



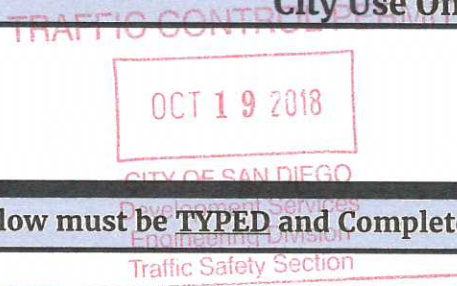
# STREET/SIDEWALK BLOCKAGE FORM

FOR USE BY FRANCHISE UTILITY COMPANIES ONLY - MAY NOT BE SUBMITTED BY CONTRACTOR

E-mail to: [TrafficControlPermit@sandiego.gov](mailto:TrafficControlPermit@sandiego.gov) | Questions? Call 619-446-5150

## City Use Only

City Comments:



APPROVED <input checked="" type="checkbox"/> DENIED <input type="checkbox"/>	Date Reviewed	10/19/2018
Reviewer's Name	RJ on behalf of Mary Rose Santos	
Reviewer's Phone Number	(619) 577-7985	

## Information Below must be TYPED and Completed by Franchise Utility Company Only

Date Submitted	10/18/18					<b>Type of Work</b>			
Utility Company	SDG&E	Contractor	ARB	Lane Closure	1	Street Closure	2	Sidewalk Closure	3
Contact Name	Vinh Hunh	Contact Name	Rod Nelson	Alley Closure	4	Parking Lane	5	Detour	6
Phone Number	(858) 610-1161	Phone Number	(619) 778-2405	Trenching	7	Flagging	8	Bike Lane	9
Email Address	VHuynh@semprautilities.com	Email Address	Rnelson@prim.com						

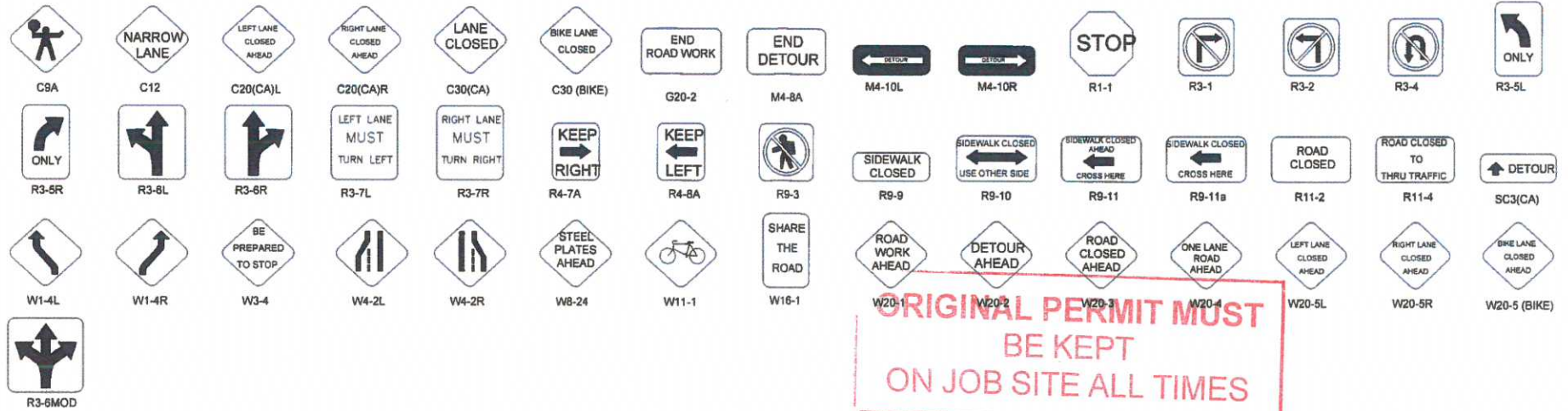
Street Name	From	To	Thomas Bros.	Start Date	End Date	Work Hours	Type of Work
Sample Street	Sample Road	Sample Avenue	1200-A1	xx/xx/xxxx	xx/xx/xxxx	8:30AM - 3:30PM	1,2,3,4,5,6,7,8,9
Pomerado Road	Avenue of Nations	Avenida Magnifica	1209-H5	10/22/2018	11/09/2018	8:30 AM - 1:30 PM	1,8
Avenue of Nations	Novak Way	Aviary Drive	1209-G6	10/22/2018	11/09/2018	8:30 AM - 1:30 PM	8
Scripps Ranch Row	Pomerado Road	Espinosa Sq	1209-H5	10/22/2018	11/09/2018	8:30 AM - 1:30 PM	8
Scripps Ranch Blvd	Pomerado Road	Ironwood Road	1209-H5	10/22/2018	11/09/2018	8:30 AM - 1:30 PM	8
Avenida Magnifica	Mesa Madera Drive	Caminito Calor	1209-J4	10/22/2018	11/09/2018	8:30 AM - 1:30 PM	8

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

Applicant Comments: SX-PQ Final Restoration (asphalt curb, striping, loops): Phases 82-96; Daytime work ONLY 8:30 AM - 1:30 PM >> Place CMS on I-15 NB and SB: "CONSTRUCTION ON POMERADO RD - EXPECT DELAYS" <<	Is this an Extension? <input checked="" type="radio"/> YES <input type="radio"/> NO	Date of previous approval:	09/26/2018
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- Completed **TYPED** form must be submitted a minimum of 2 working days prior to start of work.
  - All plans shall be original, legible, and submitted in PDF format.
- No work on Saturdays, Sundays, and City-Observed Holidays unless authorized by City staff.
- Work affecting traffic signals requires a minimum of 5 working days advance notice - Contact Field Services at: [jvaca@sandiego.gov](mailto:jvaca@sandiego.gov)

**SIGN LEGEND**



ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

APPROACH SPEED (MPH)	MINIMUM DISTANCE (FEET) BETWEEN SIGNS AND FROM LAST SIGN TO TAPER	MINIMUM TAPER LENGTHS (L) (FEET) FOR 12-FOOT LANE			BUFFER LENGTH (FEET)
		L	1/2L	1/3L	
25	100	125	65	45	155
30	250	180	90	60	200
35	250	245	125	85	250
40	250	320	160	110	305
45	350	540	270	180	360
50	350	600	300	200	425
55+	350	660	330	220	495

TAPER	MAX CONE SPACING	
	TANGENT	CONFLICT
25	50	12
30	60	15
35	70	17
40	80	20
45	90	22
50	100	25
55	110	27

**LEGEND**

- APPROXIMATE POTHOLE LOCATION
- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- CONSTRUCTION VEHICLE
- BUS STOP

APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

**UTILITY SURVEYORS, INC.**  
**AIRX**  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 480-2347  
CELL: (760) 419-3738

**Gail McMorrان**  
President

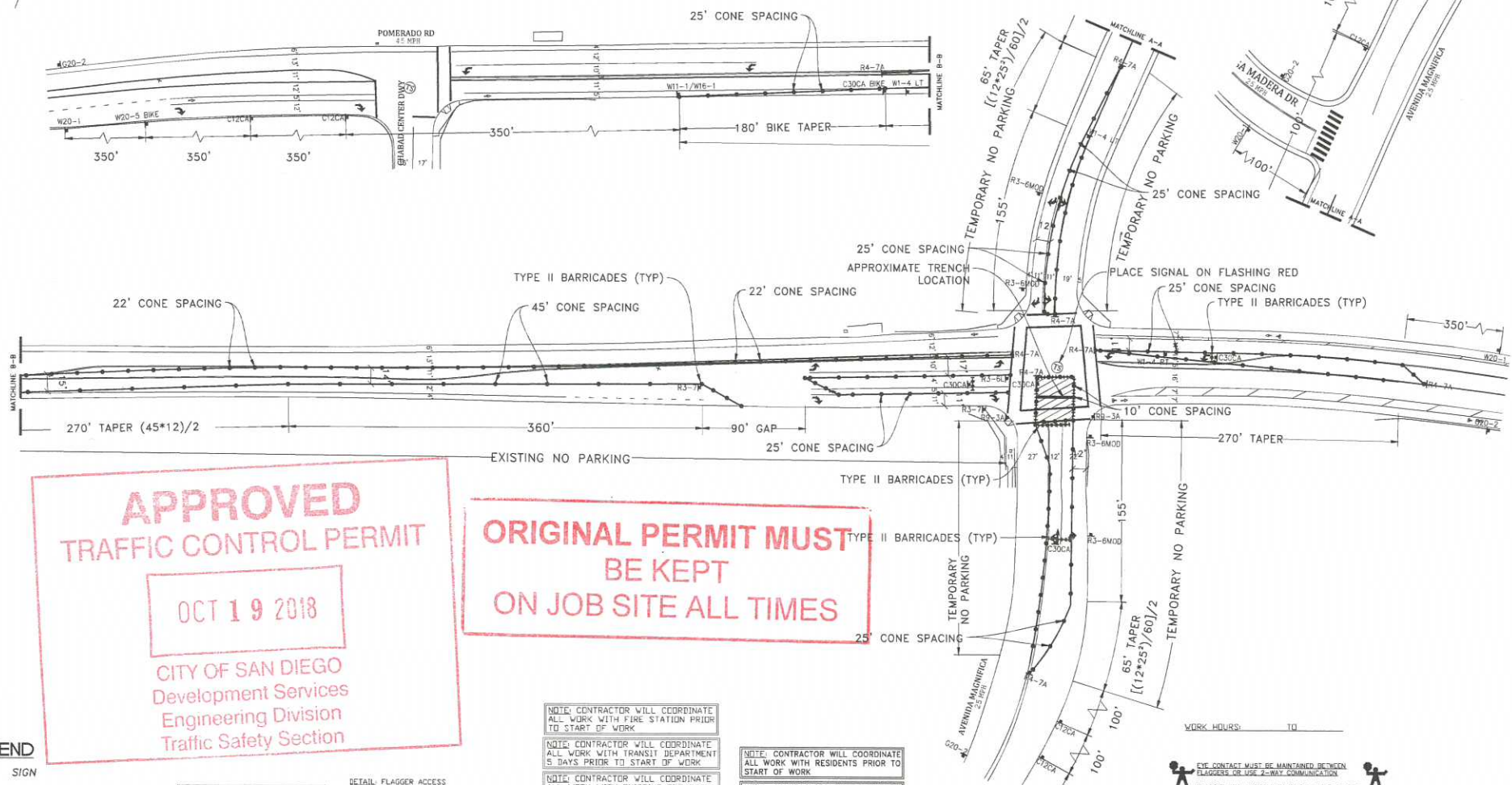
<b>PROJECT NAME:</b> TL23071 - Sycamore Canyon Substation To Penasquitos Substation - 230 KV Underground		<b>DATE:</b> Mar 2, 2017
<b>AIRX JOB#:</b> X160218	<b>THOMAS GRID#:</b> -	<b>DESIGNED BY:</b> Clint Jones
<b>TYPE OF WORK:</b> TRENCHING / CONDUIT		<b>SHEET 1 OF 4</b>
<b>MISC/POTHOLES#:</b>		

**DATE:** Mar 2, 2017

**DESIGNED BY:** Clint Jones

**SHEET 1 OF 4**





APPROVED  
TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

ORIGINAL PERMIT MUST  
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NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

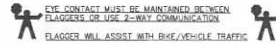
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

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NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



**LEGEND**

- SIGN
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- WORK ZONE
- BUS STOP

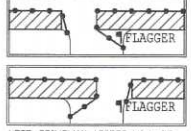
NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-R4 (STEEL PLATES) AHEAD SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

**DETAIL FLAGGER ACCESS**



NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

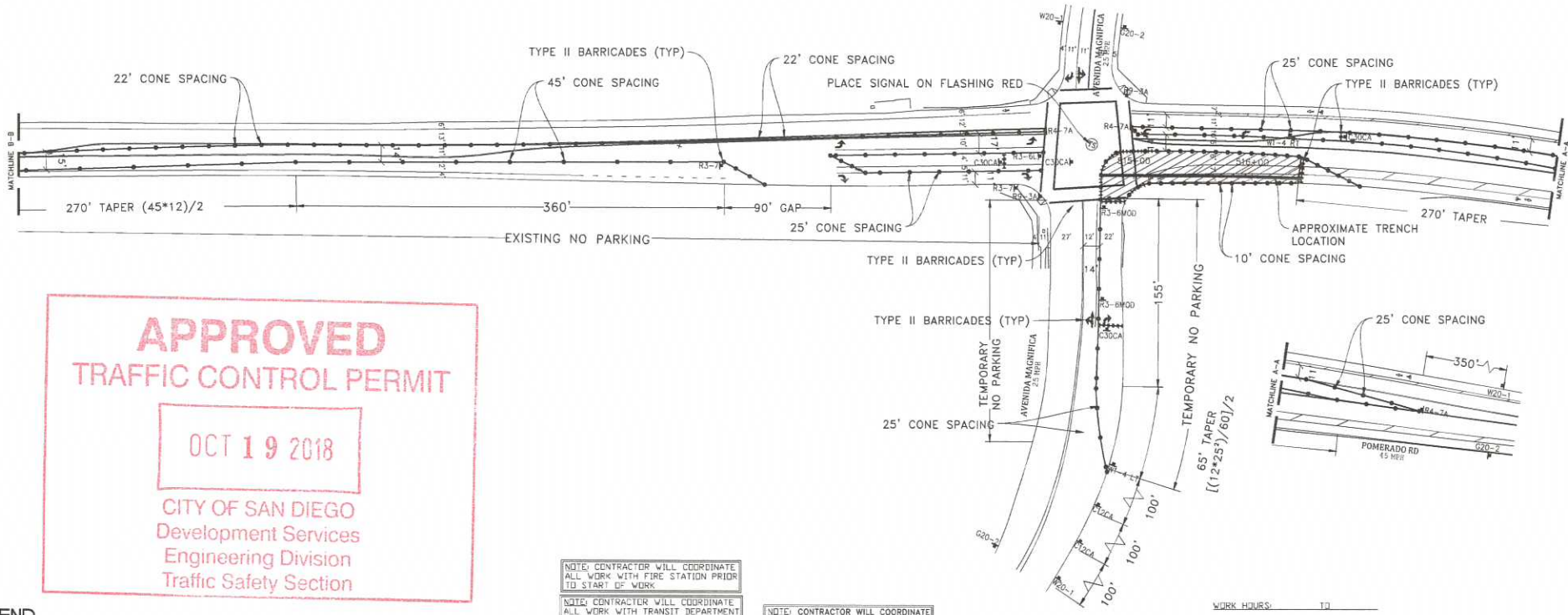
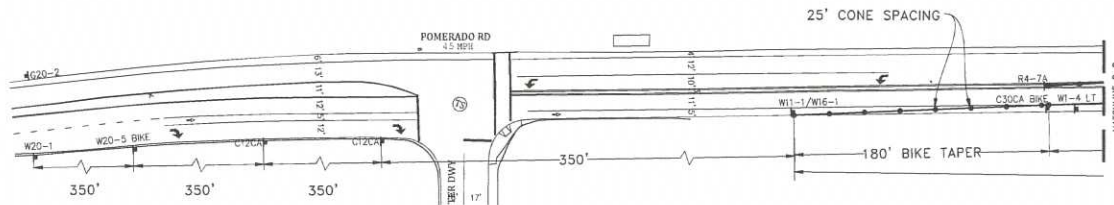
UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorran  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 409-2347  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 15, 2017
AIRX JOB# X160218	THOMAS GRID#:-	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLES#:		SHEET 113 OF 148

PHASE 97



**ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES**



**APPROVED TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK.

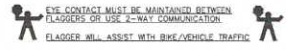
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WORK HOURS: TO



**LEGEND**

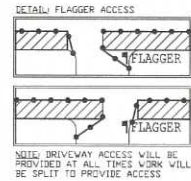
- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

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NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA.

