

Snipes-Dye Associates
Palomar College Project
Subsurface Utility Report
July 19, 2018



UNDERGROUND SOLUTIONS



July 19, 2018

Mr. Eduardo Cadena, PE
Snipes-Dye Associates
8348 Center Drive, Suite G
La Mesa, CA 91942-2910

Dear Mr. Cadena:

I would like to take this opportunity to personally thank you for putting your trust in Underground Solutions, Inc. to perform the utility locating on this project. Over the last 13 years USI has prided itself on being the potholing company of choice of our clients, we have a 99% repeat customer base. Your opinion matters to us. We welcome any comments or suggestions that will help us improve our service and keep you coming back.

The following proprietary report details our findings for the pothole locations identified by your company, complete with photographs of individual utilities found during our investigation. Underground Solutions' mission statement has never changed; we strive to provide the most professional and accurate state-of-the-art service. This is achieved by our top of the line equipment and professional field team.

Once again, thank you for this opportunity and we look forward to a continued working relationship with you and your firm!

Sincerely,

Michael E Arme
President
Underground Solutions, Inc.



Your First Choice For Potholing Services

120 N. Andreasen Dr., Escondido, CA 92029 Ph# 760/ 294-9449 Fax# 760/ 294-9490



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POTHOLE SUMMARY SHEET(S)



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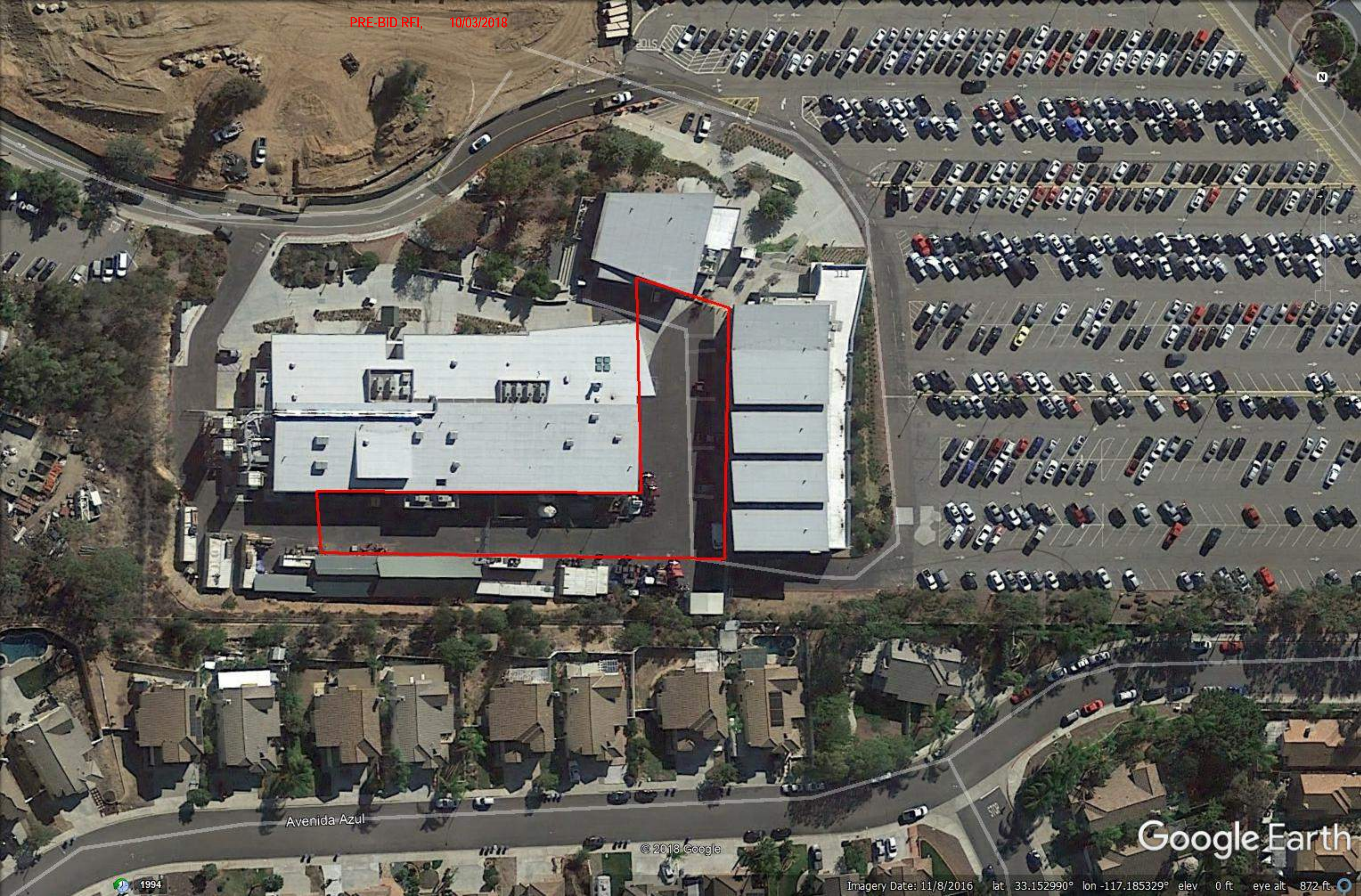
Pothole Summary Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
1		G	2.85	3.01	1.5"	PE	22.20 ft from bldg	E/W
2		SWR	6.05	6.59	6"	PVC	28.40 ft from corner of bldg	E/W
3		Dry Hole	0.00	0.00		N/A		Unknown
4		F/O	3.75	5.01	1.00' wide	ENC	18.10 ft from SD	NE/SW
5		F/O	2.64	3.02	1", 1.5", 2.5"	PVC	10.05 ft from SD grate	NW/SE
6		SD	3.40	4.41	12"	CPVC	15.75 ft from SD grate	E/W
7		E	1.23	0.00	UNK	ENC	14.50 ft from STLT	E/W
7-1		G	1.92	2.04	0.75"	PE	10.00 ft from STLT	N/S
7-1		W	1.91	2.04	0.75"	COPP	9.95 ft from STLT	N/S
7-1		W	1.90	1.97	0.75"	COPP	9.80 ft from STLT	N/S
8		E	1.08	0.00	3.10' wide	ENC	30.20 ft from corner bldg	E/W
8-1		Dry Hole	0.00	0.00		N/A		Unknown



