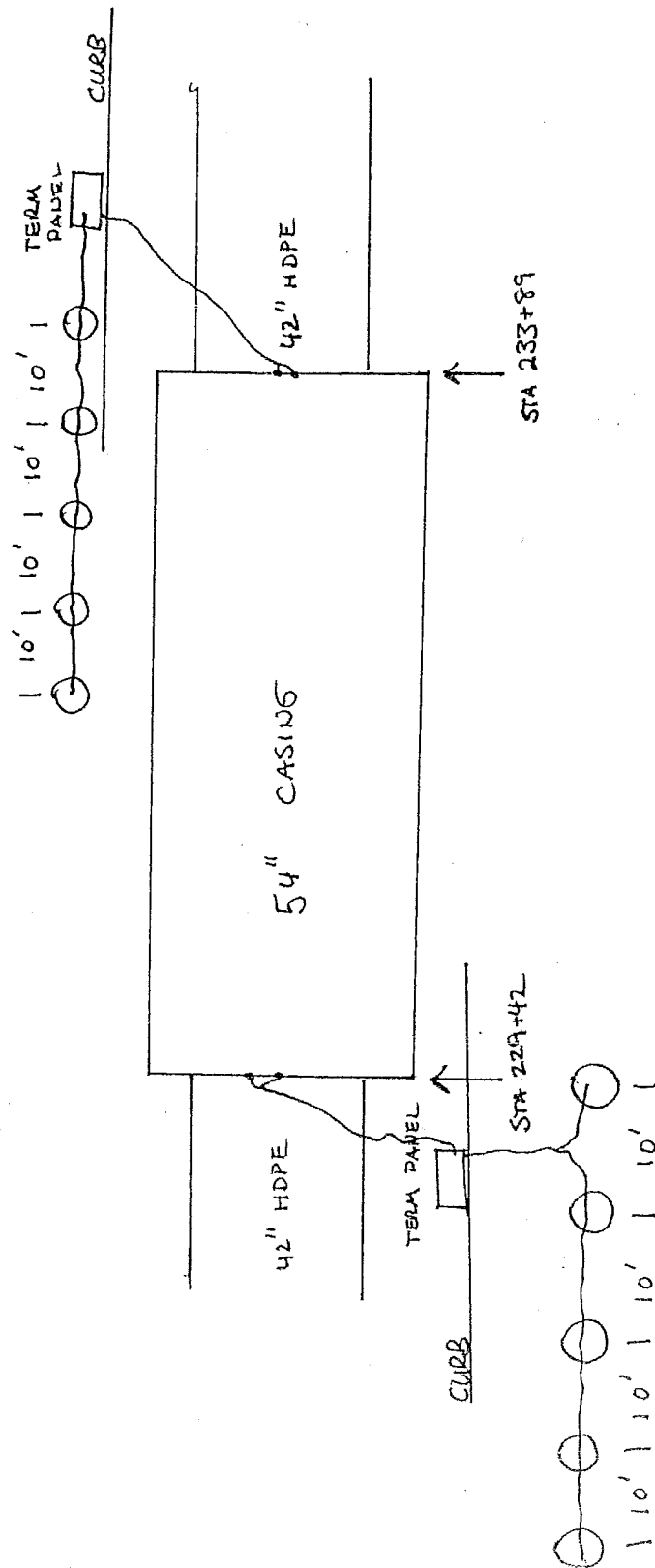
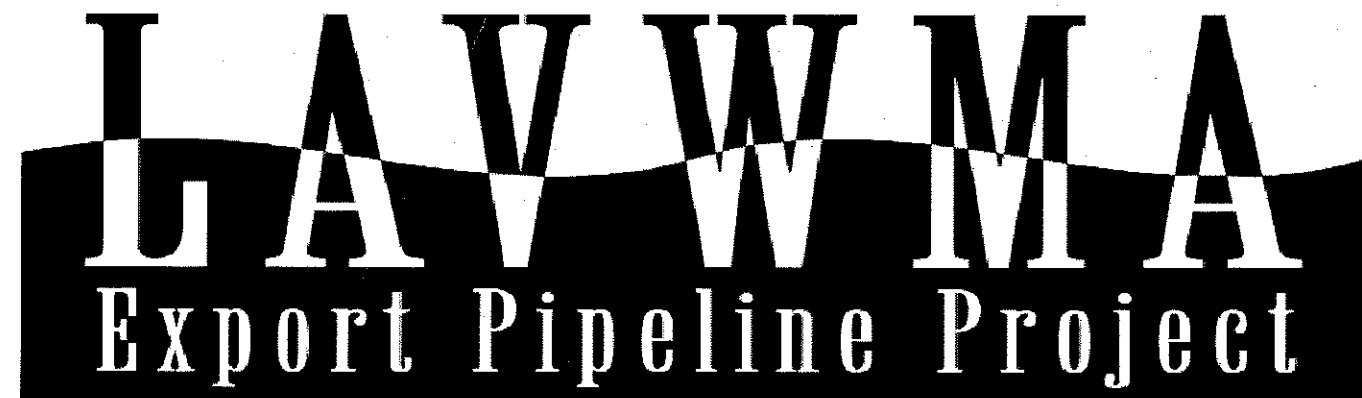


