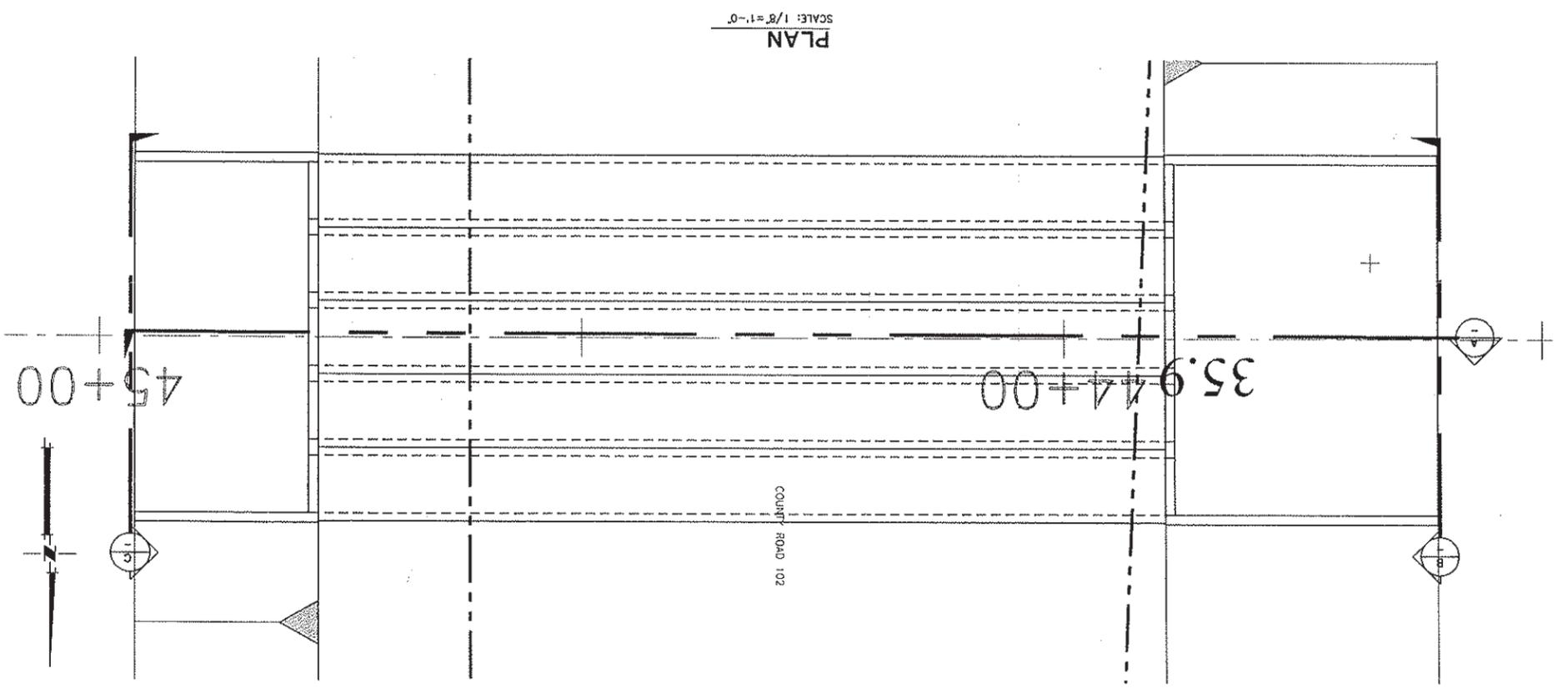
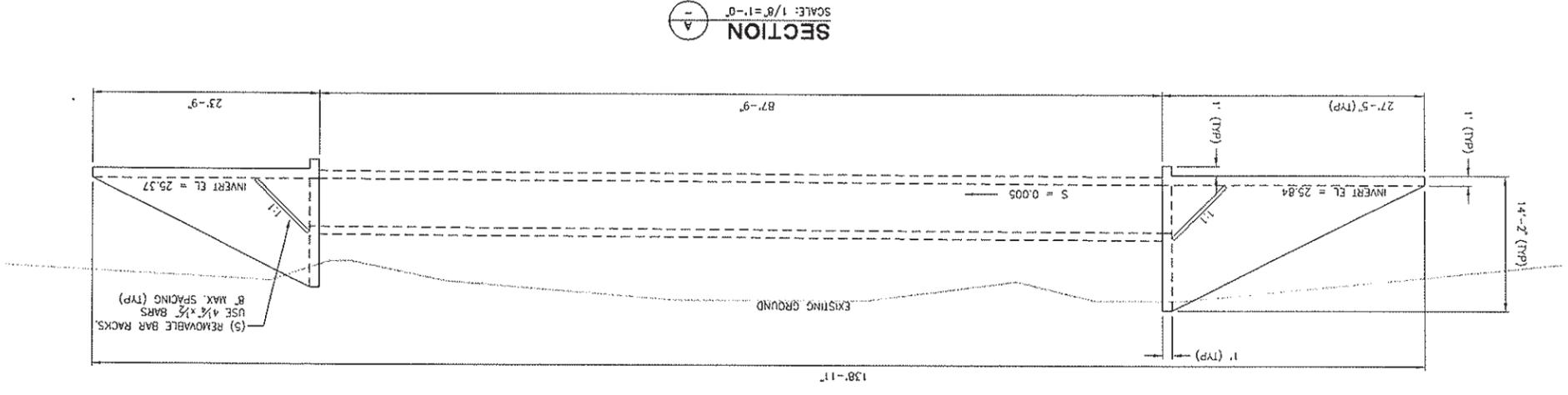
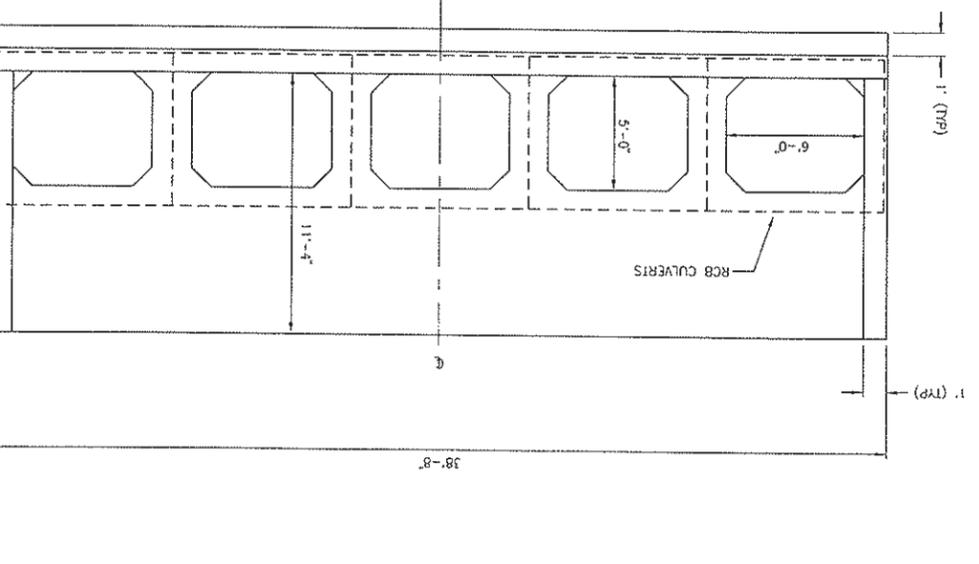
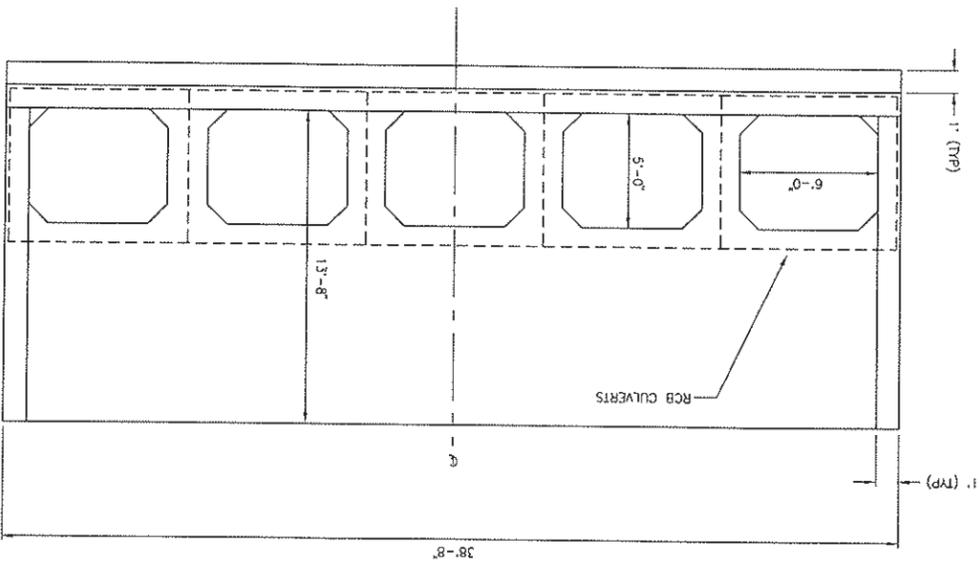
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 BEAMER/KENTUCKY TRUNK
 COUNTY ROAD 102 CULVERTS
 PLAN AND SECTIONS

SCALE: _____
 HORIZ: _____
 VERT: _____
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 96
 OF 136

HALF-SIZE PRINT



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DESIGNED BY
J. PRTCHARD

DRAWN BY
L. CURD

REVIEWED BY
M. NOWLAN

FILE:

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St. Bldg. 100-B
Sacramento, CA 95816
Tel 916.341.7700
Fax 916.341.7707

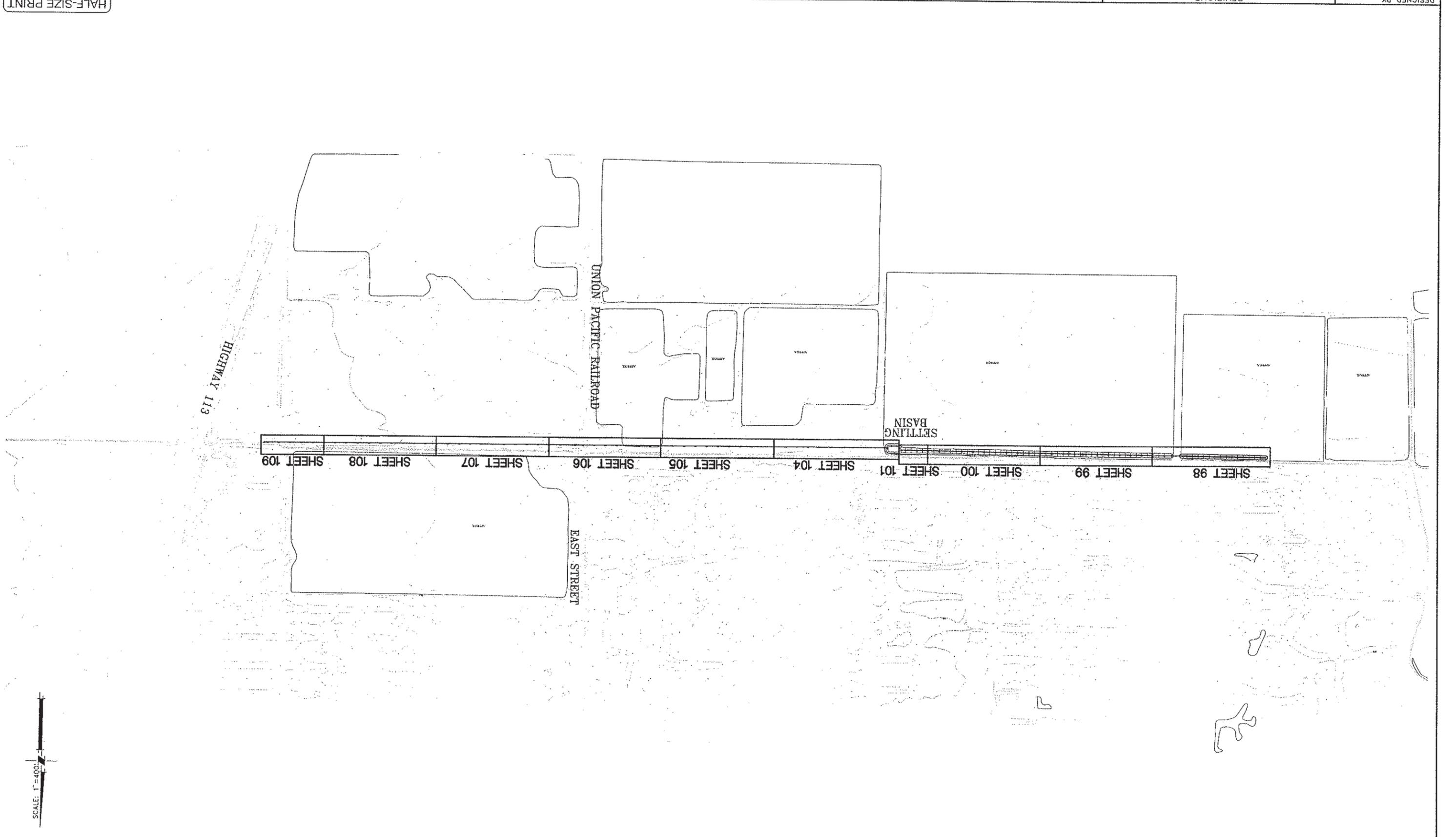
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BY: _____
DATE: _____
REGISTRATION EXP. P.E. _____
DATE: _____

CITY OF WOODLAND
RECOMMENDED BY: _____
NAME _____
APPROVED BY: _____
DATE _____
DICK DONNELLY
DATE _____

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95696 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
SOUTHWEST INTERCEPTOR AND FARMERS CENTRAL TRUNK
PLAN AND PROFILE
INDEX SHEET

SCALE: 1"=400'
HORIZ. 1"=400'
VERT. 1"=400'
DATE: February 2006
PROJECT NO. 8164.004
SHEET NO. 97 OF 136



HALF-SIZE PRINT

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CORD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St., Bldg. 100-B
 Sacramento, CA 95816
 Tel 916.341.7780
 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE
 DATE: _____
 REGISTRATION EXP.: _____
 P.E.

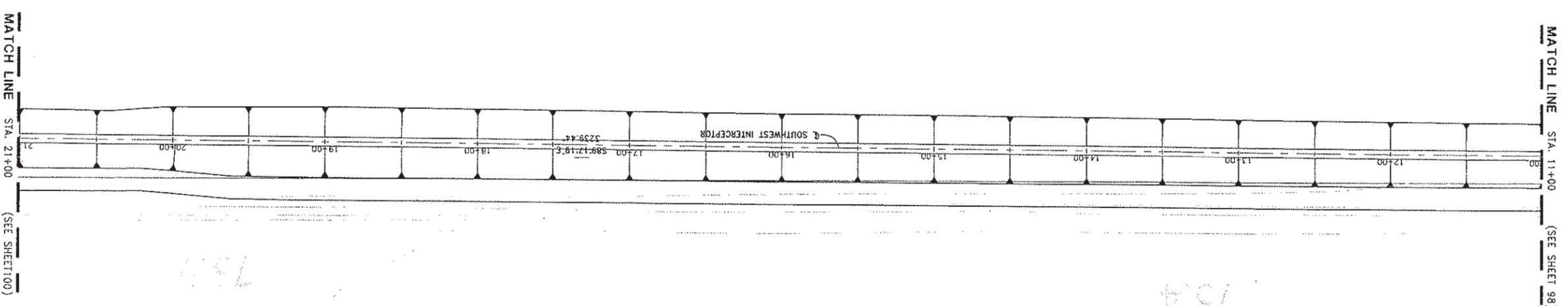
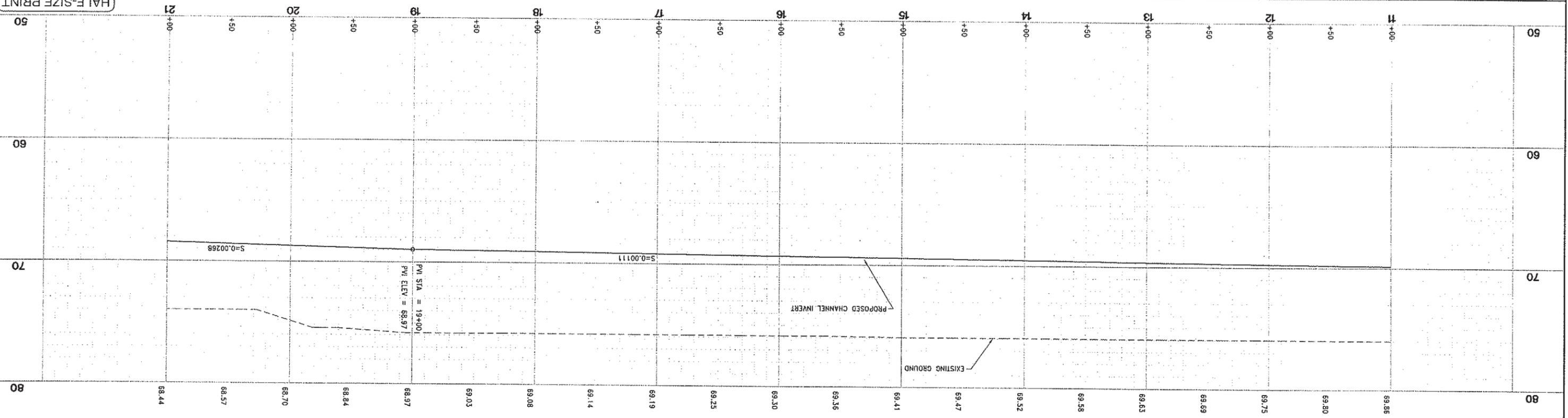
CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____
 DATE: _____
 APPROVED BY:
 DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 861-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 11+00 TO 21+00

SCALE: 1"=40'
 HORIZ: 1"=40'
 VERT: 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

136 OF 99 SHEET NO.



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DESIGNED BY	J. PITCHARD
DRAWN BY	
LCURD	
REVIEWED BY	M. WOLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95816
 TEL 916.341.7760
 FAX 916.341.7757

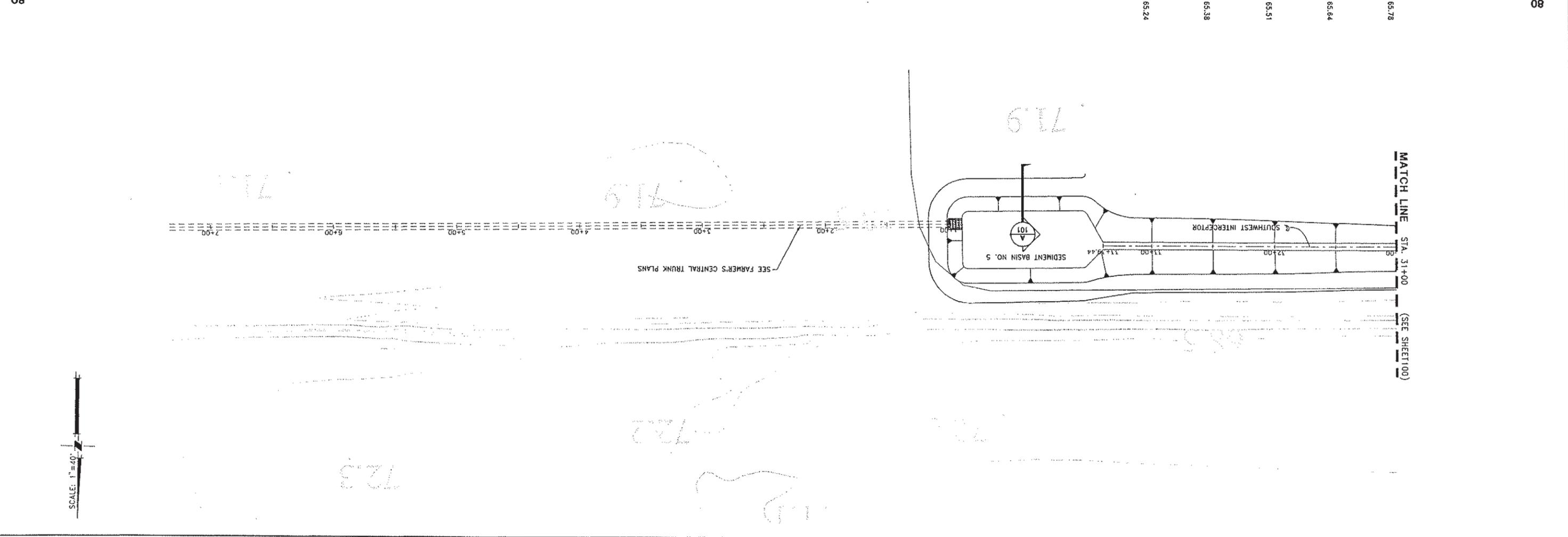
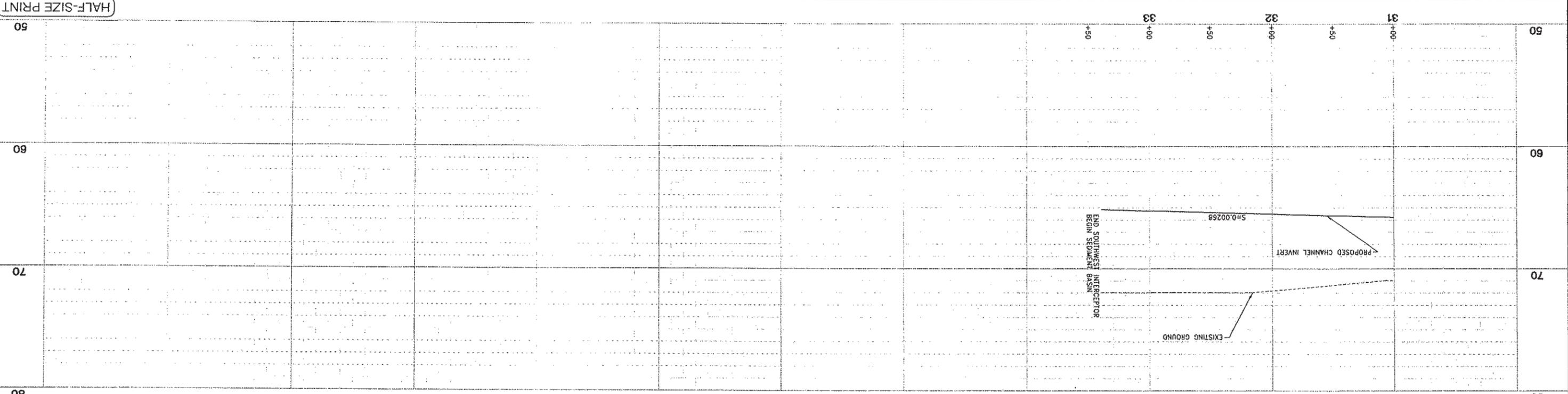
PROJECT ENGINEER'S SIGNATURE
 P.E.
 REGISTRATION EXP. DATE: _____
 BY: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 NAME: DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTHWEST INTERCEPTOR PLAN AND PROFILE
 STA 31+00 TO END

