



## GENERAL SERVICES DEPARTMENT

### MEMORANDUM

**Date:** April 17, 2015

**To:** Honorable Janet Wolf, Chair and Members of the Board of Supervisors  
Clerk of the Board

**From:** Matthew P. Pontes  
General Services Director

**Subject:** Application for a Private Franchise Agreement for ERG Operating Company, LLC

**Cc:** Mona Miyasato, CEO  
Renée Bahl, Assistant CEO  
Mike Ghizzoni, County Counsel  
Scott McGolpin, Public Works Department Director  
Kevin Drude, P&D  
Don Grady, General Services Real Property Manager

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Please find attached the Application for a Private Pipeline Franchise Agreement submitted by ERG Operating Company, LLC. This application is being submitted in accordance with Santa Barbara County Code Section 2-82.1, *Private Franchises*. The item is scheduled for the April 21, 2015 Administrative Agenda to set the **Departmental Hearing for May 12, 2015**, for the Board to consider adoption of a Resolution Granting a Private Pipeline Franchise to ERG.

A memorandum detailing the terms and conditions of the Franchise Agreement, and addressing issues and concerns previously raised will be transmitted to the Board prior to the Hearing. Staff from General Services, Public Works, Planning and Development, and County Counsel will be at the Hearing to present this item, and answer any questions or concerns.

If you have any questions or would like additional information prior to the scheduled Board action of April 21, 2015, setting the hearing for May 12, 2015, please contact Don Grady, Real Property Manager, at 568-3065, or by email at [dgrady@co.santa-barbara.ca.us](mailto:dgrady@co.santa-barbara.ca.us).



January 20, 2015

Don Grady  
County of Santa Barbara - Real Property Division  
1105 Santa Barbara Street  
Santa Barbara, CA 93101

**Subject: Application for New Private Pipeline Franchise Agreement**

To Mr. Grady:

ERG Operating Company, LLC hereby requests the approval of a Private Franchise agreement which would allow for the operation and maintenance of a network of private pipelines which are used for the transportation of hydrocarbon substances within certain public streets in the unincorporated area of the County of Santa Barbara as shown in Attachments B and C.

**APPLICANT'S NAME AND ADDRESS:**

ERG Operating Company, LLC  
Attn: Phil Sorbet  
6085 Cat Canyon Road  
Santa Maria, CA 93454

**NATURE OF APPLICANT'S BUSINESS:**

Production and distribution of petroleum and petroleum related products.

**TYPE OF APPLICATION APPLIED FOR:**

Private Pipeline Franchise Agreement (Franchise)

**OFFER OF FRANCHISE FEE AND METHOD OF CALCULATION:**

Annual Franchise fees shall be calculated based on the total lineal feet of County right-of-way occupied by Grantee's facilities or appurtenances maintained pursuant to this Franchise at a rate of three dollars (\$3.00) per lineal foot, except the idle produced water pipeline that was the subject of the original franchise granted to Texaco, Inc., in 1970, as Ordinance 2071. County recognizes that the pipeline has been sealed in appropriate locations to render it safe until it is returned to service or permanently abandoned pursuant to express authorization by the Board of Supervisors. Until such time as that produced water pipeline has been returned to service or abandoned pursuant to such authorization, Grantee shall pay annual franchise fees in the amount of TWO THOUSAND EIGHT HUNDRED NINETY-NINE DOLLARS AND THIRTY-SEVEN CENTS (\$2,899.37) for that idle produced water pipeline. In the event the produced water line is returned to service, Grantee shall pay the same rate for that pipeline as is applied to all other active lines. In the event the produced water line is abandoned or removed pursuant to express authorization by the Board of Supervisors, no annual fees shall apply to that line after confirmation by the County Planning and Development Department that the line has been abandoned or removed in accordance with any and all required permits. The annual Franchise fees shall be adjusted every five years according to the Consumer Price Index.

ERG OPERATING COMPANY, INC.

By:   
\_\_\_\_\_  
Phil Sorbet, President

**Attachments:**

Attachment A- History and Status of ERG Facilities

Attachment B- Map of Existing Pipeline Network

Attachment C- As-built Engineering for Existing Pipelines



**Attachment A**  
**History and Status of ERG Facilities**

## **History and Status of ERG Facilities**

### ***Facility Acquisition***

ERG Operating Company (ERG) acquired a majority of its landholdings in Santa Barbara County from Chevron in March of 2010. This primary acquisition involved approximately 7,000 acres of minerals and fee interest in the state designated Cat Canyon Oilfield. All facilities located on the former Chevron properties were idle at the time of acquisition. Subsequently ERG has accumulated additional facilities throughout Cat Canyon and the Casmalia oilfields. ERG had been in negotiations with Goldleaf Jewelry Company over the past twelve (12) months, during which the initiation of a capital partnership or sale of ERG's resources was considered. However, those negotiations have since been concluded without any investment of funds by Goldleaf into ERG's operations or assets.

### ***Facility Reactivation***

Since the first acquisition in 2010, ERG has reactivated and restored several facilities throughout the Cat Canyon and Casmalia oilfields. Prior to resuming the use of any idle facility all tanks, pipelines, vessels, etc. were tested, repaired, and/or replaced in accordance with the regulations set forth by the Division of Oil, Gas, and Geothermal Resources regulations, Santa Barbara County Petroleum Ordinance, and American Petroleum Institute Standards (including API 570 and 1104).

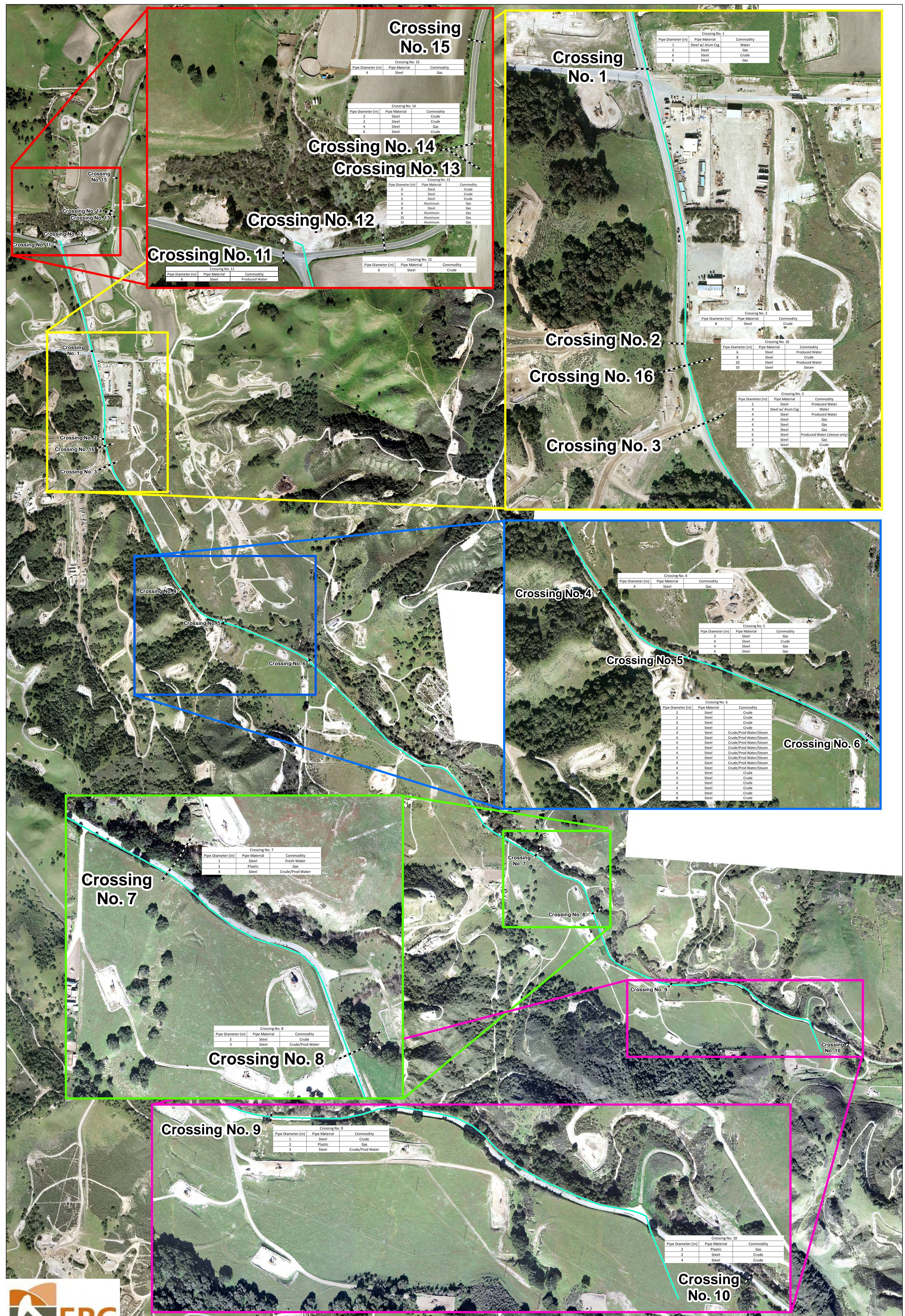
### ***Prior Franchise Agreement***

At the time of the initial ERG acquisition of Chevron facilities, the County and Chevron had one existing Private Franchise Agreement in place regarding an existing, idle wastewater pipeline which ran roughly parallel to Cat Canyon Road for a distance of 15,396 linear feet. The Franchise Agreement was set to expire in 2011. At that time, ERG applied for both a renewal and transfer of ownership for the existing Franchise Agreement. At its public hearing on November 1, 2011, the Board of Supervisors (Board) heard the request for the Franchise Agreement renewal and transfer of ownership. The Board rendered a decision to continue the item indefinitely and requested that ERG and County staff return with more detailed documentation regarding the extent and condition of pipelines located in the County right-of-way.

### ***Status of Facilities***

Subsequent to the Board hearing in 2011, ERG has field verified the location and condition of existing pipelines which are located within the County right-of-way (including the idle, wastewater pipeline which was associated with the previous Franchise Agreement). In accordance with the documentation provided in Attachments B and C of this memorandum, ERG currently operates sixty-seven (67) private pipelines which are in-part located within the County's right-of-way. These pipelines carry various fluids including emulsions, wastewater, crude oil, field gas, etc. All such pipelines are regularly inspected and maintained in accordance with all applicable regulations set forth by the Division of Oil, Gas, and Geothermal Resources regulations, Santa Barbara County Petroleum Ordinance, and American Petroleum Institute Standards (including API 570 and 1104). Specifically, ERG and its contractors also verified the location of the idle, wastewater pipeline. This historic pipeline was inspected, all remaining fluids were evacuated from the line, and it was sealed in appropriate locations to render the pipeline safe until such time as the pipeline is returned-to-service or permanently abandoned. These pipeline inspection activities were performed under the guidance and approval of the County's Petroleum Division personnel. All active pipelines have been included in the attached as-built engineering documentation. The County's Petroleum Division and Public Works staff have reviewed the as-built engineering documents and approved their inclusion in the Franchise Agreement application. Any field improvements requested by County staff, such as the placement of pipeline markers, have already been completed.

**Attachment B**  
**Map of Existing Pipeline Network**



**Crossing No. 15**

Pipe Diameter (in)	Pipe Material	Commodity
4	Steel	Gas

**Crossing No. 14**

Pipe Diameter (in)	Pipe Material	Commodity
2	Steel	Crude
2	Steel	Crude
4	Steel	Gas
6	Steel	Crude

**Crossing No. 13**

Pipe Diameter (in)	Pipe Material	Commodity
6	Steel	Crude
6	Steel	Crude
6	Steel	Crude
6	Aluminum	Gas
8	Steel	Gas
8	Aluminum	Gas
10	Aluminum	Gas
12	Aluminum	Gas

**Crossing No. 1**

Pipe Diameter (in)	Pipe Material	Commodity
1	Steel w/ Alum Cig	Water
2	Steel	Gas
6	Steel	Crude
6	Steel	Gas

**Crossing No. 2**

Pipe Diameter (in)	Pipe Material	Commodity
8	Steel	Crude

**Crossing No. 16**

Pipe Diameter (in)	Pipe Material	Commodity
6	Steel	Produced Water
8	Steel	Crude
10	Steel	Produced Water
10	Steel	Steam

**Crossing No. 3**

Pipe Diameter (in)	Pipe Material	Commodity
2	Steel	Produced Water
4	Steel w/ Alum Cig	Water
4	Steel	Produced Water
4	Steel	Gas
4	Steel	Gas
4	Steel	Gas
6	Steel	Produced Water (sleeve only)
6	Steel	Produced Water
8	Steel	Crude

**Crossing No. 4**

Pipe Diameter (in)	Pipe Material	Commodity
4	Steel	Gas

**Crossing No. 5**

Pipe Diameter (in)	Pipe Material	Commodity
3	Steel	Gas
4	Steel	Crude
4	Steel	Gas
4	Steel	Gas

**Crossing No. 6**

Pipe Diameter (in)	Pipe Material	Commodity
2	Steel	Crude
2	Steel	Crude
2	Steel	Crude
2	Steel	Crude
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude/Prod Water/Steam
4	Steel	Crude
4	Steel	Crude
4	Steel	Crude
4	Steel	Crude
8	Steel	Crude

**Crossing No. 7**

Pipe Diameter (in)	Pipe Material	Commodity
1	Steel	Fresh Water
2	Plastic	Gas
4	Steel	Crude/Prod Water

**Crossing No. 8**

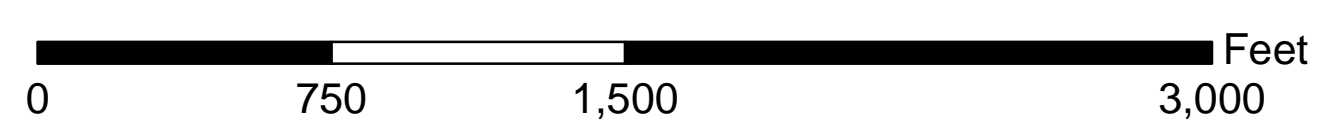
Pipe Diameter (in)	Pipe Material	Commodity
2	Steel	Crude
3	Steel	Crude/Prod Water

**Crossing No. 9**

Pipe Diameter (in)	Pipe Material	Commodity
1	Steel	Crude
2	Plastic	Gas
3	Steel	Crude/Prod Water

**Crossing No. 10**

Pipe Diameter (in)	Pipe Material	Commodity
2	Plastic	Gas
2	Steel	Crude
4	Steel	Crude



--- Road Crossing    — Waste Water Line



**ERG Intra-Facility Pipelines**

**Attachment C**  
**As-built Engineering for Existing Pipelines**



# WASTE WATER LINE – ASBUILT PLAN – CAT CANYON ROAD PORTION OF SEC. 24 & 25, T.9N., R.33W. AND SEC. 30–32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA

## SCOPE OF WORK

LOCATION OF EXISTING WASTEWATER PIPELINE ALONG CAT CANYON ROAD, WITHIN COUNTY RIGHT-OF-WAY.  
SITE ADDRESS: CAT CANYON ROAD, SANTA MARIA, CA

## BENCH MARK

THE TOP OF THE 3" DIAMETER BRASS CAP MARKED "SANTA BARBARA CO. SURVEY MON.", AT THE INTERSECTION OF CLARK AVENUE AND DOMINION ROAD DESIGNATED AS STATION No. 1132 ON RECORD OF SURVEY, BOOK 147, PAGES 57–61, WAS USED AS THE BENCH MARK HEREON.  
ELEVATION = 634.57' (NAVD 88)

## BASIS OF BEARINGS

THE GRID BEARING OF 501°44'42"W BETWEEN SANTA BARBARA COUNTY SURVEY MONUMENT STATION NO.'S 1131 AND 1132 AS SHOWN ON RECORD OF SURVEY, BOOK 147, PAGES 57–61, WAS USED AS THE BASIS OF BEARINGS HEREON.

ALL COORDINATES SHOWN HEREON ARE BASED ON CALIFORNIA COORDINATE SYSTEM OF 1983 (CCS83) ZONE 5 AS DETERMINED BY GPS OBSERVATIONS.

ALL DISTANCES AND DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.

## RIGHT-OF-WAY NOTE

THE RECORD DEEDS FOR A PORTION OF CAT CANYON ROAD AND A PORTION OF PALMER ROAD CREATED A 50 FOOT RIGHT-OF-WAY EASEMENT FOR ROAD PURPOSES AND WAS ACCEPTED BY THE COUNTY OF SANTA BARBARA. THE COUNTY OF SANTA BARBARA CURRENTLY MAINTAINS CAT CANYON ROAD AND PALMER ROAD. THE EXACT LOCATION OF SAID RIGHT-OF-WAY IS NOT ASCERTAINABLE FROM THE RECORD DESCRIPTIONS. THE CENTERLINE OF CAT CANYON ROAD AND PALMER ROAD AS IT EXISTED IN OCTOBER OF 2012 WAS HELD AS THE CENTERLINE OF SAID 50 FOOT WIDE RIGHT-OF-WAY AND SAID AS-BUILT SURVEY IS SHOWN HEREON.

## UNDERGROUND UTILITY STATEMENT

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THIS MAP.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING.

ENGINEER SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ANY SUCH INFORMATION OR DATA.

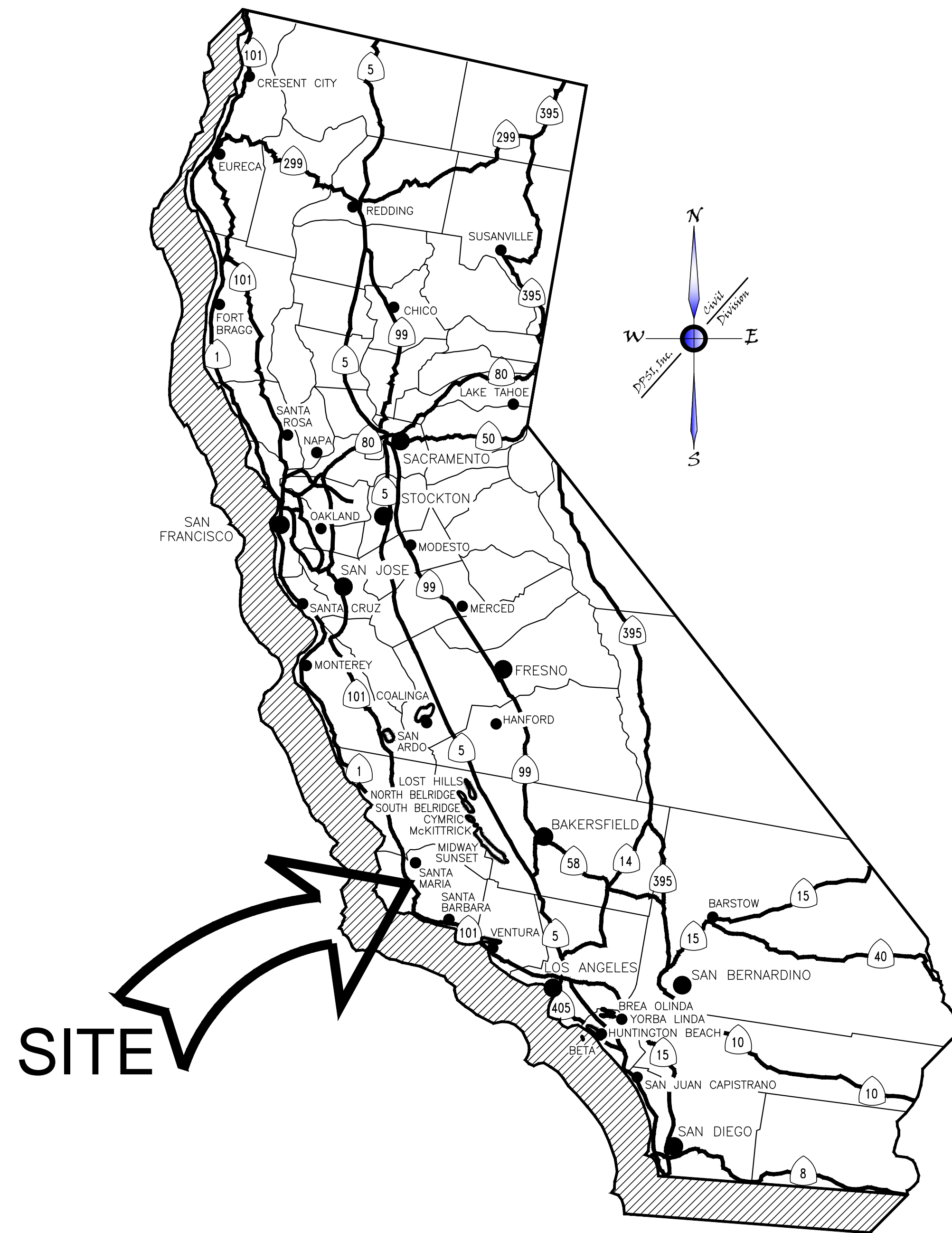
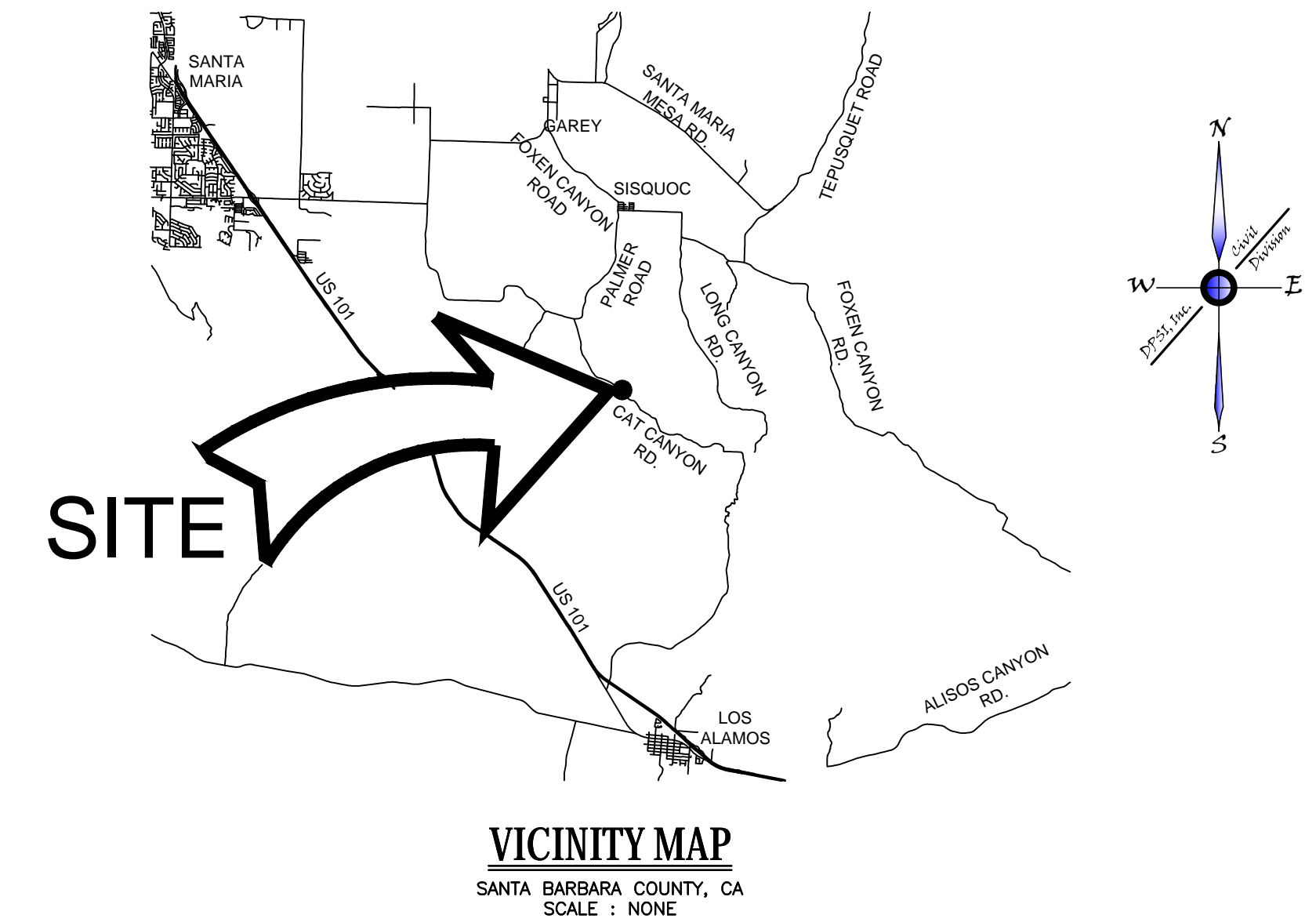
UNDERGROUND SERVICE ALERT SHALL BE CONTACTED TWO WORKING DAYS PRIOR TO CONSTRUCTION BY CALLING 811.