STA. 233+89 AND STA. 229+42 CATS C202

NOTE: EACH STATION 5 DRILLS W/ 2 ANODES EACH DRILL
 STA 229+42 = 28' DEEP
 STA 233+89 = 19' DEEP





**LIVERMORE-AMADOR VALLEY
WATER MANAGEMENT AGENCY**

**RECORD DRAWINGS FOR THE CONSTRUCTION OF
EXPORT PIPELINE PROJECT
CASTRO VALLEY / LEWELLING SEGMENT
PROJECT 2000-03**

VOLUME 3 - DRAWINGS

FEBRUARY 2006

LAVWMA BOARD OF DIRECTORS

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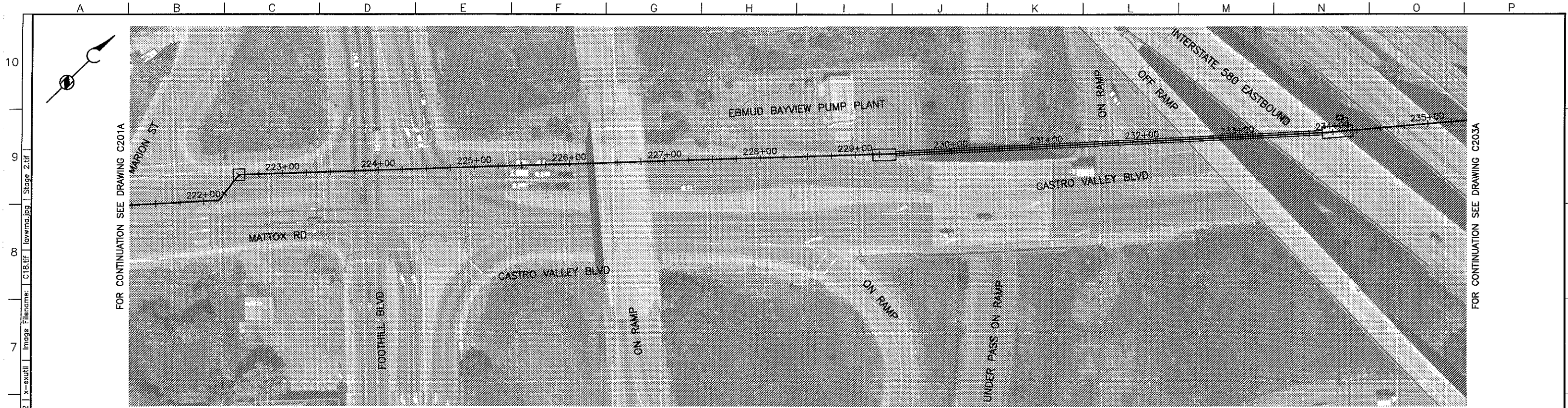
CONTRACT DOCUMENTS CONSIST OF:

VOLUME 1 - SPECIFICATIONS
VOLUME 2 - APPENDICES
VOLUME 3 - DRAWINGS

**B R O W N A N D
C A L D W E L L**

LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY			
THIS DESIGN IS ACCEPTABLE FOR CONSTRUCTION AS INDICATED			
BY VIVIAN HOUSEN GENERAL MANAGER	REC NO. 46324	EXP. 12/31/05	DATE

Copy No.

