NACIMIENTO WATER PROJECT

DRAFT Preliminary Design Report Drawing List

BID PACKAGE 6

General

Drawing no	Title
G001	Units D, E, and F Pipeline and Units T4 and T6 Turnouts Cover Sheet
G602	Units D, E, F, T4, and T6 General SCADA System Block Diagram

UNIT D: Station 1157+00 to 1405+00

Drawing no	Title
DP-C184	Plan and Profile Sta 1157+00 to 1170+00
DP-C185	Plan and Profile Sta 1170+00 to 1183+00
DP-C186	Plan and Profile Sta 1183+00 to 1196+00
DP-C187	Plan and Profile Sta 1196+00 to 1209+00
DP-C188	Plan and Profile Sta 1209+00 to 1222+00
DP-C189	Plan and Profile Sta 1222+00 to 1236+00
DP-C190	Plan and Profile Sta1236+00 to 1250+00
DP-C191	Plan and Profile Sta 1250+00 to 1261+00
DP-C192	Plan and Profile Sta 1261+00 to 1273+00
DP-C193	Plan and Profile Sta 1273+00 to 1282+00
DP-C194	Plan and Profile Sta 1282+00 to 1293+00
DP-C195	Plan and Profile Sta 1293+00 to 1306+00
DP-C196	Plan and Profile Sta 1306+00 to 1317+00
DP-C197	Plan and Profile Sta 1317+00 to 1329+00
DP-C198	Plan and Profile Sta 1329+00 to 1342+00
DP-C199	Plan and Profile Sta 1342+00 to 1355+00
DP-C200	Plan and Profile Sta 1355+00 to 1368+00
DP-C201	Plan and Profile Sta1368+00 to 1381+00
DP-C202	Plan and Profile Sta1381+00 to 1394+00
DP-C203	Plan and Profile Sta 1394+00 to 1405+00

UNIT E: Station 1405+00 to 1627+00

Drawing no	Title
EP-C204	Plan and Profile Sta 1405+00 to 1418+00
EP-C205	Plan and Profile Sta 1418+00 to 1431+00
EP-C206	Plan and Profile Sta 1431+00 to 1443+00
EP-C207	Plan and Profile Sta 1443+00 to 1456+00
EP-C208	Plan and Profile Sta 1456+00 to 1469+00
EP-C209	Plan and Profile Sta 1469+00 to 1483+00
EP-C210	Plan and Profile Sta 1483+00 to 1494+00
EP-C211	Plan and Profile Sta 1494+00 to 1507+00
EP-C212	Plan and Profile Sta 1507+00 to 1520+00
EP-C213	Plan and Profile Sta 1520+00 to 1532+00
EP-C214	Plan and Profile Sta 1532+00 to 1546+00
EP-C215	Plan and Profile Sta 1546+00 to 1560+00
EP-C216	Plan and Profile Sta 1560+00 to 1574+00
EP-C217	Plan and Profile Sta 1574+00 to 1588+00
EP-C218	Plan and Profile Sta 1588+00 to 1601+00
EP-C219	Plan and Profile Sta 1601+00 to 1614+00
EP-C220	Plan and Profile Sta 1614+00 to 1627+00

UNIT F: Station 1627+00 to 1774+35

Drawing no	Title
FP-C221	Plan and Profile Sta 1627+00 to 1641+00
FP-C222	Plan and Profile Sta 1641+00 to 1654+00
FP-C223	Plan and Profile Sta 1654+00 to 1668+00
FP-C224	Plan and Profile Sta 1668+00 to 1679+00
FP-C225	Plan and Profile Sta 1679+00 to 1691+00
FP-C226	Plan and Profile Sta 1691+00 to 1704+00
FP-C227	Plan and Profile Sta 1704+00 to 1717+00
FP-C228	Plan and Profile Sta 1717+00 to 1730+00
FP-C229	Plan and Profile Sta 1730+00 to 1741+00
FP-C230	Plan and Profile Sta 1741+00 to 1753+00
FP-C231	Plan and Profile Sta 1753+00 to 1764+00
FP-C232	Plan and Profile Sta 1764+00 to 1774+35

UNIT T4: Templeton Community Services District Turnout

Drawing no	Title
T4-C101	Templeton Turnout Plan and Sections
T4-C102	TempletonTurnout - Alternative A1 Site Plan
T4-C103	TempletonTurnout - Alternative B1 Site Plan
T4-C104	TempletonTurnout - Alternative C1 Site Plan
T4-E601	Templeton Turnout One-Line Diagram
T4-I601	Templeton Turnout P&ID

UNIT T6: Atascadero Mutual Water Company Turnout

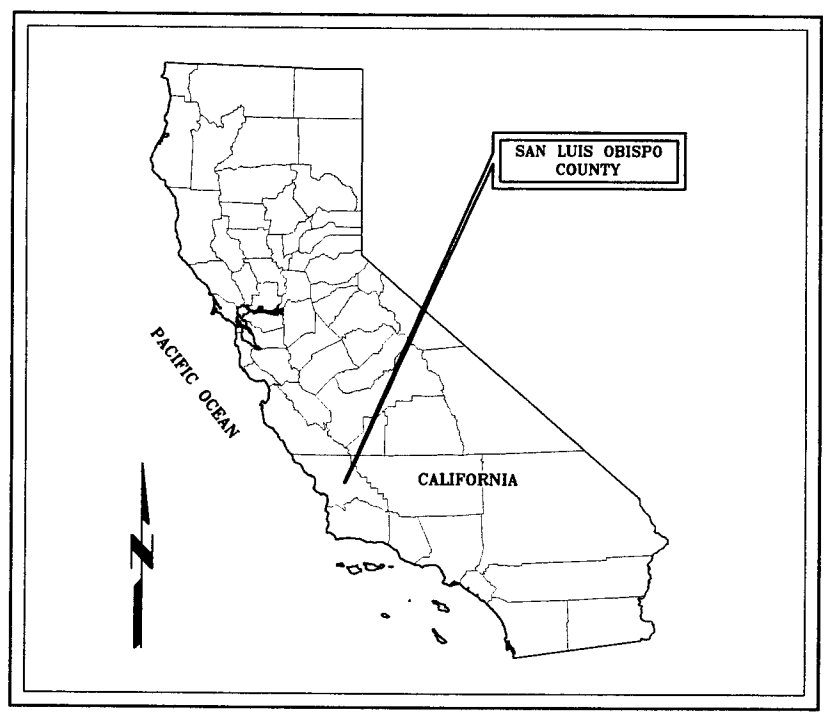
Drawing no	Title
T6-C101	Atascadero Turnout Plan and Sections
T6-C102	Atascadero Turnout Site Plan
T6-E602	Atascadero Turnout One-Line Diagram
T6-I602	Atascadero Turnout P&ID

COUNTY OF SAN LUIS OBISPO, CALIFORNIA
FLOOD CONTROL AND WATER CONSERVATION DISTRICT
PLANS FOR THE CONSTRUCTION OF

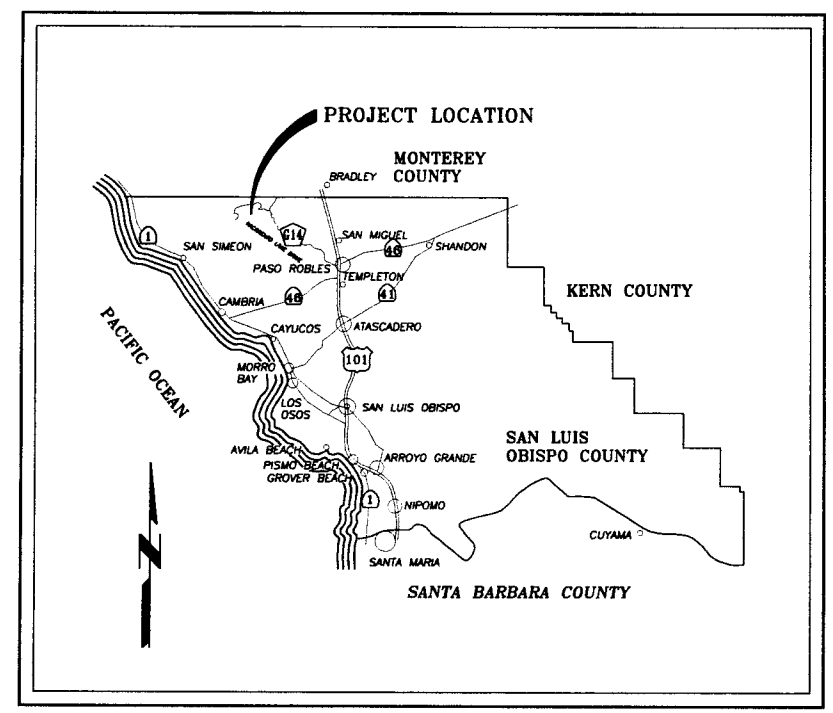
NWP NACIMIENTO WATER PROJECT

San Luis Obispo County Flood Control & Water Conservation District

B&V PROJECT NO. 137522
COUNTY CONTRACT NO. 300187.08
SPECIFICATION 6
UNITS D, E, AND F PIPELINE
UNITS T4 AND T6 TURNOUTS



VICINITY MAP
NO SCALE



LOCATION MAP
NO SCALE

PRELIMINARY - NOT FOR CONSTRUCTION

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SURVEYOR'S STATEMENT

THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE LAND SURVEYOR'S ACT AT THE REQUEST OF COUNTY OF SAN LUIS OBISPO, IN _____, _____.

_____
L.S. XXXX (EXP. XX-XX-XXXX)

APPROVED:

_____
NACIMIENTO PROJECT MANAGER
RPE C59001 (EXP 6-30-2007)

APPROVED BY:
BLACK & VEATCH CORPORATION

_____
STEVE FOELLMI, P.E.
PROJECT MANAGER

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK.	APP

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PLOTTED: MC10784, 2/20/2006 9:55:26 AM XREF4:
USER: MC10784 DWG VER: 1.3 XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNITS D, E, AND F PIPELINE
UNITS T4 AND T6 TURNOUTS
COVER SHEET

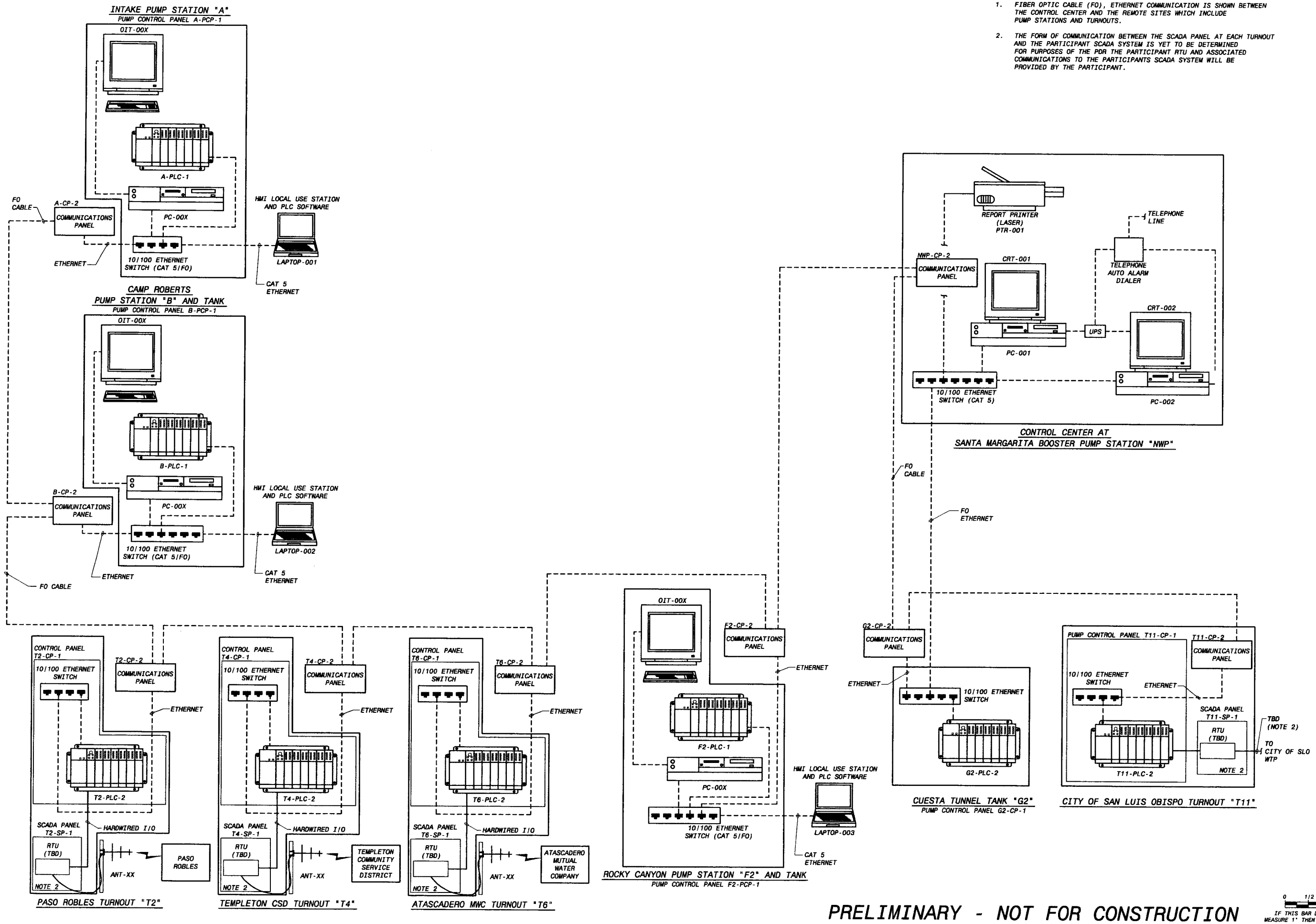
DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 2/22/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
G001
SHEET OF

F0137522
D137522

NOTES:

1. FIBER OPTIC CABLE (FO), ETHERNET COMMUNICATION IS SHOWN BETWEEN THE CONTROL CENTER AND THE REMOTE SITES WHICH INCLUDE PUMP STATIONS AND TURNOUTS.
2. THE FORM OF COMMUNICATION BETWEEN THE SCADA PANEL AT EACH TURNOUT AND THE PARTICIPANT SCADA SYSTEM IS YET TO BE DETERMINED FOR PURPOSES OF THE PDR THE PARTICIPANT RTU AND ASSOCIATED COMMUNICATIONS TO THE PARTICIPANTS SCADA SYSTEM WILL BE PROVIDED BY THE PARTICIPANT.



PRELIMINARY - NOT FOR CONSTRUCTION

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

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DWG VER: 1.4	

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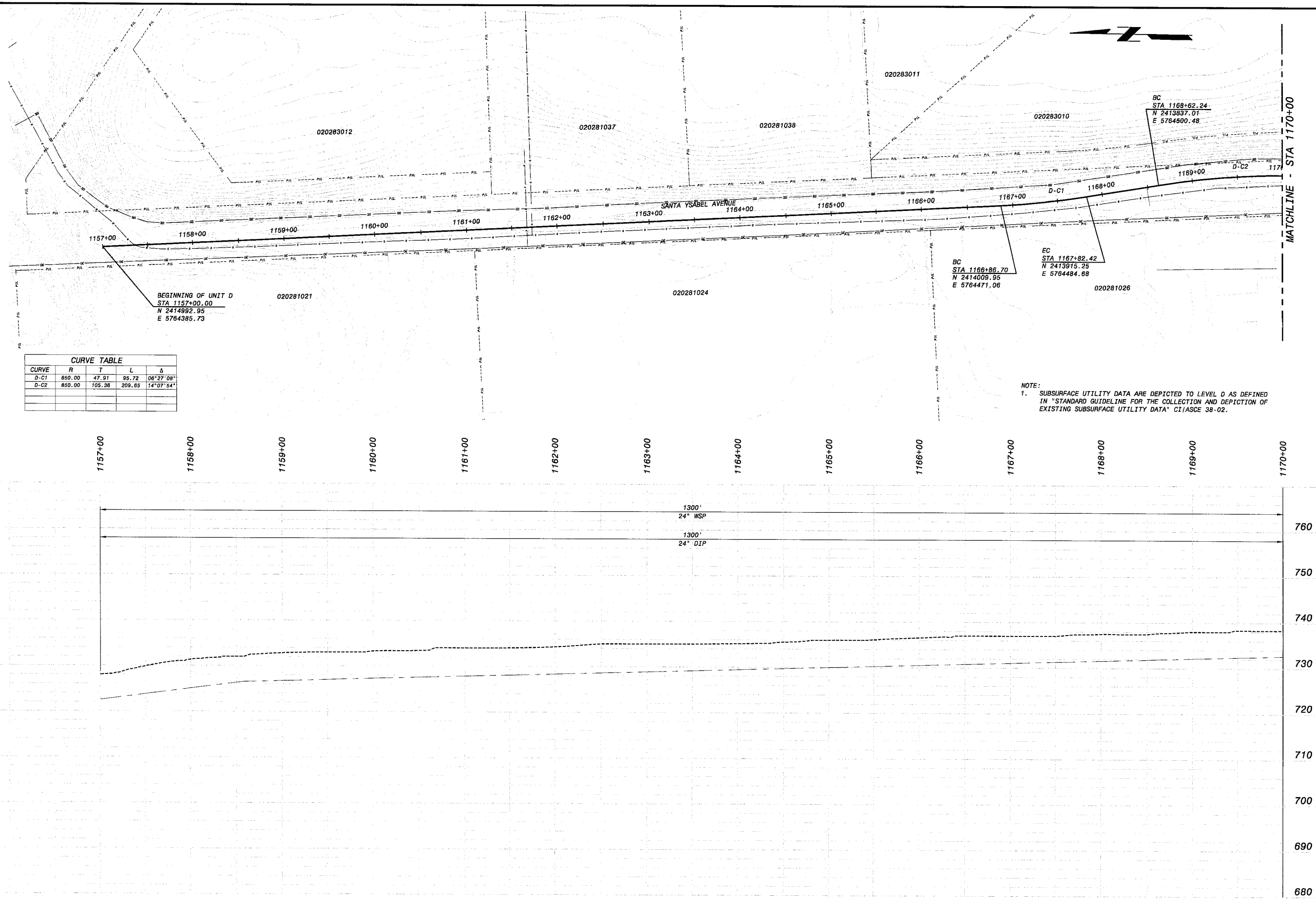
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNITS D, E, F, T4, AND T6
GENERAL
SCADA SYSTEM BLOCK DIAGRAM

DESIGNED: WEM
DETAILED: DSW
CHECKED:
APPROVED:
DATE:

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
G602
SHEET OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C1	850.00	47.91	95.72	06°27'08"
D-C2	850.00	105.36	209.65	14°07'54"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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PLOTTED:
USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1157+00 to 1170+00

DESIGNED: J. GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

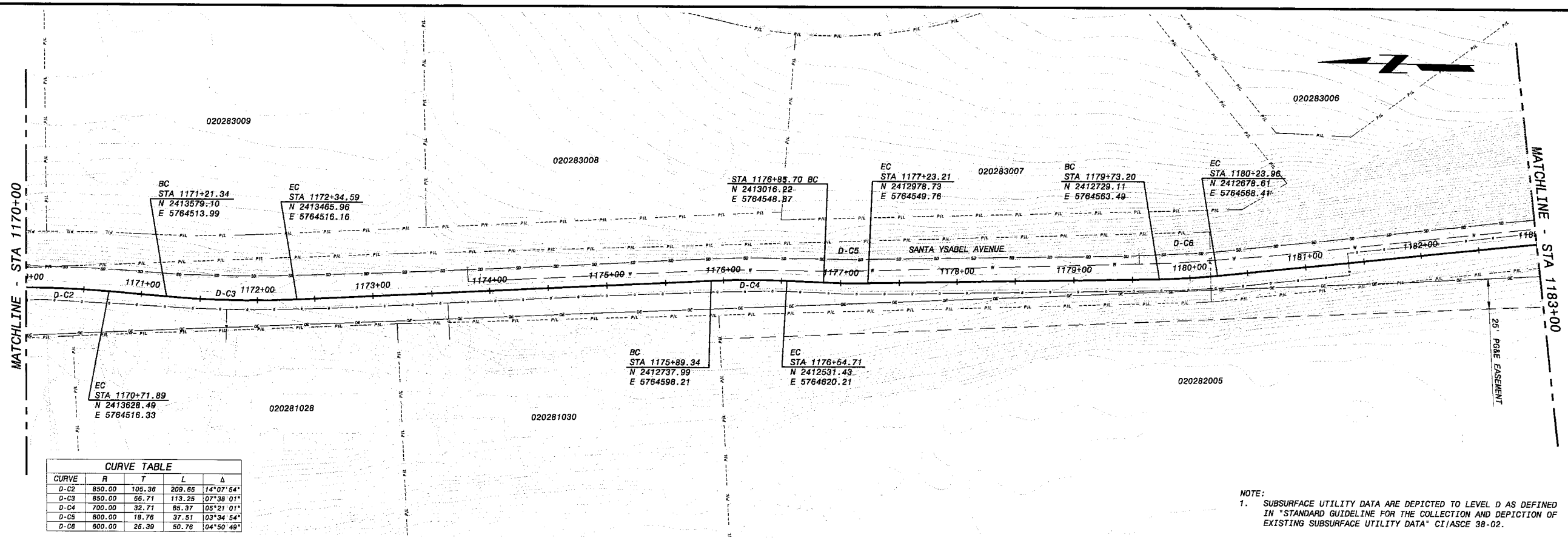
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

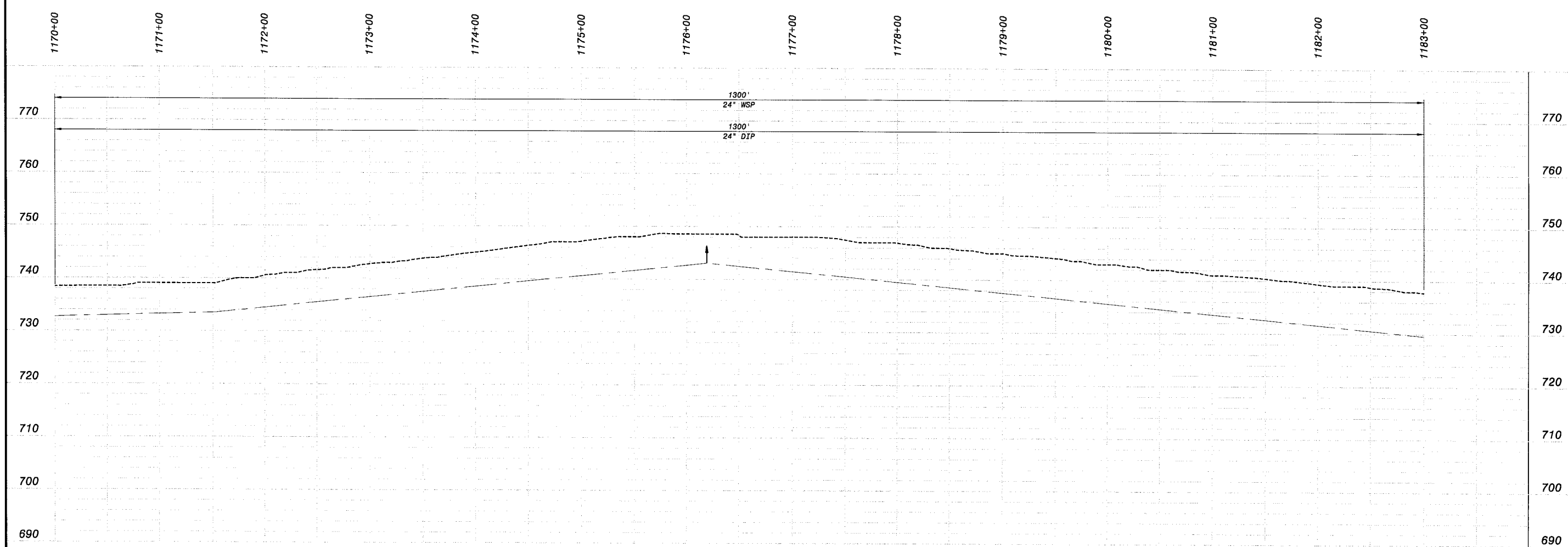
DP-C184
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C2	850.00	105.38	209.65	14°07'54"
D-C3	850.00	56.71	113.25	07°38'01"
D-C4	700.00	32.71	65.37	05°21'01"
D-C5	600.00	18.76	37.51	03°34'54"
D-C6	600.00	25.39	50.76	04°50'49"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
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0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT

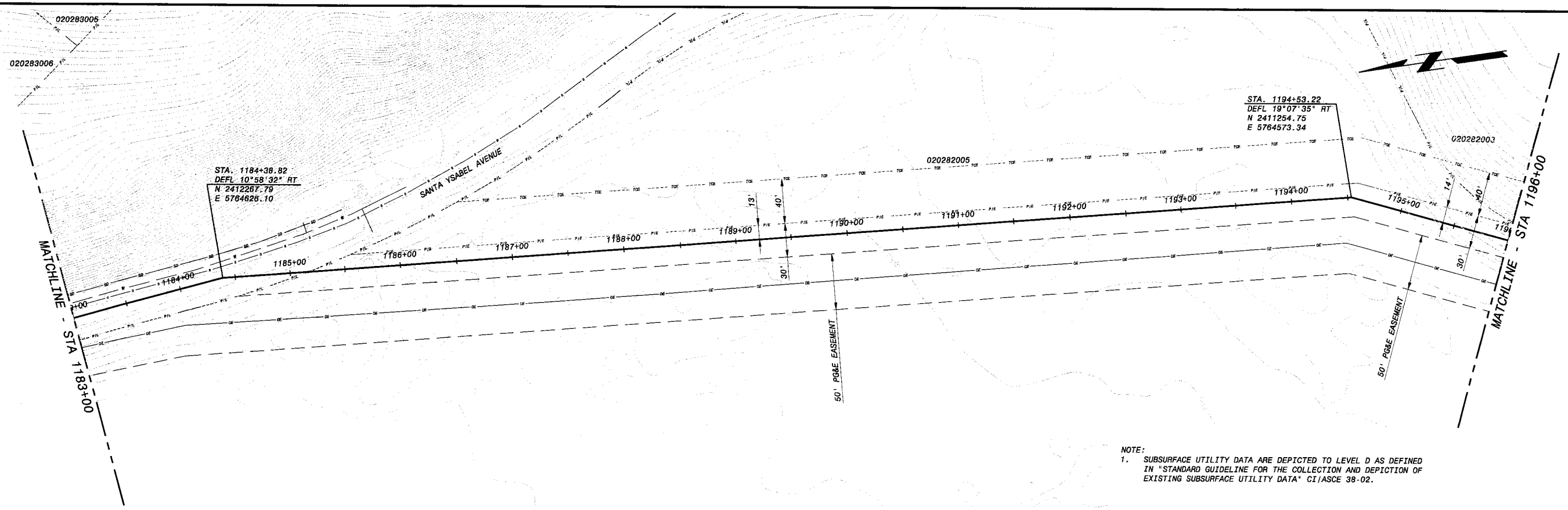
UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1170+00 to 1183+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

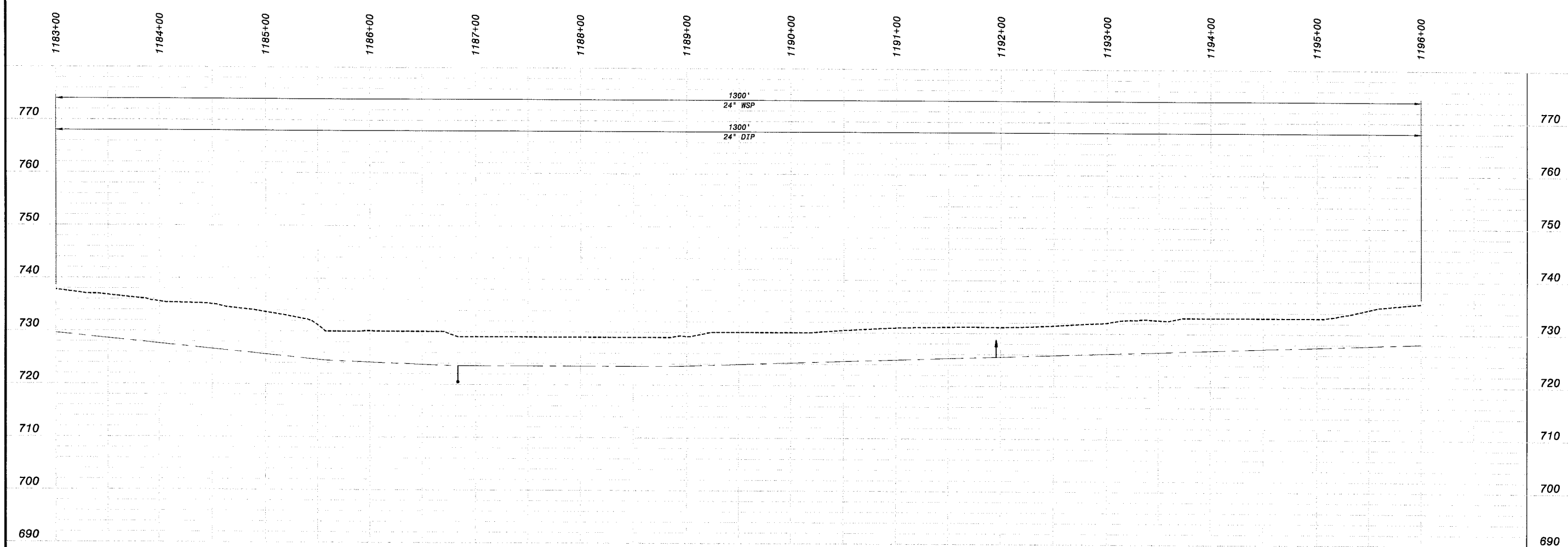
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

DP-C185
SHEET
OF

FD137522
D137522



NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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PLOTTED: | XREF4:
USER: MCC10764 | DWG VER: 1.0 | XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

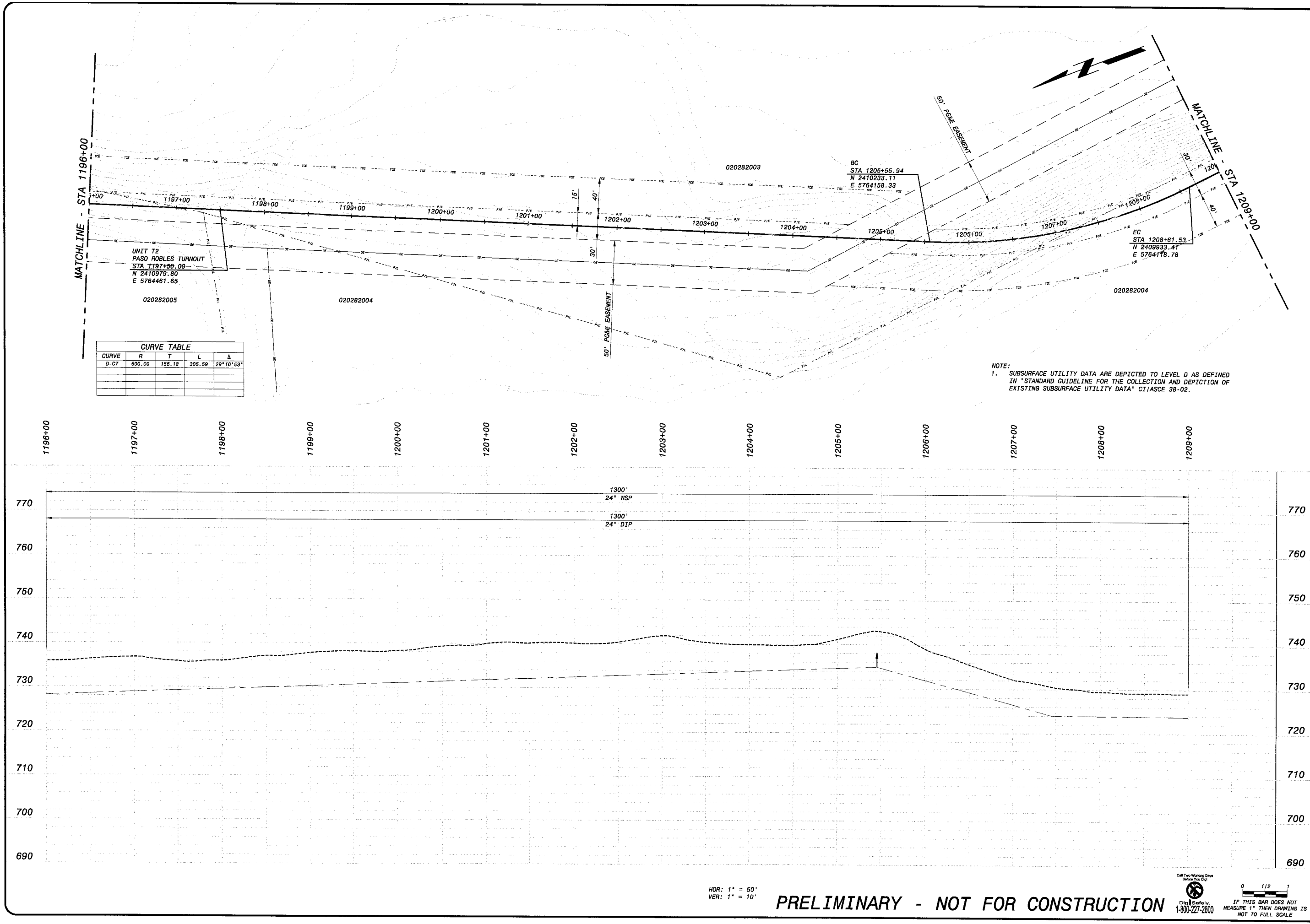
UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1183+00 to 1196+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

DP-C186
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C7	600.00	156.18	305.59	29°10'53"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007KDZ
WF: ACAD TEMPLATE.dwg
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USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE
ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1196+00 to 1209+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

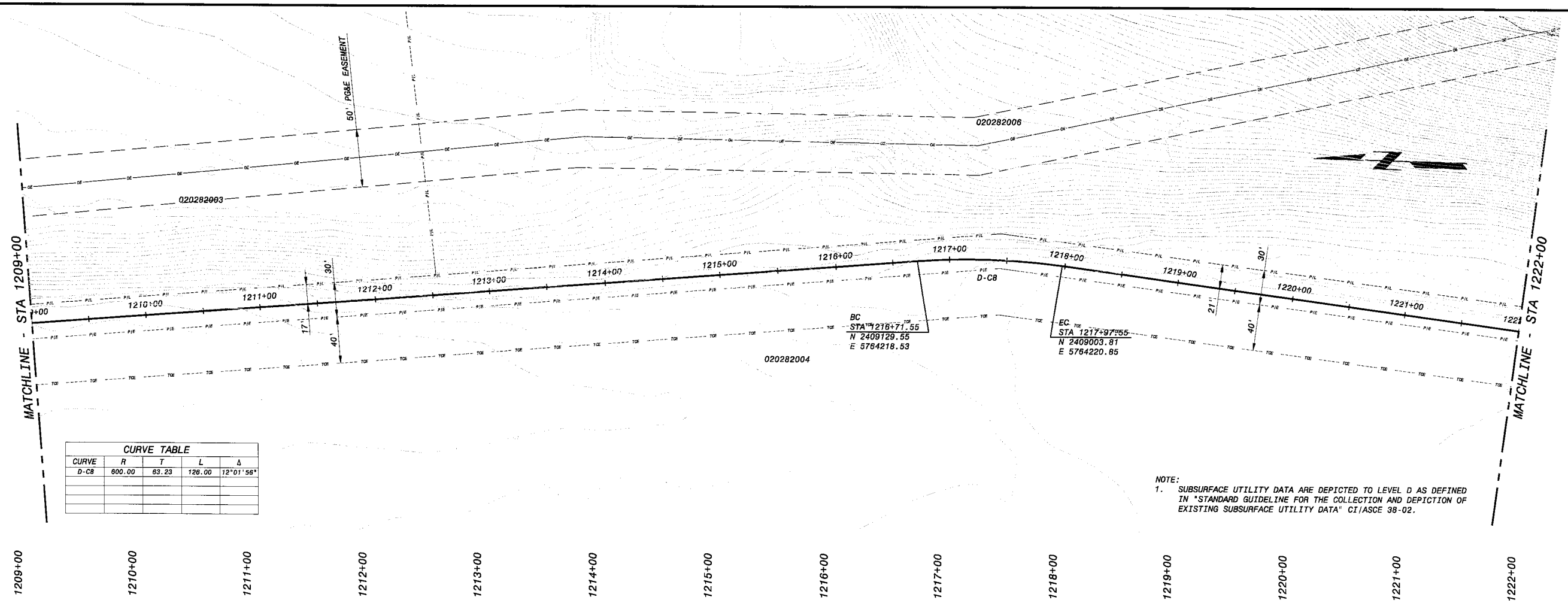
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

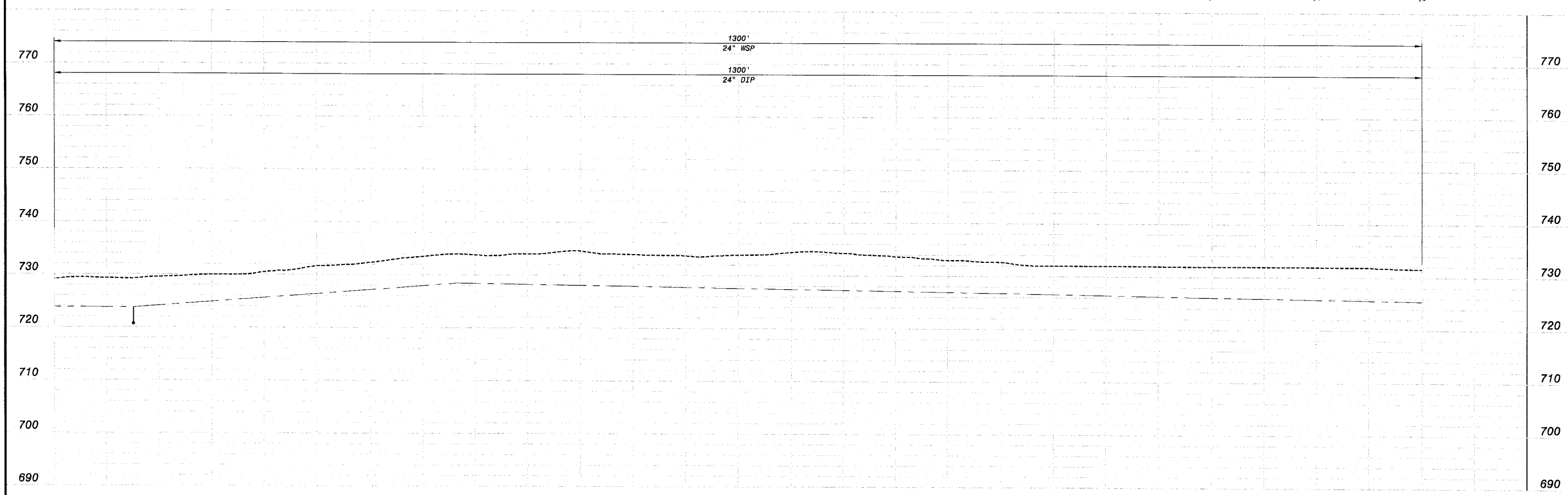
DP-C187
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C8	600.00	63.23	126.00	12°01'56"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-BRW-G-E00007K0Z
WF:ACAD TEMPLATE.dwg
SAVED: MCC10764, 10/20/2005 3:23:37 PM
PLOTTED:
USER: MCC10764 DWG VER: 1.0
XREF1:d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