AREA MAP(S) / POTHOLE EXHIBIT



Avenida Azul

© 2018 Google

Google Earth

1994

Imagery Date: 11/8/2016 lat 33.152990° lon -117.185329° elev 0 ft eye alt 872 ft



POTHOLE REPORT



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Subsurface Utility Report

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Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
1		G	2.85	3.01	1.5"	PE	22.20 ft from bldg	E/W

Comments					
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14022	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0	Concrete Depth:	0.45	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
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Date	July 19, 2018

Pothole: 1

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
2		SWR	6.05	6.59	6"	PVC	28.40 ft from corner of bldg	E/W

Comments					
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14028	Log Date:	07/17/2018	Soil Type:	Clay
Asphalt Depth:	0	Concrete Depth:	0.45	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 2

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Subsurface Utility Report

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Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
3		Dry Hole	0.00	0.00		N/A		Unknown

Comments	No utility found to 5.98 ft. PH located 32.00 ft from bldg.				
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14021	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.35	Concrete Depth:	0.85 base	Marker:	Paint

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
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Date	July 19, 2018

Pothole: 3

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Subsurface Utility Report

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Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
4		F/O	3.75	5.01	1.00' wide	ENC	18.10 ft from SD	NE/SW

Comments					
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14028	Log Date:	07/17/2018	Soil Type:	Clay
Asphalt Depth:	0.50	Concrete Depth:	1.10 base	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
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Pothole: 4

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Subsurface Utility Report

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PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
5		F/O	2.64	3.02	1", 1.5", 2.5"	PVC	10.05 ft from SD grate	NW/SE