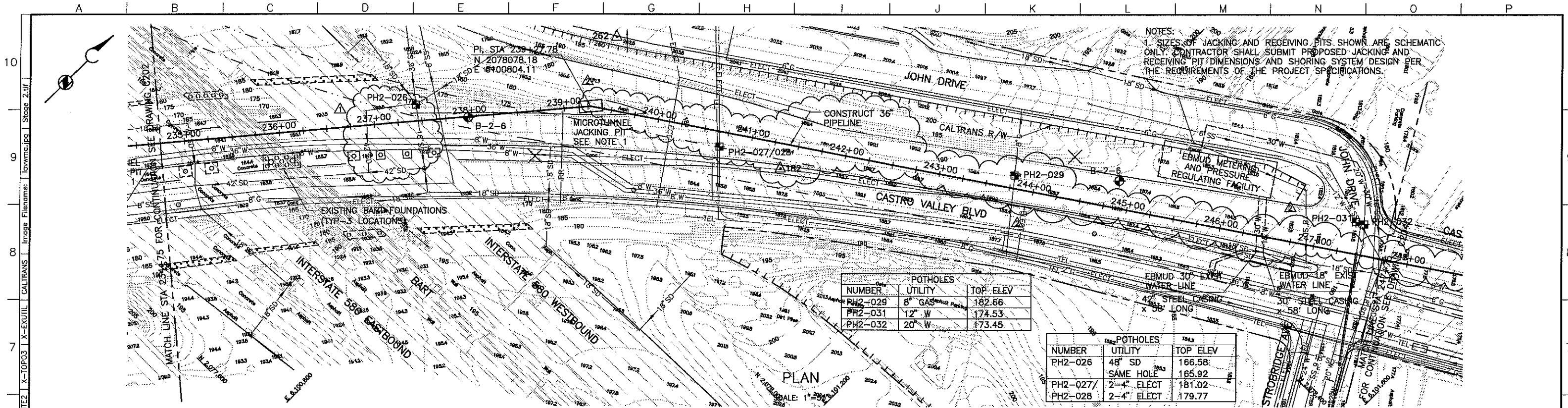


AERIAL PHOTOGRAPH PLAN
SCALE: 1"=50'

- LEGEND:**
- WETLAND OR WATER-ASSOCIATED HABITAT
 - SPECIAL STATUS BATS, RAPTORS AND PASSERINES
 - CALIFORNIA RED-LEGGED FROG
 - ALAMEDA WHIPSNAKE