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES.

NOTE: WB-24 STEEL PLATES AHEAD SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK.



UTILITY SURVEYORS, INC.

**AIRX**

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President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 459-2347  
CELL: (760) 419-3736

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X16021B	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

DATE: Apr. 6, 2017
DESIGNED BY: Clint Jones
SHEET 114 OF 148

PHASE 98

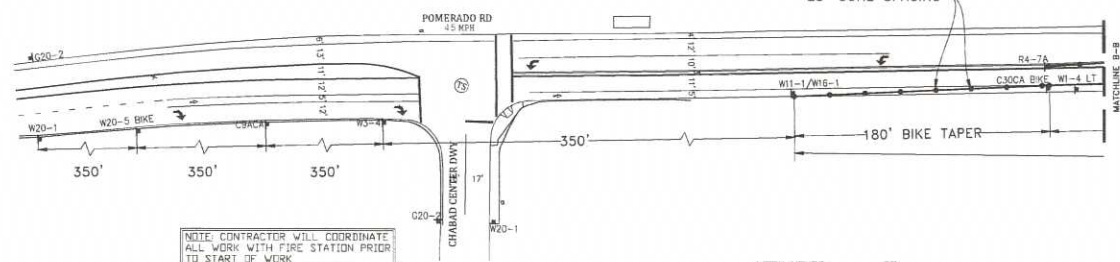
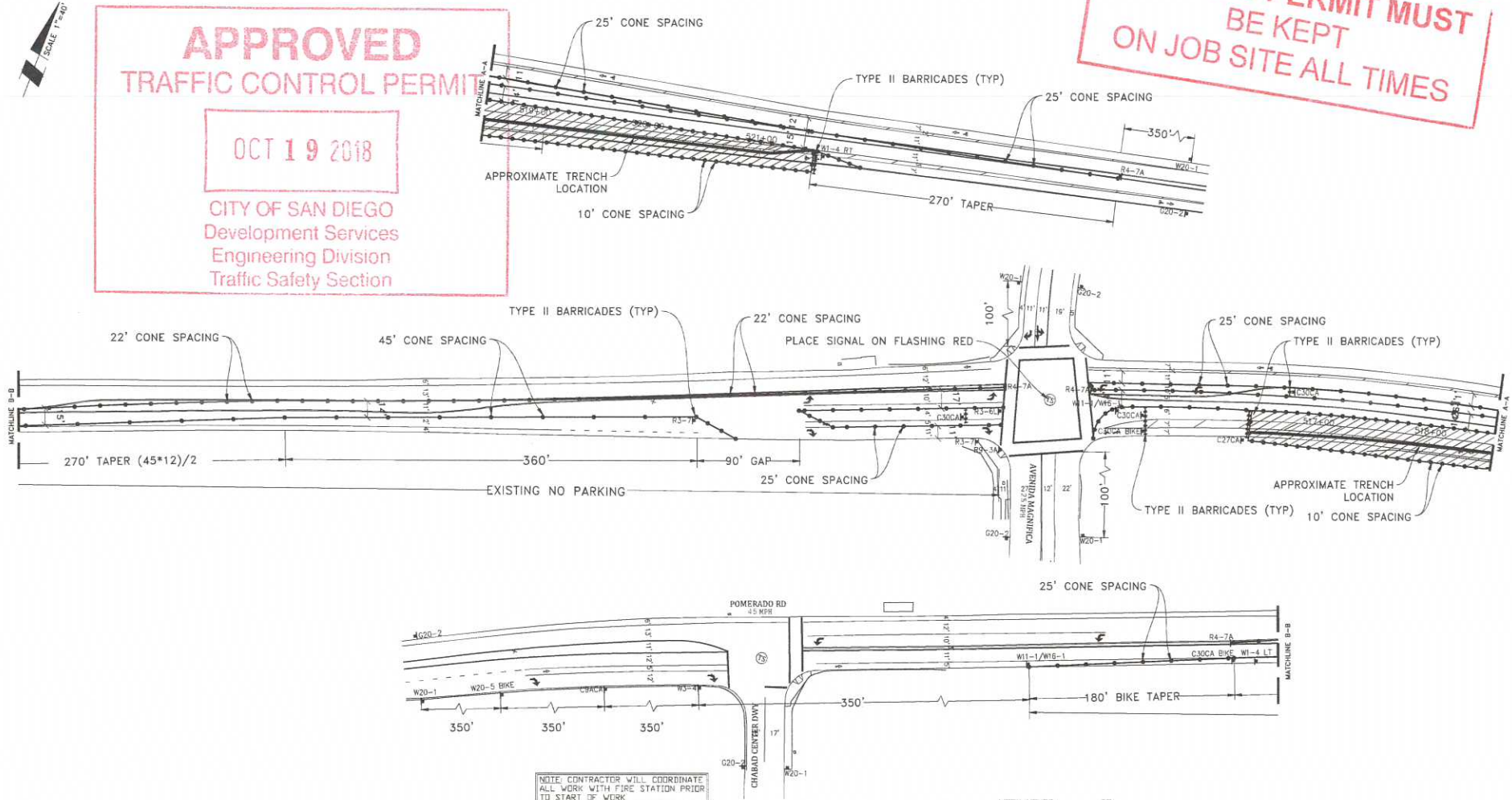


**ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES**

**APPROVED TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section



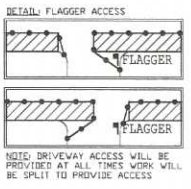
- LEGEND**
- SIGN
  - TRAFFIC CONES / DELINEATOR
  - BARRICADE
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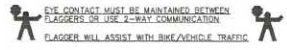
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UTILITY SURVEYORS, INC.

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President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 460-2347  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC/POTHOLE#:	

**PHASE 99**

DATE: Mar. 15, 2017  
DESIGNED BY: Clint Jones  
SHEET 115 OF 148

# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

EYE CONTACT MUST BE MAINTAINED BETWEEN  
FLAGGERS OR TWO-WAY COMMUNICATION  
FLAGGER WILL ASSIST WITH BICYCLE TRAFFIC

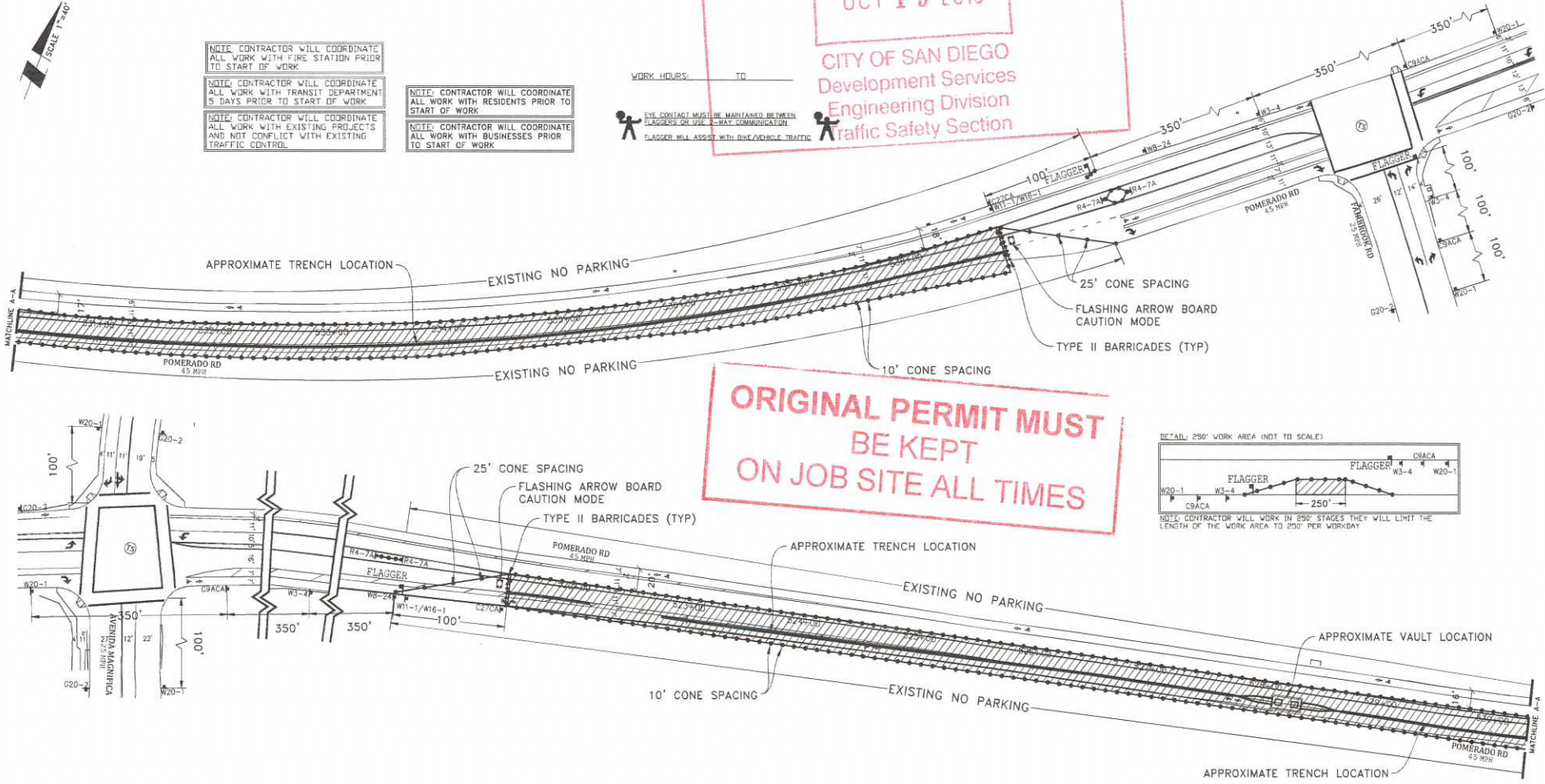
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**ORIGINAL PERMIT MUST  
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NOTE: VAULT INSTALL AND  
TRENCHING WILL BE CONSTRUCTED  
IN SEPARATE PHASES

**LEGEND**

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

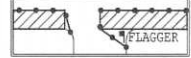
NOTE: FLAGGERS WILL PROVIDE  
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DETAIL: FLAGGER ACCESS



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2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 480-2347  
CELL: (760) 418-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

PHASE 100  
DATE: Mar. 21, 2017  
DESIGNED BY:  
Clint Jones  
SHEET 116 OF 148

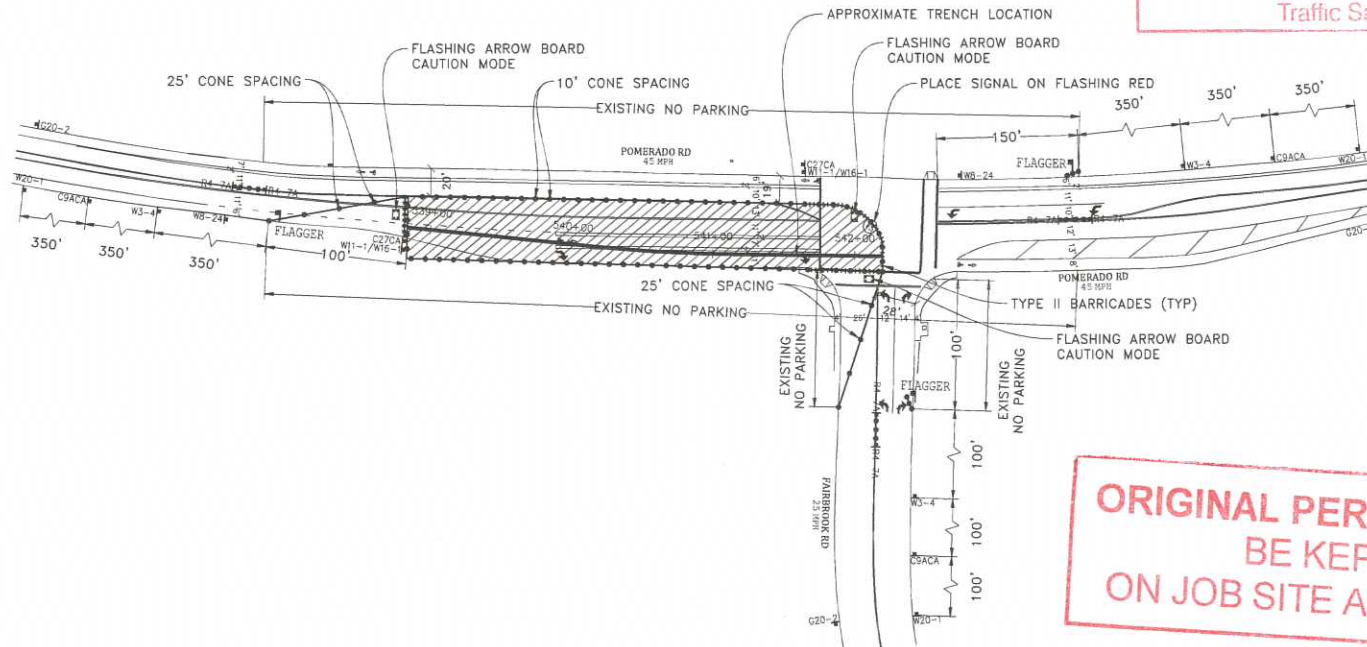




# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section



ORIGINAL PERMIT MUST  
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### LEGEND

-  SIGN
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-  BARRICADE
-  FLAGGER
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-  WORK ZONE
-  BUS STOP

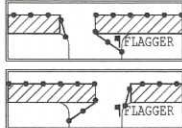
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#### DETAIL: FLAGGER ACCESS



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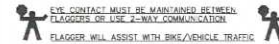
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WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



