SURVEYOR’S STATEMENT:
THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY NEIM’S SURVEYING INC./A-TI INC.
THIS SURVEY REPRESENTS THE CONDITIONS AS OF OCTOBER 2019.
NOTE: NO TITLE REPORT WAS SUPPLIED FOR THIS SURVEY. THEREFORE, IT IS NOT KNOWN IF ANY EXCEPTIONS, EASEMENTS OR LEASES ENCUMBER THIS PROPERTY.
NOTE: THIS MAP DOES NOT ATTEMPT TO IDENTIFY ALL UNDERGROUND FACILITIES. IT IS RECOMMENDED THAT UTILITY COMPANIES BE CONTACTED PRIOR TO CONSTRUCTION, IN REGARD TO LOCATION.

BENCHMARK USED:
CONTROL POINT #50
1" IRON PIPE WITH COTTON PICKER SPINDLE ON THE EAST SIDE OF THE LEVEE AND THE ENTRANCE TO THE SAN JOAQUIN RIVER.
ELEVATION = 64.47' (NAVD 88)

DESCRIPTION DATED DOWN CHKD APVD BY

OK DEPT SUPV DWN CHKD DATE
SCALE REV

REVISED

2100 VALLEY MEADOW DRIVE OAK VIEW, CA 93022
TEL: 805.649.9364 EMAIL: MSTEFFY@LONGITUDE123.NET

PG&E DECOMMISSIONING PIPELINE L-215 PHASE 2 REPLACEMENT PROJECT

SUPERSEDES SUPERSEDED BY SHEET 1 OF 14 SHEETS

DEWHurst

YCE INCORPORATED
Civil Engineering & Land Surveying
1514 Marine Avenue, Suite A - Ventura, CA 93003
19033 Gledhill Street - Northridge, CA 91324
(805) 965-6995 (818) 701-5512
Email: ce/oebell.net
DECOMMISSIONING PIPELINE L-215 PHASE 2 REPLACEMENT PROJECT

30% DESIGN

EXISTING 12" PIPE (L-215) -- SLURRY FILLED AND ABANDONED IN PLACE

VERTICAL SCALE 1" = 10'
HORIZONTAL SCALE 1" = 20'

LEGEND:
UNDERGROUND PIPE -- ---
12" PIPE SLURRY FILLED AND ABANDONED IN PLACE
CHAIN LINK FENCE --- ---
30% DESIGN

GENERAL NOTES:
PER PADE ASSOCIATES, INC. THE ORDINARY HIGH WATER MARK IS BASED ON FIELD INDICATORS OBSERVED DURING DELINEATION SURVEYS AND CROSS-REFERENCES WITH STREAM GAGE DATA AT DIFFERENT FLOOD STAGES.

EXCAVATION AREA @ OHWM

LEGEND:
- WATER LINE
- CHAIN LINK FENCE
- BARBED WIRE FENCE
- TREES
- UNDERGROUND PIPE
- 12" PIPELINE SLURRY FILLED AND ABANDONED IN ENTIRETY
- 12" PIPELINE REMOVED IN ENTIRETY
- TEMPORARY IMPACT AREA
- ORDINARY HIGH WATER MARK

EXCAVATION AREA @ OHWM

DECOMMISSIONING PIPELINE L-215 PHASE 2 REPLACEMENT PROJECT

VERTICAL SCALE 1"=10'
HORIZONTAL SCALE 1"=20'
GENERAL NOTES:

PER PAADE ASSOCIATES, INC. THE ORDINARY HIGH WATER MARK IS BASED ON FIELD INDICATORS OBSERVED DURING DELINEATION SURVEYS AND CROSS-REFERENCED WITH STREAM GAGE DATA AT DIFFERENT FLOOD STAGES.

STREAM GAGE DATA AT DIFFERENT FLOOD INDICATORS OBSERVED DURING DELINEATION

5: MARK OHWM
ORDINARY HIGH WATER MARK

4: TEMPORARY IMPACT AREA
AND ABANDONED IN PLACE
12" PIPELINE SLURRY FILLED
12" PIPELINE REMOVED IN ENTIRETY

3: SUBMERGED RIVERBED

2: WEST LANDING
SEGMENT

/categories: civil engineering
UNDERGROUND PIPELINE
(TO BE REMOVED)

TEMPORARY IMPACT AREA
216,211 SQ. FT.

N60° 12' 11" E
381.35'

TO WATER LEVEL

GRAPHIC SCALE

SCALE: 1" = 20'

GENERAL NOTES:
PER PADRE ASSOCIATES, INC. THE ORDINARY HIGH WATER MARK IS BASED ON FIELD INDICATORS OBSERVED DURING DELINEATION SURVEYS AND CROSS-REFERENCED WITH STREAM GAGE DATA AT DIFFERENT FLOOD STAGES.
TEMPORARY IMPACT AREA 216,211 SQ. FT.

24" DIA. IRRIGATION BUBBLER
N. = 1988793.741
E. = 6405026.706

12" DIA. ST AND PIPE
24" DIA. IRRIGATION

PIPELINE CONTINUES ALONG CROWN OF AGRICULTURAL LEVEE TO THE EAST ACOE LEVEE, SEE DETAIL A ON SHEET 11.

DECOMMISSIONING PIPELINE L-215 PHASE 2 REPLACEMENT PROJECT

GENERAL NOTES:
PER PADRE ASSOCIATES, INC. THE ORDINARY HIGH WATER MARK IS BASED ON FIELD INDICATORS OBSERVED DURING DELINEATION SURVEYS AND CROSS REFERENCED WITH STREAM GAGE DATA AT DIFFERENT FLOOD STAGES.
TEMPORARY IMPACT AREA
78,842 SQ. FT.