Comments					
<u>Operator:</u>	Munson, Tyler	<u>Technician:</u>	Iokia III, Samuel	<u>Vehicle:</u>	USI 6
<u>Field Log #:</u>	14028	<u>Log Date:</u>	07/17/2018	<u>Soil Type:</u>	Clay
<u>Asphalt Depth:</u>	0.50	<u>Concrete Depth:</u>	1.10 base	<u>Marker:</u>	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
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Date	July 19, 2018

Pothole: 5

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Subsurface Utility Report

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Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
6		SD	3.40	4.41	12"	CPVC	15.75 ft from SD grate	E/W

Comments					
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14021	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.35	Concrete Depth:	0.85 base	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 6

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Subsurface Utility Report

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Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
7		E	1.23	0.00	UNK	ENC	14.50 ft from STLT	E/W

Comments	* Unable to expose bottom of ENC due to native/rocky soil conditions				
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14023	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.35	Concrete Depth:	0.85 base	Marker:	Paint

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

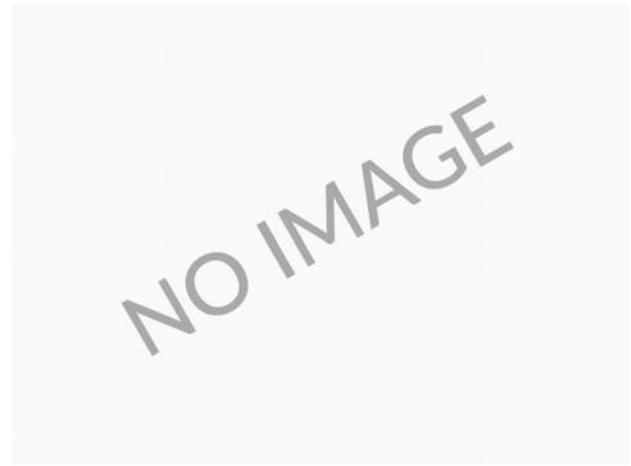
Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 7

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
7-1		G	1.92	2.04	0.75"	PE	10.00 ft from STLT	N/S

Comments					
<u>Operator:</u>	Munson, Tyler	<u>Technician:</u>	Iokia III, Samuel	<u>Vehicle:</u>	USI 6
<u>Field Log #:</u>	14023	<u>Log Date:</u>	07/16/2018	<u>Soil Type:</u>	Clay
<u>Asphalt Depth:</u>	0.35	<u>Concrete Depth:</u>	0.85 base	<u>Marker:</u>	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 7-1

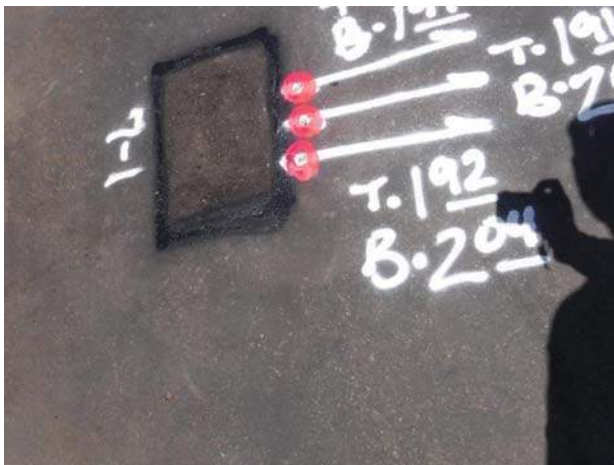
Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
7-1		W	1.91	2.04	0.75"	COPP	9.95 ft from STLT	N/S

Comments					
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14023	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.35	Concrete Depth:	0.85 base	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 7-1

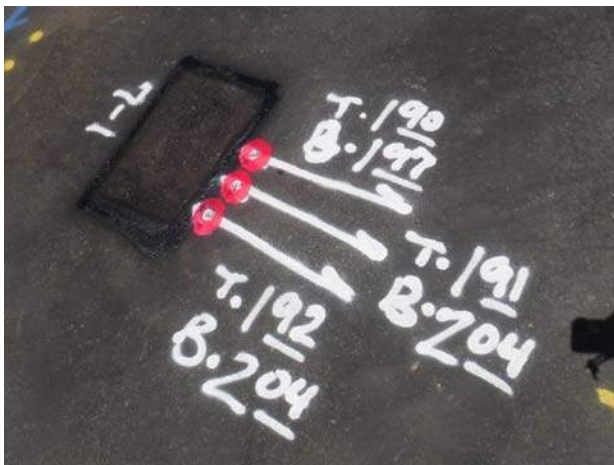
Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
7-1		W	1.90	1.97	0.75"	COPP	9.80 ft from STLT	N/S