SCALE: 1"=40'
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 VERT. 1"=4'
 DATE: February, 2006
 PROJECT NO. 8164.004
 SHEET NO. 101
 OF 136

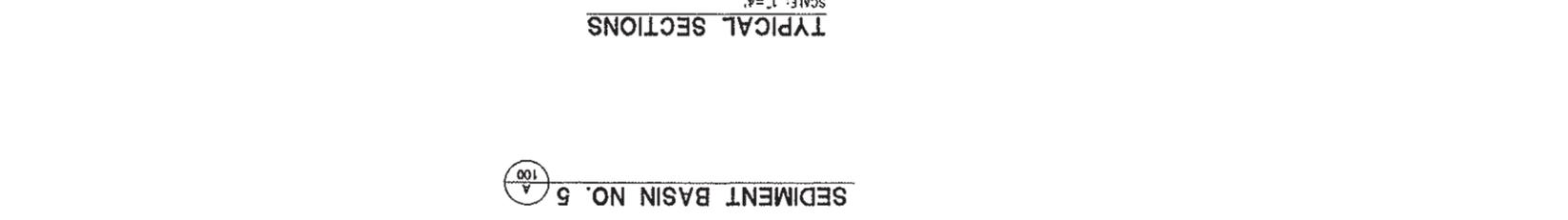


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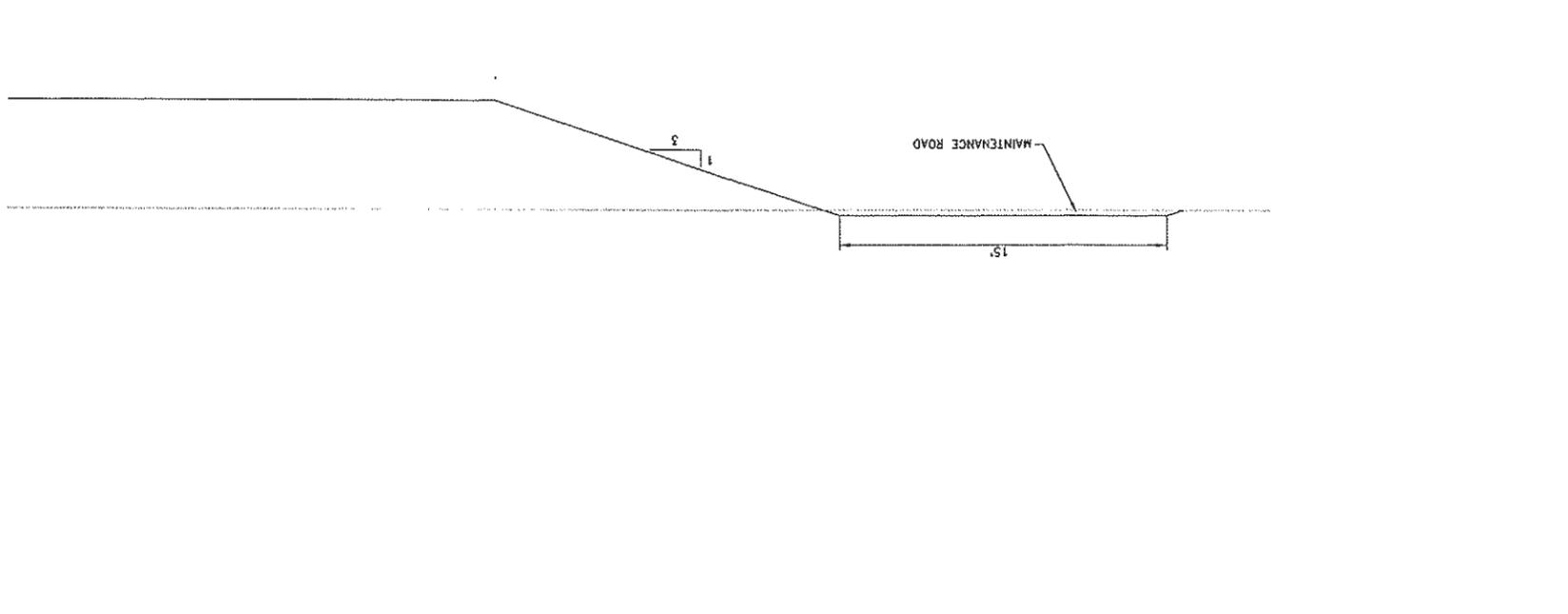
DESIGNED BY J. PRITCHARD	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
REVISIONS						
PROJECT ENGINEER'S SIGNATURE	CITY OF WOODLAND		RECOMMENDED BY:	CITY OF WOODLAND		
NAME	DATE	APPROVED BY:	DATE	NAME	DATE	APPROVED BY:
DICK DONNELLY						
BY:	DATE:	P.E.:	REGISTRATION EXP.:	WOOD RODGERS		
3301 C ST. BLDG. 100-B Sacramento, CA 95819 Tel: 916.341.7760 Fax: 916.341.7707		DEVELOPING INNOVATIVE DESIGN SOLUTIONS				
FILE:	M. NOWLAN					
REVIEWED BY:	M. NOWLAN					
DRAWN BY:	L. CURD					

SCALE: 1"=4'

HALF-SIZE PRINT



SEDIMENT BASIN NO. 5



SOUTHWEST INTERCEPTOR TYPICAL SECTION

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
SOUTHWEST INTERCEPTOR
TYPICAL SECTIONS

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

PROJECT NO. 8164.004
DATE: February 2006
VERT. AS SHOWN
HORIZ. AS SHOWN
SCALE: AS SHOWN

136 OF 102 SHEET NO.

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DESIGNED BY	J. PRITCHARD
DRAWN BY	
LCURD	
REVIEWED BY	
M. MOWLAN	
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3901 C ST. BLDG. 100-B
 Sacramento, CA 95816
 Tel 916.341.7760
 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 APPROVED BY: _____
 NAME: _____
 DATE: _____
 DICK DONNELLY

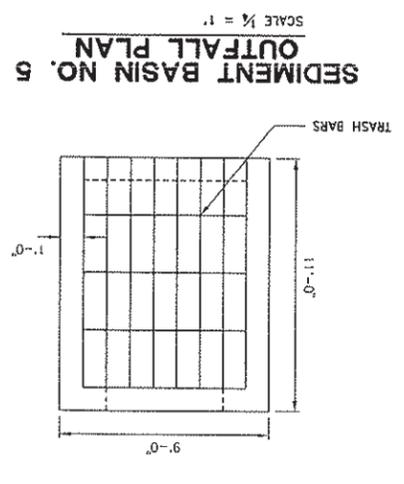
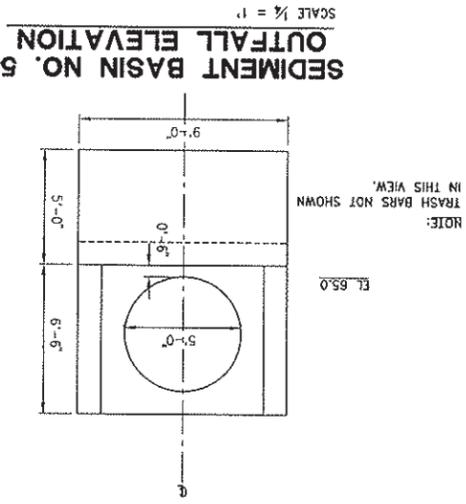
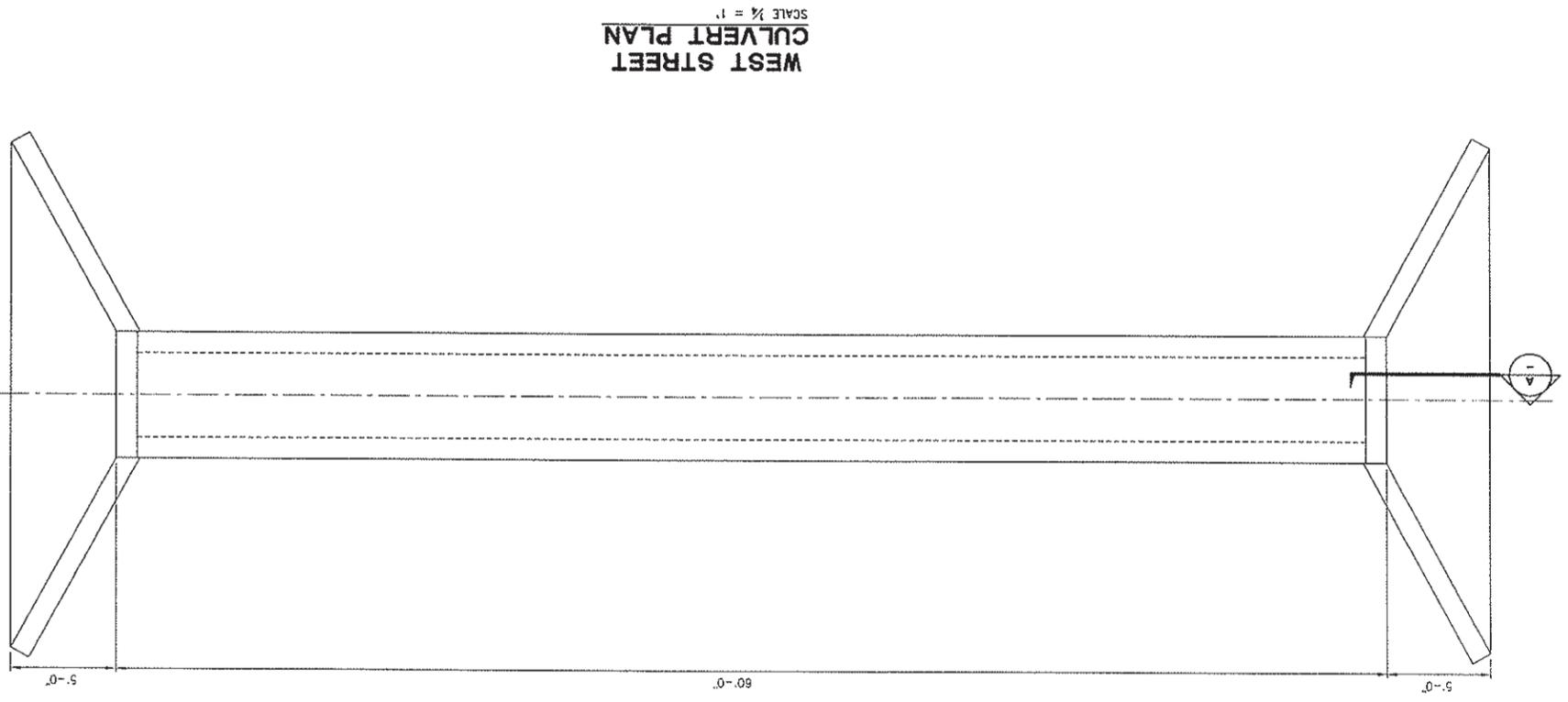
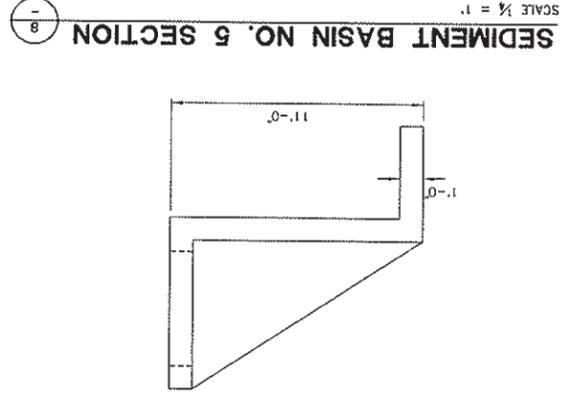
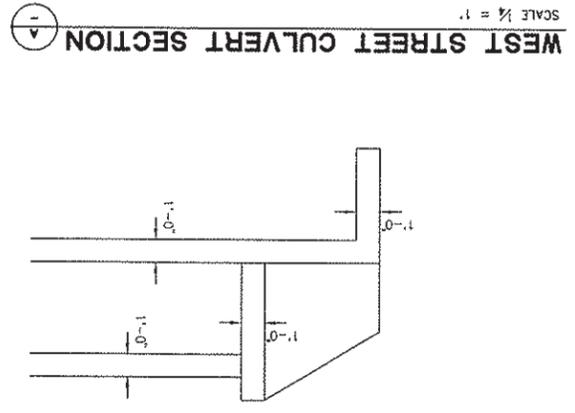
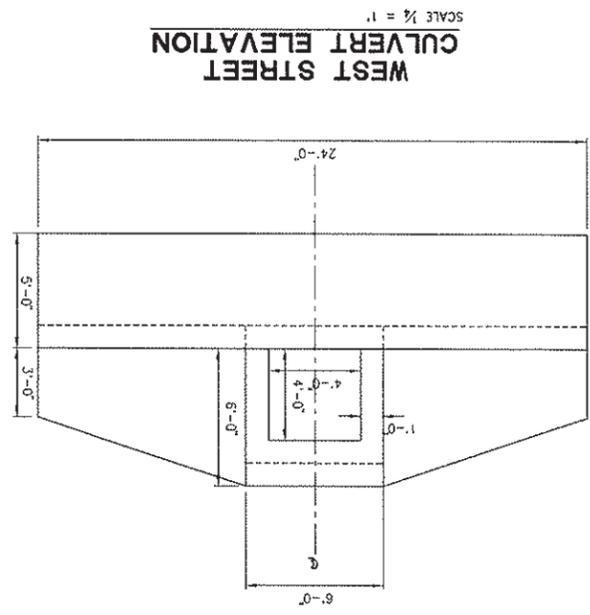
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTHWEST INTERCEPTOR
 STRUCTURAL DETAILS

SCALE: AS NOTED
 HORIZ.: AS NOTED
 VERT.: AS NOTED
 DATE: February 2006
 PROJECT NO. 8164.004

103 OF 136 SHEET NO.

HALF-SIZE PRINT



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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. GUO
REVIEWED BY	M. MOWLAN
FILE:	

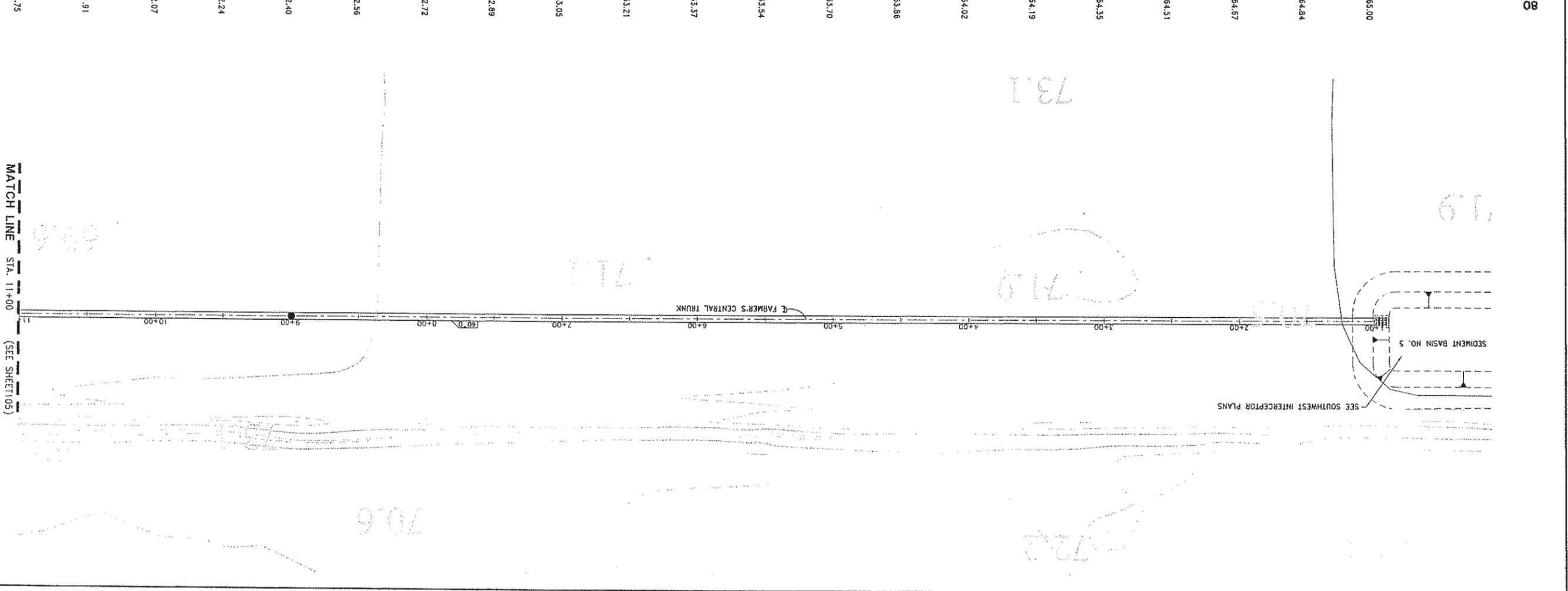
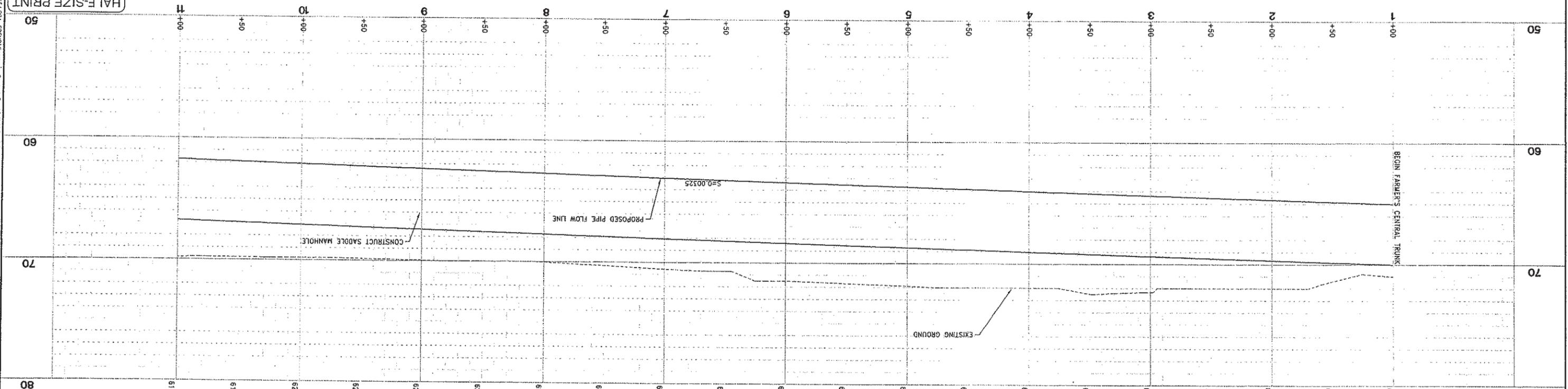
WOOD RODGERS
 INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B
 Sacramento, CA 95818
 Tel 916.341.7260
 Fax 916.341.7277

PROJECT ENGINEER'S SIGNATURE: _____
 DATE: _____
 REGISTRATION EXP.: _____
 P.E.: _____
 BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 FARMER'S CENTRAL TRUNK PLAN AND PROFILE
 STA 1+00 TO 11+00

SCALE: 1"=40'
 HORIZ. SCALE: 1"=40'
 VERT. SCALE: 1"=4'
 SHEET NO. 104
 OF 136
 PROJECT NO. 8164.004
 DATE: February 2006



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DESIGNED BY	
J. Pritchard	
DRAWN BY	
L. Curod	
REVIEWED BY	
M. Nowlan	
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 8301 C St, Bldg. 100-B
 Sacramento, CA 95818
 Tel 916.341.7780
 Fax 916.341.7787