NOTE:
- NO FIELD SURVEY WAS CONDUCTED AT ACOE EAST LEVEE SEGMENT.

EXCAVATION AREA
30' X 20'

EXISTING GRADE

LEGEND:
- UNDERGROUND PIPE
- TEMPORARY IMPACT AREA

DETAIL A

EXCAVATION AREA

ACOE EAST LEVEE SEGMENT PIPELINE - N. T. S.

30% DESIGN

DECOMMISSIONING PIPELINE L-215 PHASE 2 REPLACEMENT PROJECT

YCE CORPORATION
Civil Engineering & Land Surveying

1019-01
SUPERSEDES SHEET 12 OF 14 SHEETS

DIV 1019-01
SUPERSEDED BY SHEET 13 OF 14 SHEETS

500 SQ. FT.
37 CU. YD.

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FAC/INK

[Diagram with various annotations and measurements]
1. **EXCAVATION NOTES:**
   
a. EXCAVATE 1 FT BELOW EXISTING PIPE XING GRADE -- 2" -- 3"

2. **ATTACHING THE WIRE TO THE GAS MAIN CCV 0-10, FIGURE 1**

3. **WARNING DECAL**
   
   - 36"
   - 24"

4. **ETS TYPE A CCV 0-10**

5. **STEEL PLATE 18" X 18" X 1/2" THICK (TYPE 2)**

6. **WELD PLATE TO END OF FILLED PIPE (TYP. 2 PLACES)**

7. **L-215 PIPELINE TERMINATION 3/8" 14" 1/2" A36 STEEL PLATE**

**NOTES:**

1. WELDED STEEL CAPS ON ALL TERRESTRIAL PIPE ENDS TO BE ABANDONED IN PLACE.
2. PIPE CAP MATERIALS 1/2" A36 STEEL PLATE 14" X 14"
3. ALL WELDING E7018 30% DESIGN

---

**ALL EXCAVATION AND BACKFILL DESIGN (TYPICAL)**
### BOM # | MATERIAL DESCRIPTION | MATERIAL CODE # | UNIT | QTY | STANDARD
--- | --- | --- | --- | --- | ---
10 | NIPPLE, SAV-A-VALVE, 2", WELD, STEEL, MUELLER #1=1493L, STEEL CAP, DRILLING 1-3/8ID 2" MAXIMUM, 1440 PSI MAXIMUM | M222280 | EA | 20 | S&S C-14
11 | MARKER, EXTENDED RANGE BALL, EMS TYPE, YELLOW, 3M #1405-YK, FOR MARKING BURIED GAS FACILITIES, MAXIMUM INSTALLED DEPTH IS 15' | M734844 | EA | 15 | S&S M-60
12 | STEEL PLATE | N/A | EA | 1 EA | 
13 | WIRE ELECTRICAL, INSULATED, COPPER, 10 AWG, 600 V, 47MIL PVC, SOLID 1 CONDUCTOR, BLACK | M210993 | FT | 50 | CCV-0-10
14 | SLEEVE, COPPER SPICING, #4 TO #10 CADWELD # CAB-335-1/4, THERMOWELD # A-200 | M301759 | EA | 2 | CCV-0-10
15 | CABLE, BRAZING, CADWELD # CA-15, THERMOWELD # 15P | M394160 | EA | 1 | CCV-0-10
16 | TAP, HANDY CAP, 6"X1/2", ROYSTON W/ INTEGRATED PRIMER | M210993 | FT | 50 | CCV-0-10
17 | STATION, TEST, CATHODIC PROTECTION, COTT #1500G-300, ORANGE, BIG FINK, 5 TERMINALS, WITHOUT CONDENSER | M506950 | EA | 1 | CCV-0-10.1
18 | PIPE, PVC, 3" IPS, 0.300" WT, SCH 80 | M016715 | FT | 1 | 0
19 | VALVE BOX, EXTENSION, PLASTIC, 8" IPS, BRANCHOFF SUPPLY # 885, BLACK ABS, COATED, 10 FT LENGTH | M189065 | EA | 5 | S&S X-41
20 | RING, GRACE, CAST IRON, 1/2" HDG, CHRYSTY #005-2333 | M453276 | EA | 15 | S&S X-41
21 | COVER, VALVE, CAST IRON, YELLOW, CHRYSTY #1516, FULL TRAFFIC, 11-1/8", TRAFFIC YELLOW WITH EPOXY CLEAR COAT, MARKED "PG&E GAS" | M446213 | EA | 5 | S&S X-41
22 | GASKET, PYROX, ANSI CLASS 600, 10", NITRILE SEALING ELEMENT, RING GASKET | M436654 | EA | 4 | S&S B-45.1
23 | FLANGE, BLIND, 10", ANSI CLASSES 600, FORGED STEEL, 1/2" RAISED FACE, TAP FOR 1/2" NPT | M290899 | EA | 2 | S&S B-43.2
25 | ELBOW, SOCKET WELD, VOGT # SW-2000 OR EQUAL, FORGED STEEL, 3/4" 45 DEGREE, 3000 PSI | M228267 | EA | 12 | S&S B-21
26 | FLANGE, 1/2", HEX HEAD, VOGT # 8538 OR EQUAL, THREADED, FORGED STEEL, 6000 PSI | M211249 | EA | 8 | S&S B-10.1