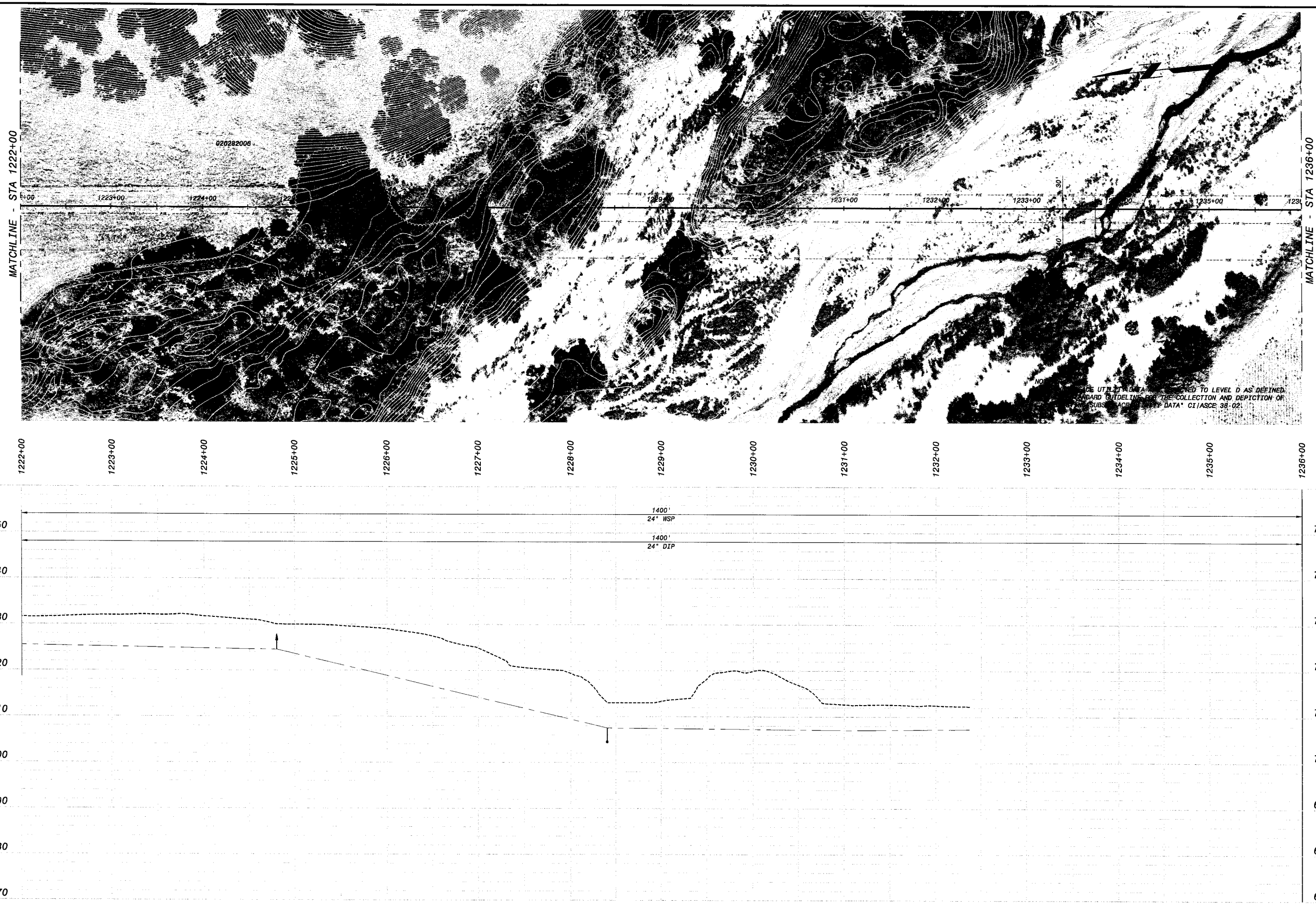
UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1209+00 to 1222+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

DP-C188
SHEET OF

FD137522
D137522



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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SAVED: MCC10764, 10/26/2006 3:23:37 PM XREF3:
PLOTTED: XREF4:
USER: MCC10764 DWG VER: 1.0 XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1222+00 to 1236+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
DP-C189
SHEET OF

D137622
D137522

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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PLOTTED: XREF4:
USER: MCC10764 DWG VER: 1.0 XREF5:

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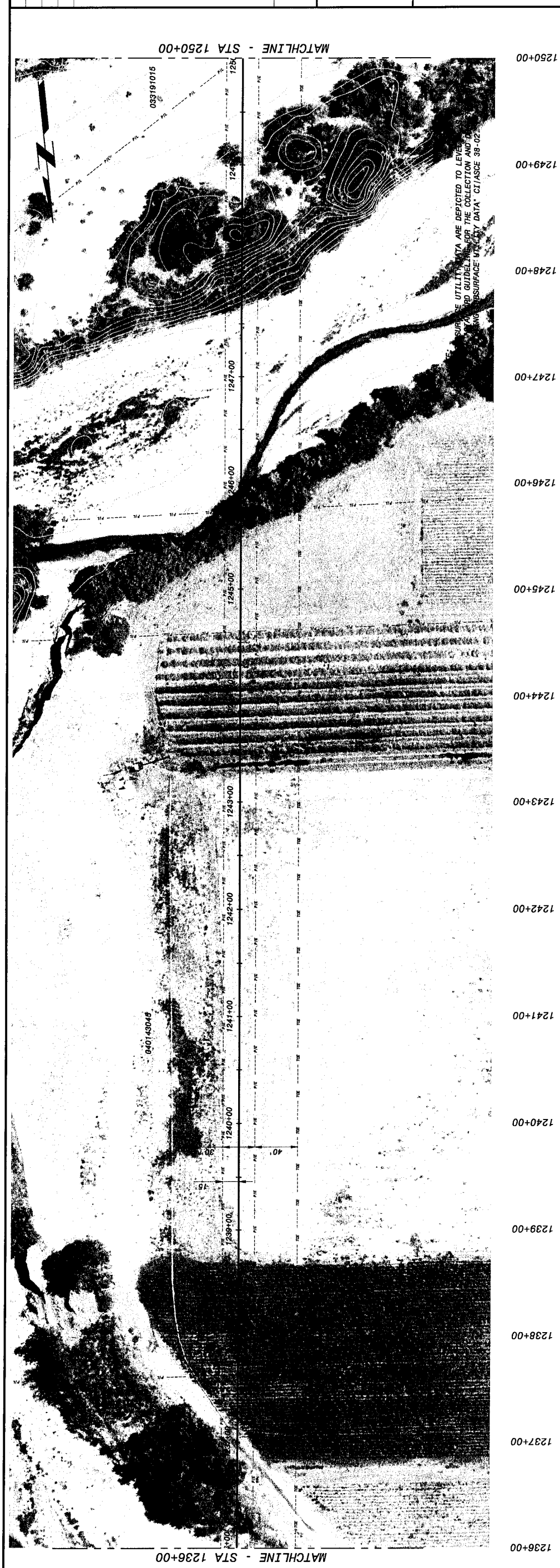
ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1236+00 to 1250+00

DESIGNED: J. GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
DP-C190
SHEET OF



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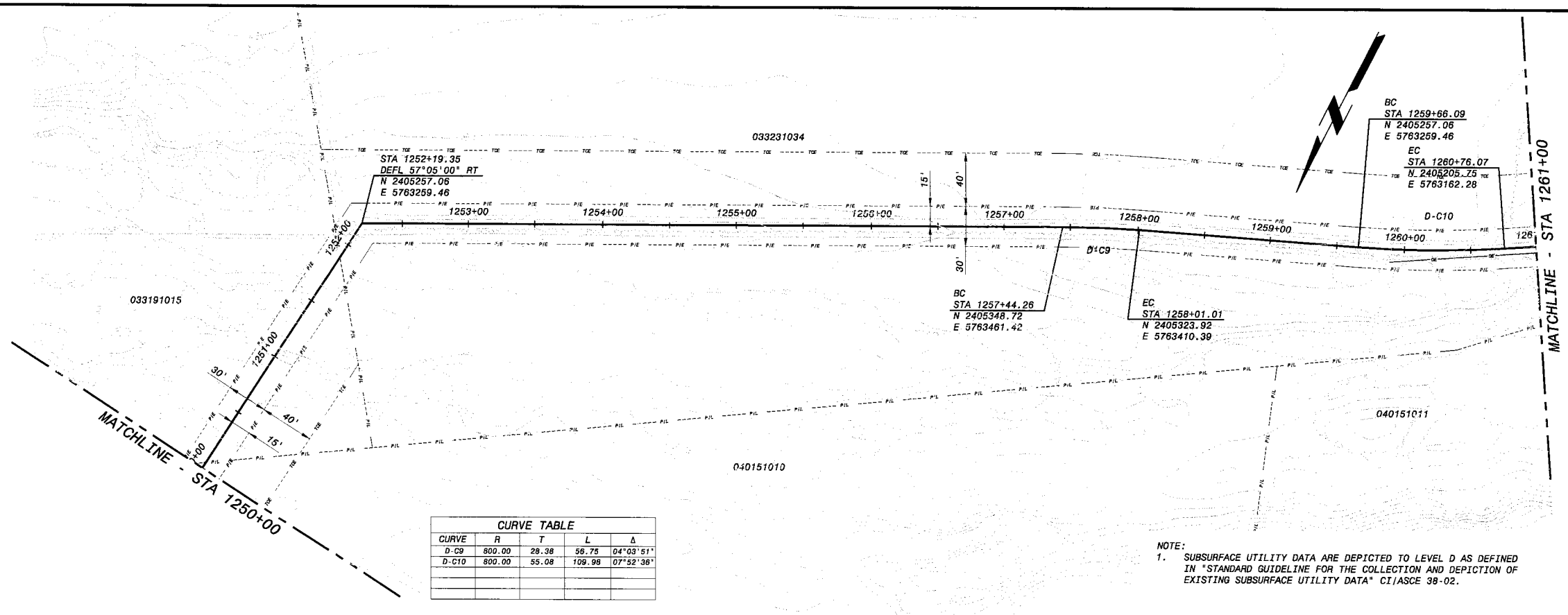
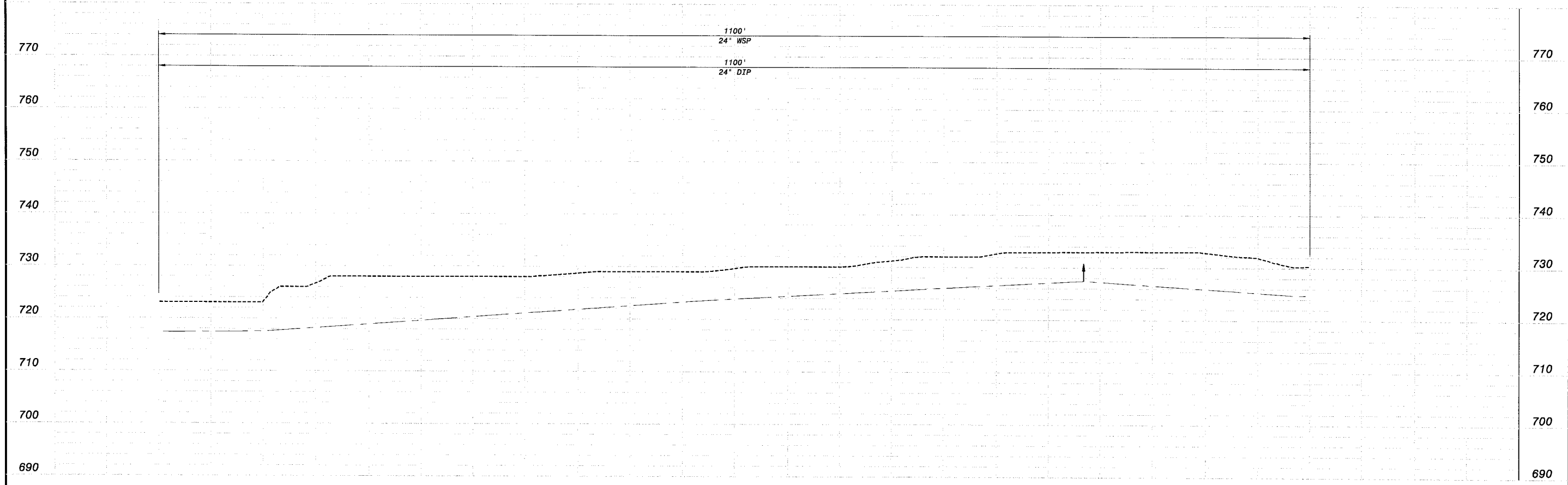


CURVE TABLE

CURVE	R	T	L	Δ
D-C9	800.00	28.38	56.75	04°03'51"
D-C10	800.00	55.08	109.98	07°52'36"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K02 XREF1:d137522.dwg
WF:ACAD TEMPLATE.dwg XREF2:
SAVED: MCC10764, 10/20/2005 3:23:37 PM XREF3:
PLOTTED: XREF4:
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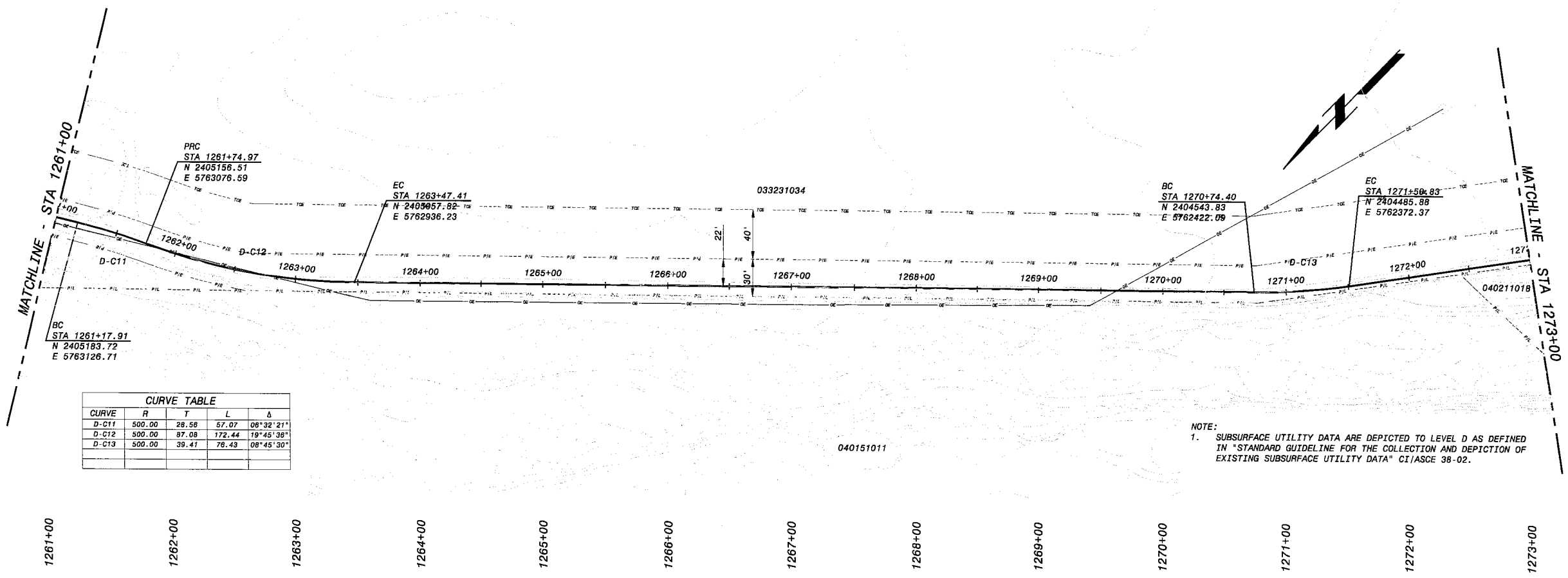
BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1250+00 to 1261+00

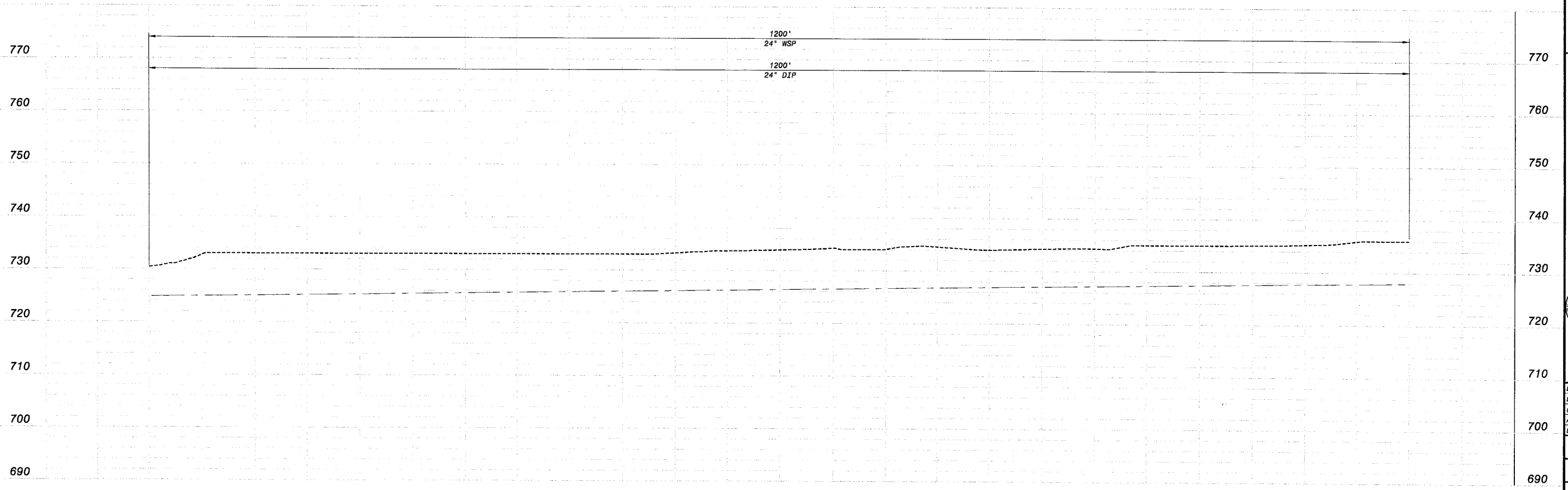
DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
DP-C191
SHEET OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C11	500.00	28.58	57.07	06°32'21"
D-C12	500.00	87.08	172.44	19°45'38"
D-C13	500.00	39.41	78.43	08°45'30"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

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DATE

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1261+00 to 1273+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO.
137522

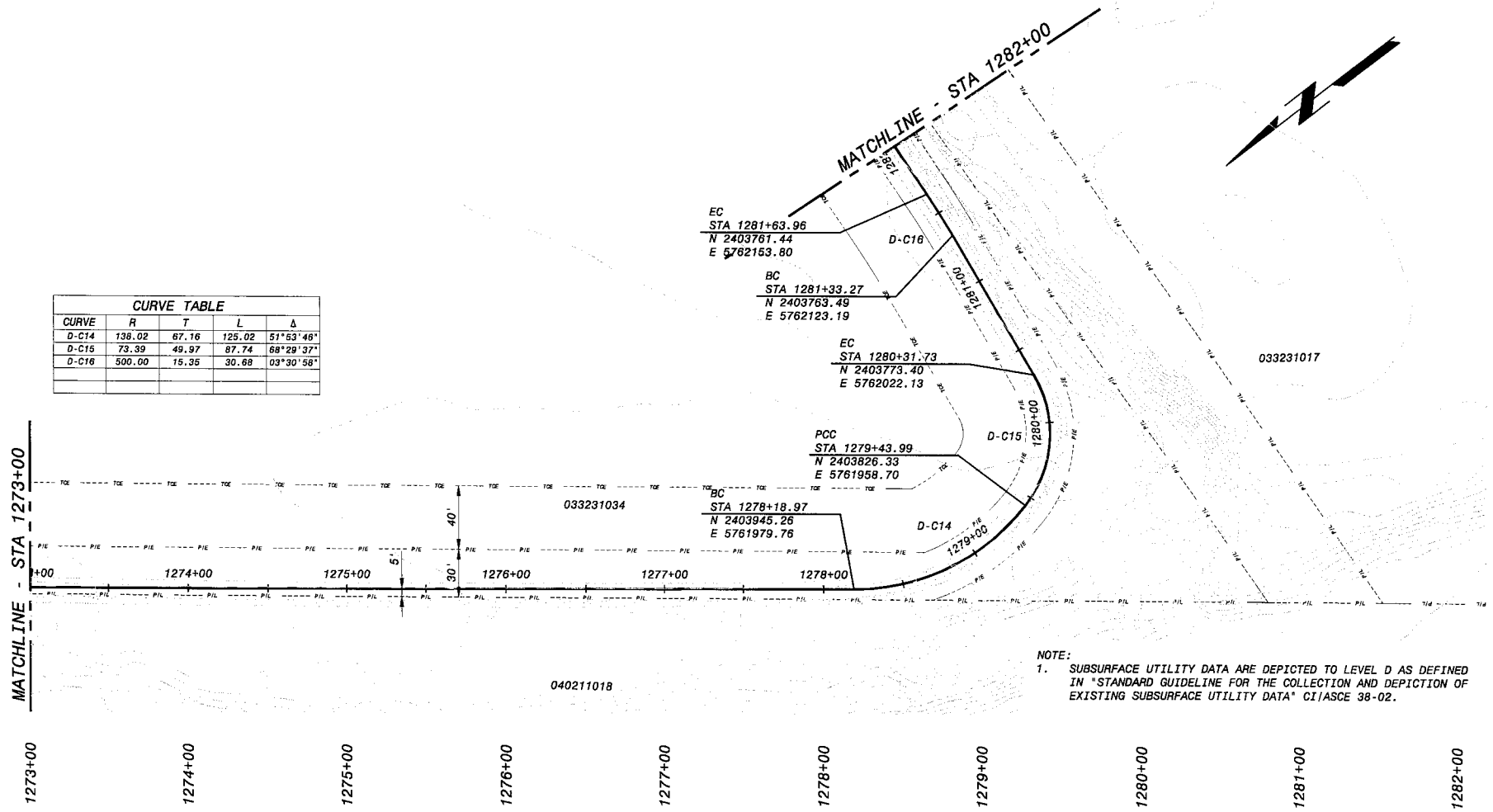
NWP PROJECT NO.
3000187.08

SPEC
06

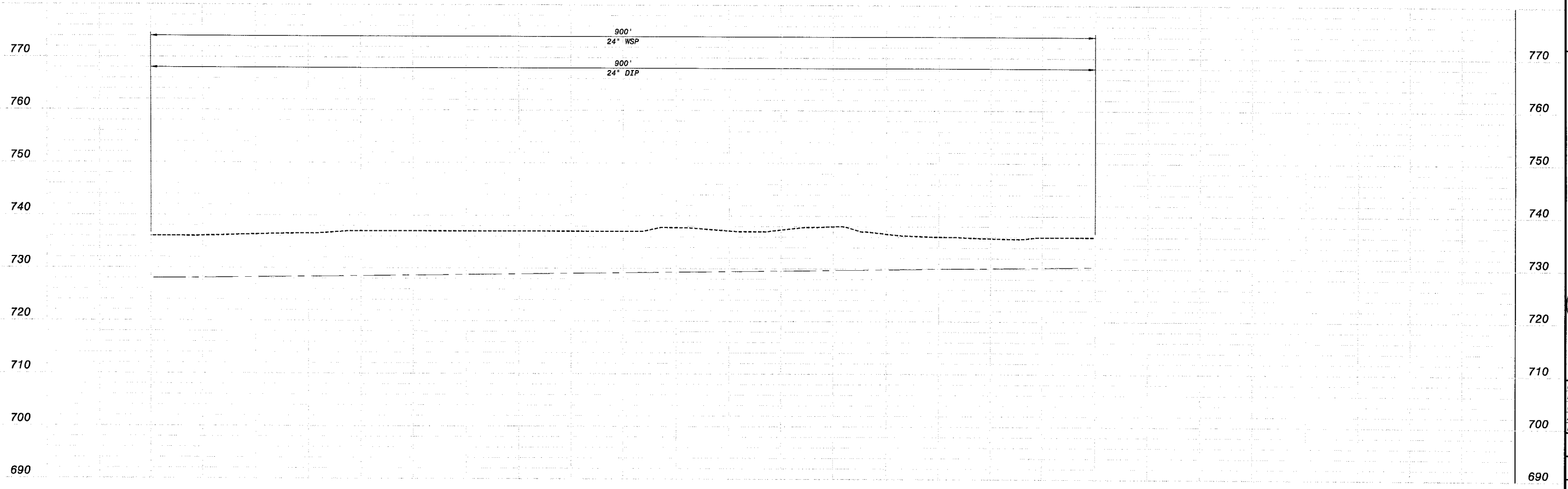
DP-C192
SHEET
OF

FD137522
D137522

CURVE TABLE				
CURVE	R	T	L	Δ
D-C14	138.02	67.16	125.02	51°53'46"
D-C15	73.39	49.97	87.74	68°29'37"
D-C16	500.00	15.35	30.68	03°30'58"



NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

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0 1/2 1
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NO.	BY	CK	APP

DATE	REVISIONS AND RECORD OF ISSUE
CYGNET ID: 137522-BRW-G-E0000TK0Z	XREF1:0137522.dwg
WF:ACAD TEMPLATE.dwg	XREF2:
SAVED: MCC10764, 10/29/2005 3:23:37 PM	XREF3:
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USER: MCC10764 DWG VER: 1.0	XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1273+00 to 1282+00

DESIGNED:	J.GARCIA
DETAILED:	D. GHILARDUCCI
CHECKED:	
APPROVED:	
DATE:	01/20/06

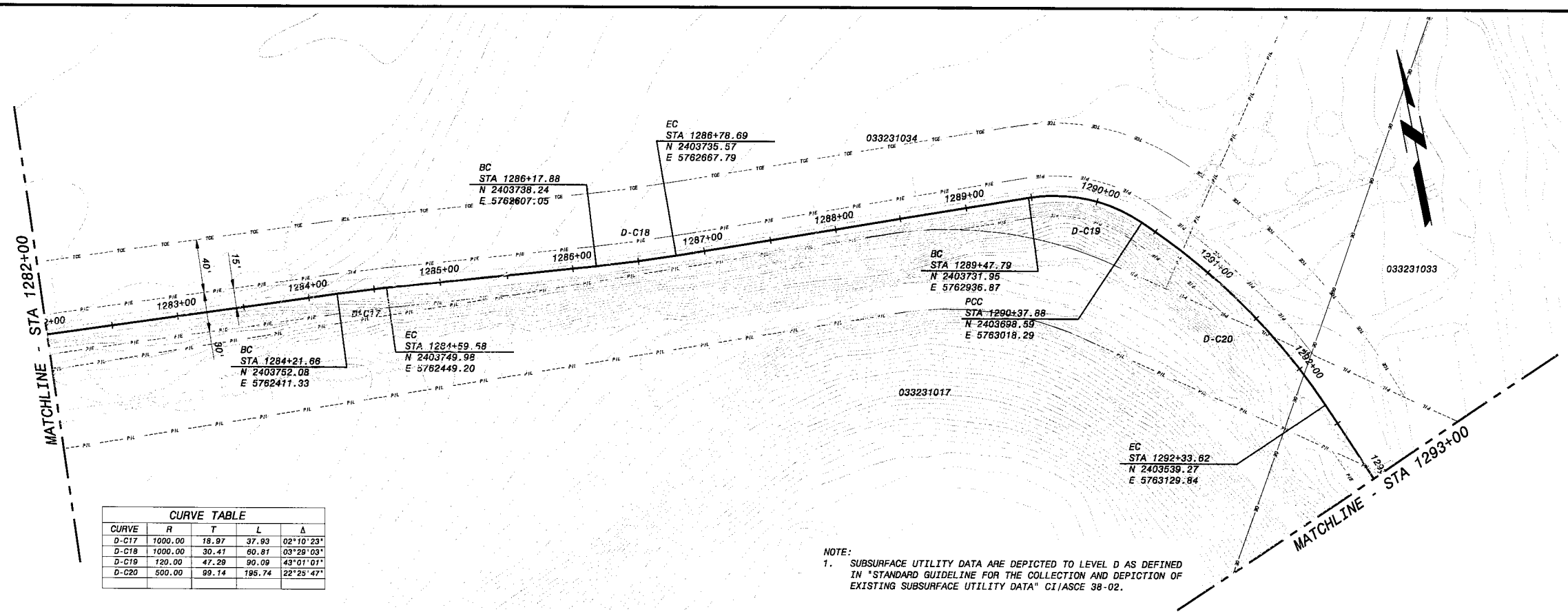
BV PROJECT NO. 137522

NWP PROJECT NO. 3000187.08

SPEC 06

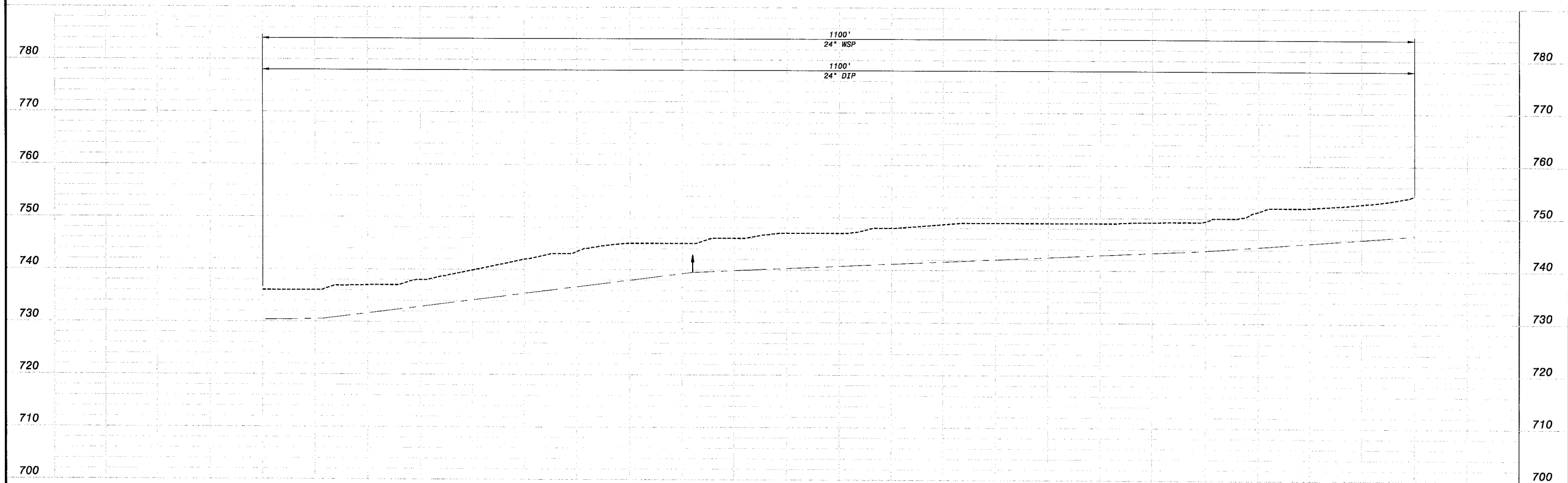
DP-C193
SHEET OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C17	1000.00	18.97	37.93	02°10'23"
D-C18	1000.00	30.41	60.81	03°29'03"
D-C19	120.00	47.29	90.09	43°01'01"
D-C20	500.00	99.14	195.74	22°25'47"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

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DATE	REVISIONS AND RECORD OF ISSUE

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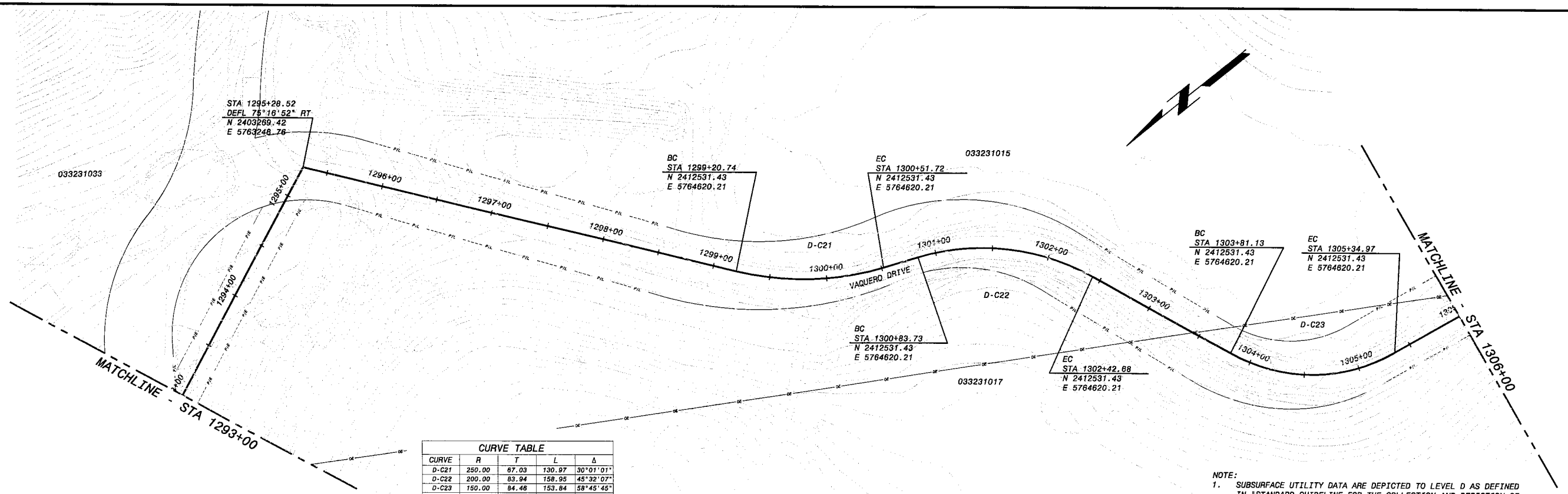
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1282+00 to 1293+00

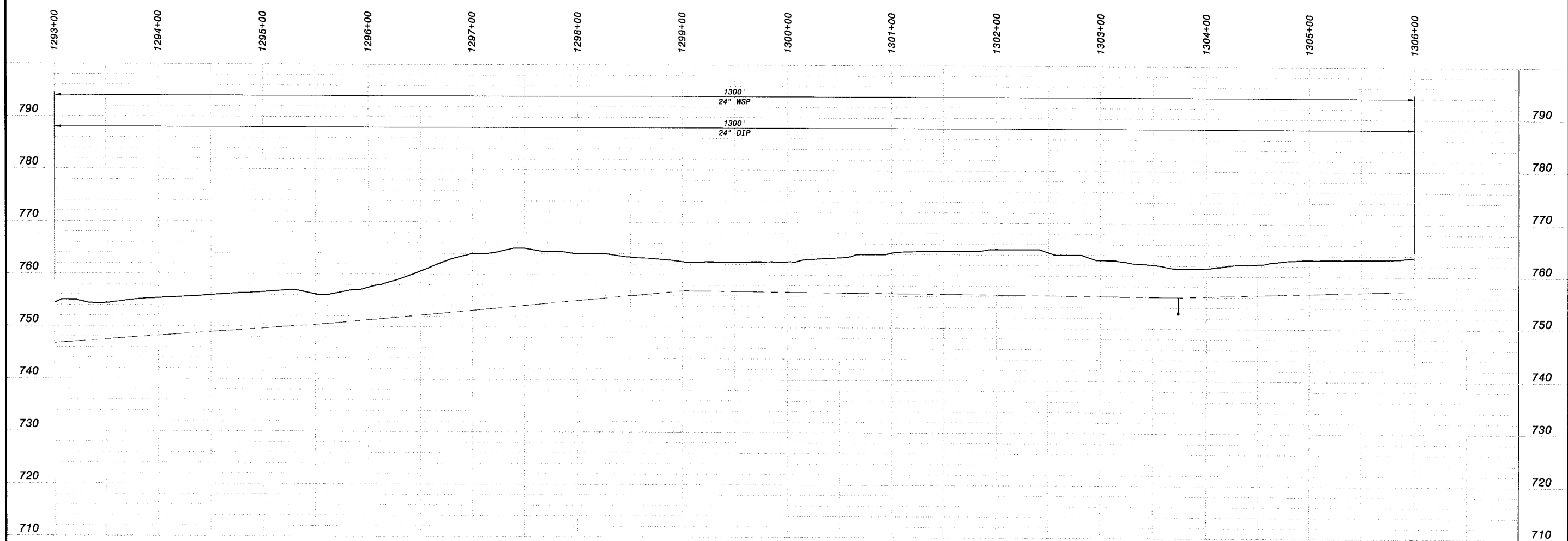
DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
DP-C194
SHEET OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C21	250.00	67.03	130.97	30°01'01"
D-C22	200.00	83.94	158.95	45°32'07"
D-C23	150.00	84.46	153.84	58°45'45"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



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CYGNET ID: 137522-DRW-G-E0000TK0Z
WF: ACAD TEMPLATE.dwg
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UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1293+00 to 1306+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

