



THE CITY OF SAN DIEGO

Traffic Control Permit (TCP)

Multiple Location List

(Franchise Utility Company Only - May Not Be submitted By Contractor)

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

City Use Only

Authorized # _____
 By Felipe Ariza / RJ
 Yes No
 Date Reviewed 7/19/17

To: City of San Diego, Traffic Permit Section Date: 7/20/2017

APPROVED
 TRAFFIC CONTROL PERMIT
 JUL 19 2017
 CITY OF SAN DIEGO
 Development Services
 Engineering Division
 Traffic Safety Section

From (Company): SDG&E Phone No.: 619-778-2405
 Contact Person: Rod Nelson Fax.: _____
 or Account #: _____ Permit # _____ TCP No. _____

- TYPE OF WORK**
- 1 = Lane Closure
 - 2 = Street Closure
 - 3 = Sidewalk Closure
 - 4 = Alley Closure
 - 5 = Parking Lane
 - 6 = Detour
 - 7 = Trenching
 - 8 = Flagging

Location	From	To	Start Date *	End Date *	Work Hours **	Thomas Bros.	Type of Work
**Pomerado Road	2200' West of Willow Creek Road/Ave of Nations	Willow Creek Road/Ave of Nations	7/24/17	7/28/17	8:30AM - 3:30PM	1209-G6, H5, J5	1,7,8
Pomerado Road	Willow Creek Road/Ave of Nations	Chabad Center Driveway	7/24/17	7/28/17	8:30AM - 3:30PM	1209-G6, H5, J5	1,7,8
Willow Creek Road	Pomerado Road	Caminito Covewood	7/24/17	7/28/17	8:30AM - 3:30PM	1209-G6, G5	8
Avenue of Nations	Pomerado Road	End of Street	7/24/17	7/28/17	8:30AM - 3:30PM	1209-G6, G5	8

>>> Place CMS on I-15 (NB and SB): "CONSTRUCTION ON POMERADO RD - EXPECT DELAYS" <<<<

Vault and Trench Crews - Phases 82-92 - Daytime work hours (M-F, 8:30AM - 3:30PM)
 **Pomerado Road west of Willow Creek Road/Ave of Nations (County ROW hours agreed to 8:30AM - 3:30PM)

>>> Warning signs on approach to flagging operation will be doubled in east bound and west bound directions along Pomerado Road
 >>> Flaggers to assist with potential back ups and provide better traffic circulation for all movements at signalized intersections that require flash.

Comments: (Minimum 4 flaggers at intersection)

Must be submitted a minimum of 2 working days prior to start of work. All columns must be filled out for proper authorization
 Fax or mail to: City of San Diego • Traffic Control Permit Section • 1222 First Avenue, MS 501 • San Diego, CA 92101. Fax (619) 446-5489 Office (619) 446-5150
 * Work Days: Monday Through Friday ** Work Hours : 8:30 AM - 3:30PM. Unless other hours are preapproved)
 No Work on Saturdays, Sundays, or Holidays Unless Approved and Noted In Comments
 Minimum of 5 working days required for construction work which affects traffic signal e-mail info to: JVaca@sandiego.gov



THE CITY OF SAN DIEGO

Traffic Control Permit (TCP) Multiple Location List

(Franchise Utility Company Only - May Not Be submitted By Contractor)

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 Date Reviewed 7/19/17

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 From: (Company): SDG&E Phone No.: 619-778-2405
 Contact Person: Rod Nelson Fax.: _____
 W.O. or Account #: Permit # _____ TCP No. _____

TYPE OF WORK

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APPROVED
TRAFFIC CONTROL PERMIT
JUL 19 2017

CITY OF SAN DIEGO
 Permit Services
 Engineering Division
 Traffic Safety Section

Location	From	To	Start Date *	End Date *	Work Hours **	Thomas Bros.	Type of Work
Scripps Ranch Blvd	Pomerado Road	Ironwood Road	7/24/17	7/28/17	8:30AM - 3:30PM	1209-H5	8
Scripps Ranch Row	Pomerado Road	Espinosa Square	7/24/17	7/28/17	8:30AM - 3:30PM	1209-H5	8
>>> Place CMS on I-15 (NB and SB): "CONSTRUCTION ON POMERADO RD - EXPECT DELAYS" <<<<							