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2634 EAST EL NORTE PARKWAY, SUITE C  
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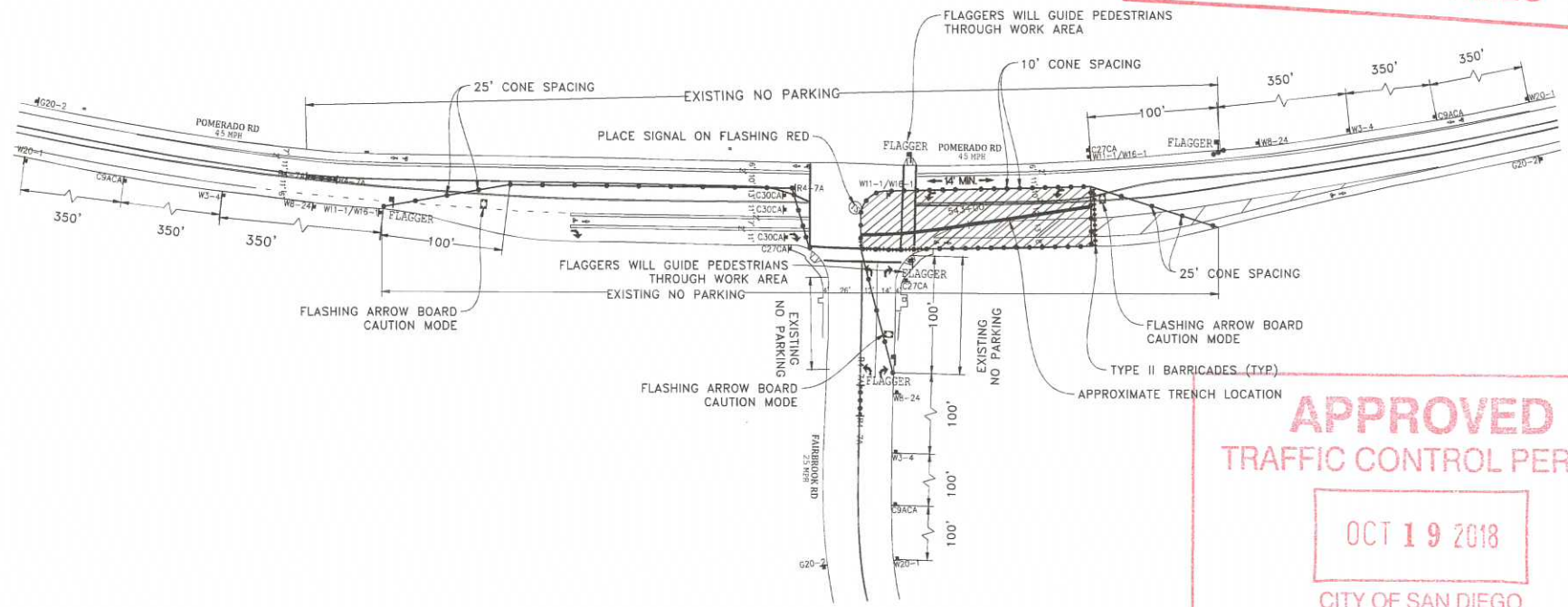
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

PHASE 101

DATE: Mar. 9, 2017
DESIGNED BY: Clint Jones
SHEET 117 OF 148



**ORIGINAL PERMIT MUST  
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**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

**LEGEND**

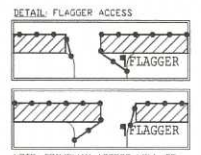
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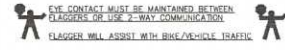
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ESCONDIDO, CA 92027  
PHONE: (760) 440-2347  
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AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

PHASE 102

DATE: Mar. 15, 2017

DESIGNED BY: Clint Jones

SHEET 118 OF 148



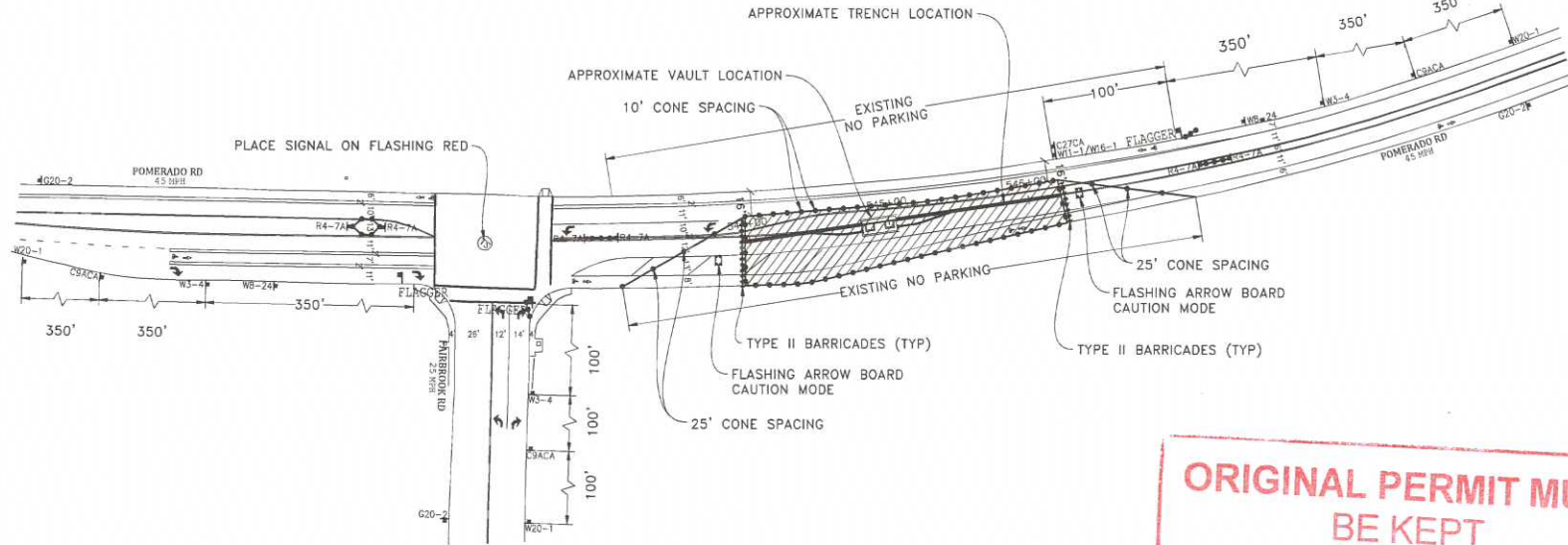


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# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

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**LEGEND**

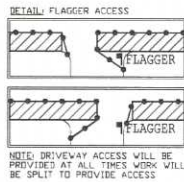
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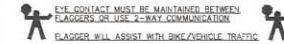
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AIRX JOB#: X16021B	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

PHASE 103

DATE: Mar. 21, 2017  
DESIGNED BY: Clint Jones

SHEET 119 OF 148

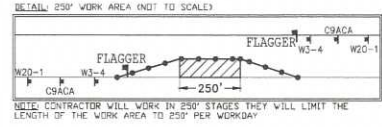
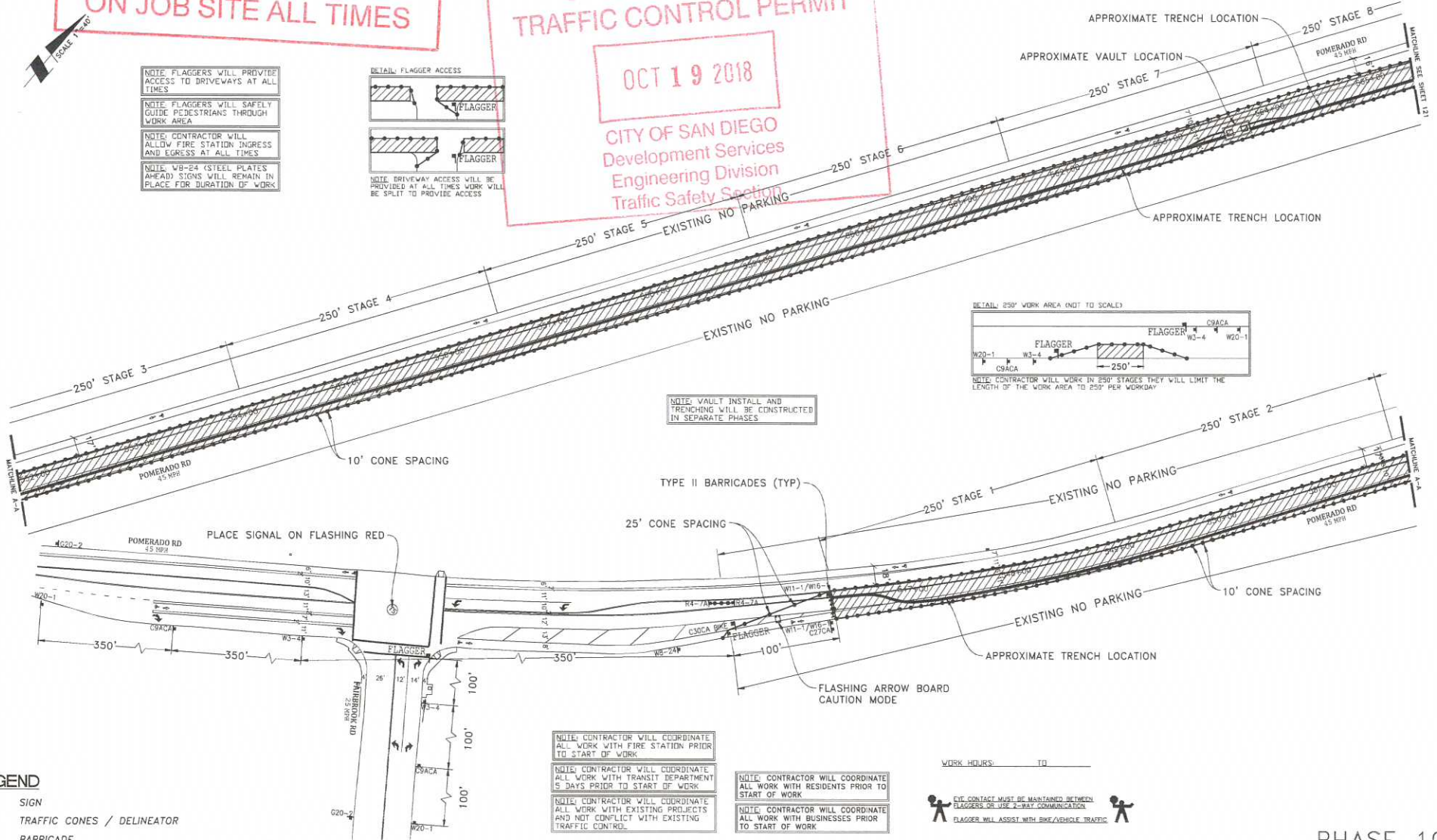
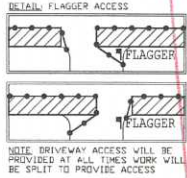
**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**

**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

**CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section**

- NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES
- NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA
- NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES
- NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



- LEGEND**
- SIGN
  - TRAFFIC CONES / DELINEATOR
  - I BARRICADE
  - ⚑ FLAGGER
  - ⚡ FLASHING ARROW SIGN
  - ▨ WORK ZONE
  - 🚌 BUS STOP

UTILITY SURVEYORS, INC.

**AIRX**

Gail McMorran  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 455-2347  
CELL: (760) 419-3735

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

**PHASE 104**

DATE: Mar. 21, 2017

DESIGNED BY:  
Clint Jones

SHEET 120 OF 148





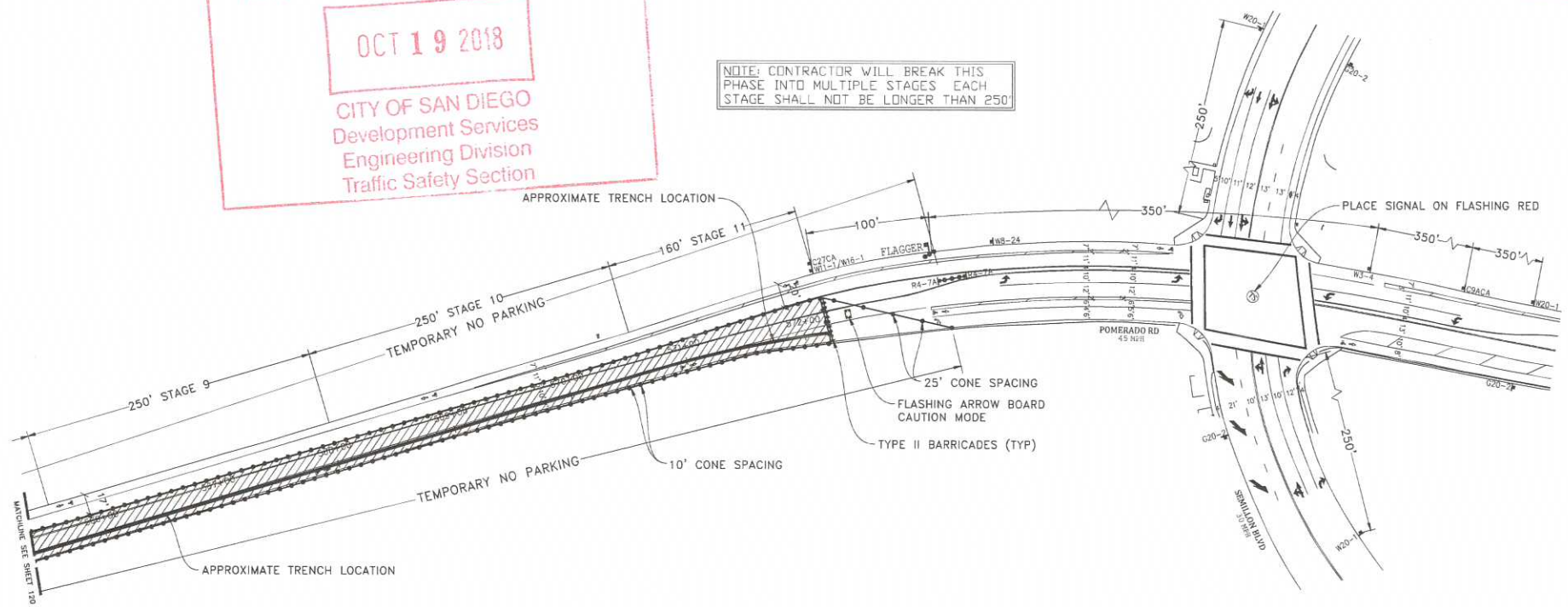
**APPROVED**  
**TRAFFIC CONTROL PERMIT**

OCT 19 2018

CITY OF SAN DIEGO  
 Development Services  
 Engineering Division  
 Traffic Safety Section

**ORIGINAL PERMIT MUST  
 BE KEPT  
 ON JOB SITE ALL TIMES**

NOTE: CONTRACTOR WILL BREAK THIS PHASE INTO MULTIPLE STAGES EACH STAGE SHALL NOT BE LONGER THAN 250'



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

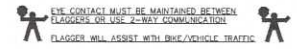
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL








NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

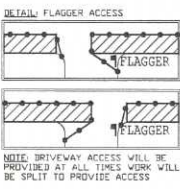
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



**LEGEND**

-  SIGN
  -  TRAFFIC CONES / DELINEATOR
  -  BARRICADE
  -  FLAGGER
  -  FLASHING ARROW SIGN
  -  WORK ZONE
  -  BUS STOP
- NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES
- NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA
- NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES
- NOTE: WB-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



UTILITY SURVEYORS, INC.

