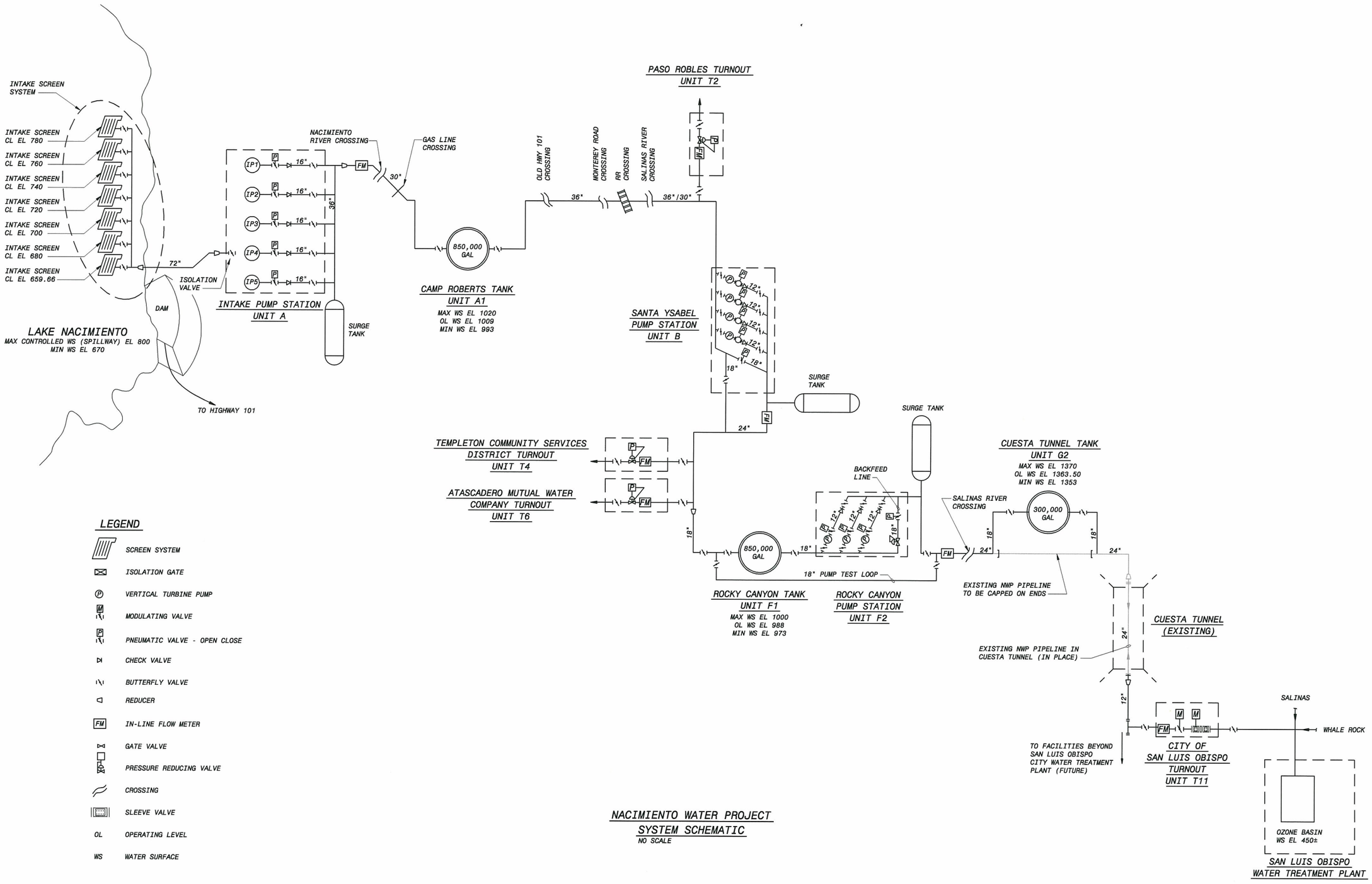

LEGEND

- SCREEN SYSTEM
- ISOLATION GATE
- VERTICAL TURBINE PUMP
- MODULATING VALVE
- PNEUMATIC VALVE - OPEN CLOSE
- CHECK VALVE
- BUTTERFLY VALVE
- REDUCER
- IN-LINE FLOW METER
- GATE VALVE
- PRESSURE REDUCING VALVE
- CROSSING
- SLEEVE VALVE
- OL OPERATING LEVEL
- WS WATER SURFACE