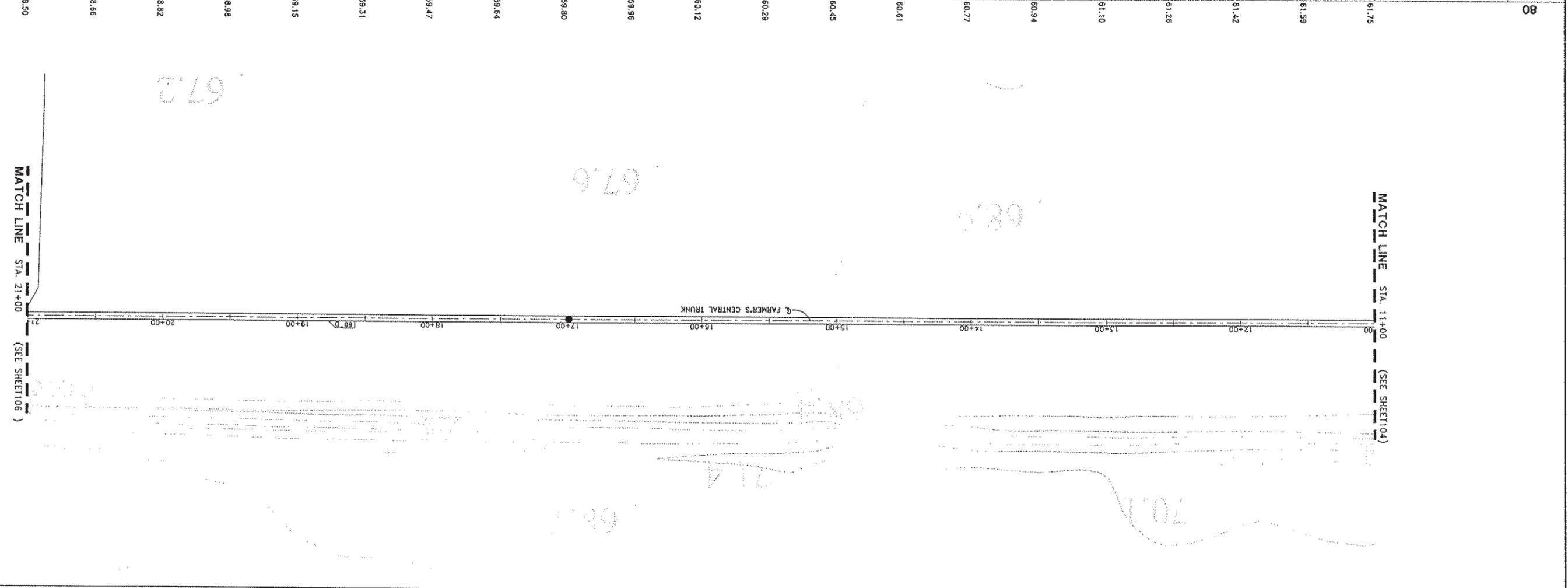
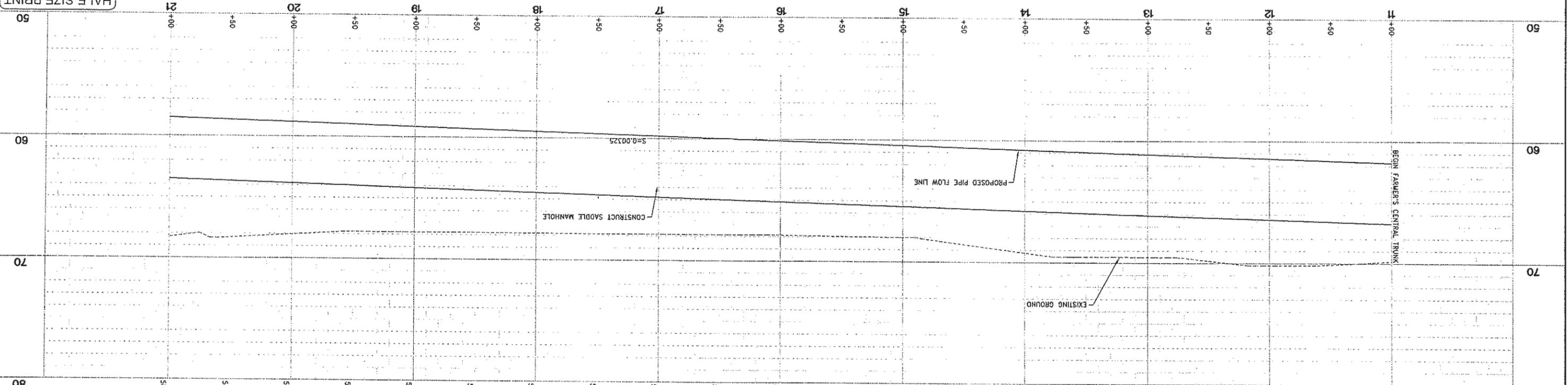
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 PROJECT: _____
 P.C. _____
 REGISTRATION EXP.: _____
 DATE: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 FARMER'S CENTRAL TRUNK PLAN AND PROFILE
 STA 11+00 TO 21+00
 PROJECT NO. 8164.004
 February 2006

SHEET NO. 105 OF 136
 SCALE: 1"=40'
 HORIZ. 1"=40'
 VERT. 1"=4'



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DESIGNED BY	J. PARTCHARD
DRAWN BY	
LCURD	
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95818
 TEL 916.341.7760
 FAX 916.341.7767

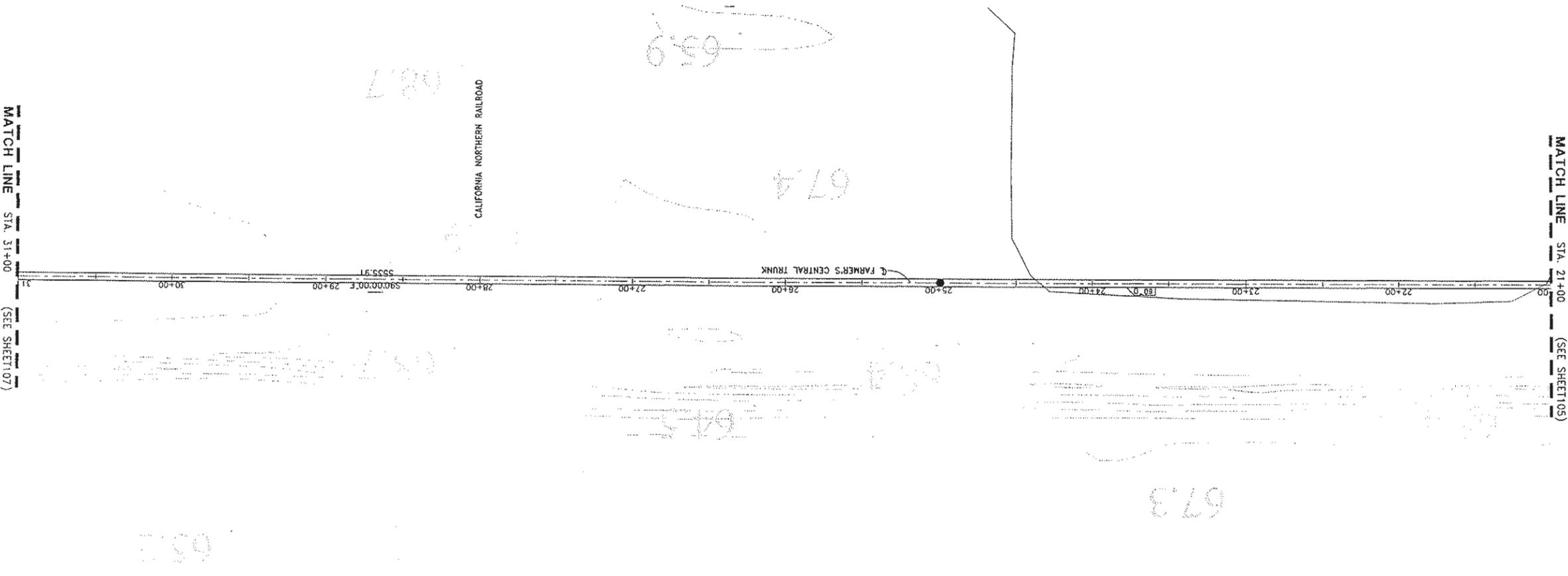
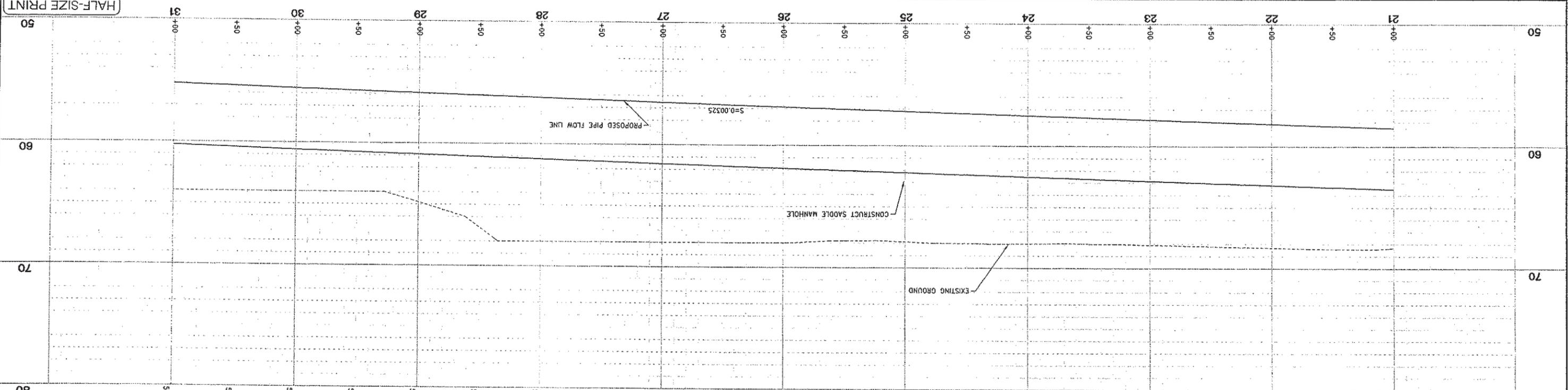
PROJECT ENGINEER'S SIGNATURE _____
 DATE: _____
 REGISTRATION EXP.: _____
 P.E. _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 NAME: DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 FARMER'S CENTRAL TRUNK PLAN AND PROFILE
 STA 21+00 TO 31+00
 PROJECT NO. 8164.004

SCALE: 1"=40'
 HORIZ. SCALE: 1"=40'
 VERT. SCALE: 1"=40'
 DATE: February 2006
 SHEET NO. 106 OF 136



SCALE: 1"=40'

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95816
 TEL 916.341.7760
 FAX 916.341.7767

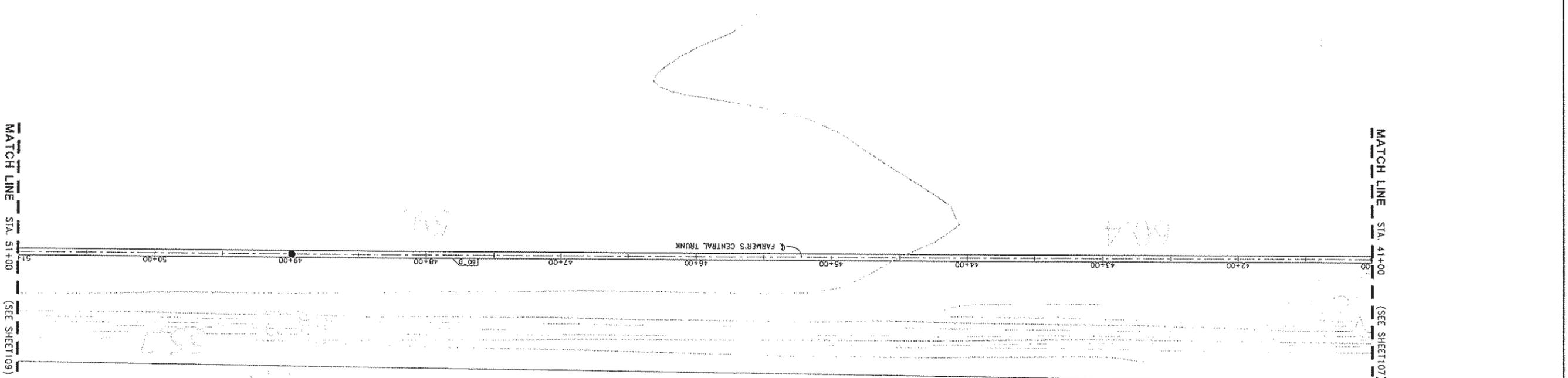
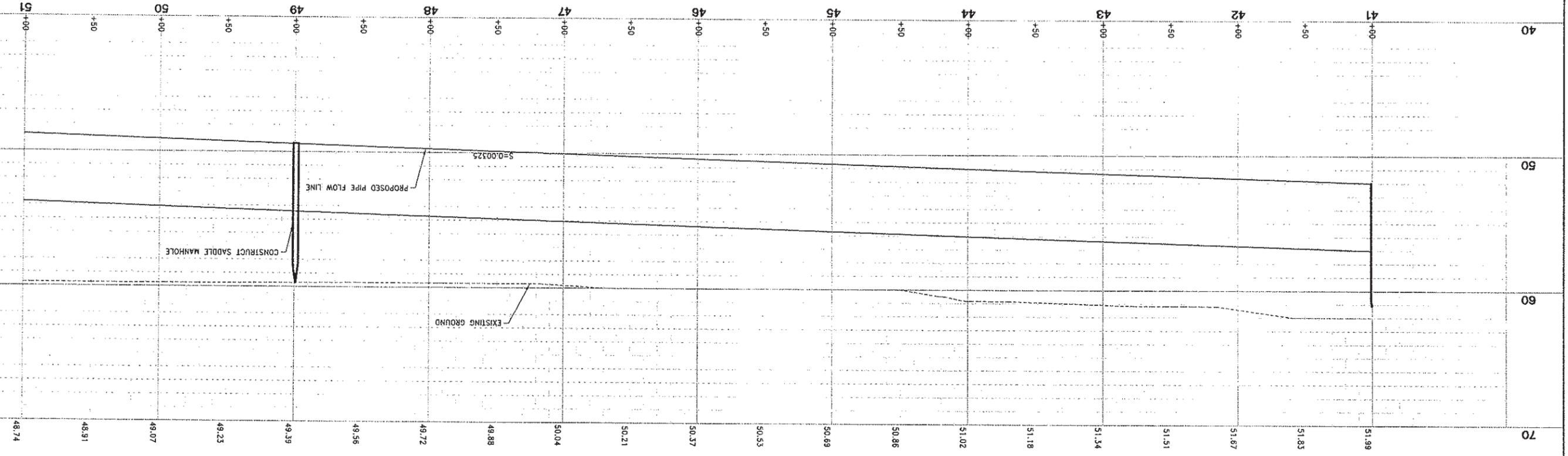
PROJECT ENGINEER'S SIGNATURE
 DATE: _____
 REGISTRATION EXP.: P.E.
 DATE: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 500 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 FARMER'S CENTRAL TRUNK PLAN AND PROFILE
 STA 41+00 TO 51+00
 PROJECT NO. 8164.004
 DATE: February 2006
 SCALE: HORIZ. 1"=40'
 VERT. 1"=4'

136 OF 108 SHEET NO. 108
 HALF-SIZE PRINT



SCALE: 1"=40'

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DESIGNED BY	J. Pritchard
DRAWN BY	L. Guard
REVIEWED BY	M. Nowlan
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95818
 Tel 916.341.7760
 Fax 916.341.7767

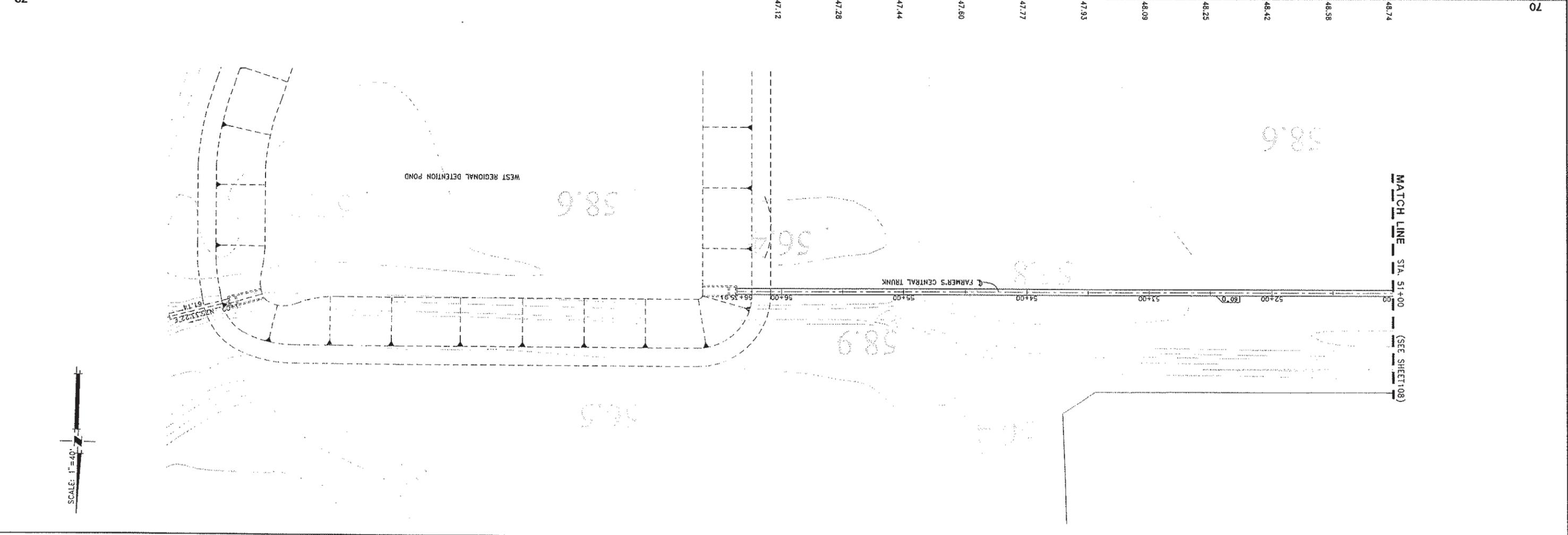
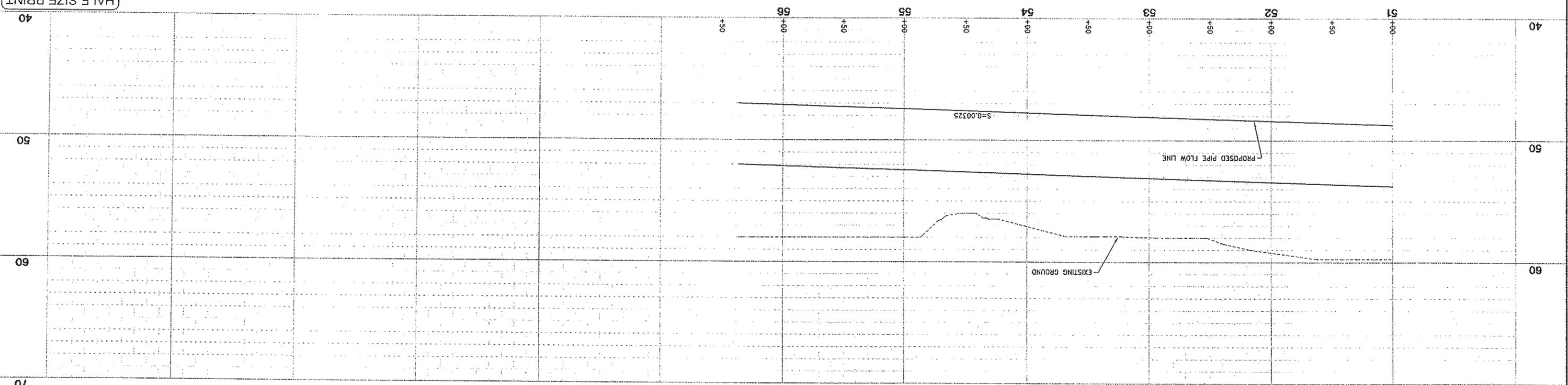
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 DATE: _____
 REGISTRATION EXP. P.E. _____
 BY: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 FARMER'S CENTRAL TRUNK PLAN AND PROFILE
 STA 51+00 TO END

SCALE: 1"=40'
 HORIZ. SCALE: 1"=40'
 VERT. SCALE: 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 109
 OF 136



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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. MOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B TEL 916.341.7750
 SACRAMENTO, CA 95816 FAX 916.341.7737