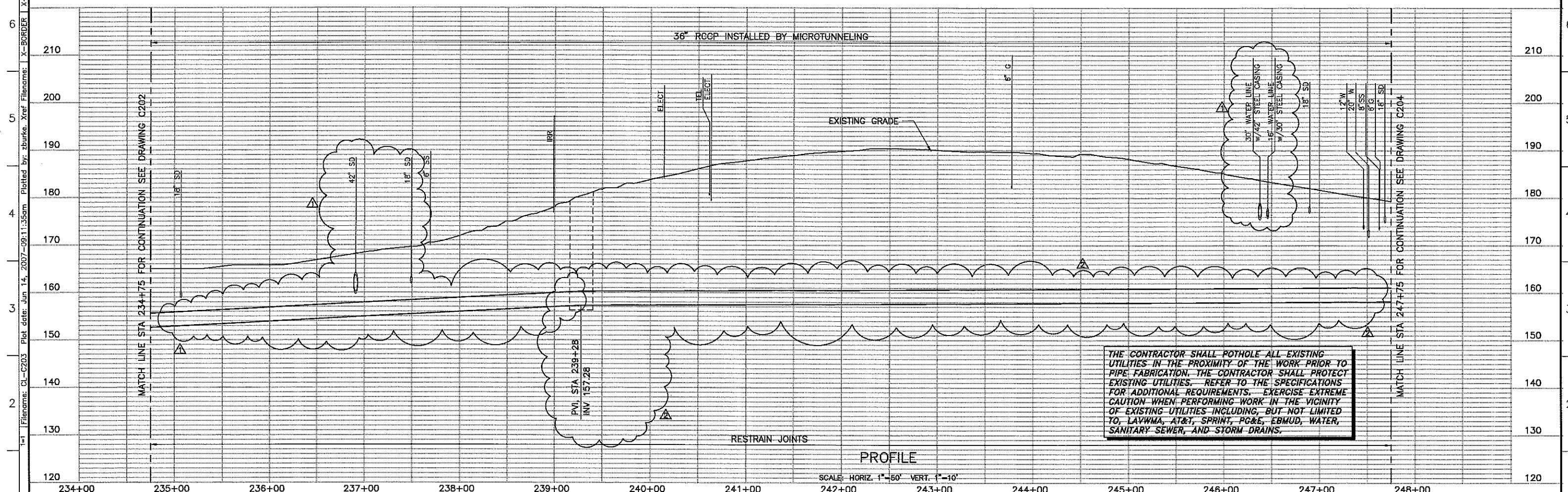
- NOTES:**
- CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF SWPPP IN SPECS.
 - DETAILED DESCRIPTIONS OF MITIGATION REQUIREMENTS ARE PROVIDED IN MITIGATION MONITORING REPORTING PLAN IN SPECS.

BROWN AND CALDWELL SUBMITTED: CHARLES W. JOYCE APPROVED: GRACE C. CHOW APPROVED: BROWN AND CALDWELL	DATE: 05/NOV/01 DATE: 05/NOV/02 DATE:	FILE 17713 DRAWN C. TO DESIGNED E. PETREL CHECKED C. JOYCE CHECKED	RECORD DRAWING THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.						<table border="1"><thead><tr><th colspan="6">REVISIONS</th></tr><tr><th>ZONE</th><th>REV.</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th><th>APP.</th></tr></thead><tbody><tr><td></td><td>1</td><td>RECORD DRAWING</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>						REVISIONS						ZONE	REV.	DESCRIPTION	BY	DATE	APP.		1	RECORD DRAWING																 LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY EXPORT PIPELINE PROJECT CASTRO VALLEY / LEWELLING SEGMENT PROJECT 2000-03	CIVIL	SPECIAL MITIGATIONS STA 221+75 TO STA 234+75	SCALE AS SHOWN
			REVISIONS																																													
			ZONE	REV.	DESCRIPTION	BY	DATE	APP.																																								
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DRAWING NUMBER																																																
C202A																																																
SHEET NUMBER																																																
23A																																																



POTHOLES		
NUMBER	UTILITY	TOP ELEV
PH2-029	8" GAS	182.66
PH2-031	12" W	174.53
PH2-032	20" W	173.45

POTHOLES		
NUMBER	UTILITY	TOP ELEV
PH2-026	48" SD	166.58
PH2-027/028	SAME HOLE	165.92
PH2-027	2-4" ELECT	181.02
PH2-028	2-4" ELECT	179.77



THE CONTRACTOR SHALL FILL ALL EXISTING POTHOLES IN THE PROXIMITY OF THE WORK PRIOR TO PIPE FABRICATION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. EXERCISE EXTREME CAUTION WHEN PERFORMING WORK IN THE VICINITY OF EXISTING UTILITIES INCLUDING, BUT NOT LIMITED TO, LAVVMA, AT&T, SPRINT, PG&E, EBMUD, WATER, SANITARY SEWER, AND STORM DRAINS.