## SITE INFORMATION

LOCATION:  
APN – SEE SHEET 2

CIVIL ENGINEER:  
DIVERSIFIED PROJECT SERVICES INTERNATIONAL  
545 HIGUERA STREET  
SAN LUIS OBISPO, CA 93401  
(805) 250-2891

LAND SURVEYOR:  
DIVERSIFIED PROJECT SERVICES INTERNATIONAL  
545 HIGUERA STREET  
SAN LUIS OBISPO, CA 93401  
(805) 250-2891



CALIFORNIA AREA MAP  
SCALE : NONE

SHEET INDEX		
SHEET NO.	REV.	DESCRIPTION
1	3	TITLE SHEET & SHEET INDEX
2	3	KEY MAP & SHEET INDEX
3	3	PLAN & PROFILE – (STA. 1000+00 – 1029+00)
4	3	PLAN & PROFILE – (STA. 1029+00 – 1061+00)
5	3	PLAN & PROFILE – (STA. 1061+00 – 1093+00)
6	3	PLAN & PROFILE – (STA. 1093+00 – 1135+00)
7	3	PLAN & PROFILE – (STA. 1135+00 – 1156+00)
8	3	PLAN – (STA. 1156+00 – 1167+89) & PALMER ROAD
9	3	CROSSING DETAILS– (CROSSING NO. 1 – 3) CAT CANYON RD
10	3	CROSSING DETAILS– (CROSSING NO. 4 – 6) CAT CANYON RD
11	3	CROSSING DETAILS– (CROSSING NO. 7 – 10) CAT CANYON RD
12	3	CROSSING DETAILS– (CROSSING NO. 11 – 13) PALMER RD.
13	3	CROSSING DETAILS– (CROSSING NO. 14 – 15) PALMER RD.
14	3	CROSSING DETAILS– (CROSSING NO. 16) CAT CANYON RD.

## DECLARATION OF RESPONSIBLE CHARGE

I HEREBY DECLARE THAT I AM THE ENGINEER OF RECORD FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE PROJECT AS DEFINED IN SECTION 6703 OF THE BUSINESS AND PROFESSIONS CODE. THESE PLANS AND SPECIFICATIONS, TO THE BEST OF MY KNOWLEDGE, COMPLY WITH CURRENT STANDARDS.

ANY ERRORS, OMISSIONS, OR OTHER VIOLATIONS OF THOSE ORDINANCES, STANDARDS OR DESIGN CRITERIA ENCOUNTERED DURING CONSTRUCTION SHALL BE CORRECTED AND SUCH CORRECTIONS REFLECTED ON CORRECTED PLANS SUBMITTED TO THE COUNTY OF SANTA BARBARA.

L. ALBERTO LOPEZ, R.C.E. 67602 DATE



## SURVEYOR'S STATEMENT

I HEREBY STATE THAT THIS MAP CORRECTLY REPRESENTS A SURVEY MADE BY ME OR UNDER MY DIRECTION UNDER THE PROVISIONS OF SECTION 8726 OF THE PROFESSIONAL LAND SURVEYORS ACT AT THE REQUEST OF ERG RESOURCES, LLC IN OCTOBER OF 2012.

DALE H. WILHELM, L.S. 6423 DATE



GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	

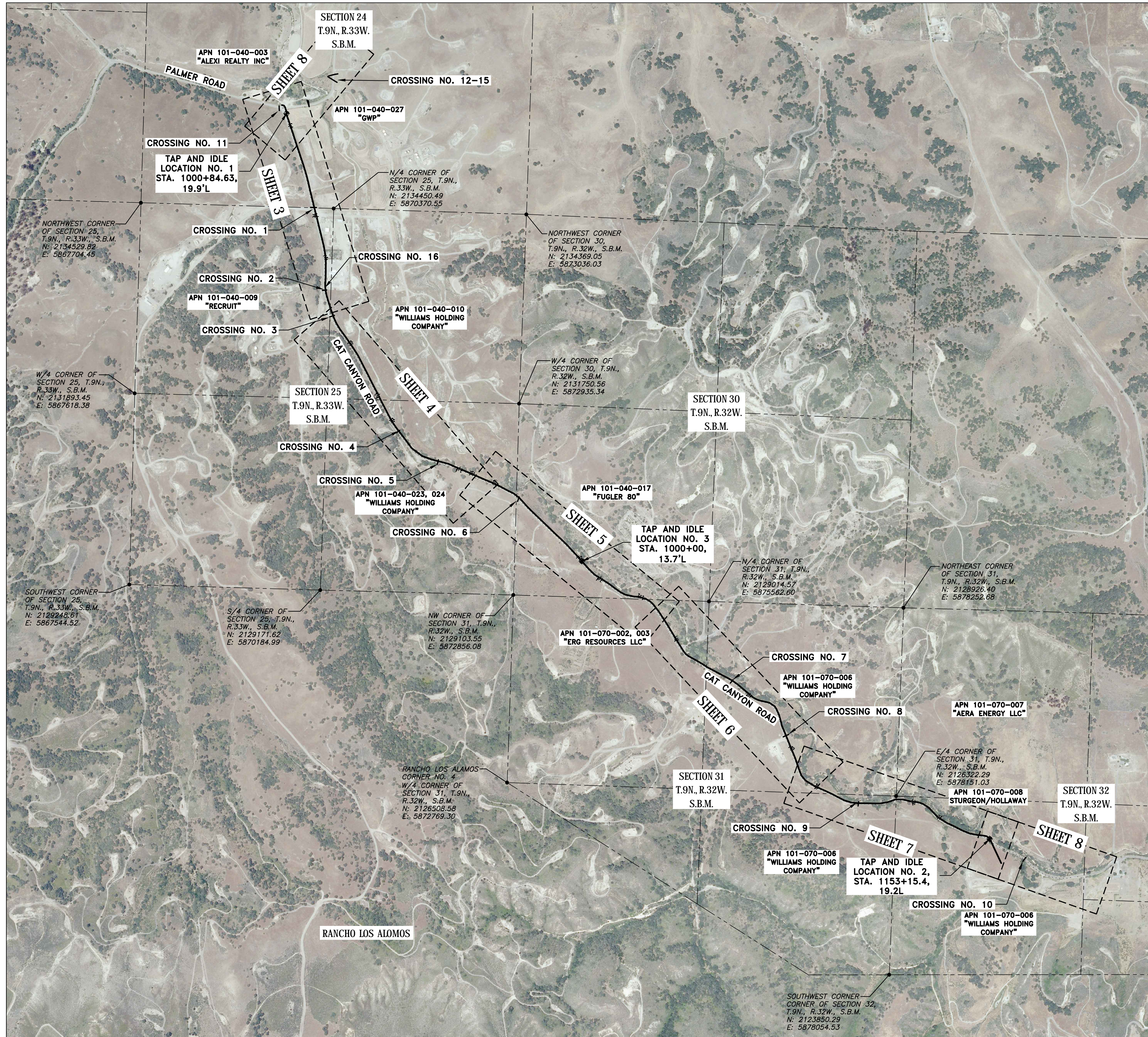


**DPSI**  
DIVERSIFIED PROJECT SERVICES INTERNATIONAL  
San Luis Obispo, CA  
(805) 250-2891  
www.dpsiinc.com  
PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT – REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT – ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE – ASBUILT PLAN – CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30–32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: NONE
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 1 OF 14
COMPILED BY: GLEN CANTERBERRY	REV. 4
DOCUMENT TYPE: TOPO SURVEY	CAD FILE NO. G120828EX0

# KEY MAP & SHEET INDEX



## ABBREVIATIONS

AC ASPHALT  
CL CENTERLINE  
DL DAYLIGHT  
EG EXISTING GROUND  
EP EDGE OF PAVEMENT  
EL ELEVATION  
NG NATURAL GRADE  
PC POINT OF CURVATURE  
POC POINT ON CURVE  
PT POINT OF TANGENCY  
RADIUS  
STA STATION  
TP TOP OF PIPE

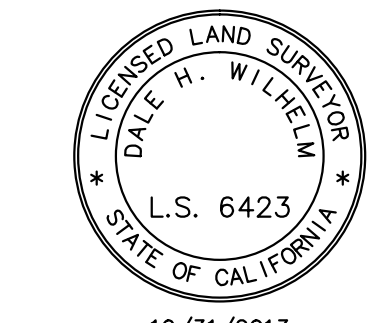
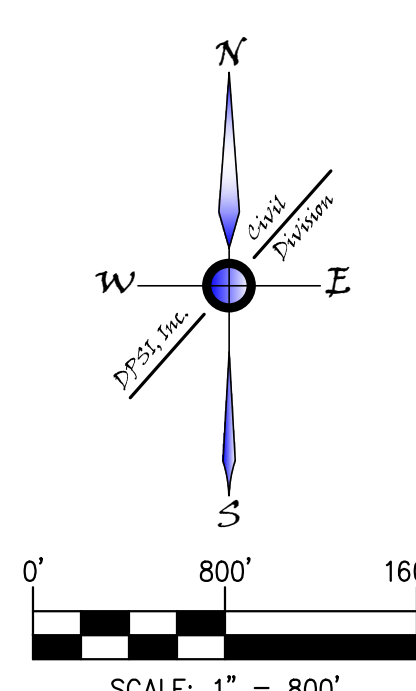
NOTE: ABBREVIATIONS SHOWN ABOVE MAY OR MAY NOT BE EVIDENT ON MAP.

## LEGEND

- ▲ FOUND MONUMENT AS DESCRIBED
- ◊ SET LOCAL CONTROL
- 800.00 SPOT ELEVATION
- POWER POLE
- ◉ FIRE HYDRANT
- ◻ UNDERGROUND MARKER
- ⊕ IRRIGATION CONTROL VALVE
- ⊙ WATER BLOWOFF STATION
- ⊕ WATER VALVE
- ← DOWN GUY
- ☼ LIGHT POLE
- ⊖ TRAFFIC SIGN
- ⊞ ELECTRICAL PANEL
- ⊞ UTILITY PULL BOX
- ⊞ WATER METER
- ⊞ MANHOLE
- ⊞ WELL HEAD (AS-BUILT)
- 100--- CONTOURS -- MAJOR
- CONTOURS -- MINOR
- GRADE BREAK
- COMMUNICATION LINES
- OVER HEAD POWER
- CHAINLINK FENCE
- GUARD RAIL
- WOOD FENCE
- PIPELINE (SIZE AS NOTED)
- PIPELINE UNDERGROUND (SIZE AS NOTED)

## PIPE CROSSING INFORMATION

Crossing No.	Road Name	Pipe ID	Stationing	Pipe Diameter (in)	Pipe Material	Commodity	Length (ft)	Minimum Cover Depth (ft)	Permit?	Permit No.	Operating Status (Active/Idle)	Operating Pressure (psi)		
1	Cat Canyon	Cat Cym-1443-1	1443-3	6	Steel	Crude	51.94	36	Y	101-040-027	Active	100-125		
1	Cat Canyon	Cat Cym-1443-2	1443-3	6	Steel	CVR	51.94	36	Y	101-040-027	Active	0-10		
1	Cat Canyon	Cat Cym-1443-3	1443-2	6	Steel	Gas	51.94	36	Y	101-040-027	Active	>60		
1	Cat Canyon	Cat Cym-1443-4	1443-1	1	Steel w/ Alum Ctg	Water	51.94	36	Y	101-040-027	Active	20		
2	Cat Canyon	Cat Cym-2962-1	2962	4	Steel	Crude	50	30	Y	101-040-010	Active	100-125		
3	Cat Canyon	Cat Cym-2962-1	2962-2	4	Steel w/ Alum Ctg	Water	50	36	Y	101-040-010	Active	20		
3	Cat Canyon	Cat Cym-2962-2	2962-2	4	Steel	Soft Water	50	36	Y	101-040-010	Active	250		
3	Cat Canyon	Cat Cym-2962-3	2962-4	4	Steel	Utility Gas	50	36	Y	101-040-010	Active	>60		
3	Cat Canyon	Cat Cym-2962-4	2962-6	6	Steel	Hard Water (leave only)	50	36	Y	101-040-010	Active	0		
3	Cat Canyon	Cat Cym-2962-5	2962-6	6	Steel	Natural Gas	50	36	Y	101-040-010	Active	>60		
3	Cat Canyon	Cat Cym-2962-6	2962-2	2	Steel	Hard Water	50	36	Y	101-040-010	Active	250		
3	Cat Canyon	Cat Cym-2962-7	2962-2	8	Steel	Crude	50	36	Y	101-040-010	Active	100-125		
3	Cat Canyon	Other Operator (not ERG)	2962-4	4	Steel	Gas	50	36	Y	101-040-010	Active	N/A		
3	Cat Canyon	Other Operator (not ERG)	2962-4	4	Steel	Gas	50	36	Y	101-040-010	Active	N/A		
4	Cat Canyon	Cat Cym-4420-1	4420-3	4	Steel	Fuel Gas	49.75	36	Y	101-040-023, 024	Active	>60		
5	Cat Canyon	Cat Cym-5538-1	5538	3	Steel	Crude	50	36	Y	101-040-023	Active	>60		
5	Cat Canyon	Cat Cym-5538-2	5538	4	Steel	Crude	50	36	Y	101-040-023	Active	100-125		
5	Cat Canyon	Cat Cym-5538-3	5538	4	Steel	CVR	50	36	Y	101-040-023	Active	0-10		
5	Cat Canyon	Cat Cym-5538-4	5538	4	Steel	Crude	50	36	Y	101-040-023	Active	100-125		
6	Cat Canyon	Cat Cym-6764-1	6764	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-2	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-3	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-4	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-5	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-6	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-7	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-8	6764-4	4	Steel	Crude/Prod Water/Steam	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-9	6764-4	8	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-10	6764-4	2	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-11	6764-4	2	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-12	6764-4	2	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-13	6764-4	2	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-14	6764-4	4	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-15	6764-4	4	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-16	6764-4	4	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-17	6764-4	4	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
6	Cat Canyon	Cat Cym-6764-18	6764-4	4	Steel	Crude	50.26	36	Y	101-040-017	Active	100-125		
7	Cat Canyon	Cat Cym-10745-1	10745	4	Steel	Crude/Prod Water	50.29	36	Y	101-070-006	Active	100-125		
7	Cat Canyon	Cat Cym-10745-2	10745	2	Plastic	Natural Gas	50.29	36	Y	101-070-006	Active	>60		
7	Cat Canyon	Cat Cym-10745-3	10745	1	Steel	Fresh Water	50.29	36	Y	101-070-006	Active	20		
8	Cat Canyon	Cat Cym-11866-1	11866	3	Steel	Crude/Prod Water	50.02	N/A	Y	101-070-006	Pre-date 1965	Vested	N/A	
8	Cat Canyon	Cat Cym-11866-2	11866	2	Steel	Crude	50.02	N/A	Y	101-070-006	Pre-date 1965	Vested	N/A	
9	Cat Canyon	Cat Cym-13332-1	13332	3	Steel	Crude/Prod Water	50.31	N/A	Y	101-070-006	Pre-date 1965	Vested	N/A	
9	Cat Canyon	Cat Cym-13332-2	13332	2	Plastic	Natural Gas	50.31	N/A	Y	101-070-006	Pre-date 1965	Vested	N/A	
9	Cat Canyon	Cat Cym-13332-3	13332	1	Steel	Light Crude	50.31	N/A	Y	101-070-006	Pre-date 1965	Vested	N/A	
10	Cat Canyon	Cat Cym-15883-1	15883	4	Steel	Crude/Prod Water	59.95	36	Y	101-070-006	3/23/1965	Y	937	
10	Cat Canyon	Cat Cym-15883-2	15883	2	Plastic	Natural Gas	59.95	36	Y	101-070-006	3/23/1965	Y	>60	
10	Cat Canyon	Cat Cym-15883-3	15883	2	Steel	Light Crude	59.95	36	Y	101-070-006	3/23/1965	Y	937	
11	Palmer	Other Operator (not ERG)	05-3	6	Steel	Water	62.83	30	Y	101-040-027	Active	N/A		
12	Palmer	Palmer-902-1	902	6	Steel	Crude	53.33	30	Y	101-040-027	Active	100-125		
13	Palmer	Palmer-911-1	911	6	Steel	Sales (empty)	53.33	30	Y	101-040-027	Active	0		
13	Palmer	Palmer-911-2	911	8	Steel	CVR	53.33	30	Y	101-040-027	Active	0-10		
13	Palmer	Palmer-911-3	911	6	Steel	Crude	53.33	30	Y	101-040-027	Active	100-125		
13	Palmer	Palmer-911-4	911	6	Steel	Crude	53.33	30	Y	101-040-027	Active	100-125		
13	Palmer	Palmer-911-5	911	12	Aluminum	Casing	53.33	30	Y	101-040-027	Active	0		
13	Palmer	Palmer-911-6	911	10	Aluminum	Casing	53.33	30	Y	101-040-027	Active	0		
13	Palmer	Palmer-911-7	911	8	Aluminum	Casing	53.33	30	Y	101-040-027	Active	0		
13	Palmer	Palmer-911-8	911	6	Aluminum	Casing	53.33	30	Y	101-040-027	Active	0		
14	Palmer	Palmer-992-1	992	6	Steel	Crude	55.26	36	Y	101-040-027	Active	100-125		
14	Palmer	Palmer-992-2	992	4	Steel	Vac. Gas	55.26	36	Y	101-040-027	Active	0-10		
14	Palmer	Palmer-992-3	992	2	Steel	Light Crude	55.26	36	Y	101-040-027	Active	0-15		
14	Palmer	Palmer-992-4	992	2	Steel	Light Crude	55.26	36	Y	101-040-027	Active	0-15		
15	Palmer	Palmer-3411-1	3411	4	Steel	Vac. Gas	51.1	30	Y	101-040-027	Active	0-10		
16	Cat Canyon	Cat Cym	1006994.37	10	Steel	Soft Water	99	36	Y	101-040-009/010	Active	200		
16	Cat Canyon	Cat Cym	1006994.37	8	Steel	Group Line	99	36	Y	101-040-009/010	Active	200		
16	Cat Canyon	Cat Cym	1006994.37	6	Steel	Kill Water	99	36	Y	101-040-009/010	Active	200		
16	Cat Canyon	Cat Cym	1006994.37	10	Steel	Steam	99	36	Y	101-040-009/010	Active	1200		
Multiple	Cat Canyon	Cat Cym Waste Water Line	1000400-1154+00	4	Steel	Waste Water Line	15408.8	40	multiple; along Cat Cym Rd.	3/25/1970	Y	FA 2011	Idle	0



GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
	REFERENCE DRAWINGS



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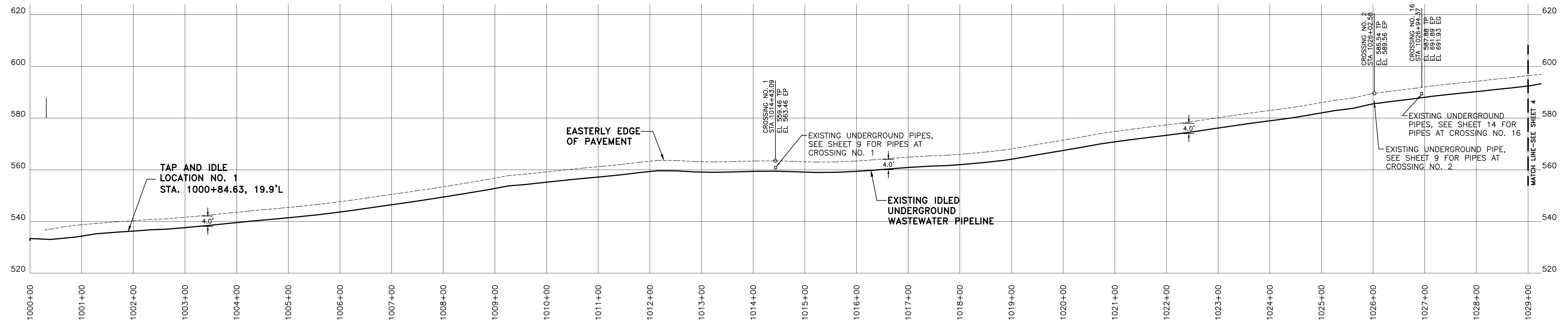
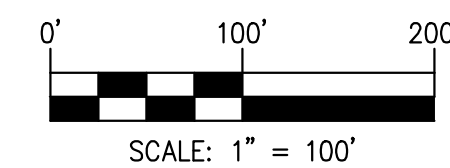
REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGJJ	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.32W., AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA			
ENGINEER:	ALBERTO LOPEZ	DATE:	11/14/2013
SURVEYOR:	DALE H. WILHELM	SCALE:	1" = 800'
PROJ. MGR:	ALBERTO LOPEZ	ORIGINAL DWG NO.	
COMPILED BY:	GLEN CANTERBERRY	NO.	2 OF 14
DOCUMENT TYPE:	TOPO SURVEY	CAD FILE NO.	G120828EX0
		REV.	4



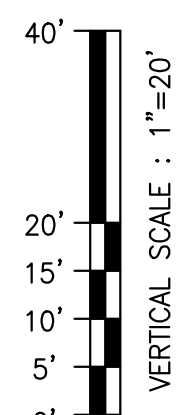
**PLAN VIEW - WASTEWATER LINE**

(STA. 1000+00 - 1029+00)  
HORIZONTAL SCALE: 1" = 100'



**PROFILE - WASTEWATER LINE**

(STA. 1000+00 - 1029+00)  
HORIZONTAL SCALE: 1" = 100'  
VERTICAL SCALE: 1" = 20'



**NOTES**

ALL DISTANCES AND DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.

ALL STATIONING SHOWN HEREON IS AS MEASURED ALONG THE CENTERLINE OF CAT CANYON ROAD AND A PORTION OF PALMER ROAD.



GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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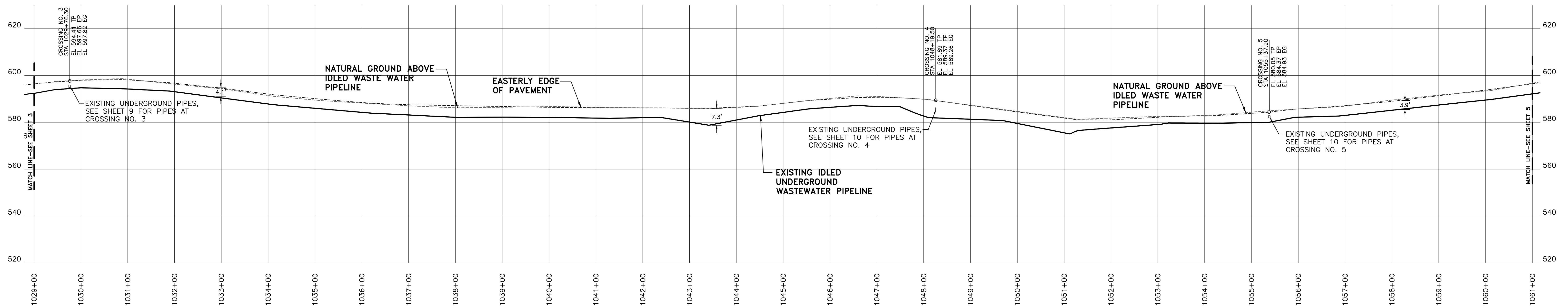
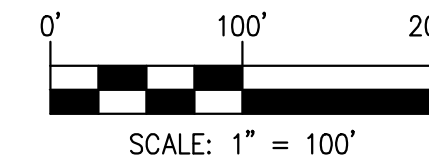
REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 3 OF 14
COMPILED BY: GLEN CANTERBERRY	CAD FILE NO. G120828EXO
DOCUMENT TYPE: TOPO SURVEY	REV. 4



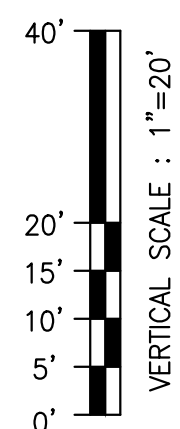
**PLAN VIEW - WASTEWATER LINE**

(STA. 1029+00 - 1061+00)  
HORIZONTAL SCALE: 1" = 100'



**PROFILE - WASTEWATER LINE**

(STA. 1029+00 - 1061+00)  
HORIZONTAL SCALE: 1" = 100'  
VERTICAL SCALE: 1" = 20'



**NOTES**

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GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828B0	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

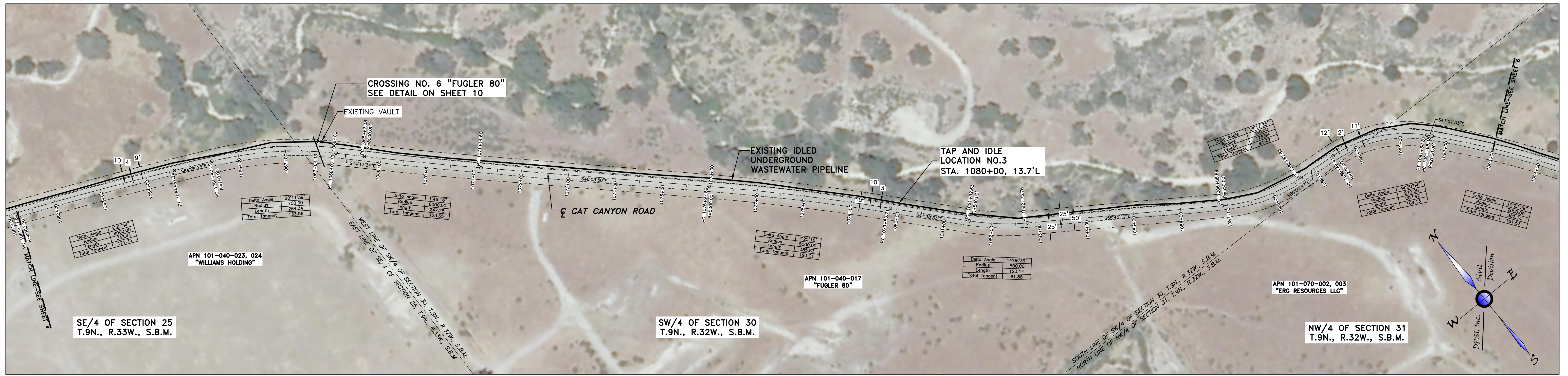
ENGINEER: ALBERTO LOPEZ  
SURVEYOR: DALE H. WILHELM  
PROJ. MGR: ALBERTO LOPEZ  
COMPILED BY: GLEN CANTERBERRY  
DOCUMENT TYPE: TOPO SURVEY

DATE: 11/14/2013  
ORIGINAL DWG NO.