NACIMIENTO WATER PROJECT
SYSTEM SCHEMATIC
NO SCALE

PRELIMINARY - NOT FOR CONSTRUCTION

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

FD137522
D137522

NO.	BY	CK	APP	DATE	REVISIONS AND RECORD OF ISSUE
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				PLOTTED: GLA36511, 1/9/2007 12:53:55 PM	XREF4:
				USER: GLA36511	DWG VER: 3.0	XREF5:

REGISTERED PROFESSIONAL ENGINEER * R. KNEITZ * No. 36578 Exp. 03/31/08 * CIVIL * STATE OF CALIFORNIA

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ENERGY WATER INFORMATION GOVERNMENT

BOYLE
ENGINEERING CORPORATION

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

PIPELINE NORTH
GENERAL
SYSTEM SCHEMATIC

DESIGNED:	RWT, PRK
DETAILED:	SMM
CHECKED:	
APPROVED:	
DATE:	10/26/06
BV PROJECT NO.	137522
NWP PROJECT NO.	300187.08
SPEC	03
	G603
SHEET	OF

LEGEND

- CAMP ROBERTS TRAINING AREA
- CENTRAL CALIFORNIA COAST STEELHEAD HABITAT
- CALIFORNIA RED-LEGGED FROG
- CULTURAL AREAS TO BE AVOIDED
- CULTURAL AREAS TO BE MONITORED
- LEAST BELL'S VIREO SIGHTING AND POTENTIAL HABITAT
- RARE PLANT AREAS
- VERNAL POOL FAIRY SHRIMP
- WETLANDS

THE FOLLOWING MITIGATION MEASURES APPLY TO ALL DRAWINGS:

MM	APPROX LOCATION	MM BRIEF DESCRIPTION
AQ-1	ALL	SUBMITTAL OF DUST CONTROL & REDUCTION PLAN TO APCD PRIOR TO LAND USE CLEARANCE
AQ-2	ALL	SUBMIT AVAILABLE EMISSION MITIGATIONS TO APCD
AQ-3	ALL	SUBMIT AVAILABLE NOX & ROC REDUCTION MEASURES TO APCD
AQ-4	ALL	SUBMIT IMPLEMENTATION OF BACT TO APCD
BR-2	ALL	PREPARE AND SUBMIT BIOLOGY EDUCATION PROGRAM AND CONDUCT TRAINING
BR-4	ALL	CONDUCT CONSTRUCTION EQUIPMENT WORK PROCEDURES WITHIN SENSITIVE RESOURCE ZONES
BR-11	ALL	REVEG & RESTORATAL PROCEDURES FOR NEEDLEGRASS GRASSLAND AREAS & MONITORING BY QUALIFIED BIOLOGIST
BR-12	ALL	REVEG & RESTORAL PROCEDURES FOR CHAPARRAL, CENTRAL COAST SHRUB, & NONNATIVE GRASSLAND
CR-11	ALL	CEASE CONSTRUCTION AND NOTIFY ARCHAEOLOGIST IF UNKNOWN ARCHAEOLOGICAL RESOURCES ARE DISCOVERED
DE-1	ALL	CONSTRUCTION ACTIVITIES SHALL CONFORM TO REQUIREMENTS STATED IN THE EROSION CONTROL PLAN
DE-2	ALL	CONSTRUCTION REQUIREMENTS FOR DIVERTING FLOWS
DE-4	ALL	EMERGENCY CONSTRUCTION SITE SECURING PROCEDURES
DE-5	ALL	CONSTRUCTION WITHIN DRAINAGES SHOULD BE CONDUCTED FROM THE BANKS RATHER THAN WITHIN THE DRAINAGE
DE-6	ALL	MATERIALS OR SPOILS SHOULD NOT BE STORED WITHIN THE CHANNEL OR OVERBANKS
DE-7	ALL	OBTAIN WEATHER UPDATES DAILY IF INCLEMENT CONDITIONS ARE THREATENING
DE-8	ALL	EROSION & SEDIMENTATION IMPACTS SHALL BE MITIGATED BY EMPLOYING EROSION CONTROL PROCEDURES
DE-9	ALL	STREAM-BED CONSTRUCTION ACTIVITY REQUIREMENTS SUCH AS IN-CHANNEL SEDIMENTATION BASINS
DE-11	ALL	STORE EXCAVATED SOIL & STOCKPILES OF IMPORTED FILL OUTSIDE OF CHANNEL
DE-19	ALL	AREAS DISTURBED DURING CONST SHOULD BE REVEGETATED AS SOON AS PRACTICAL, PRIOR TO RAINY SEASON
DE-20	ALL	IMPLEMENT REGULAR INSPECTION & MAINTENANCE TO DETECT & REPAIR DAMAGED DISCHARGE PIPING
WQ-1	ALL	IDENTIFY NO FUELING ZONES TO COUNTY PRIOR TO CONSTRUCTION