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
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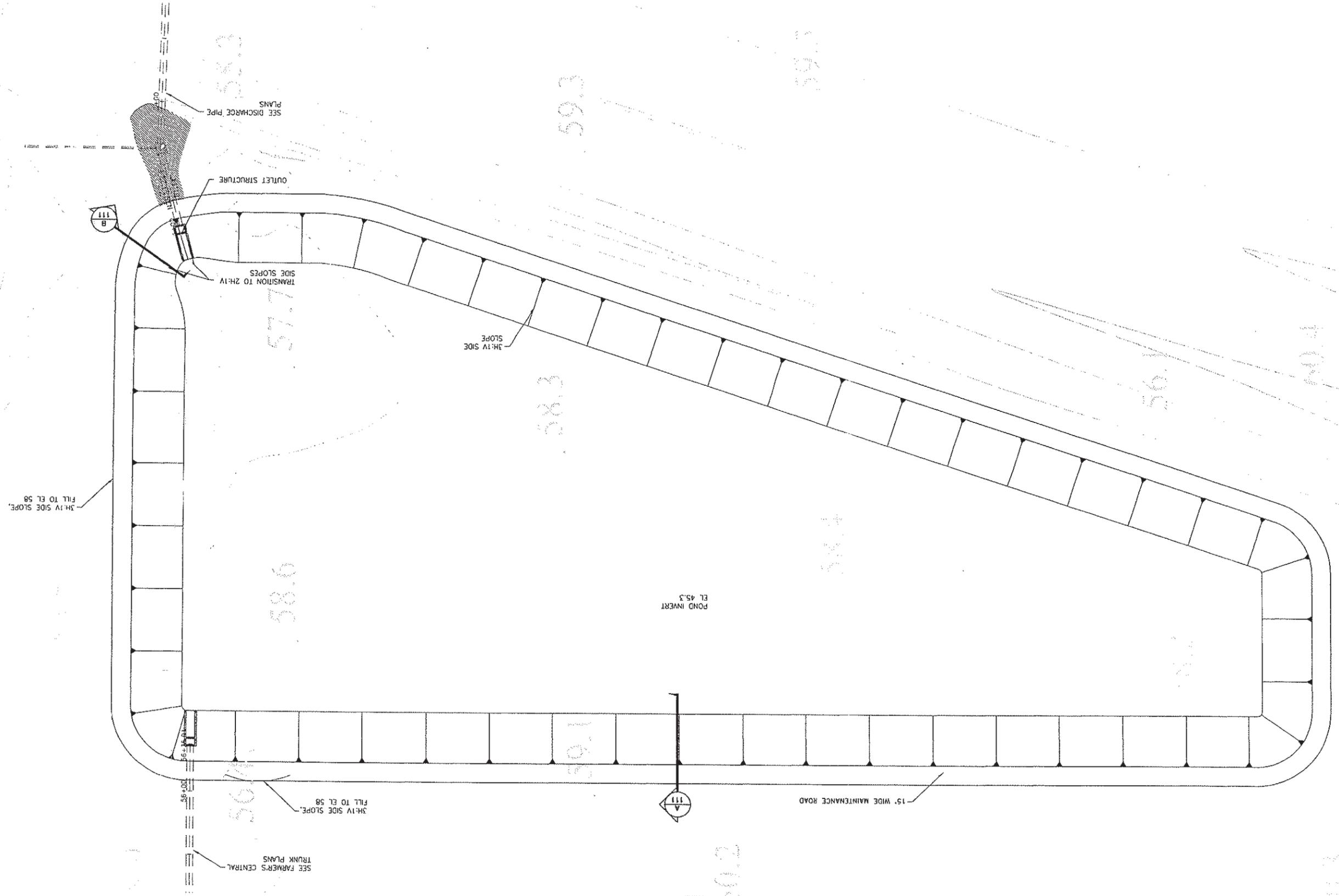
CITY OF WOODLAND
 RECOMMENDED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 NAME: _____
 DICK BONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 WEST REGIONAL DETENTION POND
 SITE PLAN

SCALE: _____
 SHEET NO. _____
 OF _____
 PROJECT NO. 8164.004
 DATE: February 2006
 110
 136

HALF-SIZE PRINT



DESIGNED BY	J. PITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B SACRAMENTO, CA 95818
 TEL 916.941.7700 FAX 916.941.7797

PROJECT ENGINEER'S SIGNATURE _____
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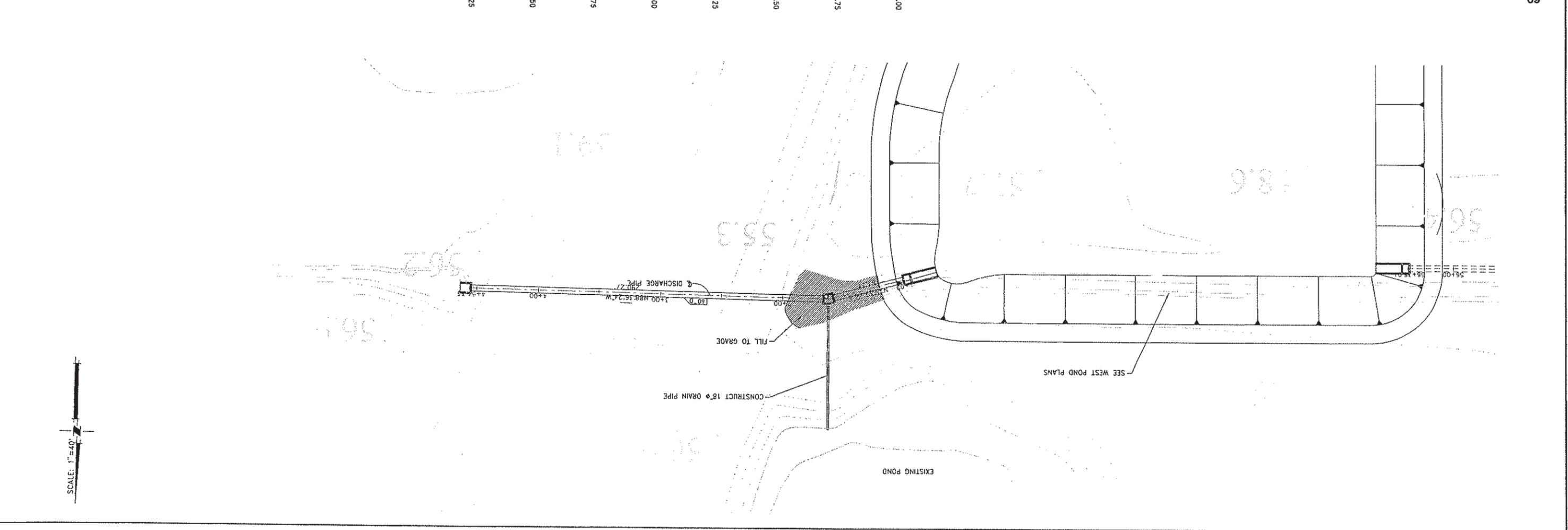
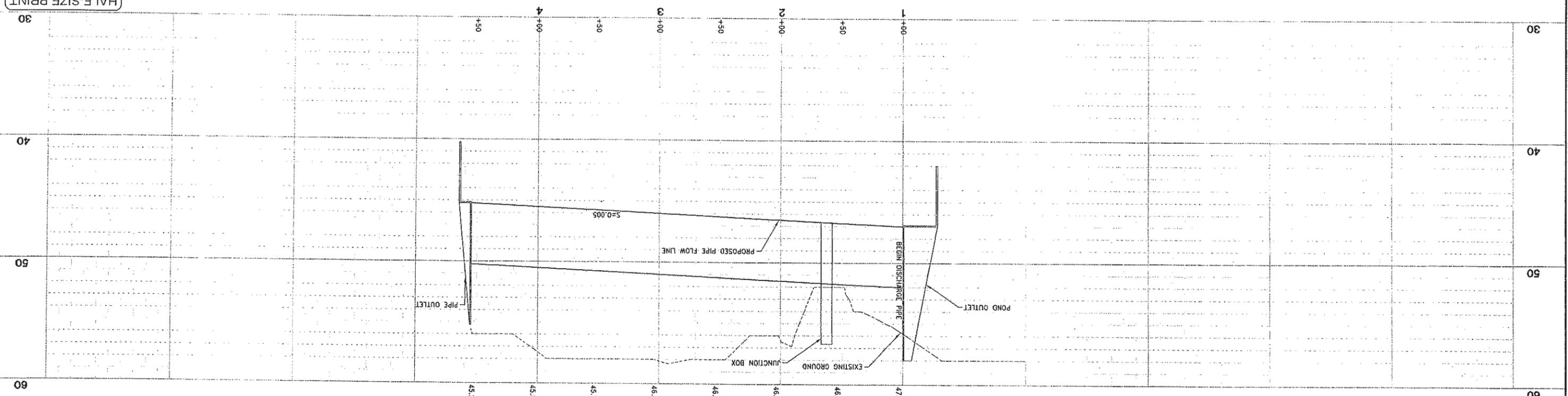
CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 WEST REGIONAL DETENTION POND
 DISCHARGE PIPE PLAN AND PROFILE
 STA 1+00 TO END

SCALE: 1"=40'
 HORIZ. SCALE: 1"=40'
 VERT. SCALE: 1"=4'
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 111 OF 136



SCALE: 1"=40'

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SHEET NO. 112 OF 136
 SCALE: AS SHOWN
 HORIZ. AS SHOWN
 VERT. AS SHOWN
 DATE: February 2006
 PROJECT NO. 8164.004

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 WEST REGIONAL DETENTION POND
 TYPICAL SECTIONS

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 861-5961

CITY OF WOODLAND
 RECOMMENDED BY: _____ DATE: _____
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 APPROVED BY: _____ DATE: _____
 DICK BONNELLY

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 3301 C ST. Bldg. 100-B Sacramento, CA 95818
 Tel 916.341.7780 Fax 916.341.7787

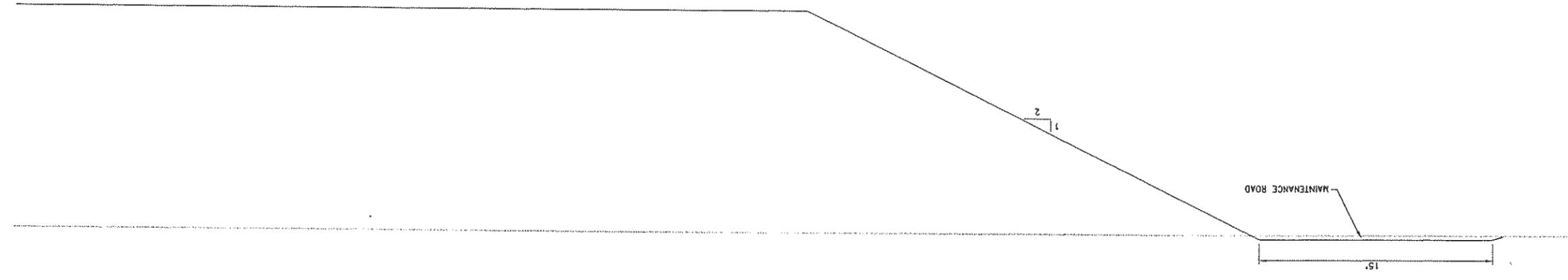
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 DATE: _____
 BY: _____ DATE: _____
 APPR. DATE: _____

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

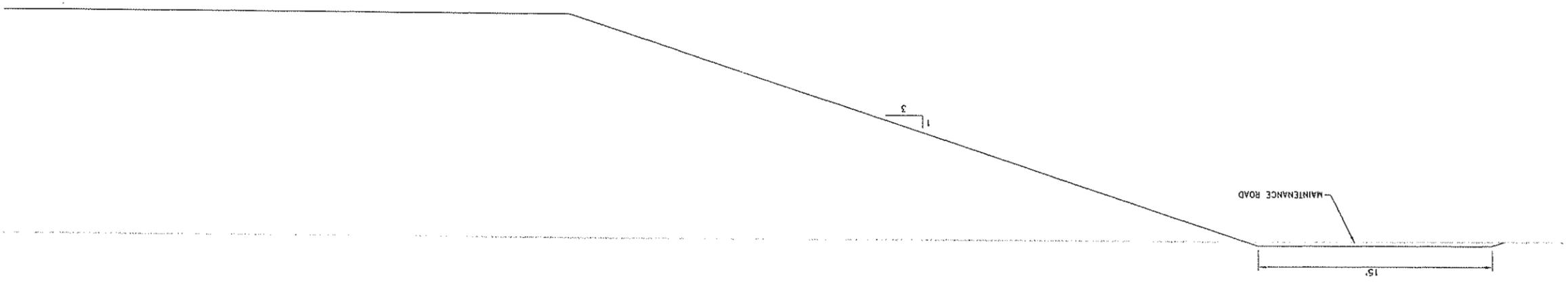
HALF-SIZE PRINT

TYPICAL SECTIONS
SCALE: 1"=4'

SECTION 109 B



SECTION 109 A



I:\data\112\112-City\Woodland\112-City\112-City\112-City.dwg 2/26/06 5:44pm lard

DESIGNED BY	J. FRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

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 Sacramento, CA 95818
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 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE _____
 BY: _____
 DATE: _____
 REGISTRATION EXP.: _____
 P.E. _____

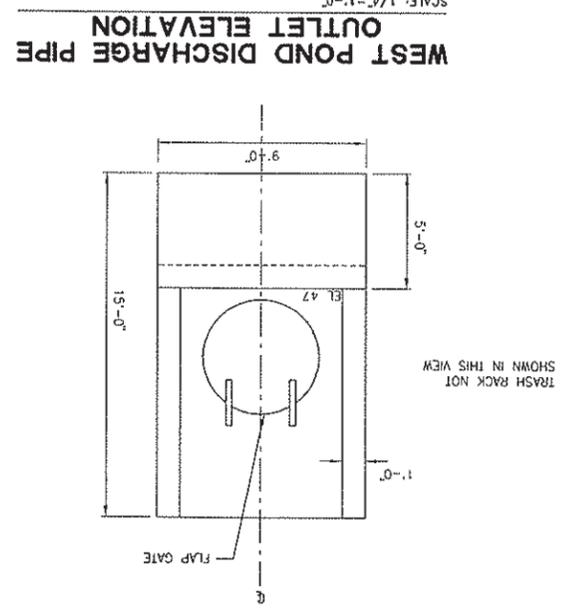
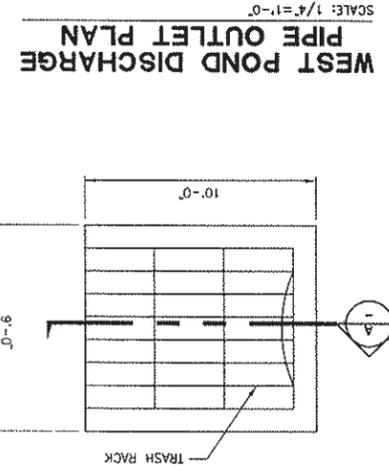
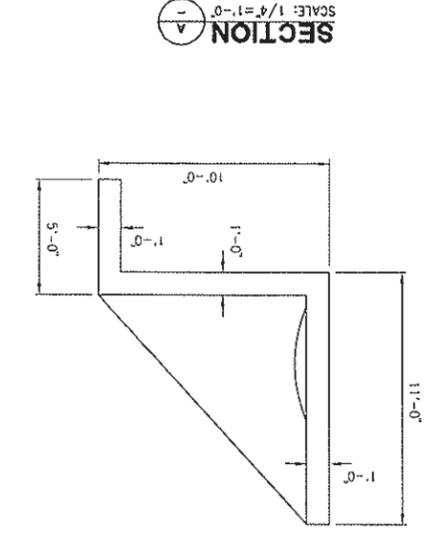
CITY OF WOODLAND
 RECOMMENDED BY: _____
 DATE: _____
 APPROVED BY: _____
 DATE: _____
 NAME: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

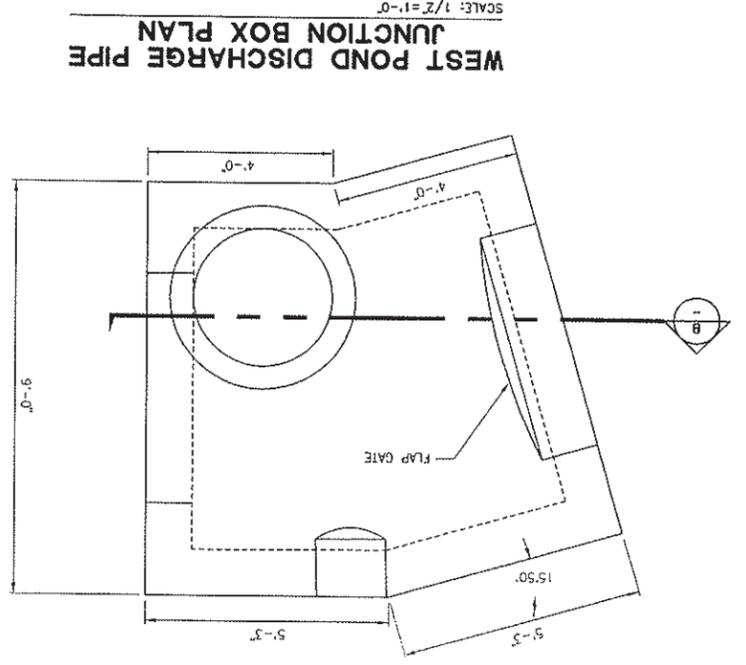
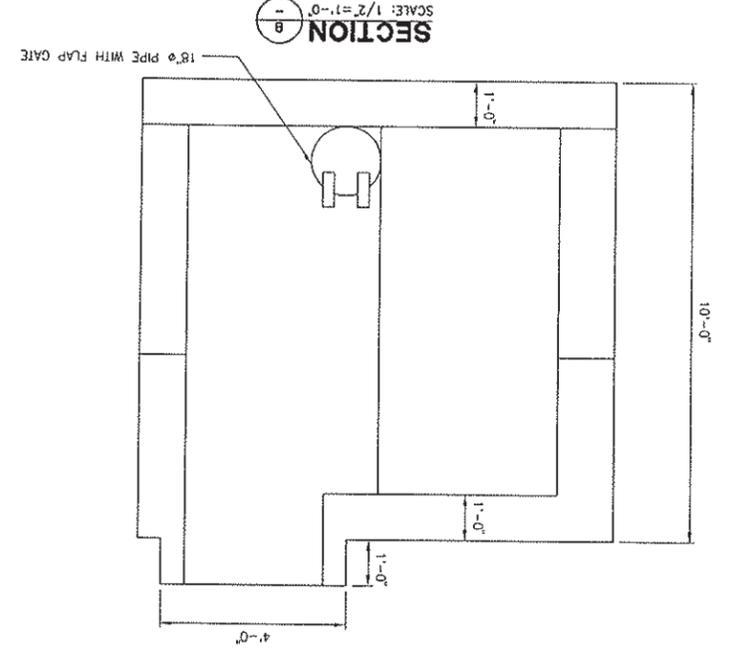
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 WEST REGIONAL DETENTION POND
 STRUCTURAL DETAILS
 SHEET 2

SCALE: _____
 SHEET NO. 114
 OF 136
 PROJECT NO. B164.004
 DATE: February 2006

SCALE: _____
 SHEET NO. 114
 OF 136



TRASH RACK NOT SHOWN IN THIS VIEW



HALF-SIZE PRINT

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DESIGNED BY	J. PRITCHARD
DRAWN BY	LCURD
REVIEWED BY	M. MOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B Sacramento, CA 95816
 Tel: 916.341.7780 Fax: 916.341.7707

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
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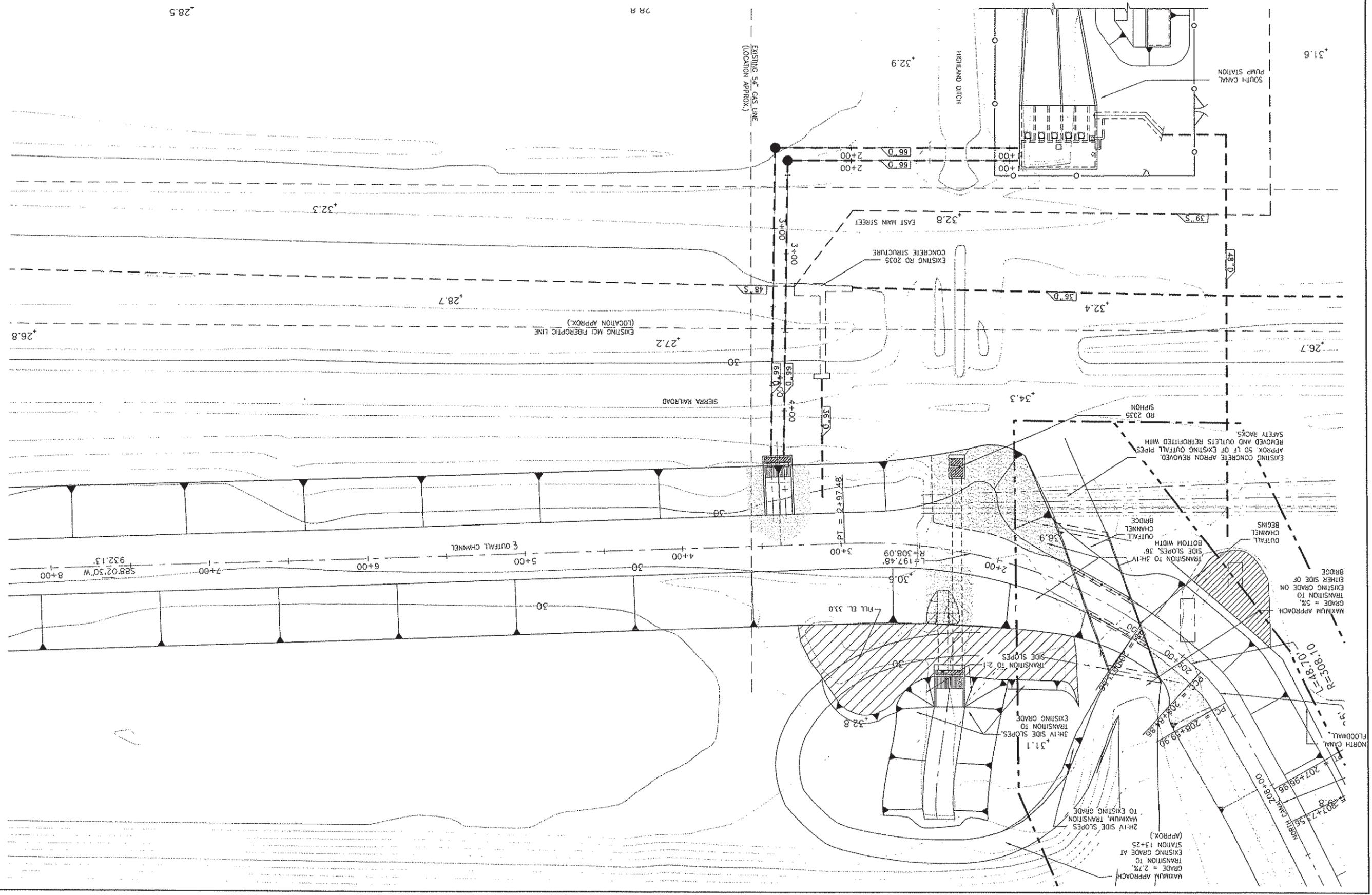
CITY OF WOODLAND
 RECOMMENDED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK BONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 861-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTH CANAL PUMP STATION
 OUTFALL CHANNEL HEADWORKS
 SITE PLAN