AIRX

2534 EAST EL NORTE PARKWAY, SUITE C  
 ESCONDIDO, CA 92027  
 PHONE: (951) 450-2247  
 CELL: (760) 418-3738

Gail McMorran  
 President

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 15, 2017
AIRX JOB#: X160218	THOMAS GRID# 1-	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLES#:		SHEET 121 OF 148

PHASE 104 (CONT)

# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES

SCALE 1"=40'

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

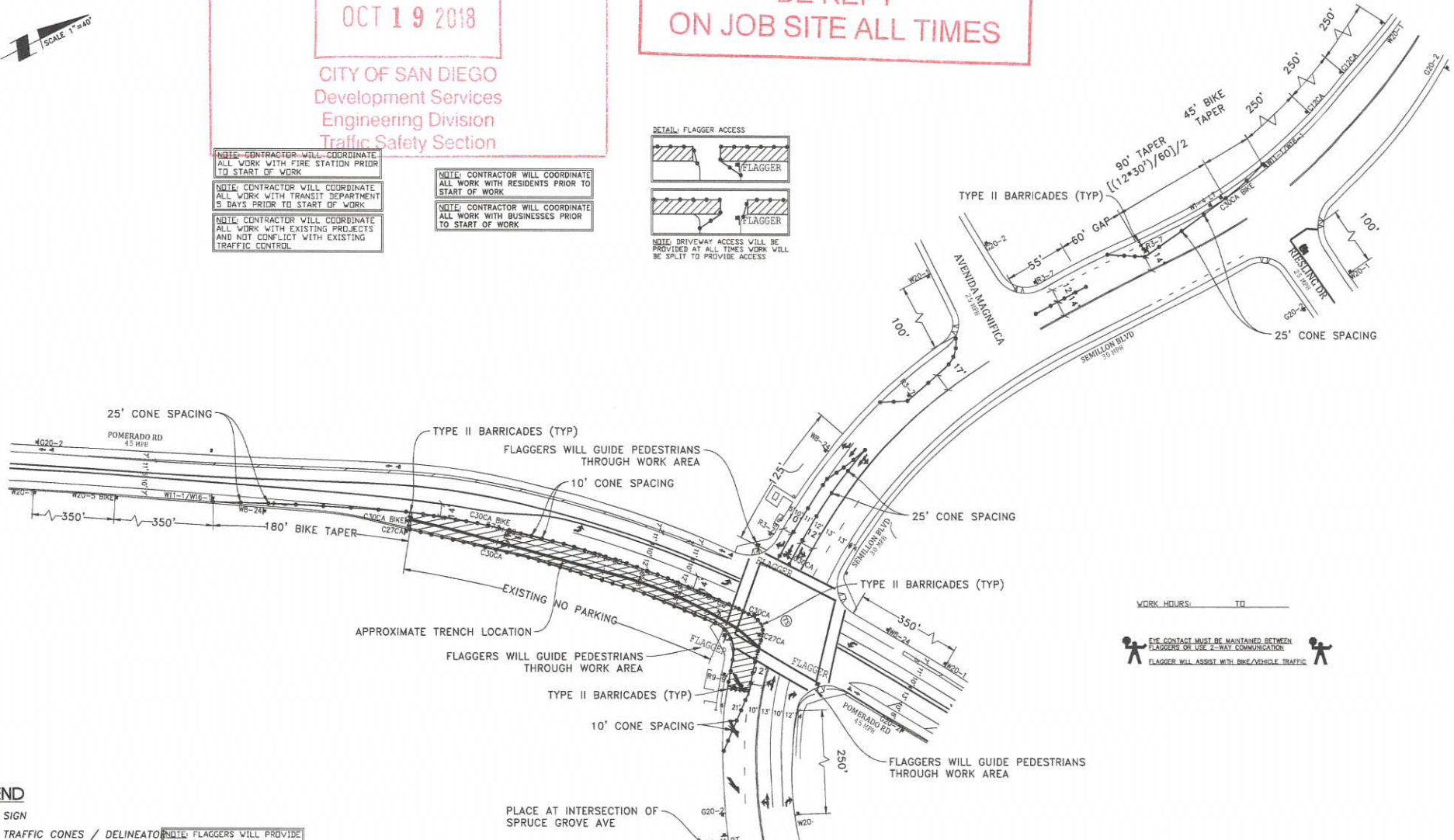
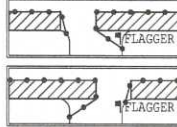
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

DETAIL: FLAGGER ACCESS



WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

⚠️ EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION. FLAGGER WILL ASSIST WITH BIKER/VEHICLE TRAFFIC. ⚠️

## LEGEND

- 🚧 SIGN
- TRAFFIC CONES / DELINEATOR
- ⚡ BARRICADE
- 🚧 FLAGGER
- ⚡ FLASHING ARROW SIGN
- ▨ WORK ZONE
- 🚌 BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: WB-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorran  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 459-2347  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND

AIRX JOB# X160218

THOMAS GRID#:-

TYPE OF WORK: TRENCHING / CONDUIT

DRAWN FOR: CALTRANS

MISC./POTHOLE#:

PHASE 105

DATE: Mar. 15, 2017

DESIGNED BY:  
Clint Jones

SHEET 122 OF 148

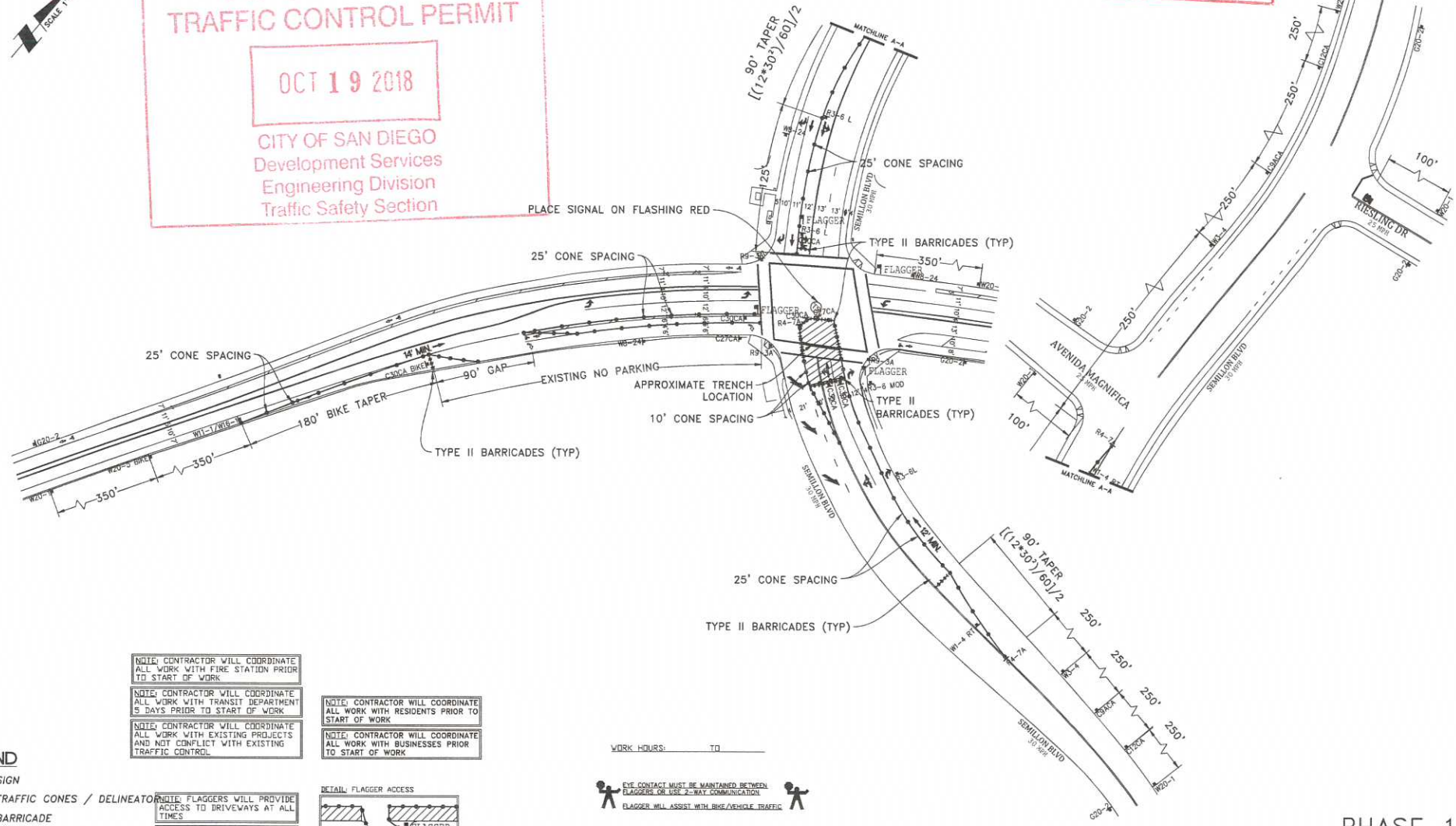


**ORIGINAL PERMIT MUST  
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**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

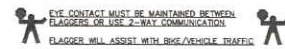
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



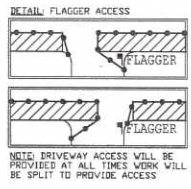
- LEGEND**
- SIGN
  - TRAFFIC CONES / DELINEATOR
  - BARRICADE
  - FLAGGER
  - FLASHING ARROW SIGN
  - WORK ZONE
  - BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



UTILITY SURVEYORS, INC.

**AIRX**

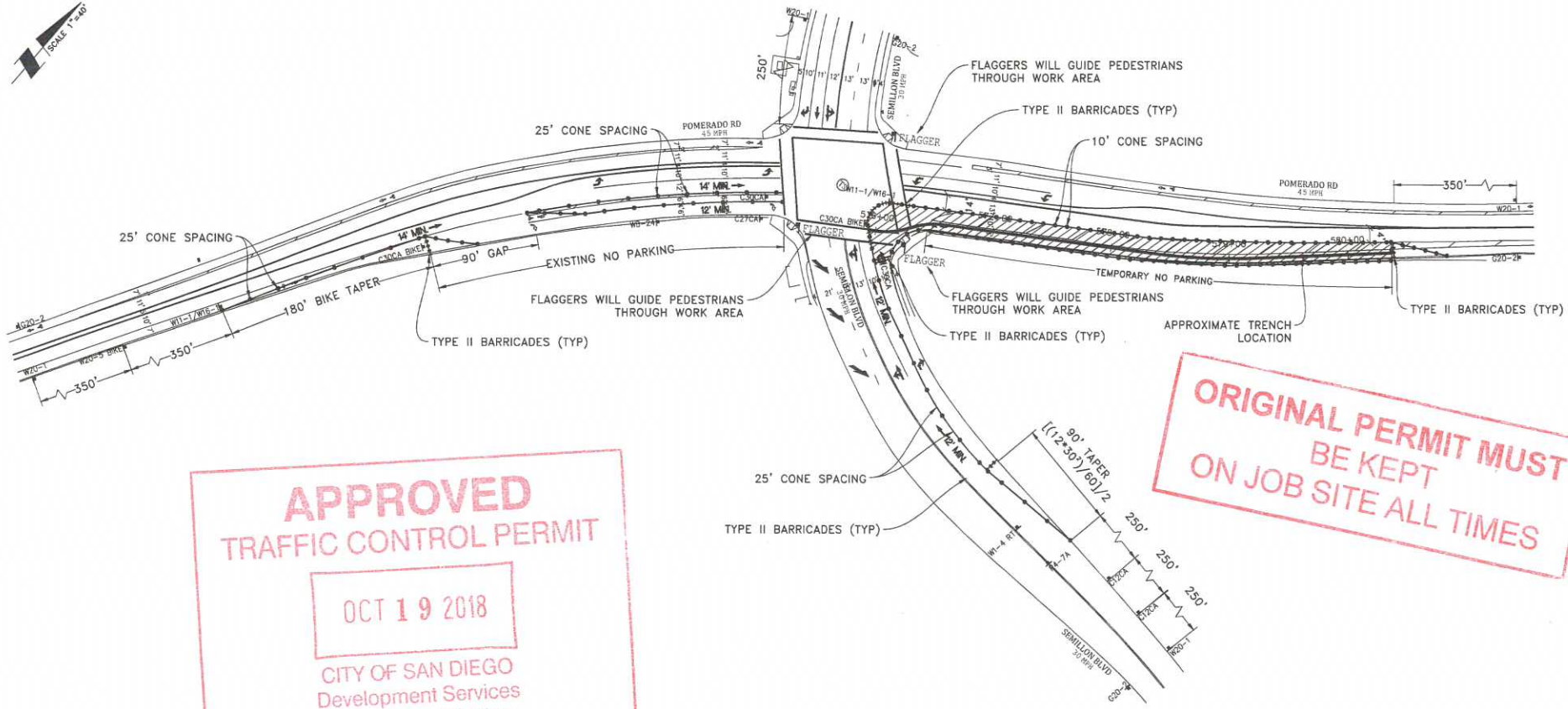
Gail McMorran  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 455-2547  
CELL: (760) 418-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

**PHASE 106**

DATE: Mar. 23, 2017  
DESIGNED BY: Clint Jones  
SHEET 123 OF 148










**APPROVED**  
**TRAFFIC CONTROL PERMIT**

OCT 19 2018

CITY OF SAN DIEGO  
 Development Services  
 Engineering Division  
 Traffic Safety Section

ORIGINAL PERMIT MUST  
 BE KEPT  
 ON JOB SITE ALL TIMES

**LEGEND**

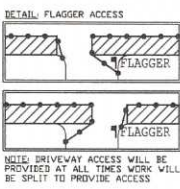
-  SIGN
-  TRAFFIC CONES / DELINEATOR
-  BARRICADE
-  FLAGGER
-  FLASHING ARROW SIGN
-  WORK ZONE
-  BUS STOP

**NOTE:** FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

**NOTE:** FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

**NOTE:** CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

**NOTE:** WB-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



**NOTE:** CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

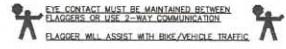
**NOTE:** CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

**NOTE:** CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

**NOTE:** CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

**NOTE:** CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



UTILITY SURVEYORS, INC.