BROWN AND CALDWELL

SUBMITTED: CHARLES W. JOYCE DATE: 05/NOV/01
APPROVED: GRACE C. CHOW DATE: 05/NOV/02
APPROVED: DATE:

FILE 17713
DRAWN C. TO
DESIGNED E. PETREL
CHECKED C. JOYCE
CHECKED

RECORD DRAWING

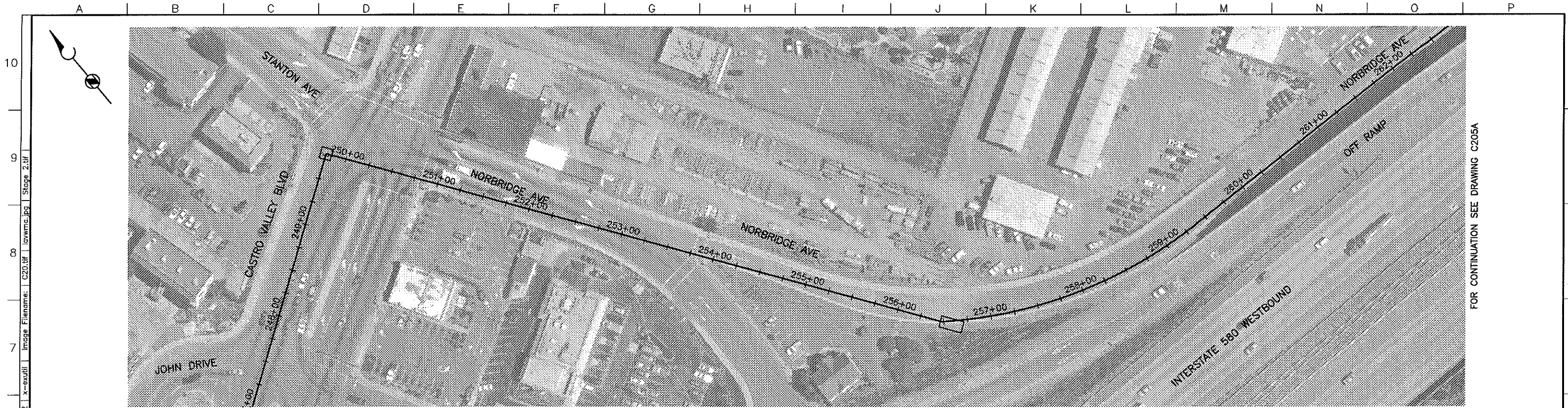
THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.

ZONE		REV.	REVISIONS		BY	DATE	APP.
VAR	△		DESCRIPTION		CEC	2/06	CWJ
			RECORD DRAWING				

LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY
EXPORT PIPELINE PROJECT
CASTRO VALLEY / LEWELLING SEGMENT
PROJECT 2000-03

CIVIL
PLAN AND PROFILE
STA 234+75 TO STA 247+75

SCALE AS SHOWN
DRAWING NUMBER **C203**
SHEET NUMBER 24



FOR CONTINUATION SEE DRAWING C203A

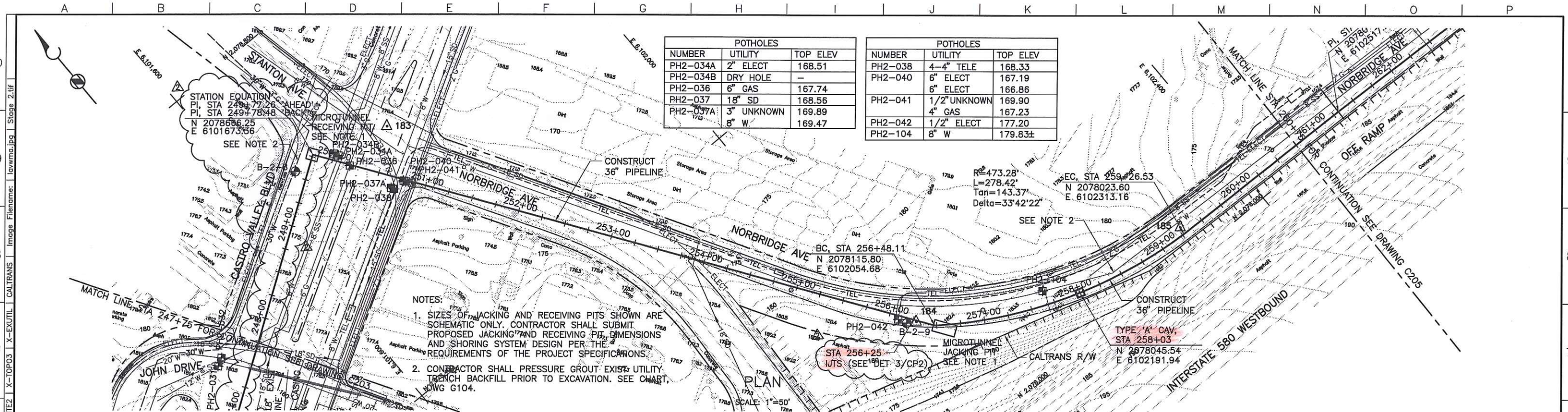
AERIAL PHOTOGRAPH PLAN
SCALE: 1"=50'