SCALE: _____
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

115 OF 136 SHEET NO.



HALF-SIZE PRINT

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DESIGNED BY	J. RITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. HOWLAN
FILE:	

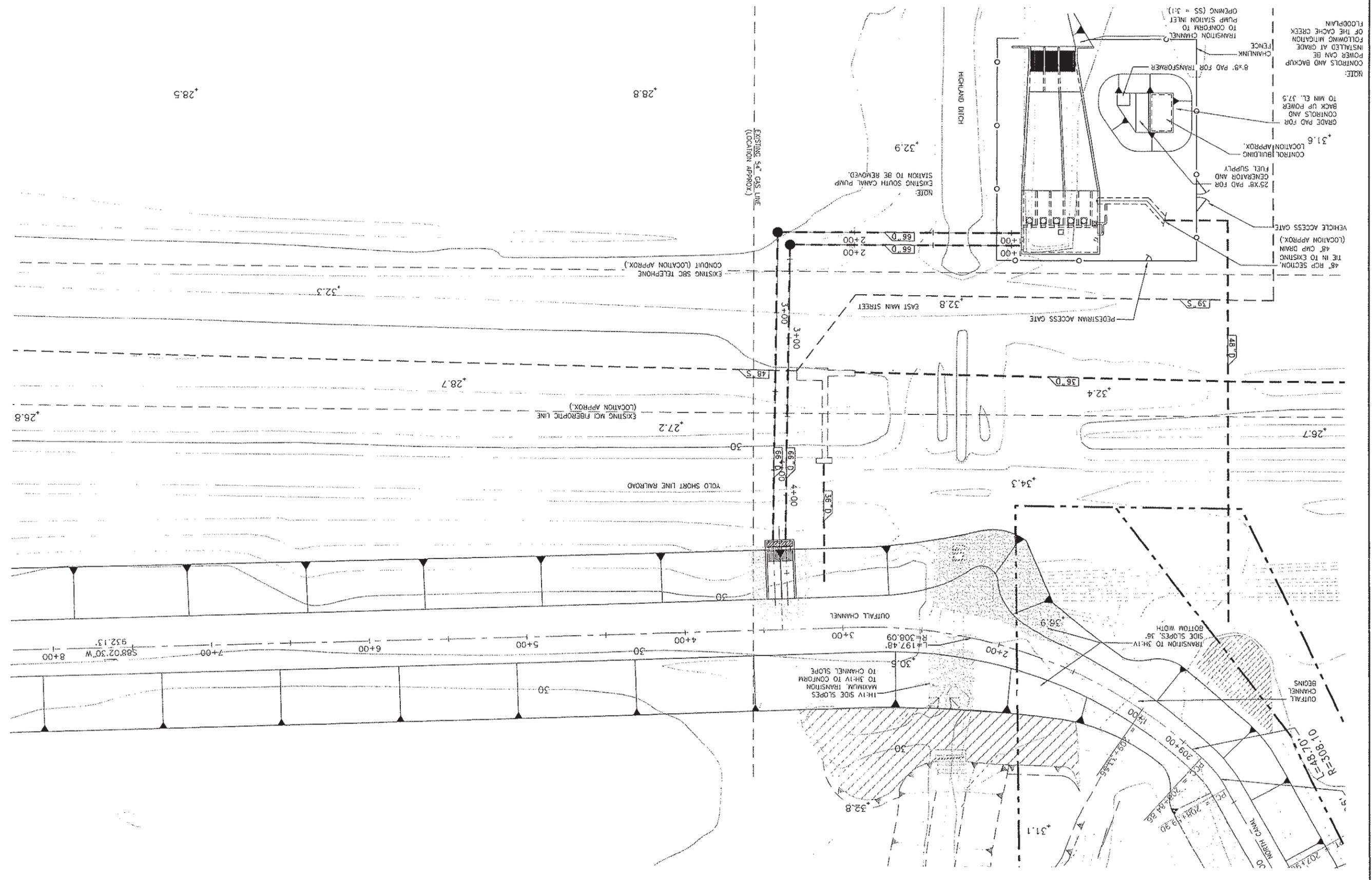
WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B
 Sacramento, CA 95818
 Tel 916.341.7760
 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 PROJECT REGISTRATION EXP. P.E.
 DATE: _____
 BY: _____
 CITY OF WOODLAND
 RECOMMENDED BY: _____
 DATE: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTH CANAL PUMP STATION
 SITE PLAN

SCALE: _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 116 OF 136

HALF-SIZE PRINT



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DESIGNED BY	
DRAWN BY	
LCURD	
REVIEWED BY	
FILE:	

WOOD RODGERS
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 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95816
 TEL 916.341.7700
 FAX 916.341.7707

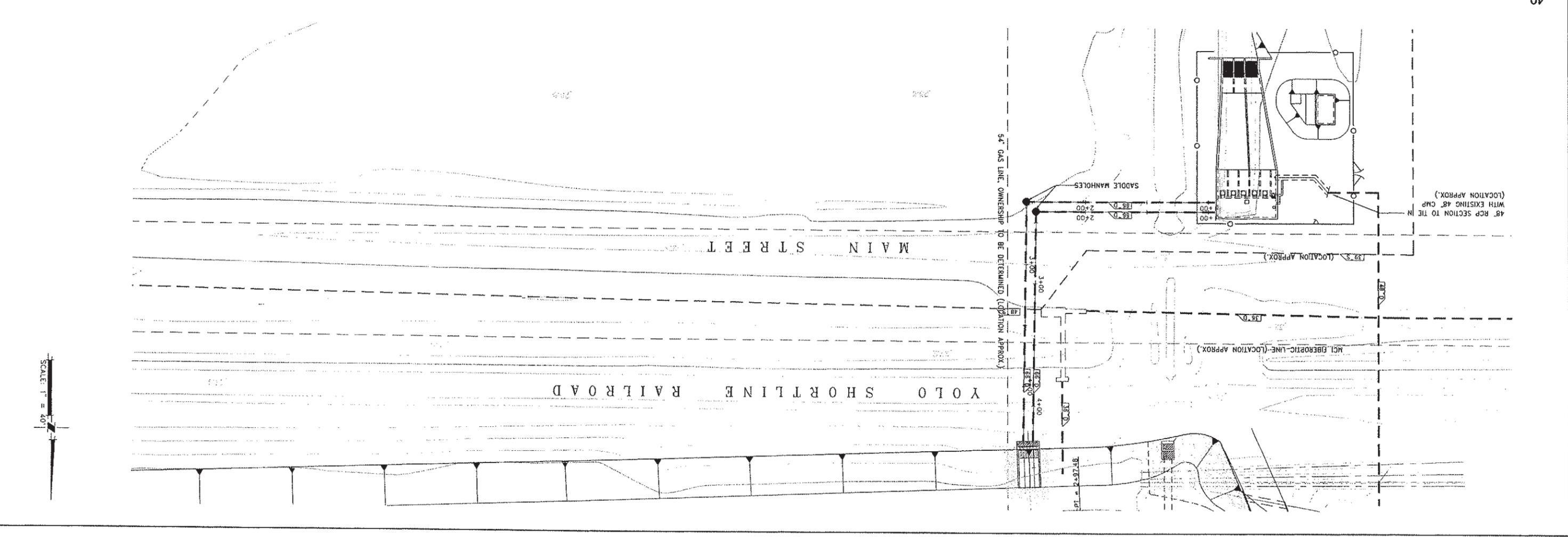
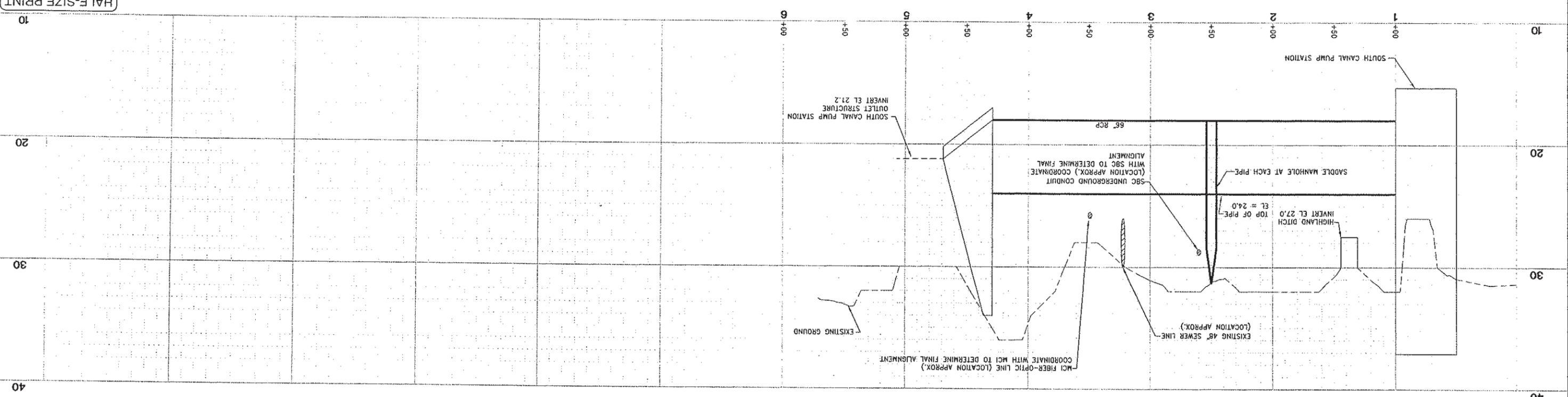
PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5984

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTH CANAL PUMP STATION
 OUTLET PIPE PLAN AND PROFILE

SCALE: 1"=40'
 SHEET NO. 117 OF 136
 PROJECT NO. 8164.004
 DATE: February 2006



I:\s03\117-City of Woodland\8164-004-Storm Drainage\SC_PumpStation-imp\Civil\Drawings\117-PP01-SC-04.dwg 2/05/06 5:49pm icurd

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CORD
REVIEWED BY	M. NOWLAN
FILE:	

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 3301 C St. Bldg. 100-B
 Sacramento, CA 95818
 Tel 916.341.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 NAME: _____
 DICK DONNELLY

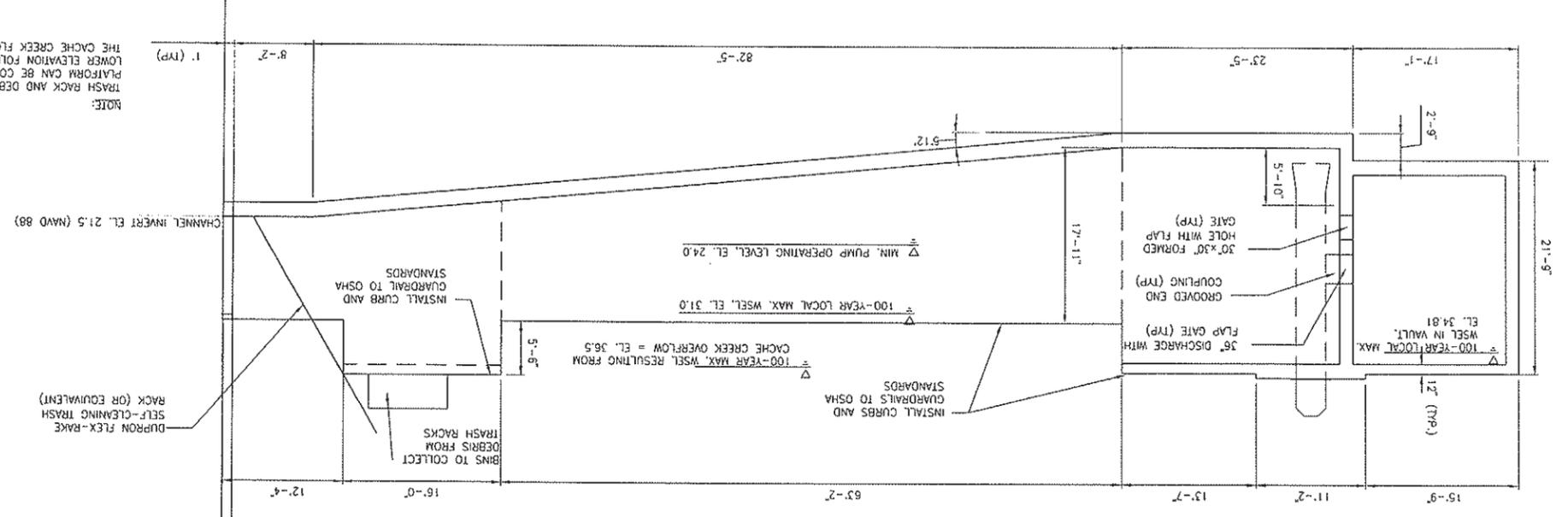
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTH CANAL PUMP STATION
 PLAN AND SECTIONS

PROJECT NO. 8164.004
 DATE: February 2006
 VERT. _____
 HORIZ. _____
 SCALE: _____

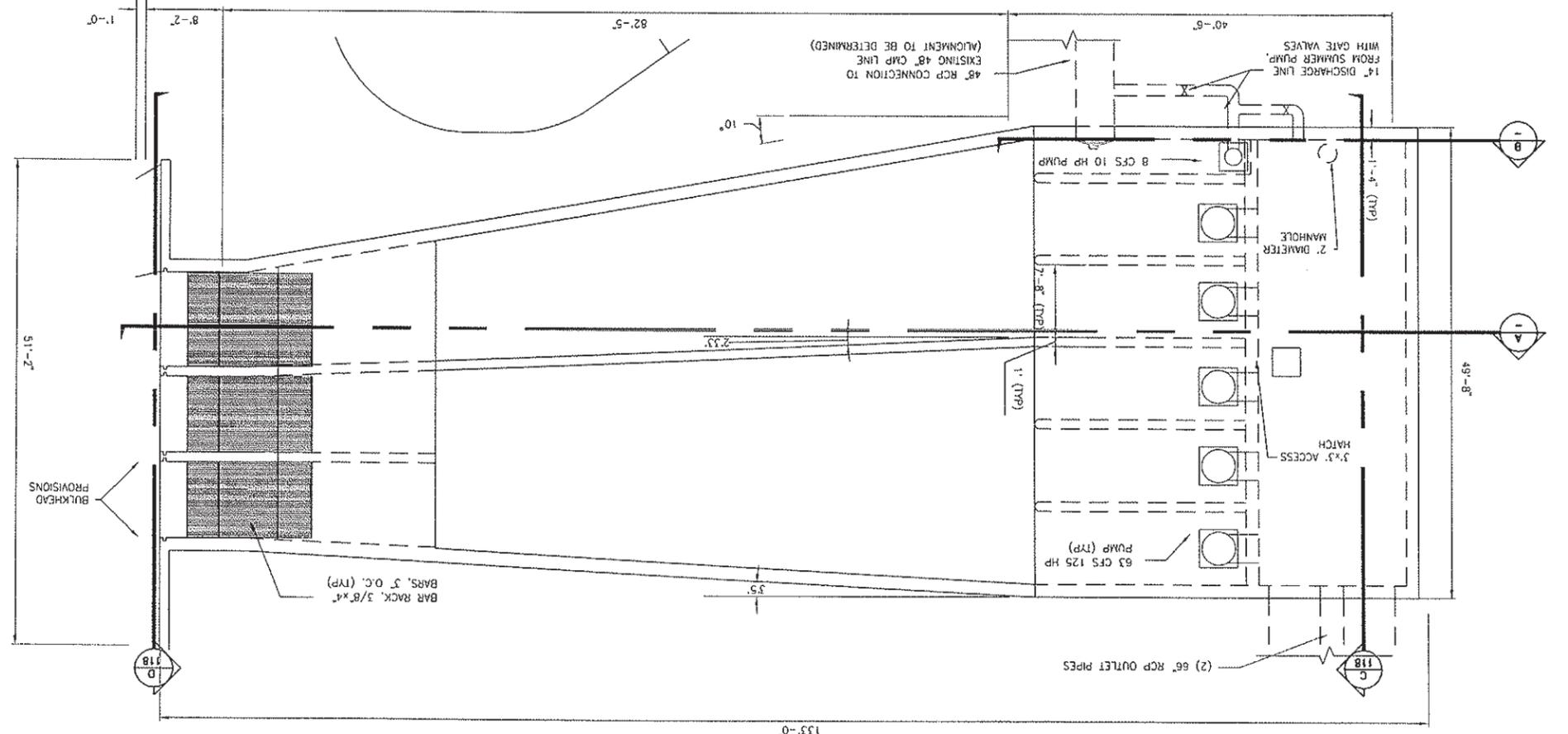
SHEET NO. 118 OF 136

SECTION
 SCALE: 1/8"=1'-0"

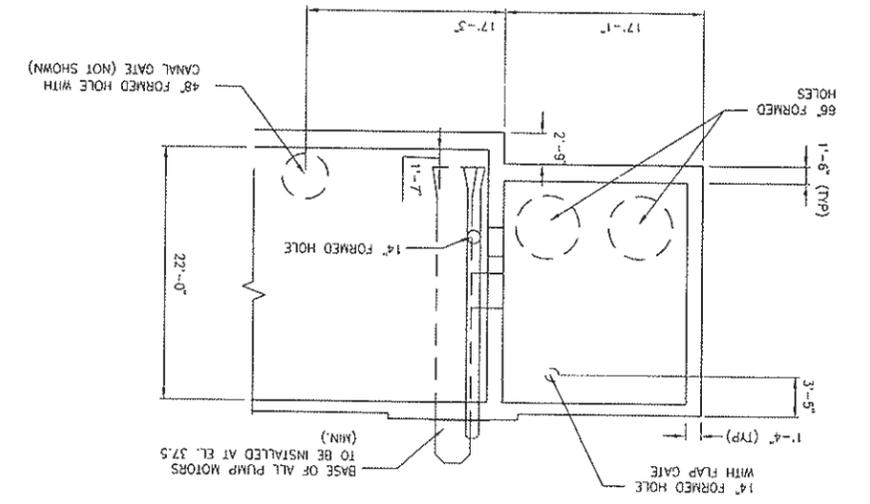


NOTE:
 TRASH RACK AND DEBRIS COLLECTION PLATFORM CAN BE CONSTRUCTED AT A LOWER ELEVATION FOLLOWING MITIGATION OF THE CACHE CREEK FLOODPLAIN.