AIRX

Gail McMorran  
 President

2534 EAST EL NORTE PARKWAY, SUITE C  
 ESCONDIDO, CA 92027  
 PHONE: (760) 480-2347  
 CELL: (760) 418-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC/POTHOLE#:	

PHASE 107

DATE: Mar. 23, 2017  
 DESIGNED BY:  
 Clint Jones

SHEET 124 OF 148

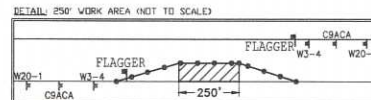
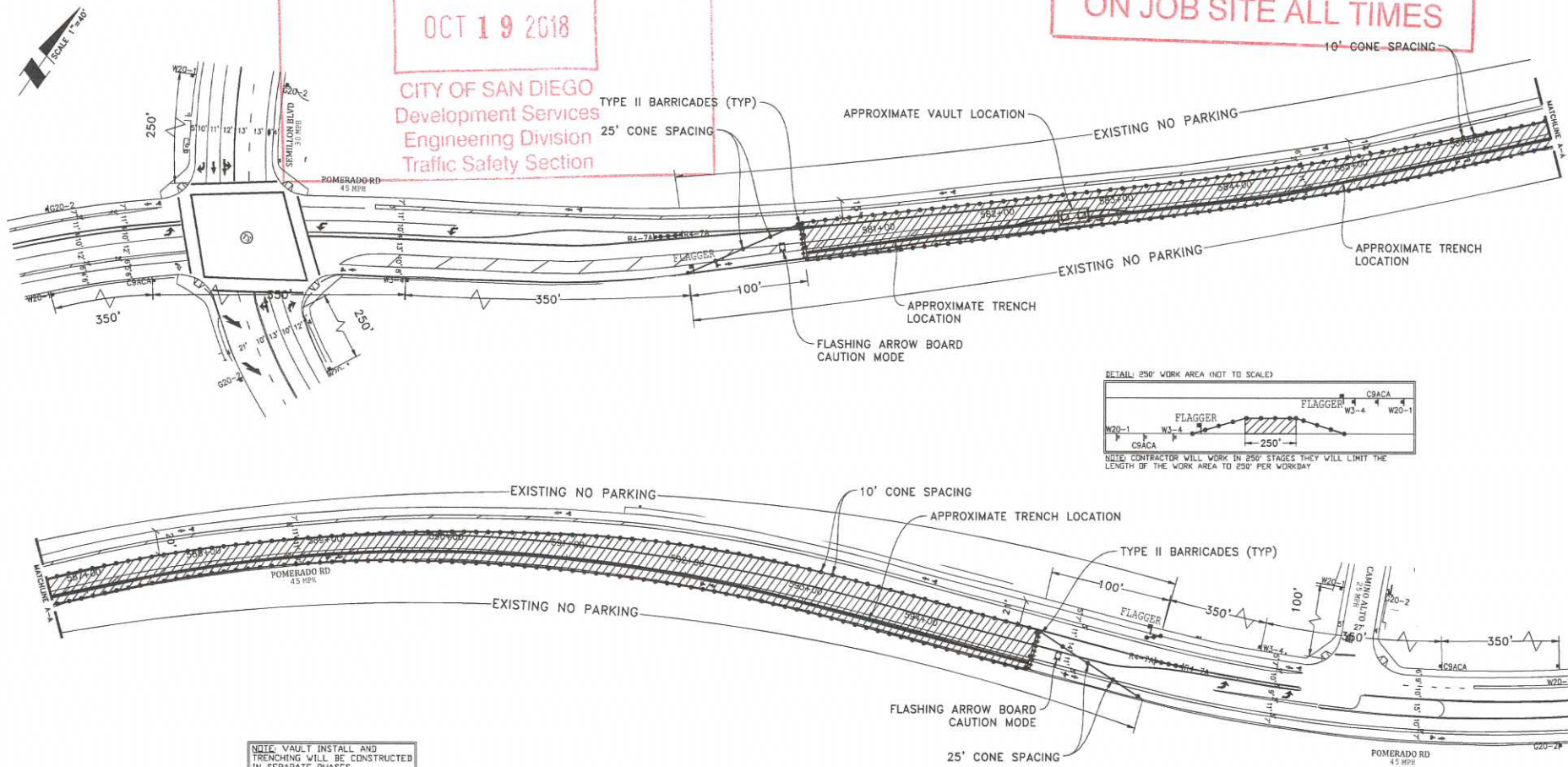


# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES



NOTE: CONTRACTOR WILL WORK IN 250' STAGES THEY WILL LIMIT THE LENGTH OF THE WORK AREA TO 250' PER WORKDAY

NOTE: VAULT INSTALL AND TRENCHING WILL BE CONSTRUCTED IN SEPARATE PHASES

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

NOTE: EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION  
FLAGGER WILL ASSIST WITH BIKE/VEHICLE TRAFFIC

## LEGEND

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

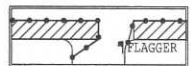
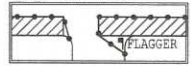
NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-B4 STEEL PLATES AHEAD SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

### DETAIL: FLAGGER ACCESS



NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorran  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 490-2547  
CELL: (760) 418-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

PHASE 108

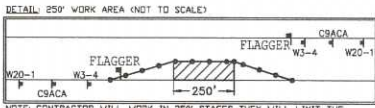
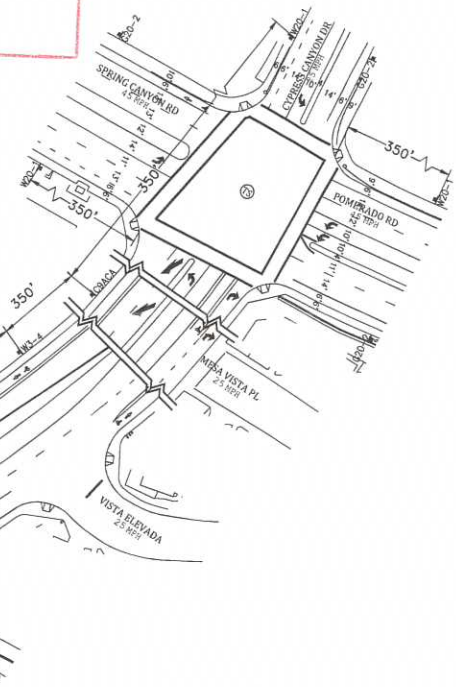
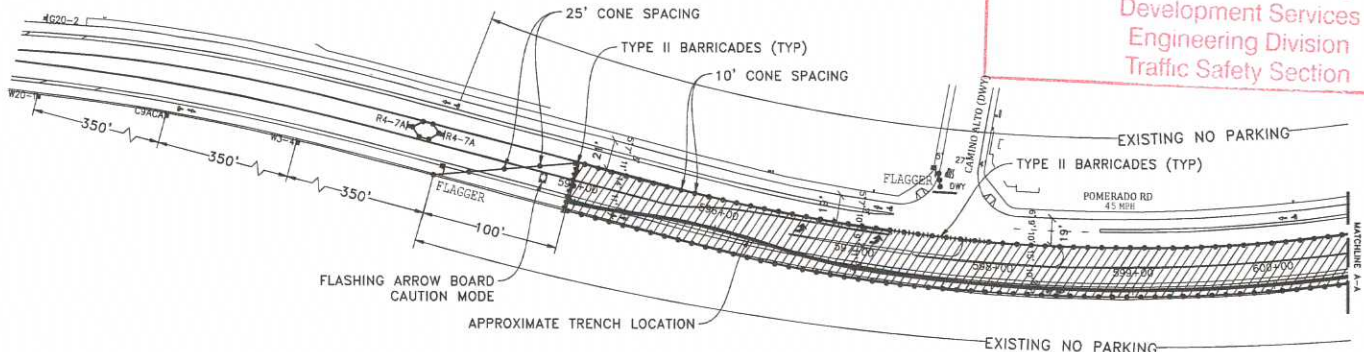
DATE: Mar. 24, 2017
DESIGNED BY: Clint Jones
SHEET 125 OF 148

**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**

**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

**CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section**



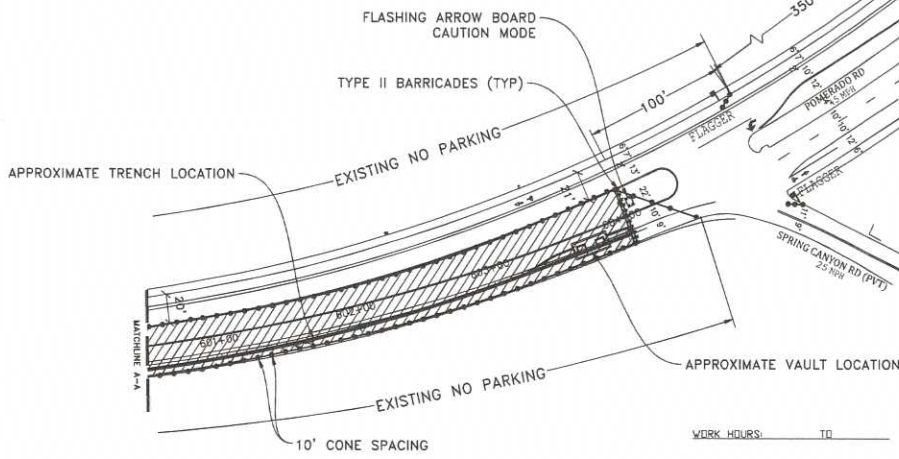
NOTE: CONTRACTOR WILL WORK IN 250' STAGES THEY WILL LIMIT THE LENGTH OF THE WORK AREA TO 250' PER WORKDAY

NOTE: VAULT INSTALL AND TRENCHING WILL BE CONSTRUCTED IN SEPARATE PHASES

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL



WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

**LEGEND**

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

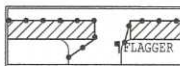
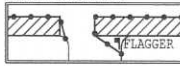
NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: WB-24 (STEEL PLATES) AHEAD SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

**DETAIL: FLAGGER ACCESS**



NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION  
 FLAGGER WILL ASSIST WITH REF/VEHICLE TRAFFIC

UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorran  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 455-2547  
CELL: (760) 419-3728

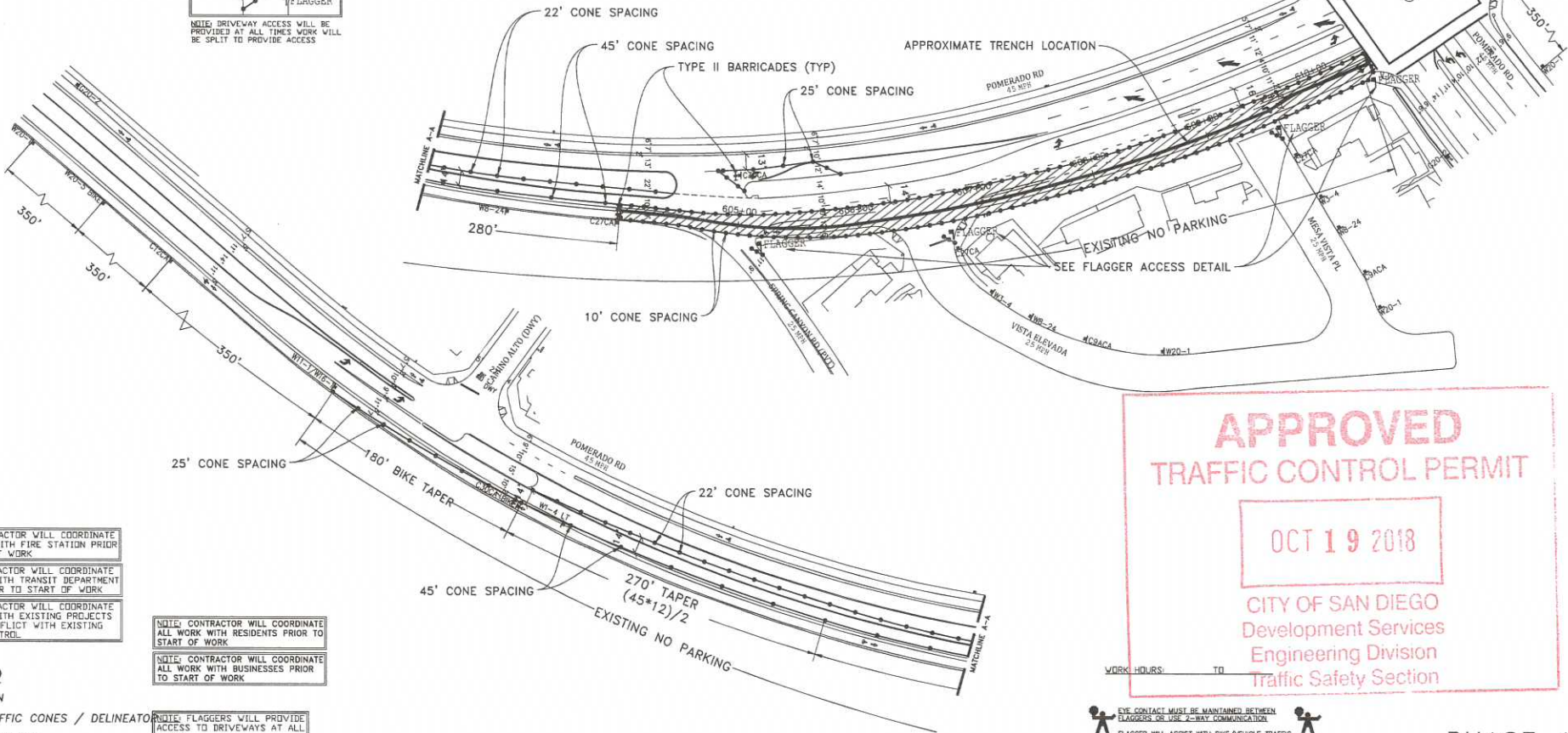
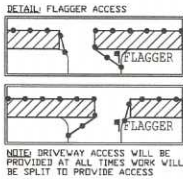
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK/TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

**PHASE 109**  
DATE: Mar. 23, 2017  
DESIGNED BY: Clint Jones  
SHEET 126 OF 148





ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK.

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK.

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL.

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK.

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NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES.

NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK.

**LEGEND**

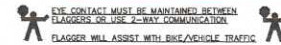
- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

APPROVED  
TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



PHASE 110

UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorran  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 480-2347  
CELL: (760) 418-3198

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

DATE: Mar. 24, 2017  
DESIGNED BY:  
Clint Jones

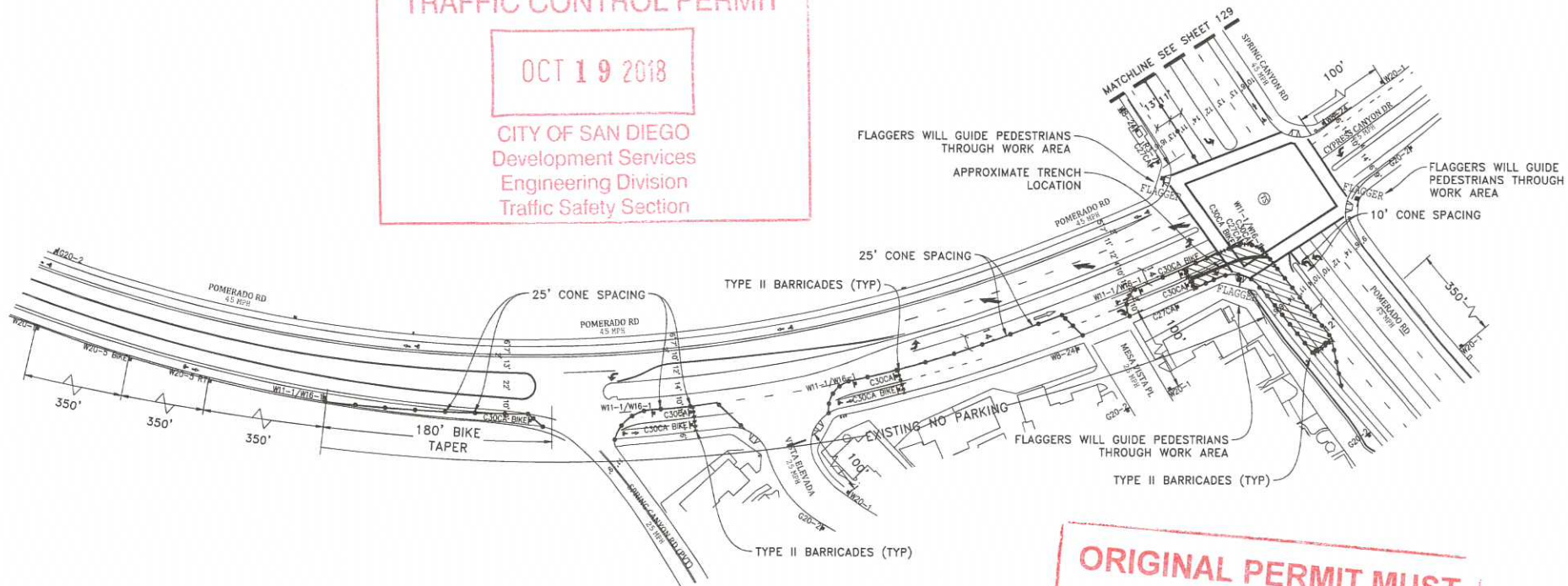
SHEET 127 OF 148



# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section



ORIGINAL PERMIT MUST  
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ON JOB SITE ALL TIMES

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

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NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-24 STEEL PLATES AND/OR SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