Comments					
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14023	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.35	Concrete Depth:	0.85 base	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 7-1

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
8		E	1.08	0.00	3.10' wide	ENC	30.20 ft from corner bldg	E/W

Comments	* Unable to expose bottom of ENC due to native/rocky soil conditions				
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14021	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.35	Concrete Depth:	0.85 base	Marker:	PK Nail

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
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Date	July 19, 2018

Pothole: 8

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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Subsurface Utility Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

PH#	Station	Utility	Top (ft)	Bottom (ft)	Size	Type	Distance From Curb	Direction
8-1		Dry Hole	0.00	0.00		N/A		Unknown

Comments	* Native soil exposed at 0.86- unable to continue dig.				
Operator:	Munson, Tyler	Technician:	Iokia III, Samuel	Vehicle:	USI 6
Field Log #:	14021	Log Date:	07/16/2018	Soil Type:	Clay
Asphalt Depth:	0.50	Concrete Depth:	0	Marker:	Paint

Pre-Excavation Photo



Subsurface Photo



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Subsurface Utility Report

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Project	Palomar College
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Date	July 19, 2018

Pothole: 8-1

Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo



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DATA & PHOTO LOGS

Date: 7-16-2018

Customer: SNIPES DYE

Project Name: PALOMAR COLLEGE

No 14023

Vac Truck #: 06

Technicians: TYLEIZ M. / SAM I.

Location: SAN MARCOS

POT HOLE #	7	Soil Type:	CLAY	Asphalt Depth:	0 35	Concrete Depth:	BASE 0 85	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____
		Marker:	PAINT	Station #	-	Pre-Exc. Photo#	3267	Area Photo#	3149	Comments:
Utility:	E	Material Type:	CONC ENC	Size:	UNK	Utility Direction:	E/W	Distance from Curb:	1450 FROM ST LT	* UNABLE TO EXPOSE BOTTOM OF ENC DUE TO NATIVE SOIL/ROCK CONDITIONS
Top Depth:	1 23	Bottom Depth:	N/A	Subsurface Photo#:	3136	Depth Photo (T) #:	3137	Depth Photo (B) #:	N/A	Finish Photo#:
										Additional Photo#
										-
POT HOLE #	7-1	Soil Type:	CLAY	Asphalt Depth:	0 35	Concrete Depth:	BASE 0 85	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3138	Area Photo#	3153	Comments:
Utility:	G	Material Type:	PE	Size:	3/4"	Utility Direction:	N/S	Distance from Curb:	1000 FROM ST LT	
Top Depth:	1 92	Bottom Depth:	2 04	Subsurface Photo#:	3139	Depth Photo (T) #:	3139 3140	Depth Photo (B) #:	3141	Finish Photo#:
										Additional Photo#
										-
POT HOLE #	7-1	Soil Type:	CLAY	Asphalt Depth:	0 35	Concrete Depth:	BASE 0 85	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3138	Area Photo#	3153	Comments:
Utility:	W	Material Type:	COPP	Size:	3/4"	Utility Direction:	N/S	Distance from Curb:	995 FROM ST LT	
Top Depth:	1 91	Bottom Depth:	2 04	Subsurface Photo#:	3142	Depth Photo (T) #:	3143	Depth Photo (B) #:	3144	Finish Photo#:
										Additional Photo#
										-
POT HOLE #	7-1	Soil Type:	CLAY	Asphalt Depth:	0 35	Concrete Depth:	BASE 0 85	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3138	Area Photo#	3153	Comments:
Utility:	W	Material Type:	COPP	Size:	3/4"	Utility Direction:	N/S	Distance from Curb:	980 FROM ST LT	
Top Depth:	1 90	Bottom Depth:	1 97	Subsurface Photo#:	3145	Depth Photo (T) #:	3146	Depth Photo (B) #:	3147	Finish Photo#:
										Additional Photo#
										-

Date: 7-16-2018

Customer: SNIPE'S DYE

Project Name: PALOMAR COLLEGE

No 14021

Vac Truck #: 06

Technicians: TYLER M. / SAM I.