NO. 4 OF 14  
CAD FILE NO. G120828EX0

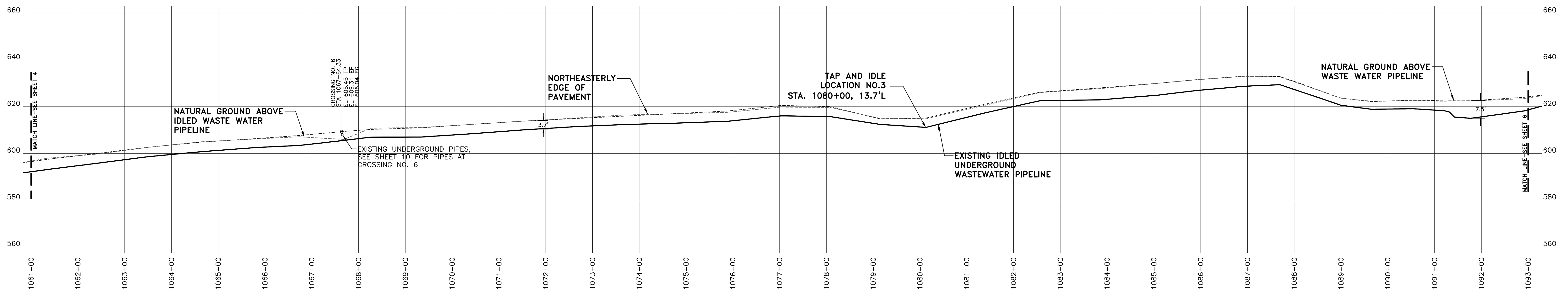
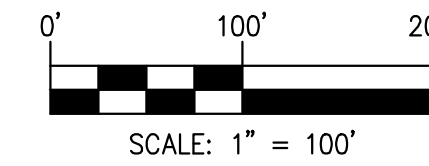
SCALE: 1" = 100'

REV. 4



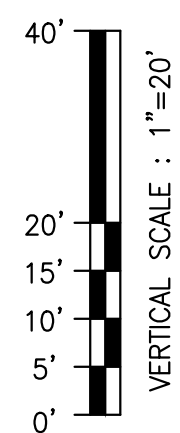
**PLAN VIEW - WASTEWATER LINE**

(STA. 1061+00 - 1093+00)  
HORIZONTAL SCALE: 1" = 100'



**PROFILE - WASTEWATER LINE**

(STA. 1061+00 - 1093+00)  
HORIZONTAL SCALE: 1" = 100'  
VERTICAL SCALE: 1" = 20'



**NOTES**

ALL DISTANCES AND DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.

ALL STATIONING SHOWN HEREON IS AS MEASURED ALONG THE CENTERLINE OF CAT CANYON ROAD.



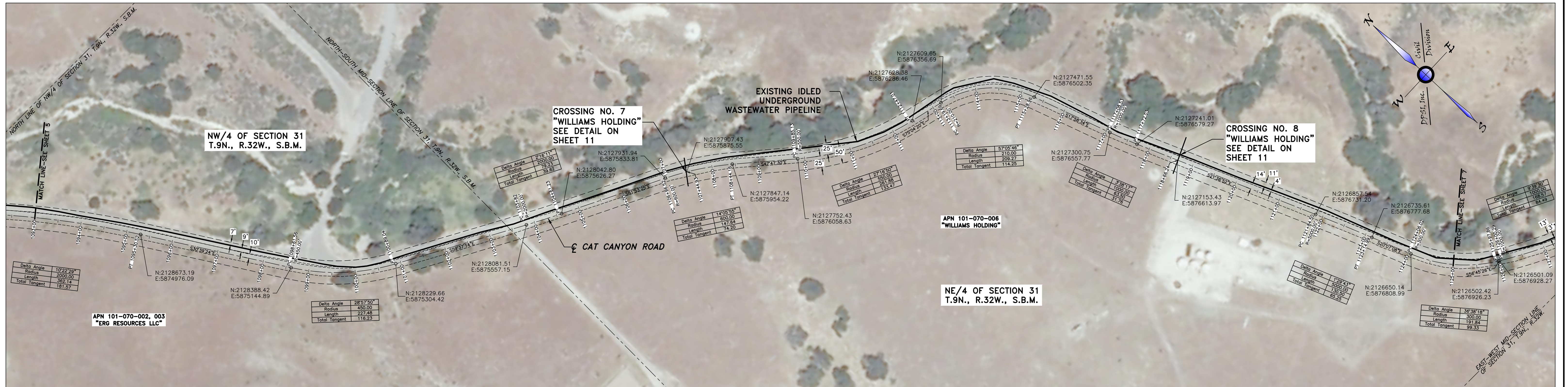
GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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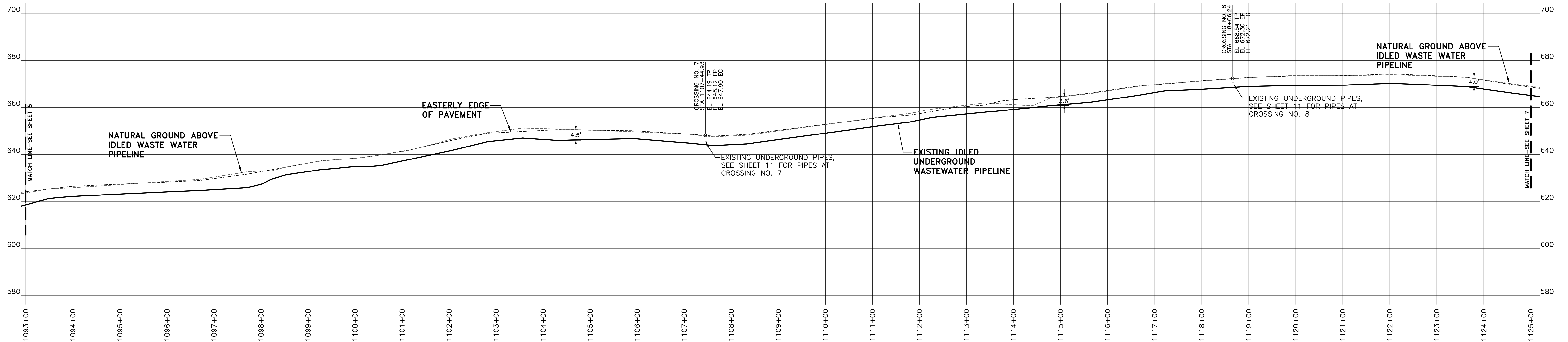
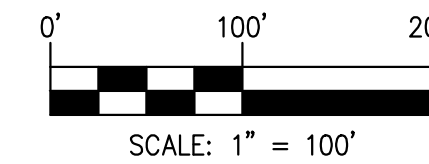
REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
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IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.32W., AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013   SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 5 OF 14
COMPILED BY: GLEN CANTERBERRY	CAD FILE NO. G120828EX0
DOCUMENT TYPE: TOPO SURVEY	REV. 4



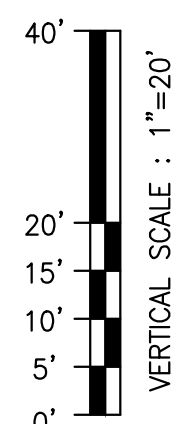
**PLAN VIEW - WASTEWATER LINE**

(STA. 1093+00 - 1125+00)  
HORIZONTAL SCALE: 1" = 100'



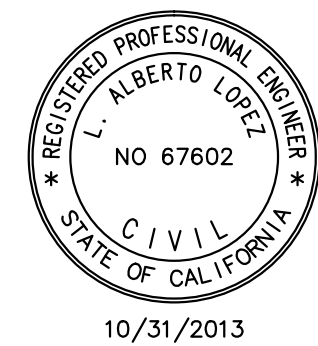
**PROFILE - WASTEWATER LINE**

(STA. 1093+00 - 1125+00)  
HORIZONTAL SCALE: 1" = 100'  
VERTICAL SCALE: 1" = 20'



**NOTES**

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ALL STATIONING SHOWN HEREON IS AS MEASURED ALONG THE CENTERLINE OF CAT CANYON ROAD.



GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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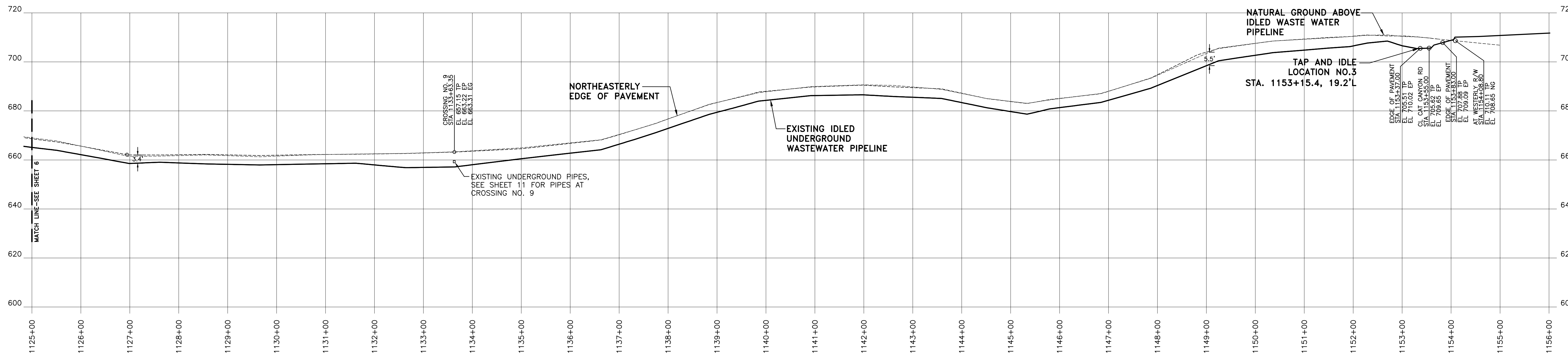
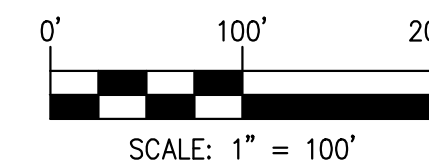
REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.32W., AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 6 OF 14
COMPILED BY: GLEN CANTERBERRY	CAD FILE NO. G120828EX0
DOCUMENT TYPE: TOPO SURVEY	REV. 4



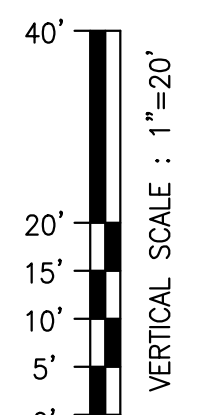
**PLAN VIEW - WASTEWATER LINE**

(STA. 1125+00 - 1156+00)  
HORIZONTAL SCALE: 1" = 100'



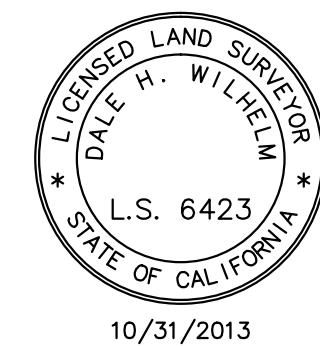
**PROFILE - WASTEWATER LINE**

(STA. 1125+00 - 1156+00)  
HORIZONTAL SCALE: 1" = 100'  
VERTICAL SCALE: 1" = 20'



**NOTES**

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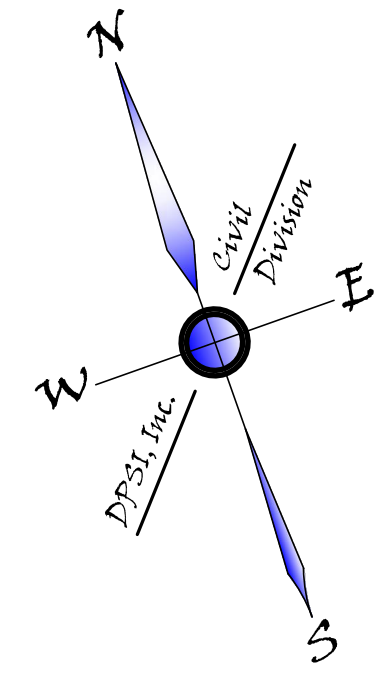
GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.32W., AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 7 OF 14
COMPILED BY: GLEN CANTERBERRY	REV. 4
DOCUMENT TYPE: TOPO SURVEY	CAD FILE NO. G120828EX0

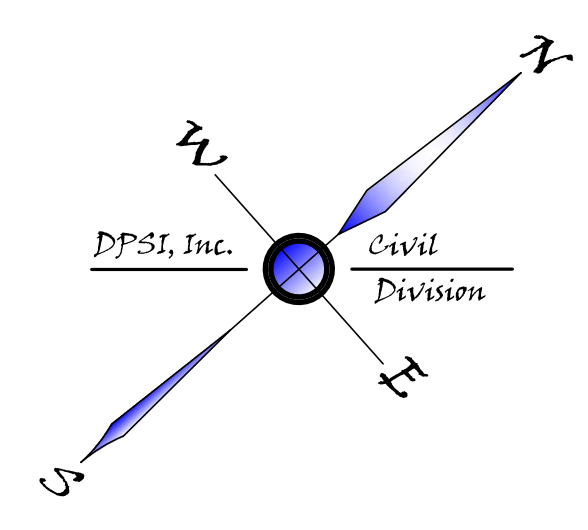
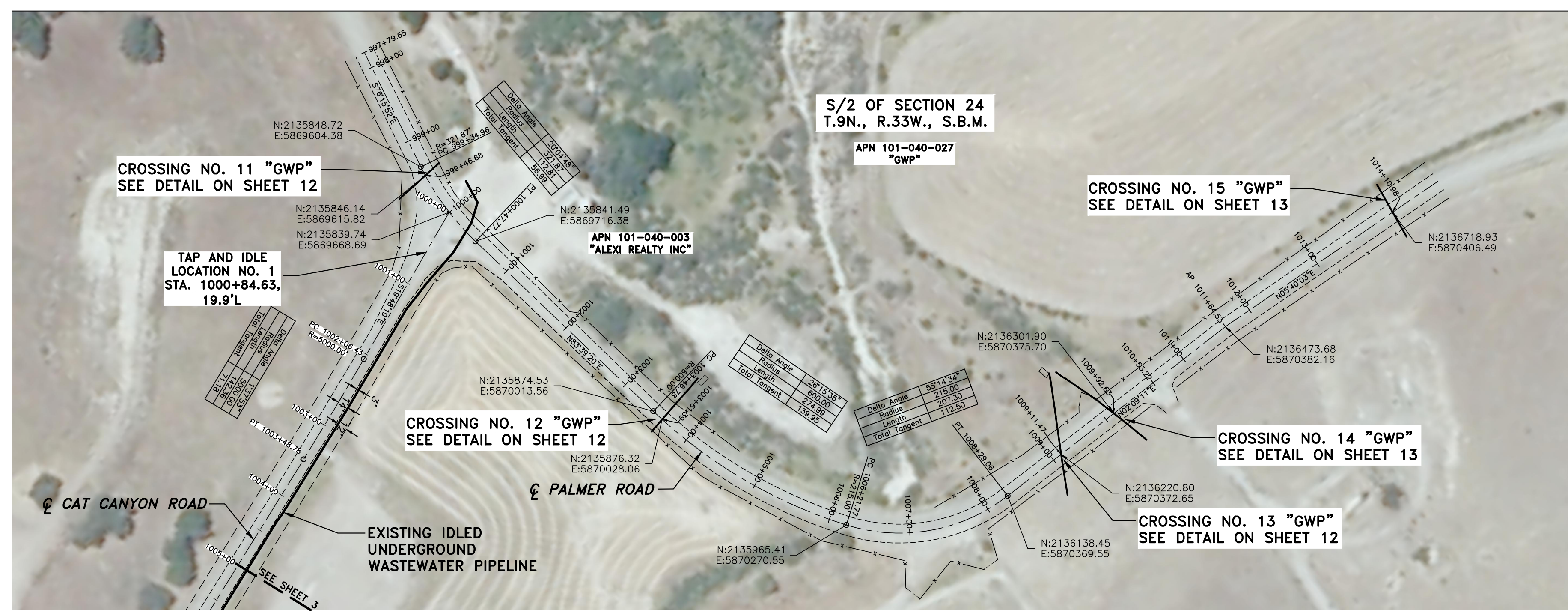


**NOTES**

ALL DISTANCES AND DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.  
ALL STATIONING SHOWN HEREON IS AS MEASURED ALONG THE CENTERLINE OF CAT CANYON ROAD.

**PLAN VIEW - WASTEWATER LINE**

(STA. 1156+00 - 1167+89.30)  
HORIZONTAL SCALE: 1" = 100'

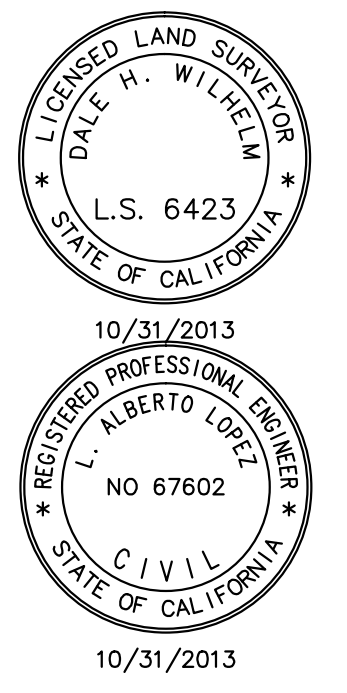
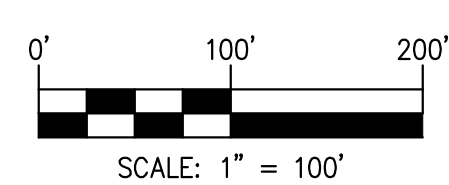


**NOTES**

ALL DISTANCES AND DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMALS THEREOF.  
ALL STATIONING SHOWN HEREON IS AS MEASURED ALONG THE CENTERLINE OF CAT CANYON ROAD AND PALMER ROAD.

**PLAN VIEW - PALMER ROAD**

(STA. 997+79 - 1014+11)  
HORIZONTAL SCALE: 1" = 100'



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REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 8 OF 14
COMPILED BY: GLEN CANTERBERRY	REV. 4
DOCUMENT TYPE: TOPO SURVEY	CAD FILE NO. G120828EX0

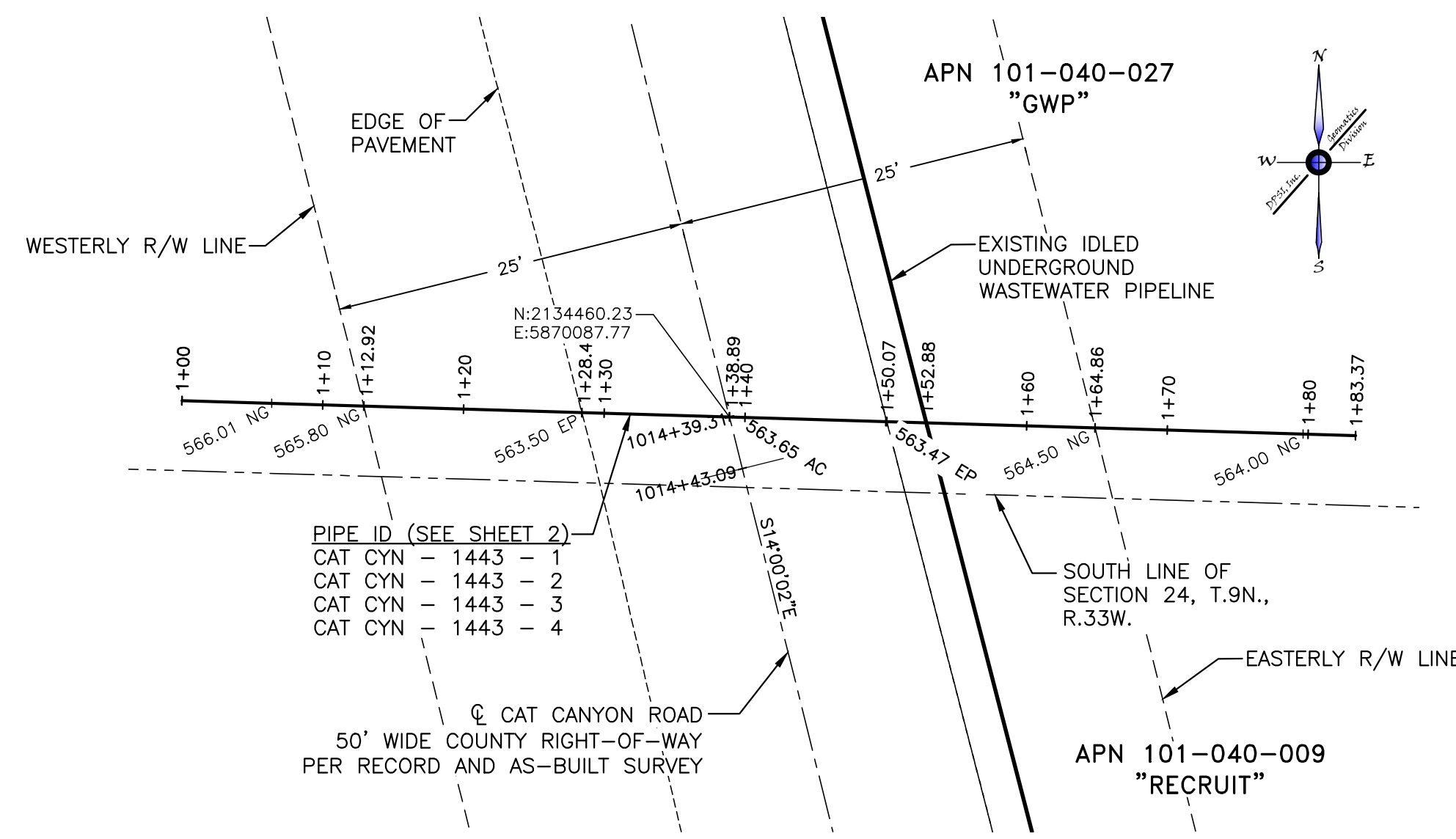
GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	