DETAIL: FLAGGER ACCESS

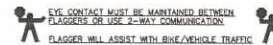


NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

**LEGEND**

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



UTILITY SURVEYORS, INC.  
**AIRX**  
2504 EAST EL NORTE PARKWAY, SUITE C  
BROOKHOLM, GA 30087  
PHONE: (770) 480-2247  
CELL: (760) 419-3738

Gail McMorran  
President

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

PHASE 111

DATE: Mar. 24, 2017
DESIGNED BY: Clint Jones
SHEET 128 OF 148



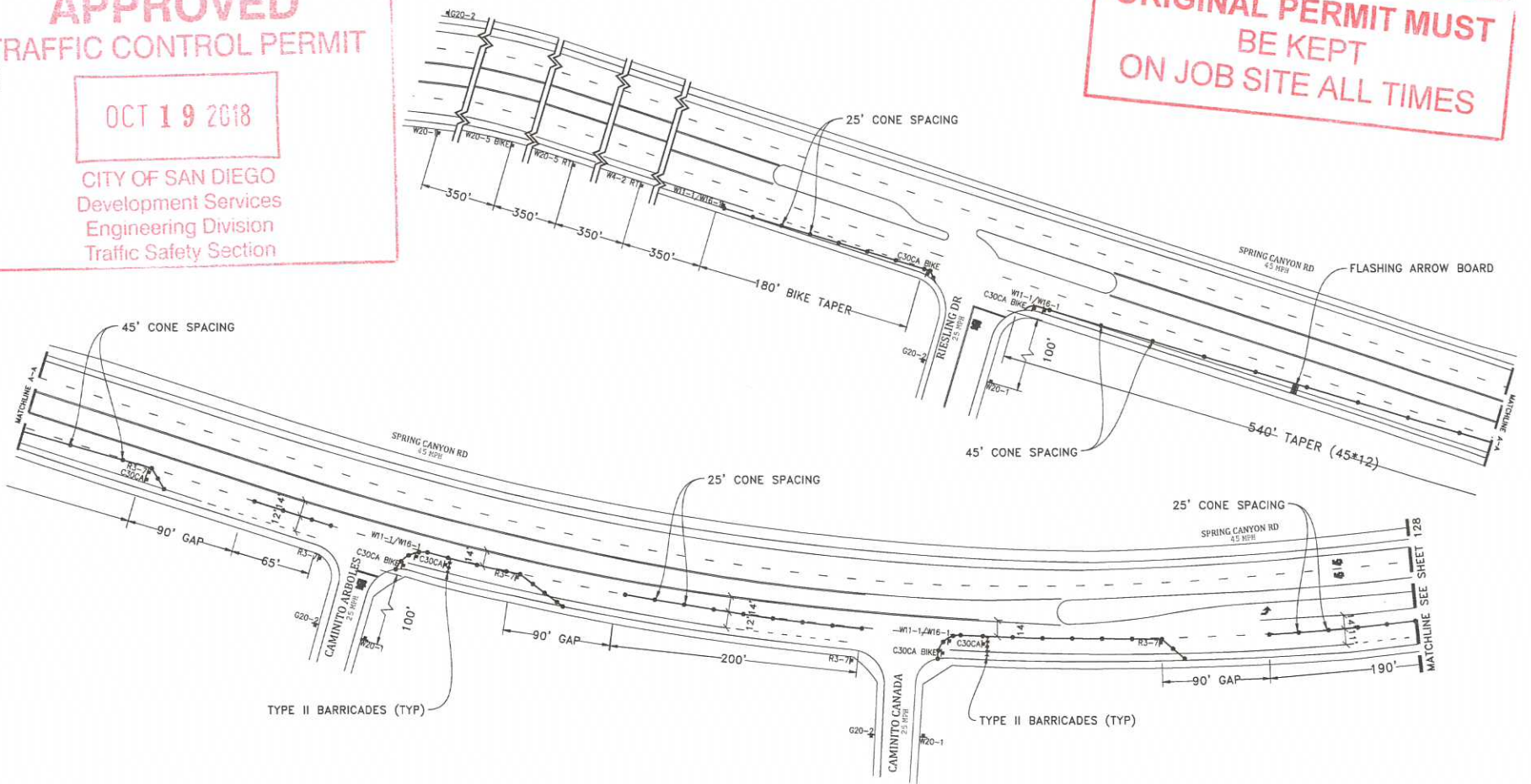


# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**



### LEGEND

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION

FLAGGER WILL ASSIST WITH BIKE / VEHICLE TRAFFIC

UTILITY SURVEYORS, INC.

**Gail McMorran**  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 480-2347  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC/POTHOLE#:	

**PHASE 111**

DATE: Mar. 24, 2017  
DESIGNED BY: Clint Jones

SHEET 129 OF 148

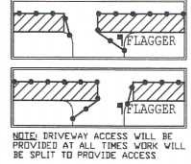
# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

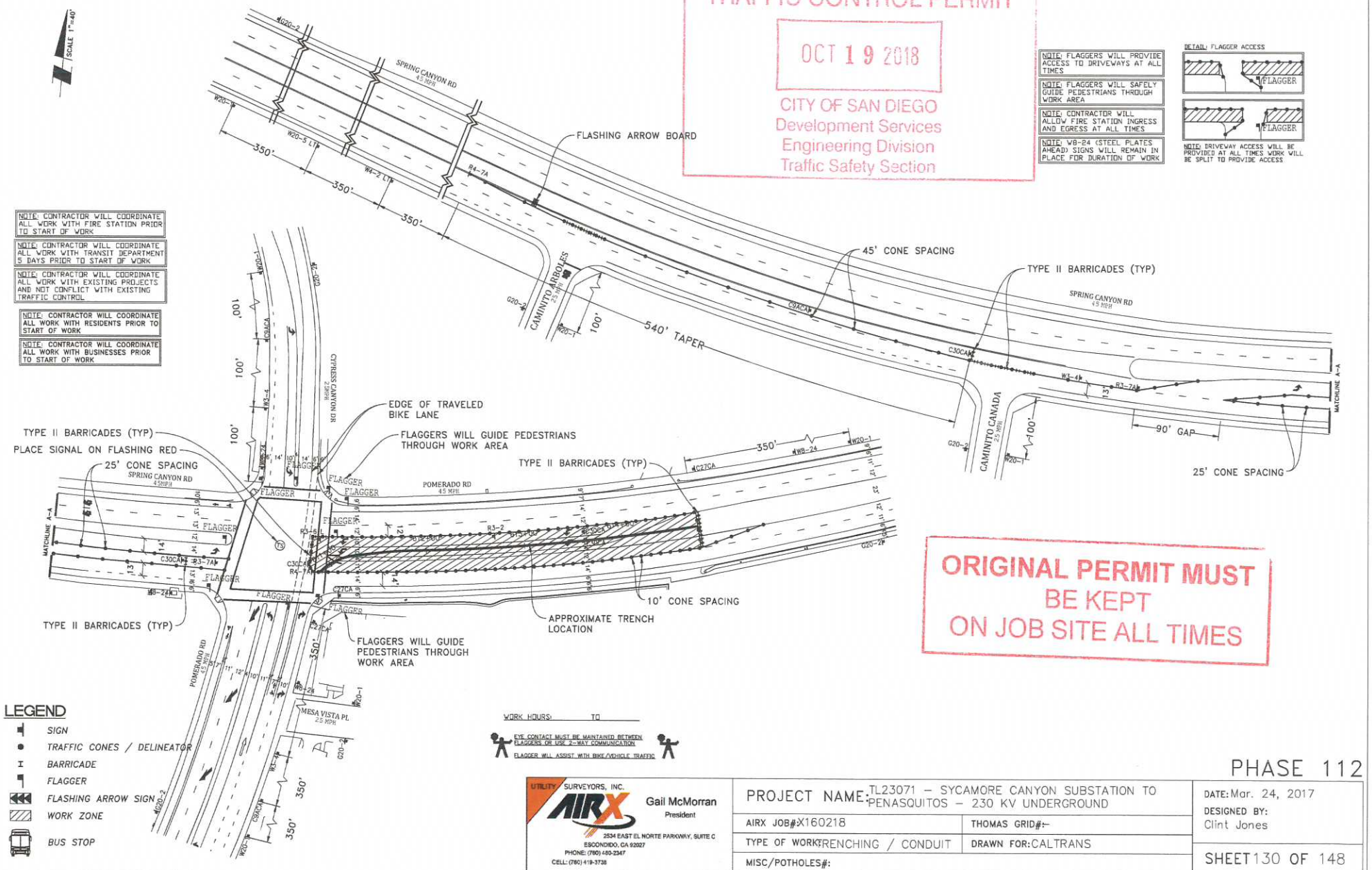
CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

- NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES
- NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA
- NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES
- NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

DETAIL: FLAGGER ACCESS



- NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK
- NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK
- NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL
- NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK
- NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK



**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**

- LEGEND**
- SIGN
  - TRAFFIC CONES / DELINEATOR
  - BARRICADE
  - FLAGGER
  - FLASHING ARROW SIGN
  - WORK ZONE
  - BUS STOP

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_  
EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION  
FLAGGER WILL ASSIST WITH BIKE / VEHICLE TRAFFIC

UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorrin  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 430-2347  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 24, 2017
AIRX JOB#: X160218	THOMAS GRID#:	DESIGNED BY: Clint Jones
TYPE OF WORK: RENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLE#:		SHEET 130 OF 148

PHASE 112

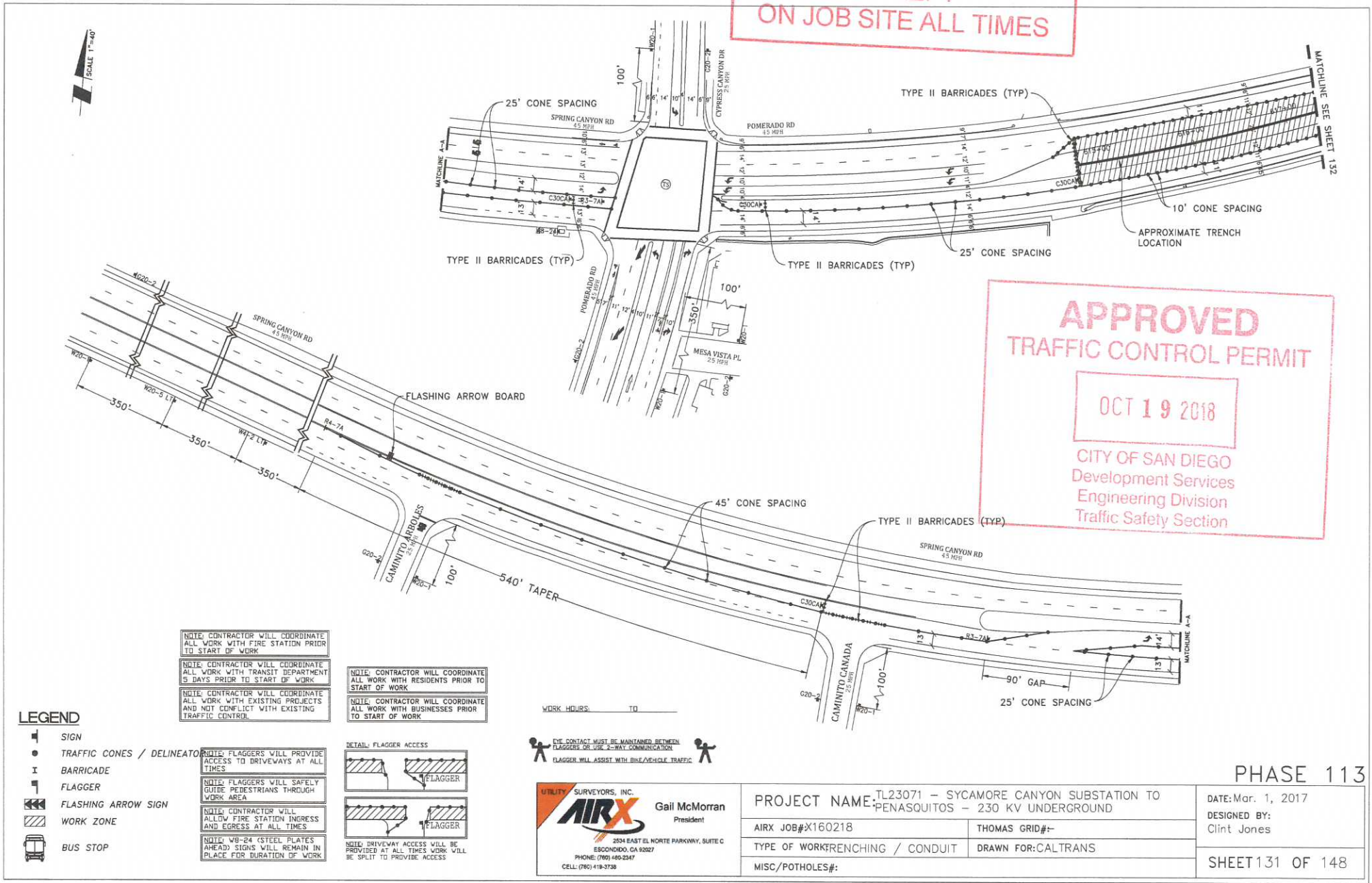


**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**

**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section



SCALE 1"=40'

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



- LEGEND**
- SIGN
  - TRAFFIC CONES / DELINEATOR
  - BARRICADE
  - FLAGGER
  - FLASHING ARROW SIGN
  - WORK ZONE
  - BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



UTILITY SURVEYORS, INC.