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

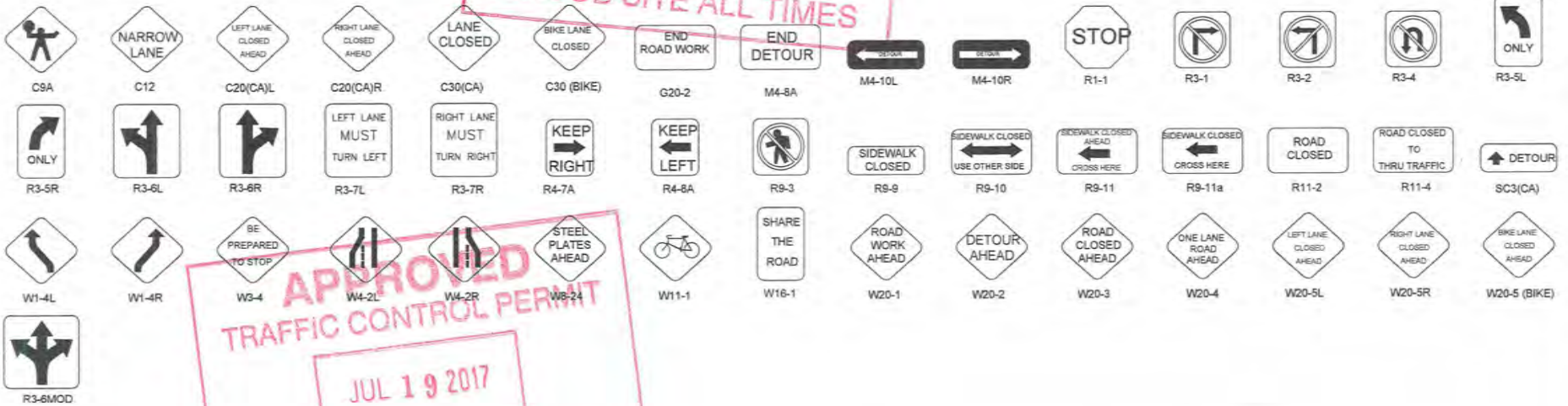
Vault and Trench Crews - Phases 82-92 - Daytime work hours (M-F, 8:30AM - 3:30PM)
 **Pomerado Road west of Willow Creek Road/Ave of Nations (County ROW hours agreed to 8:30AM - 3:30PM)

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 >>> Flaggers to assist with potential back ups and provide better traffic circulation for all movements at signalized intersections that require flash.

Comments: (Minimum 4 flaggers at intersection)

Must be submitted a minimum of 2 working days prior to start of work. All columns must be filled out for proper authorization
 Fax or mail to: City of San Diego • Traffic Control Permit Section • 1222 First Avenue, MS 501 • San Diego, CA 92101. Fax (619) 446-5489 Office (619) 446-5150
 * Work Days: Monday Through Friday ** Work Hours : 8:30 AM - 3:30PM. Unless other hours are preapproved)
 No Work on Saturdays, Sundays, or Holidays Unless Approved and Noted In Comments
 Minimum of 5 working days required for construction work which affects traffic signal e-mail info to: JVaca@sandiego.gov

SIGN LEGEND



APPROACH SPEED (MPH)

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)
	1/2L	1/3L	1/2L	1/3L	1/3L	
25	100	65	125	85	45	155
30	250	180	180	125	60	200
35	250	245	245	160	85	250
40	250	320	320	270	110	305
45	500	540	540	300	180	360
50	500	600	600	330	200	425
55+	500	660	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

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 Substation – 230 KV Underground

AIRX JOB#: X160218

THOMAS GRID#: –

TYPE OF WORK: TRENCHING / CONDUIT

DRAWN FOR: SAN DIEGO COUNTY

MISC/POTHOLE#:

DATE: Mar 2, 2017

DESIGNED BY:
Clint Jones

SHEET 1 OF 4

**APPROVED
TRAFFIC CONTROL PERMIT**

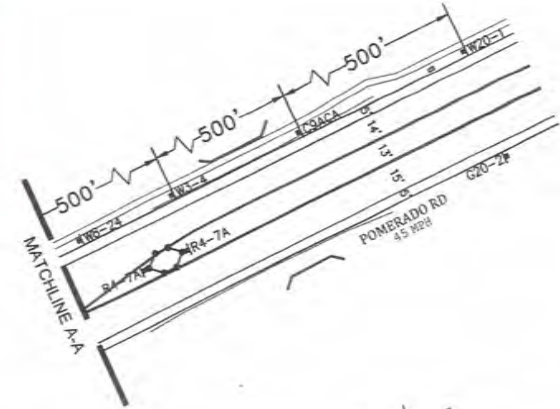
JUL 19 2017

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section

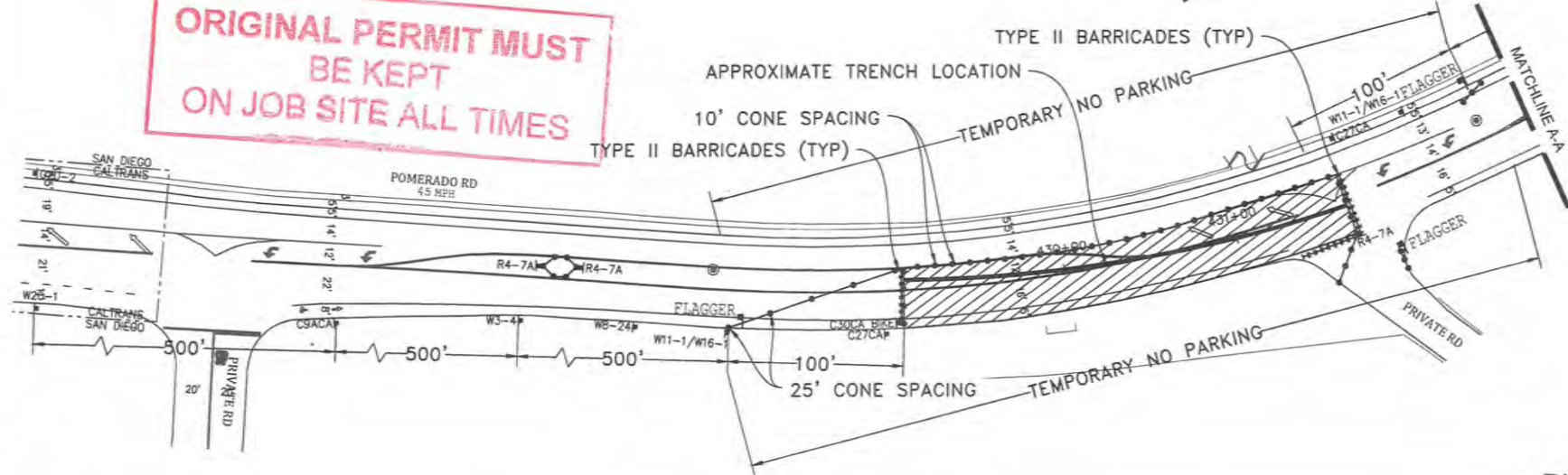
NOTE: W8-24 (STEEL PLATES AHEAD) SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK

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

NOTE: STEEL PLATE BRIDGING SHALL NOT EXCEED 24 HR AND 50 FEET IN LENGTH IN THE WORK ZONE



**ORIGINAL PERMIT MUST
BE KEPT
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PHASE 01

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

Gail McMorran
President

PROJECT NAME: TL23071 - Sycamore Canyon Substation To Penasquitos Substation - 230 KV Underground		DATE: Mar 2, 2017
AIRX JOB#: X160218	THOMAS GRID#: -	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT		DRAWN FOR: SAN DIEGO COUNTY
MISC/POTHOLE#:		