Location: SAN MARCOS

POT HOLE #	8	Soil Type:	CLAY	Asphalt Depth:	035	Concrete Depth:	BASE 085	Plan Sheet#	-	Slot Trench: Width: 100 x Length 500 x Depth 108			
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3154 3204	Area Photo#	3162	Comments:			
Utility:	E	Material Type:	CONC ENC	Size:	(WIDTH) 310	Utility Direction:	E/W	Distance from Curb:	3020 FROM CORNER OF BLDG	* UNABLE TO EXPOSE BOTTOM DEPTH OF ENC DUE TO NATIVE SOIL CONDITIONS. STOPPED ATTEMPT BY CUSTOMER REQUEST.			
Top Depth:	108	Bottom Depth:	-	Subsurface Photo#:	3155	Depth Photo (T) #:	3156	Depth Photo (B) #:	-	Finish Photo#:	3161	Additional Photo#	3160
POT HOLE #	8-1	Soil Type:	CLAY	Asphalt Depth:	050	Concrete Depth:	-	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____			
		Marker:	PANT	Station #	-	Pre-Exc. Photo#	3205	Area Photo#	3164	Comments:			
Utility:	N/A	Material Type:	-	Size:	-	Utility Direction:	-	Distance from Curb:	3500 FROM CORNER OF BLDG	* NATIVE SOIL CONDITIONS EXPOSED ROCK AT 080 UNABLE TO DIG PAST. (DRY HOLE) NO UTILITY FOUND.			
Top Depth:	080	Bottom Depth:	-	Subsurface Photo#:	3158	Depth Photo (T) #:	3159	Depth Photo (B) #:	-	Finish Photo#:	3163	Additional Photo#	-
POT HOLE #	6	Soil Type:	CLAY	Asphalt Depth:	035	Concrete Depth:	BASE 085	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____			
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3165	Area Photo#	3170	Comments:			
Utility:	SD	Material Type:	CPVC	Size:	12"	Utility Direction:	E/W	Distance from Curb:	1575 FROM SD GATE				
Top Depth:	340	Bottom Depth:	441	Subsurface Photo#:	3166	Depth Photo (T) #:	3167	Depth Photo (B) #:	3168	Finish Photo#:	3169	Additional Photo#	-
POT HOLE #	3	Soil Type:	CLAY	Asphalt Depth:	035	Concrete Depth:	BASE 085	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____			
		Marker:	PAINT	Station #	-	Pre-Exc. Photo#	3206	Area Photo#	3175	Comments:			
Utility:	W	Material Type:	-	Size:	-	Utility Direction:	-	Distance from Curb:	3200 FROM BLDG	* (DRY HOLE) CLEARED TO 598 NO UTILITY FOUND			
Top Depth:	-	Bottom Depth:	598	Subsurface Photo#:	3172	Depth Photo (T) #:	-	Depth Photo (B) #:	3173	Finish Photo#:	3174	Additional Photo#	-