PLAN
 SCALE: 1/8"=1'-0"



SECTION
 SCALE: 1/8"=1'-0"



HALF-SIZE PRINT

J:\Users\Bishr\Documents\8164.004-587.dwg, Scanned by: jpritchard, Date: 2/05/06, 5:56pm, 104

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

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 3301 C St. Bldg. 100-B Sacramento, CA 95818
 Tel 916.241.7760 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE _____
 DATE: _____ P.E. _____
 REGISTRATION EXP.: _____

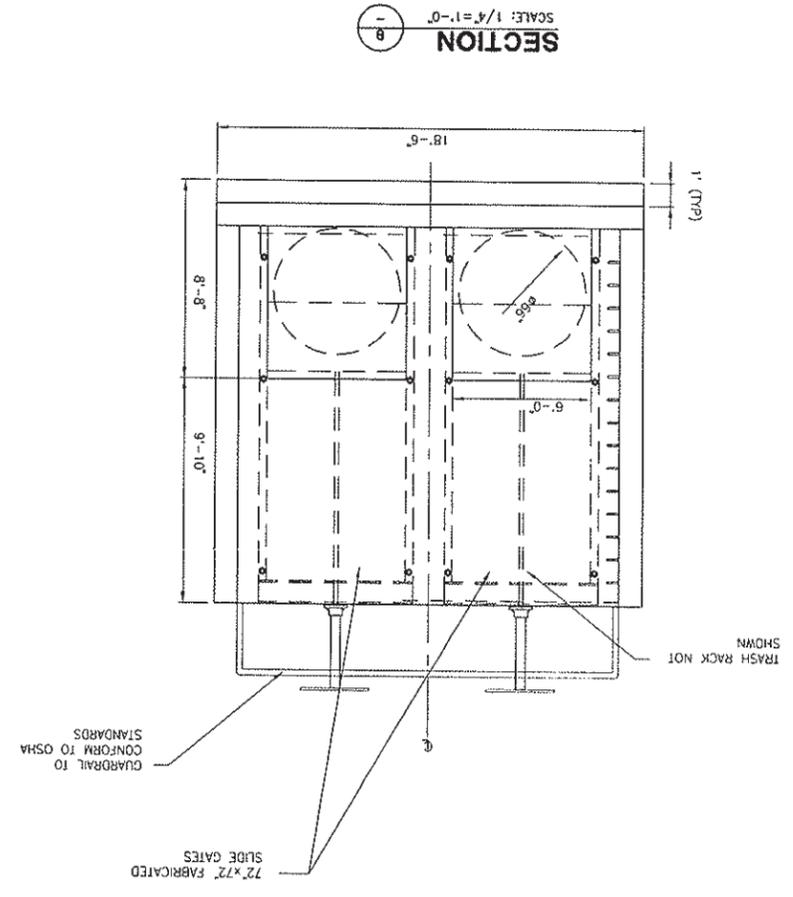
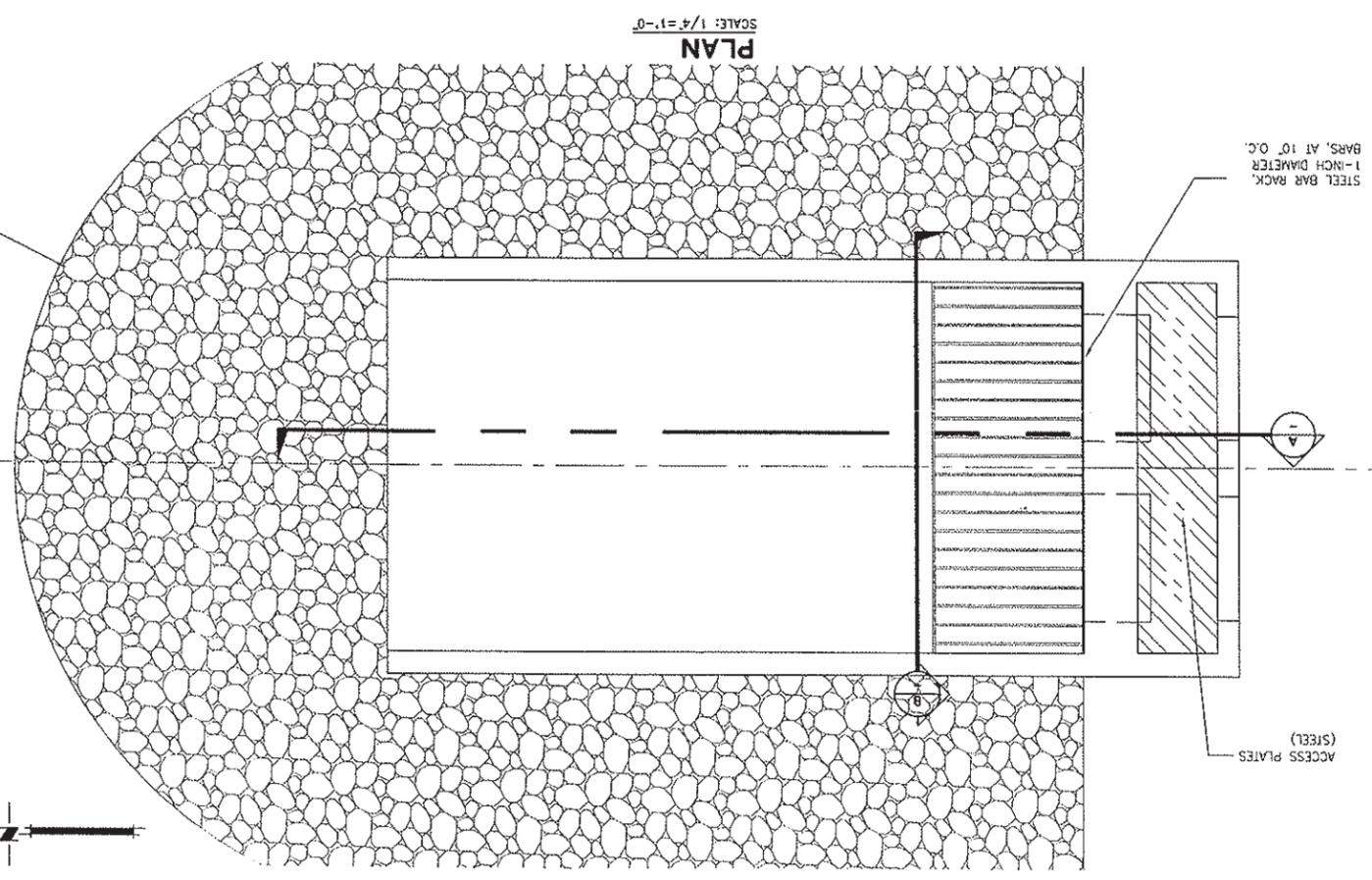
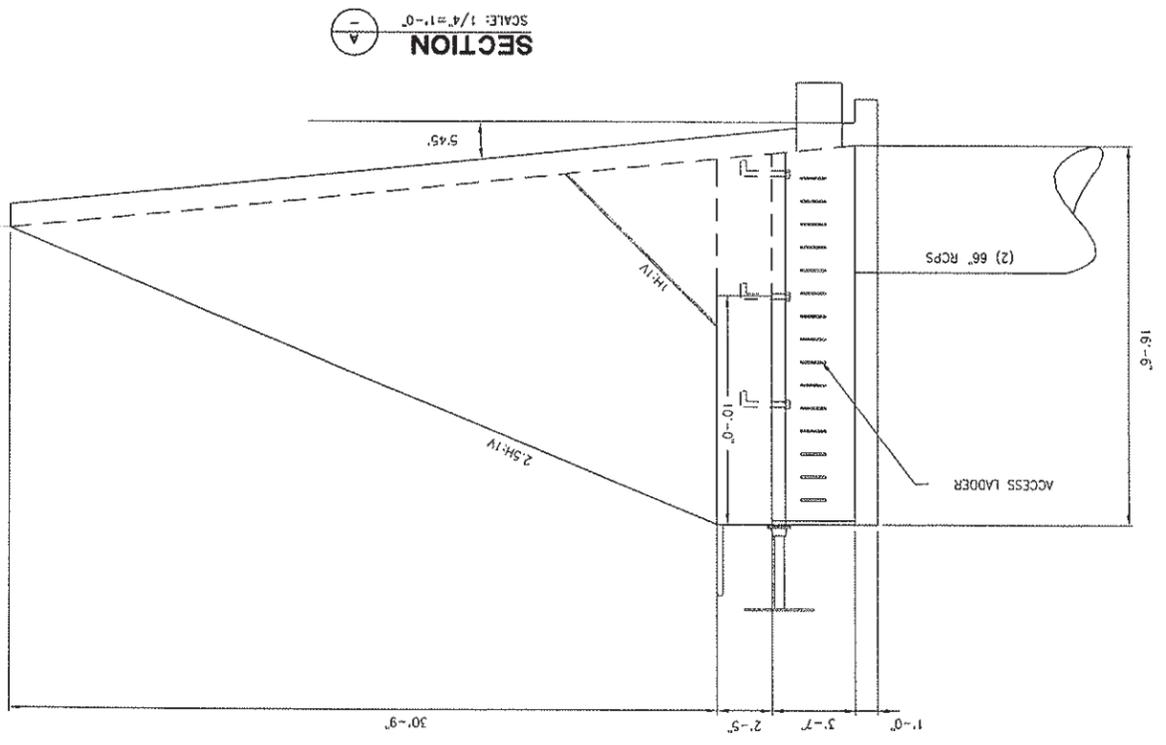
CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTH CANAL PUMP STATION
 OUTLET STRUCTURE
 PLAN AND SECTIONS

SCALE: _____
 SHEET NO. _____
 OF 120
 PROJECT NO. 8164.004
 DATE: February 2006
 VERT. _____
 HORIZ. _____
 SHEET NO. 136

HALF-SIZE PRINT



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DESIGNED BY	J. PRITCHARD
DRAWN BY	LGWD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St, Bldg. 100-B
 Sacramento, CA 95818
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 Fax 916.341.7787

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 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY:
 NAME: _____ DATE: _____
 APPROVED BY: _____ DATE: _____
 DICK DONNELLY

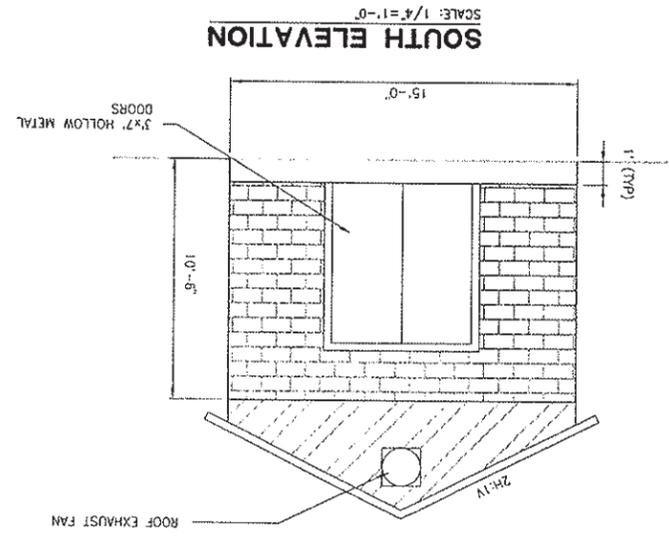
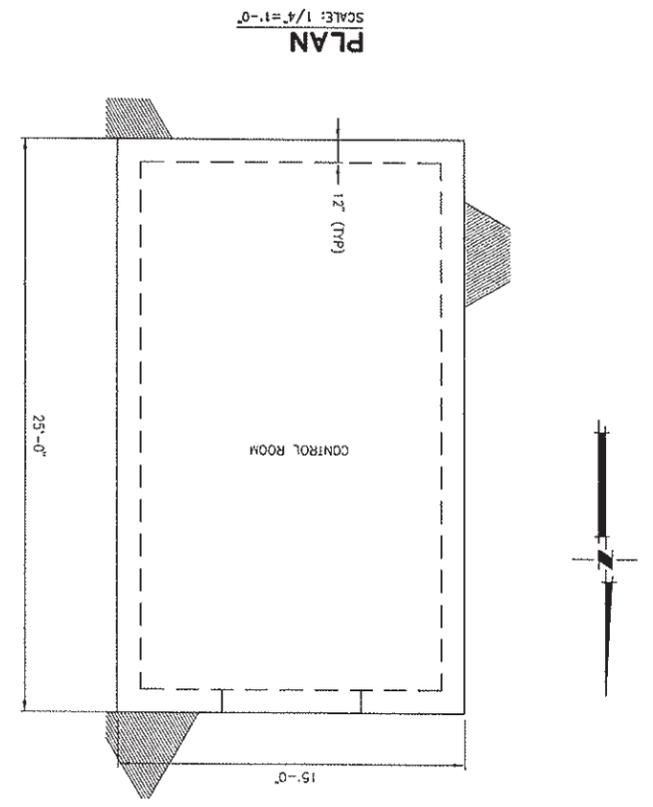
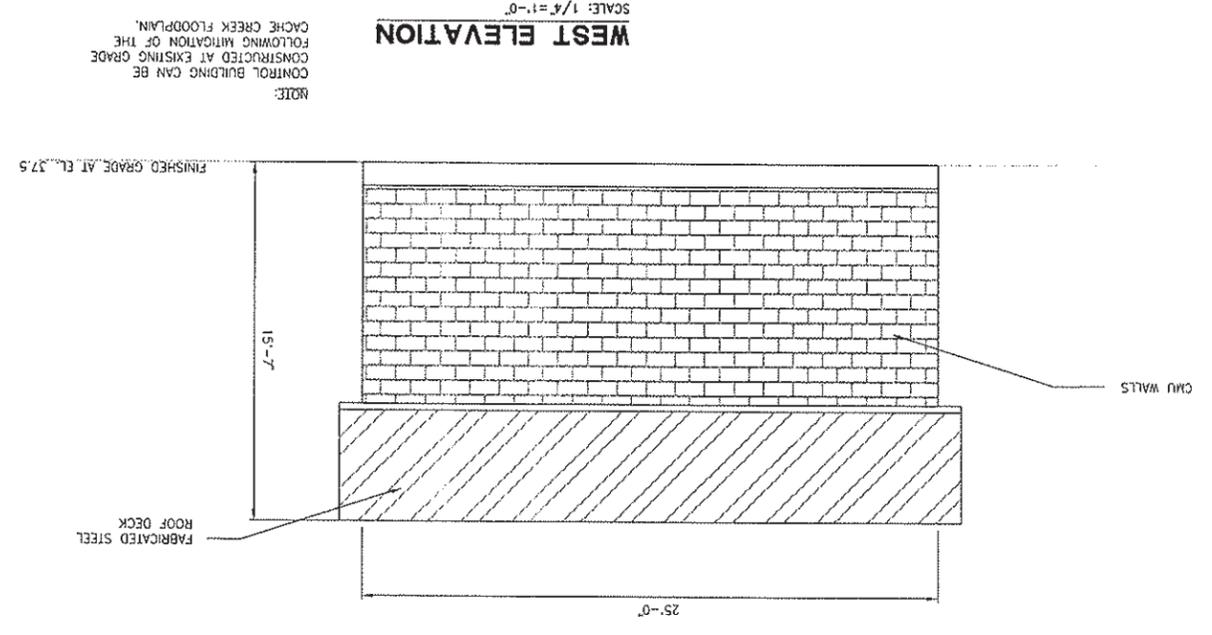
CITY OF WOODLAND
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 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 SOUTH CANAL PUMP STATION
 CONTROL BUILDING
 PLAN AND ELEVATIONS

SCALE: _____
 HORIZ. _____
 VERT. _____
 DATE: February 2006
 PROJECT NO. 8164.004

SHEET NO. 121 OF 136

HALF-SIZE PRINT



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DESIGNED BY
L. PRITCHARD
DRAWN BY
L. CORD
REVIEWED BY
M. NOWLAN
FILE:

REVISIONS	
NO.	DESCRIPTION
BY	DATE
APPR.	DATE

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DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C ST. BLDG. 100-B
Sacramento, CA 95816
Tel 916.341.7760
Fax 916.341.7767

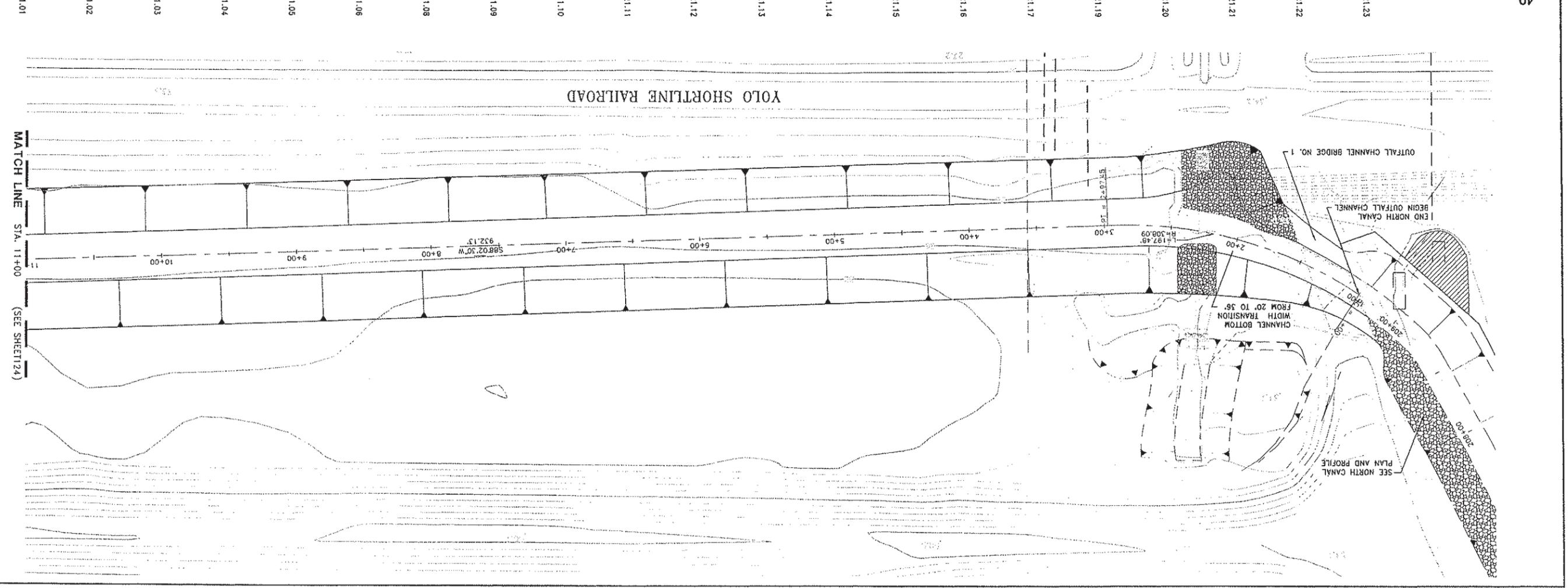
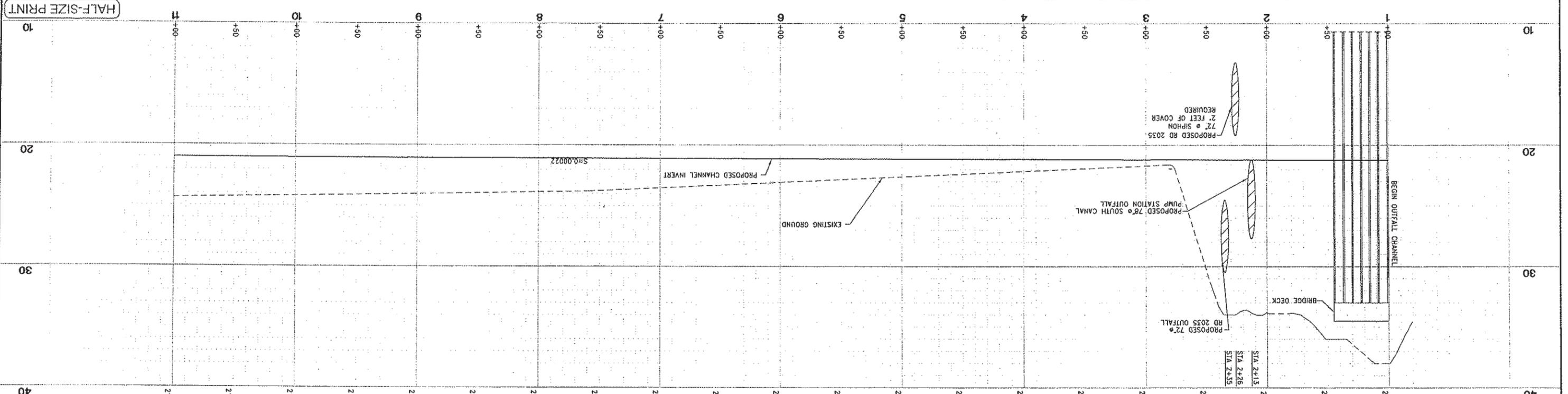
PROJECT ENGINEER'S SIGNATURE
DATE: _____
REGISTRATION EXP.: _____
P.E.

CITY OF WOODLAND
RECOMMENDED BY:
NAME: _____
APPROVED BY: _____
DATE: _____
DICK DONNELLY

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
500 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
OUTFALL CHANNEL PLAN AND PROFILE
STA 1+00 TO 11+00

SCALE: 1" = 40'
HORIZ.
VERT. 1" = 4'
DATE: February 2006
PROJECT NO. B164.004
SHEET NO. 123
OF 136



SCALE: 1" = 40'

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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. GORD
REVIEWED BY	M. NOWLAN
FILE:	

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 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95818
 Tel 916.441.7280
 Fax 916.441.7287

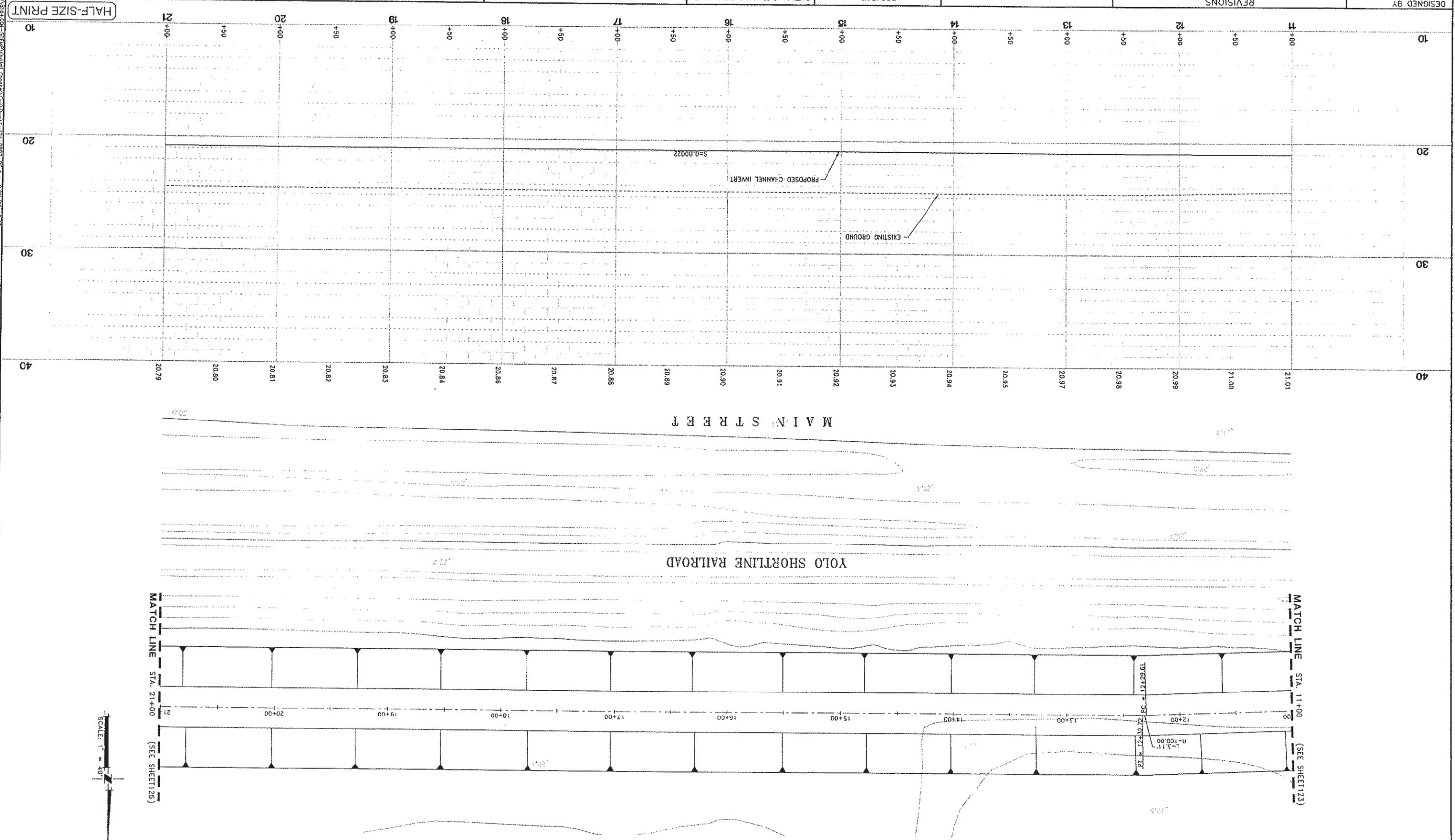
PROJECT ENGINEER'S SIGNATURE
 DATE: _____
 REGISTRATION EXP.: P.E. _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DICK DONNELLY