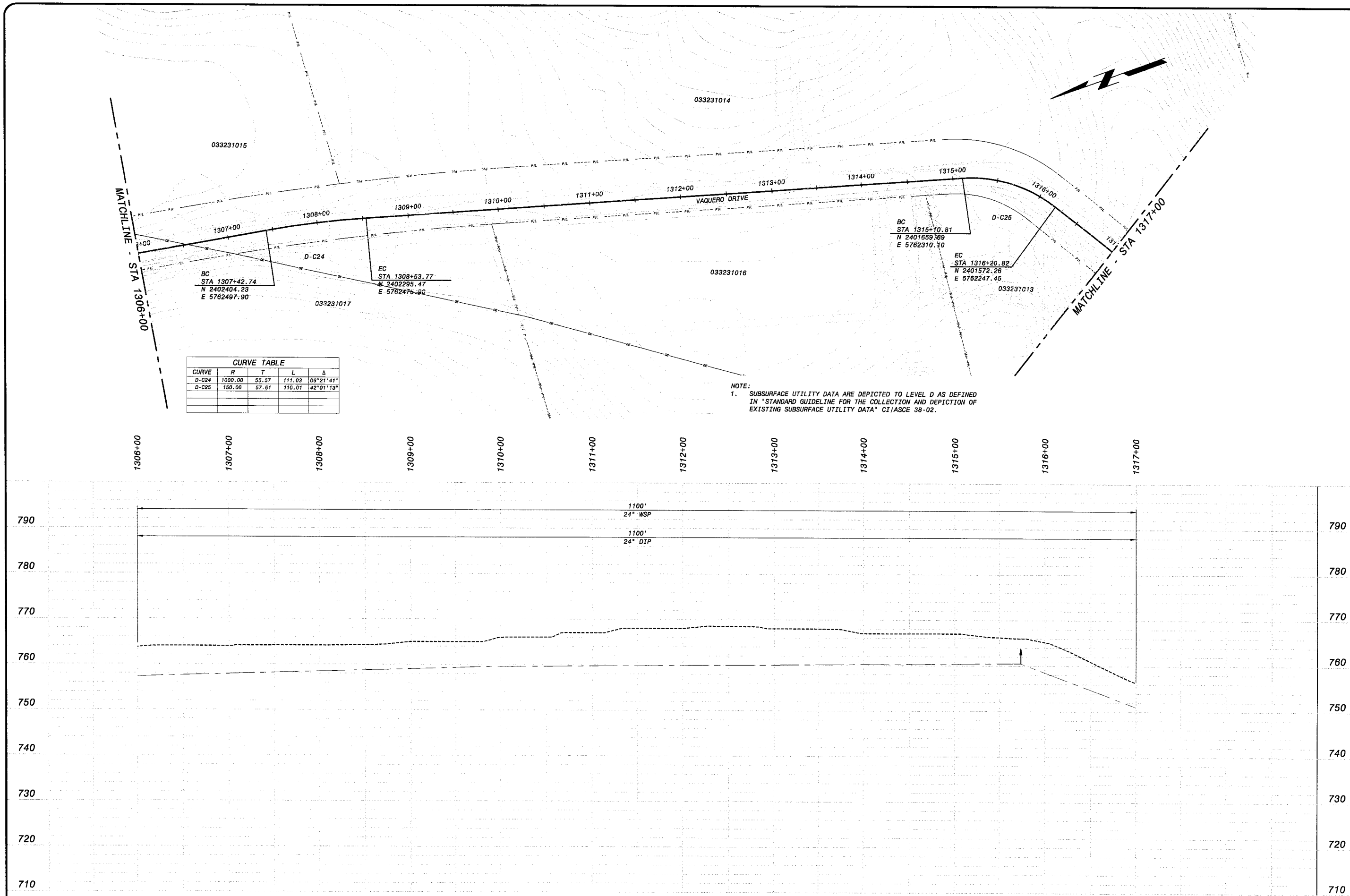
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

DP-C195
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C24	1000.00	55.57	111.03	06°21'41"
D-C25	150.00	57.61	110.01	42°01'13"

NOTE:
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CYGNET ID: 137522-DRW-G-E00007KDZ
WF: ACAD TEMPLATE.dwg
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XREF1: d137522.dwg
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San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1306+00 to 1317+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

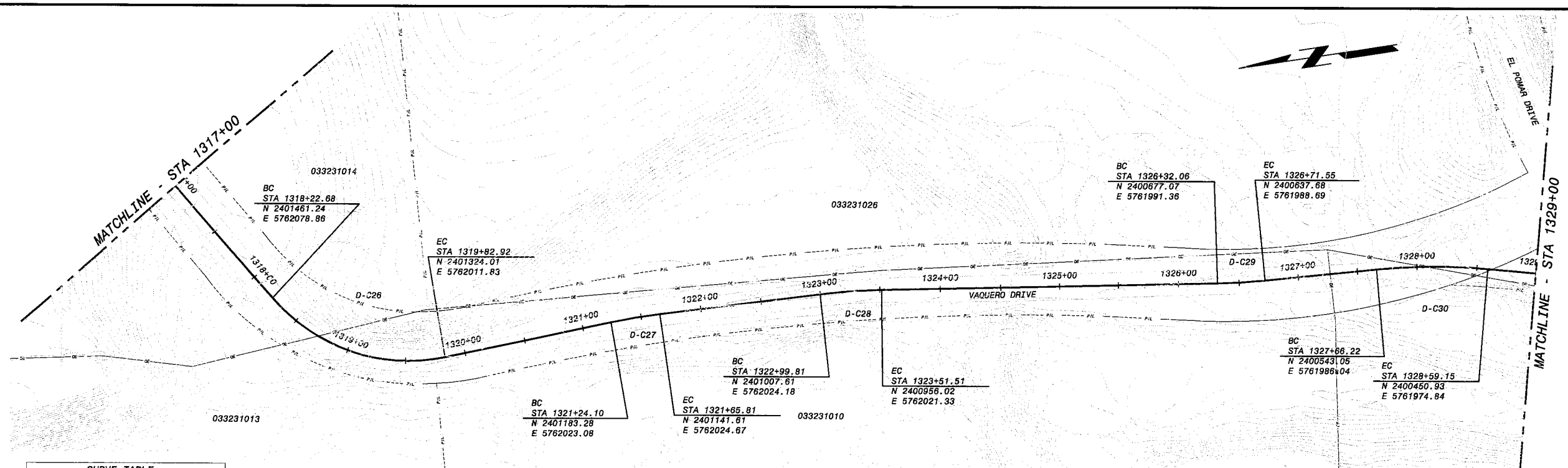
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

DP-C196
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C26	150.00	88.72	111.03	61°12'29"
D-C27	500.00	20.87	110.01	04°46'47"
D-C28	500.00	25.87	110.01	05°55'28"
D-C29	500.00	19.76	110.01	04°31'31"
D-C30	500.00	46.60	110.01	10°38'56"

NOTE:
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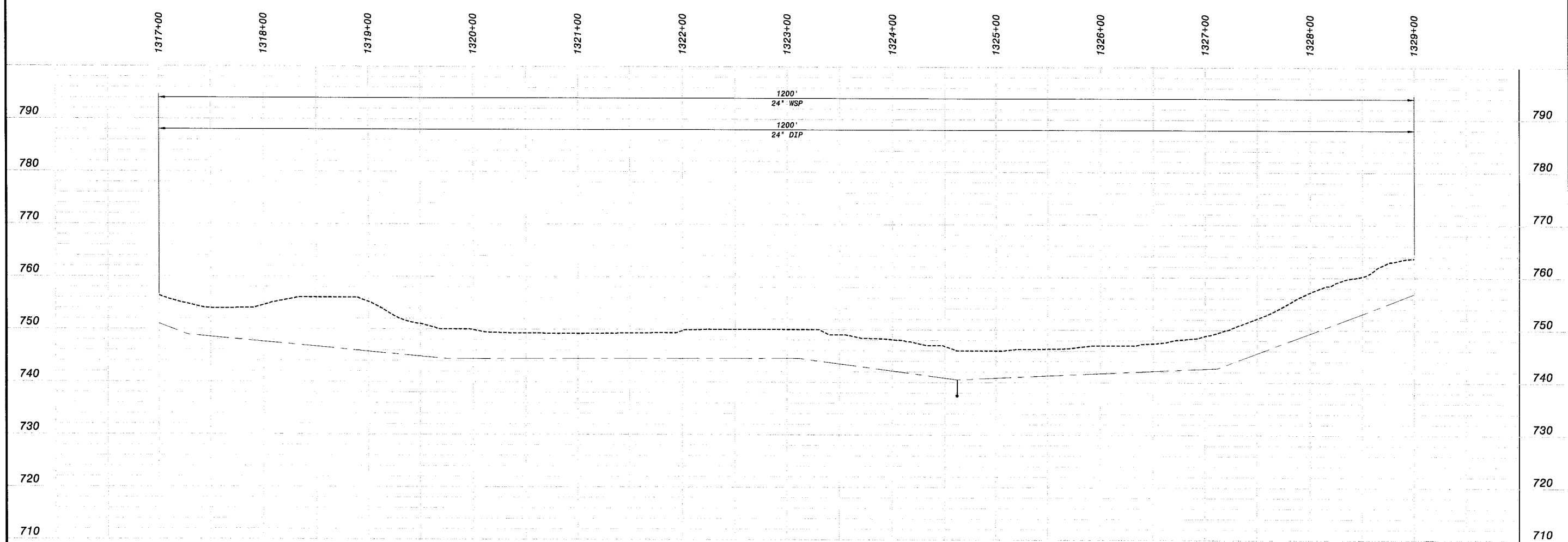

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VER: 1" = 10'

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CYGNET ID: 137522-DRW-G-E00007KDZ
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USER: MCC10764
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XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1317+00 to 1329+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

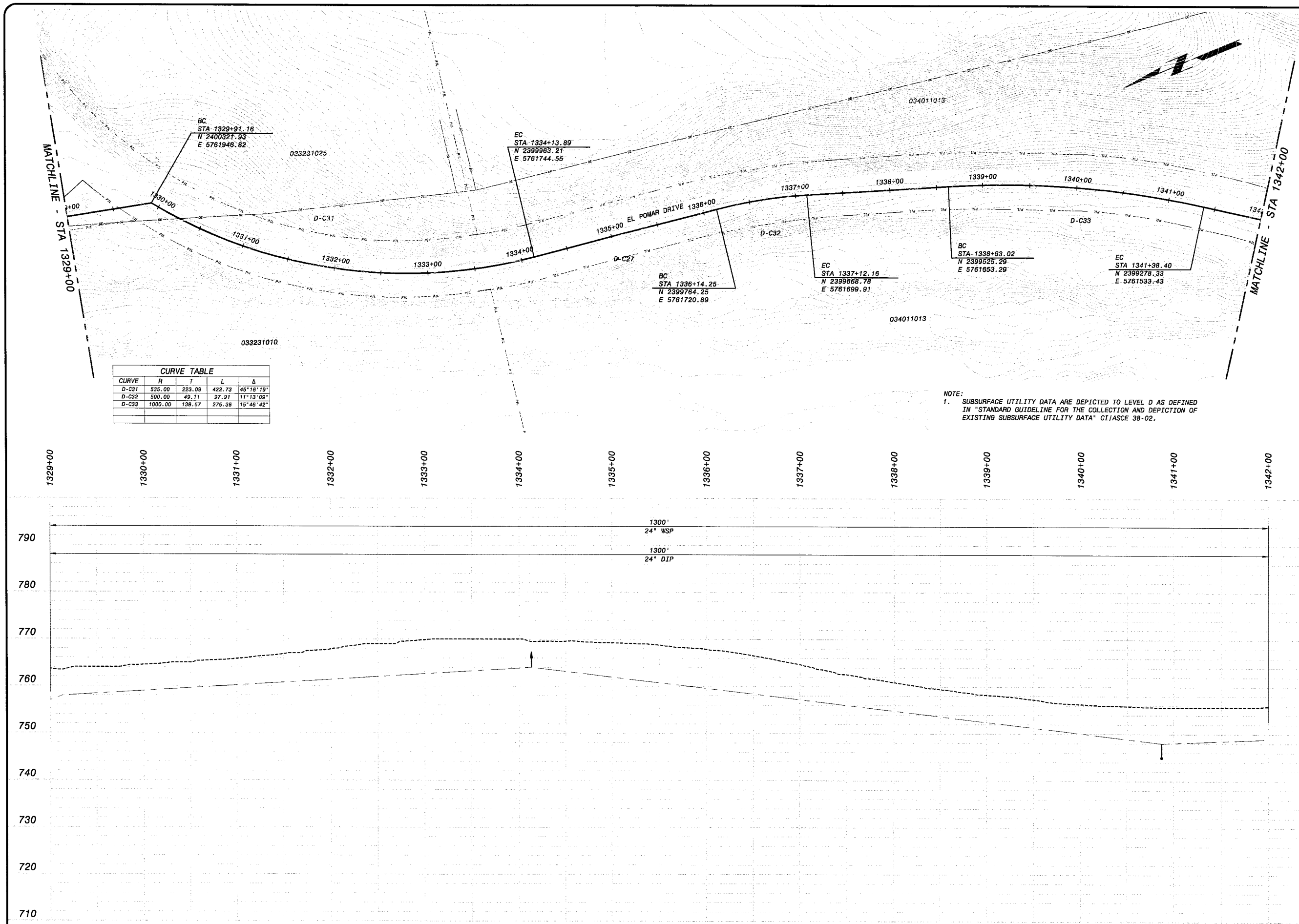
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

DP-C197
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C31	535.00	223.09	422.73	45°16'19"
D-C32	500.00	49.11	97.91	11°13'09"
D-C33	1000.00	138.57	275.38	15°46'42"

NOTE:
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CYGNET ID: 137522-DRW-G-E00007KDZ
WF: ACAD TEMPLATE.dwg
SAVED: MCC10764, 10/26/2005 3:23:37 PM
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USER: MCC10764
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NWP NACIMIENTO WATER PROJECT

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1329+00 to 1342+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

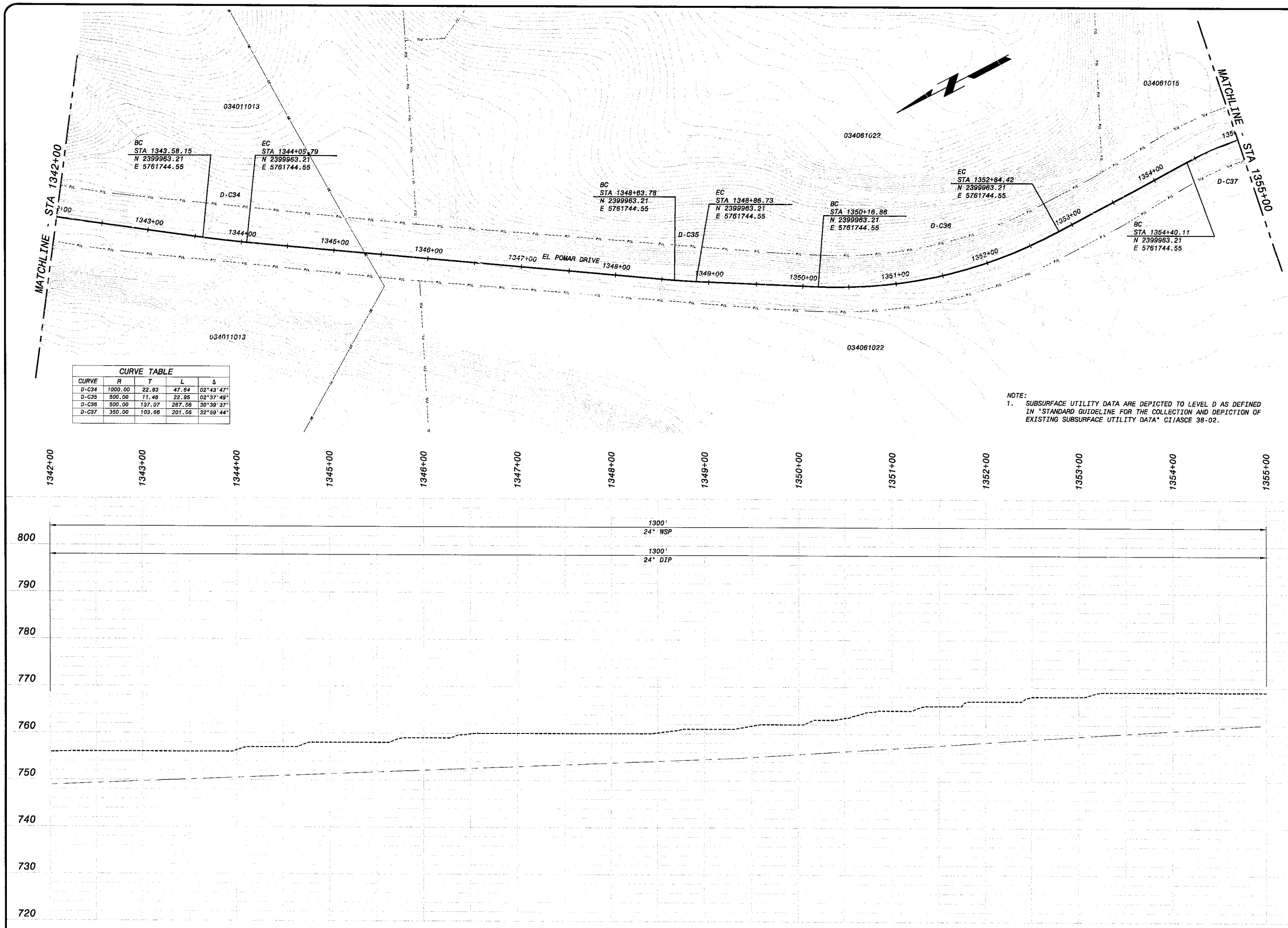
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

DP-C198
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C34	1000.00	22.83	47.64	02°43'47"
D-C35	500.00	11.48	22.95	02°37'49"
D-C36	500.00	137.07	267.56	30°39'37"
D-C37	350.00	103.66	201.56	32°59'44"

NOTE:
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K02 XREF1:d137522.dwg
WF:ACAD TEMPLATE.dwg XREF2:
SAVED: MCC10764, 10/28/2008 3:23:37 PM XREF3:
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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

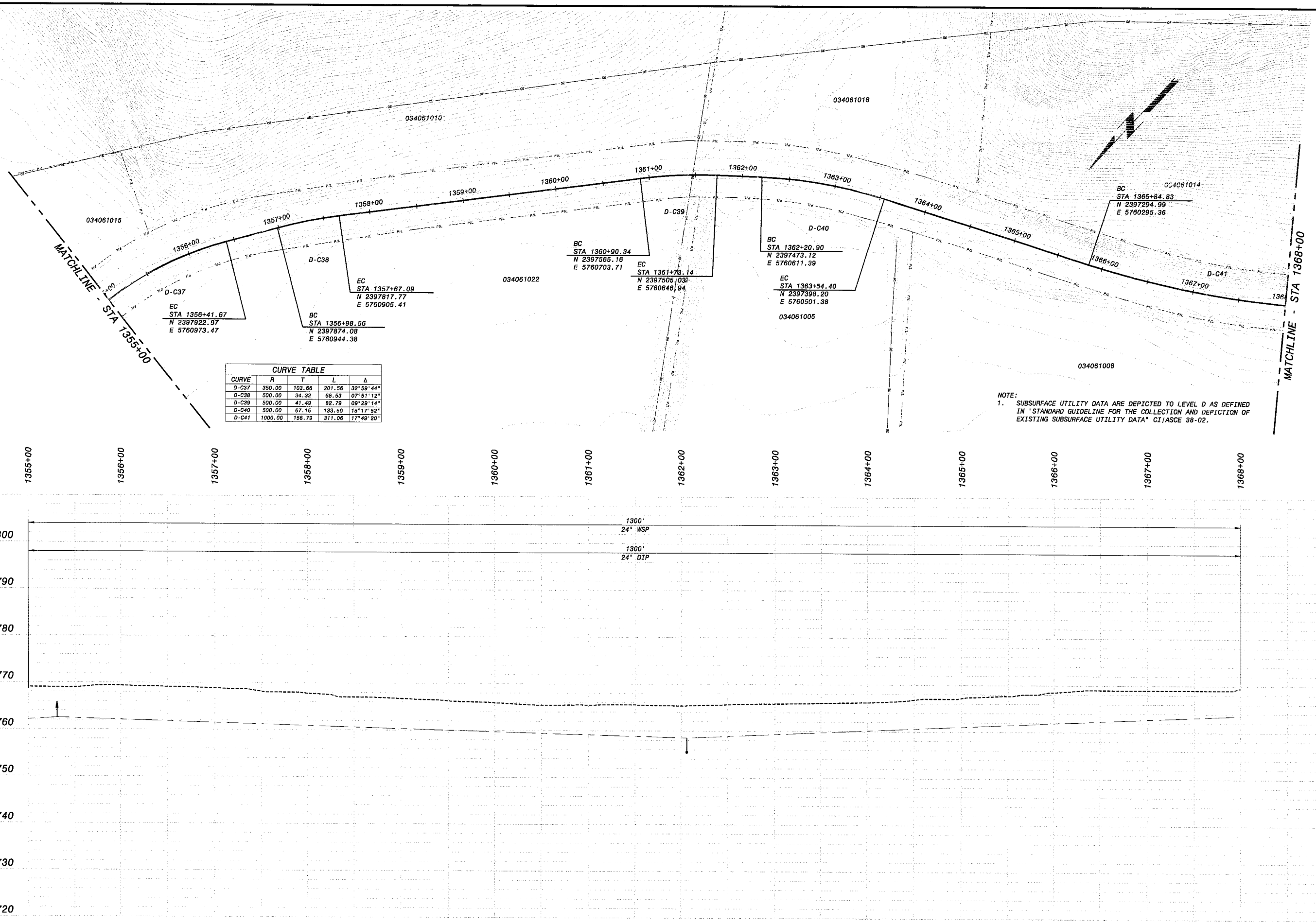
UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1342+00 to 1355+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

DP-C199
SHEET OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C37	350.00	103.66	201.56	32°59'44"
D-C38	500.00	34.32	66.53	07°51'12"
D-C39	500.00	41.49	82.79	09°29'14"
D-C40	500.00	67.15	133.50	15°17'52"
D-C41	1000.00	156.79	311.06	17°49'20"

NOTE:
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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1355+00 to 1368+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

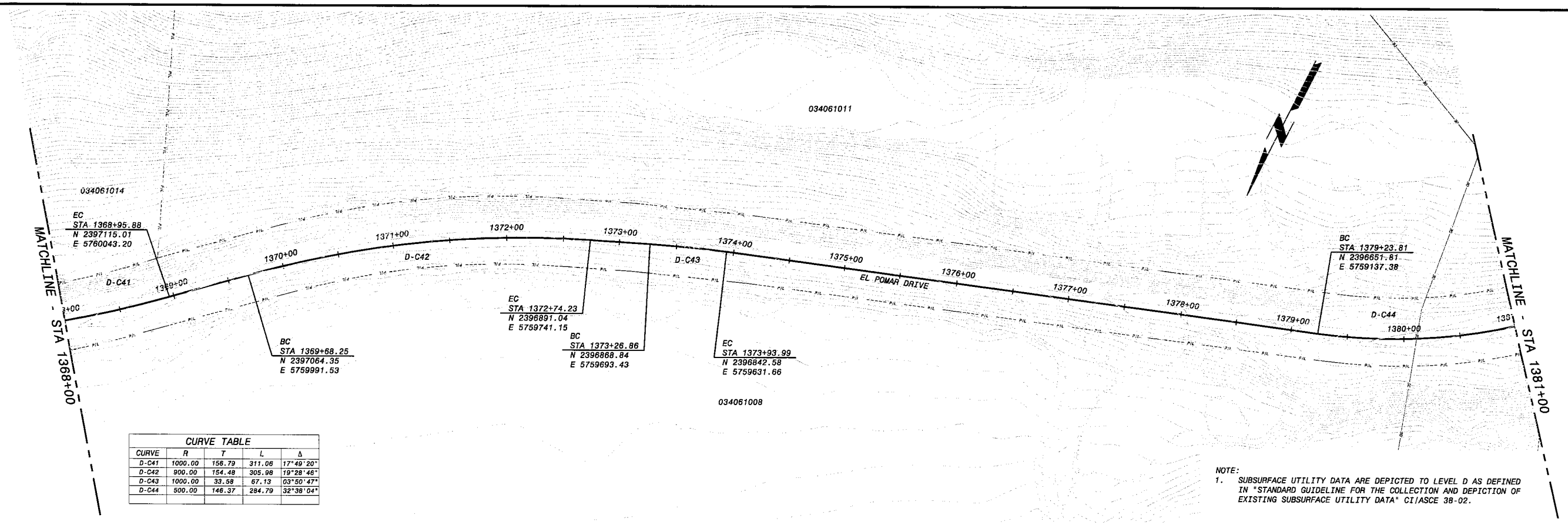
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

DP-C200
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C41	1000.00	156.79	311.06	17°49'20"
D-C42	900.00	154.48	305.98	19°28'46"
D-C43	1000.00	33.58	67.13	03°50'47"
D-C44	500.00	146.37	284.79	32°38'04"

NOTE:
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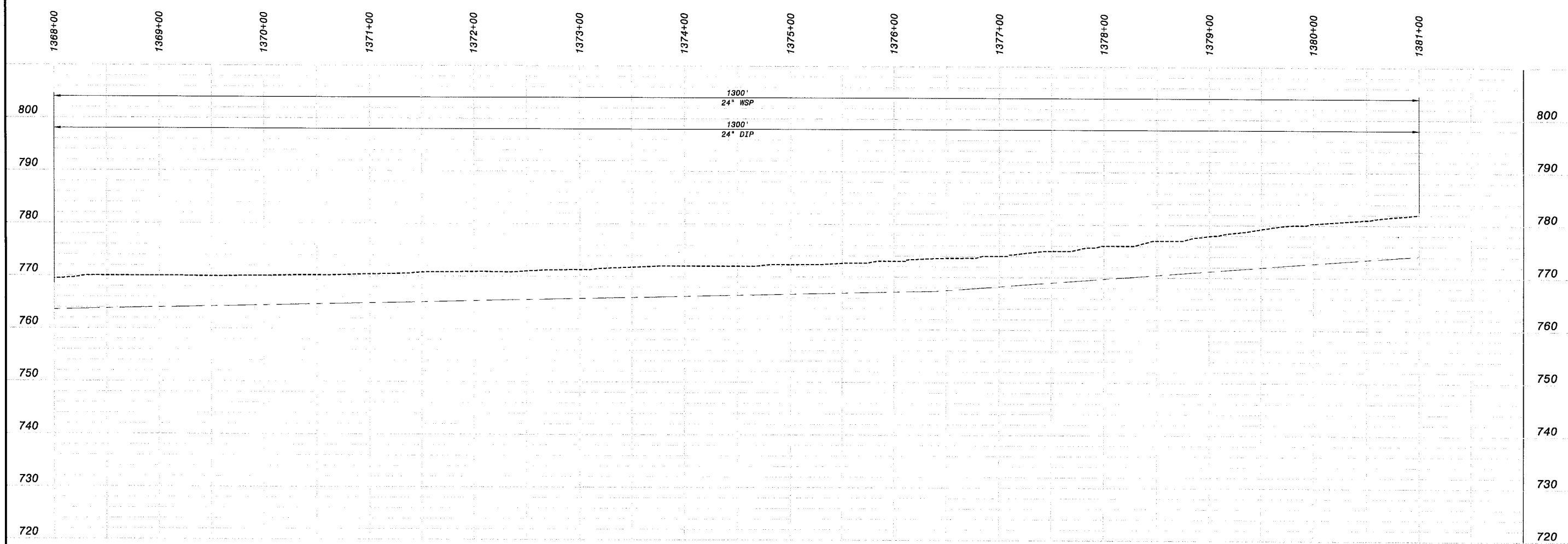

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NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

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CYGNET ID: 137522-DRW-G-E00007K02
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San Luis Obispo County Flood Control & Water Conservation District

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1368+00 to 1381+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

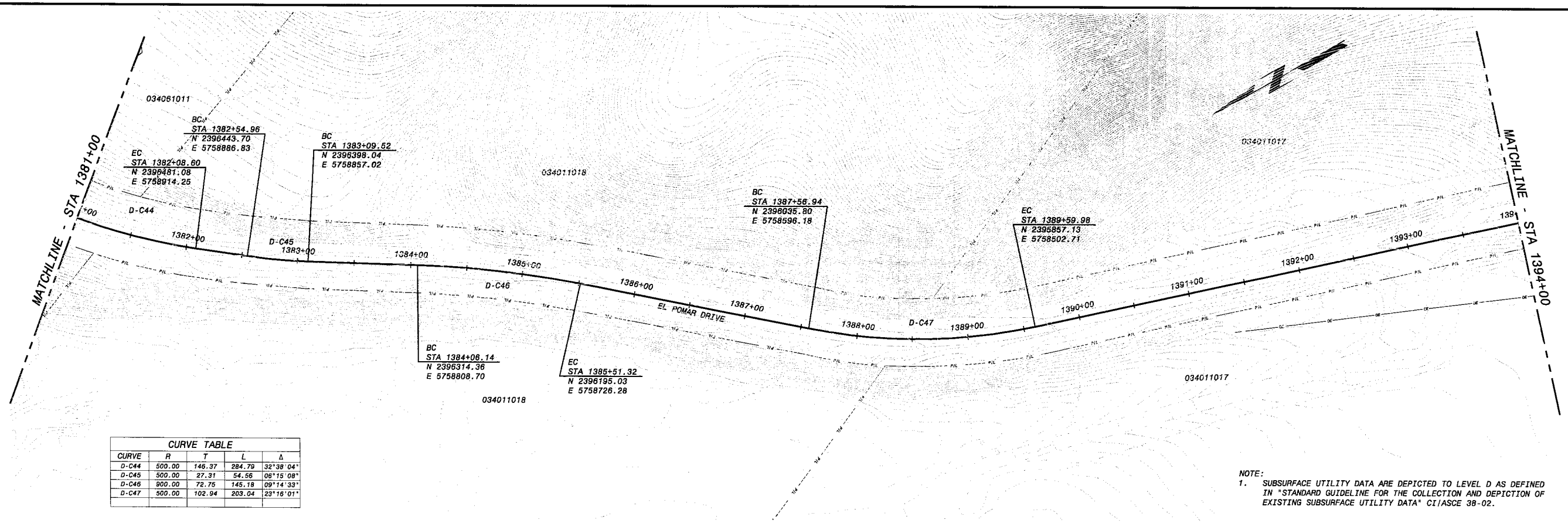
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

DP-C201
SHEET
OF

FD137522
D137522



CURVE TABLE				
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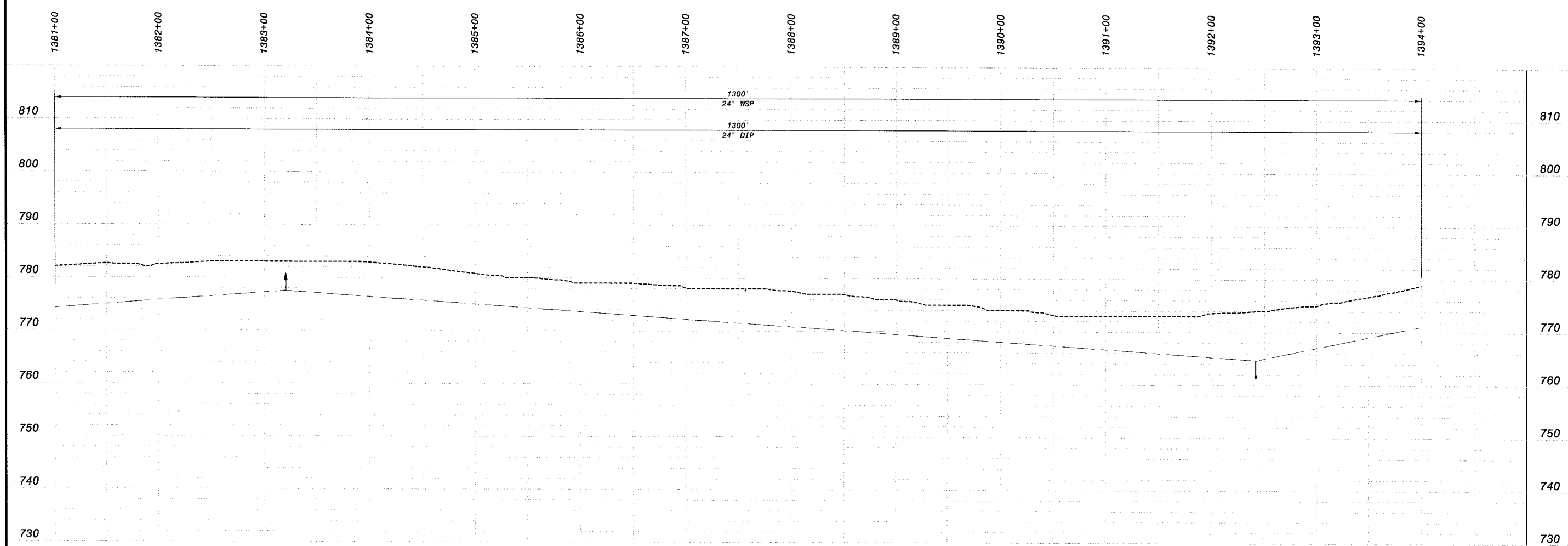
D-C44	500.00	146.37	284.79	32°38'04"
D-C45	500.00	27.31	54.56	06°15'08"
D-C46	900.00	72.75	145.18	09°14'33"
D-C47	500.00	102.94	203.04	23°16'01"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
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1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K02
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USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

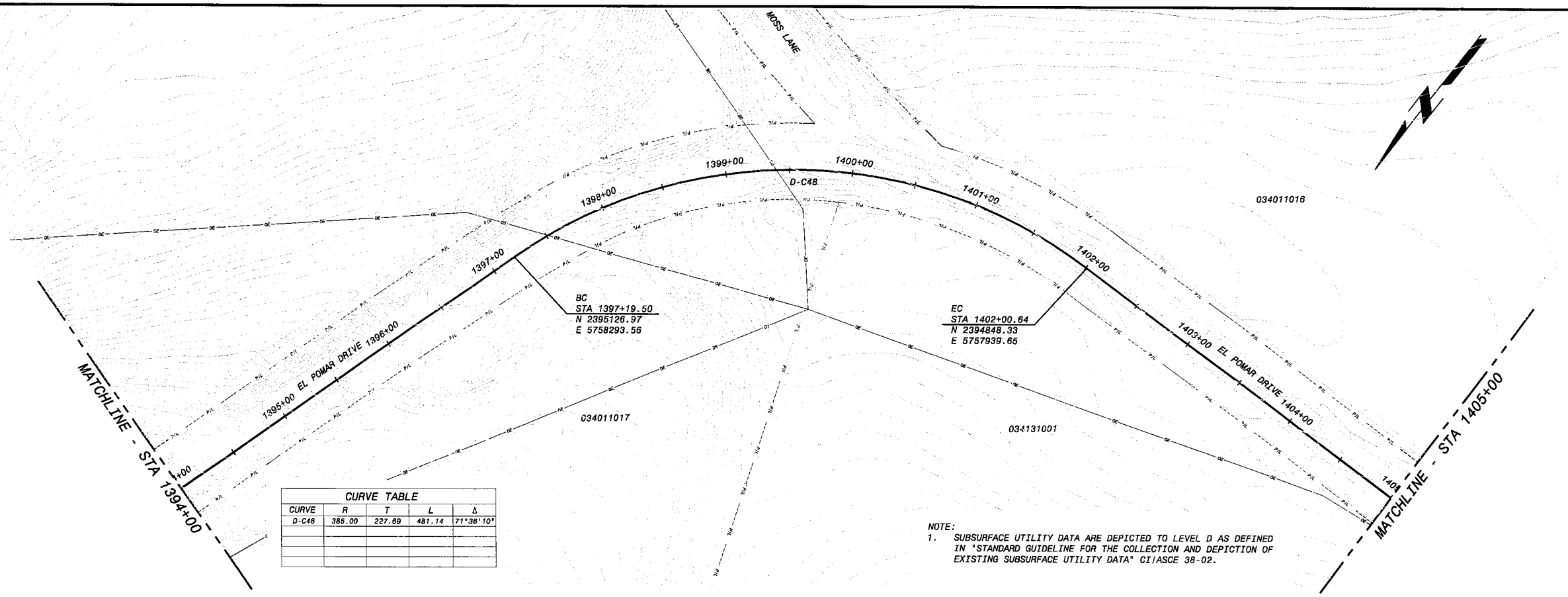
UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1381+00 to 1394+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

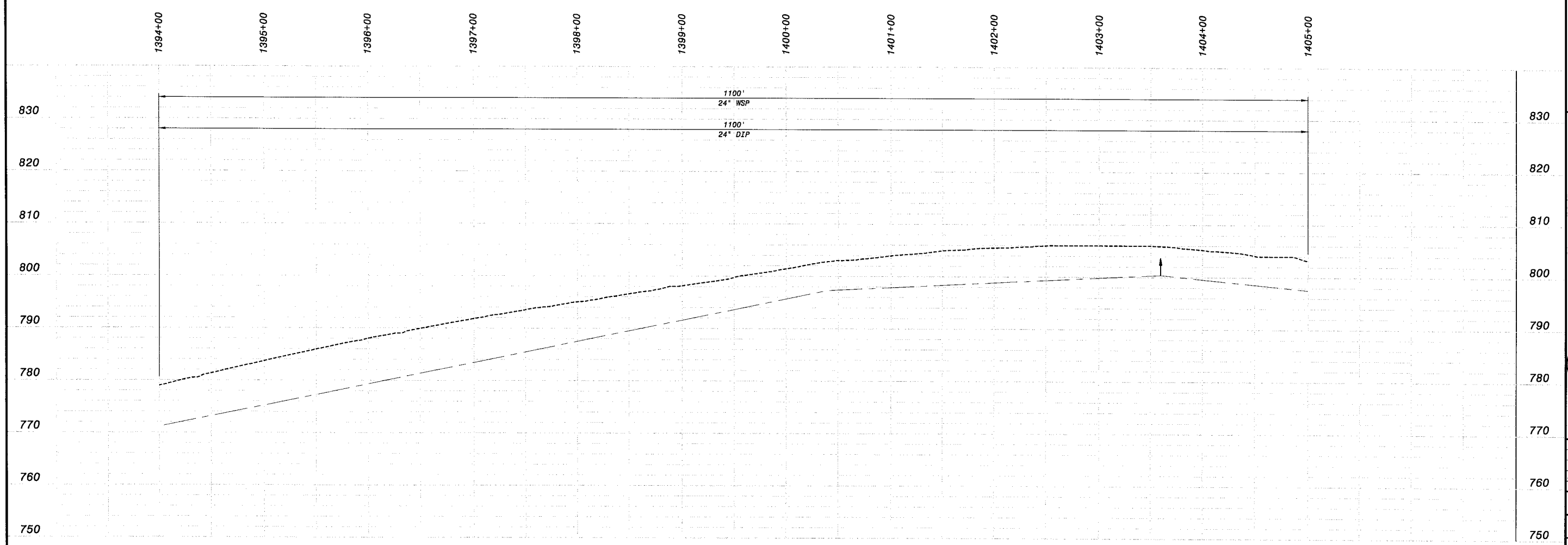
DP-C202
SHEET
OF

F0137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
D-C48	385.00	227.69	481.14	71°36'10"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
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XREF2:
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XREF4:
XREF5:
DWG VER: 1.0