Date: 7-16-2018
 Customer: SNIPES DYE
 Project Name: PALOMAR COLLEGE

No. 14022 Vac Truck #: 06
 Technicians: TYLER M. / SAM I.
 Location: SAN MARCOS

POT HOLE #	1	Soil Type:	CLAY	Asphalt Depth:	N/A	Concrete Depth:	0'45"	Plan Sheet#	-	Slot Trench: Width: _____ x Length _____ x Depth _____	
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3176	Area Photo#	3181	Comments:	
Utility:	G	Material Type:	PE	Size:	1 1/2"	Utility Direction:	E/W	Distance from Curb:	22'20" FROM BLDG		
Top Depth:	2'85"	Bottom Depth:	3'01"	Subsurface Photo#:	3177	Depth Photo (T) #:	3178	Depth Photo (B) #:	3179	Finish Photo#:	3180
										Additional Photo#	-
POT HOLE #		Soil Type:		Asphalt Depth:		Concrete Depth:		Plan Sheet#		Slot Trench: Width: _____ x Length _____ x Depth _____	
		Marker:		Station #		Pre-Exc. Photo#		Area Photo#		Comments:	
Utility:		Material Type:		Size:		Utility Direction:		Distance from Curb:			
Top Depth:		Bottom Depth:		Subsurface Photo#:		Depth Photo (T) #:		Depth Photo (B) #:		Finish Photo#:	
										Additional Photo#	
POT HOLE #		Soil Type:		Asphalt Depth:		Concrete Depth:		Plan Sheet#		Slot Trench: Width: _____ x Length _____ x Depth _____	
		Marker:		Station #		Pre-Exc. Photo#		Area Photo#		Comments:	
Utility:		Material Type:		Size:		Utility Direction:		Distance from Curb:			
Top Depth:		Bottom Depth:		Subsurface Photo#:		Depth Photo (T) #:		Depth Photo (B) #:		Finish Photo#:	
										Additional Photo#	
POT HOLE #		Soil Type:		Asphalt Depth:		Concrete Depth:		Plan Sheet#		Slot Trench: Width: _____ x Length _____ x Depth _____	
		Marker:		Station #		Pre-Exc. Photo#		Area Photo#		Comments:	
Utility:		Material Type:		Size:		Utility Direction:		Distance from Curb:			
Top Depth:		Bottom Depth:		Subsurface Photo#:		Depth Photo (T) #:		Depth Photo (B) #:		Finish Photo#:	
										Additional Photo#	

Date: 7-17-2018

Customer: SNIPES DYE

Project Name: PALOMAR COLLEGE

No 14028

Vac Truck #: 06

Technicians: TYLER M. / SAM I.

Location: SAN MARCOS

POT HOLE #	5	Soil Type:	CLAY	Asphalt Depth:	0.50	Concrete Depth:	BASE 1.10	Plan Sheet#	-	Slot Trench: Width:	1.00	x Length	3.00	x Depth	6.00
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3208	Area Photo#	3189	Comments:					
Utility:	F10	Material Type:	PVC	Size:	1(1") 1(1 1/2") 1(2 1/2")	Utility Direction:	NWSE	Distance from Curb:	10.05	FROM SD GRATE					
Top Depth:	2.64	Bottom Depth:	3.02	Subsurface Photo#:	3185	Depth Photo (T) #:	3186	Depth Photo (B) #:	3187	Finish Photo#:	3188	Additional Photo# -			
POT HOLE #	4	Soil Type:	CLAY	Asphalt Depth:	0.50	Concrete Depth:	BASE 1.10	Plan Sheet#	-	Slot Trench: Width:	1.00	x Length	2.00	x Depth	6.50
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3209	Area Photo#	3201	Comments:					
Utility:	F10	Material Type:	CONC ENC	Size:	WIDTH (1.00)	Utility Direction:	NE/SW	Distance from Curb:	18.10	FROM SD					
Top Depth:	3.75	Bottom Depth:	5.01	Subsurface Photo#:	3193	Depth Photo (T) #:	3194	Depth Photo (B) #:	3195	Finish Photo#:	3200	Additional Photo# -			
POT HOLE #	2	Soil Type:	CLAY	Asphalt Depth:	-	Concrete Depth:	0.45	Plan Sheet#	-	Slot Trench: Width:		x Length		x Depth	
		Marker:	PK	Station #	-	Pre-Exc. Photo#	3196	Area Photo#	3203	Comments:					
Utility:	S	Material Type:	PVC	Size:	6"	Utility Direction:	EW	Distance from Curb:	28.40	FROM CORNER OF BLDG					
Top Depth:	6.05	Bottom Depth:	6.59	Subsurface Photo#:	3197	Depth Photo (T) #:	3198	Depth Photo (B) #:	3199	Finish Photo#:	3202	Additional Photo# -			
POT HOLE #		Soil Type:		Asphalt Depth:		Concrete Depth:		Plan Sheet#		Slot Trench: Width:		x Length		x Depth	
		Marker:		Station #		Pre-Exc. Photo#		Area Photo#		Comments:					
Utility:		Material Type:		Size:		Utility Direction:		Distance from Curb:							
Top Depth:		Bottom Depth:		Subsurface Photo#:		Depth Photo (T) #:		Depth Photo (B) #:		Finish Photo#:		Additional Photo#			