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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL PLAN AND PROFILE
 STA 11+00 TO 21+00

PROJECT NO. 8164.004
 February 2006
 DATE: _____
 SCALE: 1" = 40'
 SHEET NO. 124 OF 136



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 User: jpritchard
 Date: 5/9/06 10:23:00 AM
 Plot: 5/9/06 10:23:00 AM
 Scale: 1" = 40'
 Sheet: 124 of 136

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

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 3301 C ST. BLDG. 100-B SACRAMENTO, CA 95818
 TEL 916.341.7760 FAX 916.341.7767

PROJECT ENGINEER'S SIGNATURE _____
 DATE: _____ P.E. _____
 REGISTRATION EXP. DATE: _____

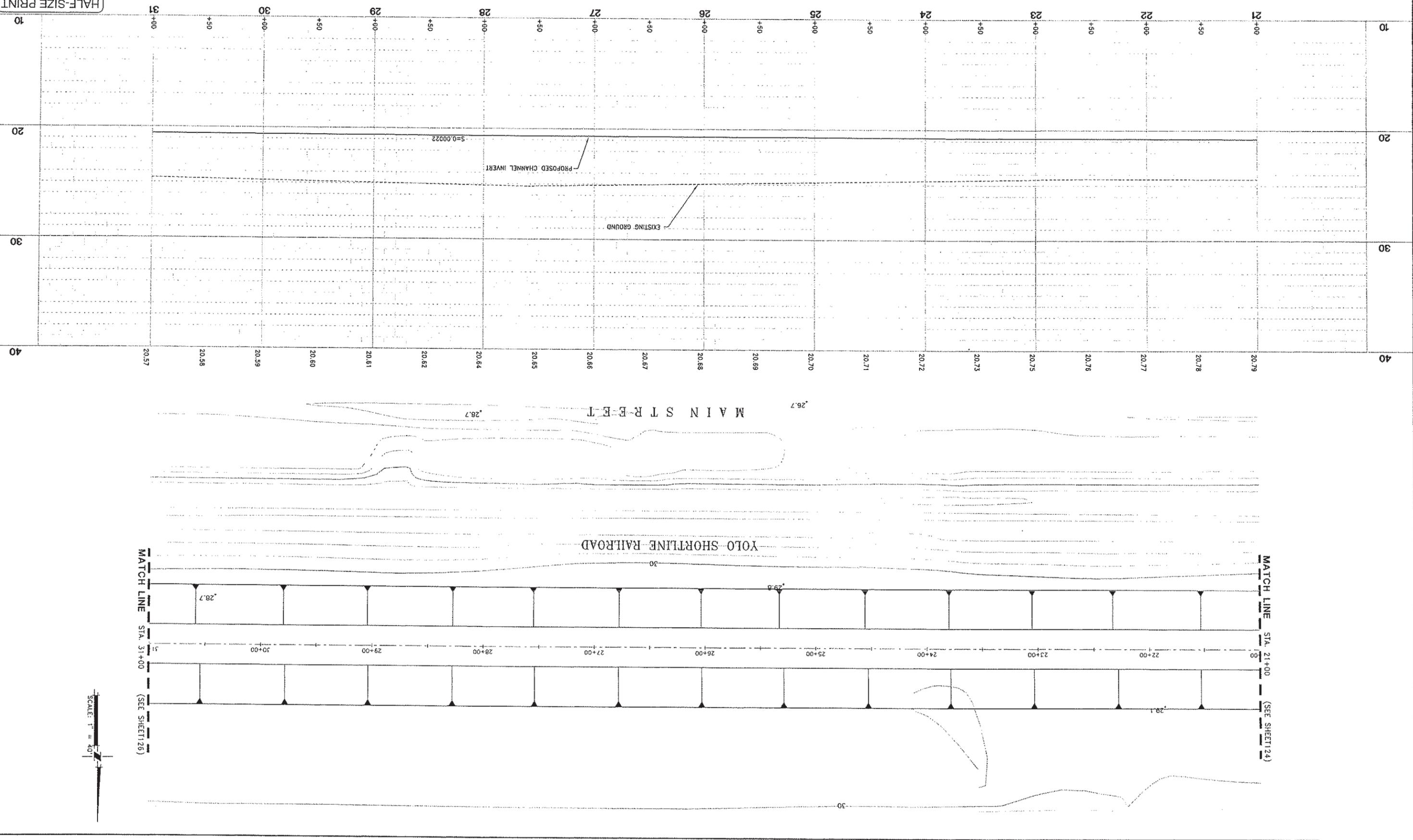
CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DICK DONNELLY

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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL PLAN AND PROFILE
 STA 21+00 TO 31+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004

136 OF 125 SHEET NO.



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DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. HOWLAN
FILE:	

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 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95816
 TEL: 916.341.7700
 FAX: 916.341.7707

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____
 P.E. REGISTRATION EXP.: _____

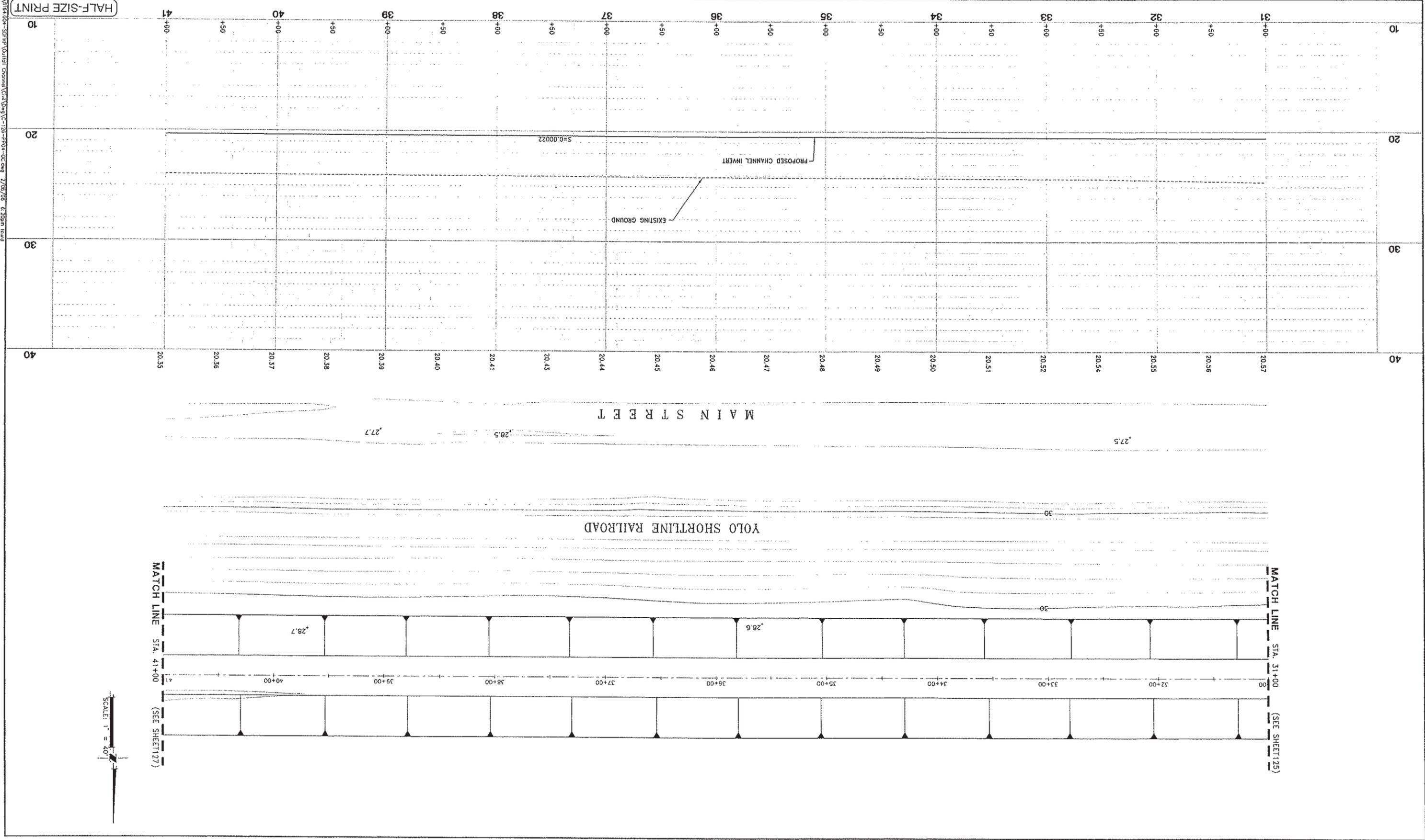
CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 DATE: _____
 APPROVED BY: _____
 DATE: _____
 DICK DONNELLY

CITY OF WOODLAND
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 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL PLAN AND PROFILE
 STA 31+00 TO 41+00

SCALE: 1" = 40'
 HORIZ. 1" = 40'
 VERT. 1" = 4'
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 126 OF 136

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SCALE: 1" = 40'

DESIGNED BY
J. PRITCHARD
DRAWN BY
L. CURD
REVIEWED BY
M. NOWLAN
FILE:

NO.	DESCRIPTION	BY	DATE	APPR.	DATE

WOOD RODGERS
DEVELOPING INNOVATIVE DESIGN SOLUTIONS
3301 C St. Bldg. 100-B Sacramento, CA 95816
Tel 916.341.7780 Fax 916.341.7787

PROJECT ENGINEER'S SIGNATURE
DATE: _____ P.E.
REGISTRATION EXP. DATE: _____

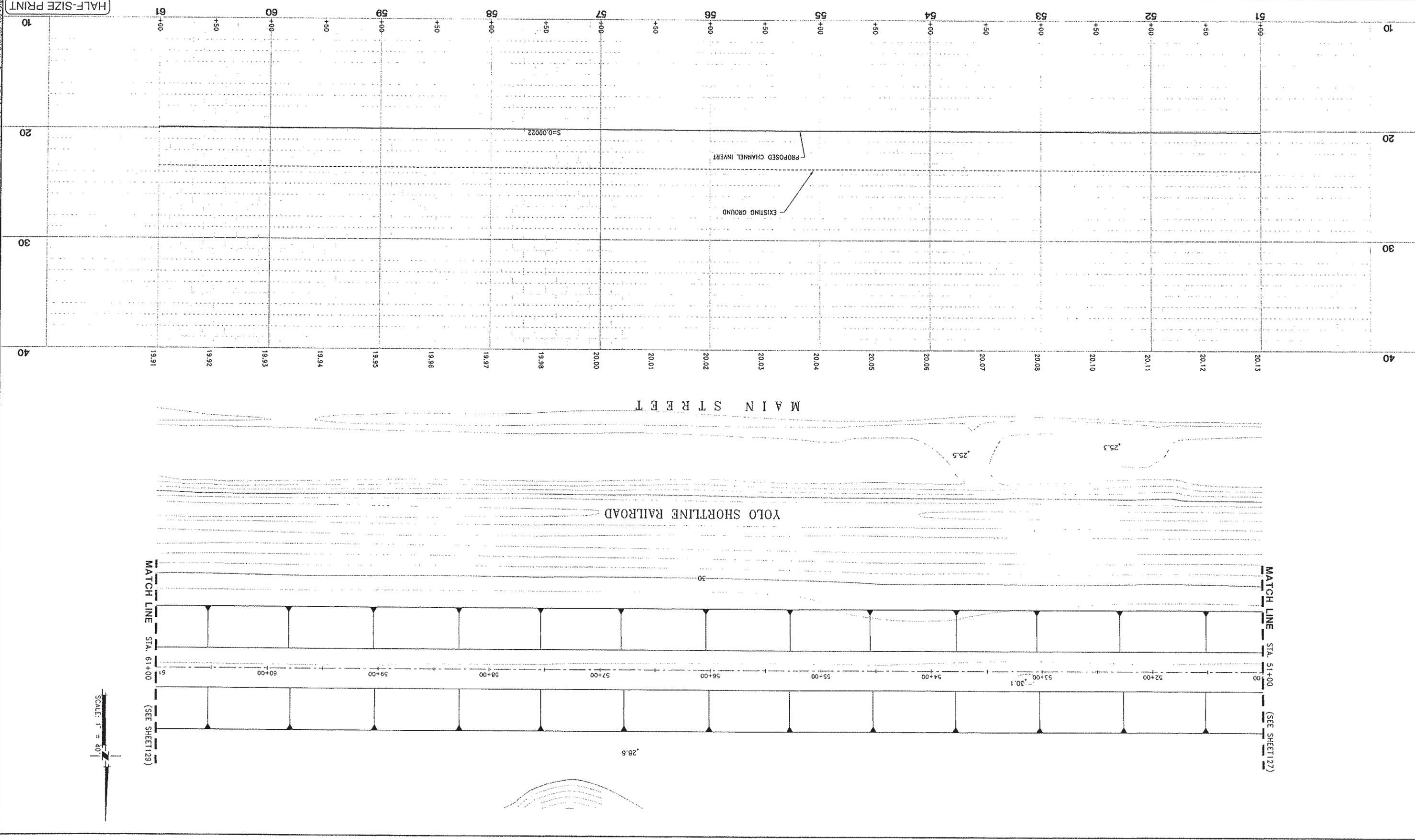
CITY OF WOODLAND
RECOMMENDED BY: _____
NAME: _____
APPROVED BY: _____
DATE: _____
DATE: _____
DICK BONNELLY

CITY OF WOODLAND
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
300 FIRST ST. WOODLAND, CA 95695 (530) 661-5861

CITY OF WOODLAND
STORM DRAINAGE FACILITIES MASTER PLAN
PRELIMINARY ENGINEERING REPORT
OUTFALL CHANNEL PLAN AND PROFILE
STA 51+00 TO 61+00

SCALE: 1"=40'
HORIZ. 1"=40'
VERT. 1"=4'
DATE: February, 2006
PROJECT NO. 8164.004

SHEET NO. 128 OF 136



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 User: jpritchard
 Date: 2/1/06 10:15 AM
 Plot: 2/1/06 10:15 AM
 Scale: 1"=40'
 Sheet: 128 of 136

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROBBERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Blvd. 100-B Sacramento, CA 95818
 Tel 916-341-7780 Fax 916-341-7789

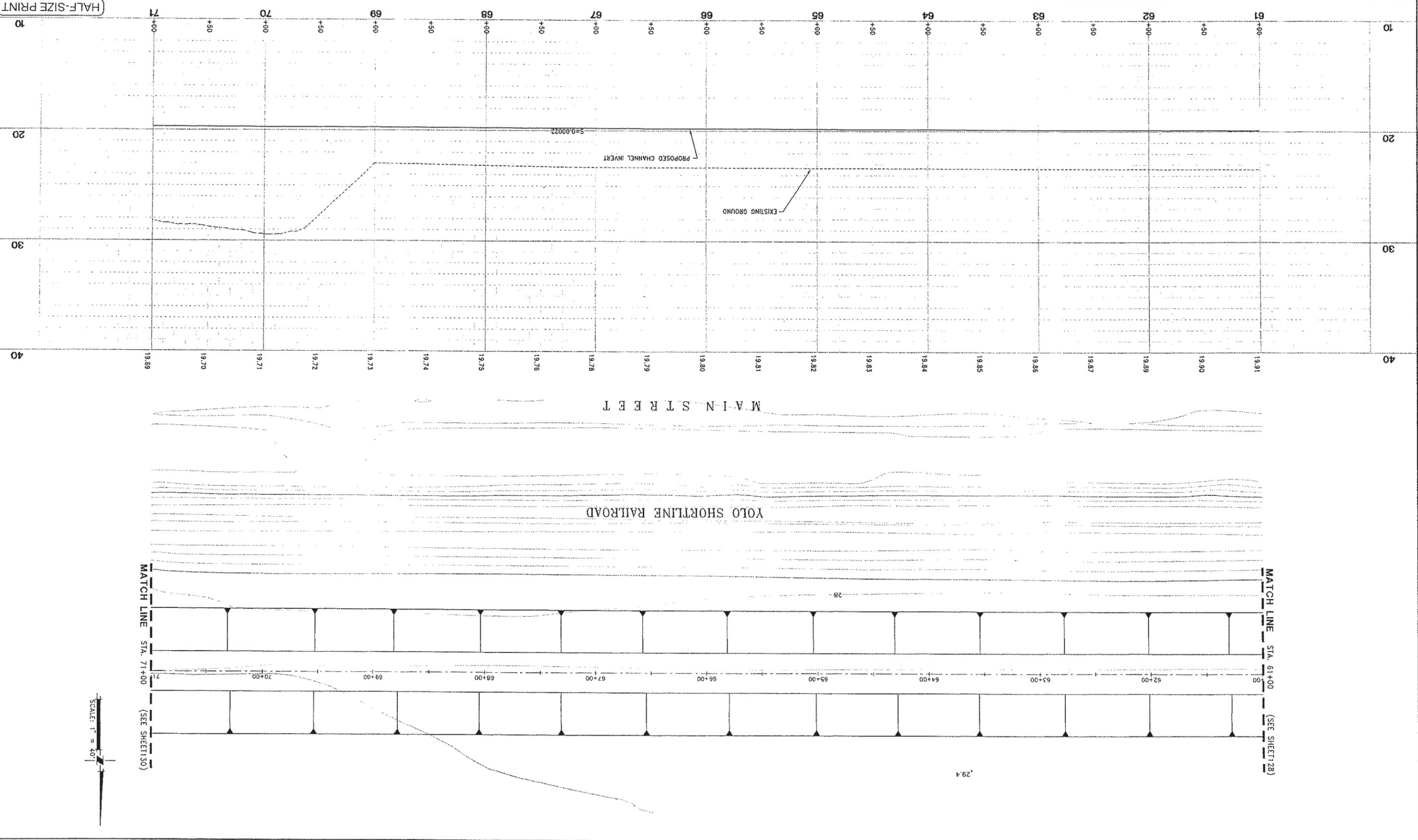
PROJECT ENGINEER'S SIGNATURE _____
 PROJECT ENGINEER'S NAME _____
 P.E. _____
 REGISTRATION EXP. DATE _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
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CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL PLAN AND PROFILE
 STA 61+00 TO 71+00

PROJECT NO. 8164.004
 DATE: February 2006
 SCALE: 1" = 40'
 SHEET NO. 129 OF 136



I:\Users\jpritchard\Documents\8164.004-Storm Drainage\Drawings\Profile\129.dwg 2/06/06 8:17am kwd

DESIGNED BY	J. PITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD ROGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST., BLDG. 100-B
 SACRAMENTO, CA 95816
 TEL 916.341.7750
 FAX 916.341.7757

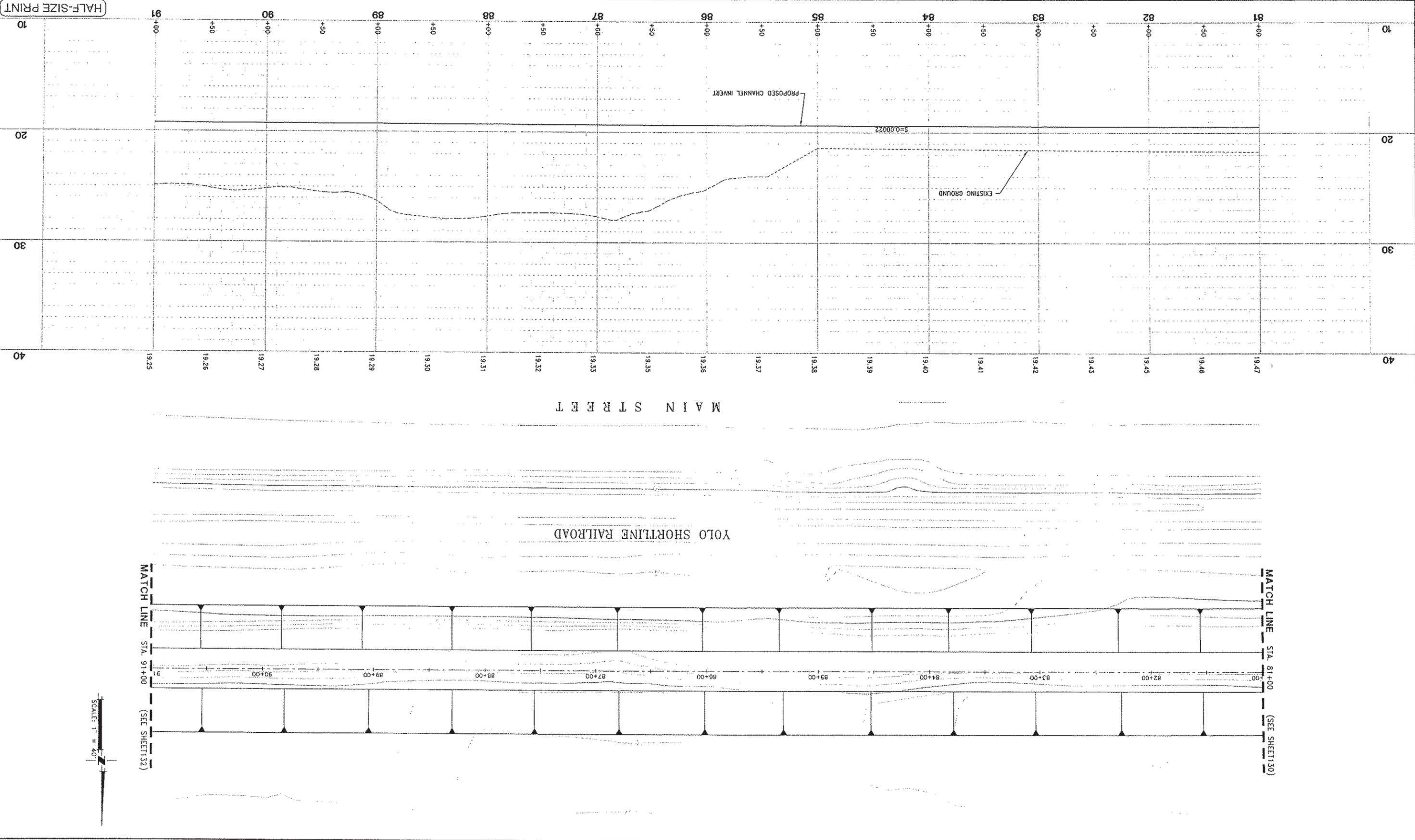
PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DATE: _____
 DATE: _____
 BICK DONNELLY