THE FOLLOWING MITIGATION MEASURES APPLY TO SHEET AP-EP101 IN ITS ENTIRETY:

MM	APPROX LOCATION	MM BRIEF DESCRIPTION
BR-17	1	SUBMIT CONSTRUCTION ACTIVITIES WITHIN AND/OR ADJACENT TO ALL CREEK CROSSINGS, WETLANDS, ET. AL.
BR-18	1	SUBMIT CONSTRUCTION TECHNIQUES WHEN DISTURBING DRAINAGES OR WITHIN RIPARIAN AREAS
BR-21	1	EQUIPMENT NEAR DRAINAGES SHALL BE CLEAN AND FREE OF LEAKS OR GREASE
REC-1	1	PROVIDE SIGNAGE ADVISING BICYCLISTS & COORDINATE WITH SLO PUBLIC WORKS DEPT
REC-2	1	KEEP EQUIPMENT OFF PAVED ROADWAY TO ALLOW BICYCLISTS USE OF ROAD
REC-3	1	PROVIDE ONE FLAG PERSON TO GUIDE BICYCLISTS & VEHICLES IF ROADWAY IS BLOCKED BY EQUIPMENT
REC-4	1	UPON COMPLETION, REPLACE ALL BICYCLE LANES DAMAGED TO COUNTY STANDARDS

HOR: 1" = 50'

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 TD: 137522-C-BP1-E00007N2P
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					PLOTTED: MCC10764, 5/10/2006 3:52:41 PM
					USER: MCC10764

XREF1: BP1-C-HAL101.dwg
XREF2: BP1-C-UTIL01.dwg
XREF3: BP1-C-VAL101.dwg
XREF4: BP1-C-CUTY-PARC.dwg
XREF5: C-TOPO01.dwg

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BOYLE ENGINEERING CORPORATION