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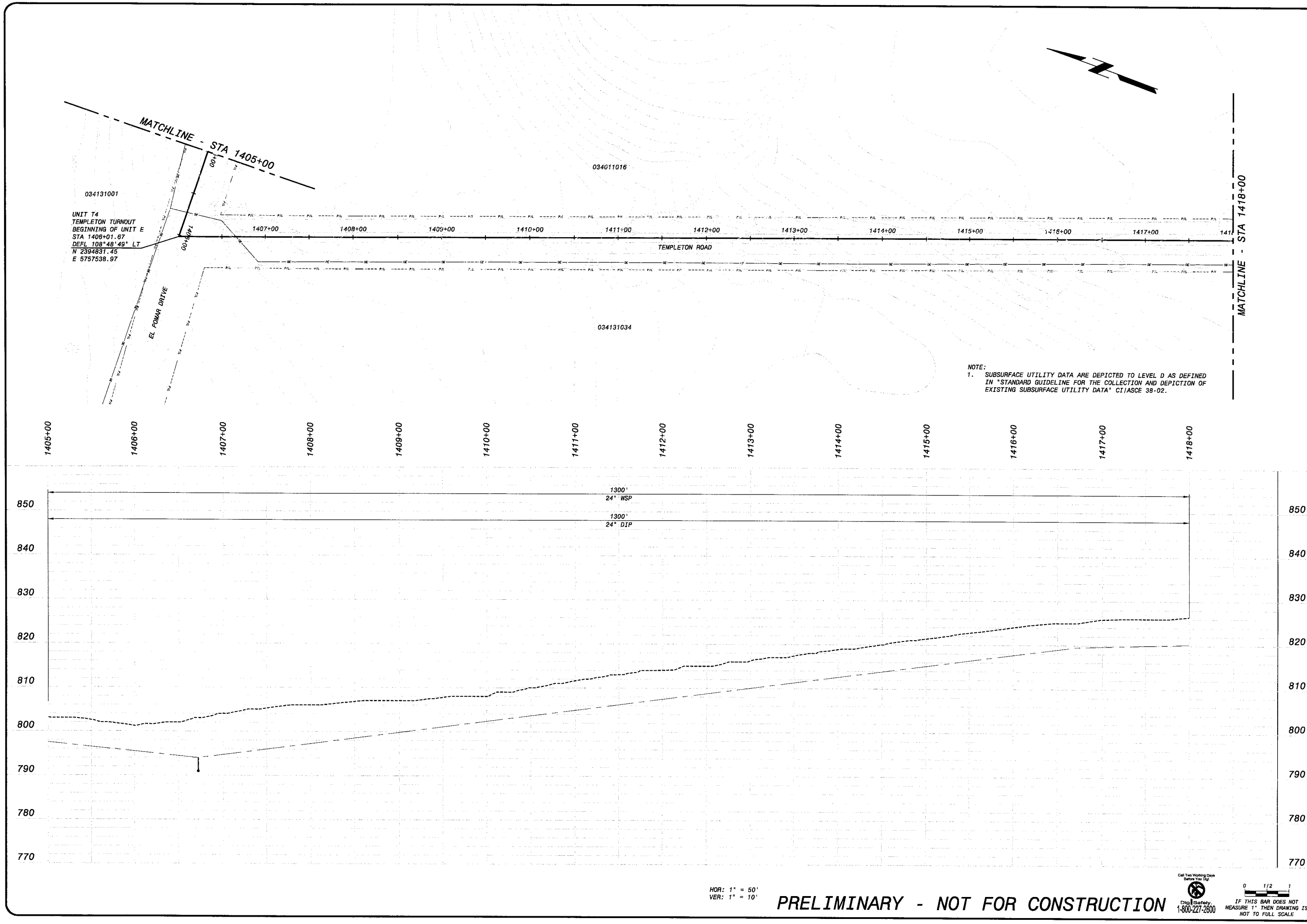
NWP NACIMIENTO WATER PROJECT

UNIT D - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1394+00 to 1405+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
DP-C203
SHEET OF

FD137522
D137522



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
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1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

DATE

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
SAVED: MCC10764, 10/26/2005 3:23:37 PM
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USER: MCC10764
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER: 1.0

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1405+00 to 1418+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

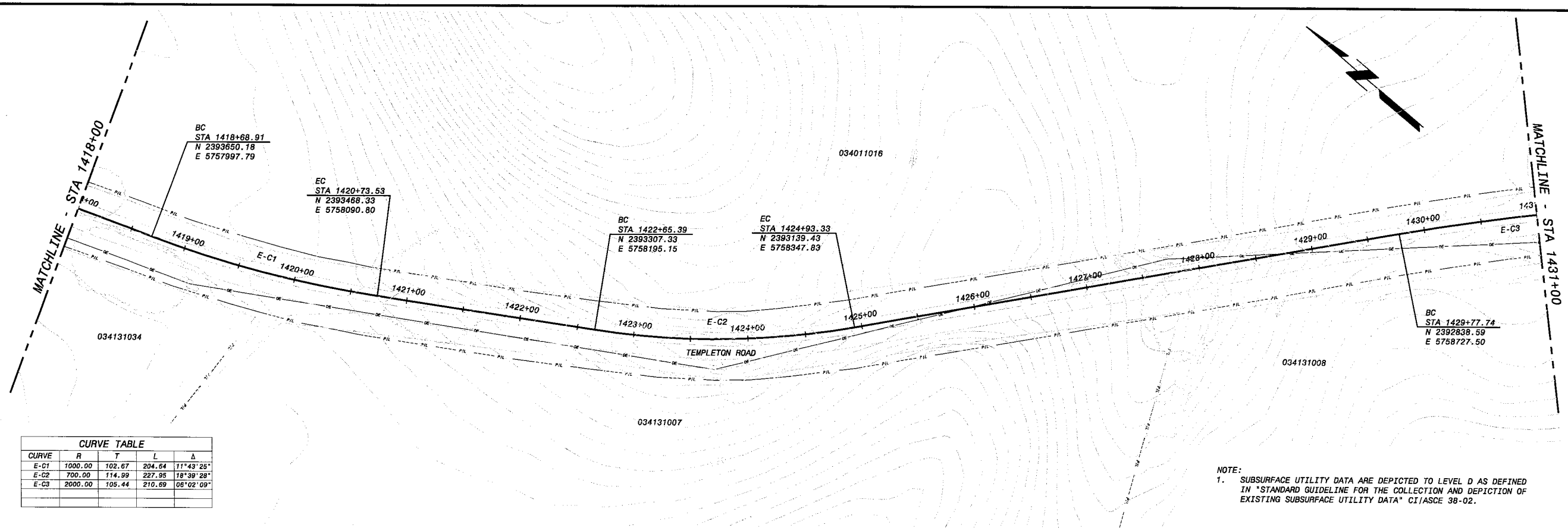
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

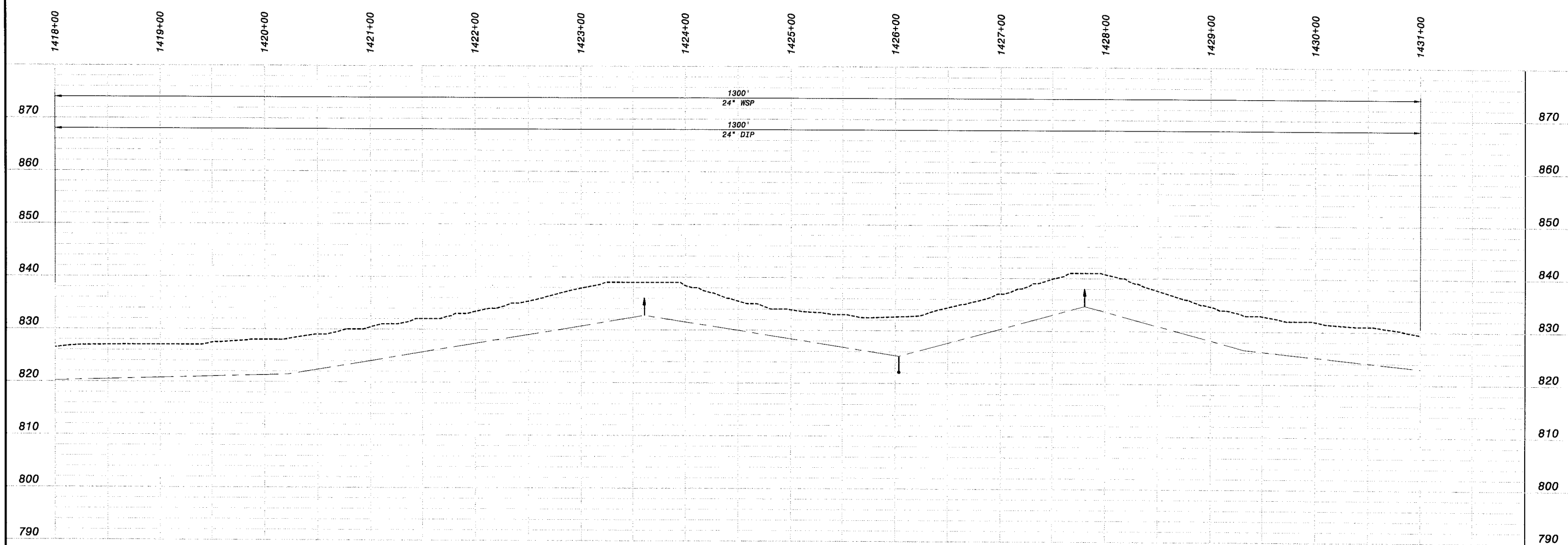
EP-C204
SHEET
OF

FD137522
D137522



CURVE TABLE				
CURVE	R	T	L	Δ
E-C1	1000.00	102.67	204.64	11°43'25"
E-C2	700.00	114.99	227.95	18°39'28"
E-C3	2000.00	105.44	210.69	06°02'09"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007KQZ
WF: ACAD TEMPLATE.dwg
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USER: WCC10784
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XREF2:
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DWG VER: 1.0

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San Luis Obispo County Flood Control & Water Conservation District

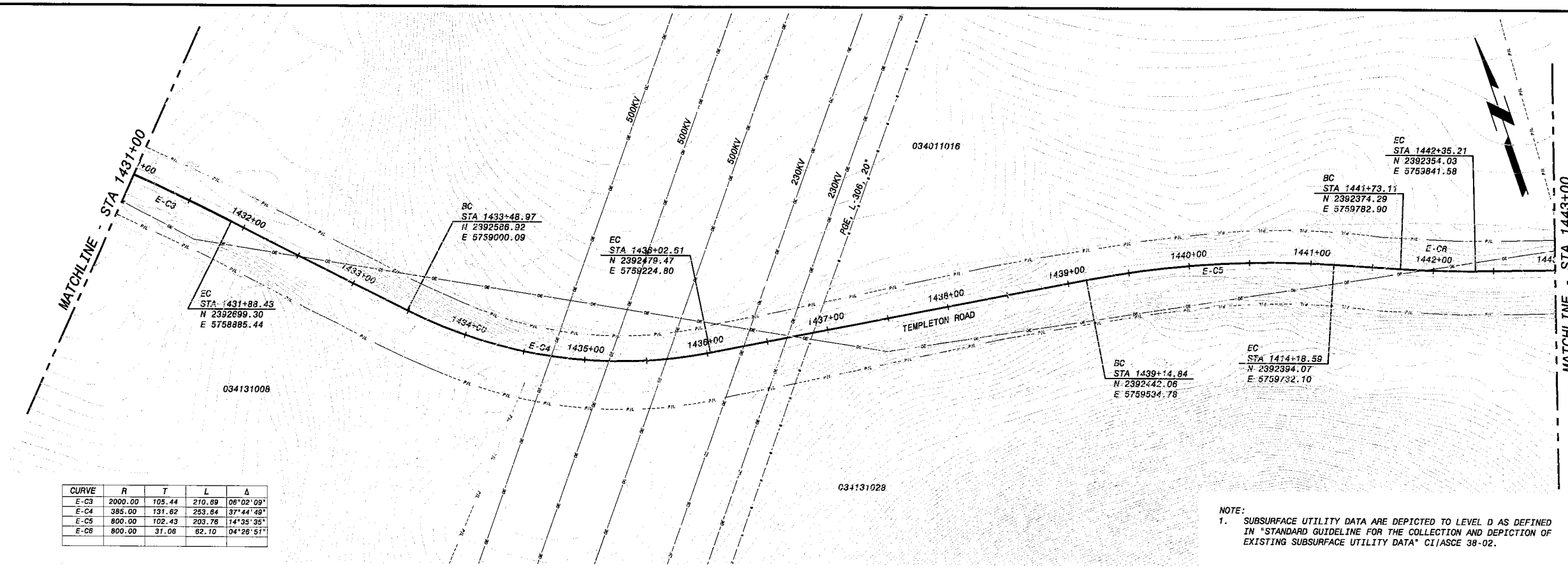
UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1418+00 to 1431+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

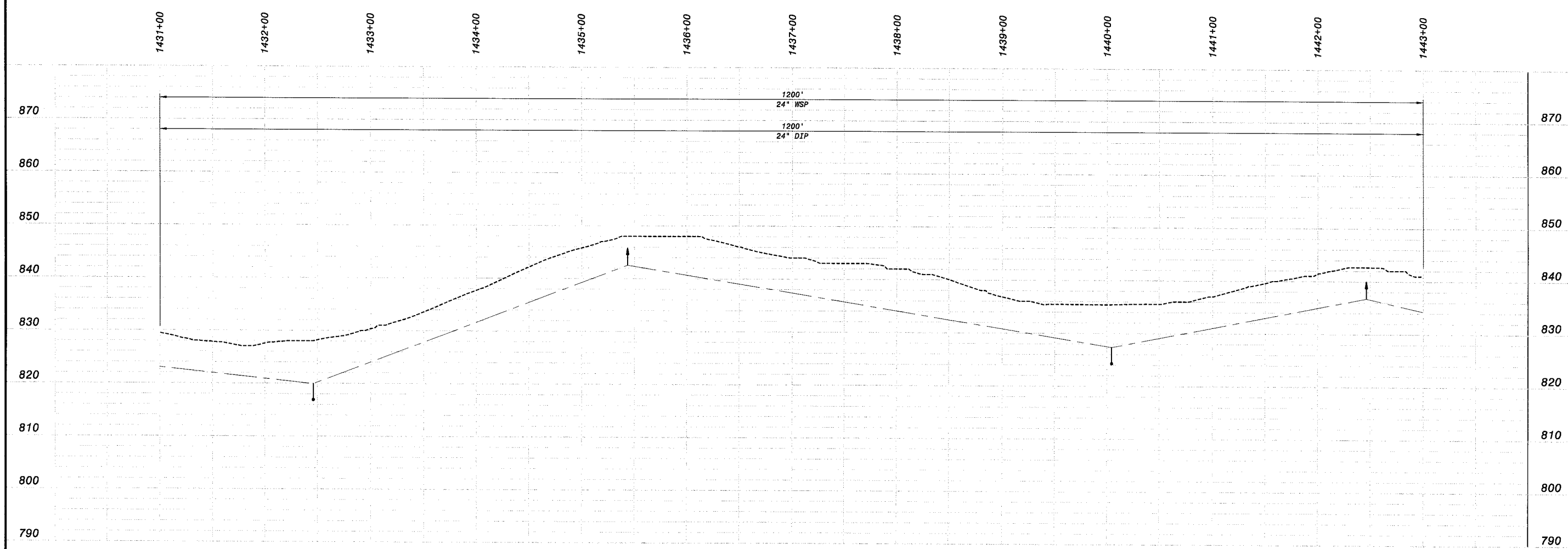
EP-C205
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C3	2000.00	105.44	210.89	06°02'09"
E-C4	385.00	131.62	253.64	37°44'49"
E-C5	800.00	102.43	203.76	14°35'35"
E-C6	800.00	31.06	62.10	04°26'51"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-0-E000070DZ
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XREF2:
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DWG VER: 1.0

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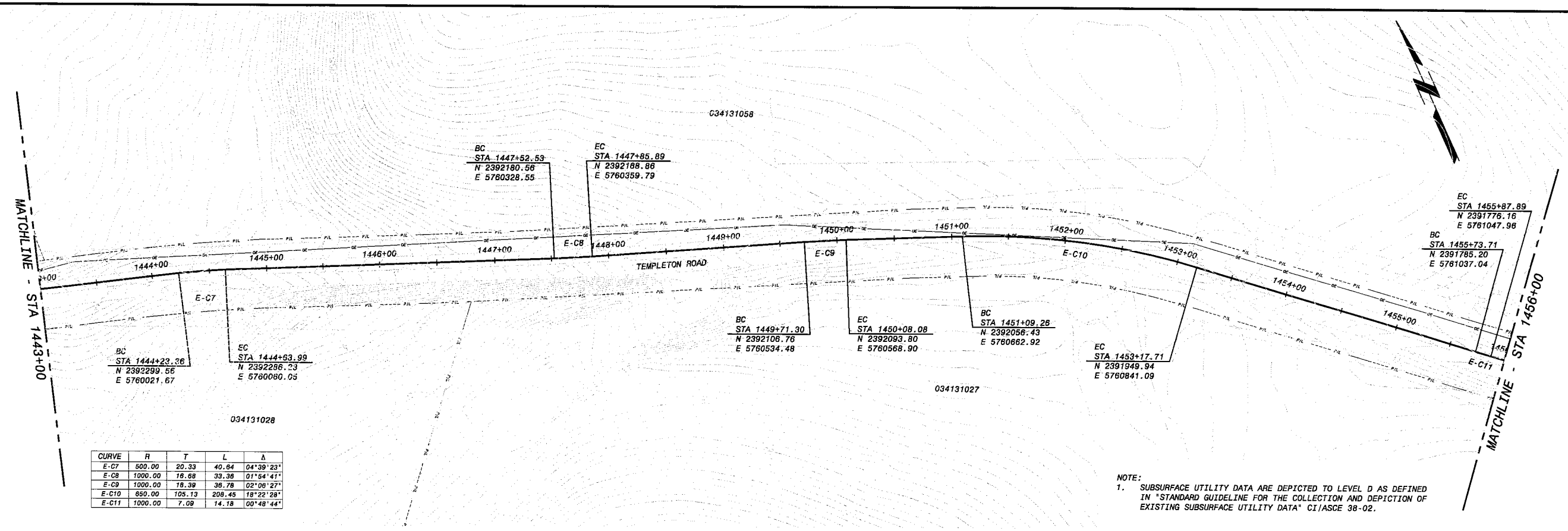
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1431+00 to 1443+00

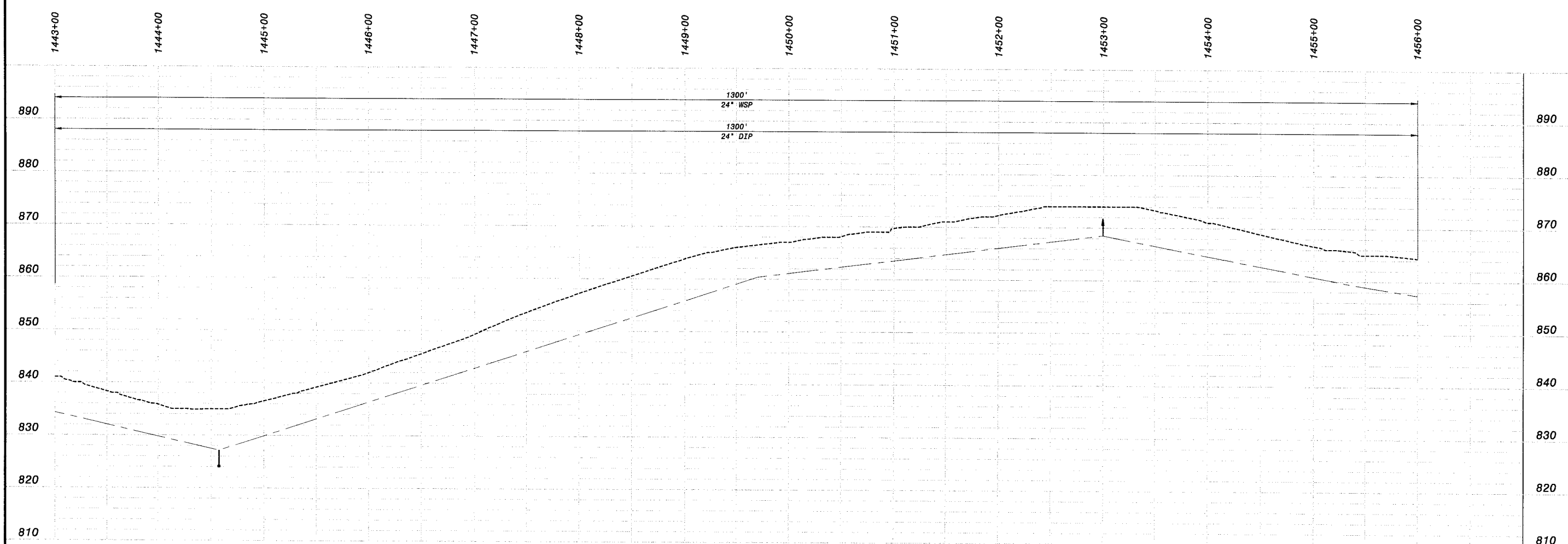
DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
EP-C206
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C7	500.00	20.33	40.64	04°39'23"
E-C8	1000.00	16.68	33.36	01°54'41"
E-C9	1000.00	18.39	36.78	02°06'27"
E-C10	650.00	105.13	208.45	18°22'28"
E-C11	1000.00	7.09	14.18	00°48'44"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
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DWG VER: 1.0
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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

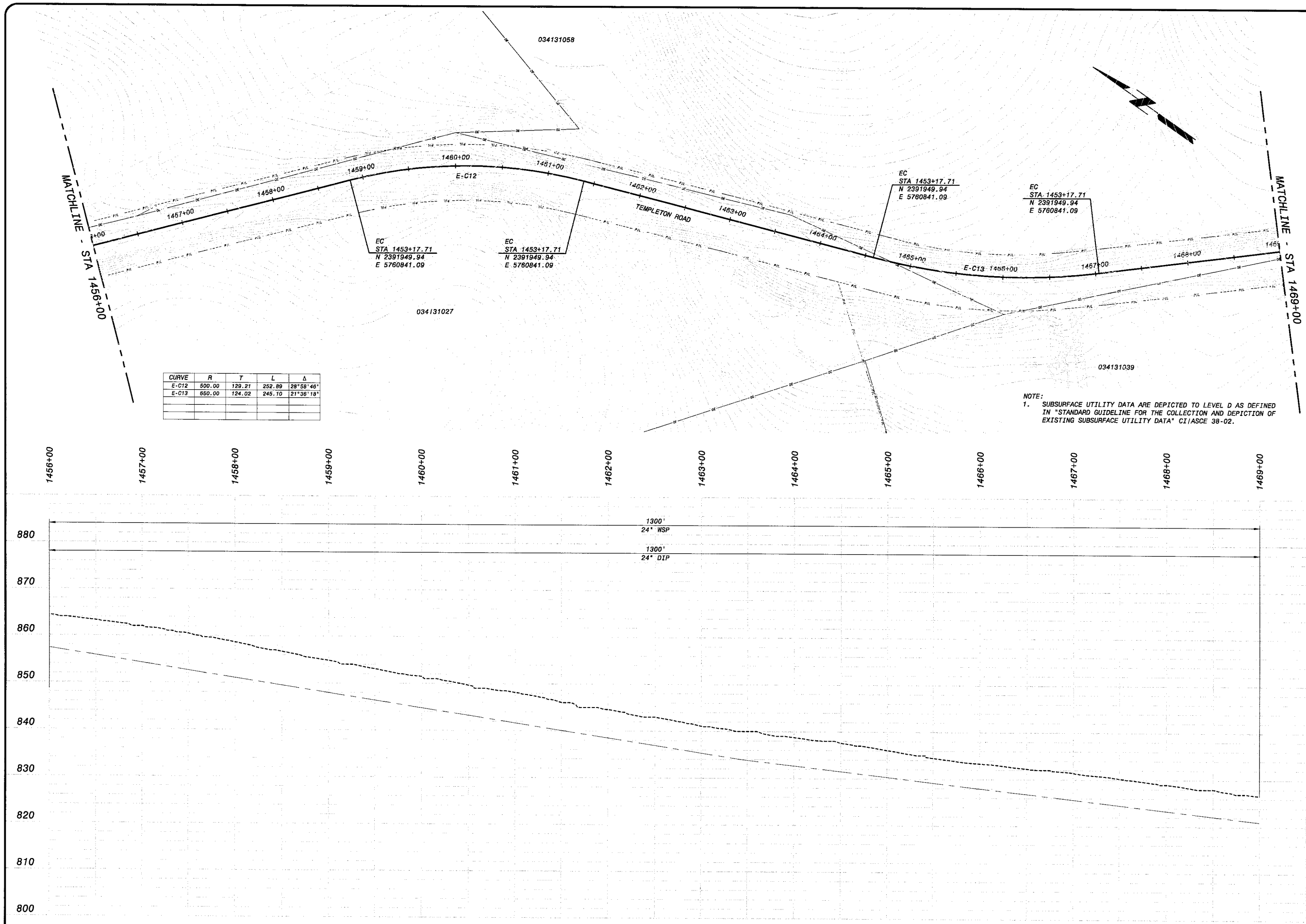
UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1443+00 to 1456+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

EP-C207
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C12	500.00	129.21	252.89	28°58'46"
E-C13	650.00	124.02	245.10	21°36'18"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
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XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT

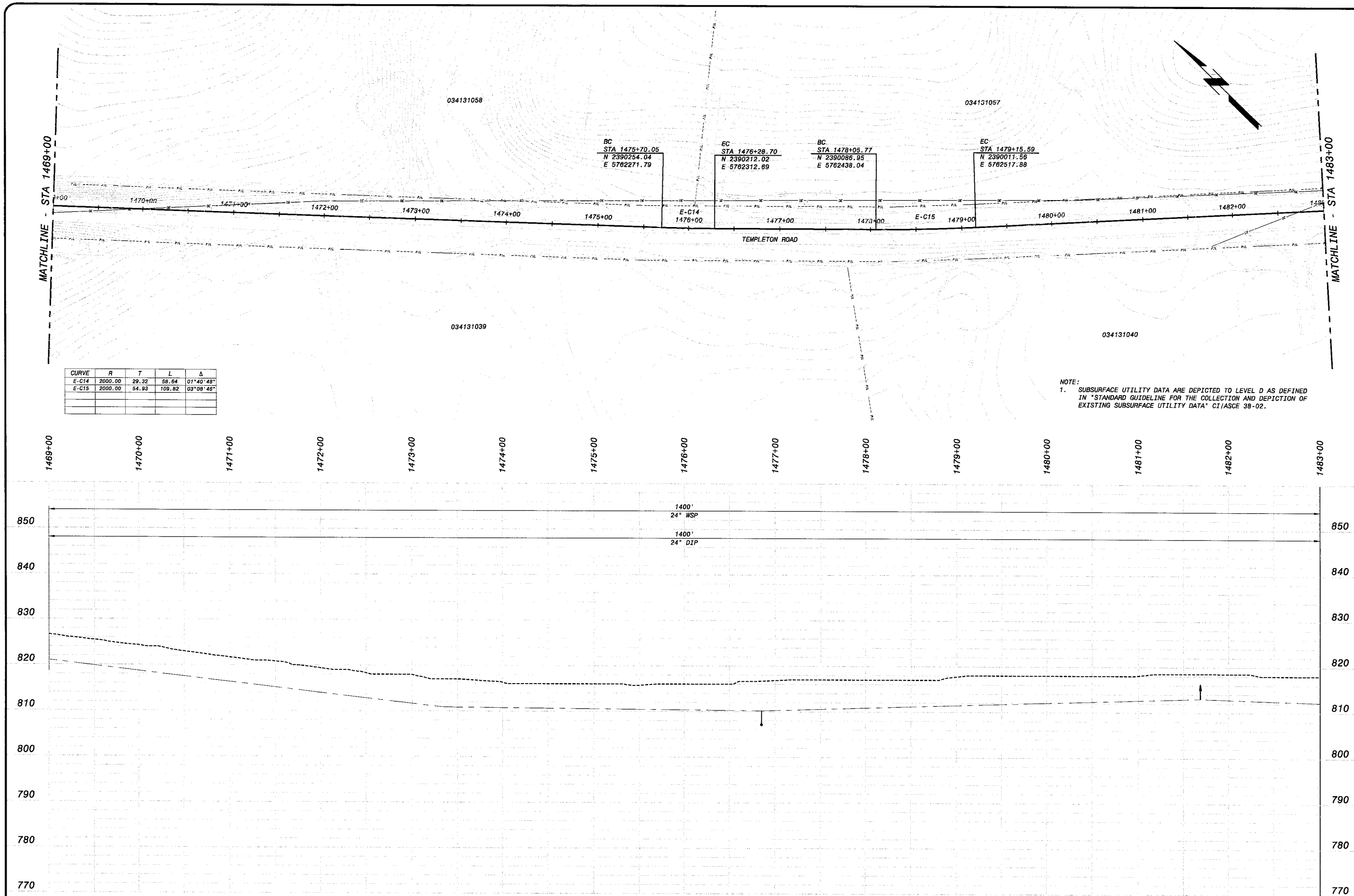
UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1456+00 to 1469+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

EP-C208
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C14	2000.00	29.32	58.64	01°40'48"
E-C15	2000.00	54.93	109.82	03°08'46"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007XDZ
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USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1469+00 to 1483+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

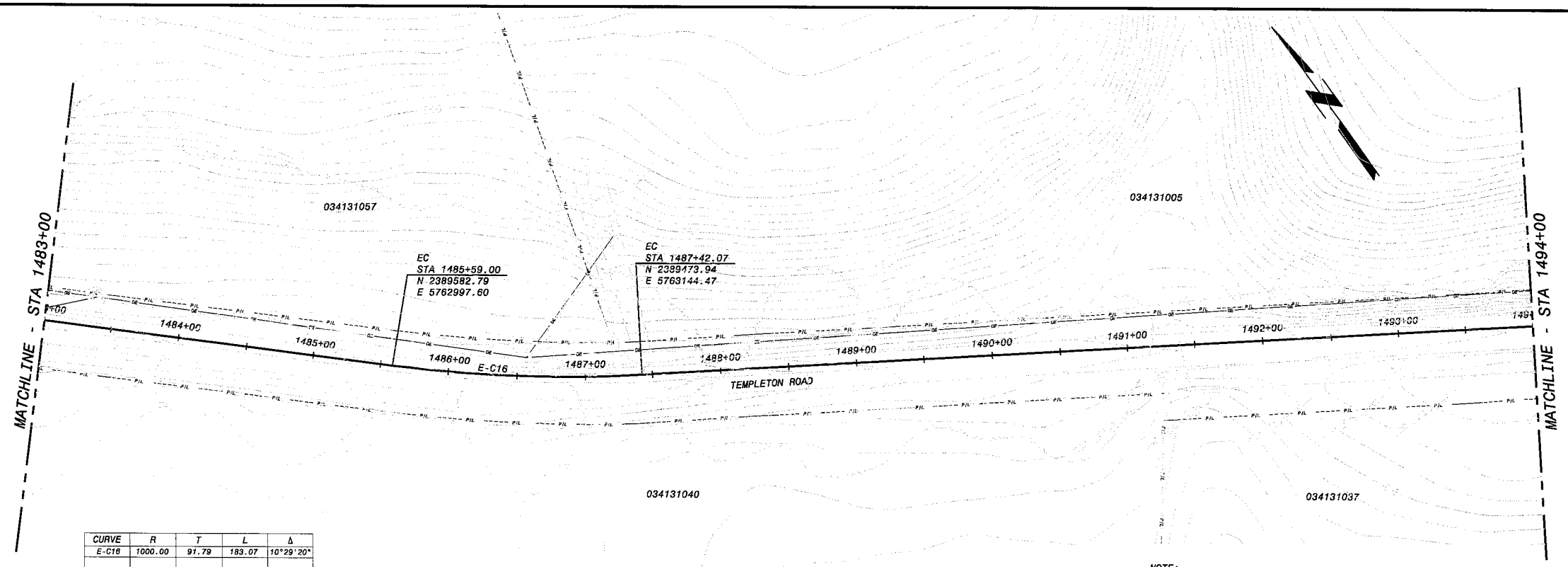
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

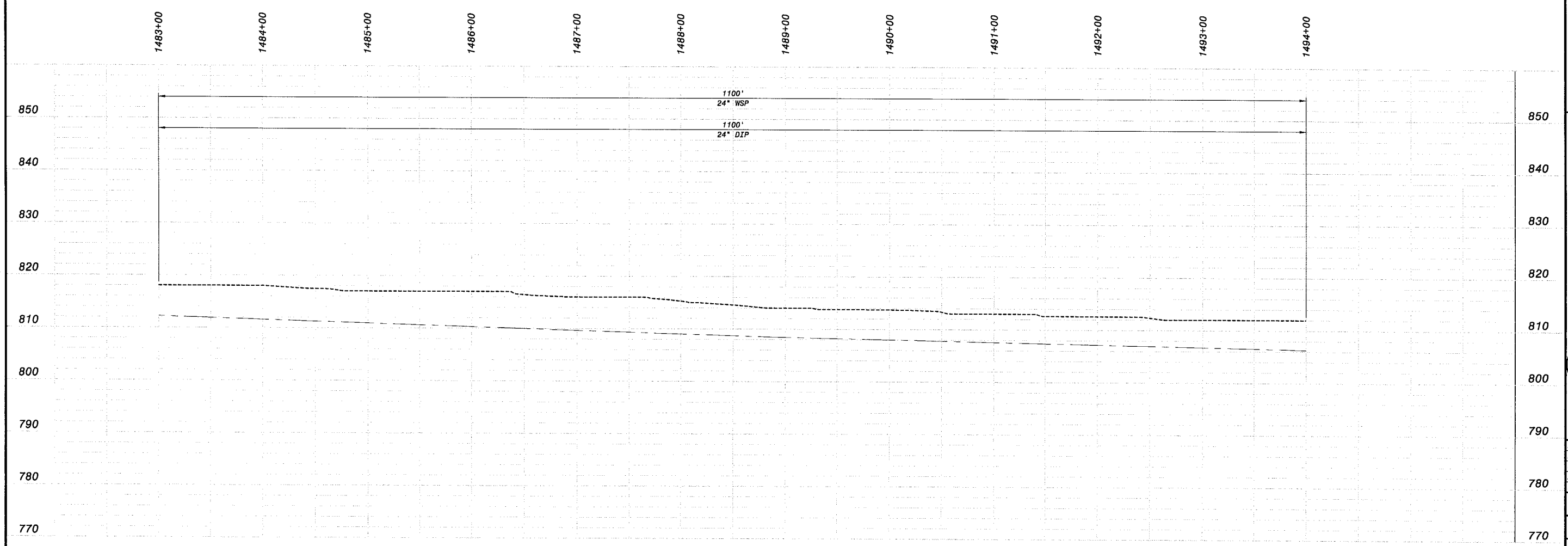
EP-C209
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C16	1000.00	91.79	183.07	10°29'20"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

DATE	
CYGNET ID: 137522-DRW-G-E00007K02	XREF1: d137522.dwg
WF: ACAD TEMPLATE.dwg	XREF2:
SAVED: MCC10764, 10/26/2005 3:23:37 PM	XREF3:
PLOTTED:	XREF4:
USER: MCC10764	DWG VER: 1.0 XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County | Heal Counties & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1483+00 to 1494+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

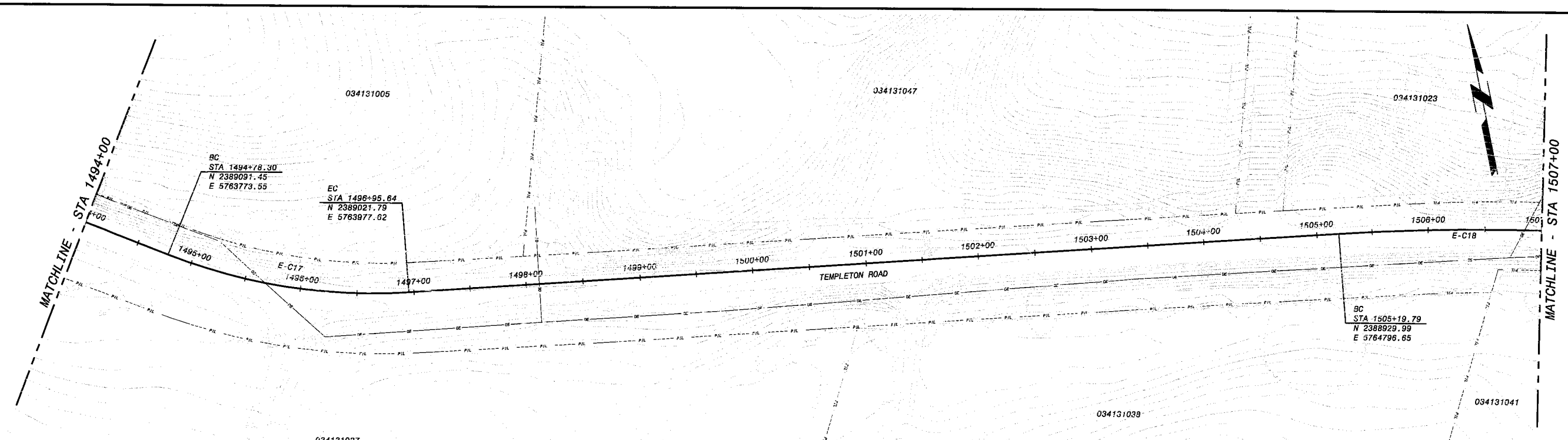
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