0
PICTURE THUMBNAI



Underground Solutions, Inc.
120 N. Andreasen Dr. Escondido, CA 92029
(760) 294-9449 • Fax (760) 294-9490 • www.usipothole.com

Thumbnail Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 1



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo

Pothole: 2



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo

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Thumbnail Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 3



Pre-Excavation Photo



Subsurface Photo



Bottom Depth Photo



Finish Photo



Area Photo

Pothole: 4



Pre-Excavation Photo



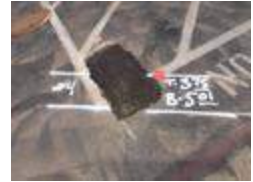
Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo

Pothole: 5



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo

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Thumbnail Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 6



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo

Pothole: 7



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Finish Photo



Additional Photo



Area Photo

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Thumbnail Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 7-1



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Subsurface Photo



Top Depth Photo



Bottom Depth Photo



Finish Photo



Area Photo

Pothole: 8



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Finish Photo



Additional Photo



Area Photo

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Thumbnail Report

Customer	Snipes-Dye Associates
Project	Palomar College
Location	San Marcos, CA
Date	July 19, 2018

Pothole: 8-1



Pre-Excavation Photo



Subsurface Photo



Top Depth Photo



Finish Photo



Area Photo

The data on this report is intended for informational purposes only. In no way should any of the information presented here be a substitute for professional engineering and design.



LEGENDS

 * UTILITY TYPE

* MATERIAL TYPE

Utility Types

AV	Air Vac
B/O	Blow Off
BL	Brine Line
C/O	Clean Out
CATV	Cable Television
CATV/MH	Cable Television Manhole
CHW	Chilled Water
COMM	Communication
DBW	Direct Bury Wire
DRY HOLE	No Utility
E	Electrical
E/MH	Electrical Manhole
F	Fuel
F/O	Fiber Optic
F/O/MH	Fiber Optic Manhole
FH	Fire Hydrant
FM	Force Main
FO	Fuel Oil
G	Gas
HH	Hand Hole
ICV	Irrigation Control Valve
IRR	Irrigation
MH	Manhole
O	Oil
PETRO	Petroleum
RD	Roof Drain
RW	Reclaimed Water
S/MH	Sewer Manhole
SD	Storm Drain
SD/MH	Storm Drain Manhole
STLT	Street Light
SWR	Sewer
T	Telephone
T/MH	Telephone Manhole
T/S	Traffic Signal
UNK	Unknown
VV	Valve Vault
W	Water
WM	Water Meeter
WS	Water Service
WV	Water Valve

Material Types

ABS	Acrylonitrile-Butadiene-Styrene
ACP	Asbestos Cement Pipe
CAP	Corrugated Aluminum Pipe
CIP	Cast Iron Pipe
CIPP	Cast in Place Pipe
CLMP	Concrete Lined Metal Pipe
CMP	Concrete Metal Pipe
COPP	Copper
CPVC	Corrugated PVC
CSP	Corrugated Steel Pipe
DB	Direct Bury
DIP	Ductile Iron Pipe
ENC	Encasement
GIP	Galvanized Iron Pipe
MLC	Mortar Lined Concrete
MTD	Multiple Tile Duct
PE	Poly
PVC	Polyvinyl Chloride
RCP	Reinforced Concrete Pipe
STL	Steel
STLCS	Steel Casing
VALVE	Valve
VCP	Vitrified Clay Pipe
WIRE	Wire
WSTL	Wrapped Steel Pipe