**ERG** ERG Resources, L.L.C.

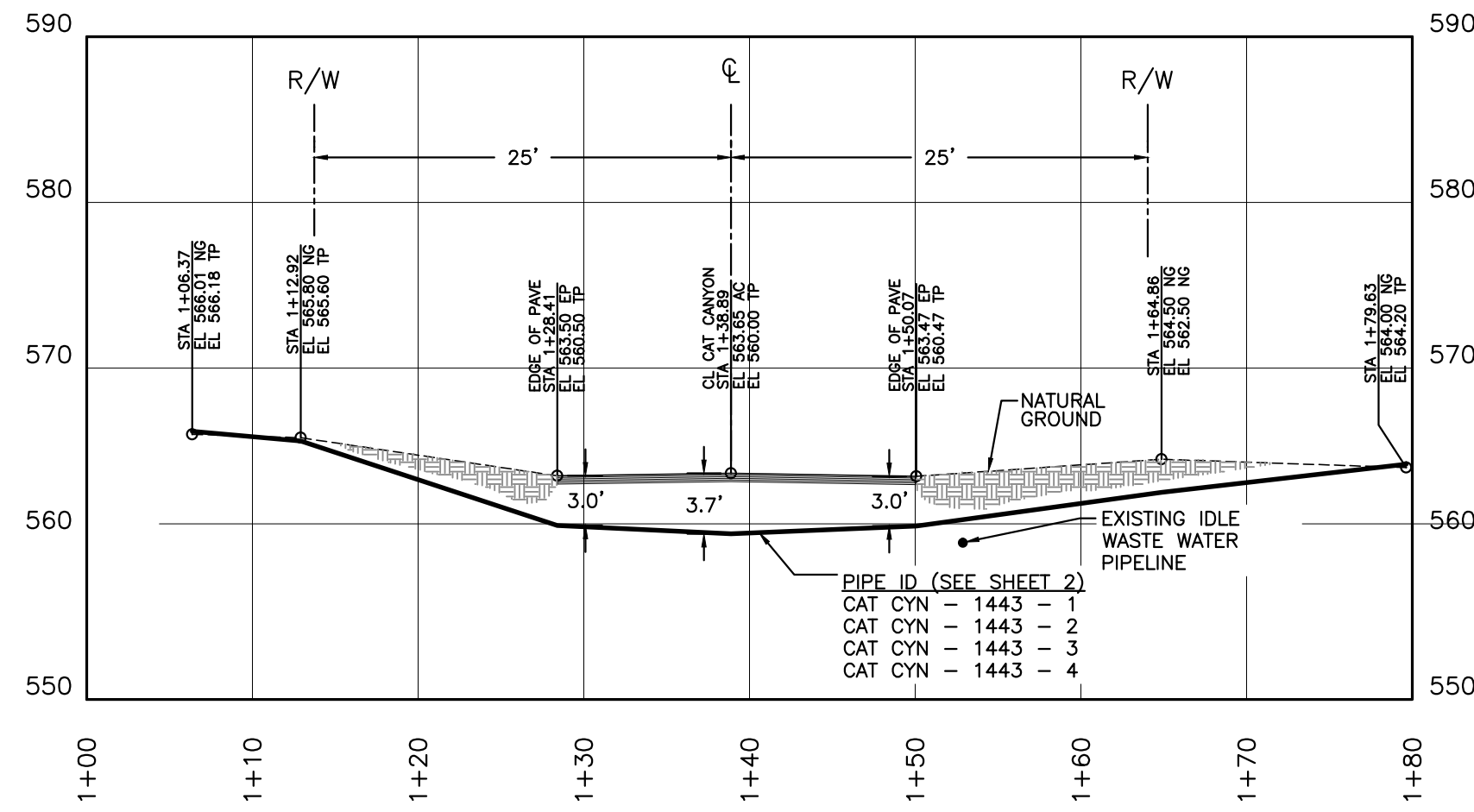


# CROSSING No. 1

APN 101-040-027  
"GWP"  
1 CASING VISIBLE



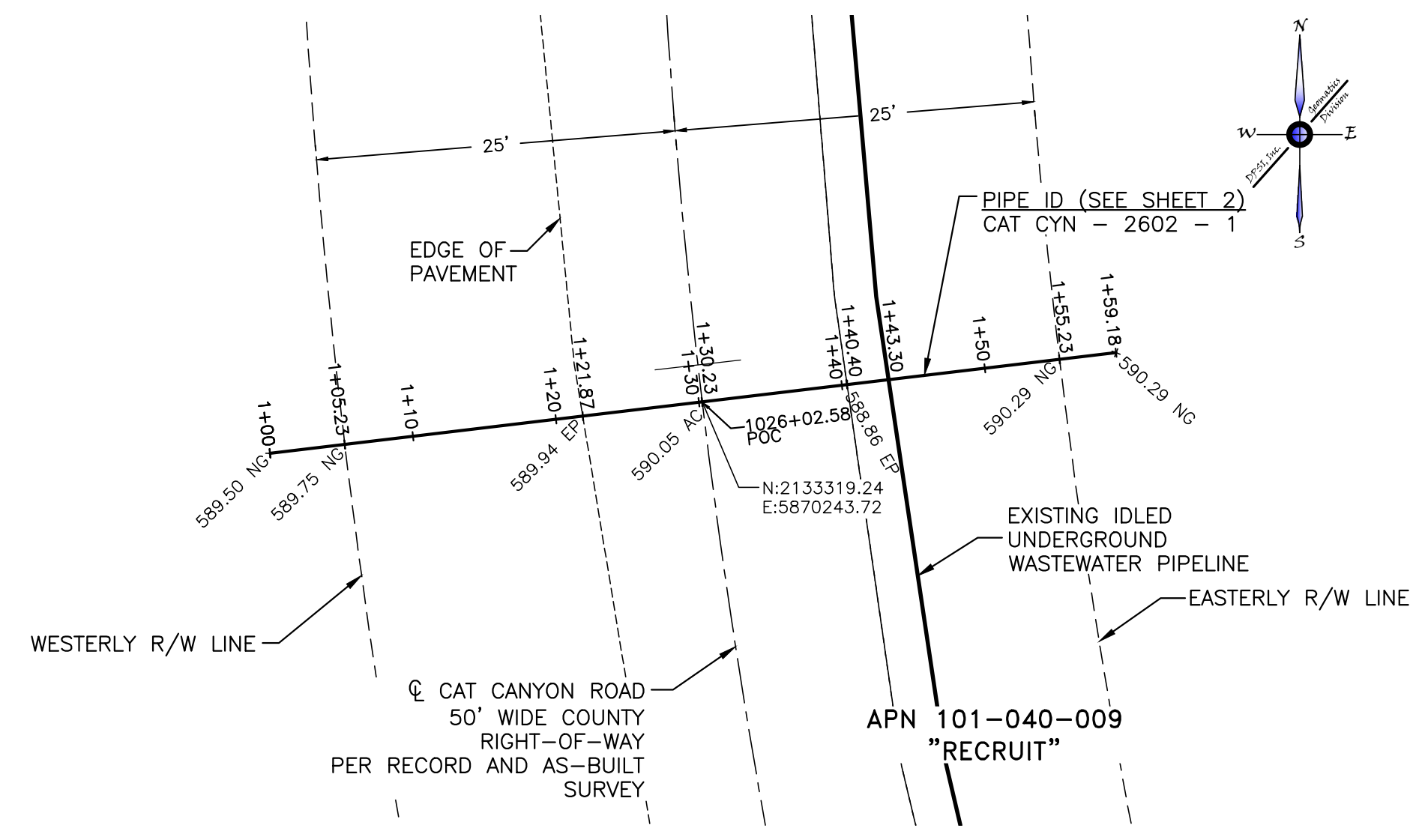
**PLAN**  
HORIZONTAL: 1"=10'



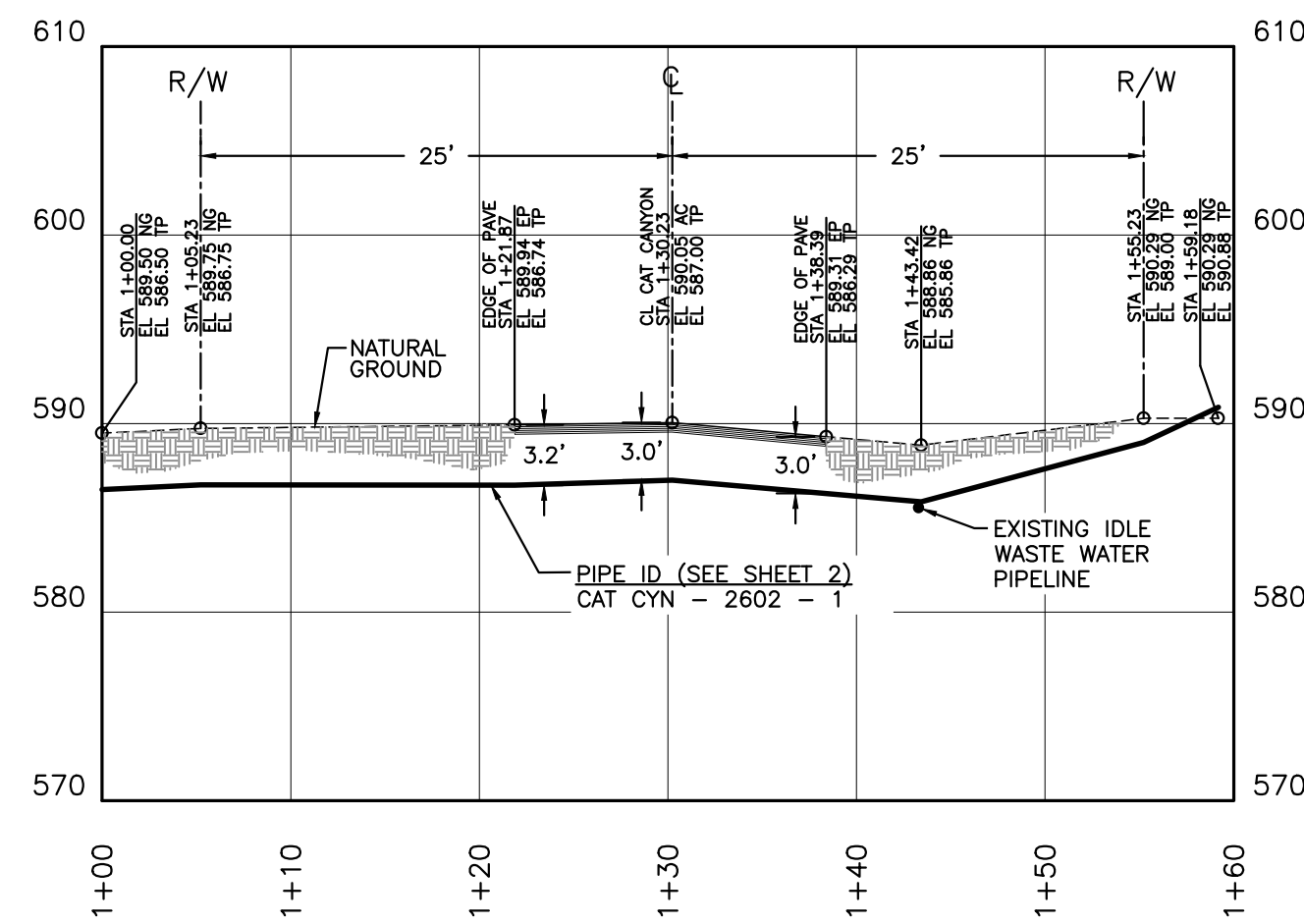
**PROFILE**  
VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

# CROSSING No. 2

APN 101-040-009  
"RECRUIT"  
NO CASING VISIBLE



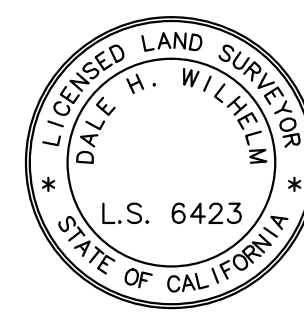
**PLAN**  
HORIZONTAL: 1"=10'



**PROFILE**  
VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'



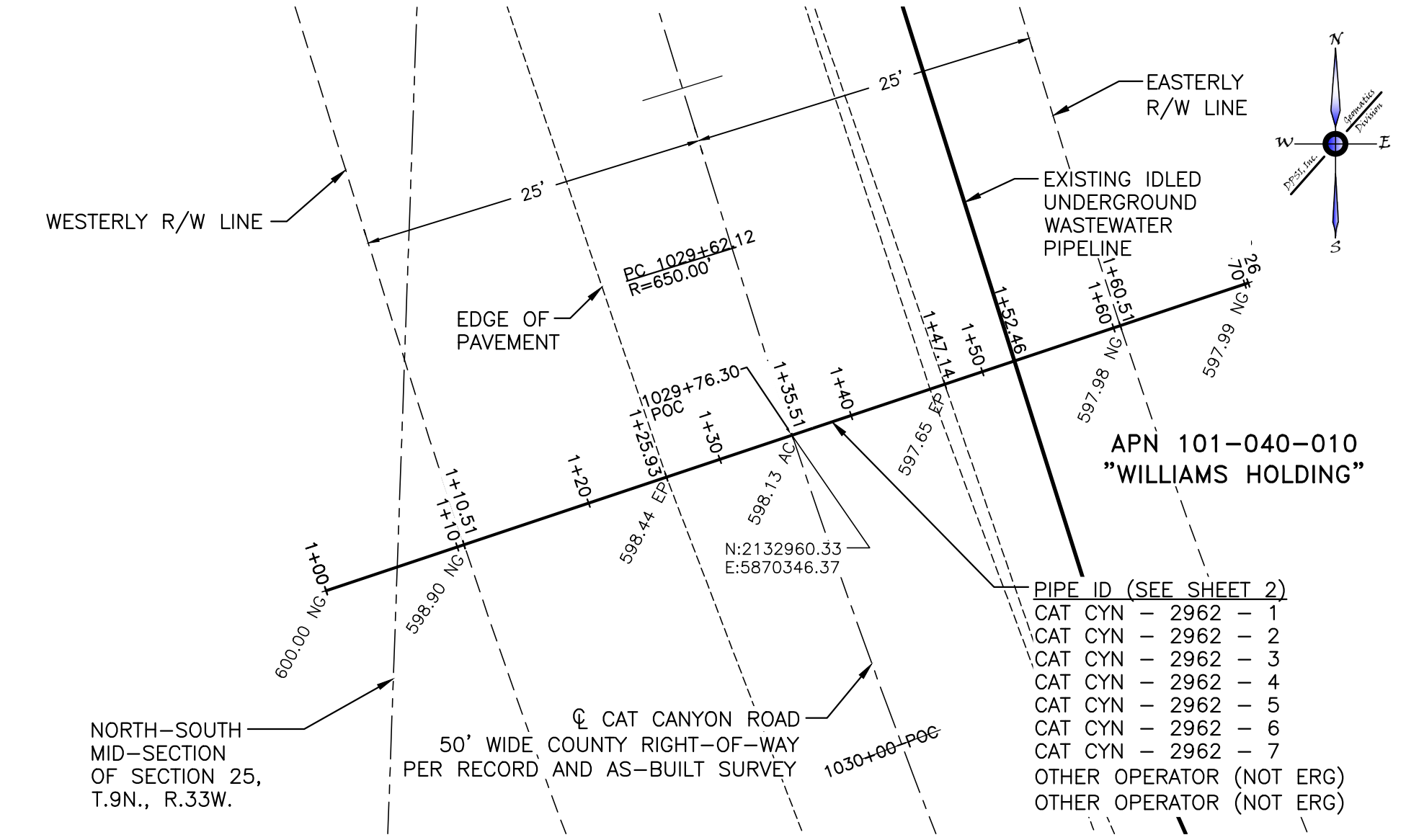
10/31/2013



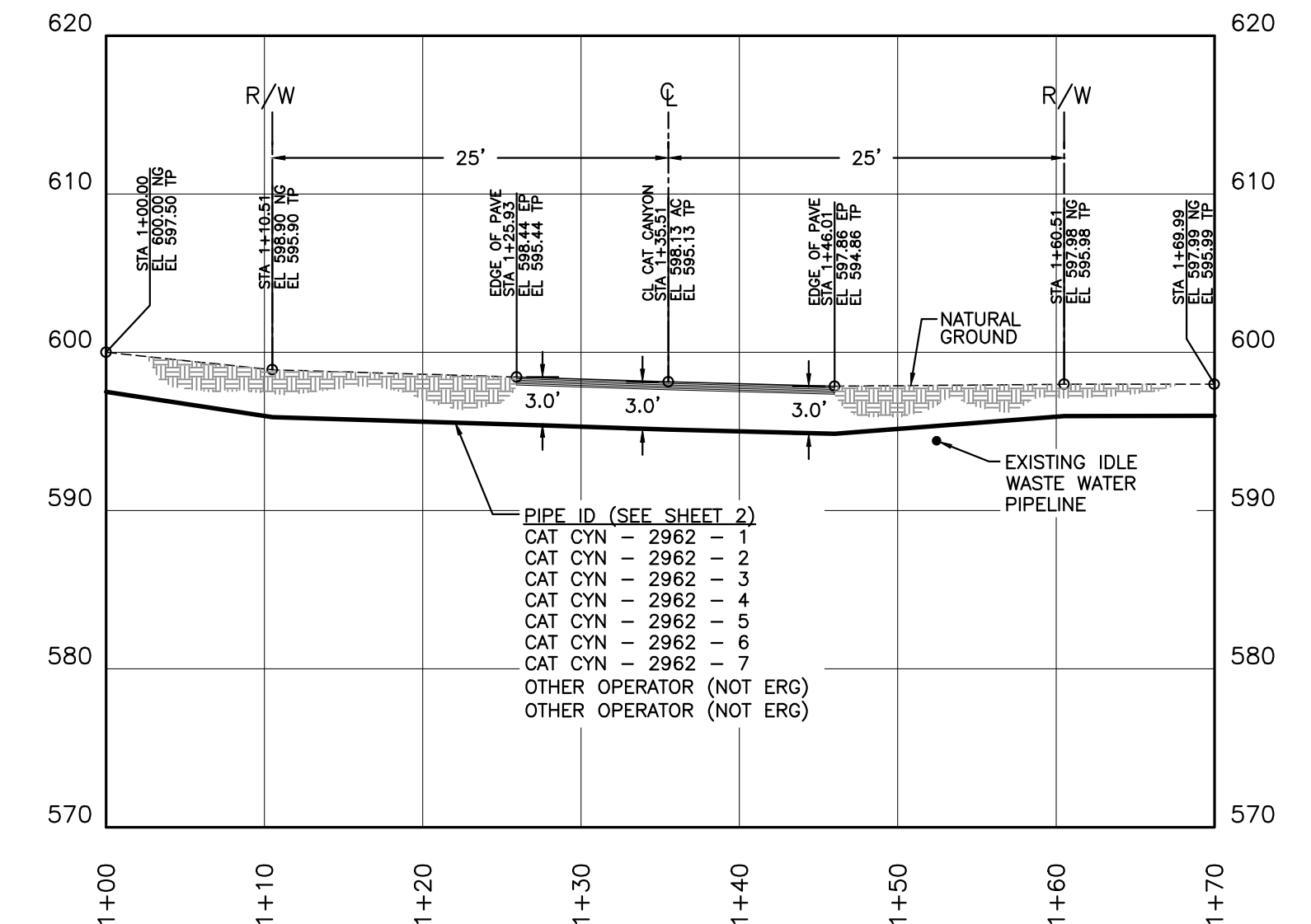
10/31/2013

# CROSSING No. 3

APN 101-040-010  
"WILLIAMS HOLDING  
COMPANY"  
NO CASING VISIBLE



**PLAN**  
HORIZONTAL: 1"=10'



**PROFILE**  
VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



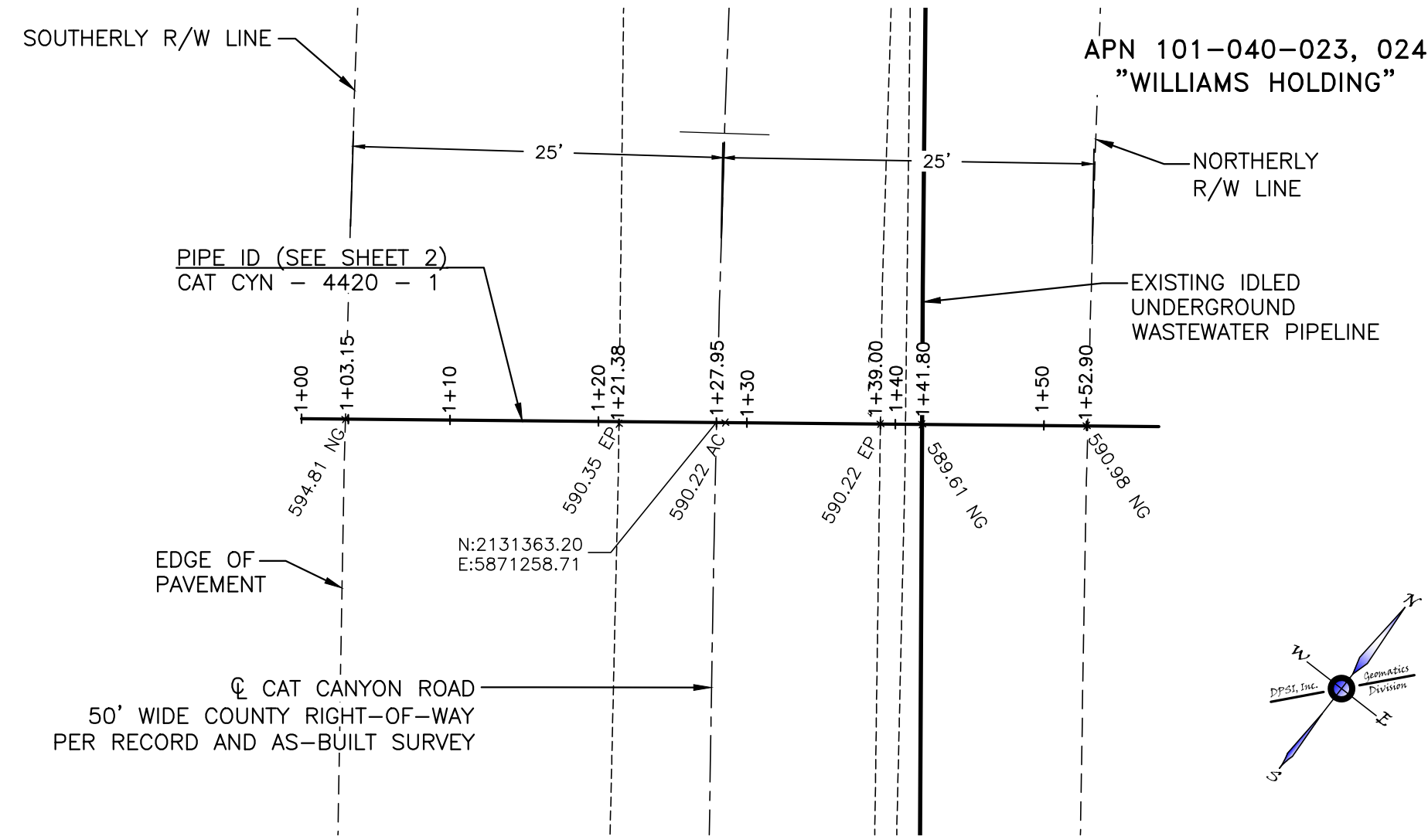
PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