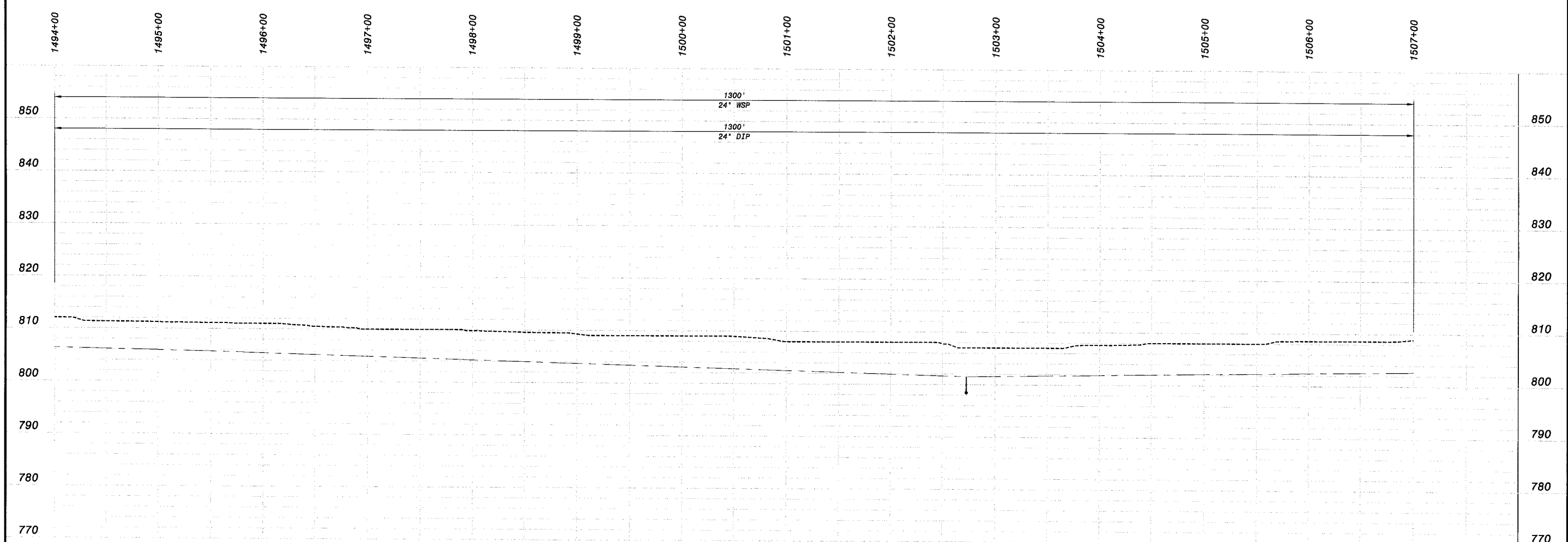
EP-C210
SHEET
OF

PD137522
D137522



CURVE	R	T	L	Δ
E-C17	500.00	110.41	217.34	24°54'19"
E-C18	2000.00	131.44	262.61	07°31'13"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
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USER: MCC10764
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XREF1: d137522.dwg
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XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT
Salinas Valley Water Project • Nacimiento Water Project • Salinas Valley Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1494+00 to 1507+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

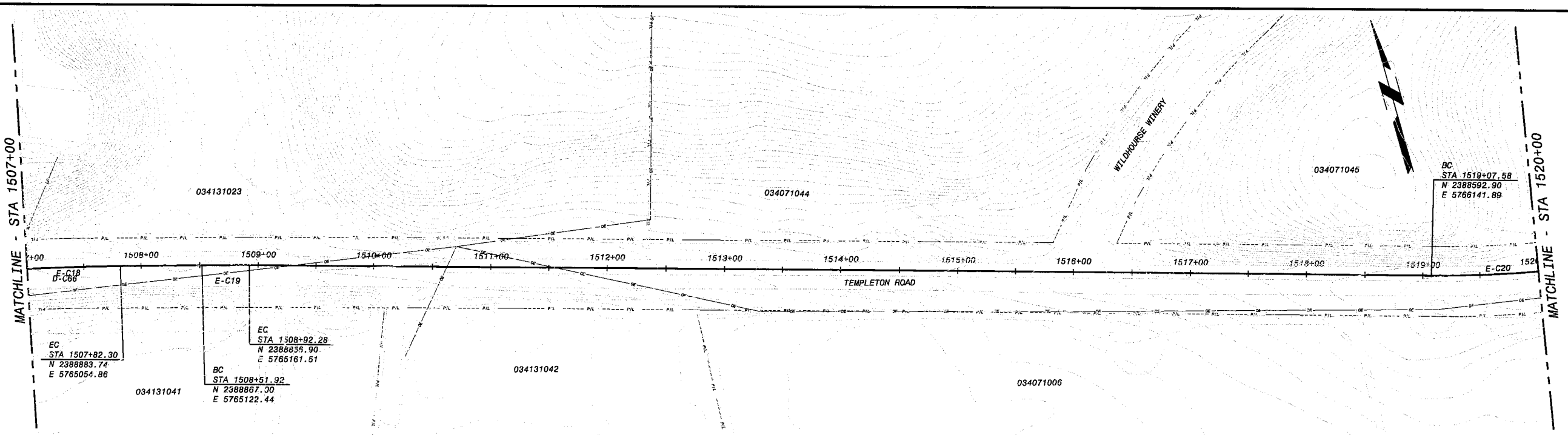
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

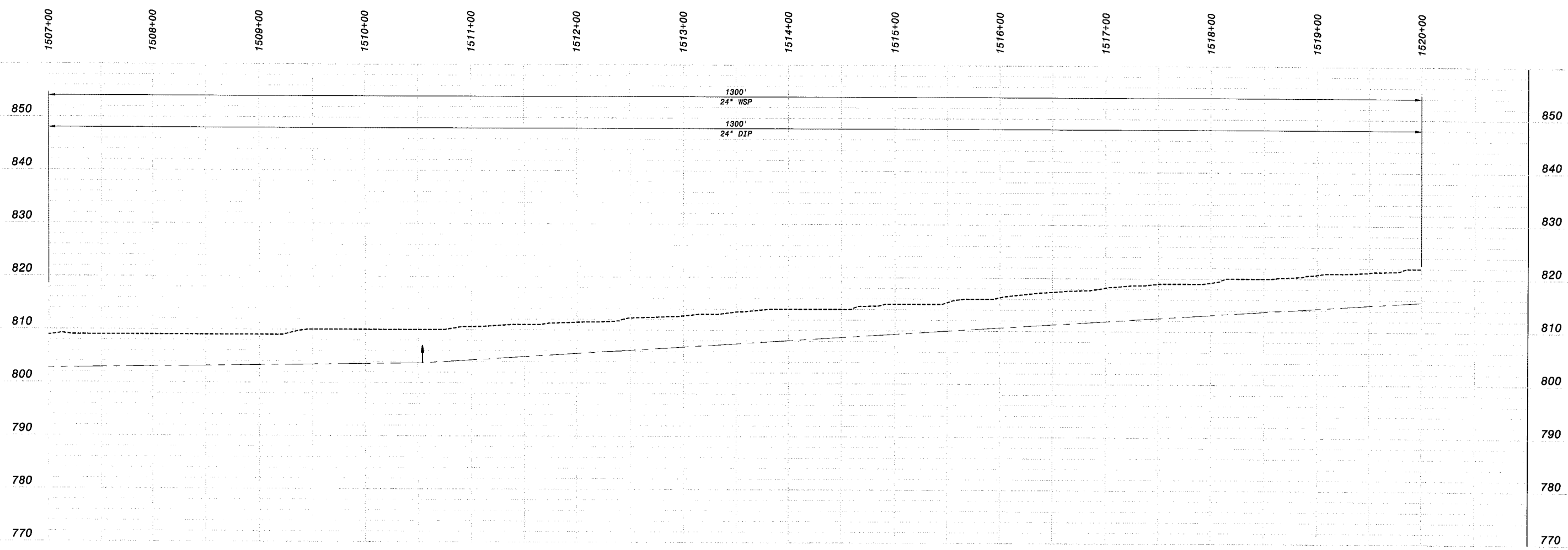
EP-C211
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C18	2000.00	131.44	262.51	07°31'13"
E-C19	2000.00	20.16	40.35	01°09'22"
E-C20	900.00	122.97	244.44	15°33'41"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007KDZ
WF: ACAD TEMPLATE.dwg
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PLOTTED:
USER: MCC10784
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER: 1.0

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BOYLE
ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1507+00 to 1520+00

DESIGNED:	J.GARCIA
DETAILED:	D. GHILARDUCCI
CHECKED:	
APPROVED:	
DATE:	01/20/06

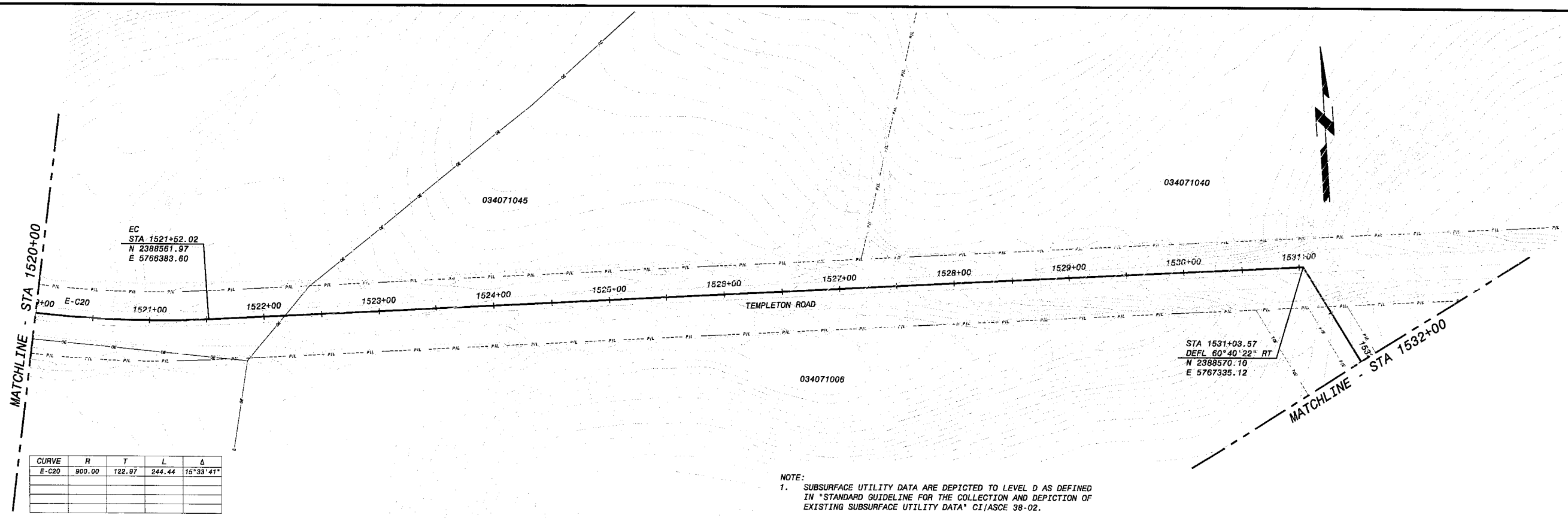
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

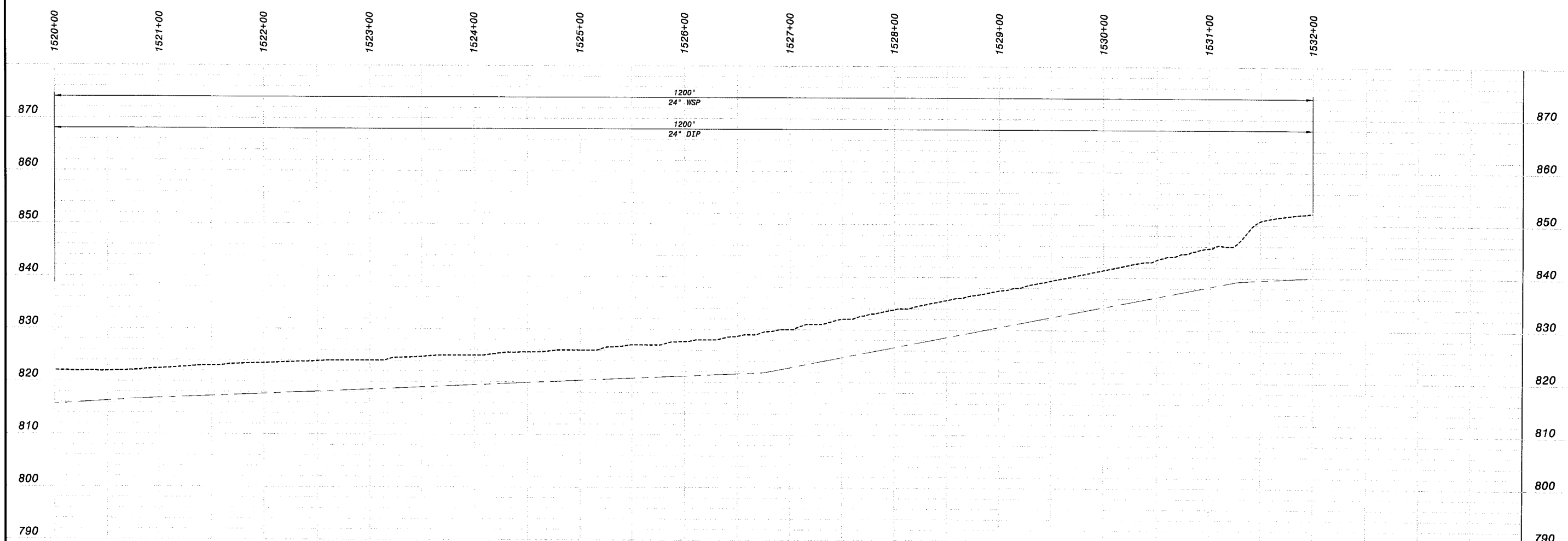
EP-C212
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C20	900.00	122.97	244.44	15°33'41"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF:ACAD TEMPLATE.dwg
SAVED: WCC10764, 10/26/2005 3:23:37 PM
PLOTTED:
USER: WCC10764
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER: 1.0

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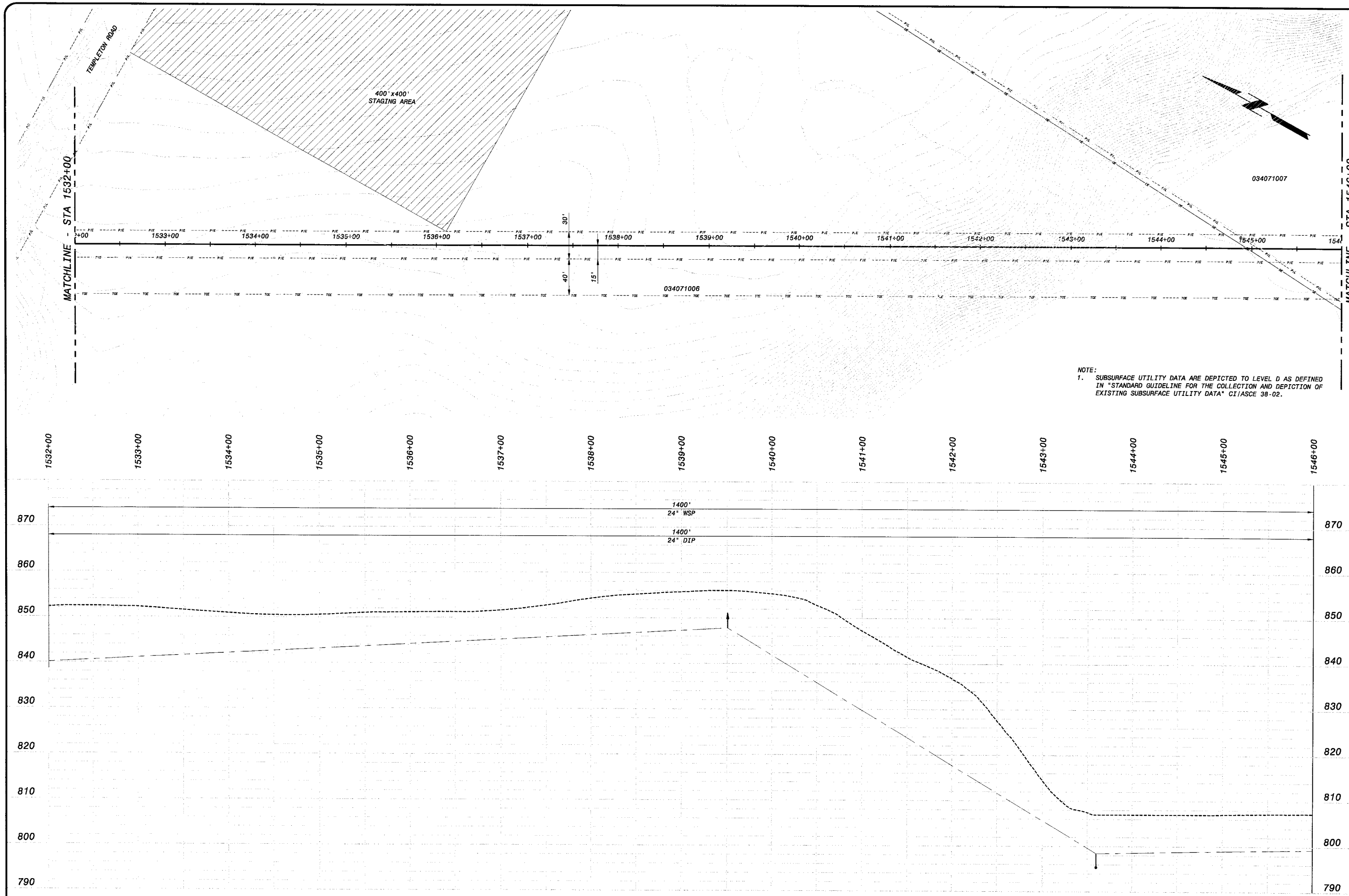
BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1520+00 to 1532+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
EP-C213
SHEET OF

FD137522
D137522



NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP	DATE	REVISIONS AND RECORD OF ISSUE

CYGNET ID: 137522-DRW-G-E00007KDZ
WF: ACAD TEMPLATE.dwg
SAVED: WCC10764, 10/26/2005 3:23:37 PM
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XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1532+00 to 1546+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

EP-C214
SHEET
OF

FD137522
D137522

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137622-DRW-G-E0000702 XREF1: d137522.dwg
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SAVED: MCC10764, 10/26/2005 3:23:37 PM XREF3:
PLOTTED: XREF4:
USER: MCC10764 DWG VER: 1.0 XREF5:

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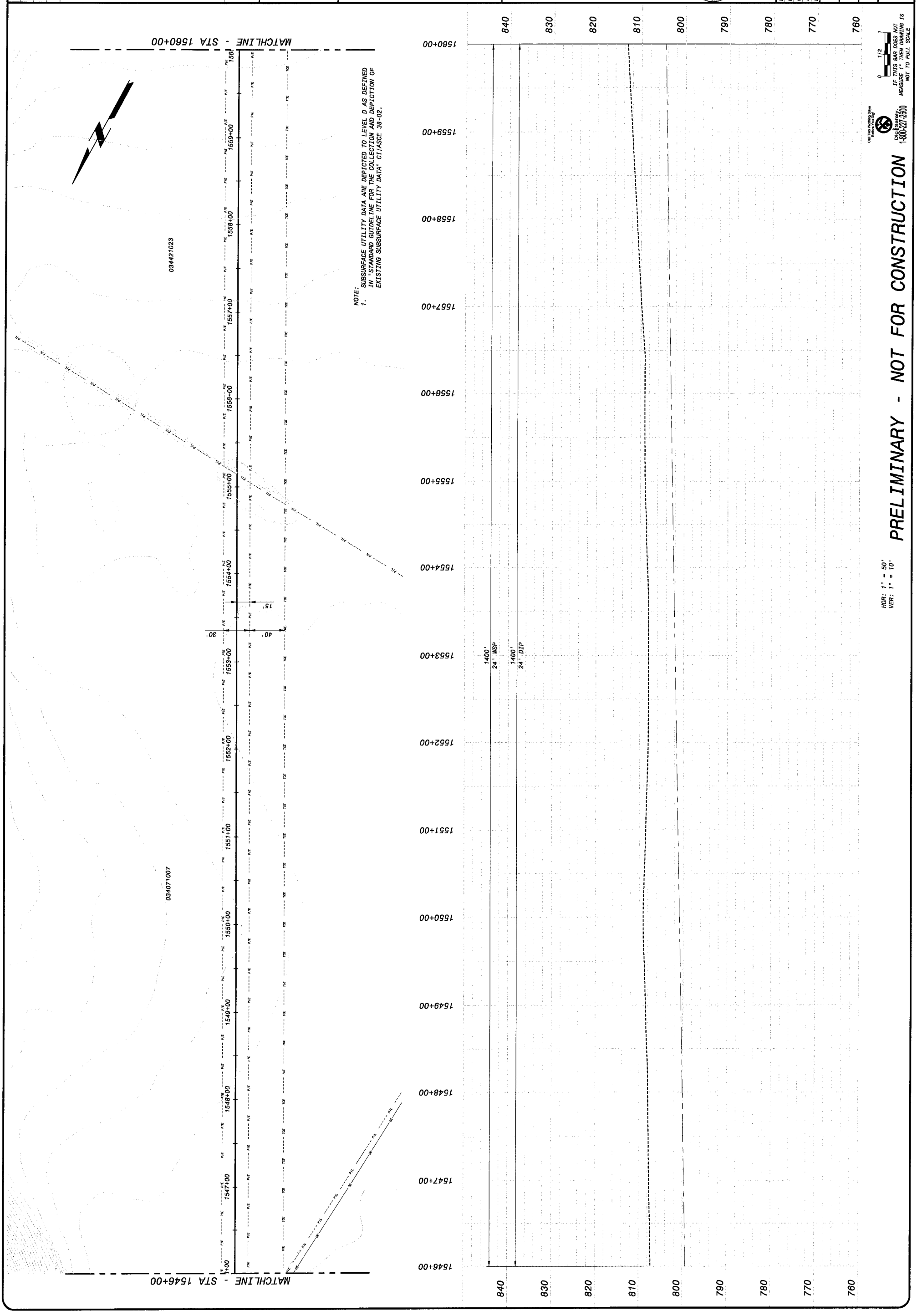
ROYLE
ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1546+00 to 1560+00

DESIGNED: J. GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

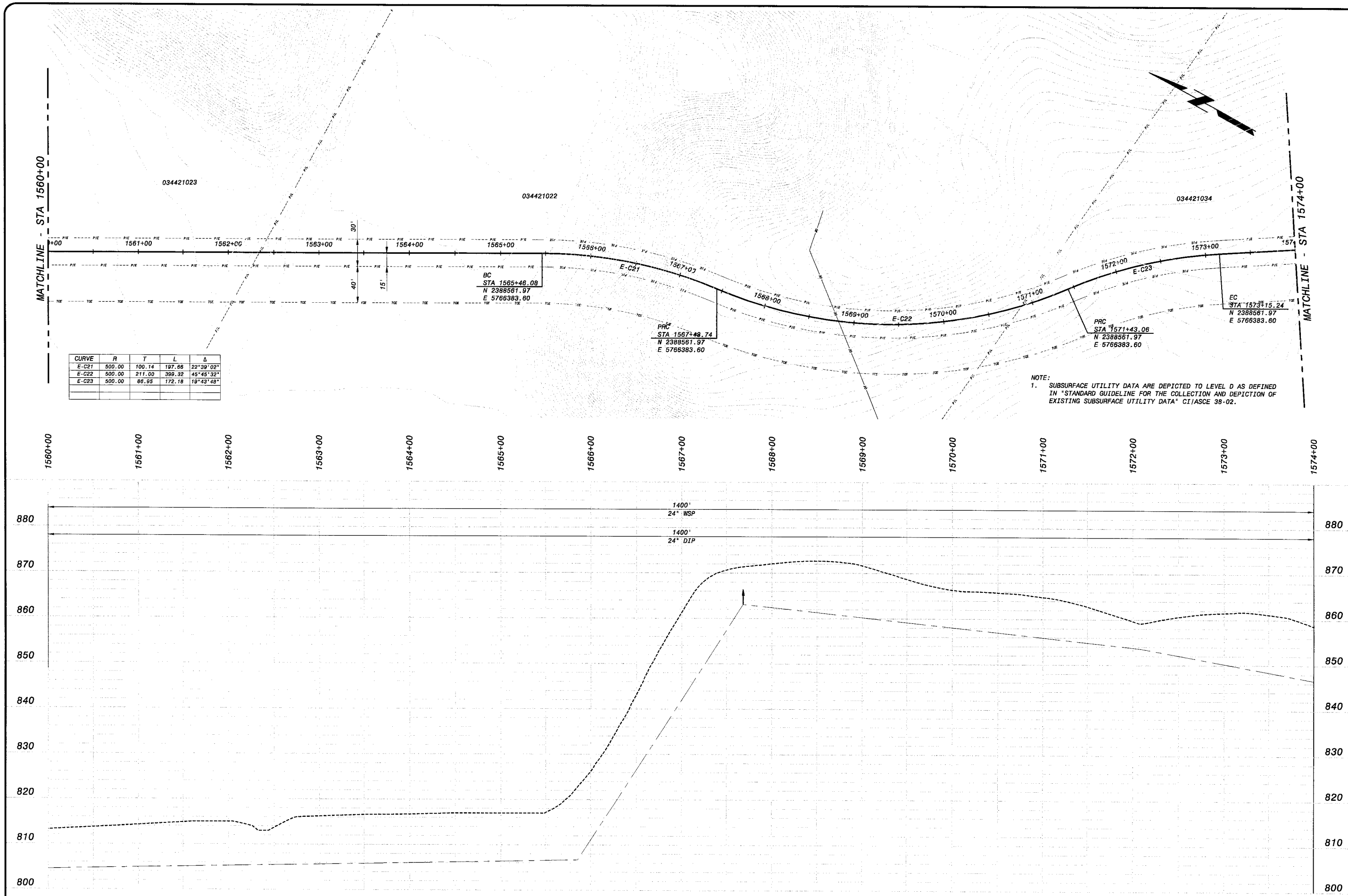
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
EP-C215 SHEET OF



PRELIMINARY - NOT FOR CONSTRUCTION

HOR: 1" = 50'
VER: 1" = 10'

FD137522
D137522



CURVE	R	T	L	Δ
E-C21	500.00	100.14	197.66	22°39'02"
E-C22	500.00	211.00	399.32	45°45'32"
E-C23	500.00	86.95	172.18	19°43'48"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
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USER: WCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1560+00 to 1574+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

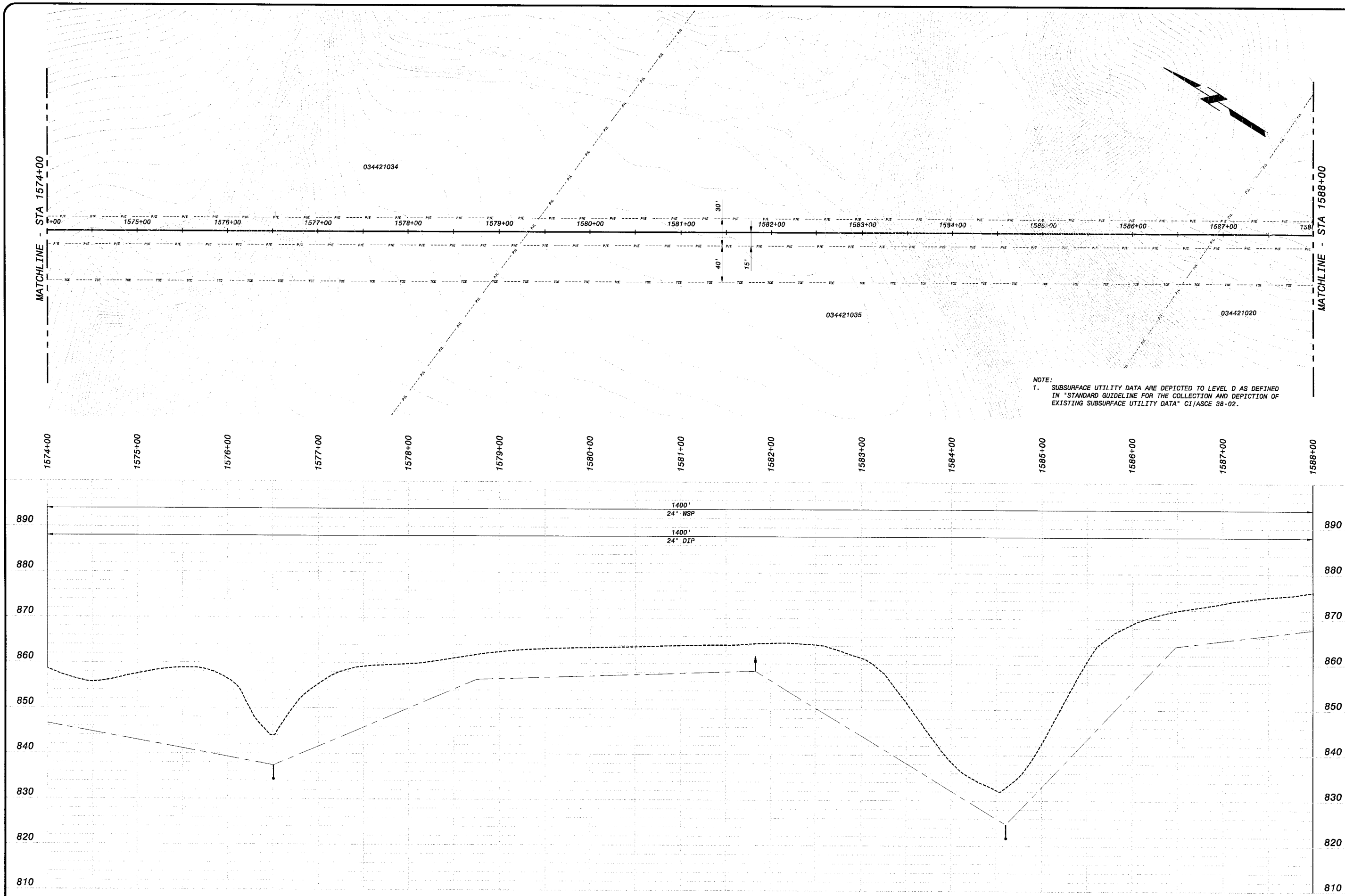
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

EP-C216
SHEET
OF

FD137522
D137522



NOTE:
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HOR: 1" = 50'
VER: 1" = 10'

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
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XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Parks & Coastal & Water Conservation Districts

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1574+00 to 1588+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

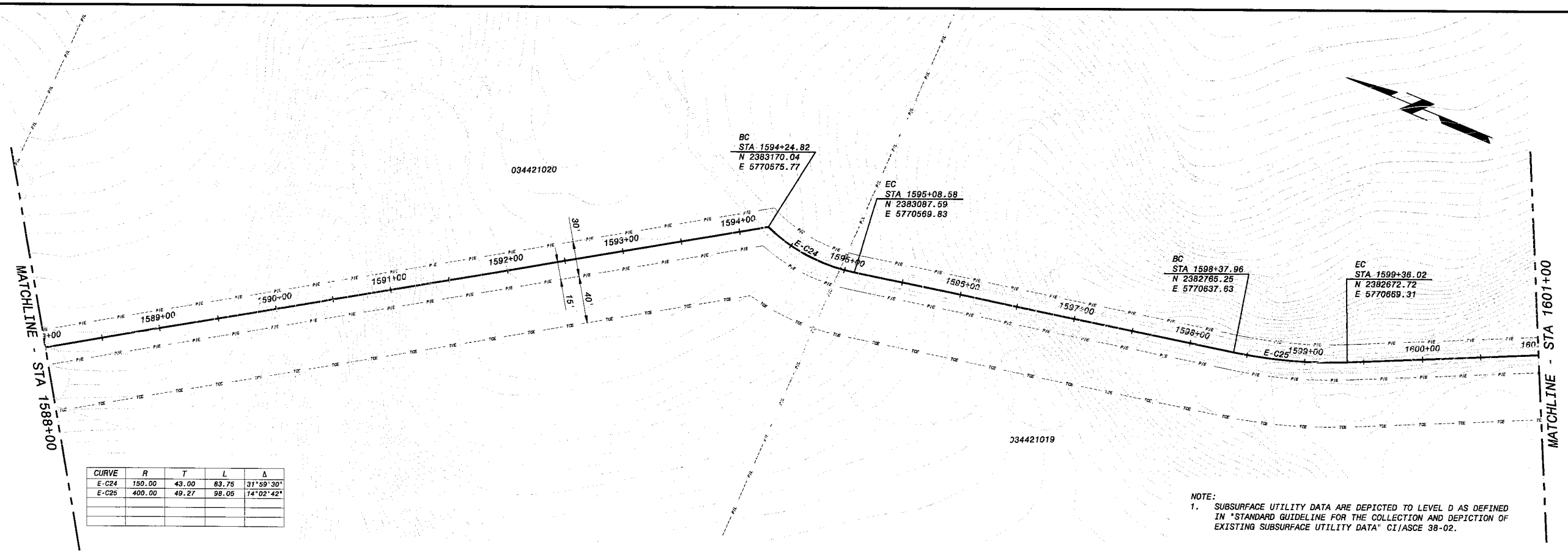
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

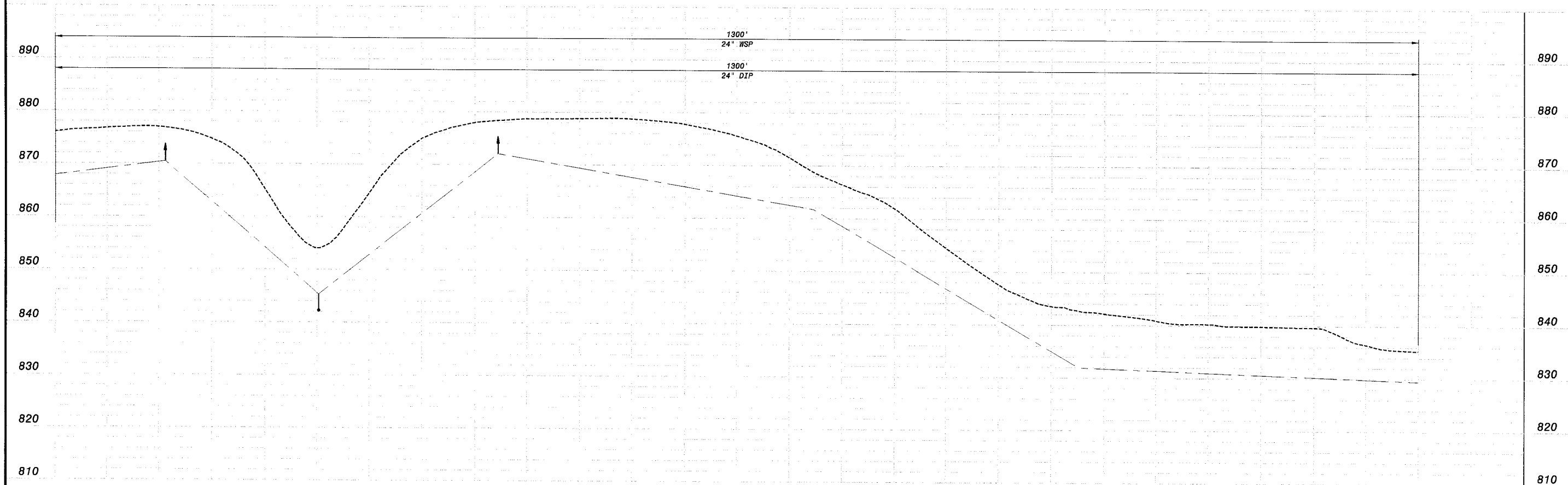
EP-C217
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C24	150.00	43.00	83.75	31°59'30"
E-C25	400.00	49.27	98.05	14°02'42"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
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USER: WCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

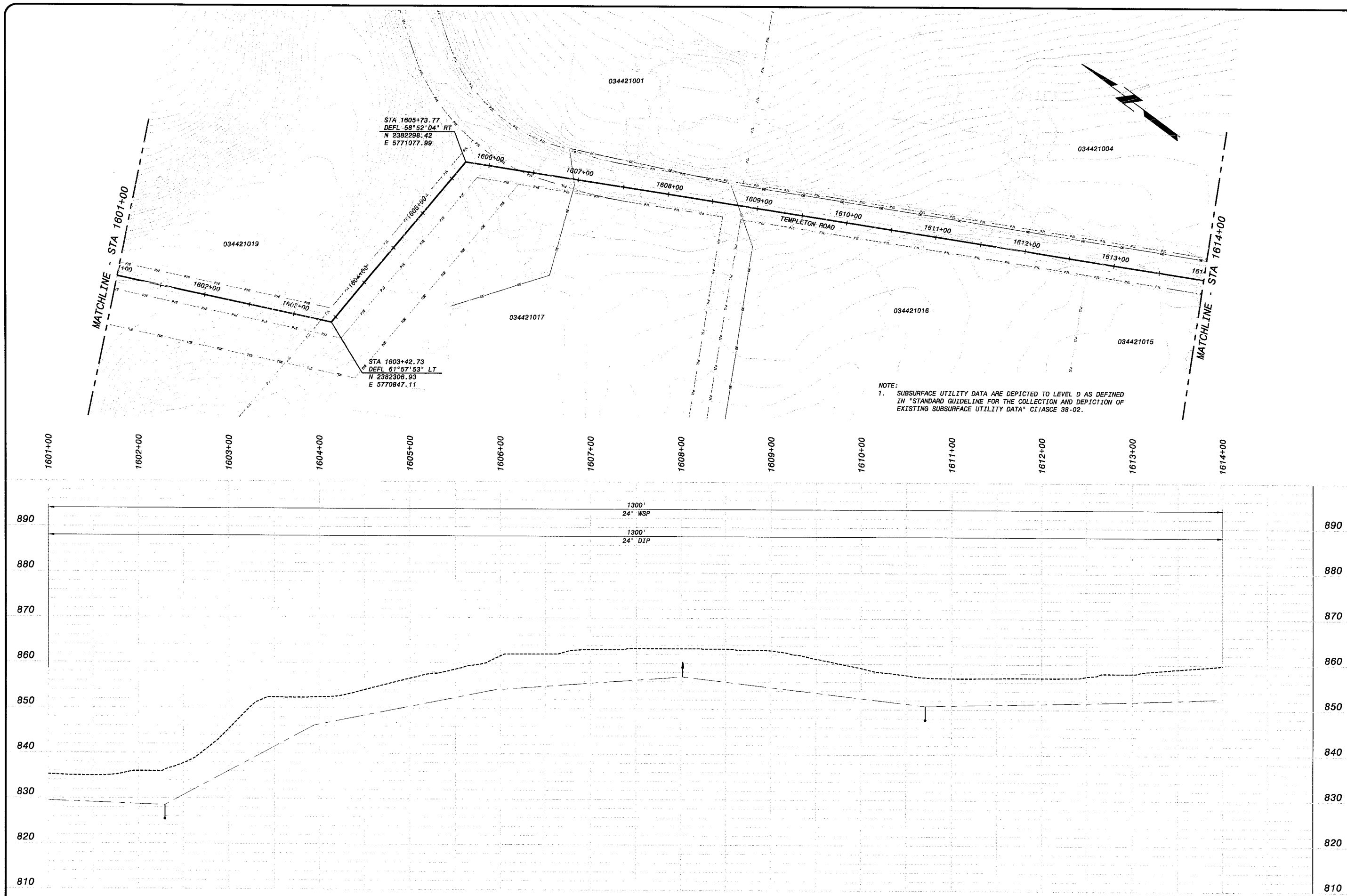
UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1588+00 to 1601+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