SHEET 2 OF 4

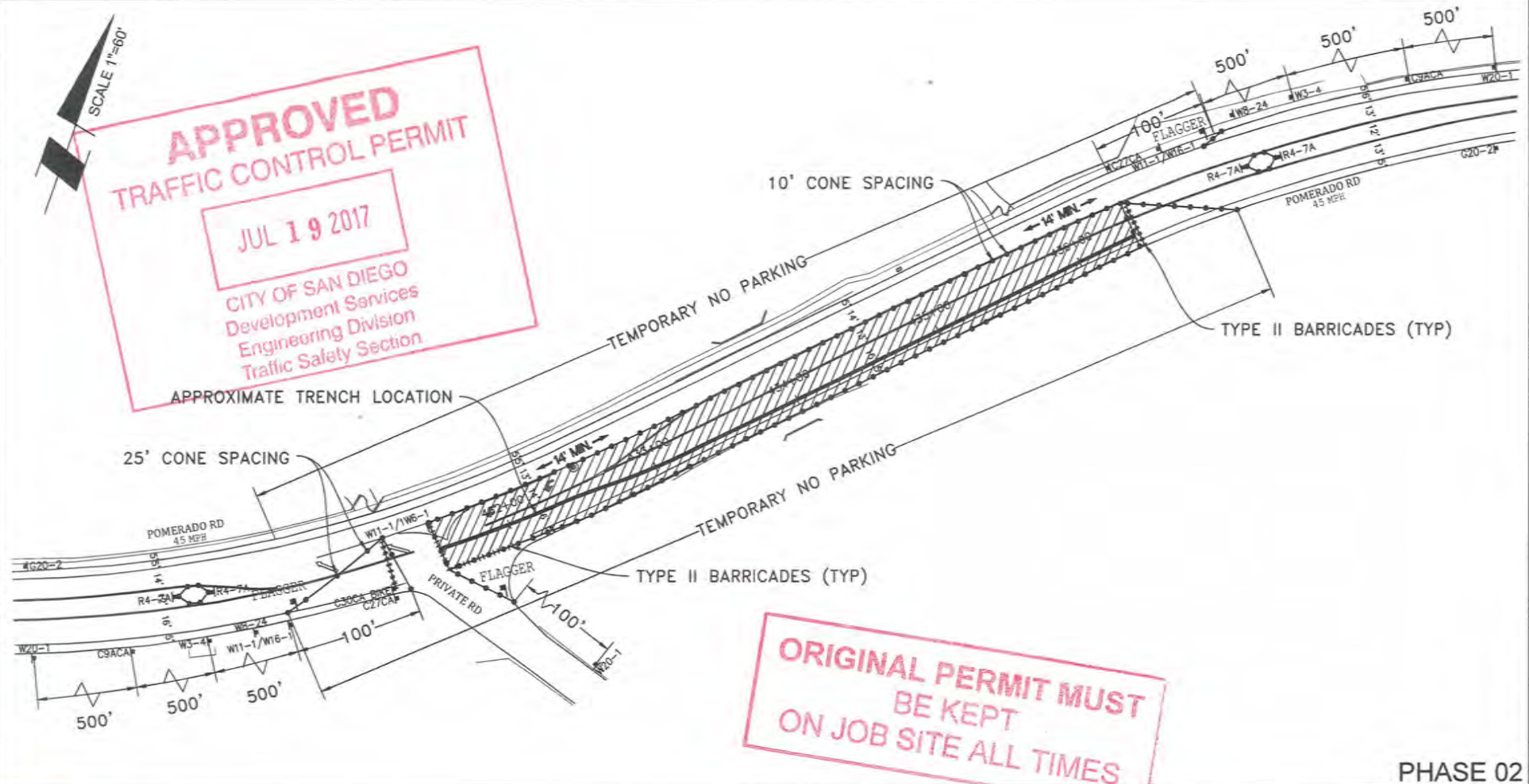


APPROVED
TRAFFIC CONTROL PERMIT

JUL 19 2017

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section

APPROXIMATE TRENCH LOCATION



PHASE 02

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 Substation - 230 KV Underground