**AIRX**

Gail McMorran  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 490-2347  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

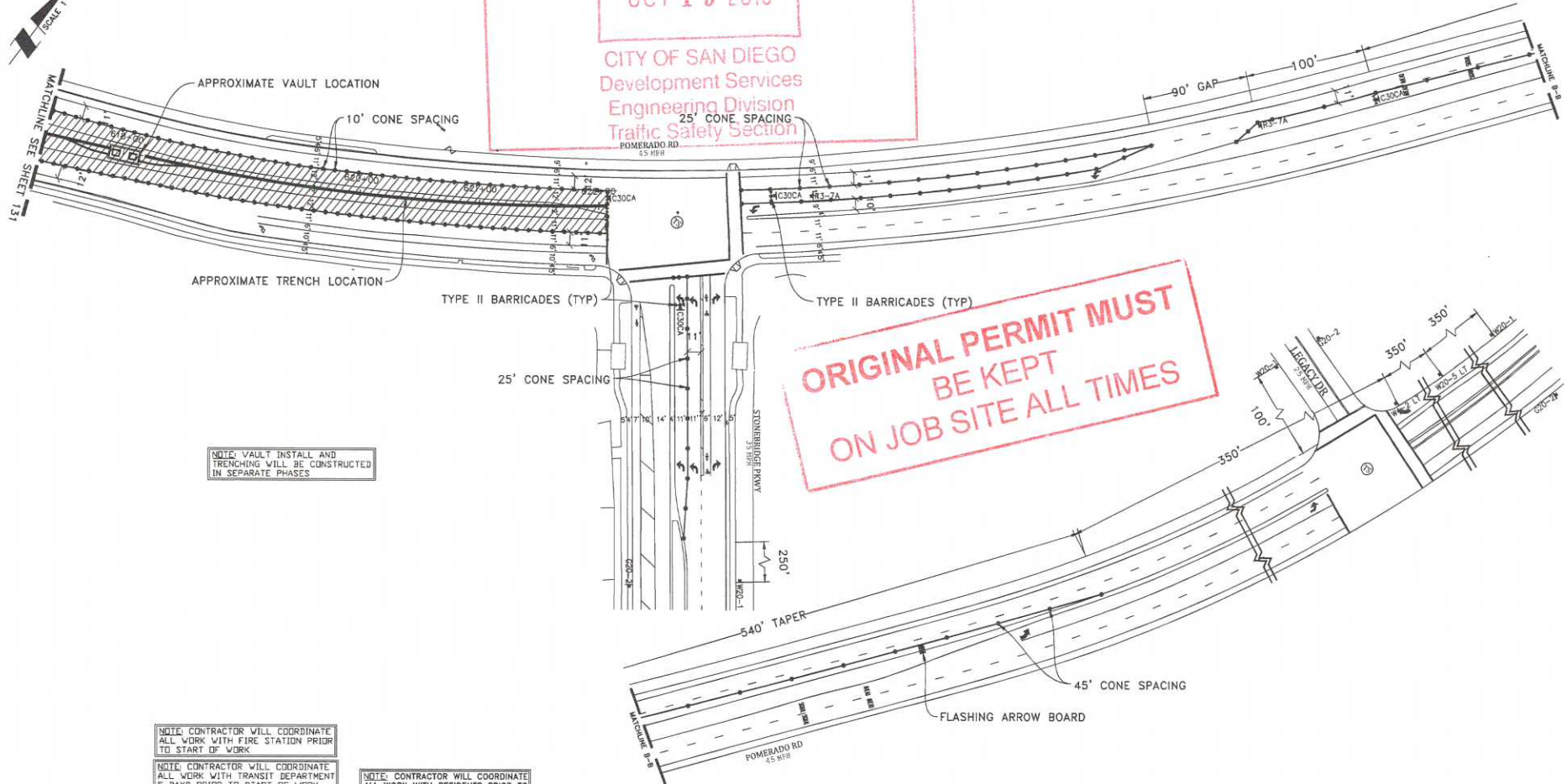
PHASE 113

DATE: Mar. 1, 2017
DESIGNED BY: Clint Jones
SHEET 131 OF 148

# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section



**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**

NOTE: VAULT INSTALL AND TRENCHING WILL BE CONSTRUCTED IN SEPARATE PHASES

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK






NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

**LEGEND**

-  SIGN
-  TRAFFIC CONES / DELINEATOR
-  BARRICADE
-  FLAGGER
-  FLASHING ARROW SIGN
-  WORK ZONE
-  BUS STOP

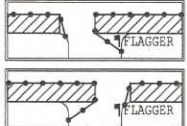
NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

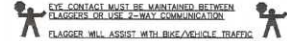
NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

**DETAIL: FLAGGER ACCESS**



NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

 EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION. FLAGGER WILL ASSIST WITH RISK/VEHICLE TRAFFIC

UTILITY SURVEYORS, INC.



**Gail McMorran**  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 485-2347  
CELL: (760) 419-3728

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC/POTHOLE#:	

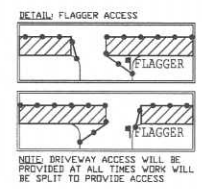
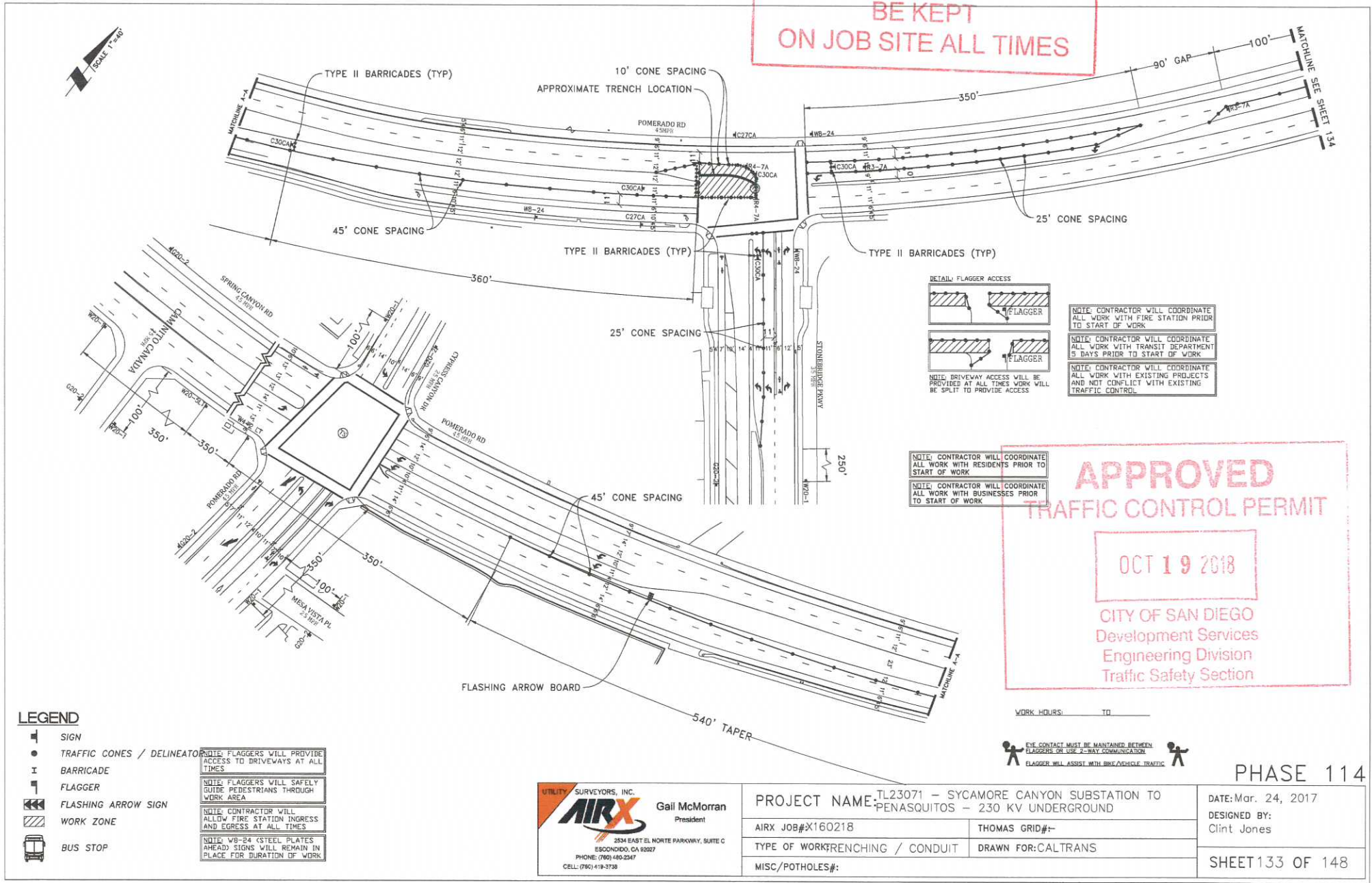
PHASE 113

DATE: Mar. 23, 2017  
DESIGNED BY:  
Clint Jones

SHEET 132 OF 148



**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**



**NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK**

**NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK**

**APPROVED**  
**TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

**CITY OF SAN DIEGO**  
Development Services  
Engineering Division  
Traffic Safety Section

**LEGEND**

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

**NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES**

**NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA**

**NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES**

**NOTE: WB-24 (STEEL PLATES) AHEAD SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK**

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

EYE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS OR USE 2-WAY COMMUNICATION  
 FLAGGER WILL ASSIST WITH BIKE/VEHICLE TRAFFIC

UTILITY SURVEYORS, INC.

**AIRX**

Gail McMorran  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 455-2547  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

DATE: Mar. 24, 2017

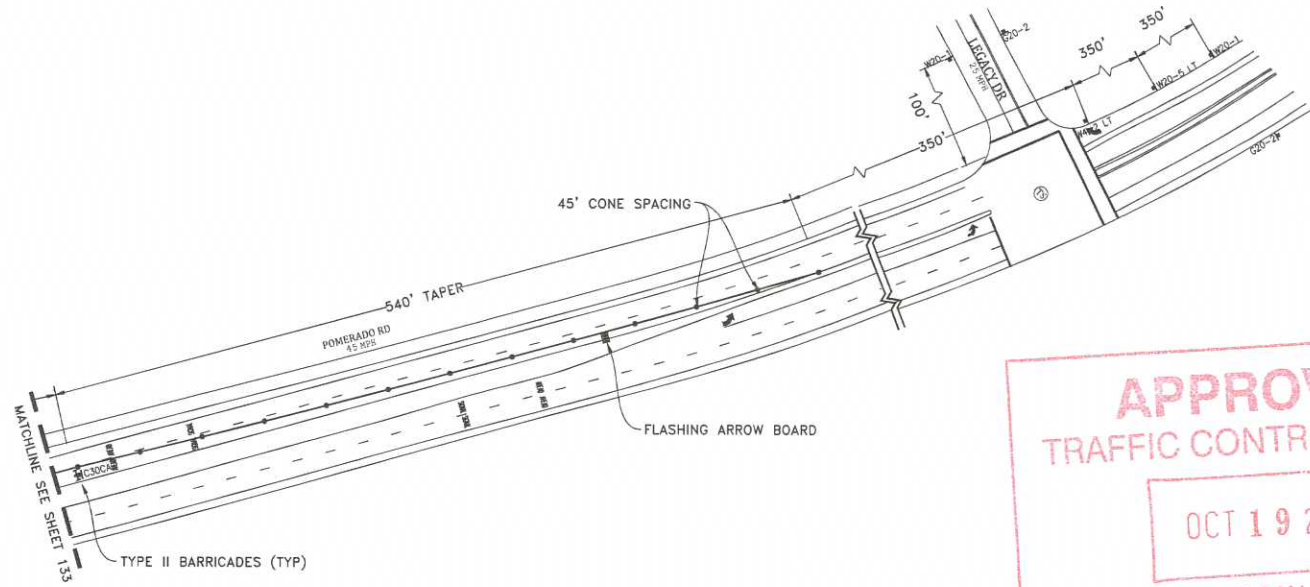
DESIGNED BY: Clint Jones

SHEET 133 OF 148

PHASE 114



**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**



**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

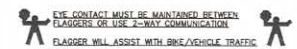
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



**LEGEND**

- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

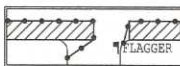
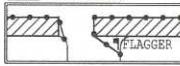
NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: WB-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

**DETAIL: FLAGGER ACCESS**



NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

UTILITY SURVEYORS, INC.

**Gail McMoran**  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (951) 450-2347  
CELL: (761) 418-3728

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 1, 2017
AIRX JOB#: X160218	THOMAS GRID#:-	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLE#:		SHEET 134 OF 148

PHASE 114



# APPROVED TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**

NOTE: NO WORK IN STREET WHILE  
SCHOOL CHILDREN ARE PRESENT

NOTE: CONTRACTOR WILL COORDINATE  
ALL WORK WITH FIRE STATION PRIOR  
TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE  
ALL WORK WITH TRANSIT DEPARTMENT  
5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE  
ALL WORK WITH EXISTING PROJECTS  
AND NOT CONFLICT WITH EXISTING  
TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE  
ALL WORK WITH RESIDENTS PRIOR TO  
START OF WORK

NOTE: CONTRACTOR WILL COORDINATE  
ALL WORK WITH BUSINESSES PRIOR  
TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_

EYE CONTACT MUST BE MAINTAINED BETWEEN  
FLAGGERS OR USE 2-WAY COMMUNICATION  
FLAGGER WILL ASSIST WITH BIKE/VEHICLE TRAFFIC

DETAIL: FLAGGER ACCESS



NOTE: DRIVEWAY ACCESS WILL BE  
PROVIDED AT ALL TIMES WORK WILL  
BE SPLIT TO PROVIDE ACCESS

NOTE: FLAGGERS WILL PROVIDE  
ACCESS TO DRIVEWAYS AT ALL  
TIMES

NOTE: FLAGGERS WILL SAFELY  
GUIDE PEDESTRIANS THROUGH  
WORK AREA

NOTE: CONTRACTOR WILL  
ALLOW FIRE STATION INGRESS  
AND EGRESS AT ALL TIMES

NOTE: WB-24 (STEEL PLATES  
AHEAD) SIGNS WILL REMAIN IN  
PLACE FOR DURATION OF WORK

## LEGEND

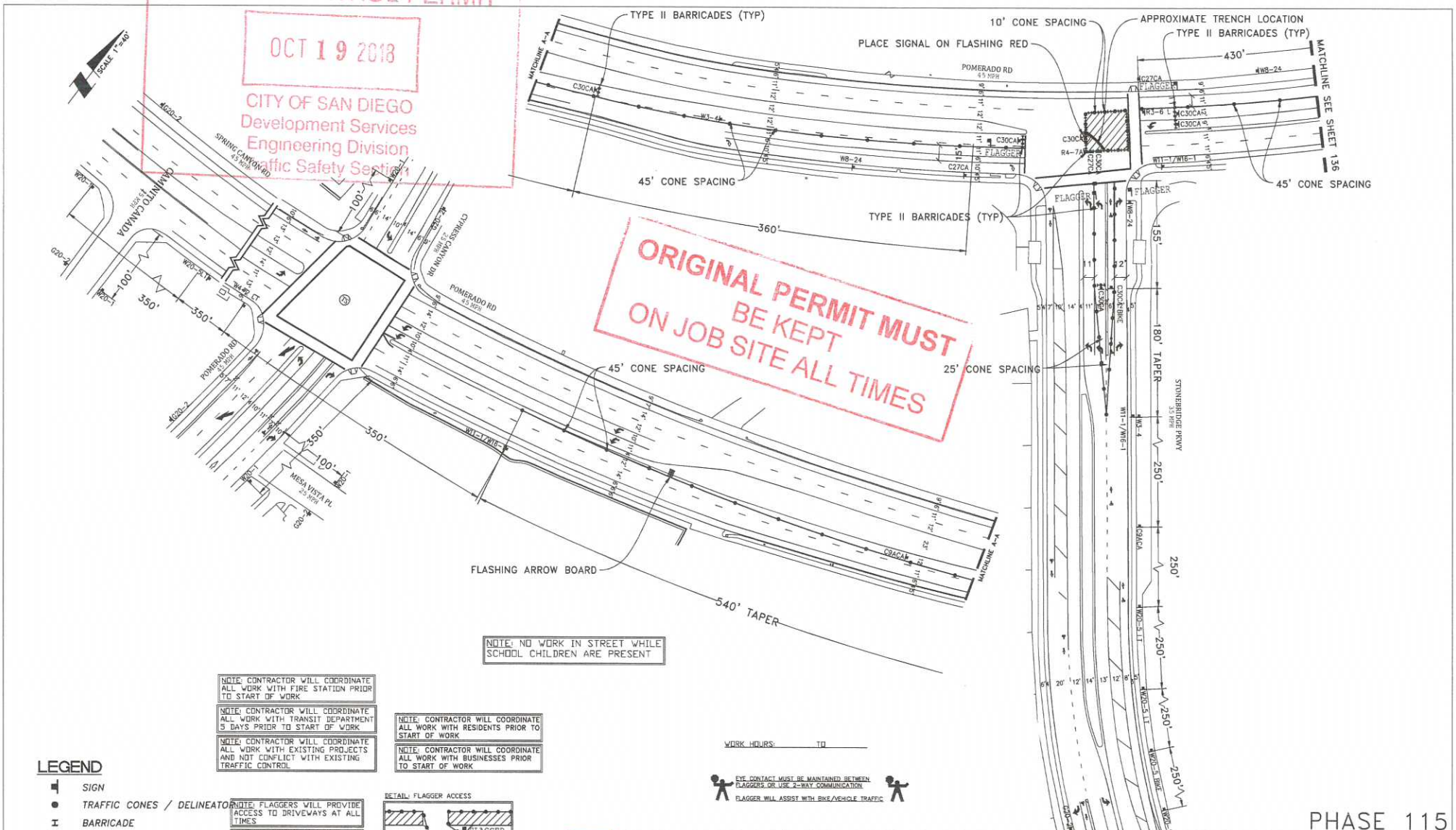
- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