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST., WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL PLAN AND PROFILE
 STA 81+00 TO 91+00

PROJECT NO. 8164.004
 DATE: February 2006
 SCALE: 1"=40'
 SHEET NO. 131
 OF 136



I:\proj\8164-004\8164-004.dwg 2/06/06 8:11pm lcurd

DESIGNED BY J. PRITCHARD	NO.	DESCRIPTION	BY	DATE	APPR.	DATE
DRAWN BY						
LCURD						
REVIEWED BY M. MOWLAN						
FILE:						

WOOD RODGERS DEVELOPING INNOVATIVE DESIGN SOLUTIONS 3301 C ST. BLDG. 100-B Sacramento, CA 95816 Tel 916.341.7780 Fax 916.341.7707	BY: P.E. REGISTRATION EXP.:	DATE: DATE:
	ENGINEER'S SIGNATURE	PROJECT

CITY OF WOODLAND RECOMMENDED BY:	NAME	DATE
APPROVED BY:	DICK DONNELLY	DATE

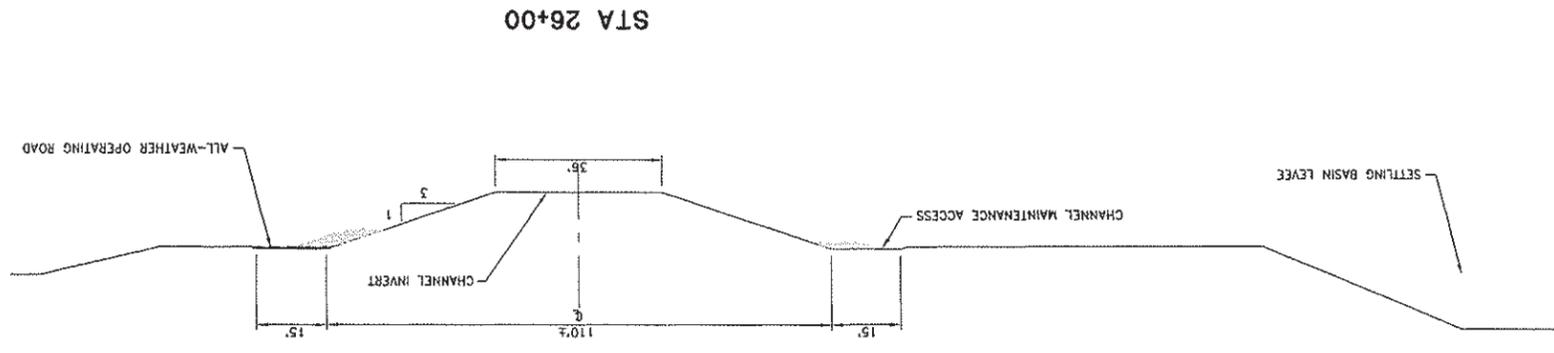
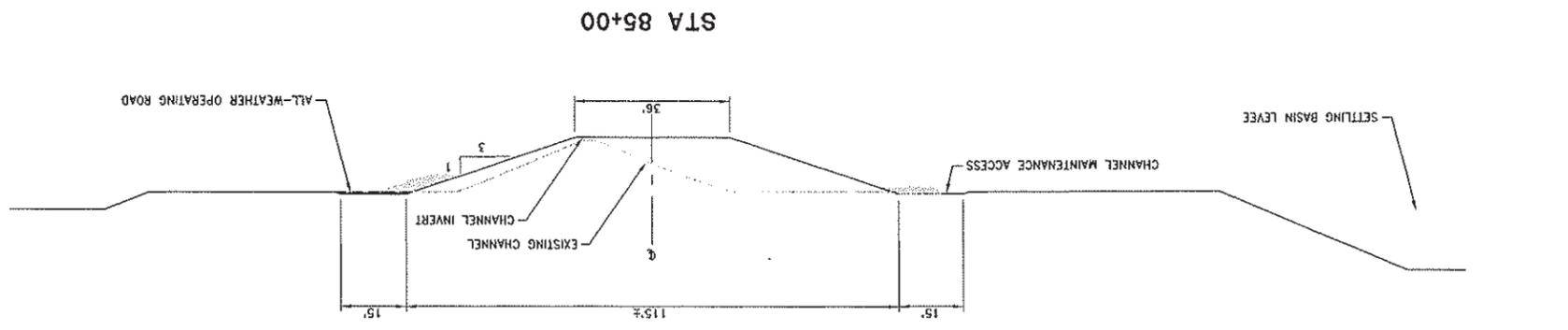
CITY OF WOODLAND PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION	300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961
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CITY OF WOODLAND STORM DRAINAGE FACILITIES MASTER PLAN PRELIMINARY ENGINEERING REPORT OUTFALL CHANNEL TYPICAL CROSS SECTIONS
--

SCALE: N/A	HORIZ. 1"=20'	VERT. 1"=20'	DATE: February 2006	PROJECT NO. 8164.004
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HALF-SIZE PRINT

TYPICAL CHANNEL SECTIONS
SCALE: 1"=20'



NOTE:
EXISTING CHANNEL SECTION BELOW WATERLINE
IS ASSUMED DUE TO SURVEY LIMITATION.

S:\2005\8164-CrossSection\8164-001-507.dwg Date: 2/13/06 10:09 AM 134 of 136

DESIGNED BY	J. PRITCHARD
DRAWN BY	L. CURD
REVIEWED BY	M. NOWLAN
FILE:	

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C St. Bldg. 100-B
 Sacramento, CA 95816
 Tel 916.341.7760
 Fax 916.341.7767

PROJECT ENGINEER'S SIGNATURE
 BY: _____
 DATE: _____
 P.E. _____
 REGISTRATION EXP.: _____

CITY OF WOODLAND
 RECOMMENDED BY: _____
 DATE: _____
 APPROVED BY: _____
 NAME: _____
 DATE: _____
 DICK DONNELLY

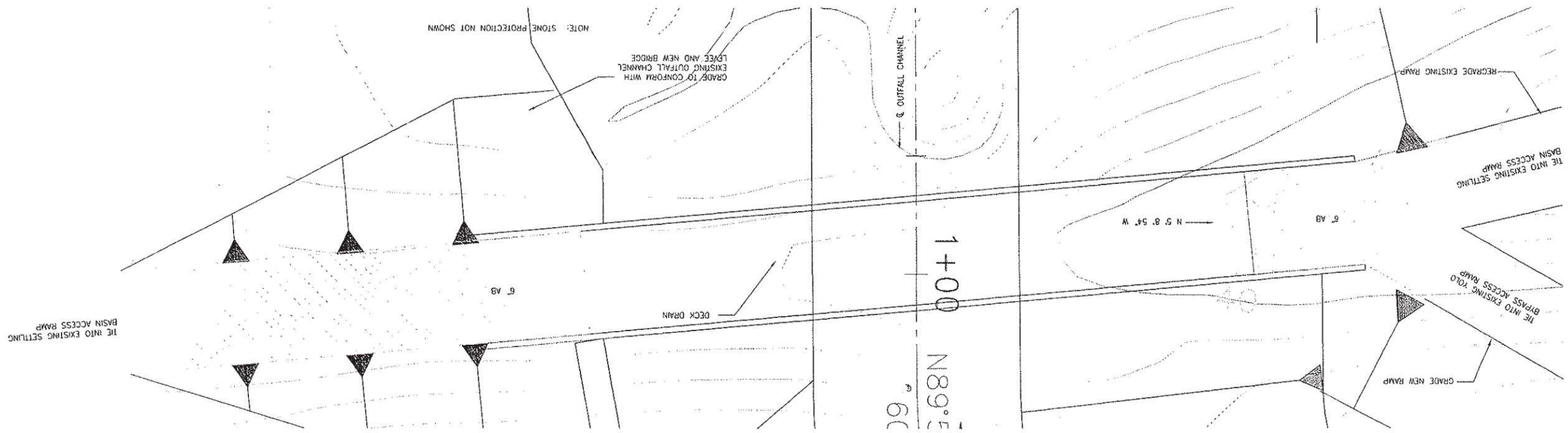
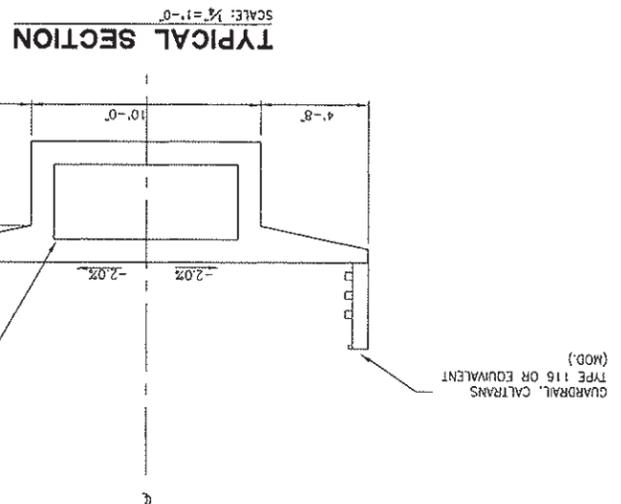
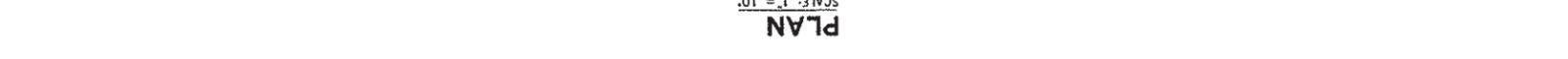
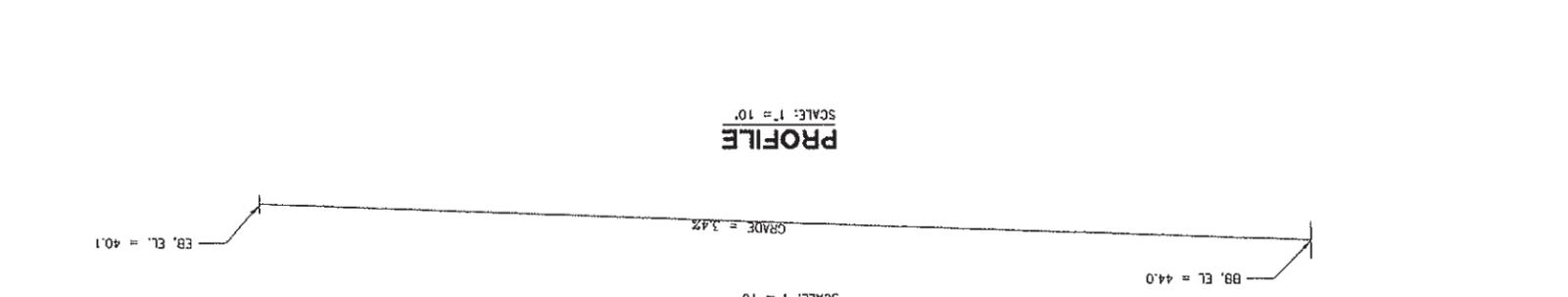
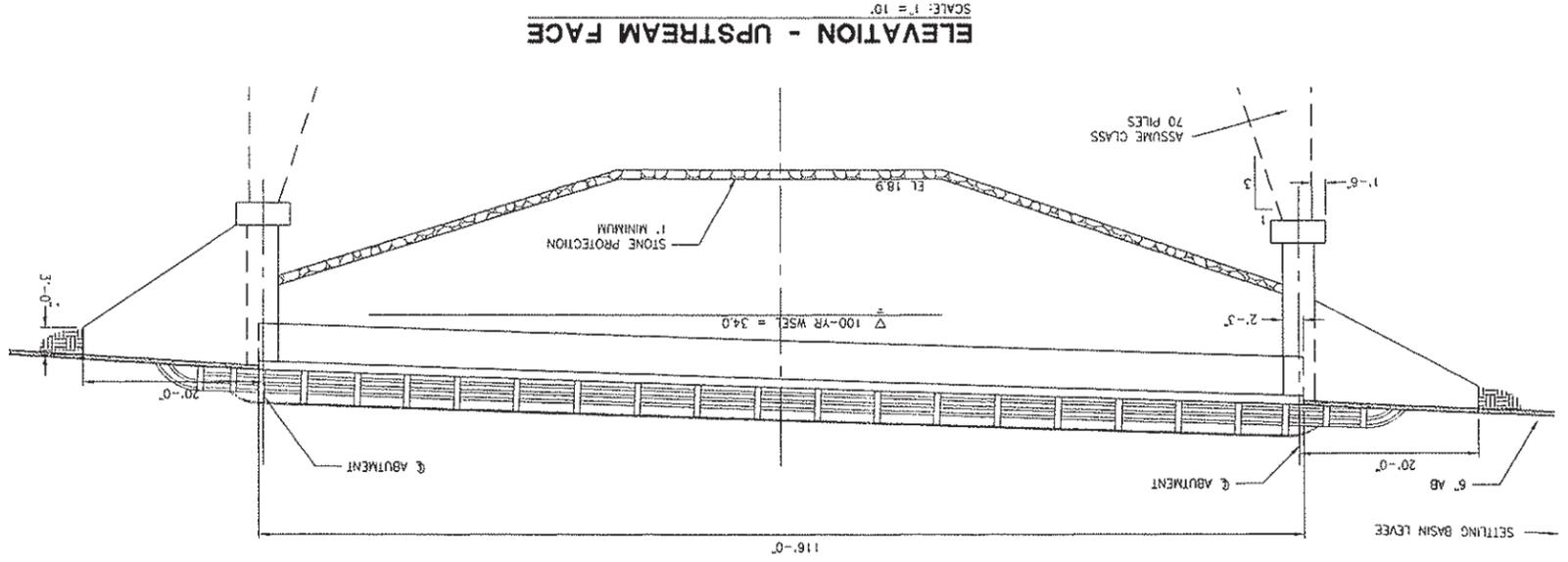
CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL BRIDGE
 PLAN, SECTION, AND ELEVATION

PROJECT NO. 8164.004
 DATE: February 2006
 SCALE: HORIZ. AS SHOWN
 VERT. AS SHOWN

SHEET NO. 135
 OF 136

NO.	DESCRIPTION	BY	DATE	APPR.	DATE
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HALF-SIZE PRINT

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DESIGNED BY J. PRITCHARD	NO.	DESCRIPTION	BY	DATE	APPR.	DATE	REVISIONS
DRAWN BY L. COUD							
REVIEWED BY M. HOWLAN							
FILE:							

WOOD RODGERS
 DEVELOPING INNOVATIVE DESIGN SOLUTIONS
 3301 C ST. BLDG. 100-B
 SACRAMENTO, CA 95818
 TEL 916.341.7760
 FAX 916.341.7707

PROJECT ENGINEER'S SIGNATURE
 DATE: _____ P.E.
 REGISTRATION EXP.: _____

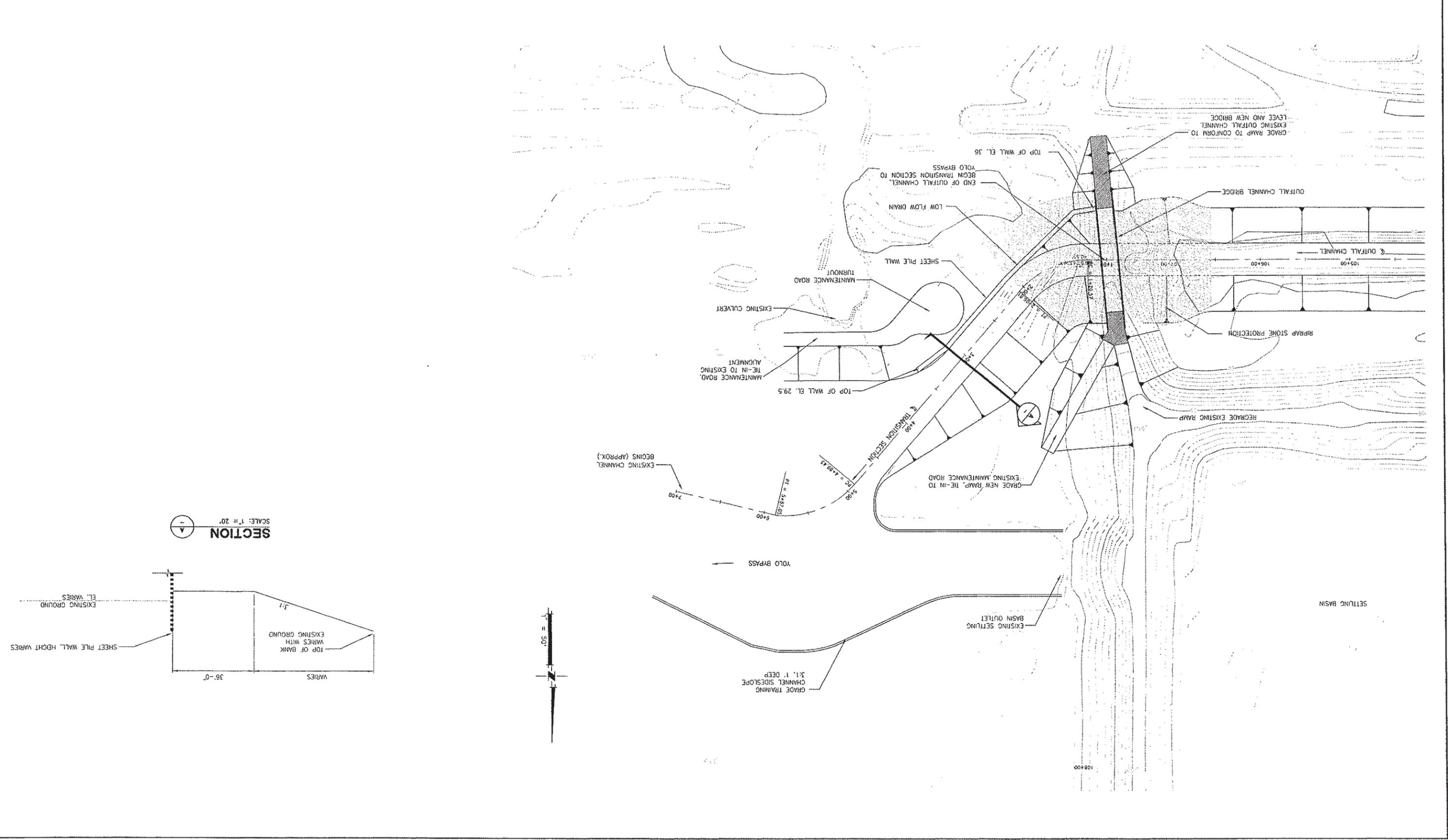
CITY OF WOODLAND
 RECOMMENDED BY: _____
 NAME: _____
 APPROVED BY: _____
 DICK DONNELLY
 DATE: _____

CITY OF WOODLAND
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION
 300 FIRST ST. WOODLAND, CA 95695 (530) 661-5961

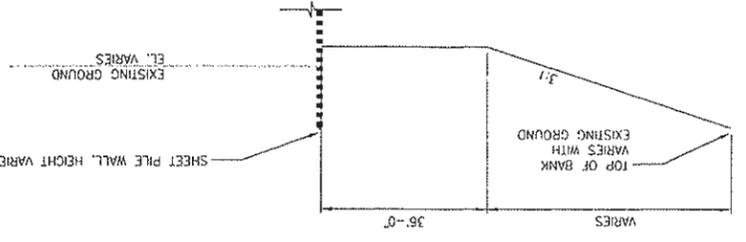
CITY OF WOODLAND
 STORM DRAINAGE FACILITIES MASTER PLAN
 PRELIMINARY ENGINEERING REPORT
 OUTFALL CHANNEL
 PLAN AND SECTION

SCALE: _____
 HORIZ. AS SHOWN
 VERT. AS SHOWN
 DATE: February 2006
 PROJECT NO. 8164.004
 SHEET NO. 136
 OF 136

HALF-SIZE PRINT



SECTION A SCALE: 1" = 20'



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