AIRX JOB#: X160218

THOMAS GRID#: -

TYPE OF WORK: TRENCHING / CONDUIT

DRAWN FOR: SAN DIEGO COUNTY

MISC/POTHOLE#:

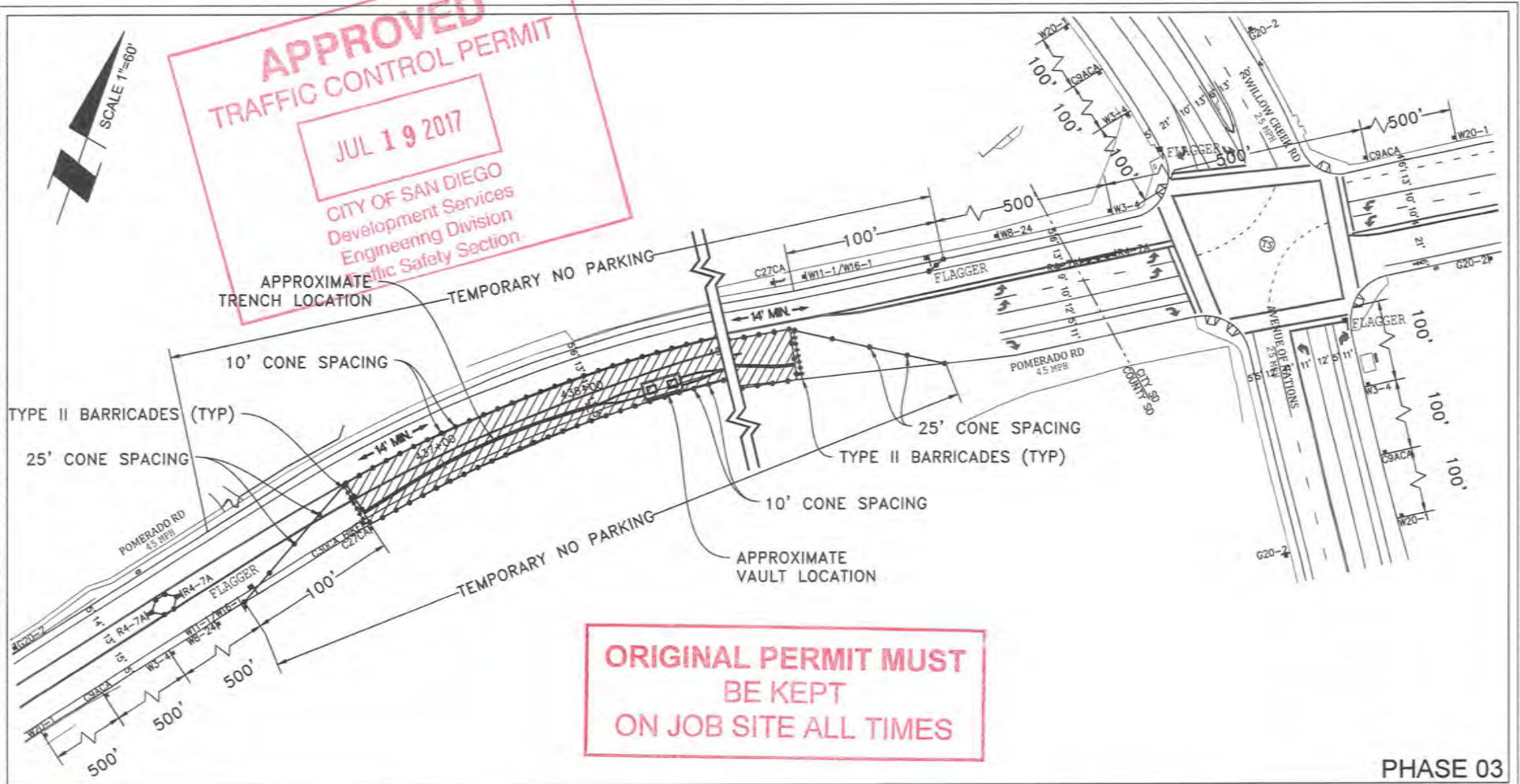
DATE: Mar 2, 2017

DESIGNED BY:
Clint Jones

SHEET 3 OF 4



APPROVED
TRAFFIC CONTROL PERMIT
 JUL 19 2017
 CITY OF SAN DIEGO
 Development Services
 Engineering Division
 Traffic Safety Section



**ORIGINAL PERMIT MUST
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PHASE 03

UTILITY SURVEYORS, INC.