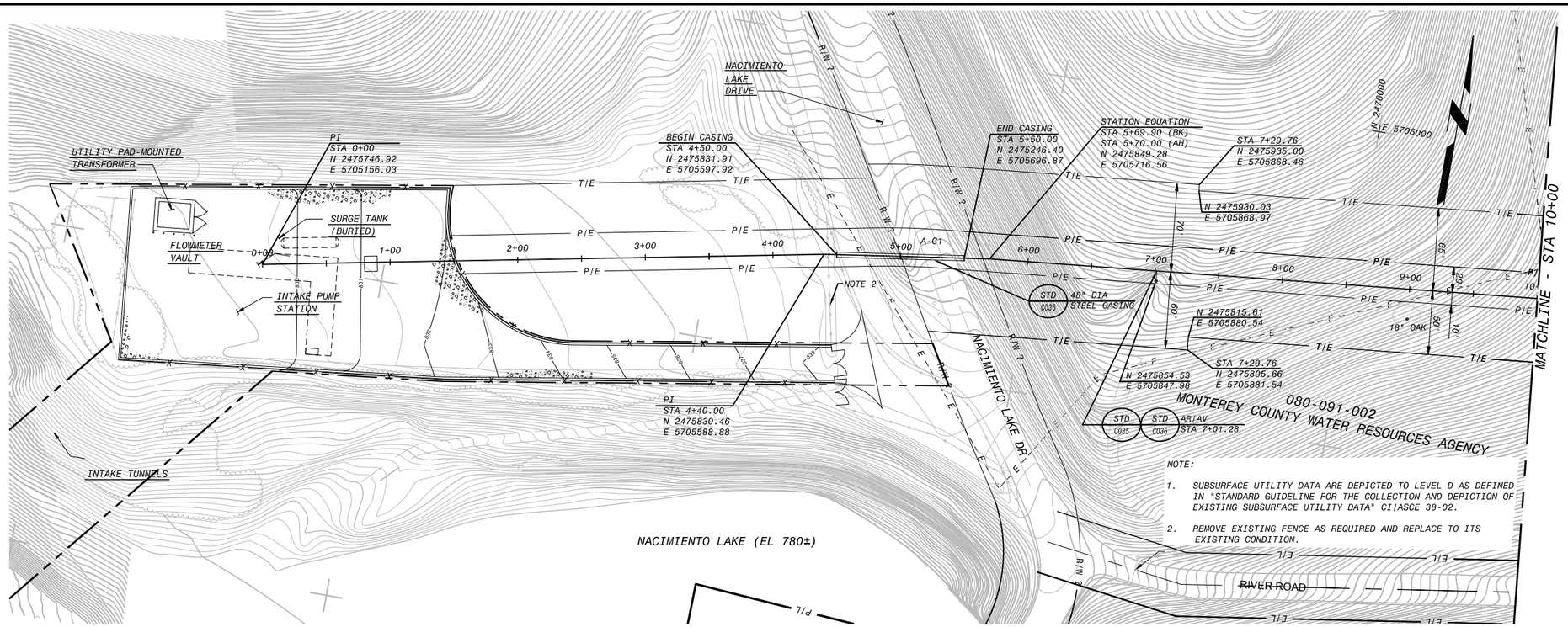
NWP NACIMIENTO WATER PROJECT
San Luis Obispo County Flood Control & Water Conservation District

UNIT A
ENVIRONMENTAL MITIGATION PLAN
STA 0+00 TO 10+00

DESIGNED:	
DETAILED:	
CHECKED:	
APPROVED:	
DATE:	2/22/06
BV PROJECT NO.	137522
NWP PROJECT NO.	300187.08
SPEC	03
	AP-EP101
SHEET OF	