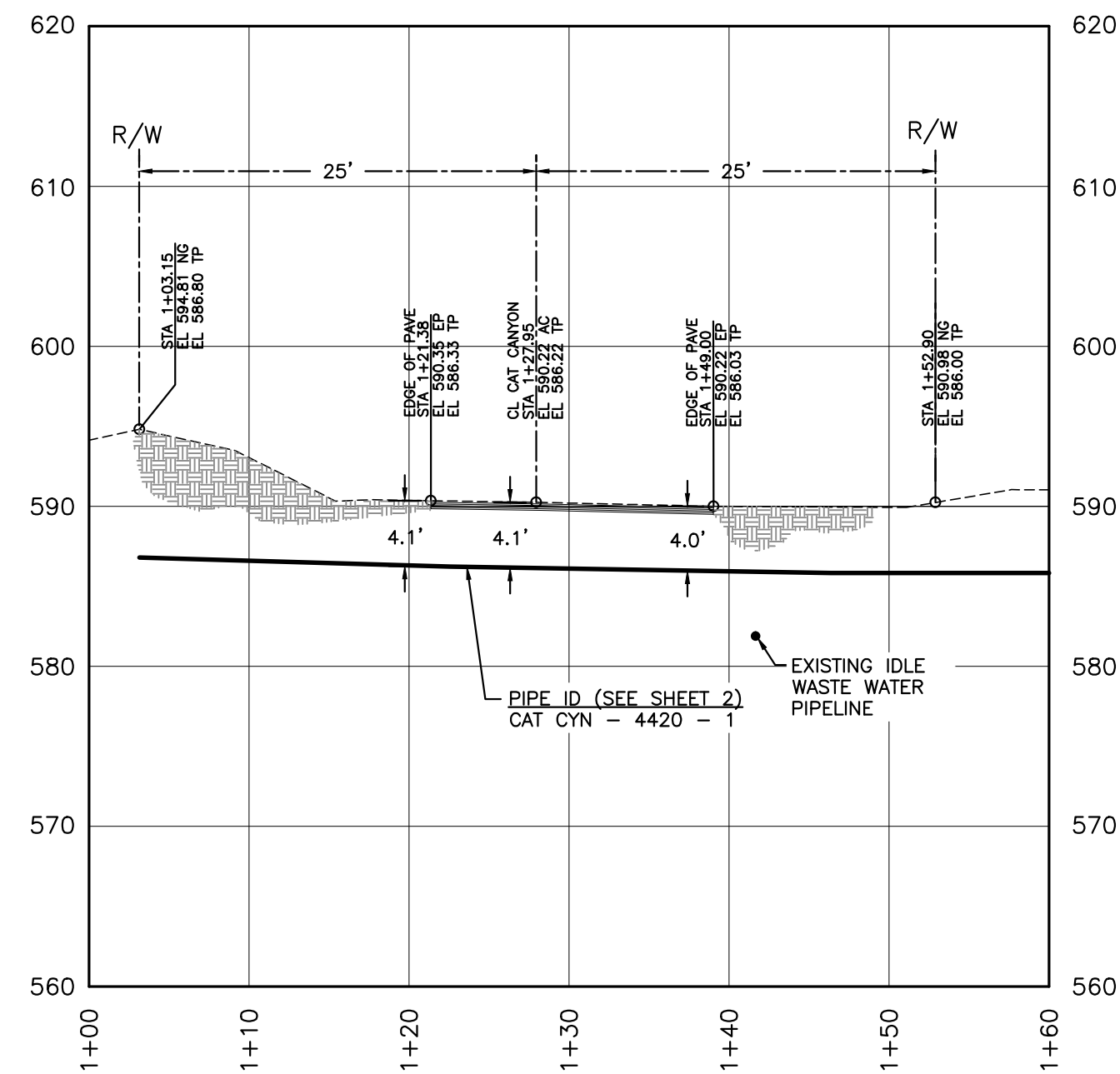
IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 9 OF 14
COMPILED BY: GLEN CANTERBERRY	CAD FILE NO. G120828EX0
DOCUMENT TYPE: TOPO SURVEY	REV. 4

# CROSSING No. 4

APN 101-040-023, 024  
"WILLIAMS HOLDING  
COMPANY"  
NO CASING VISIBLE



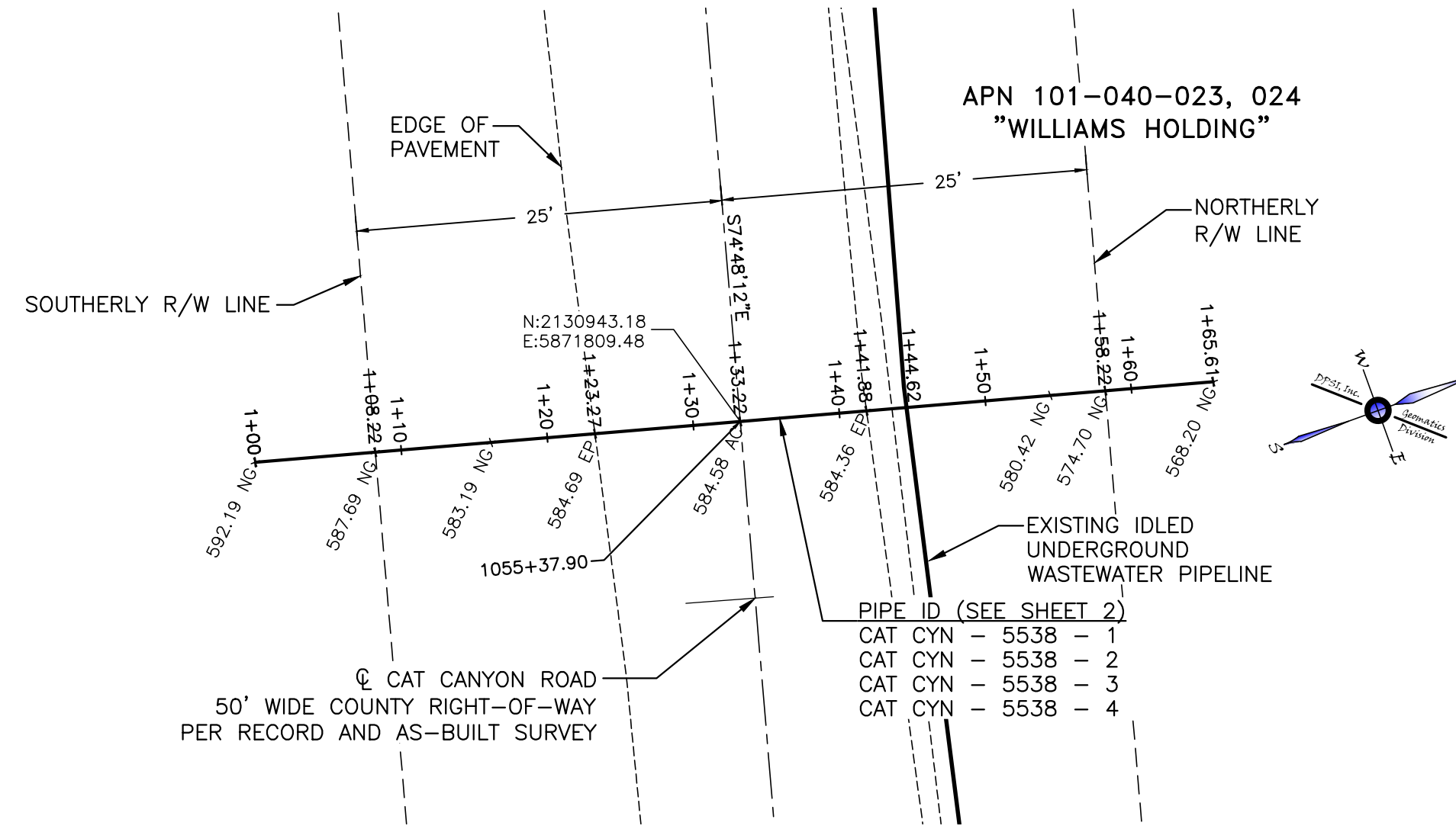
**PLAN**  
HORIZONTAL: 1"=10'



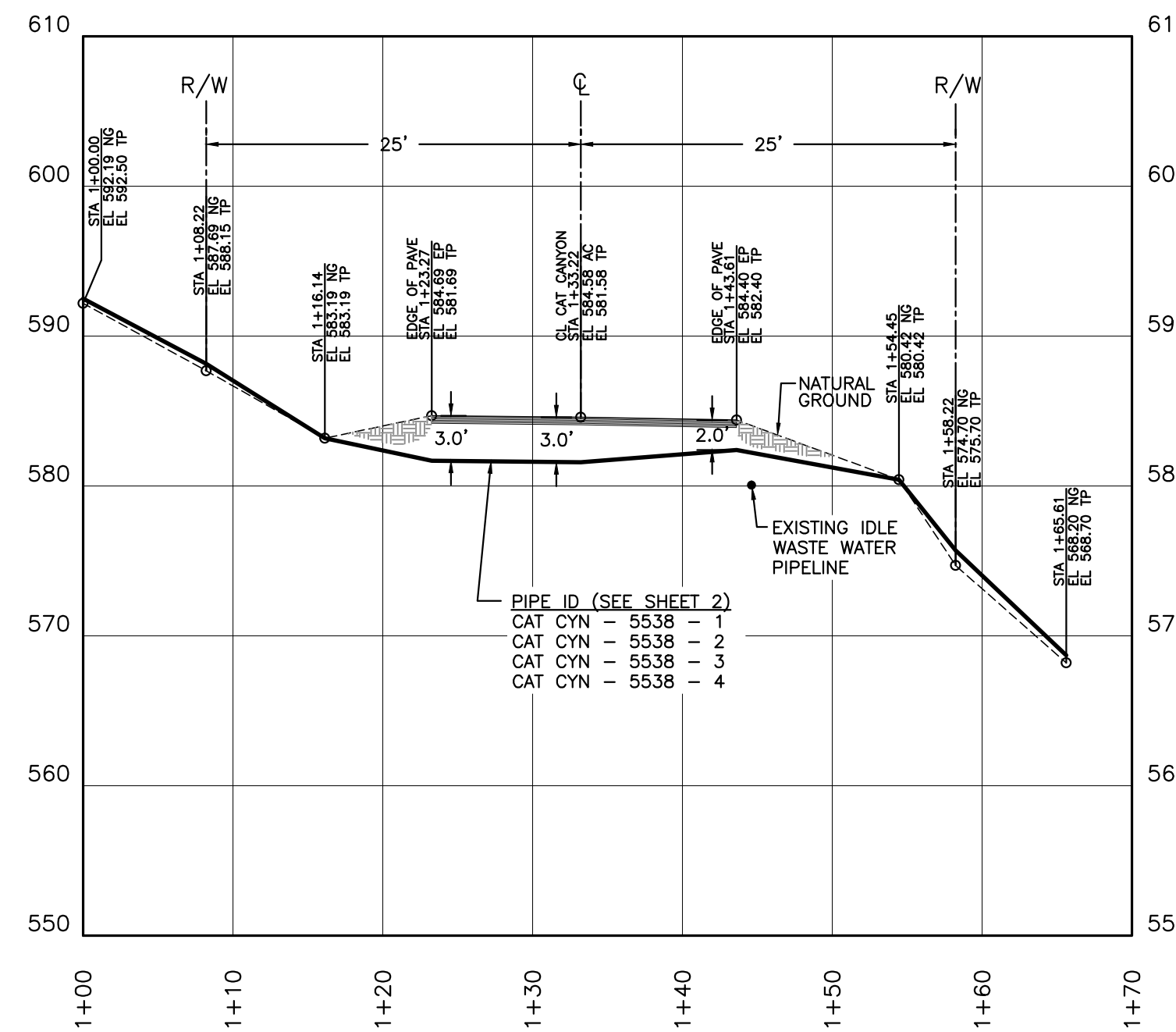
**PROFILE**  
VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

# CROSSING No. 5

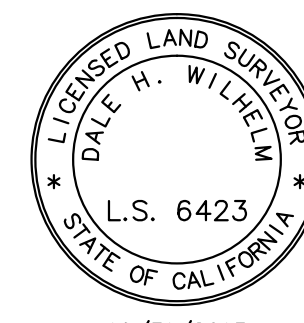
APN 101-040-023, 024  
"WILLIAMS HOLDING  
COMPANY"  
24" CMP CASING



**PLAN**  
HORIZONTAL: 1"=10'



**PROFILE**  
VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

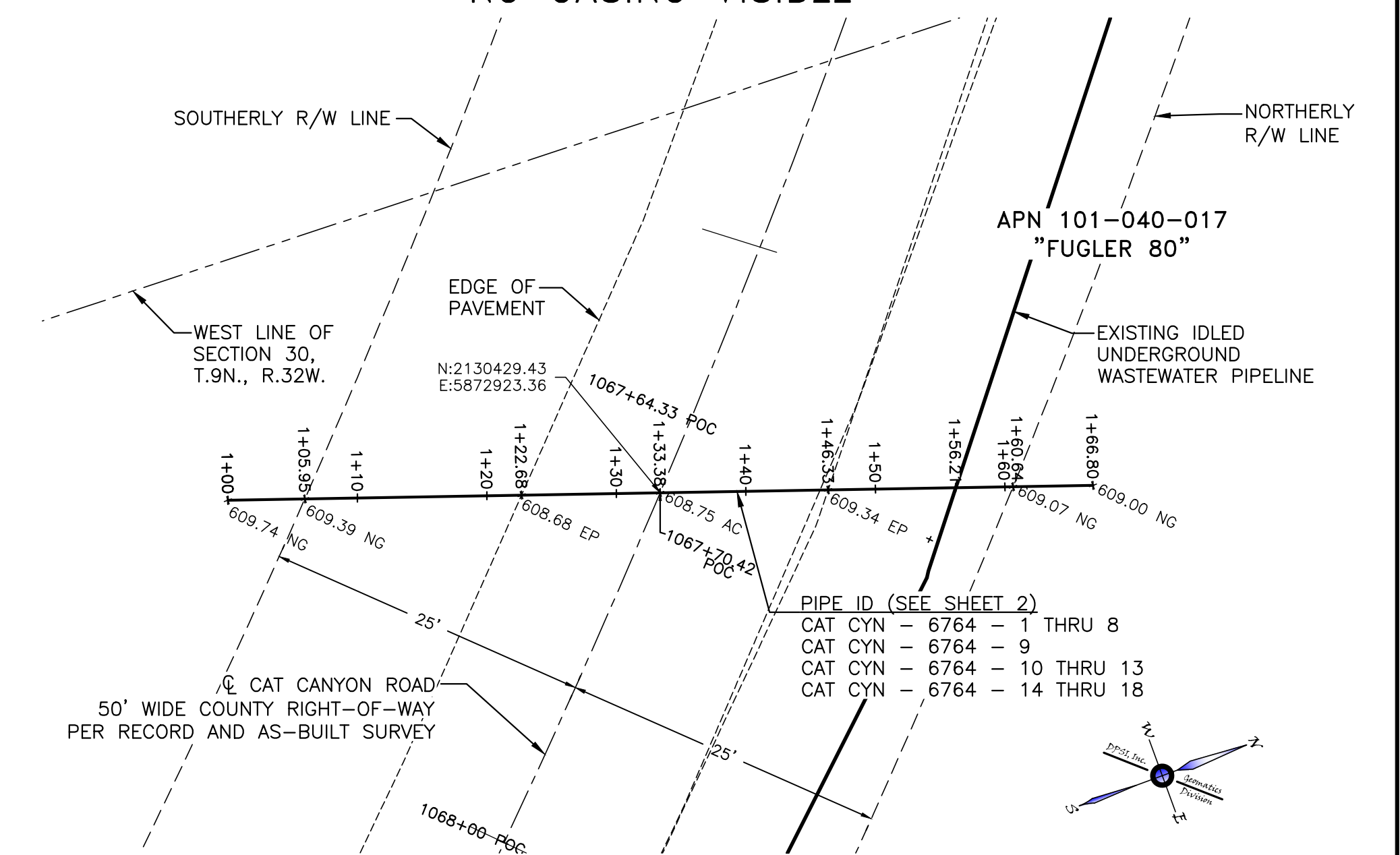


10/31/2013

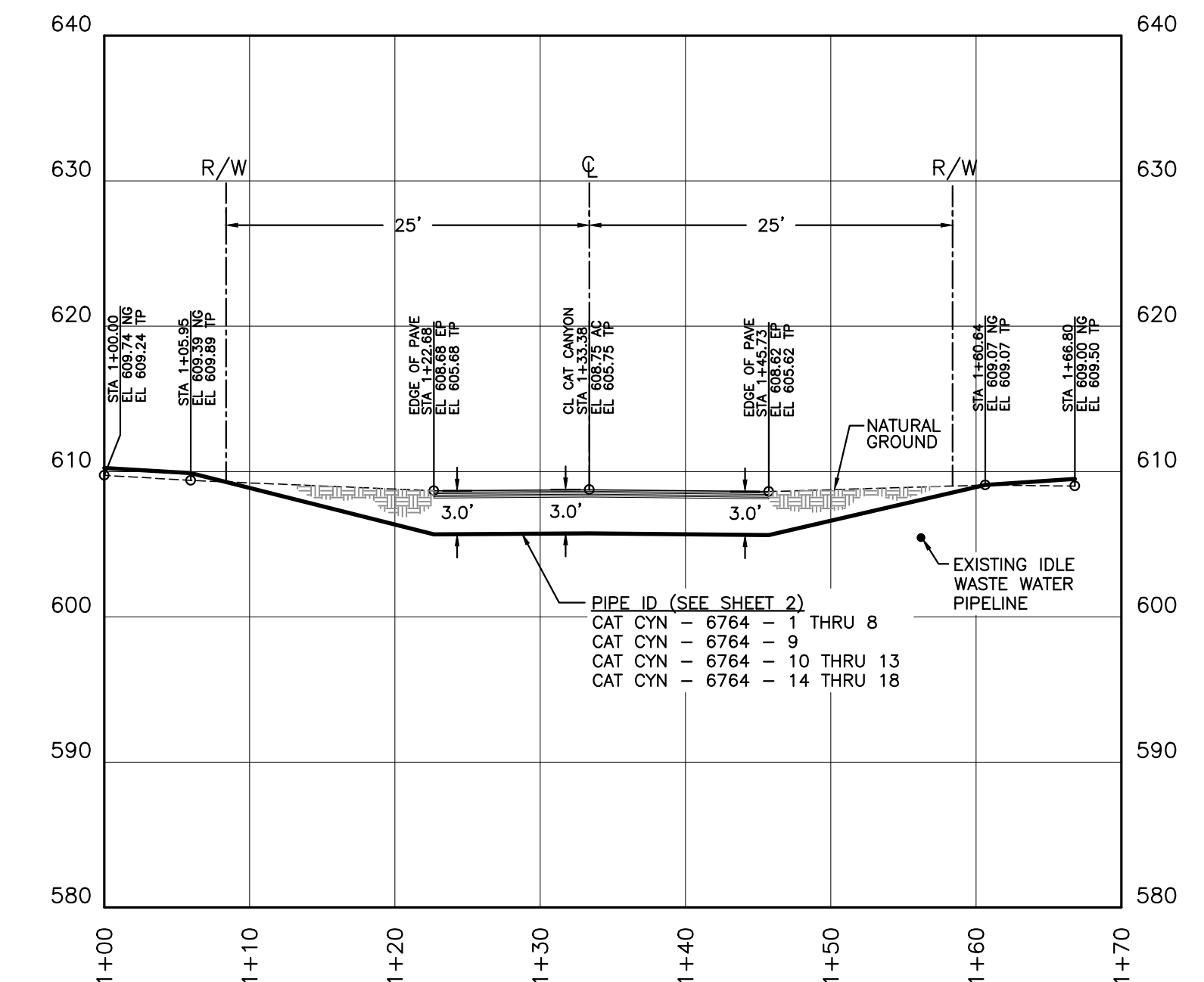
10/31/2013

# CROSSING No. 6

APN 101-040-017  
"FUGLER 80"  
NO CASING VISIBLE



**PLAN**  
HORIZONTAL: 1"=10'



**PROFILE**  
VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



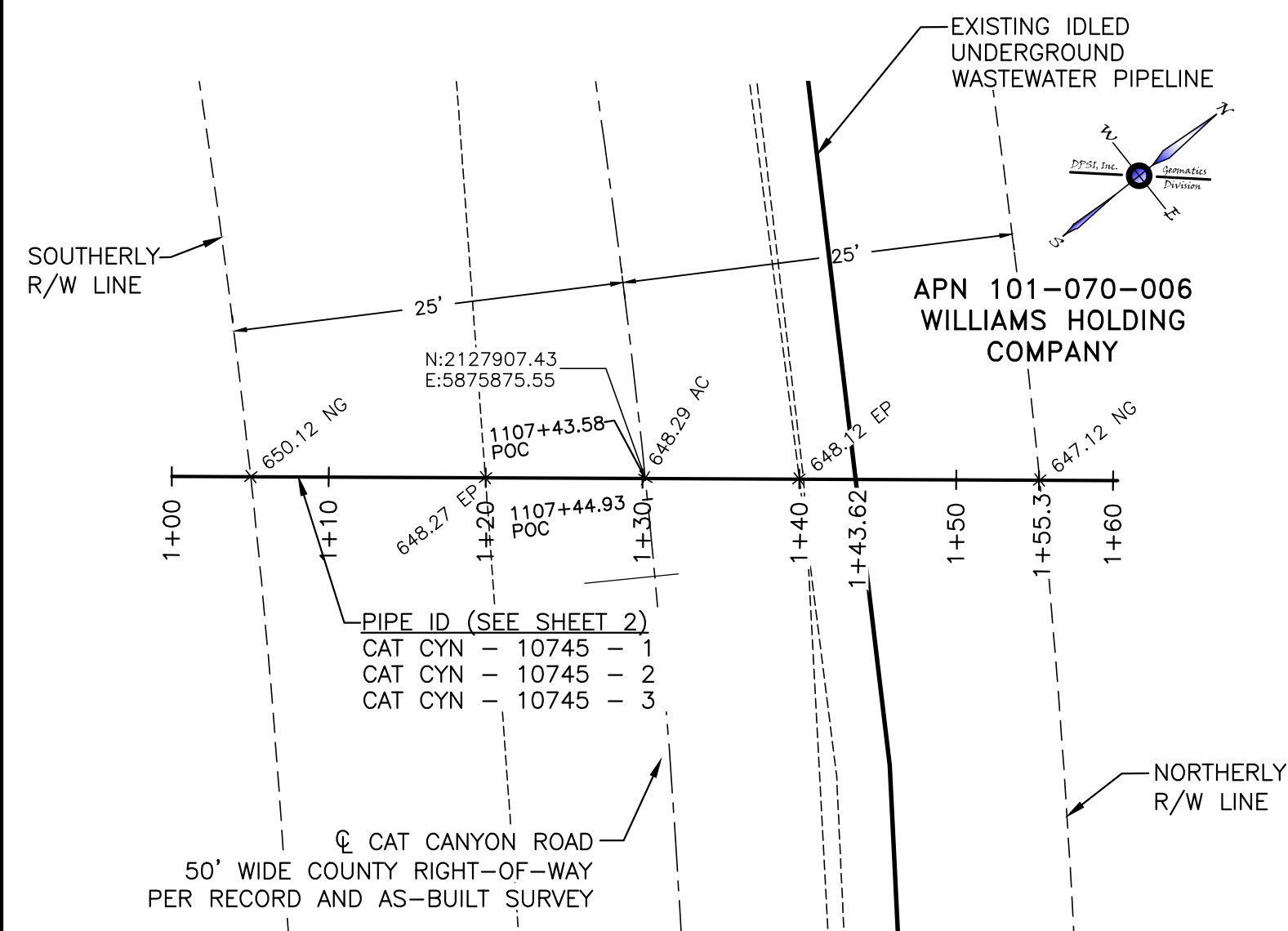
PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.32W., AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013 SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 10 OF 14
COMPILED BY: GLEN CANTERBERRY	CAD FILE NO. G120828EX0
DOCUMENT TYPE: TOPO SURVEY	REV. 4

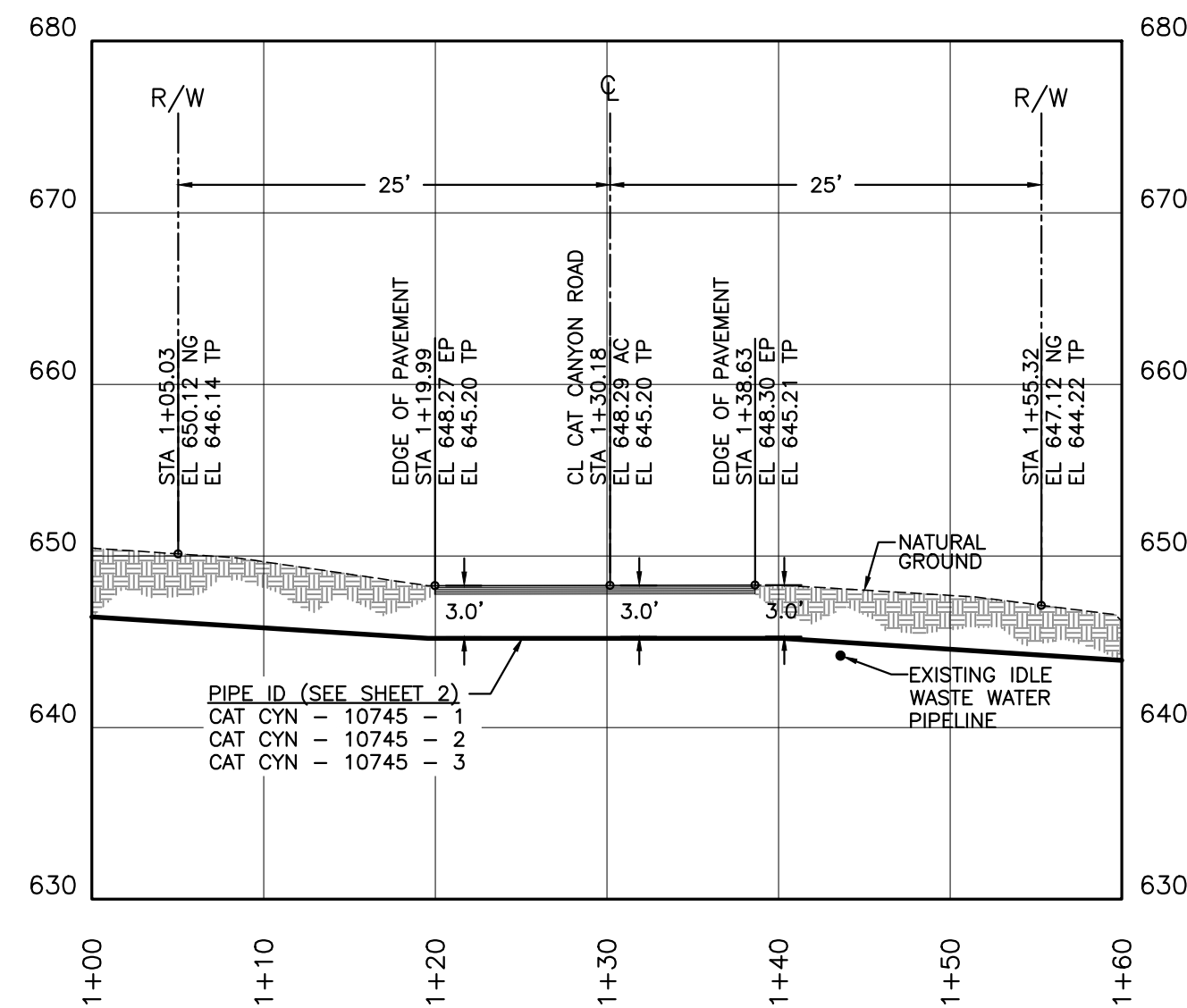
# CROSSING No. 7

APN 101-070-006  
"WILLIAMS HOLDING COMPANY"  
9" STL CASING VISIBLE



**PLAN**

HORIZONTAL: 1"=10'