FOR CONTINUATION SEE DRAWING C205A

- LEGEND:**
- WETLAND OR WATER-ASSOCIATED HABITAT
 - SPECIAL STATUS BATS, RAPTORS AND PASSERINES
 - CALIFORNIA RED-LEGGED FROG
 - ALAMEDA WHIPSNAKE

- NOTES:**
- CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF SWPPP IN SPECS.
 - DETAILED DESCRIPTIONS OF MITIGATION REQUIREMENTS ARE PROVIDED IN MITIGATION MONITORING REPORTING PLAN IN SPECS.

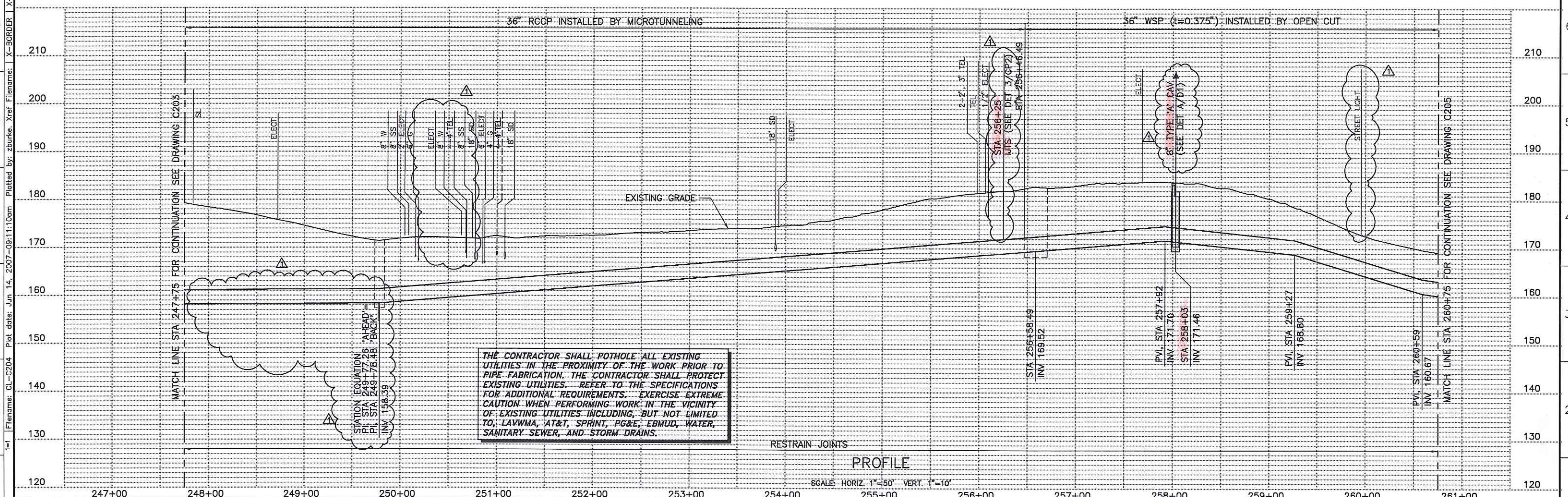
<div><div>BROWN AND CALDWELL</div><div>SUBMITTED: CHARLES W. JOYCE APPROVED: GRACE C. CHOW APPROVED: BROWN AND CALDWELL</div><div>DATE: 05/NOV/01 DATE: 05/NOV/02 DATE:</div></div>	<div>LINE IS 2 INCHES AT FULL SIZE (IF NOT 2"=SCALE ACCORDINGLY)</div> <div>FILE 17713 DRAWN C. TO DESIGNED E. PETREL CHECKED C. JOYCE CHECKED</div>	<div>RECORD DRAWING</div> <div>THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.</div>	<table><tr><th>ZONE</th><th>REV.</th><th>DESCRIPTION</th><th>BY</th><th>DATE</th><th>APP.</th></tr><tr><td></td><td>1</td><td>RECORD DRAWING</td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>	ZONE	REV.	DESCRIPTION	BY	DATE	APP.		1	RECORD DRAWING																												<div><div> LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY</div><div>EXPORT PIPELINE PROJECT CASTRO VALLEY / LEWELLING SEGMENT PROJECT 2000-03</div></div>	<div>CIVIL</div> <div>SPECIAL MITIGATIONS STA 247+75 TO STA 260+75</div>	<div>SCALE AS SHOWN</div> <div>DRAWING NUMBER C204A</div> <div>SHEET NUMBER 25A</div>
	ZONE	REV.	DESCRIPTION	BY	DATE	APP.																																				
		1	RECORD DRAWING																																							