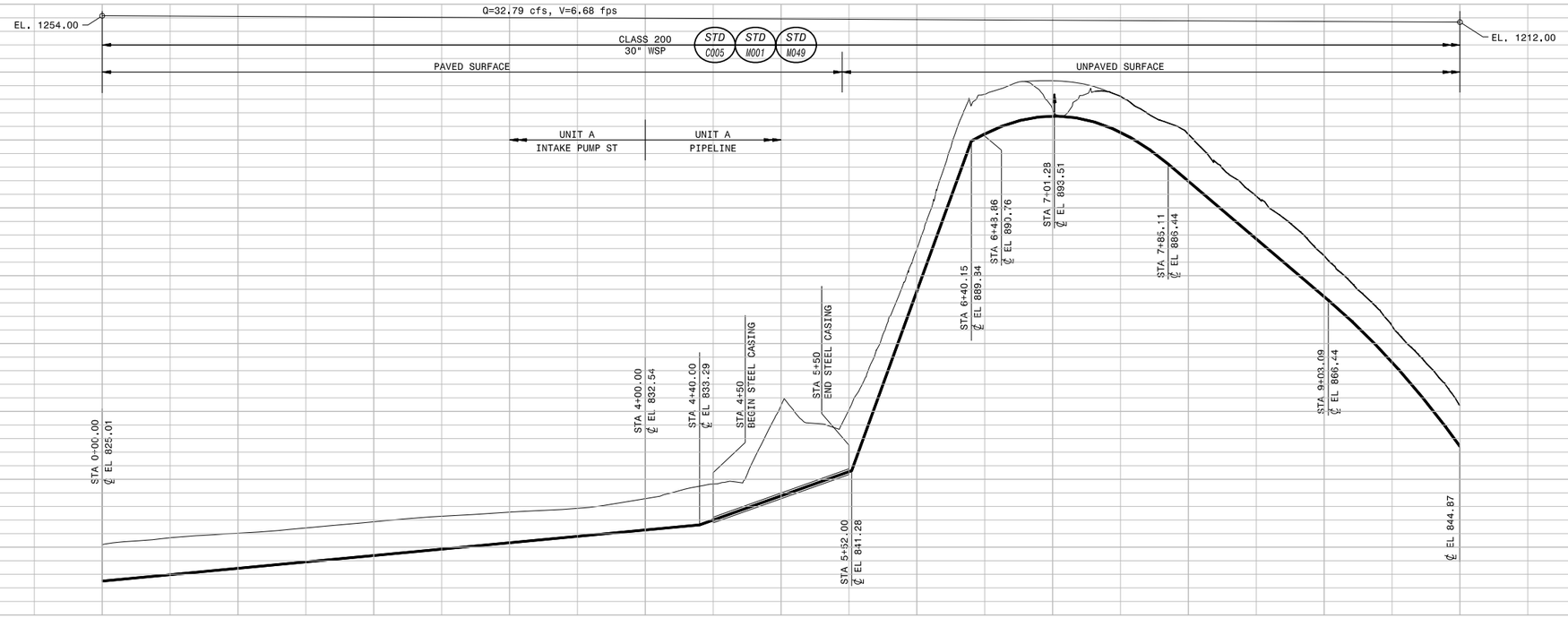
D137522R DWG: V:\880\22000\CAD\PLANSET\DW SHEETS\SC\AP-EP101.dwg USER: hlong
DATE: Oct 31, 2006 3:51pm XREFS: A-LC-HAL101 Segment8 Segment7

IMAGES Boyle-Full-Blue.tif NWPlogo.TIF npl-8-1.tif Jacobs.JPG
D137522R EP-TEXT01 npl-8-1 EP-STE01



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.
2. REMOVE EXISTING FENCE AS REQUIRED AND REPLACE TO ITS EXISTING CONDITION.



CURVES IN PROFILE ARE AT MIN RADIUS OF 500 FT

PLAN AND PROFILE
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
				XREF1:BP1-C-HALN01.dwg	
				XREF2:BP1-C-UTIL01.dwg	
				XREF3:BP1-C-VALN01.dwg	
				XREF4:BP1-C-CNTY-PARC.dwg	
				XREF5:C-TOPO01.dwg	

CYGNET ID: 137522-C-BP1-E00001N2P
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SAVED: MCC10764, 5/10/2006 3:52:39 PM
PLOTTED: MCC10764, 5/10/2006 3:52:41 PM
USER: MCC10764 | DWG VER: 1.7

REGISTERED PROFESSIONAL ENGINEER — RYAN M. CHANCE — No. C69235 — Exp. 6/30/08 — CIVIL — STATE OF CALIFORNIA

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BOYLE ENGINEERING CORPORATION

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

UNIT A - PIPELINE
CIVIL
PLAN AND PROFILE STA 0+00 TO 10+00

DESIGNED:	RMC/JPS
DETAILED:	JAD
CHECKED:	SH
APPROVED:	
DATE:	2/22/06
BV PROJECT NO.	137522
NWP PROJECT NO.	300187.08
SPEC	01
	AP-C101
SHEET	OF

FD137522
D137522