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

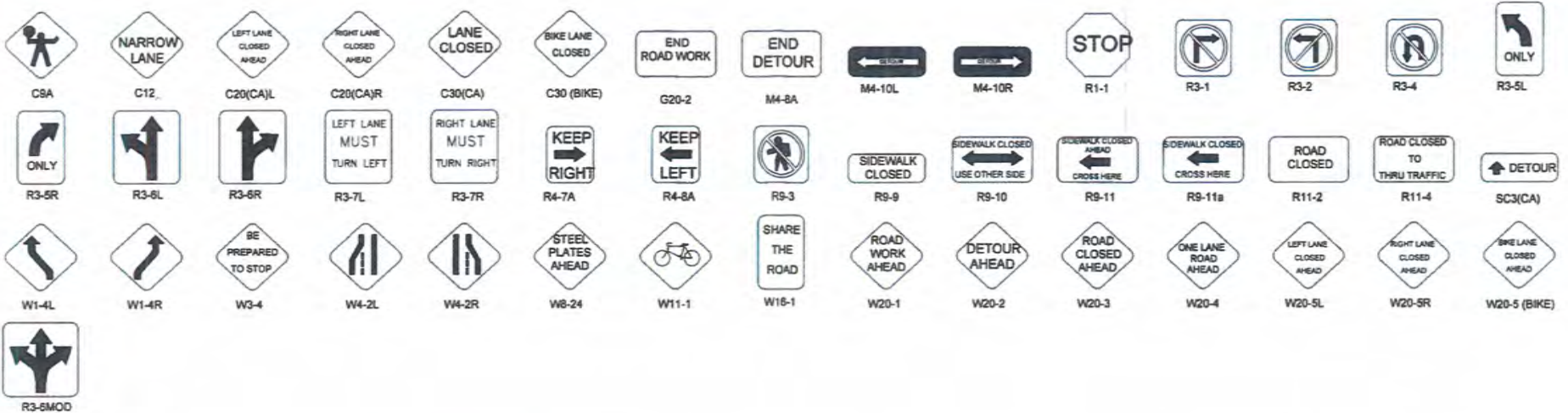
Gail McMorran
 President

PROJECT NAME: TL23071 - Sycamore Canyon Substation To Penasquitos Substation - 230 KV Underground	
AIRX JOB#: X160218	THOMAS GRID#: -
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: SAN DIEGO COUNTY
MISC/POTHoles#:	

DATE: Mar 2, 2017
 DESIGNED BY:
 Clint Jones

SHEET 4 OF 4

SIGN LEGEND



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)	MAX CONE SPACING		
	L	1/2L	1/3L	TAPER	TANGENT	CONFLICT				
25	100	125	65	45	155	25	50	12		
30	250	180	90	60	200	30	60	15		
35	250	245	125	85	250	35	70	17		
40	250	320	160	110	305	40	80	20		
45	350	540	270	180	360	45	90	22		
50	350	600	300	200	425	50	100	25		
55+	350	660	330	220	495	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
JUL 19 2017
CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section