POTHOLES		
NUMBER	UTILITY	TOP ELEV
PH2-034A	2" ELECT	168.51
PH2-034B	DRY HOLE	-
PH2-036	6" GAS	167.74
PH2-037	18" SD	168.56
PH2-037A	3" UNKNOWN	169.89
PH2-037B	8" W	169.47

POTHOLES		
NUMBER	UTILITY	TOP ELEV
PH2-038	4-4" TELE	168.33
PH2-040	6" ELECT	167.19
PH2-041	6" ELECT	166.86
PH2-041	1 1/2" UNKNOWN	169.90
PH2-042	4" GAS	167.23
PH2-042	1 1/2" ELECT	177.20
PH2-104	8" W	179.83±

- NOTES:
1. SIZES OF JACKING AND RECEIVING PITS SHOWN ARE SCHEMATIC ONLY. CONTRACTOR SHALL SUBMIT PROPOSED JACKING AND RECEIVING PIT DIMENSIONS AND SHORING SYSTEM DESIGN PER THE REQUIREMENTS OF THE PROJECT SPECIFICATIONS.
 2. CONTRACTOR SHALL PRESSURE GROUT EXISTING UTILITY TRENCH BACKFILL PRIOR TO EXCAVATION. SEE CHART, DWG G104.



THE CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES IN THE PROXIMITY OF THE WORK PRIOR TO PIPE FABRICATION. THE CONTRACTOR SHALL PROTECT EXISTING UTILITIES. REFER TO THE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. EXERCISE EXTREME CAUTION WHEN PERFORMING WORK IN THE VICINITY OF EXISTING UTILITIES INCLUDING, BUT NOT LIMITED TO, LAVVMA, AT&T, SPRINT, PG&E, EBMUD, WATER, SANITARY SEWER, AND STORM DRAINS.

BROWN AND CALDWELL

SUBMITTED: CHARLES W. JOYCE
APPROVED: GRACE C. CHOW
APPROVED: [Signature]

DATE: 05/NOV/01
DATE: 05/NOV/02
DATE: [Blank]

FILE 17713
DRAWN C. TO
DESIGNED E. PETREL
CHECKED C. JOYCE

THIS RECORD DRAWING WAS PREPARED USING INFORMATION REPORTED TO BROWN AND CALDWELL. THE INFORMATION WAS NOT INDEPENDENTLY FIELD VERIFIED. THIS DRAWING CANNOT BE RELIED UPON AS AN EXACT REPRESENTATION OF ACTUAL CONDITIONS.

ZONE	REV.	DESCRIPTION	BY	DATE	APP.
VAR	1	RECORD DRAWING	CEC	2/06	CWJ

LAVVMA LIVERMORE-AMADOR VALLEY WATER MANAGEMENT AGENCY
EXPORT PIPELINE PROJECT
CASTRO VALLEY / LEWELLING SEGMENT
PROJECT 2000-03

CIVIL

SCALE AS SHOWN
DRAWING NUMBER **C204**
SHEET NUMBER 25