UTILITY SURVEYORS, INC.  
**AIRX**  
Gail McMorran  
President  
2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 480-2347  
CELL: (760) 418-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID# -
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC/POTHOLE#:	

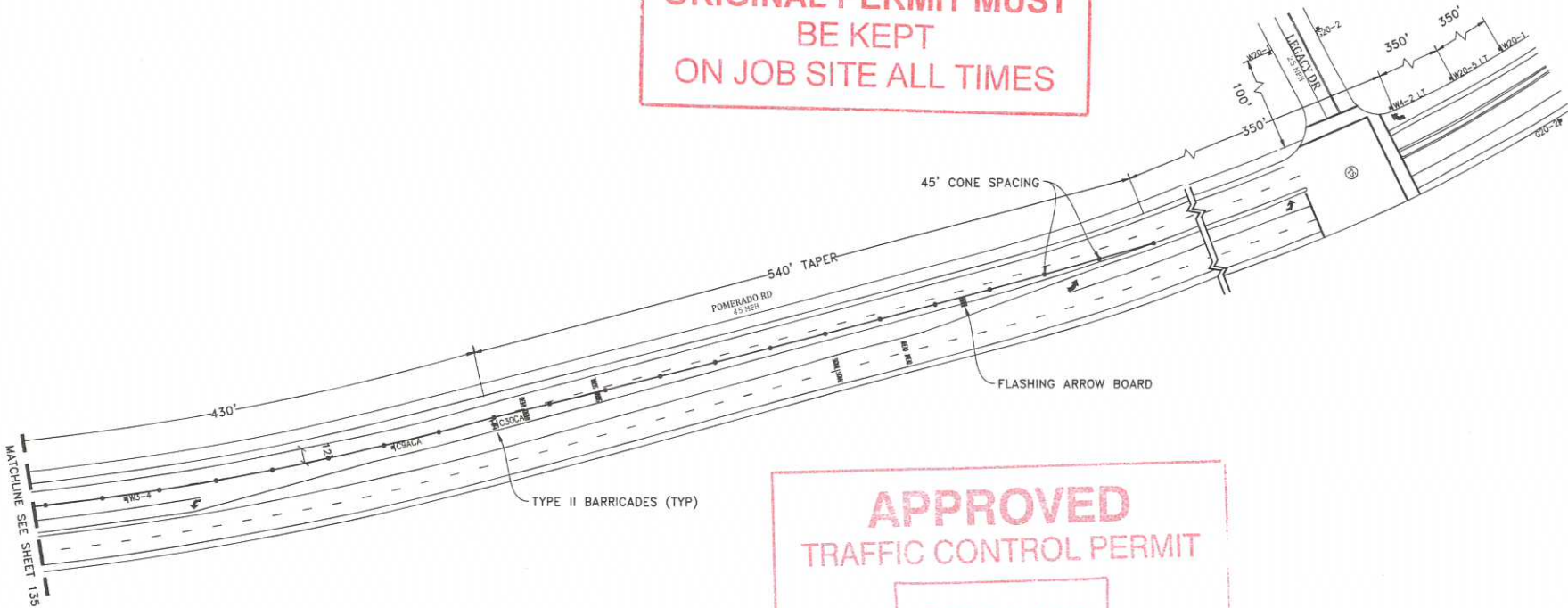
DATE: Apr. 5, 2017
DESIGNED BY: Clint Jones
SHEET 135 OF 148

PHASE 115





ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES



APPROVED  
TRAFFIC CONTROL PERMIT

OCT 19 2018

CITY OF SAN DIEGO  
Development Services  
Engineering Division  
Traffic Safety Section

NOTE: NO WORK IN STREET WHILE SCHOOL CHILDREN ARE PRESENT

**LEGEND**

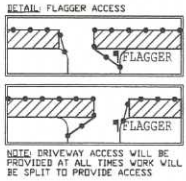
- SIGN
- TRAFFIC CONES / DELINEATOR
- BARRICADE
- FLAGGER
- FLASHING ARROW SIGN
- WORK ZONE
- BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

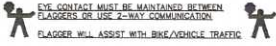
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



UTILITY SURVEYORS, INC.

AIRX

Gail McMorran  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 490-2547  
CELL: (760) 419-3738

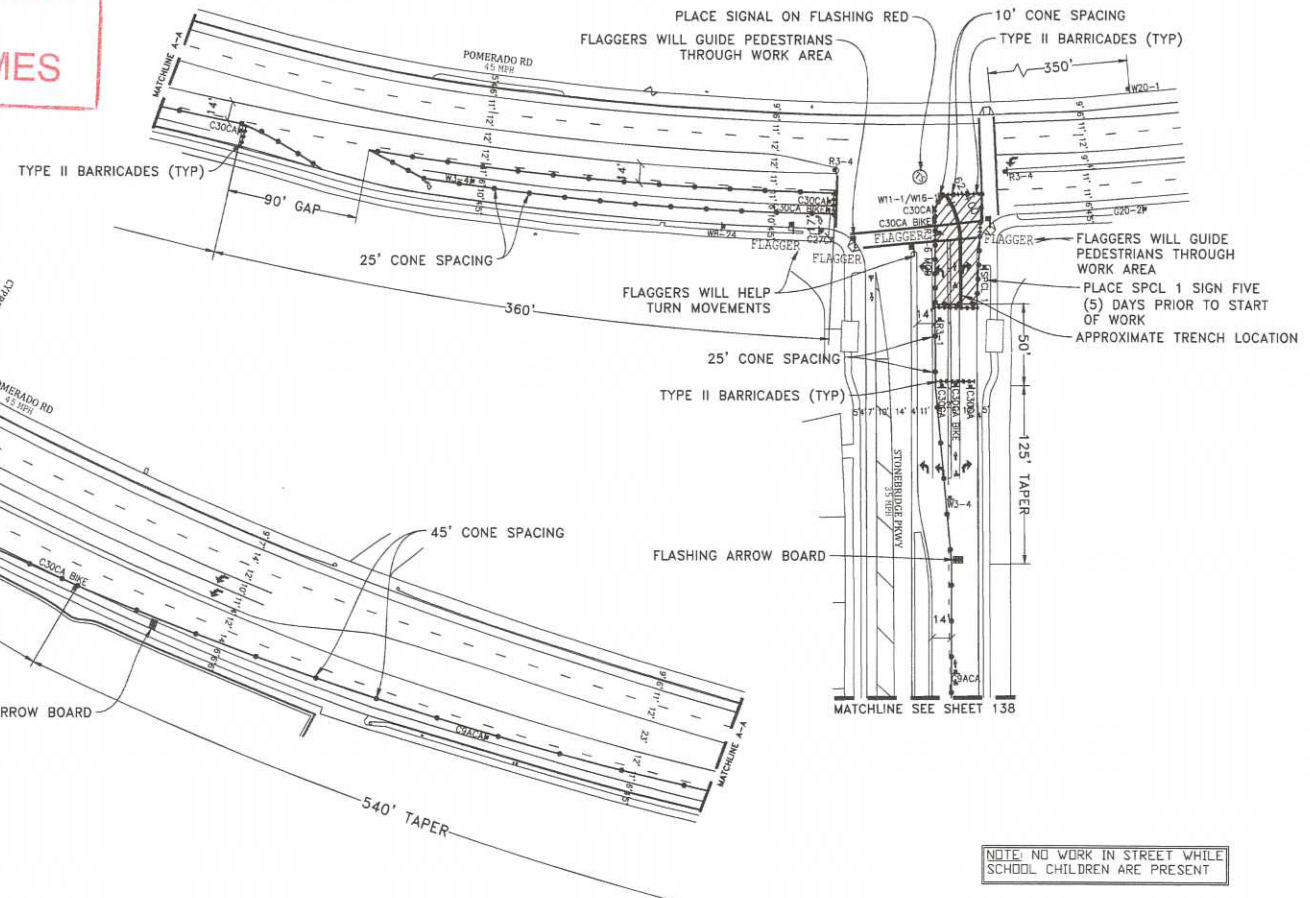
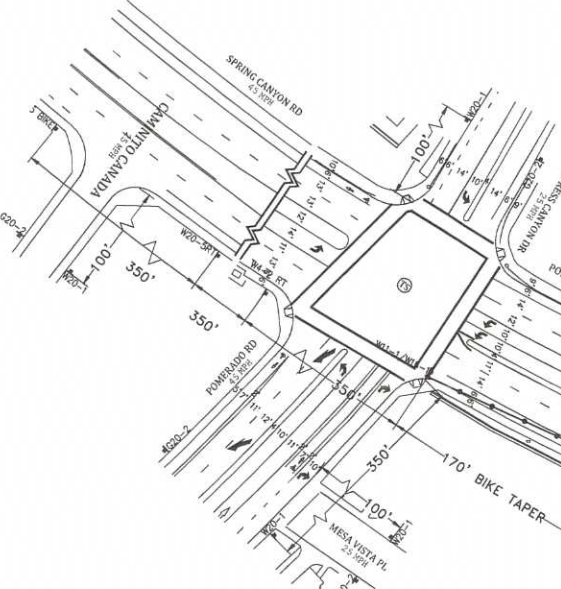
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

PHASE 115

DATE: Mar. 23, 2017  
DESIGNED BY: Clint Jones  
SHEET 136 OF 148



**ORIGINAL PERMIT MUST  
BE KEPT  
ON JOB SITE ALL TIMES**



**APPROVED  
TRAFFIC CONTROL PERMIT**

**OCT 19 2018**

CITY OF SAN DIEGO  
Development Services  
Engineering Division

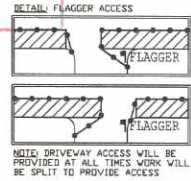
- LEGEND**
- SIGN
  - ⊥ TRAFFIC CONES / DELINEATOR
  - ⊥ BARRICADE
  - ⊥ FLAGGER
  - ▨ FLASHING ARROW SIGN
  - ▨ WORK ZONE
  - 🚌 BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-B4 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

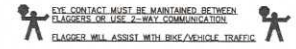
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



NOTE: NO WORK IN STREET WHILE SCHOOL CHILDREN ARE PRESENT

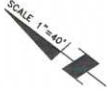
UTILITY SURVEYORS, INC.

**Gail McMorran**  
President

2534 EAST EL NORTE PARKWAY, SUITE C  
ESCONDIDO, CA 92027  
PHONE: (760) 480-2247  
CELL: (760) 419-3738

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 24, 2017
AIRX JOB# X160218	THOMAS GRID#:-	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS	SHEET 137 OF 148
MISC/POTHOLE#:		

**PHASE 116**

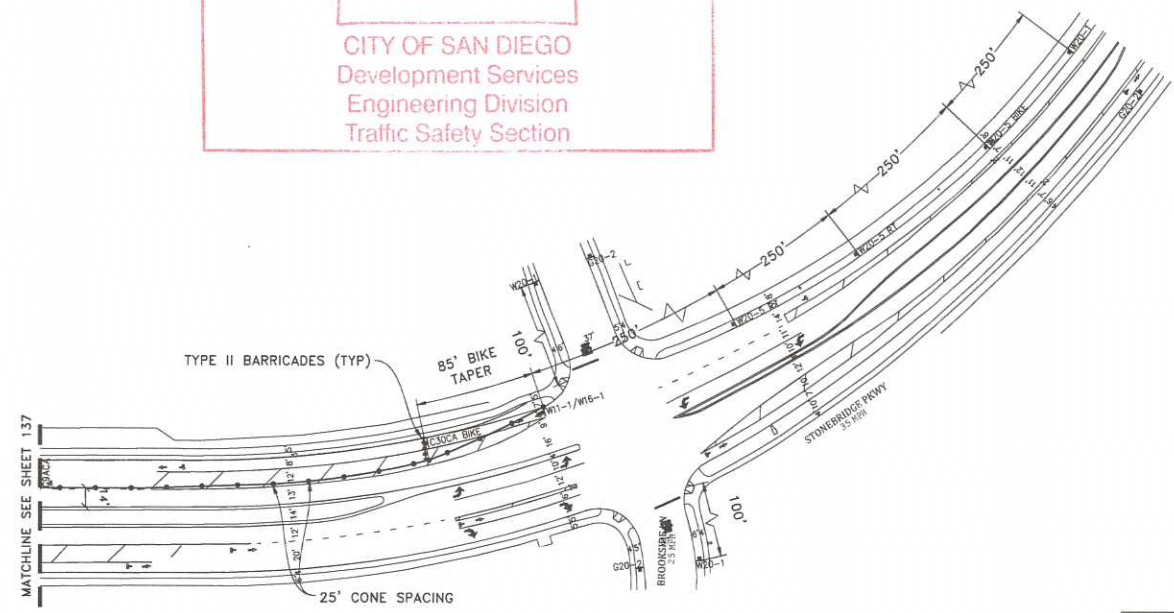


**APPROVED**  
**TRAFFIC CONTROL PERMIT**

OCT 19 2018

CITY OF SAN DIEGO  
 Development Services  
 Engineering Division  
 Traffic Safety Section

**ORIGINAL PERMIT MUST  
 BE KEPT  
 ON JOB SITE ALL TIMES**



NOTE: NO WORK IN STREET WHILE SCHOOL CHILDREN ARE PRESENT

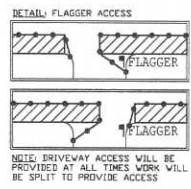
- LEGEND**
- SIGN
  - TRAFFIC CONES / DELINEATOR
  - BARRICADE
  - FLAGGER
  - FLASHING ARROW SIGN
  - WORK ZONE
  - BUS STOP

NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA

NOTE: CONTRACTOR WILL ALLOW FIRE STATION INGRESS AND EGRESS AT ALL TIMES

NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH FIRE STATION PRIOR TO START OF WORK

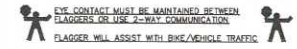
NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH TRANSIT DEPARTMENT 5 DAYS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH EXISTING PROJECTS AND NOT CONFLICT WITH EXISTING TRAFFIC CONTROL

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH RESIDENTS PRIOR TO START OF WORK

NOTE: CONTRACTOR WILL COORDINATE ALL WORK WITH BUSINESSES PRIOR TO START OF WORK

WORK HOURS: \_\_\_\_\_ TO \_\_\_\_\_



UTILITY SURVEYORS, INC.

**AIRX**

Gail McMorran  
 President

2534 EAST EL NORTE PARKWAY, SUITE C  
 ESCONDO, CA 92027  
 PHONE: (760) 480-2347  
 CELL: (760) 418-3730

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB# X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLES#:	

**PHASE 116**

DATE: Mar. 1, 2017  
 DESIGNED BY:  
 Clint Jones

SHEET 138 OF 148