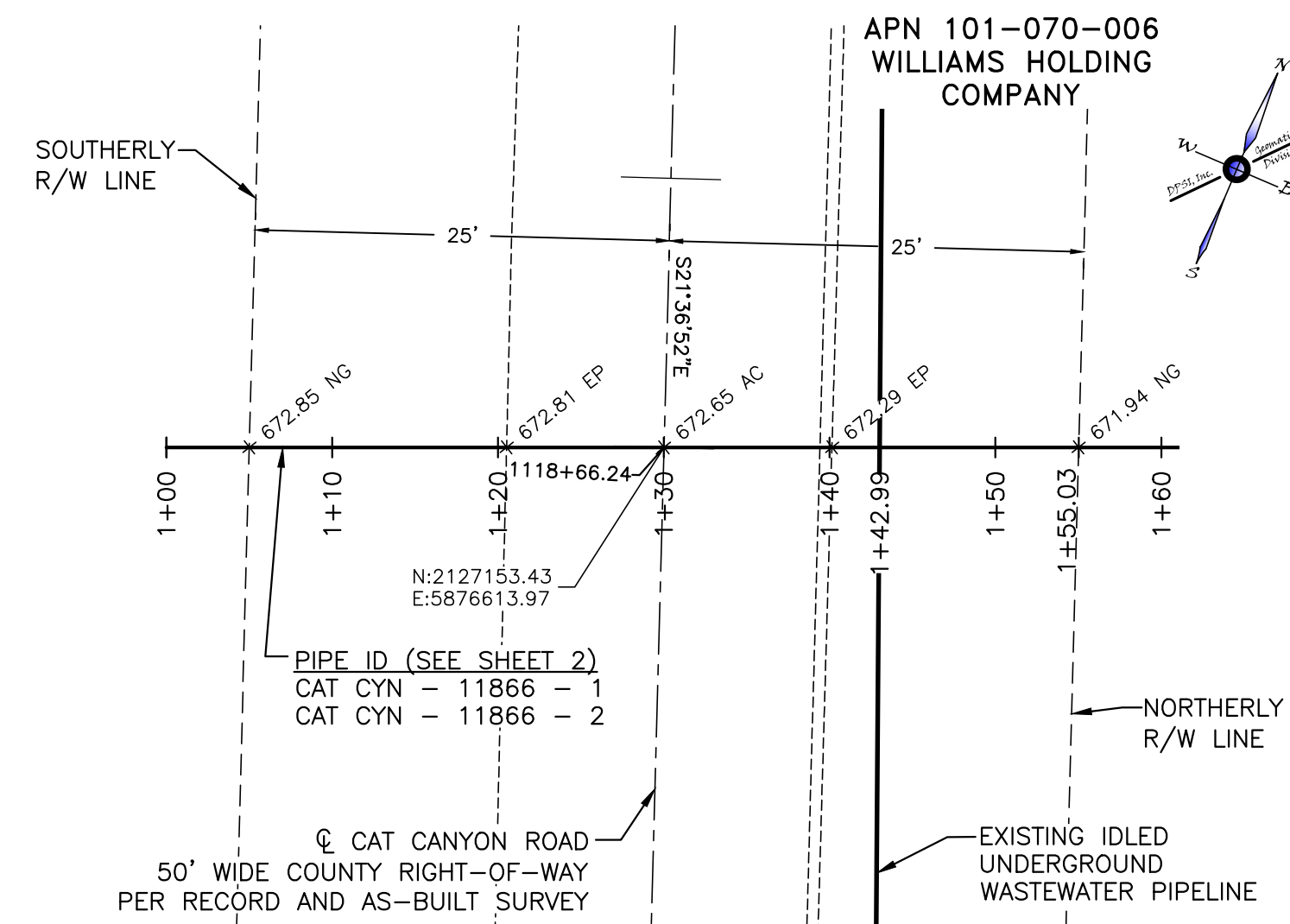


**PROFILE**

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

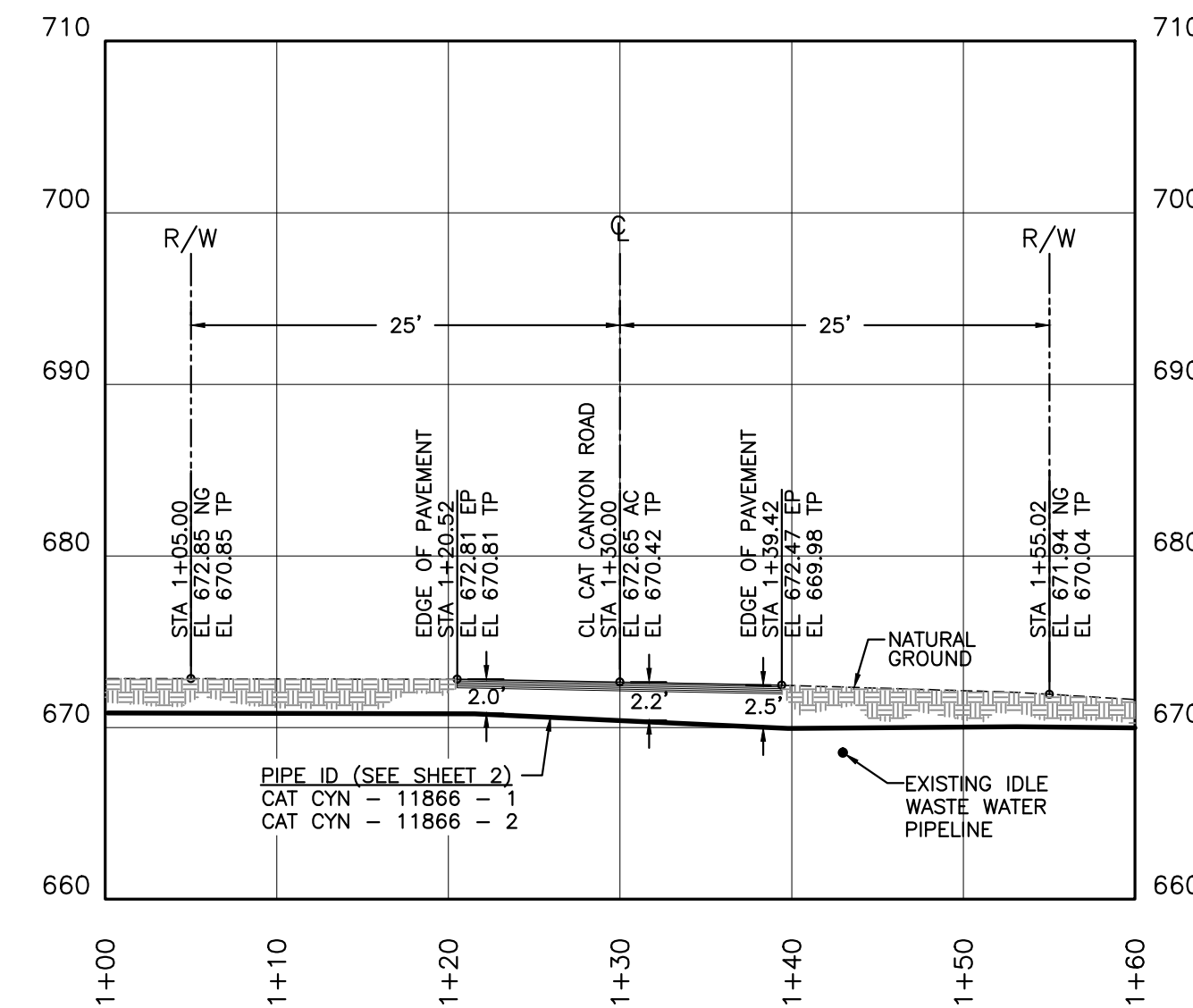
# CROSSING No. 8

APN 101-070-006  
"WILLIAMS HOLDING COMPANY"  
CASING VISIBLE



**PLAN**

HORIZONTAL: 1"=10'

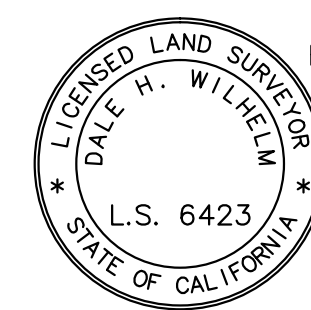


**PROFILE**

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'



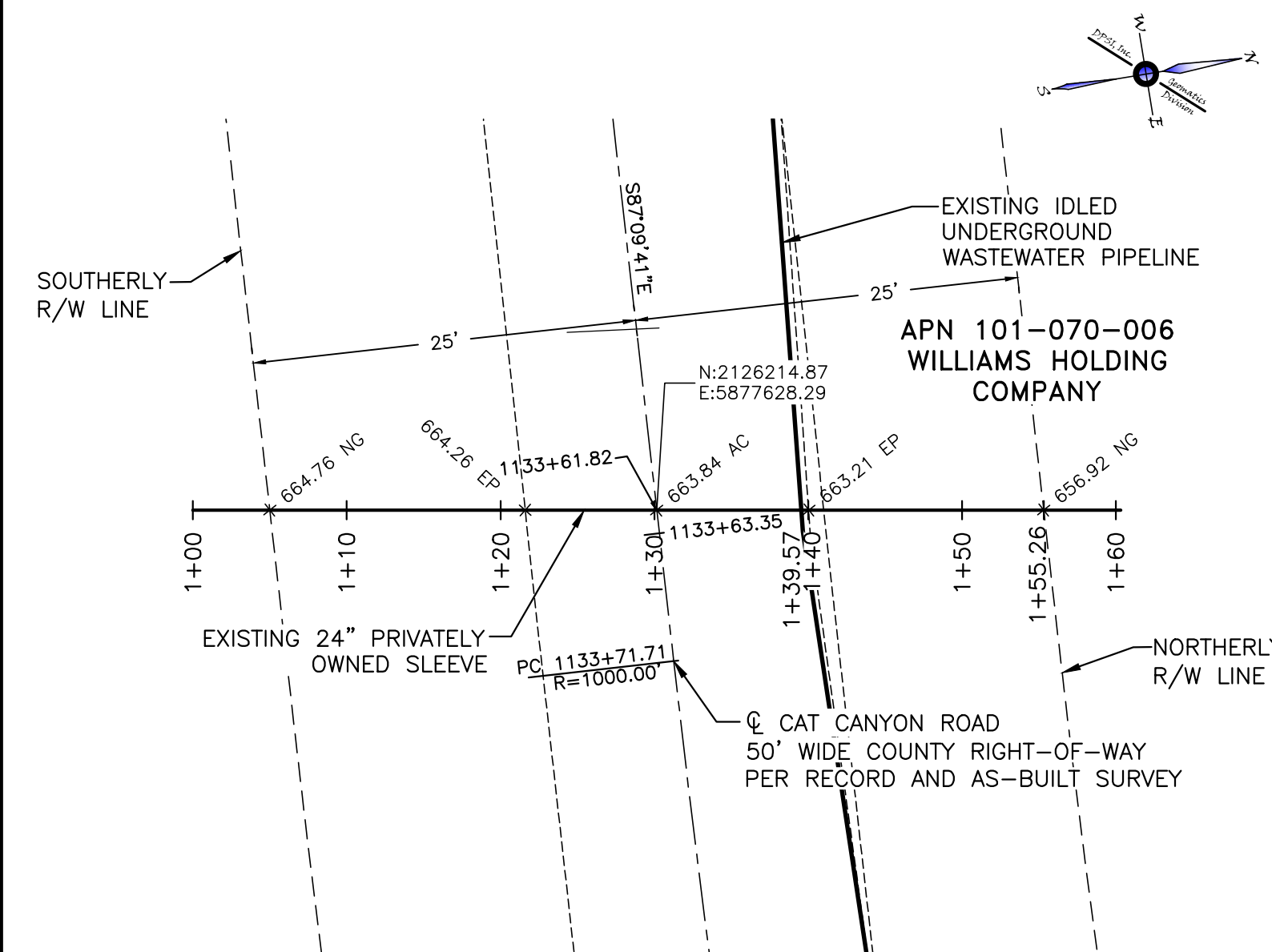
10/31/2013



10/31/2013

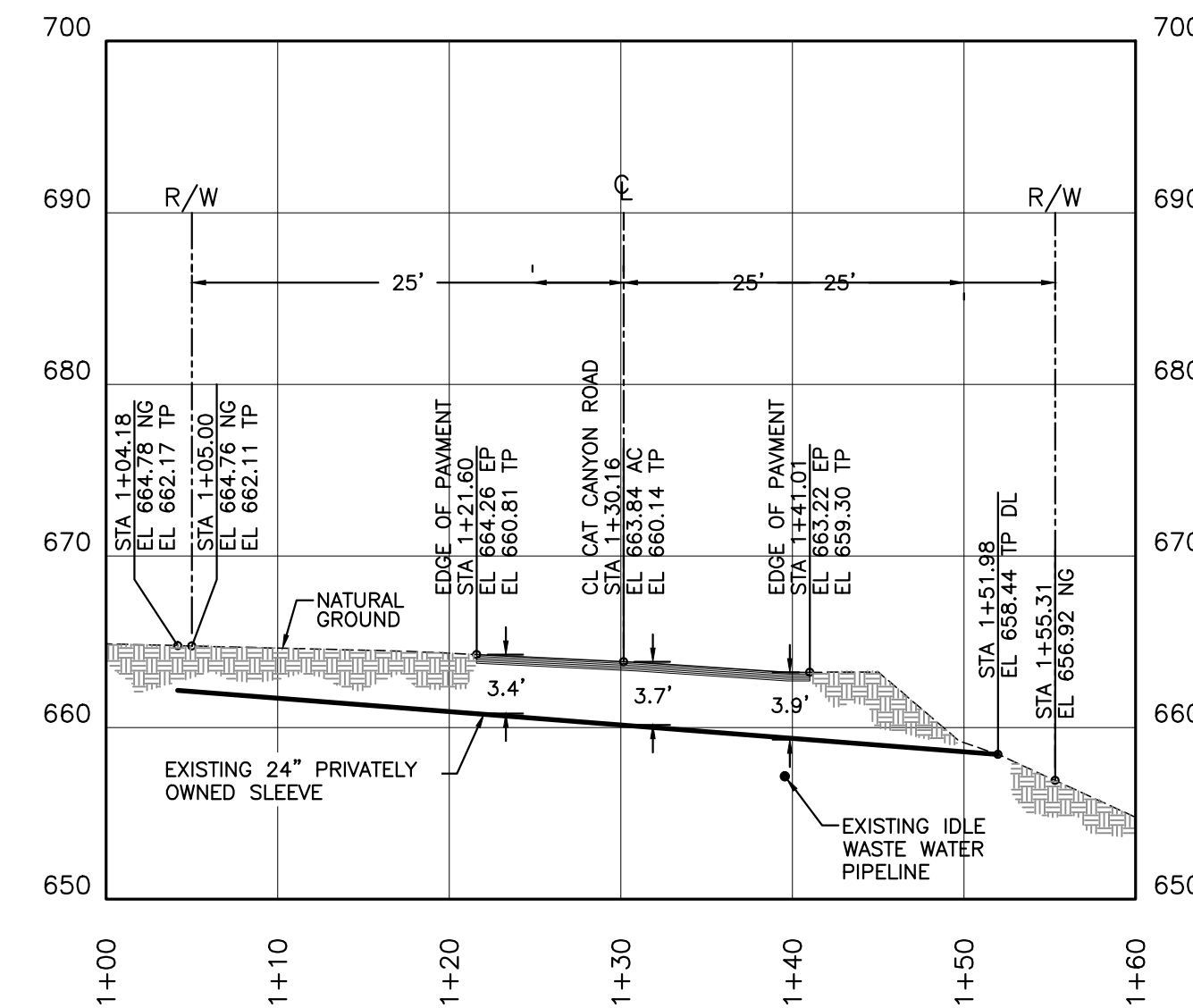
# CROSSING No. 9

APN 101-070-006  
"WILLIAMS HOLDING COMPANY"  
24" CMP PRIVATELY OWNED SLEEVE



**PLAN**

HORIZONTAL: 1"=10'

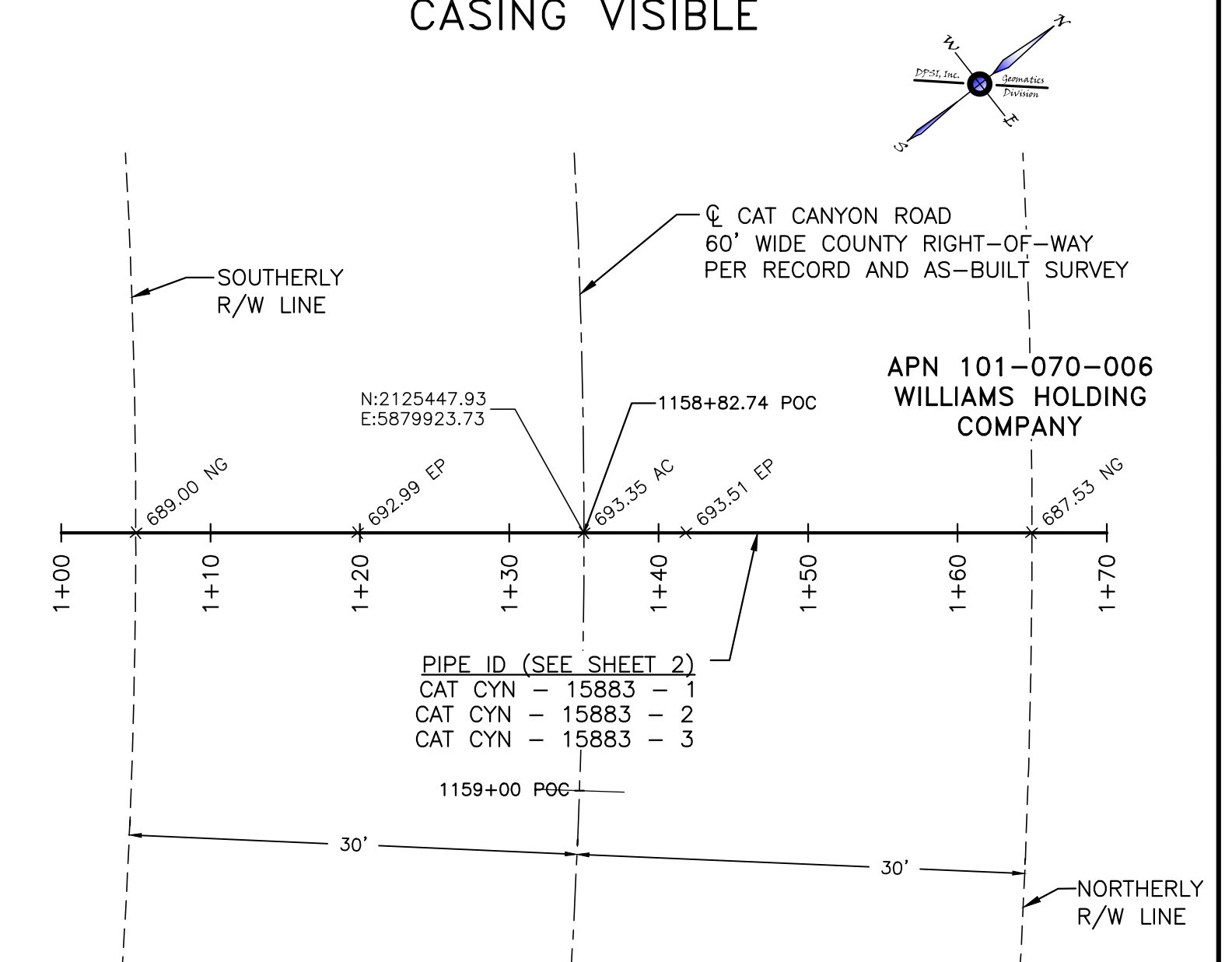


**PROFILE**

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

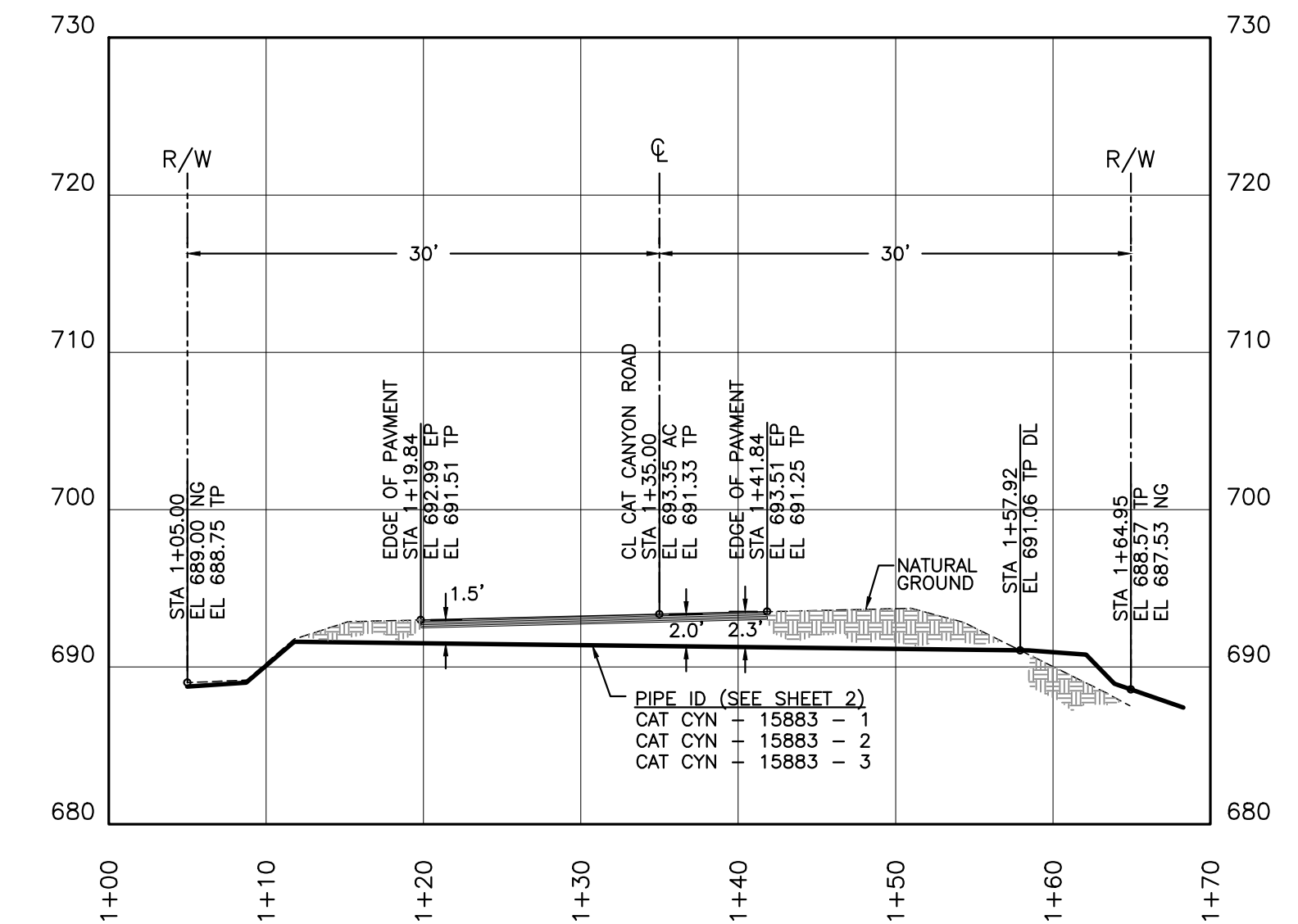
# CROSSING No. 10

APN 101-070-006  
"WILLIAMS HOLDING COMPANY"  
CASING VISIBLE



**PLAN**

HORIZONTAL: 1"=10'