EP-C218
SHEET OF

FD137522
D137522



NOTE:
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HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
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USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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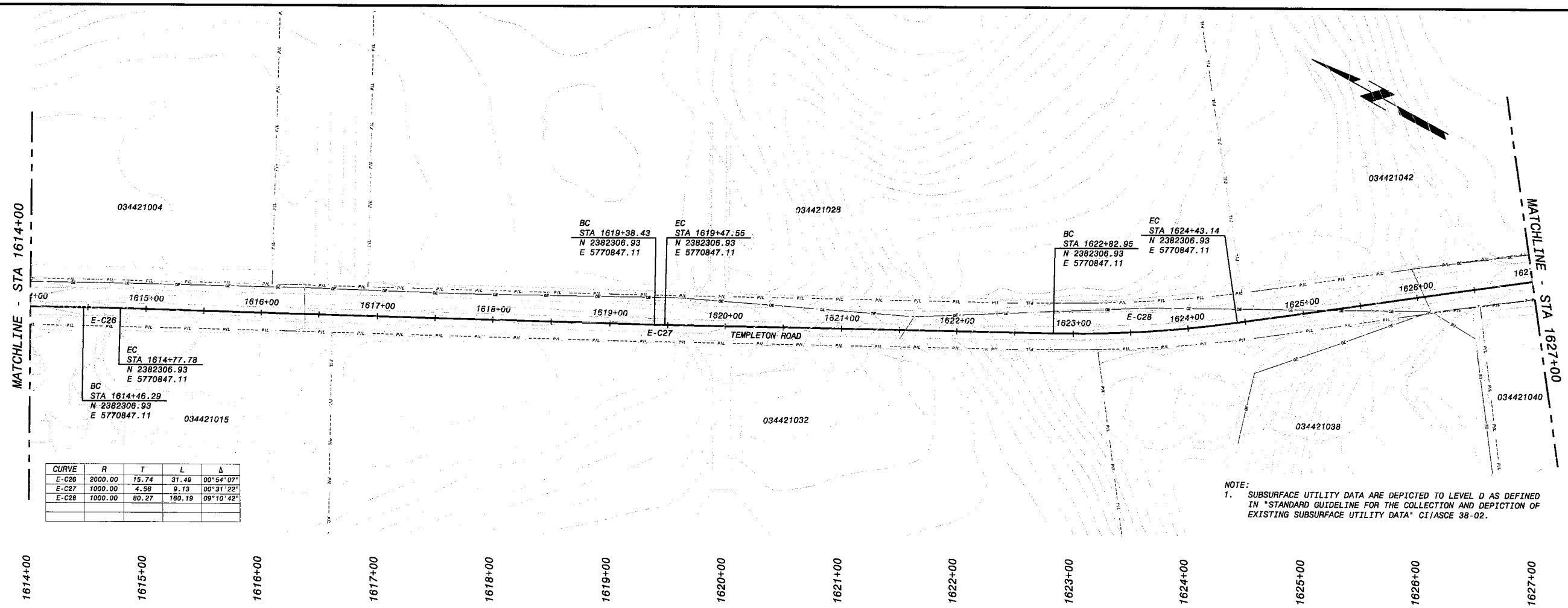
BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1601+00 to 1614+00

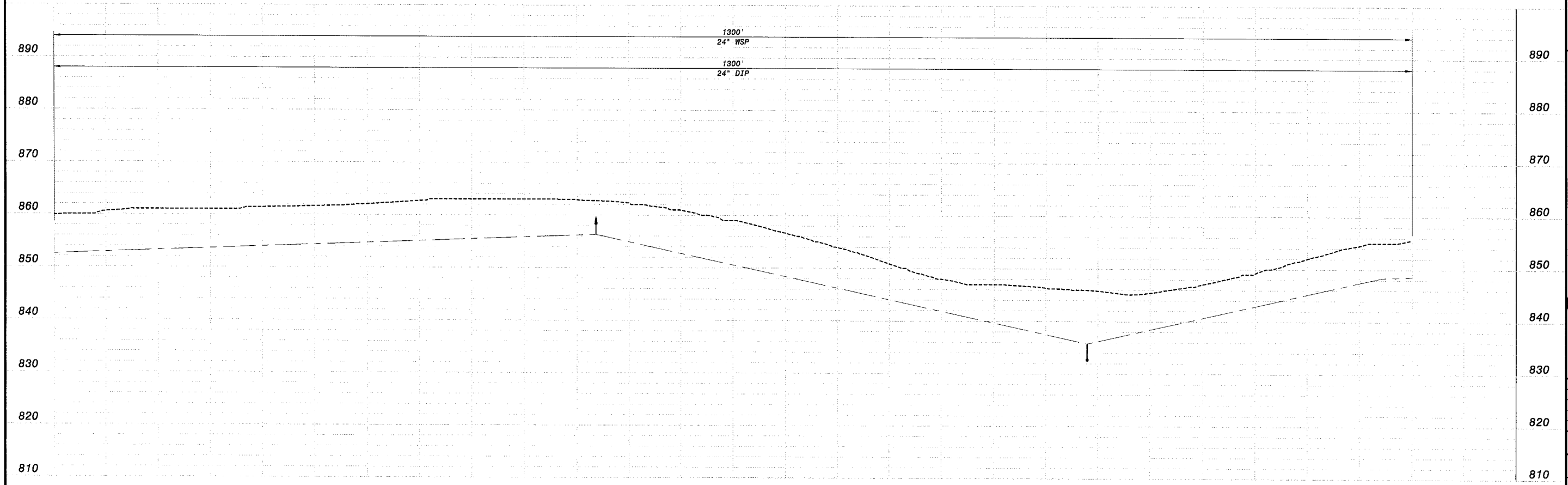
DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
EP-C219
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
E-C26	2000.00	15.74	31.49	00°54'07"
E-C27	1000.00	4.56	9.13	00°31'22"
E-C28	1000.00	80.27	160.19	09°10'42"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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1-800-227-2600

0 1/2 1
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NO.	BY	CK	APP	DATE	REVISIONS AND RECORD OF ISSUE

CYGNET ID: 137522-DRW-G-EG0007K02
WF: ACAD TEMPLATE.dwg
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USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

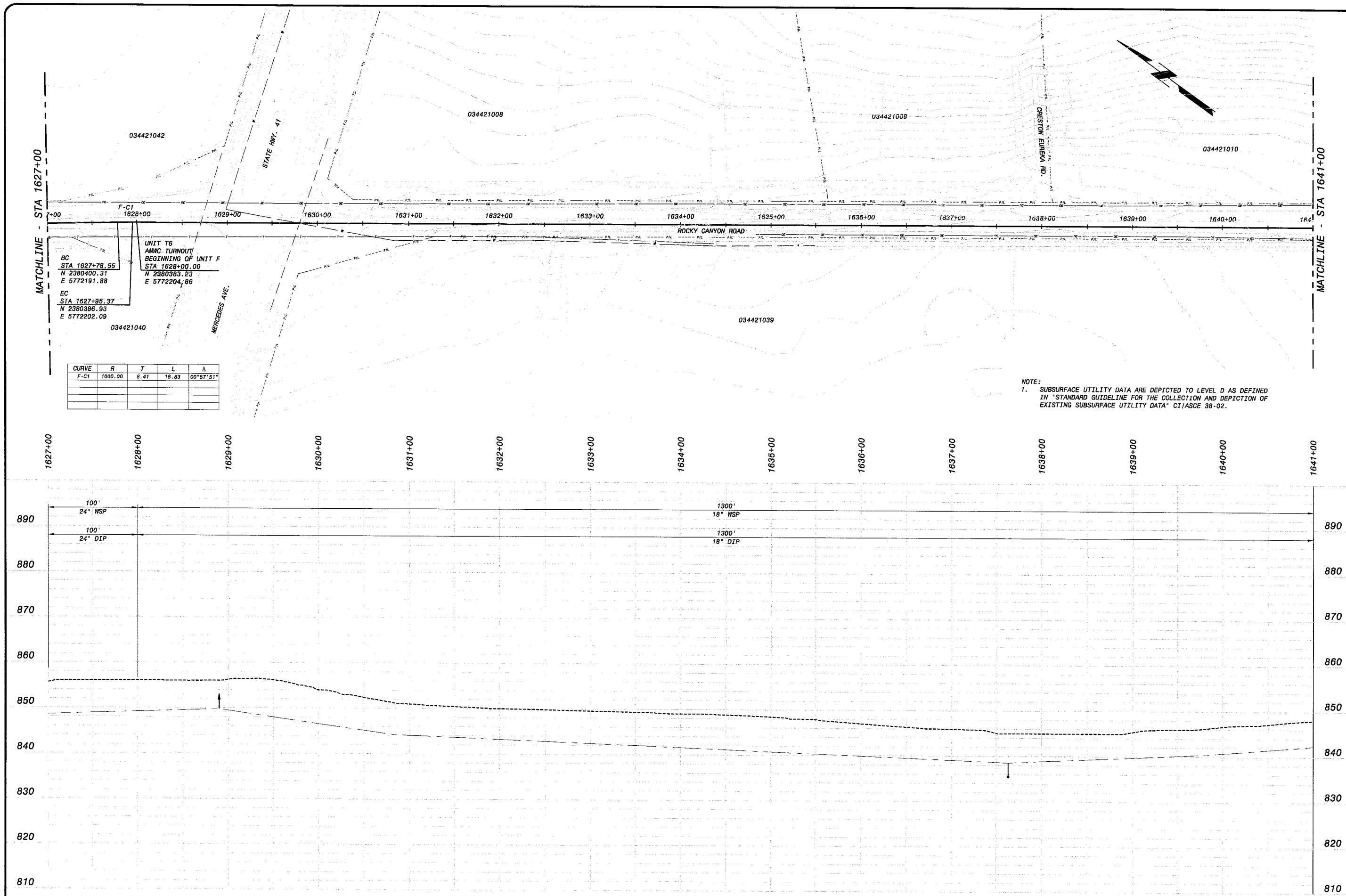
UNIT E - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1614+00 to 1627+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06

EP-C220
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C1	1000.00	8.41	16.83	00°57'51"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007XDZ
WF: ACAD TEMPLATE.dwg
SAVED: MCC10764, 10/26/2005 3:23:37 PM
PLOTTED:
USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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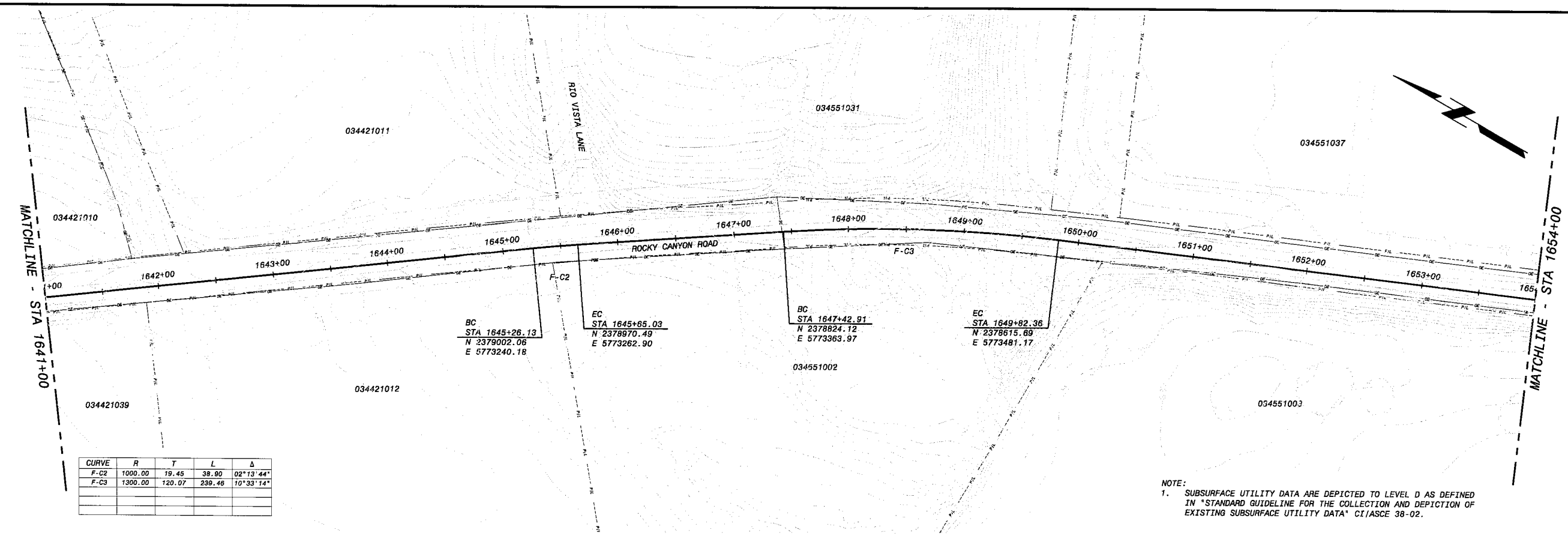
BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Local Coastal & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1627+00 to 1641+00

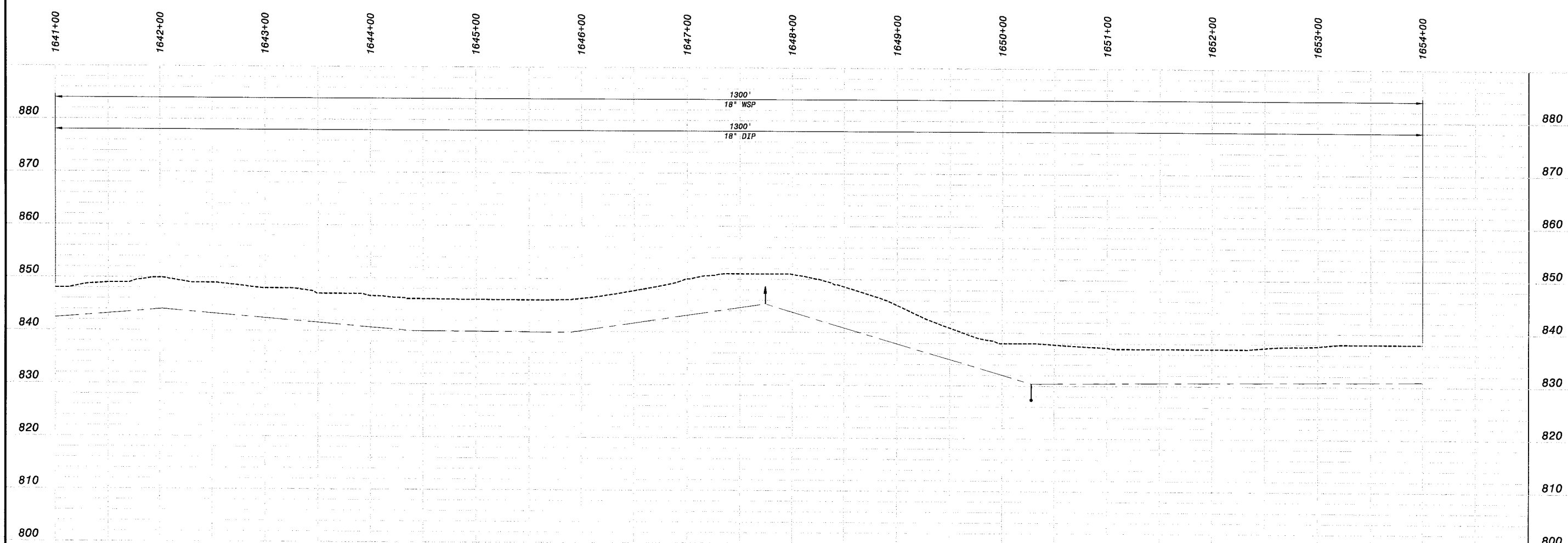
DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
FP-C221
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C2	1000.00	19.45	38.90	02°13'44"
F-C3	1300.00	120.07	239.46	10°33'14"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007KOZ
WF: ACAD TEMPLATE.dwg
SAVED: MCC10784, 10/28/2005 3:23:37 PM
PLOTTED:
USER: MCC10784
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER: 1.0

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
Cal Vet Design Group, Inc. • Carollo Engineers • Boyle Engineering

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1641+00 to 1654+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

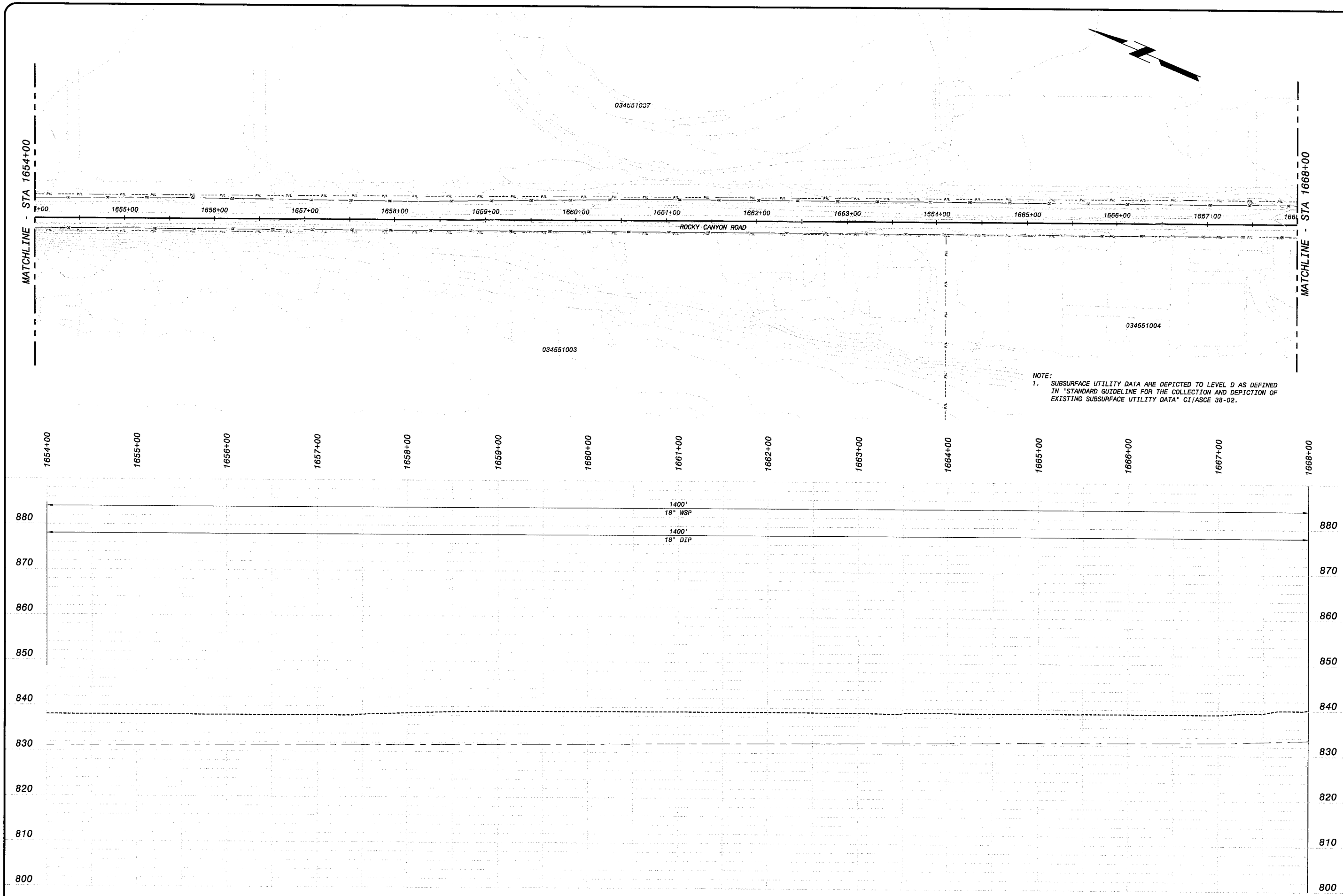
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

FP-C222
SHEET
OF

FD137522
D137522



NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
WF: ACAD TEMPLATE.dwg
SAVED: WCC10764, 10/26/2005 3:23:37 PM
PLOTTED:
USER: WCC10764
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER: 1.0

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1654+00 to 1668+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

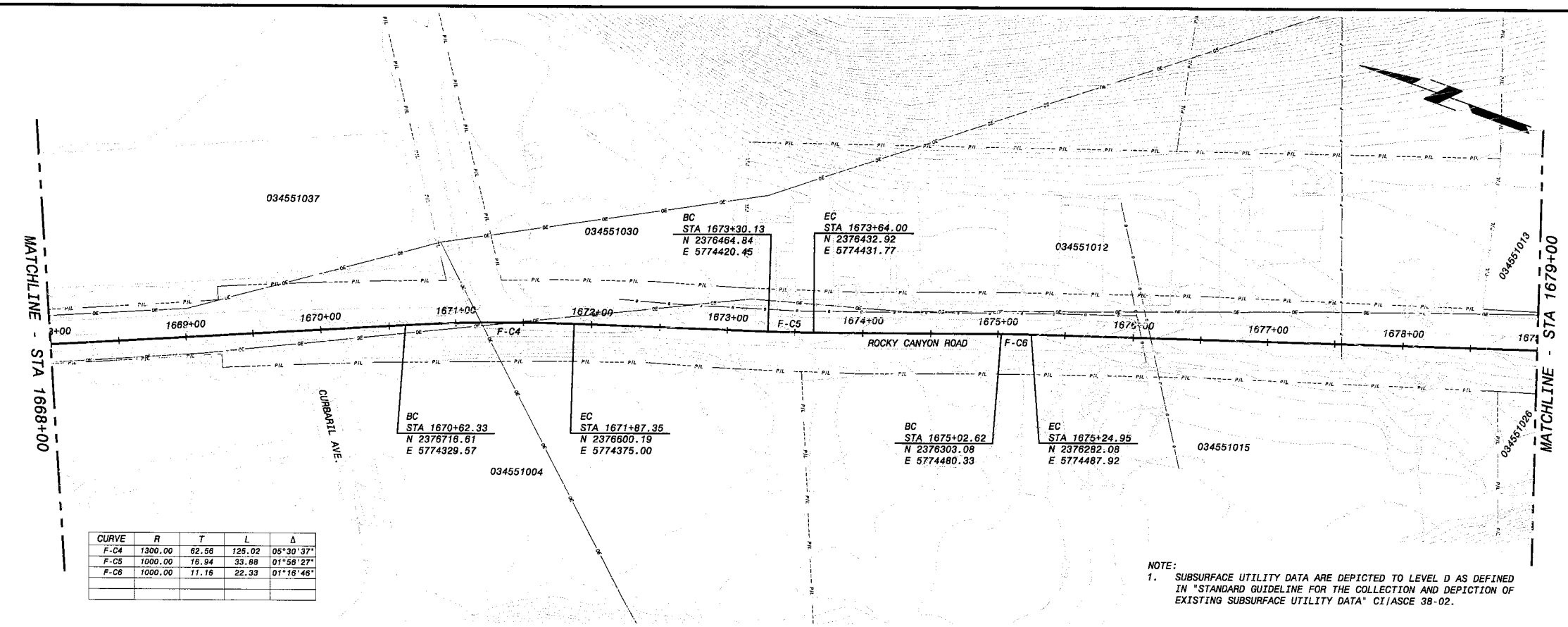
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

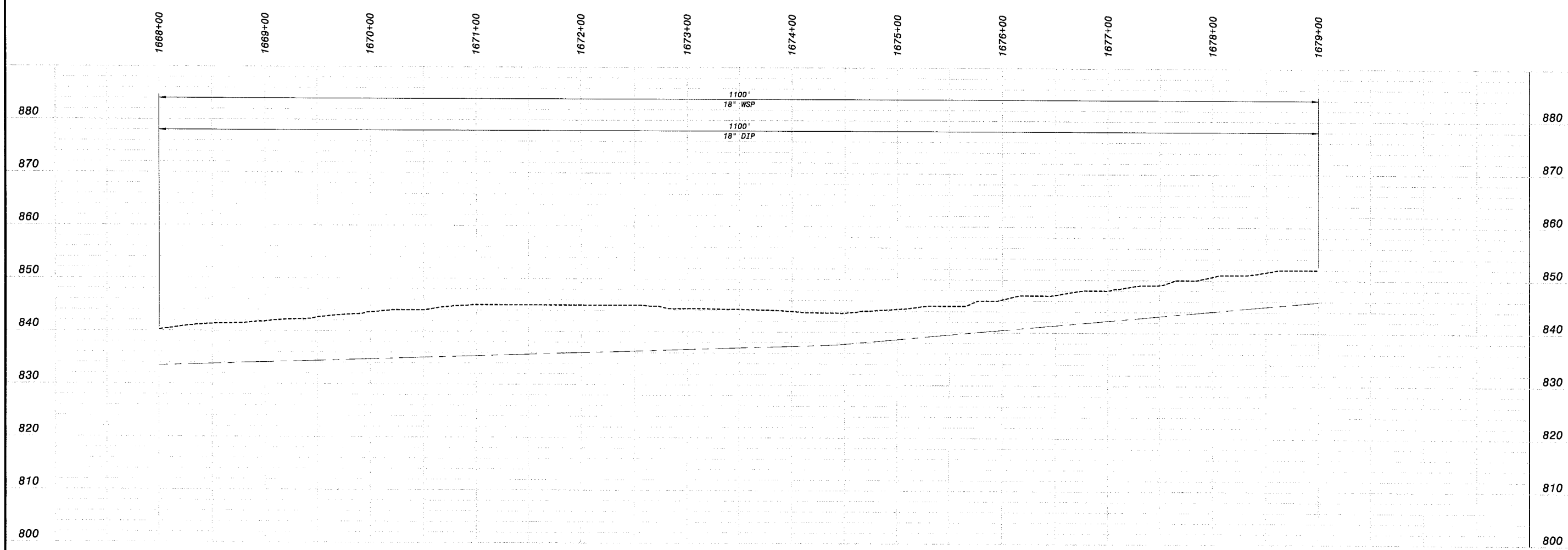
FP-C223
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C4	1300.00	62.56	125.02	05°30'37"
F-C5	1000.00	16.94	33.88	01°58'27"
F-C6	1000.00	11.16	22.33	01°16'46"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely.
1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

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XREF3:
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BOYLE
ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1668+00 to 1679+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

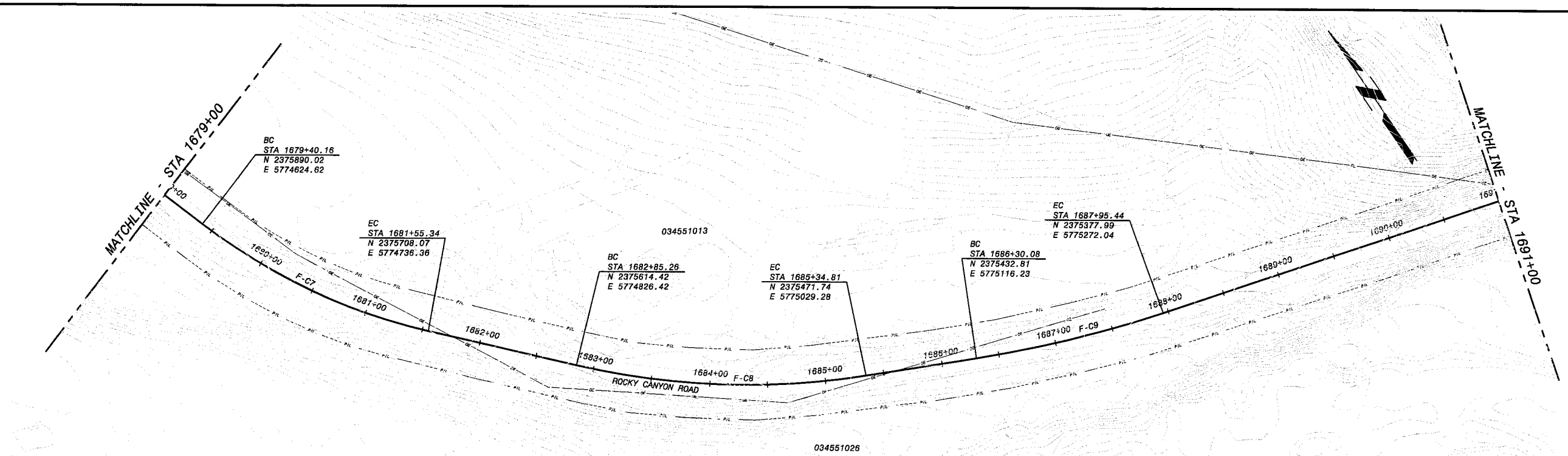
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

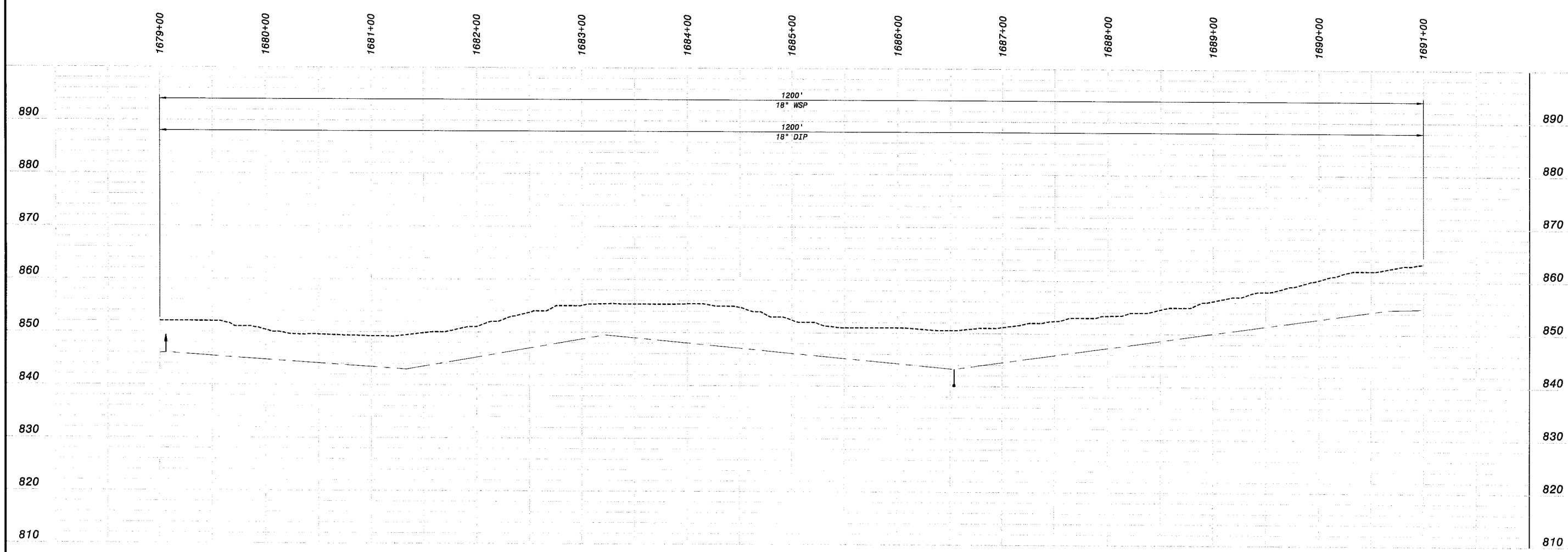
FP-C224
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C7	500.00	109.28	215.18	24°39'29"
F-C8	850.00	126.33	249.55	21°59'49"
F-C9	1000.00	82.87	165.36	09°28'27"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

Call Two Working Days Before You Dig!
Dig Safely. 1-800-227-2600

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-EQQQDTKDZ
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DWG VER: 1.0

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County, Paso Robles Creek & Shell Creek Valleys

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1679+00 to 1691+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

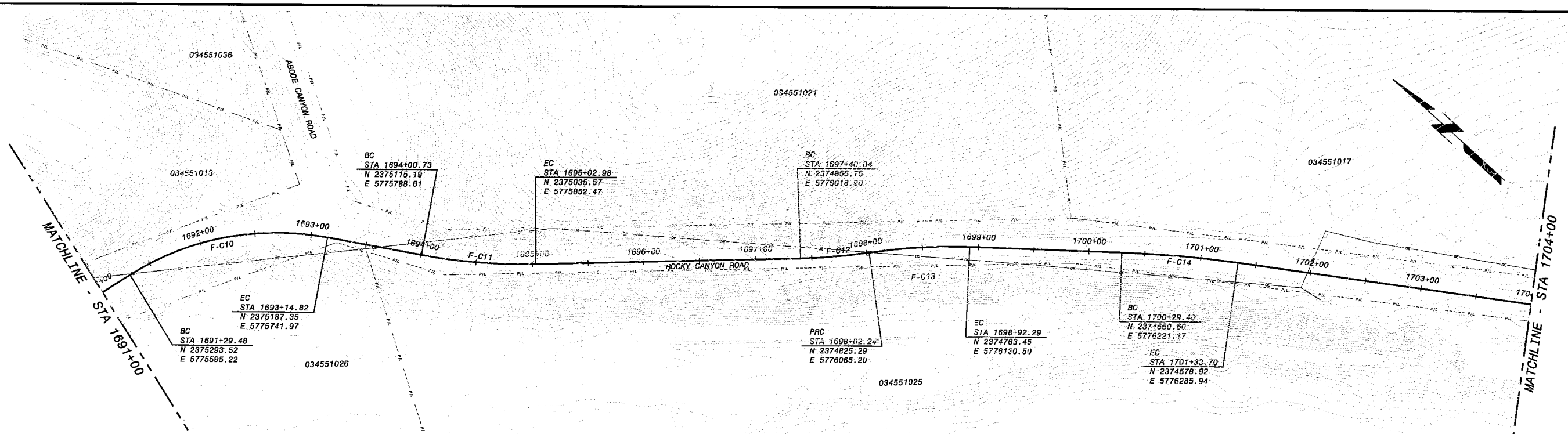
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

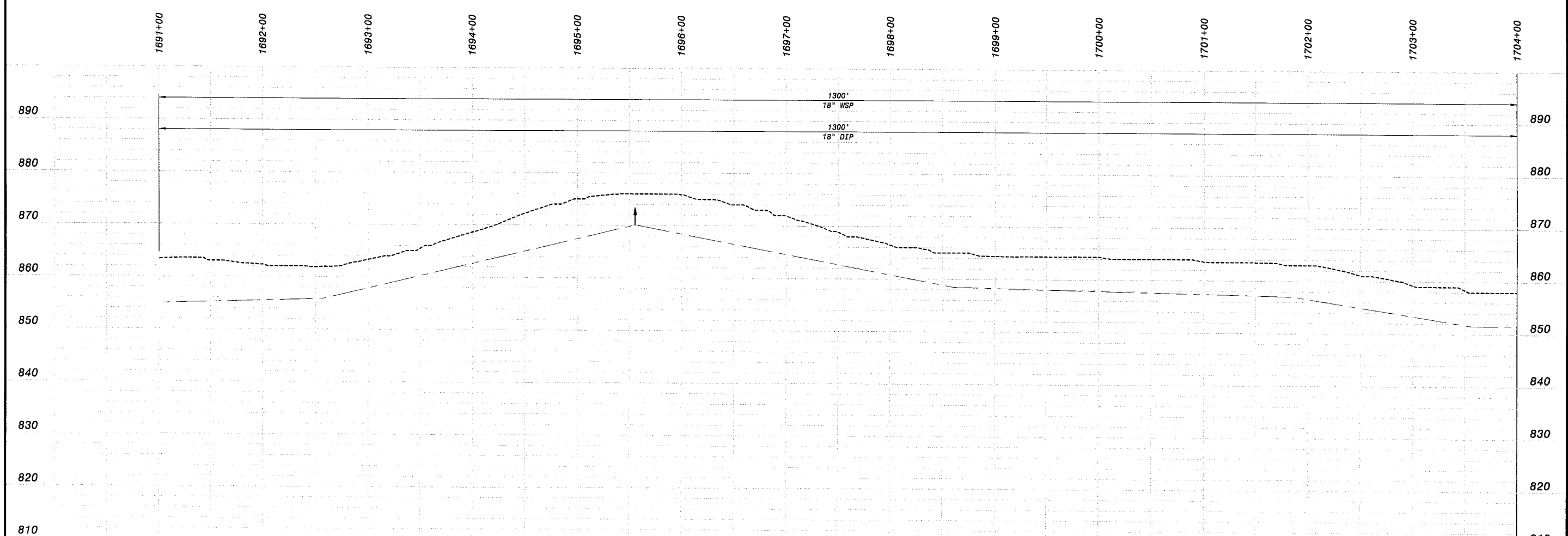
FP-C225
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C10	250.00	97.16	185.34	42°28'39"
F-C11	500.00	51.30	102.25	11°42'59"
F-C12	500.00	31.14	62.20	07°07'39"
F-C13	500.00	45.15	90.05	10°19'10"
F-C14	1000.00	52.20	104.30	05°58'33"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.



HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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Dig Safely. 1-800-227-2600

0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E0000TK0Z
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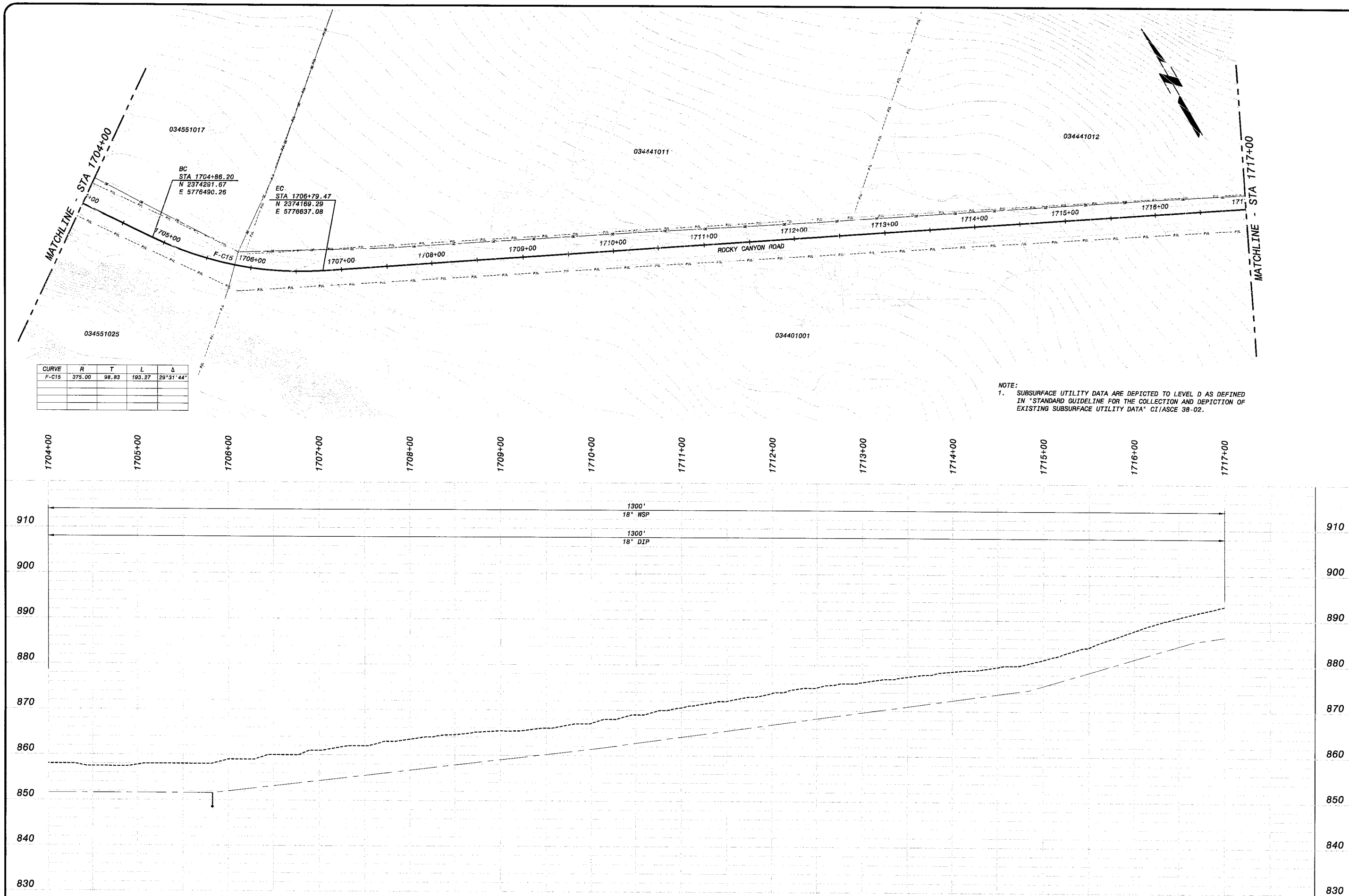
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1691+00 to 1704+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
FP-C226
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C15	375.00	98.83	193.27	29°31'44"

NOTE:
1. SUBSURFACE UTILITY DATA ARE DEPICTED TO LEVEL D AS DEFINED IN "STANDARD GUIDELINE FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA" CI/ASCE 38-02.