**PROFILE**

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PPO	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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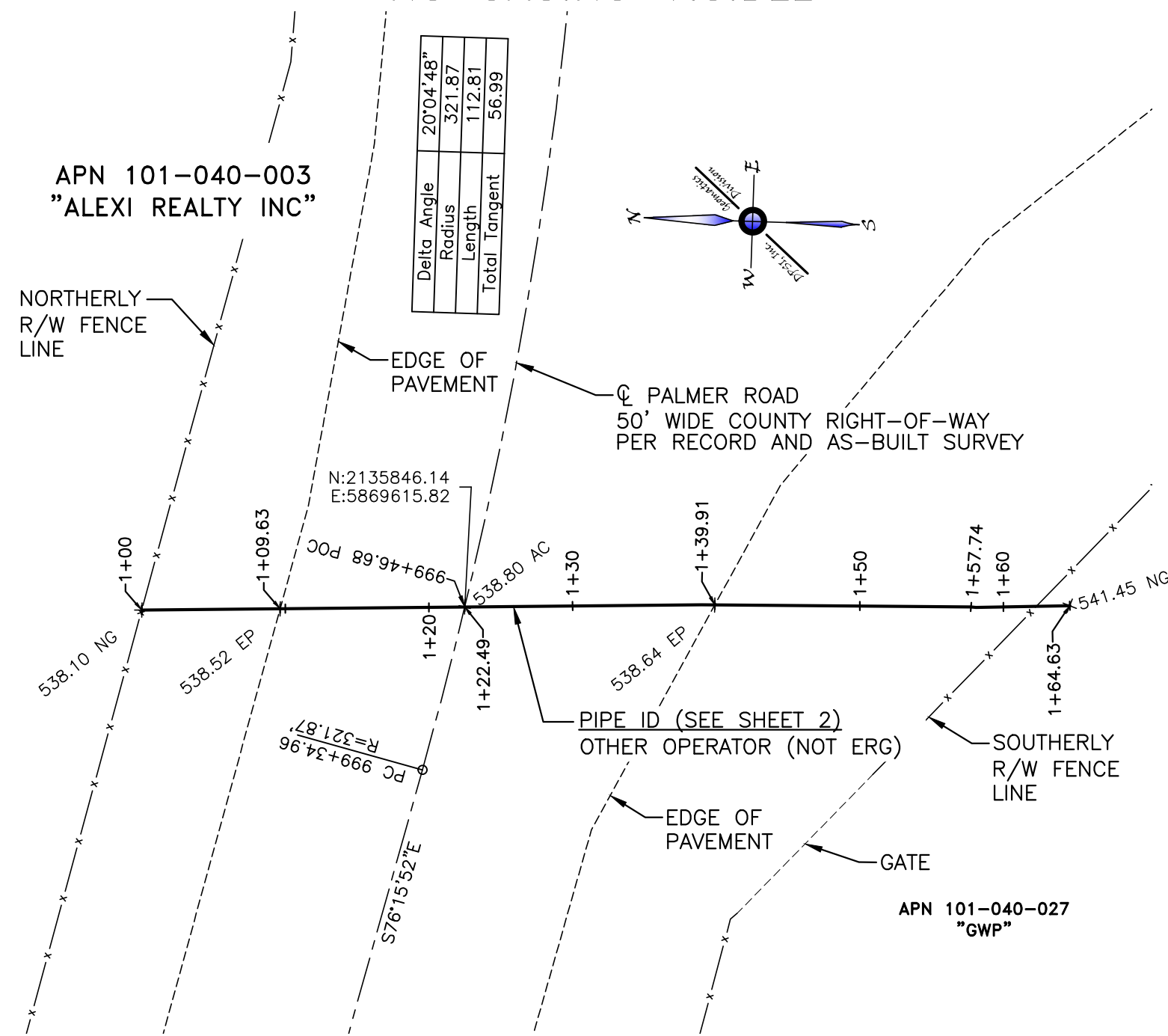
PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.33W., AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER:	ALBERTO LOPEZ
SURVEYOR:	DALE H. WILHELM
PROJ. MGR:	ALBERTO LOPEZ
COMPILED BY:	GLEN CANTERBERRY
DOCUMENT TYPE:	TOPO SURVEY
DATE:	11/14/2013
SCALE:	1" = 10'
ORIGINAL DWG NO.	
NO.	11 OF 14
CAD FILE NO.	G120828EX0
REV.	4

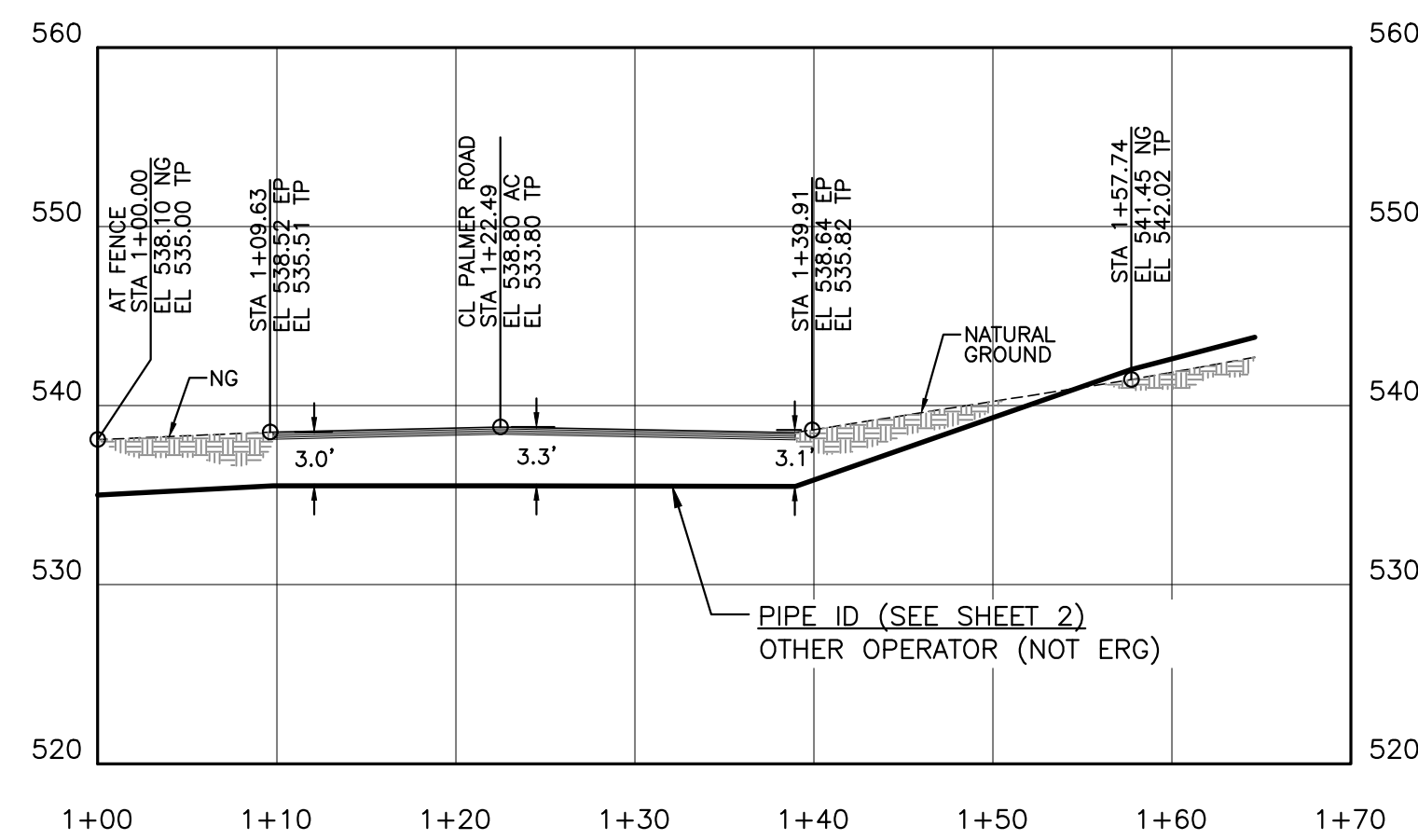
# CROSSING No. 11

APN 101-040-027  
"GWP"  
NO CASING VISIBLE



## PLAN

HORIZONTAL: 1"=10'

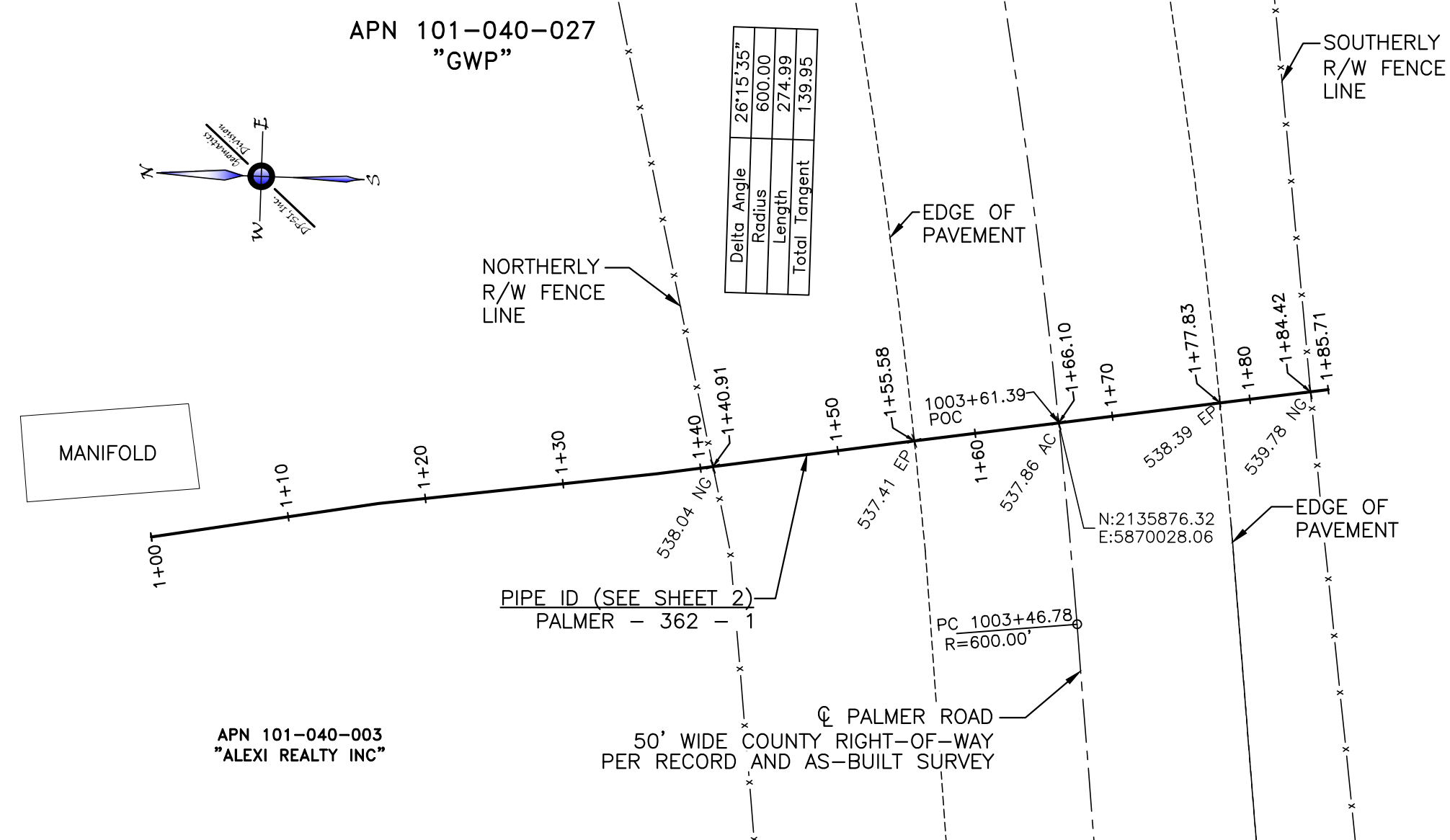


## PROFILE

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

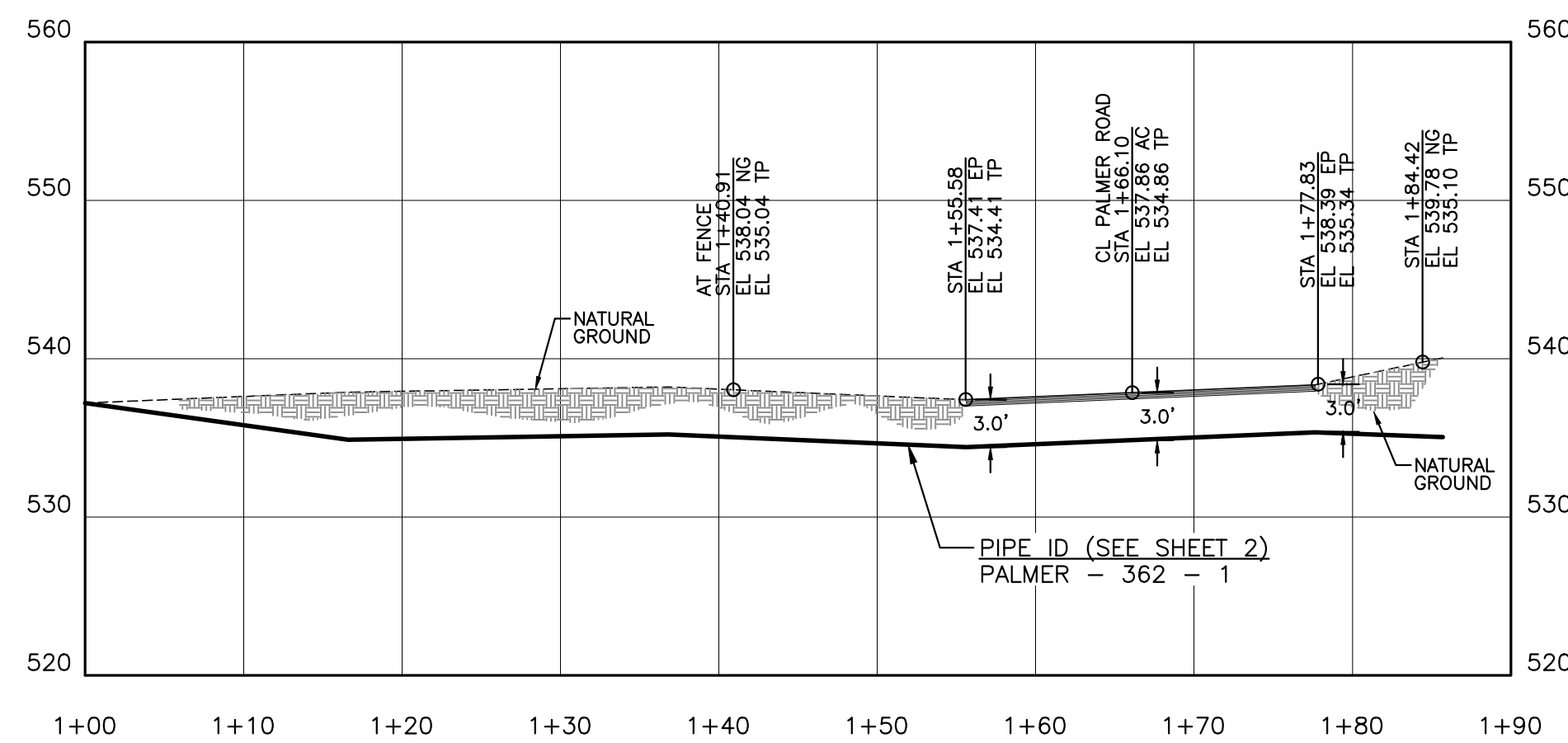
# CROSSING No. 12

APN 101-040-027  
"GWP"  
NO CASING VISIBLE



## PLAN

HORIZONTAL: 1"=10'

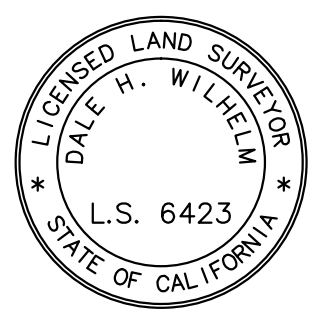


## PROFILE

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'



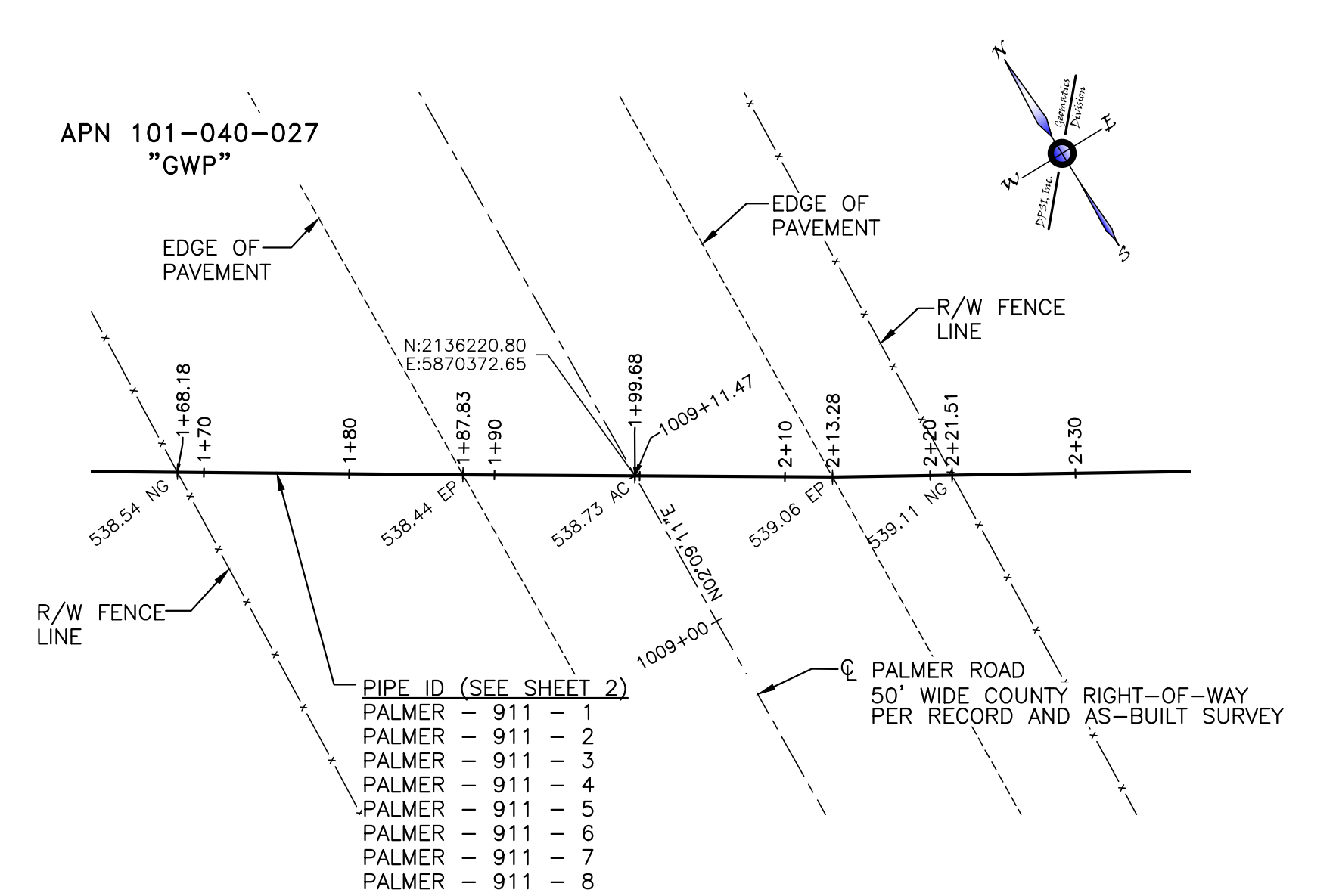
10/31/2013



10/31/2013

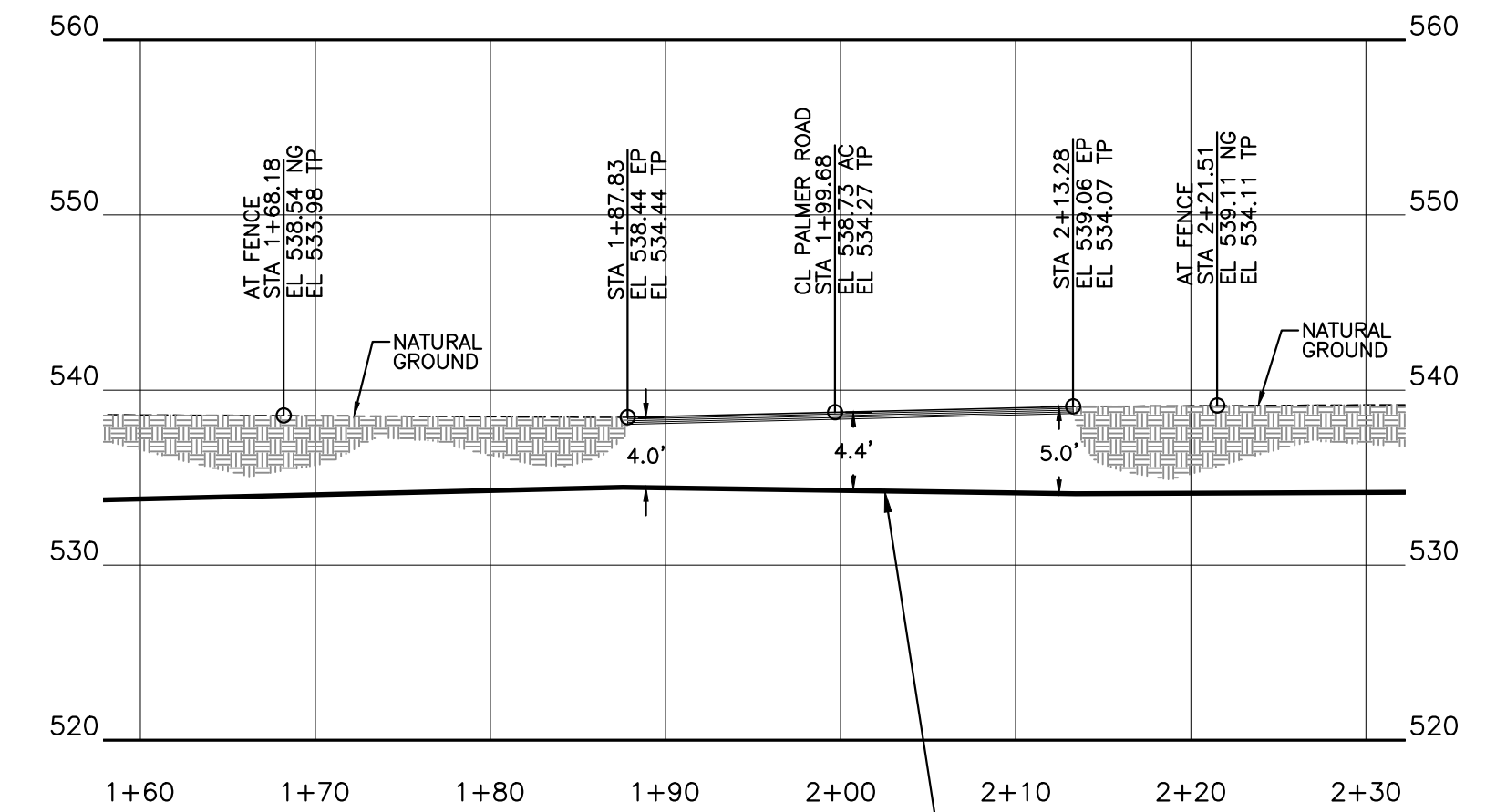
# CROSSING No. 13

APN 101-040-027  
"GWP"  
NO CASING VISIBLE



## PLAN

HORIZONTAL: 1"=10'



## PROFILE

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

PIPE ID (SEE SHEET 2)  
PALMER - 911 - 1  
PALMER - 911 - 2  
PALMER - 911 - 3  
PALMER - 911 - 4  
PALMER - 911 - 5  
PALMER - 911 - 6  
PALMER - 911 - 7  
PALMER - 911 - 8

GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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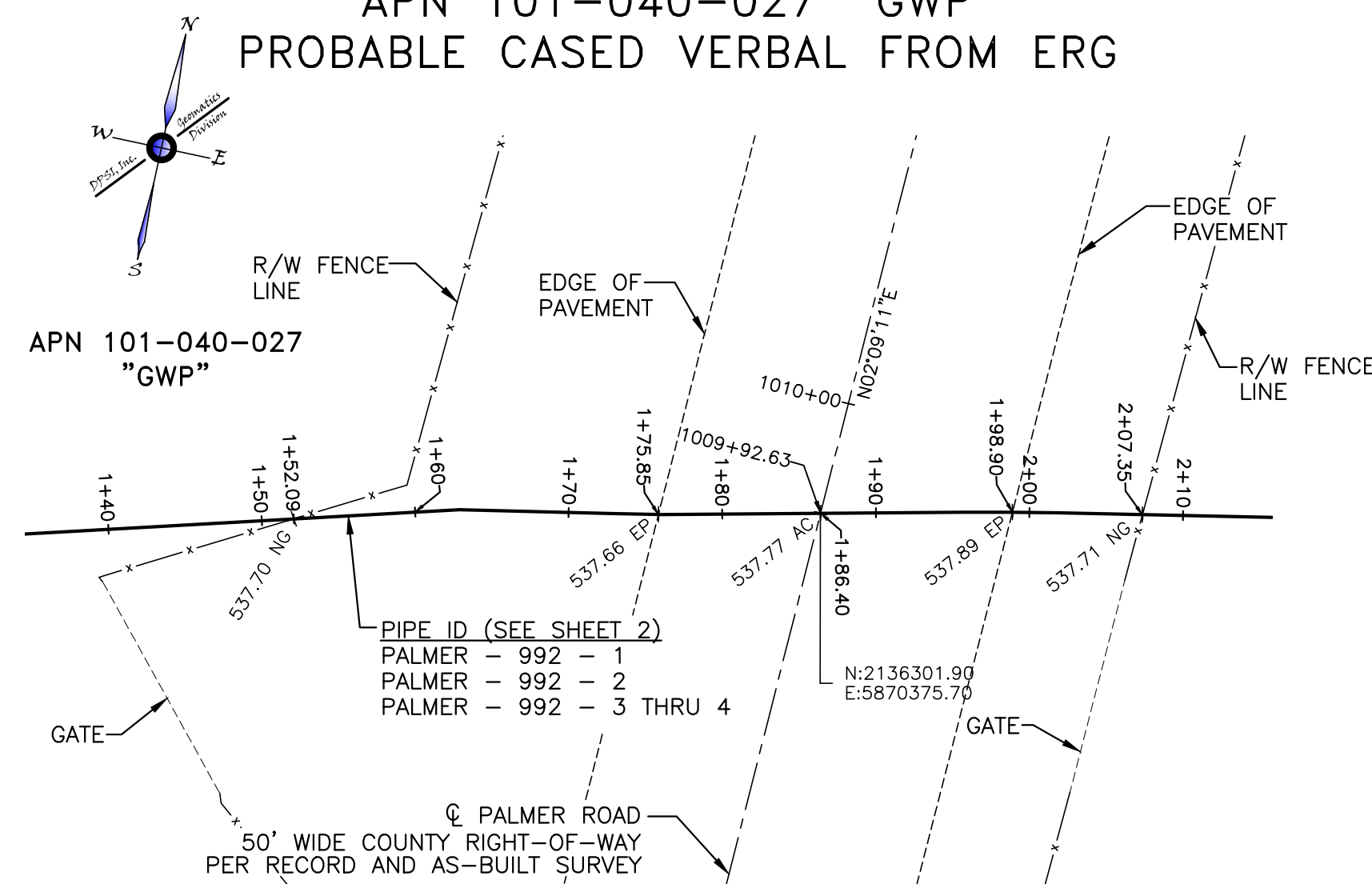
PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGJ	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD ERG RESOURCES, LLC PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER: ALBERTO LOPEZ	DATE: 11/14/2013   SCALE: 1" = 100'
SURVEYOR: DALE H. WILHELM	ORIGINAL DWG NO.
PROJ. MGR: ALBERTO LOPEZ	NO. 12 OF 14
COMPILED BY: GLEN CANTERBERRY	CAD FILE NO. G120828EX0
DOCUMENT TYPE: TOPO SURVEY	REV. 4

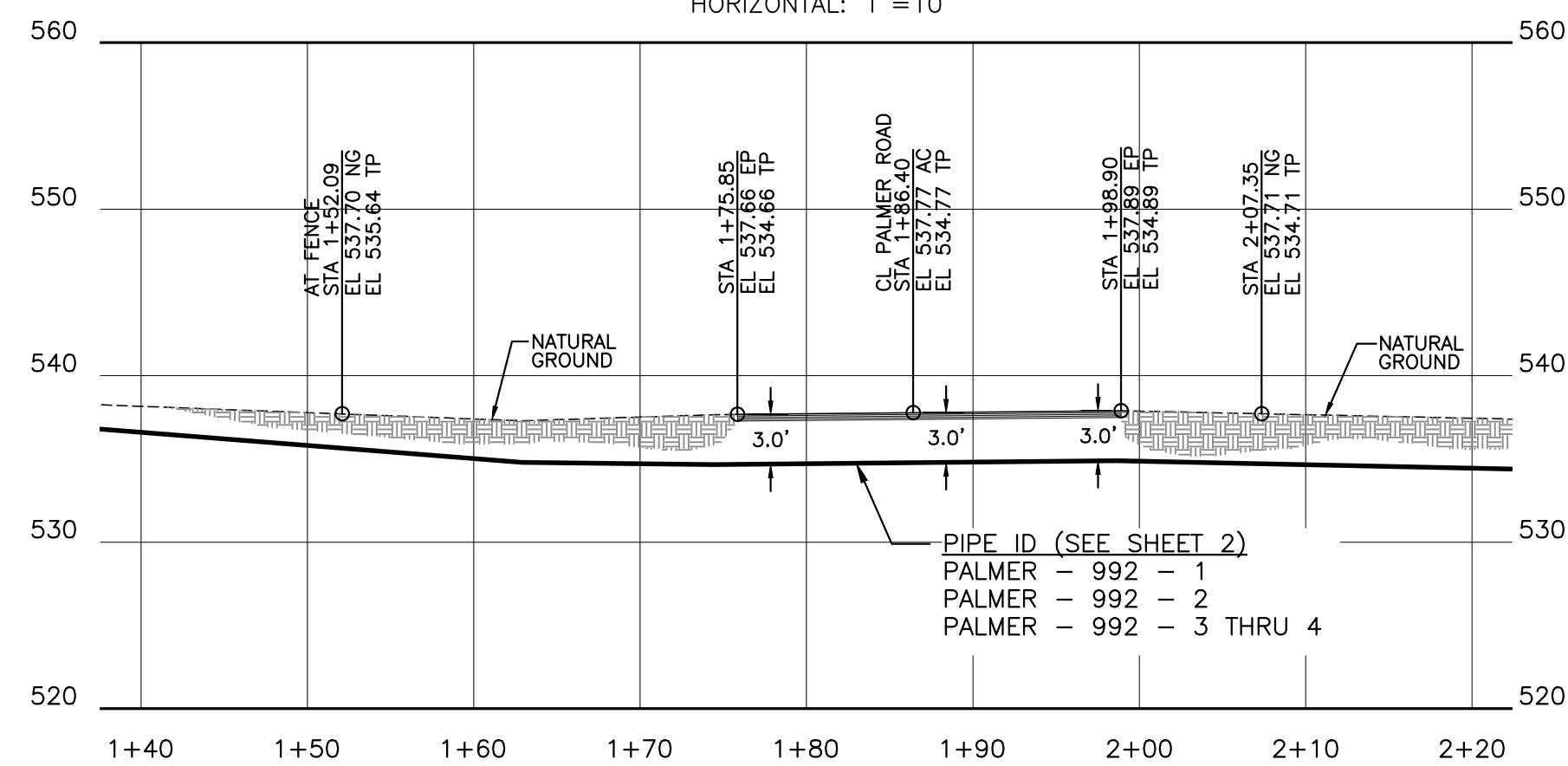
# CROSSING No. 14

APN 101-040-027 "GWP"  
PROBABLE CASIED VERBAL FROM ERG



## PLAN

HORIZONTAL: 1"=10'

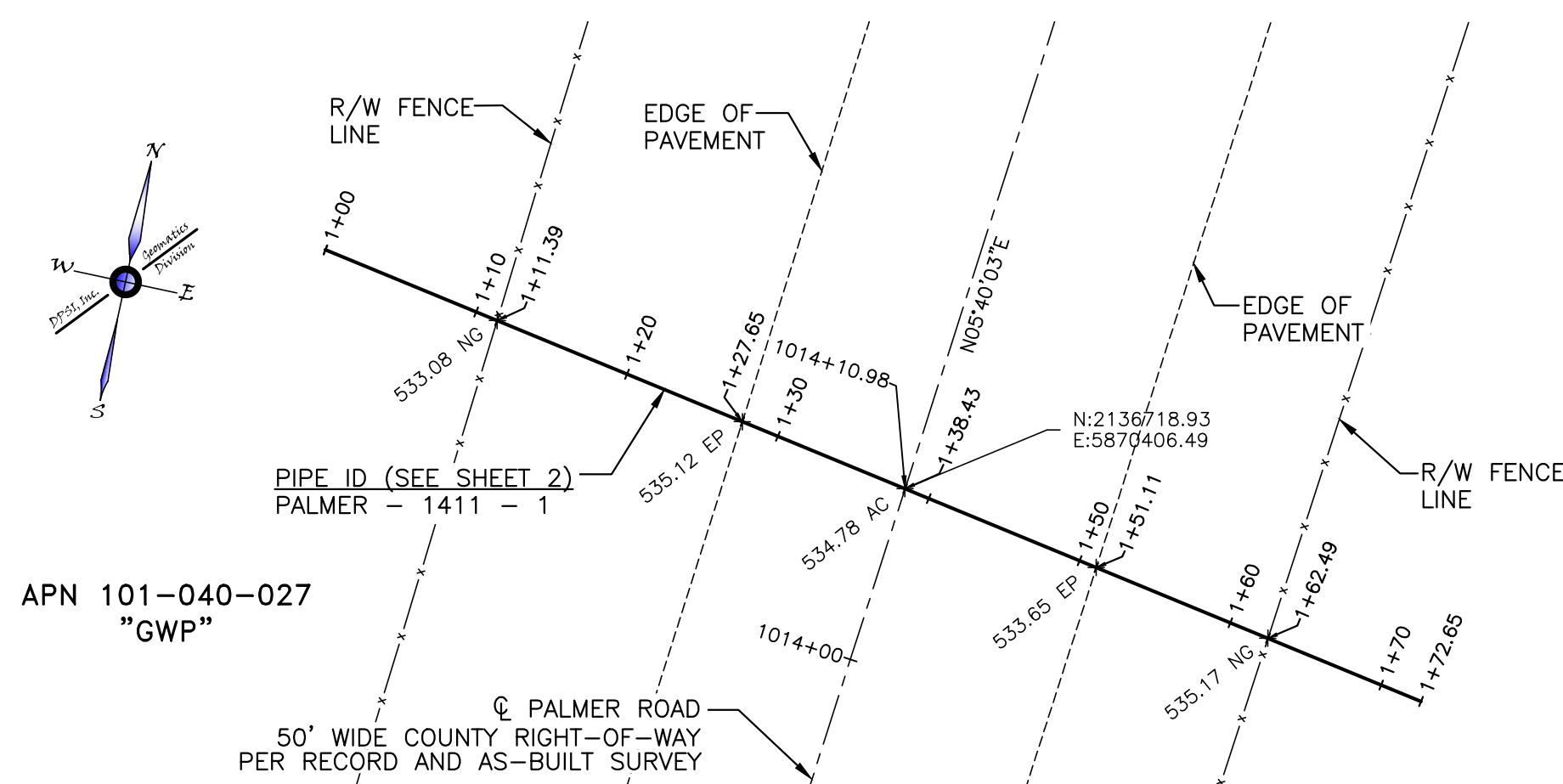


## PROFILE

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'

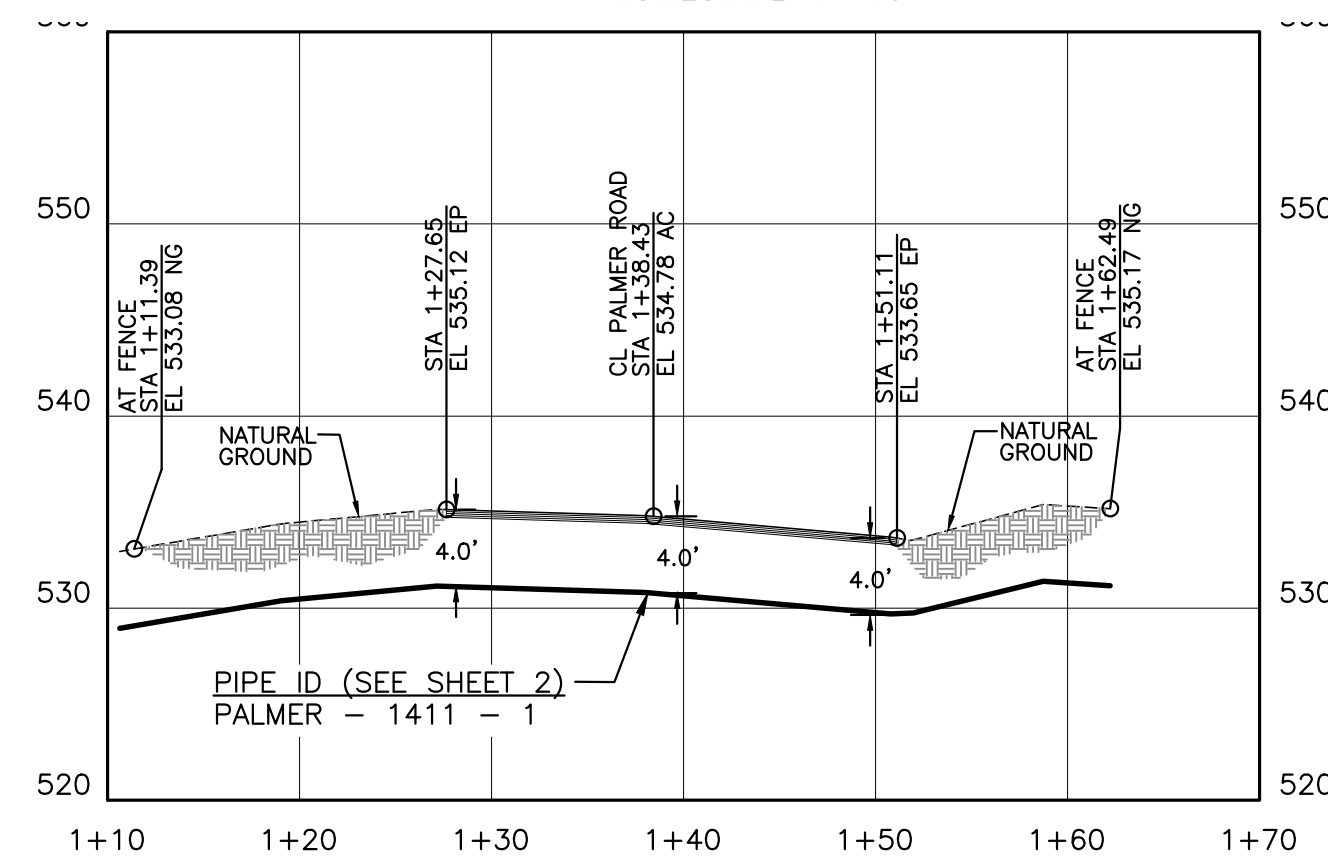
# CROSSING No. 15

APN 101-040-027 "GWP"  
NO CASING VISIBLE



## PLAN

HORIZONTAL: 1"=10'



## PROFILE

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'



10/31/2013

10/31/2013

GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

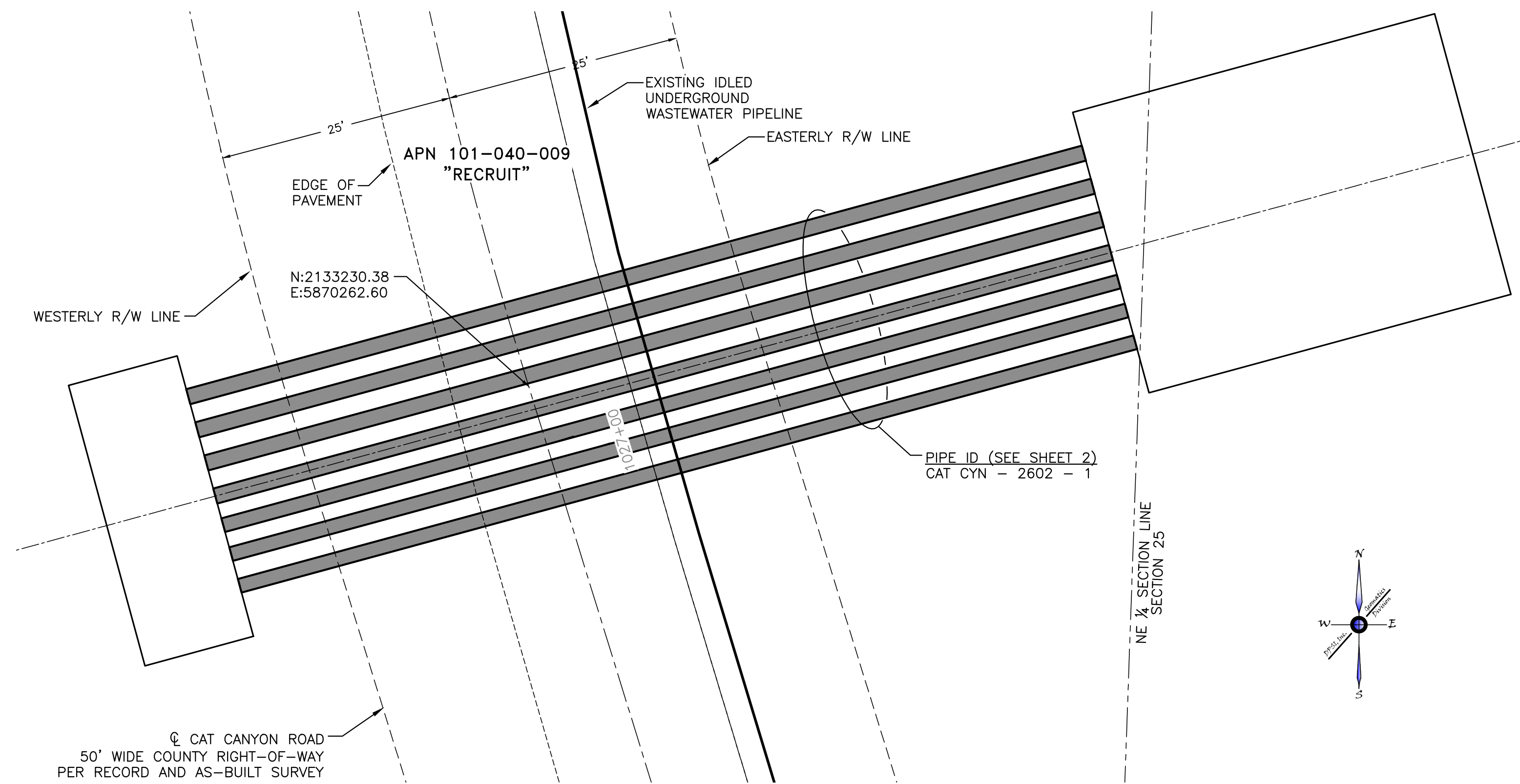
IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD	
ERG RESOURCES, LLC	
PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30-32, T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA	
ENGINEER:	ALBERTO LOPEZ
SURVEYOR:	DALE H. WILHELM
PROJ. MGR:	ALBERTO LOPEZ
COMPILED BY:	GLEN CANTERBERRY
DOCUMENT TYPE:	TOPO SURVEY
DATE:	11/14/2013
SCALE:	1" = 100'
ORIGINAL DWG NO.	
NO.	13 OF 14
CAD FILE NO.	G120828EX0
REV.	4

# CROSSING No. 16

APN 101-040-009 / 010

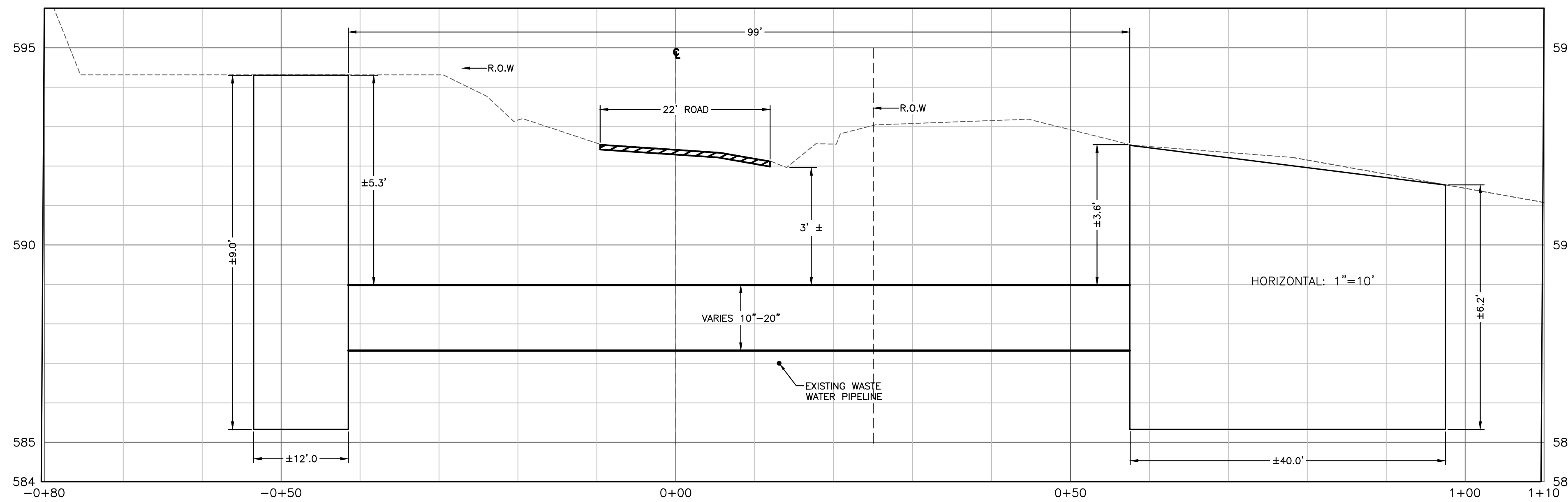
"GWP"

NEW CASING INSTALL



**PLAN**

HORIZONTAL: 1"=10'

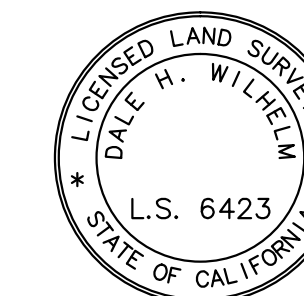


**PROFILE**

VERTICAL: 1"=10'  
HORIZONTAL: 1"=10'



10/31/2013



10/31/2013

GIS-NAD83	GIS-NAD83-CAT CANYON AERIAL IMAGE
G120828PP0	PLAN AND PROFILES
G120828BMO	CAT CANYON ROAD BASE MAP
REFERENCE DRAWINGS	



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PROJECT: G120828

REV	DATE	DESCRIPTION	BY	CKD.	APPR
0	11.28.12	PRELIMINARY/WORK-IN PROGRESS DWGS	GC	AL	AL
1	11.30.12	SENT TO SLO OFFICE FOR REVIEW	GC	AL	AL
2	1.15.13	95% ISSUED FOR REVIEW	DS	AL	AL
3	10.29.13	ASBUILT - REVISED CROSSING 9 & ADDED CROSSING 16	FGIII	AL	AL
4	10.31.13	ASBUILT - ADDED IDLED WASTE WATER NOTE	AW	AL	AL

IDLED WASTE WATER LINE - ASBUILT PLAN - CAT CANYON ROAD  
ERG RESOURCES, LLC  
PORTION OF SECTIONS 24 & 25, T.9N., R.33W. AND SECTIONS 30-32,  
T.9N., R.32W., S.B.M., SANTA BARBARA COUNTY, CALIFORNIA

ENGINEER:	ALBERTO LOPEZ	DATE:	11/14/2013	SCALE:	1" = 100'
SURVEYOR:	DALE H. WILHELM	ORIGINAL DWG NO.			
PROJ. MGR:	ALBERTO LOPEZ	NO. 14 OF 14			
COMPILED BY:	GLEN CANTERBERRY				
DOCUMENT TYPE:	TOPO SURVEY	CAD FILE NO.	G120828EX0	REV.	4