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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Dig Safely.
1-800-227-2600

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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K0Z
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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1704+00 to 1717+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

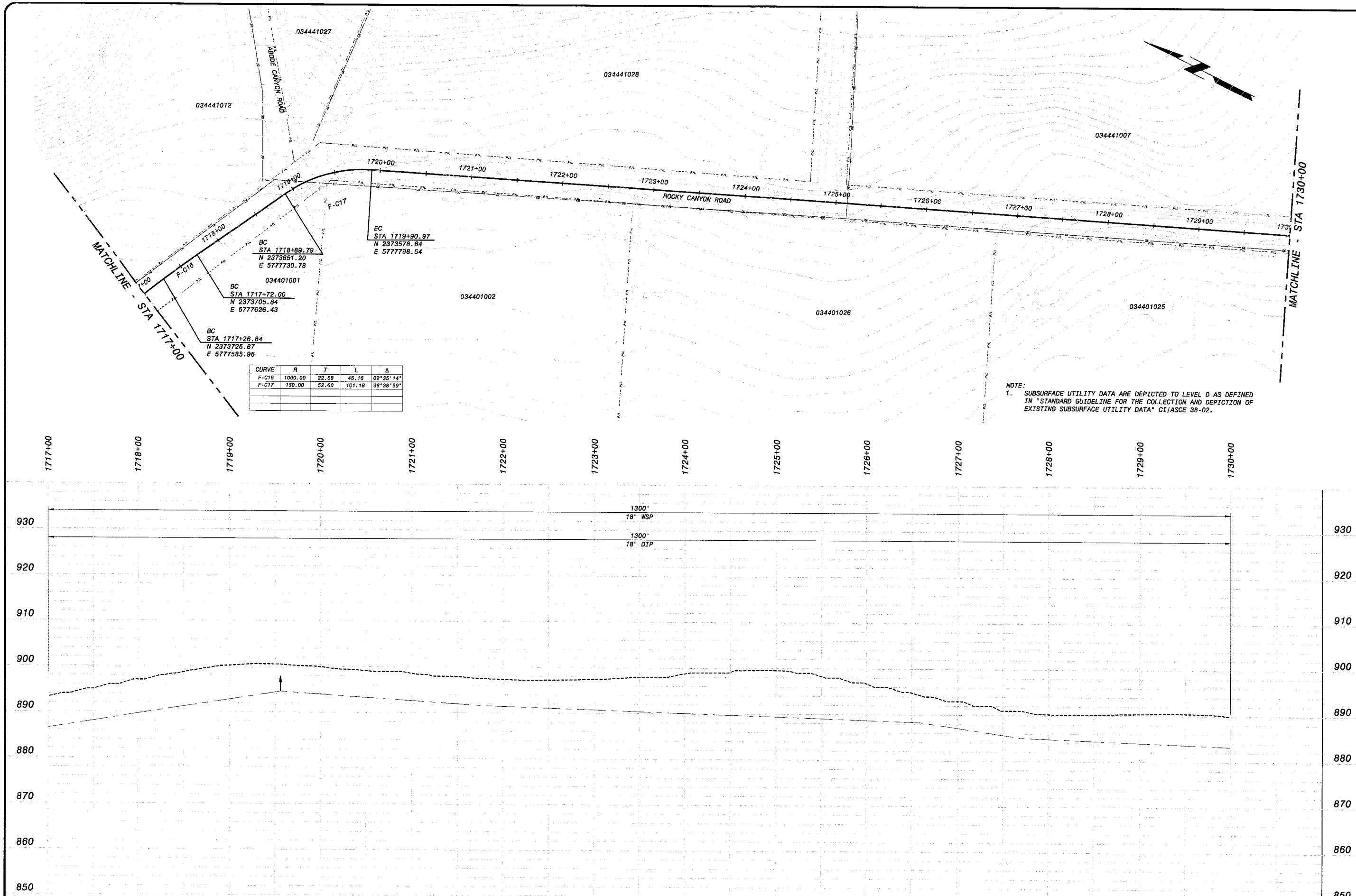
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

FP-C227
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C16	1000.00	22.59	45.16	02°35'14"
F-C17	150.00	52.60	101.18	38°38'59"

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E0G007K0Z
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XREF3:
XREF4:
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NWP NACIMIENTO WATER PROJECT
Cash Flow · Design · Permits · Flood Control & Water Conservation · Delivery

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1717+00 to 1730+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

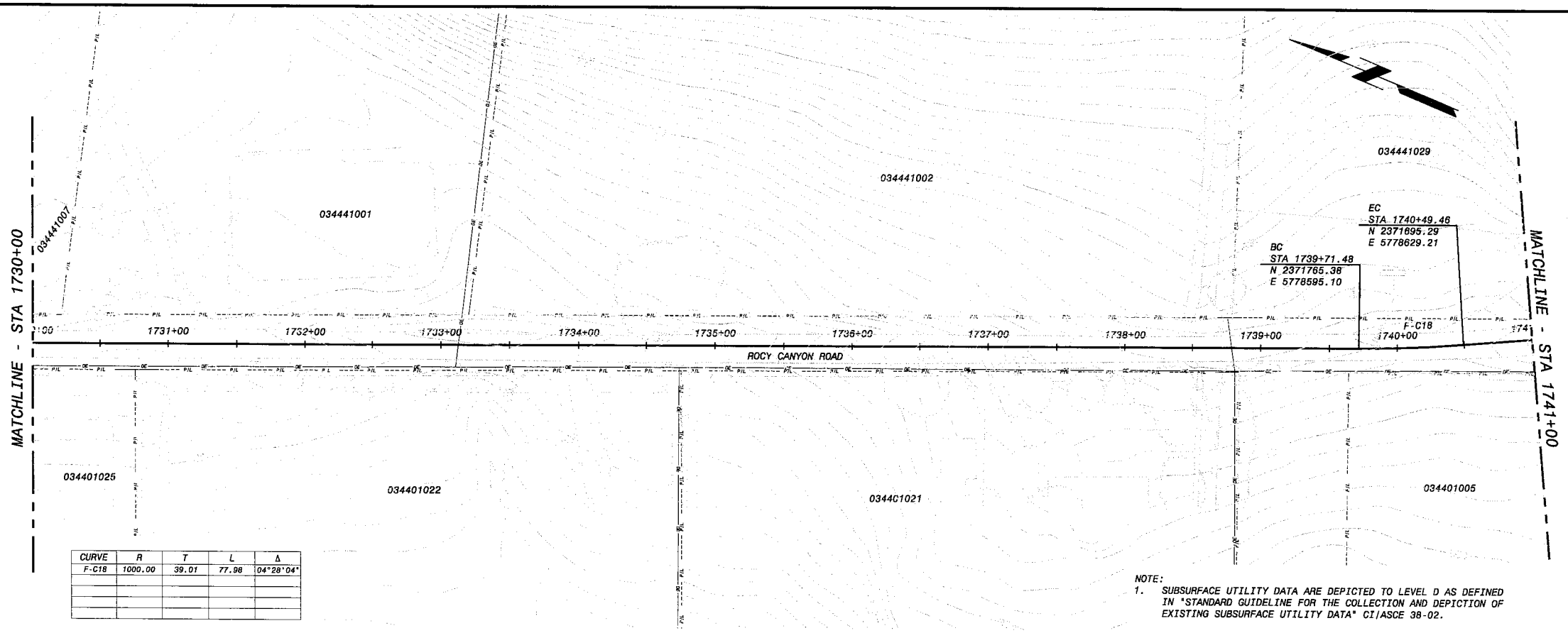
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

FP-C228
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C18	1000.00	39.01	77.98	04°28'04"

NOTE:
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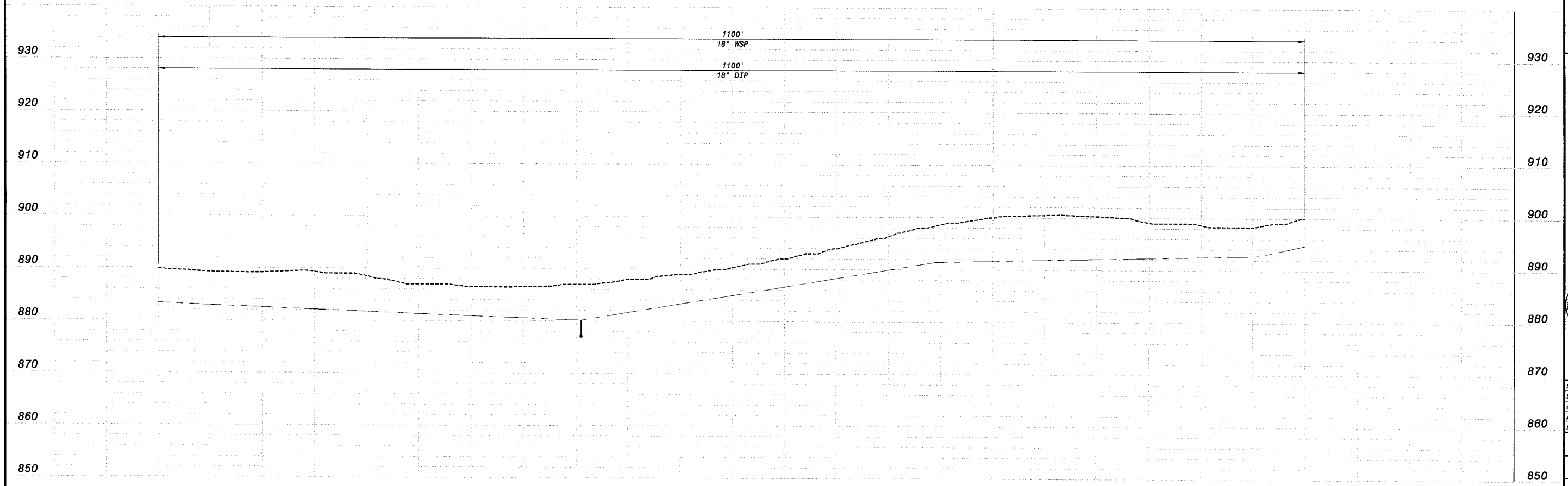

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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1-800-227-2600

0 1/2 1
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NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

DATE

CYGNET ID: 137522-DRW-G-E00007K02
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USER: MCC10764
DWG VER: 1.0
XREF1: d137522.dwg
XREF2:
XREF3:
XREF4:
XREF5:

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NWP NACIMIENTO WATER PROJECT
Salt Lake Charge / County Road Commission & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1730+00 to 1741+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

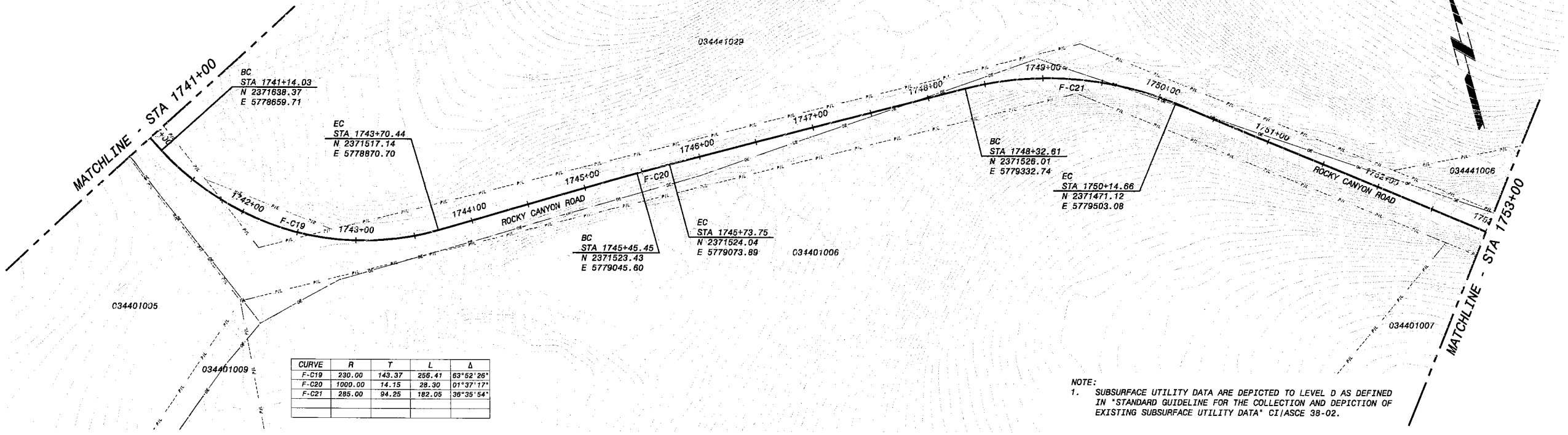
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

FP-C229
SHEET
OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C19	230.00	143.37	256.41	63°52'26"
F-C20	1000.00	14.15	28.30	01°37'17"
F-C21	285.00	94.25	182.05	36°35'54"

NOTE:
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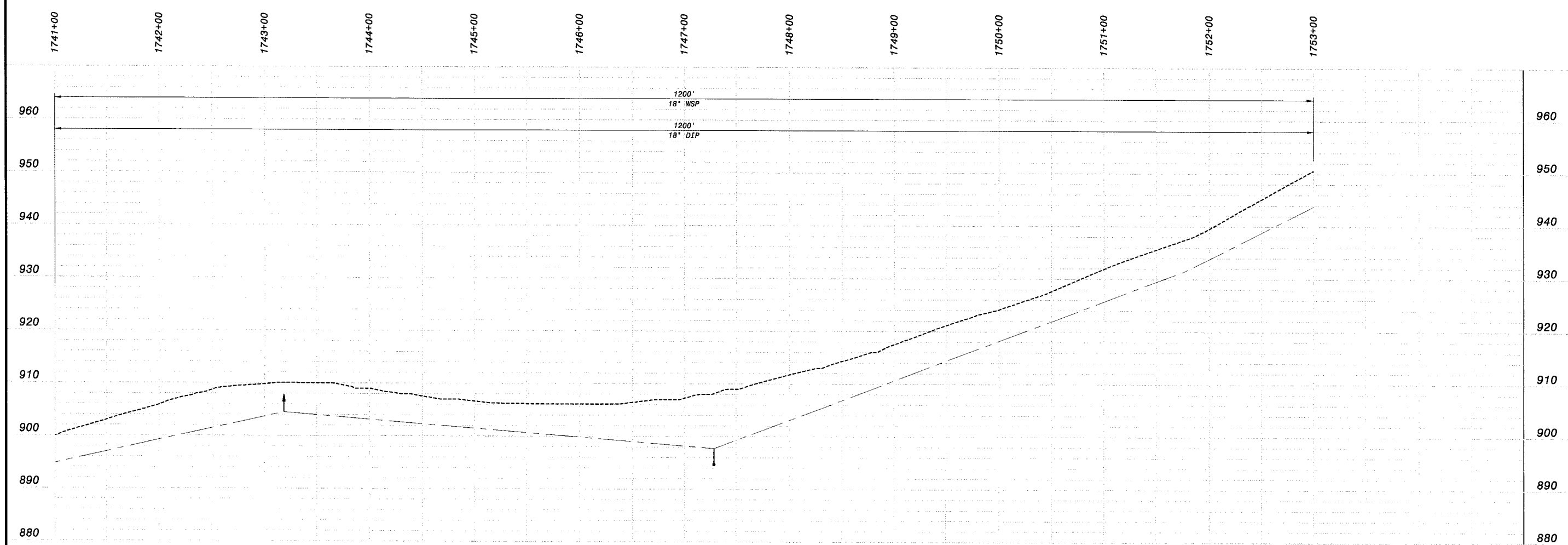

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007K02 XREF1:d137522.dwg
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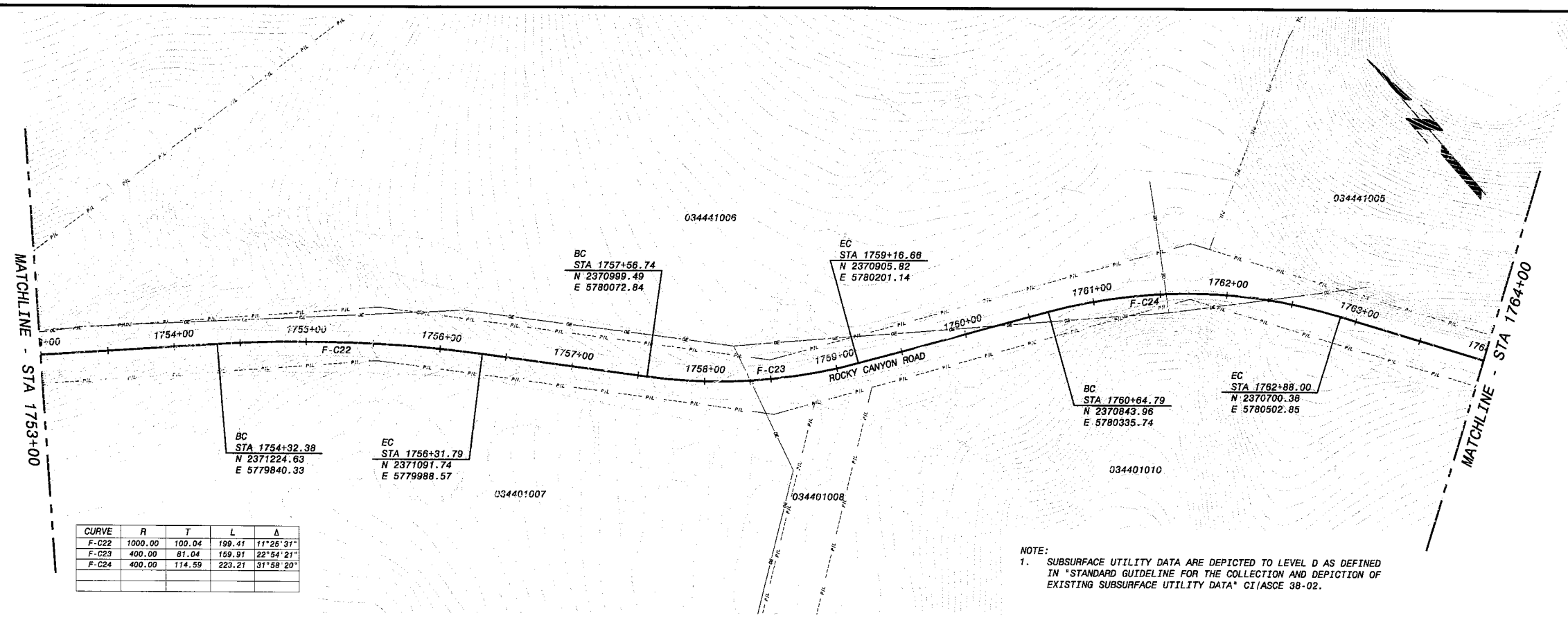
BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1741+00 to 1753+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
FP-C230
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C22	1000.00	100.04	199.41	11°25'31"
F-C23	400.00	81.04	159.91	22°54'21"
F-C24	400.00	114.59	223.21	31°58'20"

NOTE:
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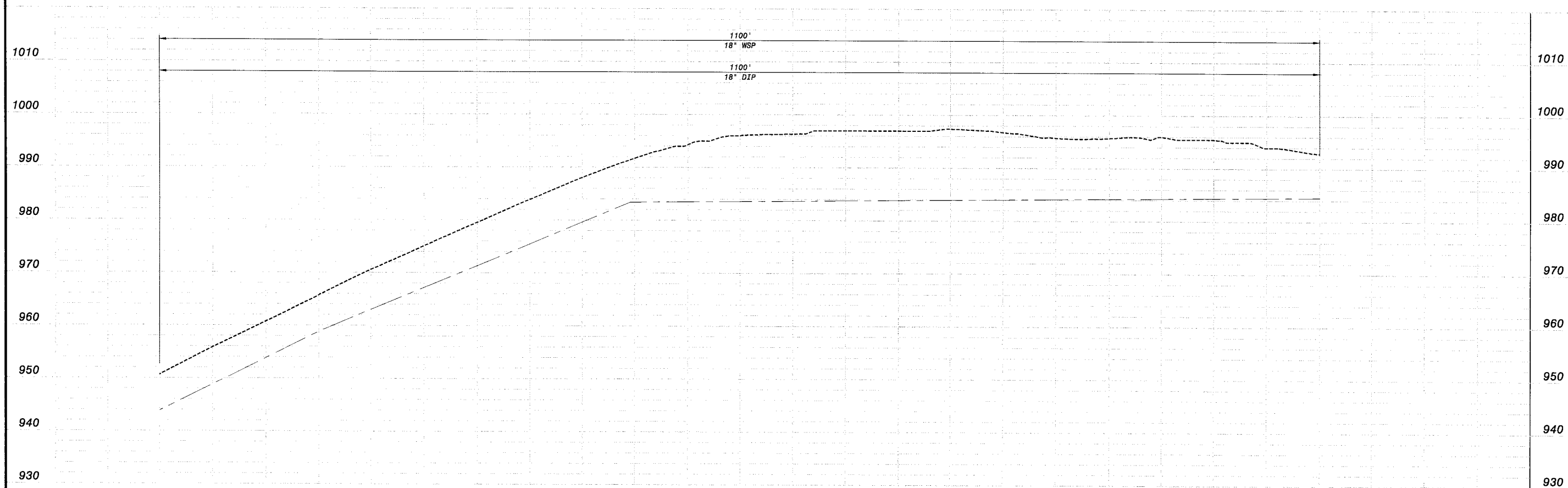

HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
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DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007KDZ
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PLOTTED:
XREF4:
USER: MCC10764
DWG VER: 1.0
XREF5:

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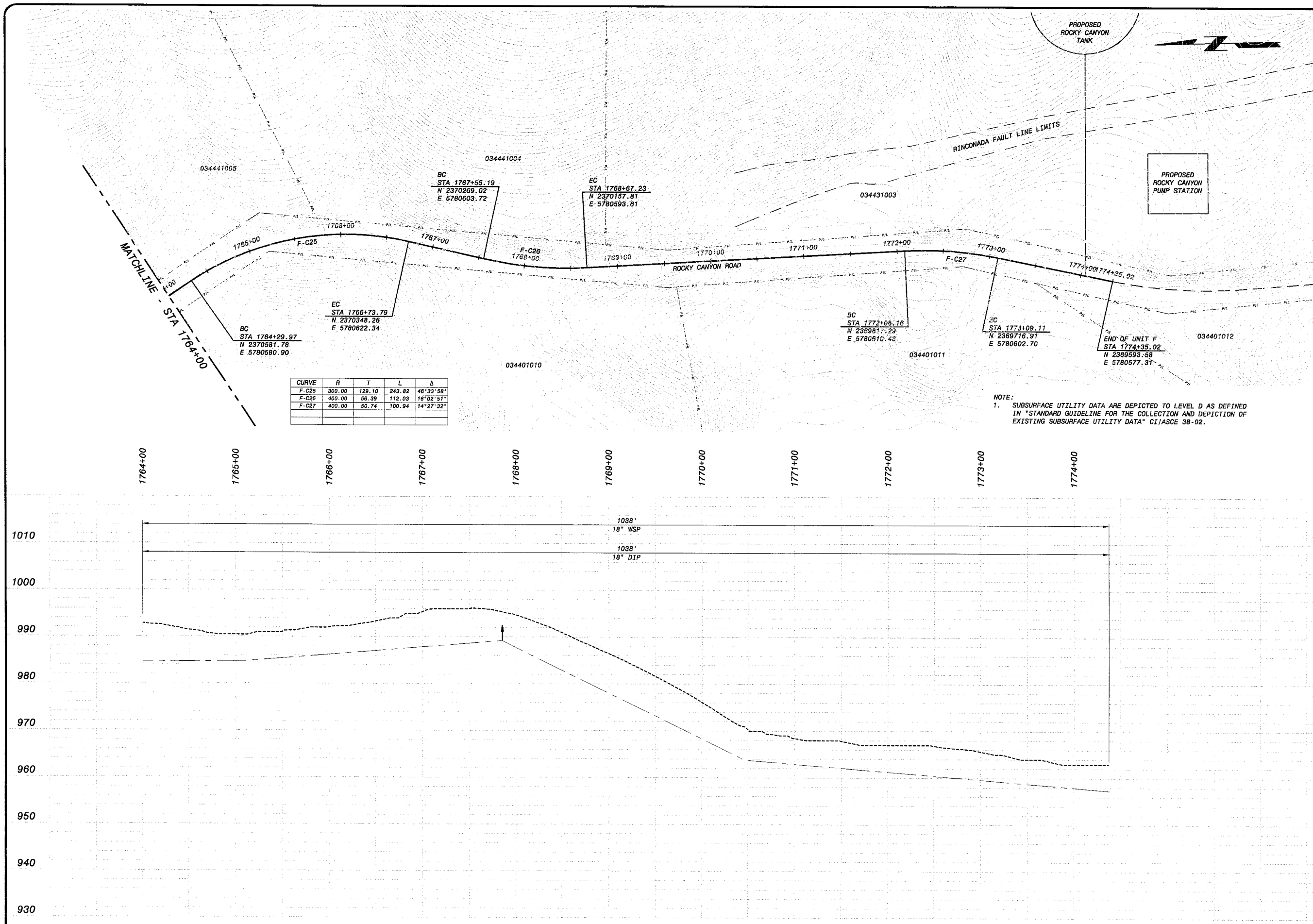
NWP NACIMIENTO WATER PROJECT

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1753+00 to 1764+00

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
FP-C231
SHEET OF

FD137522
D137522



CURVE	R	T	L	Δ
F-C25	300.00	129.10	243.82	46°33'58"
F-C26	400.00	56.39	112.03	16°02'51"
F-C27	400.00	50.74	100.94	14°27'32"

NOTE:
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HOR: 1" = 50'
VER: 1" = 10'

PRELIMINARY - NOT FOR CONSTRUCTION

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0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-DRW-G-E00007KDZ
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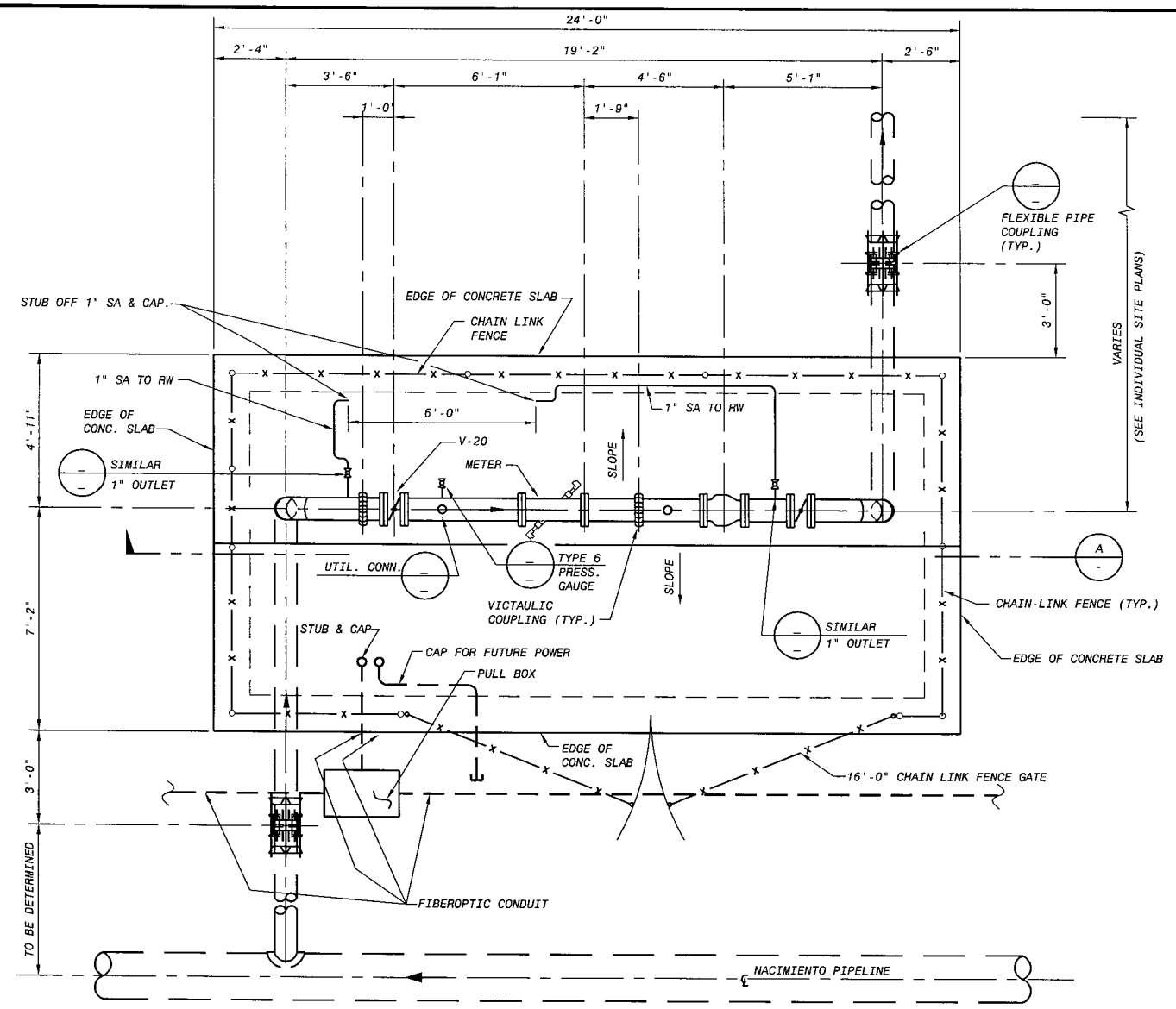
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT F - PIPELINE
CIVIL
PLAN & PROFILE, STATION 1764+00 to 1774+35.02

DESIGNED: J.GARCIA
DETAILED: D. GHILARDUCCI
CHECKED:
APPROVED:
DATE: 01/20/06

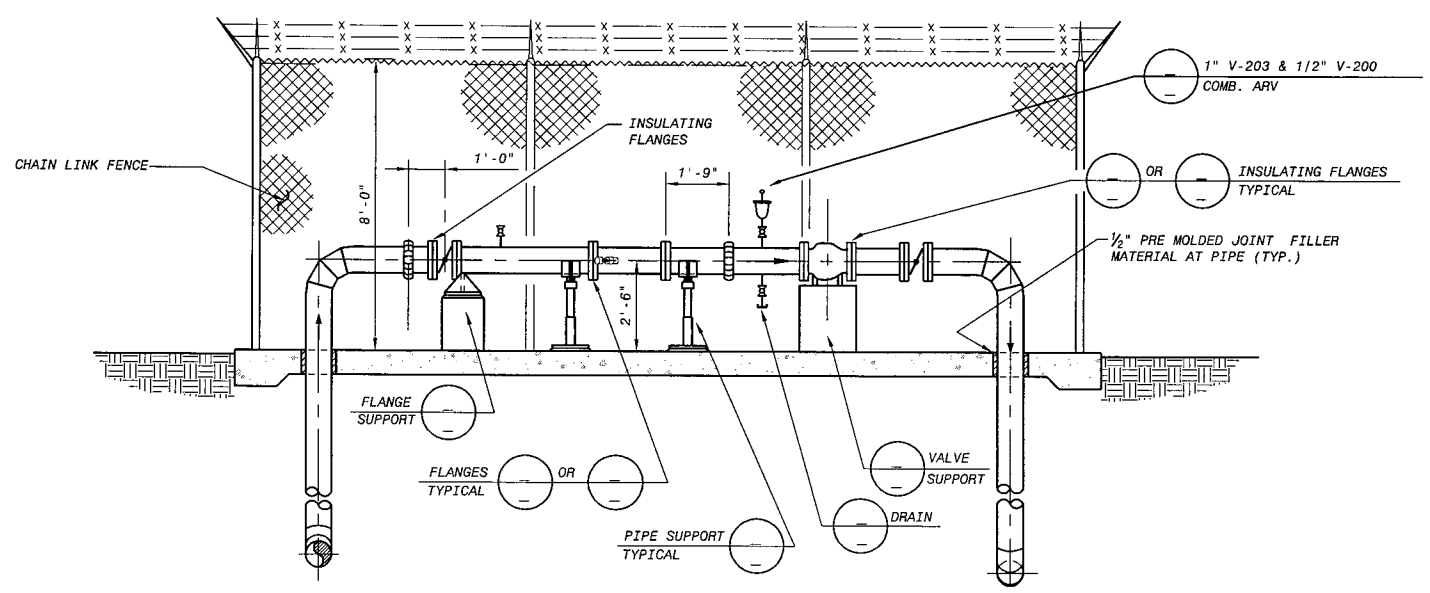
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
FP-C232
SHEET OF

FD137522
D137522



PLAN - TEMPLETON TURNOUT (1)

SCALE: 3/8" = 1'-0"



SECTION (A)

SCALE: 3/8" = 1'-0"

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

DATE	REVISIONS AND RECORD OF ISSUE
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CYGNET ID:
WF:ACAD-2000i
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USER: VEL42520
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San Luis Obispo County Flood Control & Water Conservation District

TEMPLETON TURNOUT - PLAN & SECTIONS

DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 4/12/2005

BV PROJECT NO.

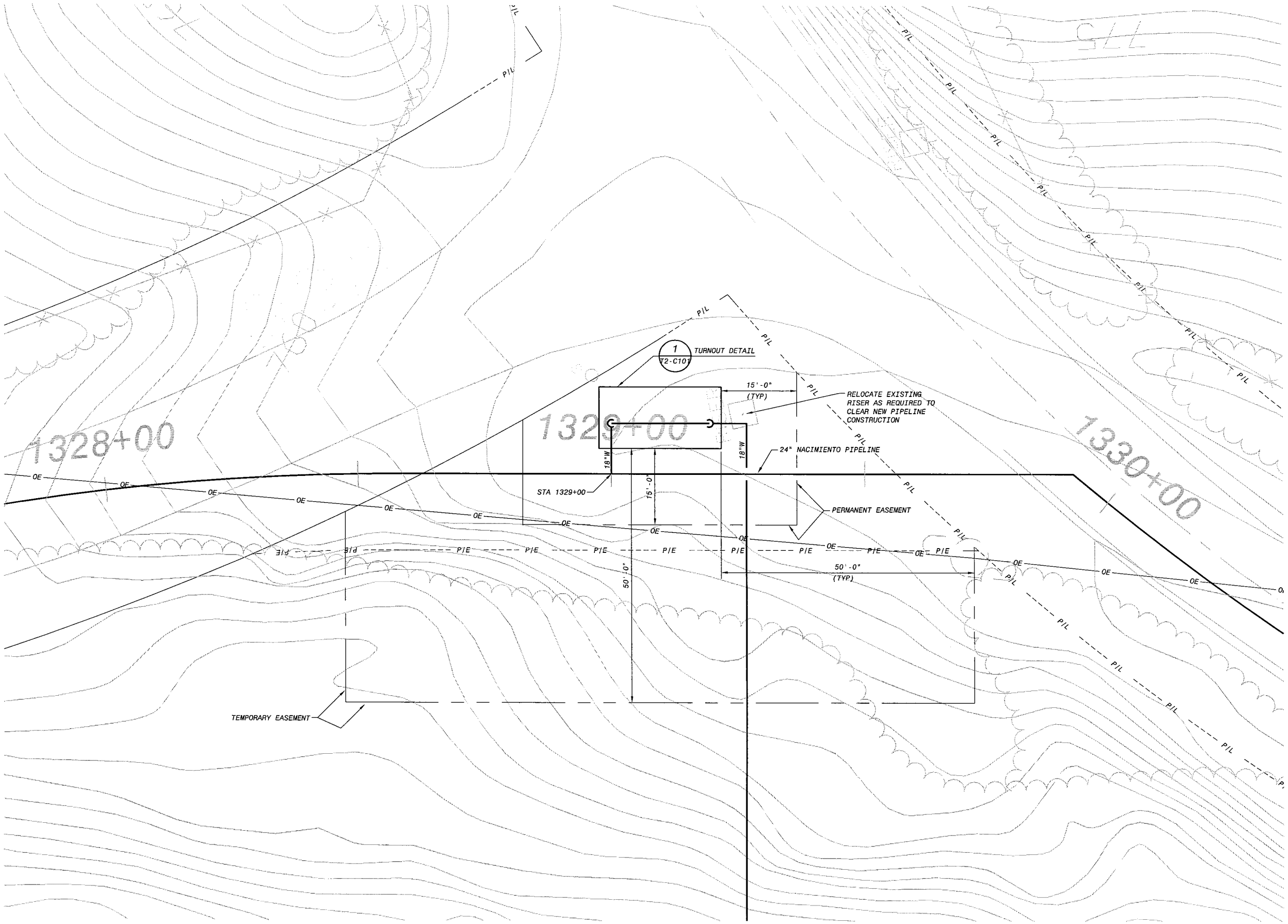
NWP PROJECT NO.

SPEC 90245.691

T4-C101

SHEET OF G-00

FD137522
D137522
DWG: X:\EBD\400 Prelim Design Phase\406 Turnouts\PLANSET\T4-C101.dwg USER: mmcguinn
DATE: Feb 21, 2006 12:39pm XREFS: d137522 IMAGES: Boyle-Full-Blue.tif Jacobs.JPG NWPlogo.TIF



SITE PLAN

SCALE: 1" = 10'

NO.	BY	CK	APP

02/01/2006 DRAFT PDR SUBMITTAL

DATE REVISIONS AND RECORD OF ISSUE

CYGNET ID: XREF1:

WF:ACAD-20001 XREF2:

SAVED: VEL42520, 4/12/2005 10:18:09 AM XREF3:

PLOTTED: XREF4:

USER: VEL42520 DWG VER: XREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

TEMPLETON TURNOUT - ALTERNATIVE A1
SITE PLAN

DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 4/12/2005

BV PROJECT NO.

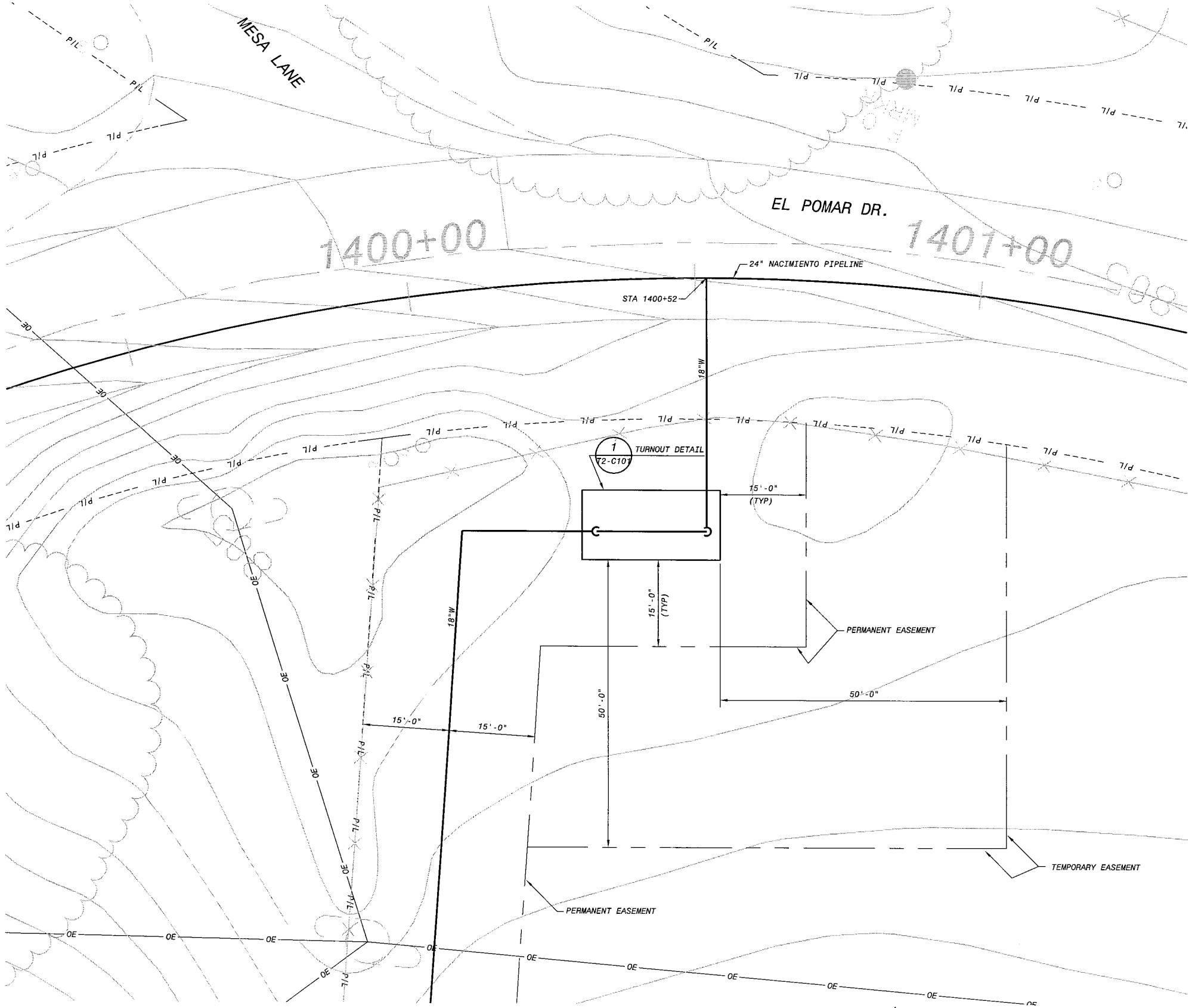
NWP PROJECT NO.

SPEC
90245.691

T4-C102
SHEET
OF G-00

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

FD137522
D137522



SITE PLAN

SCALE: 1" = 10'

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

DATE

CYGNET ID:
WF-ACAD-20001
SAVED: VEL421c20, 4/12/2005 10:18:09 AM
PLOTTED:
USER: VEL42520

XREF1:
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER:

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ENERGY WATER INFORMATION GOVERNMENT

BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

TEMPLETON TURNOUT - ALTERNATIVE B1
SITE PLAN

DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 4/12/2005

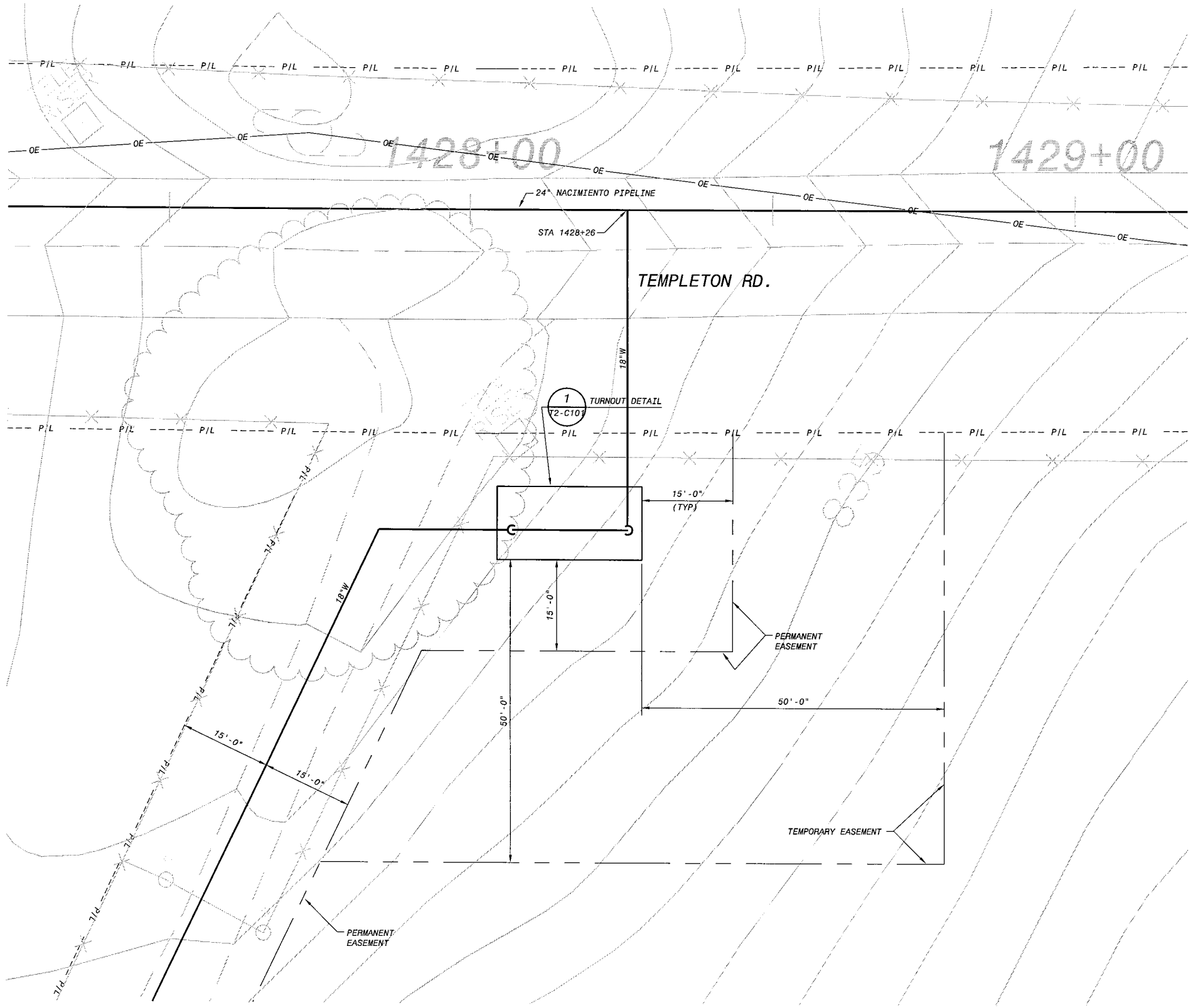
BV PROJECT NO.

NWP PROJECT NO.

SPEC
90245.691

T4-C103
SHEET
OF G-00

FD137522
D137522



SITE PLAN

SCALE: 1" = 10'

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

DATE	REVISIONS AND RECORD OF ISSUE
02/01/2006	DRAFT PDR SUBMITTAL

CYGNET ID:
WF:ACAD-20001
SAVED: VEL42620, 4/12/2005 10:18:09 AM
PLOTTED:
USER: VEL42520

XREF1:
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

TEMPLETON TURNOUT - ALTERNATIVE C1
SITE PLAN

DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 4/12/2005

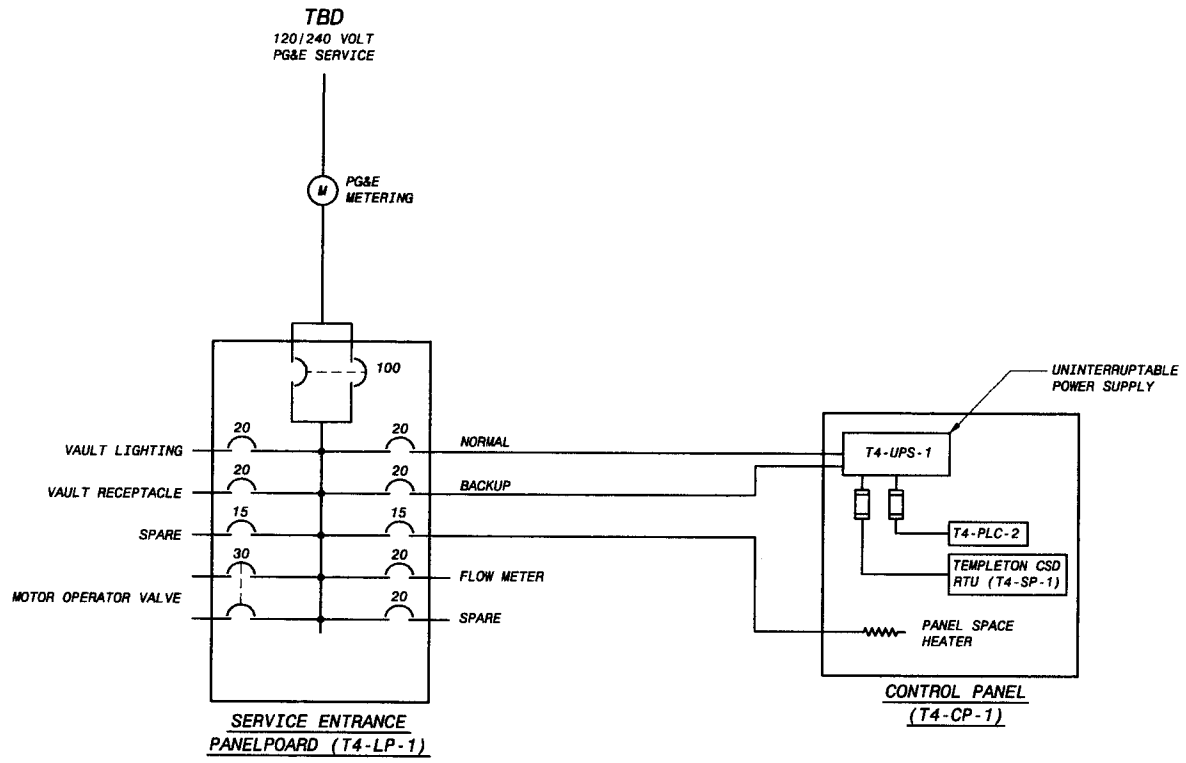
BV PROJECT NO.

NWP PROJECT NO.

SPEC
90245.691

T4-C104
SHEET
OF G-00

FD137322
D137522



TEMPLETON CSD TURNOUT - T4
ONE-LINE DIAGRAM
NO SCALE

NOTES:

1. SEE STD-G023 THROUGH STD-G032 FOR LEGEND.

LEGEND:

TBD TO BE DETERMINED

PRELIMINARY - NOT FOR CONSTRUCTION

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

DATE REVISIONS AND RECORD OF ISSUE

CYGNET ID: 137522-E-BP6-E000001157 XREF1:
WF: BP6-T4-E601.dwg XREF2:
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USER: MCC10764 DWG VER: 1.4 XREF5:

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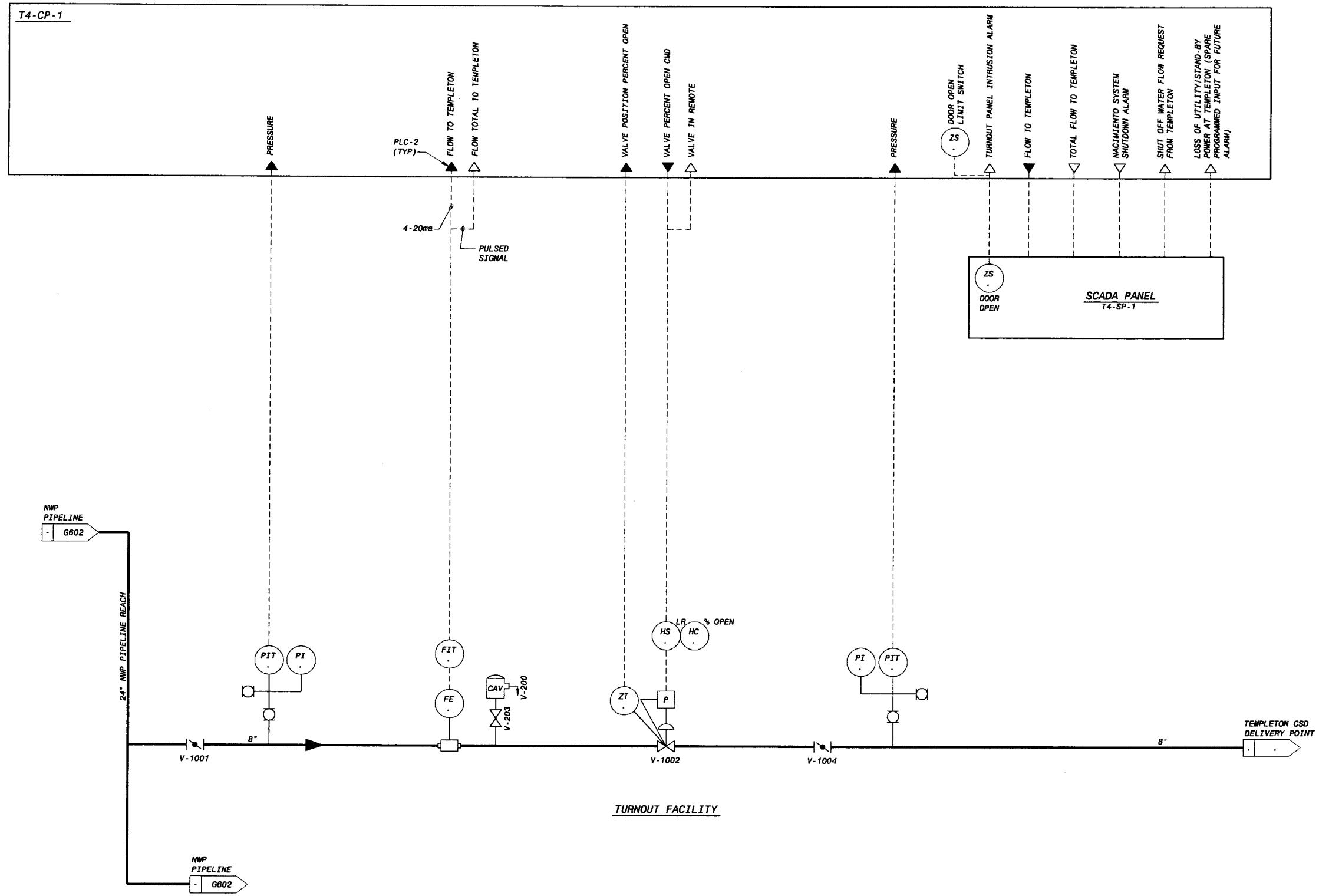
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT T4 - TEMPLETON TURNOUT
ELECTRICAL
ONE-LINE DIAGRAM

DESIGNED: JJM
DETAILED: JCP
CHECKED:
APPROVED:
DATE: 2/22/06

BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
T4-E601
SHEET OF

FD137522
D137522



NOTES:

1. SEE STD-G008 THROUGH STD-022 FOR LEGEND.
2. UNIT CODE IS "T4" UNLESS OTHERWISE NOTED.

NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

DATE	
CYGNET ID: 137522-I-BP6-E0000BOHC	VREF1:
WF: BP6-T4-I601.dwg	VREF2:
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USER: WCC10764 DWG VER: 1.9	VREF5:

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NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT T4 - TEMPLETON TURNOUT INSTRUMENTATION P&ID

DESIGNED: WEM
DETAILED: DSW
CHECKED:
APPROVED:
DATE: 2/22/06

BV PROJECT NO. 137522

NWP PROJECT NO. 3000187.08

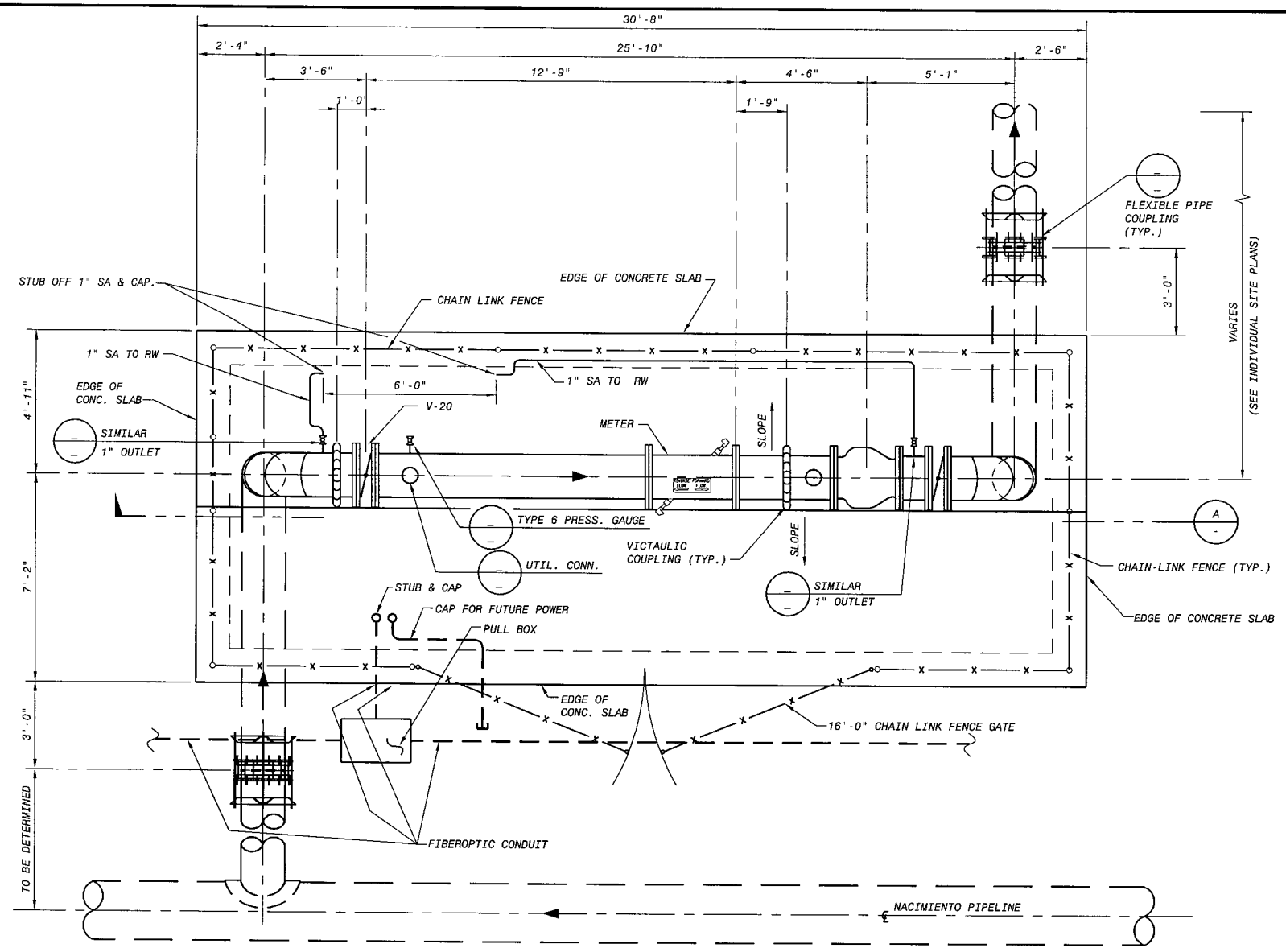
SPEC 06

T4-I601
SHEET OF

PRELIMINARY - NOT FOR CONSTRUCTION

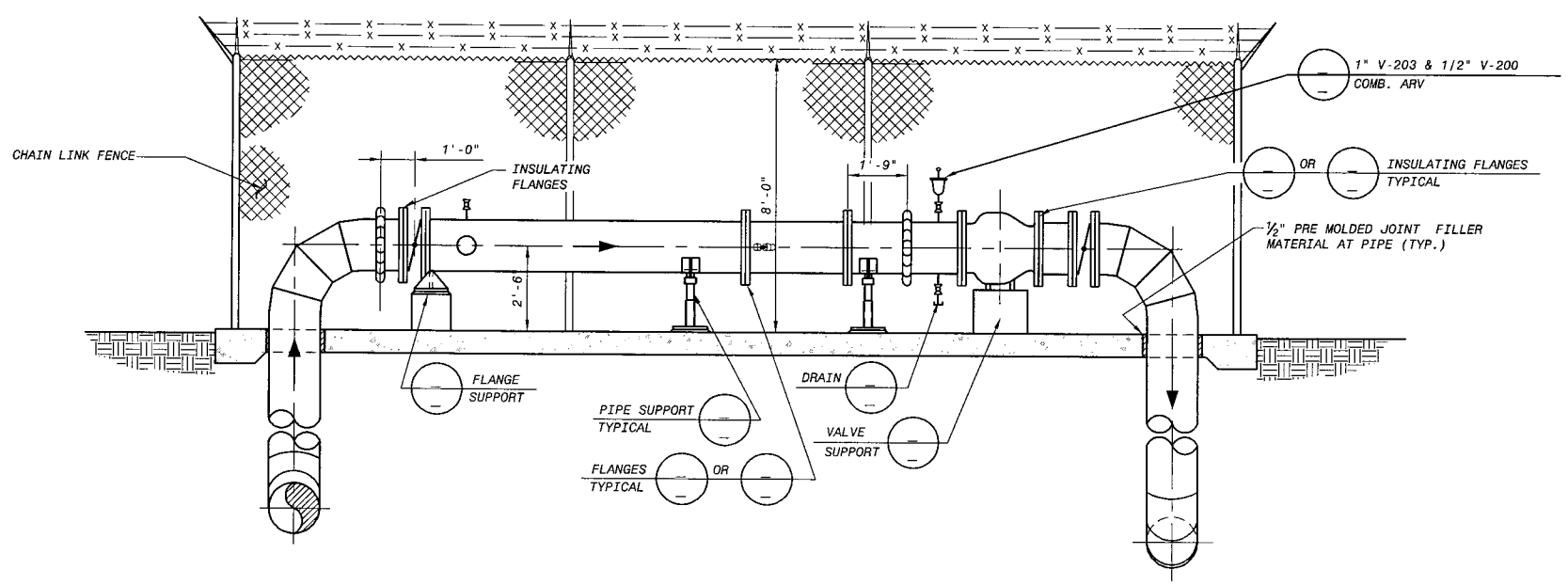
0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

FD137522
D137522



PLAN - ATASCADERO TURNOUT (1)

SCALE: 3/8" = 1'-0"



SECTION (A)

SCALE: 3/8" = 1'-0"

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

DATE	REVISIONS AND RECORD OF ISSUE
02/01/2006	DRAFT PDR SUBMITTAL

CYGNET ID:
WF-ACAD-20001
SAVED: VEL42520, 4/12/2005 10:18:09 AM
PLOTTED:
USER: VEL42520
DWG VER:
XREF1:
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

ATASCADERO TURNOUT - PLAN & SECTIONS

DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 4/12/2005

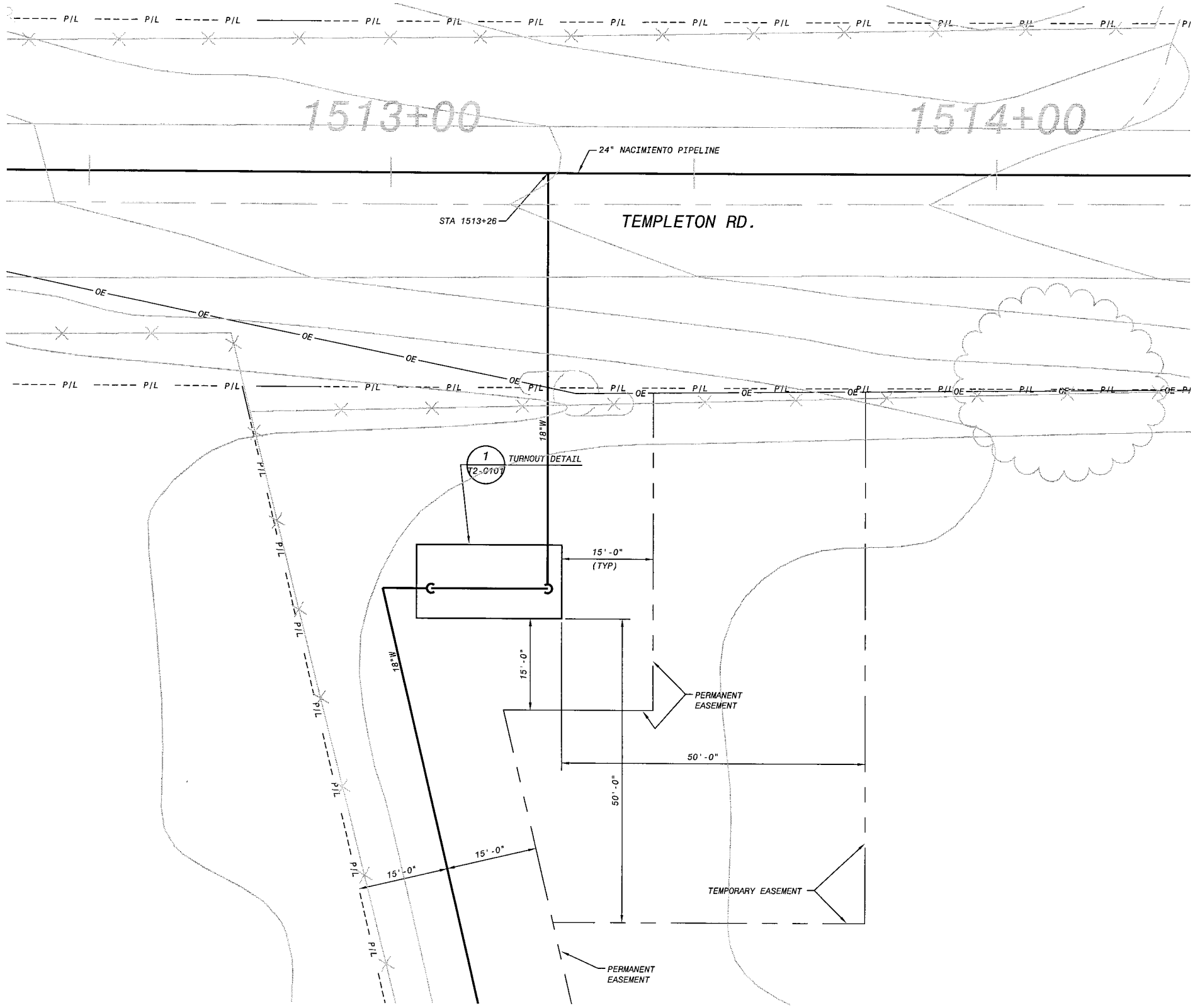
BV PROJECT NO.

NWP PROJECT NO.

SPEC
90245.691

T6-C101
SHEET
OF G-00

FD137522
D137522
DWG: T6-C101 LAYOUT: 403 Preim usrgn Phase\406 Turnout\PLANSET\T6-C101.dwg USER: mmcquinn
DATE: Feb 21, 2006 12:57pm XREFS: d137522 IMAGES: Boyle-Fab-Blue.tif NWPlogo.TIF



SITE PLAN

SCALE: 1" = 10'

NO.	BY	CK	APP

REVISIONS AND RECORD OF ISSUE

DATE

CYGNET ID:
WF:ACAD-20001
SAVED: VEL42520, 4/12/2005 10:18:09 AM
PLOTTED:
USER: VEL42520

XREF1:
XREF2:
XREF3:
XREF4:
XREF5:
DWG VER:

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BOYLE
ENGINEERING CORPORATION

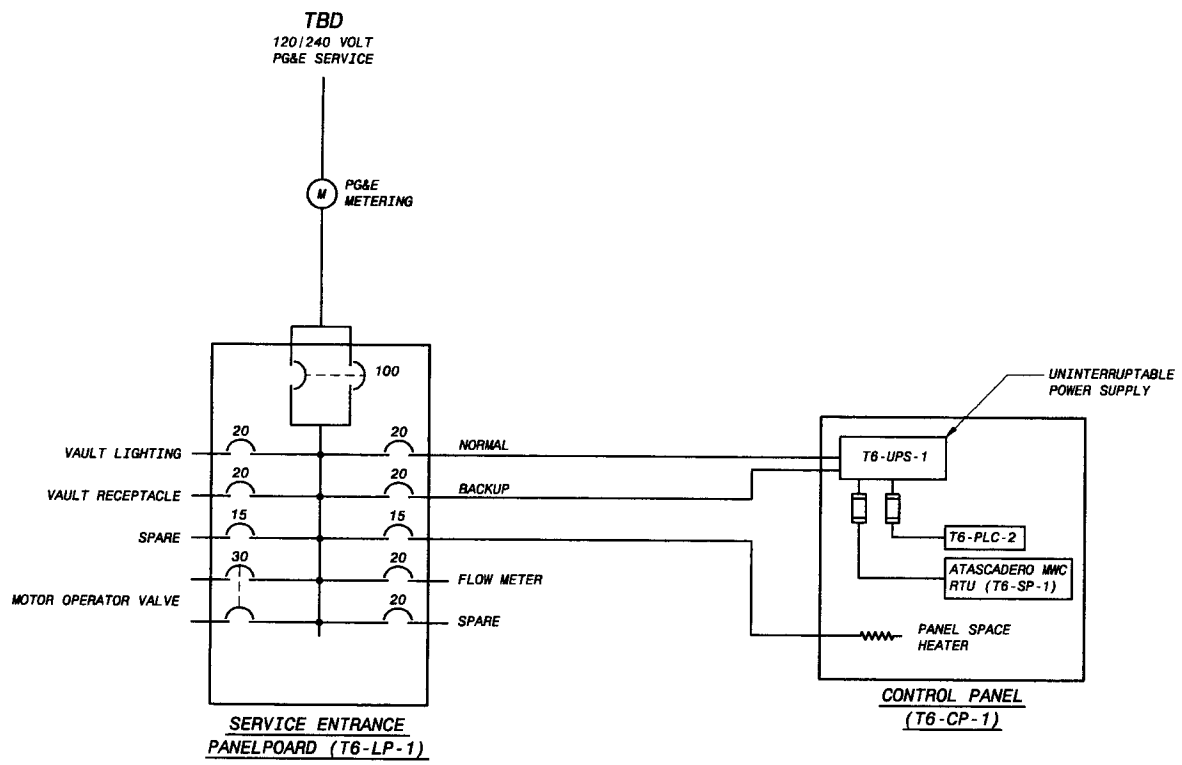
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

ATASCADERO TURNOUT
SITE PLAN

DESIGNED:
DETAILED:
CHECKED:
APPROVED:
DATE: 4/12/2005
BV PROJECT NO.
NWP PROJECT NO.
SPEC
90245.691
T6-C102
SHEET
OF G-00

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

FD137522
D137522



ATASCADERO MWC TURNOUT - T6
ONE-LINE DIAGRAM
NO SCALE

NOTES:

1. SEE STD-G023 THROUGH STD-G032 FOR LEGEND.

LEGEND:

TBD TO BE DETERMINED

PRELIMINARY - NOT FOR CONSTRUCTION

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

NO.	BY	CK	APP

DATE REVISIONS AND RECORD OF ISSUE

CYGNET ID: 137522-E-BP6-E000008158
WF: BP6-T6-E602.dwg
SAVED: MCC10764, 1/10/2006 3:17:53 PM
PLOTTED: MCC10764, 2/20/2006 10:04:13 AM
USER: MCC10764
DWG VER: 1.4
XREF1:
XREF2:
XREF3:
XREF4:
XREF5:

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BOYLE ENGINEERING CORPORATION

NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT T6 - ATASCADERO TURNOUT
ELECTRICAL
ONE-LINE DIAGRAM

DESIGNED: JJW
DETAILED: JCP
CHECKED:
APPROVED:
DATE: 2/22/06

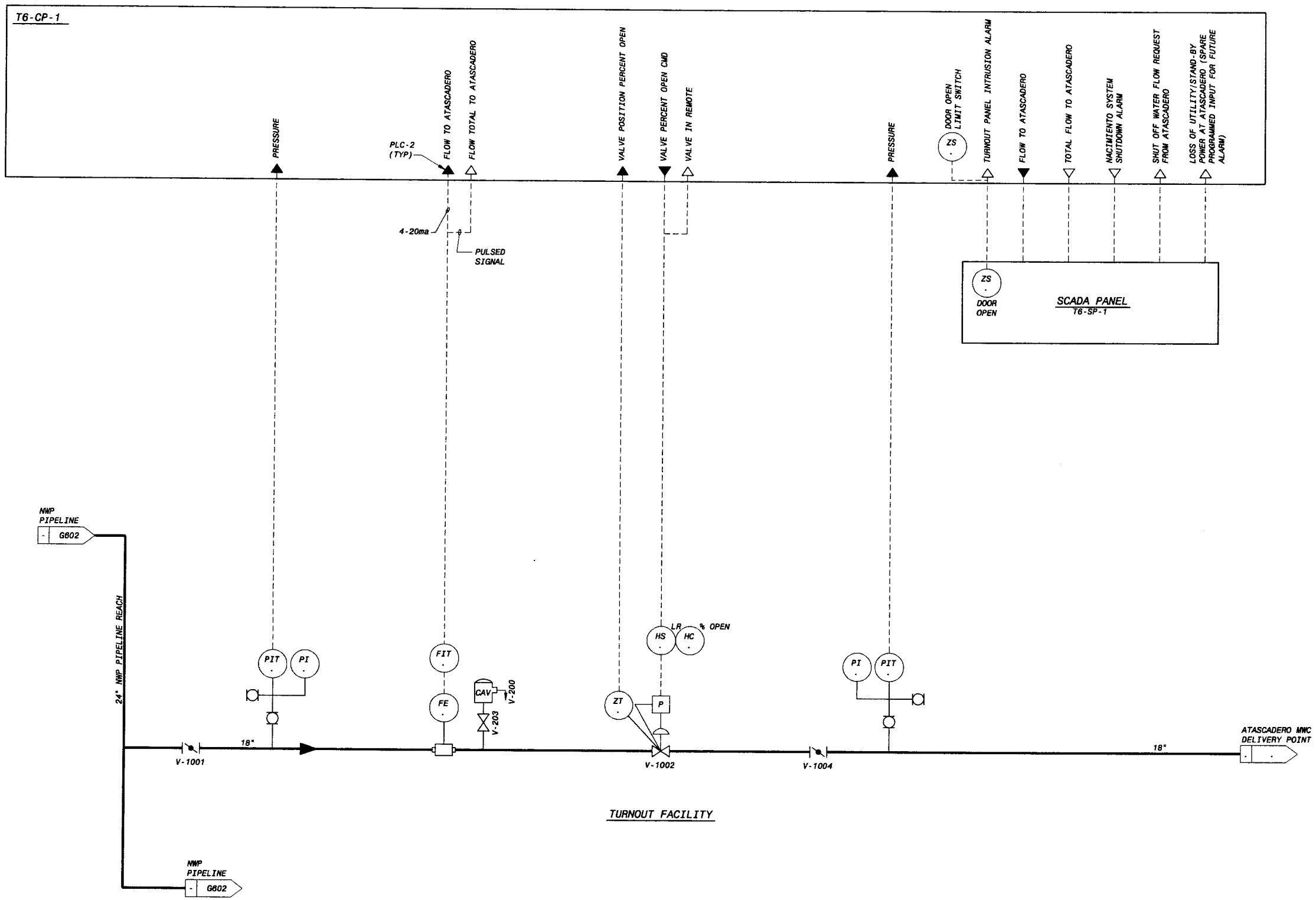
BV PROJECT NO.
137522

NWP PROJECT NO.
3000187.08

SPEC
06

T6-E602
SHEET
OF

FD137522
D137522



NOTES:

1. SEE STD-G008 THROUGH STD-022 FOR LEGEND.
2. UNIT CODE IS "T6" UNLESS OTHERWISE NOTED.

PRELIMINARY - NOT FOR CONSTRUCTION

0 1/2 1
IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO FULL SCALE

DATE	REVISIONS AND RECORD OF ISSUE	NO.	BY	CK	APP

CYGNET ID: 137522-I-BP6-E00008158
WF: BP6-T6-I602.dwg
SAVED: WAG13008, 2/14/2006 3:06:17 PM
PLOTTED: MCC10764, 1/19/2006 3:19:09 PM
USER: MCC10764
DWG VER: 1.9
XREF1:
XREF2:
XREF3:
XREF4:
XREF5:

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San Luis Obispo County Flood Control & Water Conservation District

UNIT T6 - ATASCADERO TURNOUT INSTRUMENTATION P&ID

DESIGNED: WEM
DETAILED: DSW
CHECKED:
APPROVED:
DATE: 2/22/06
BV PROJECT NO. 137522
NWP PROJECT NO. 3000187.08
SPEC 06
T6-I602
SHEET OF

FD137522
D137522