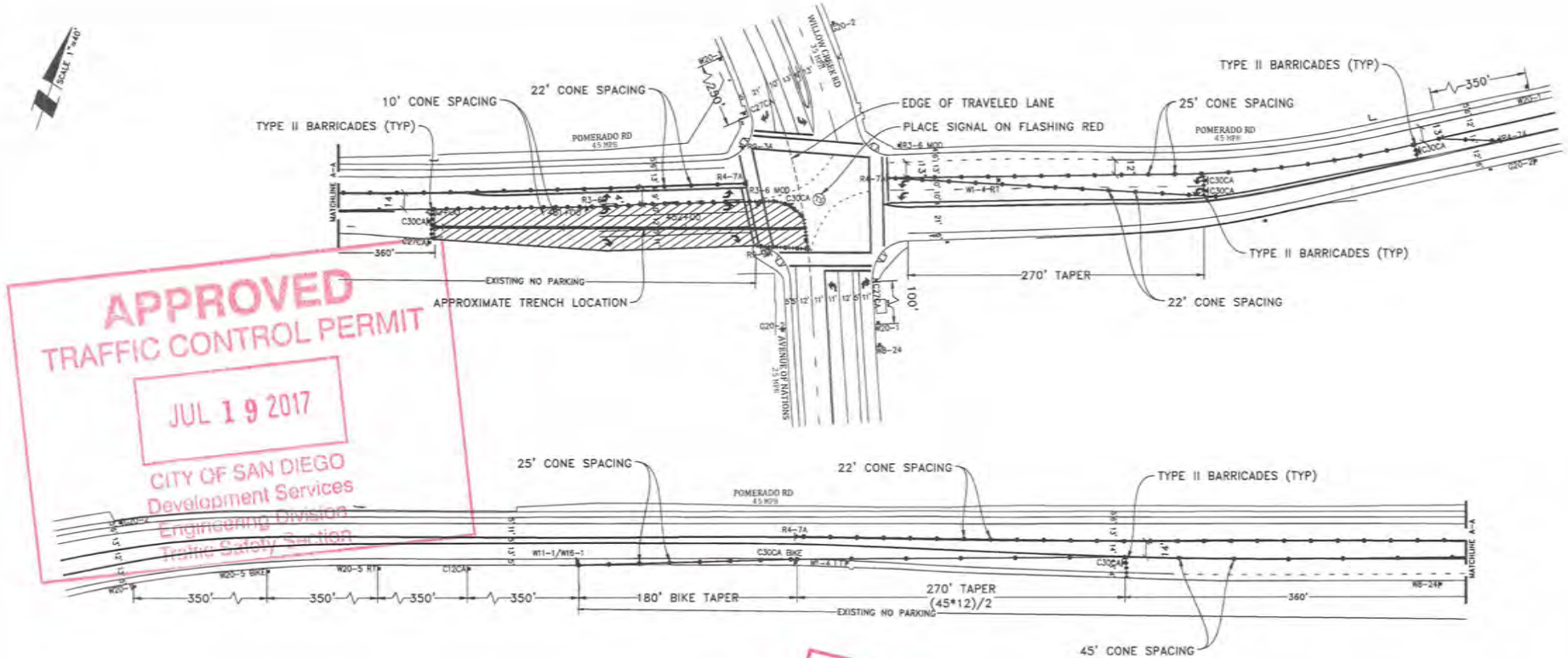
ORIGINAL PERMIT MUST
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UTILITY SURVEYORS, INC.

 Gail McMorrان
 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 Substation - 230-KV Underground	
AIRX JOB#: X160218	THOMAS GRID#: -
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: SAN DIEGO COUNTY
MISC/POTHOLE#:	

DATE: Mar 2, 2017
DESIGNED BY: Clint Jones
SHEET 1 OF 4



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.

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

WORK HOURS: _____ TO _____

THE CONTACT MUST BE MAINTAINED BETWEEN FLAGGERS ON THE 2-WAY COMMUNICATION. FLAGGER WILL ASSIST WITH BUS/VEHICLE TRAFFIC.

LEGEND

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

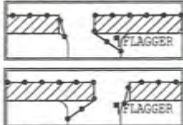
NOTE: FLAGGERS WILL PROVIDE ACCESS TO DRIVEWAYS AT ALL TIMES.

NOTE: FLAGGERS WILL SAFELY GUIDE PEDESTRIANS THROUGH WORK AREA.

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

NOTE: W8-24 (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.

AIRX SURVEYORS, INC.
 Gail McMorran
 President
 2534 EAST EL NORTE PARKWAY, SUITE C
 ESCONCADO, CA 92527
 PHONE: (760) 480-2347
 CELL: (760) 419-5738

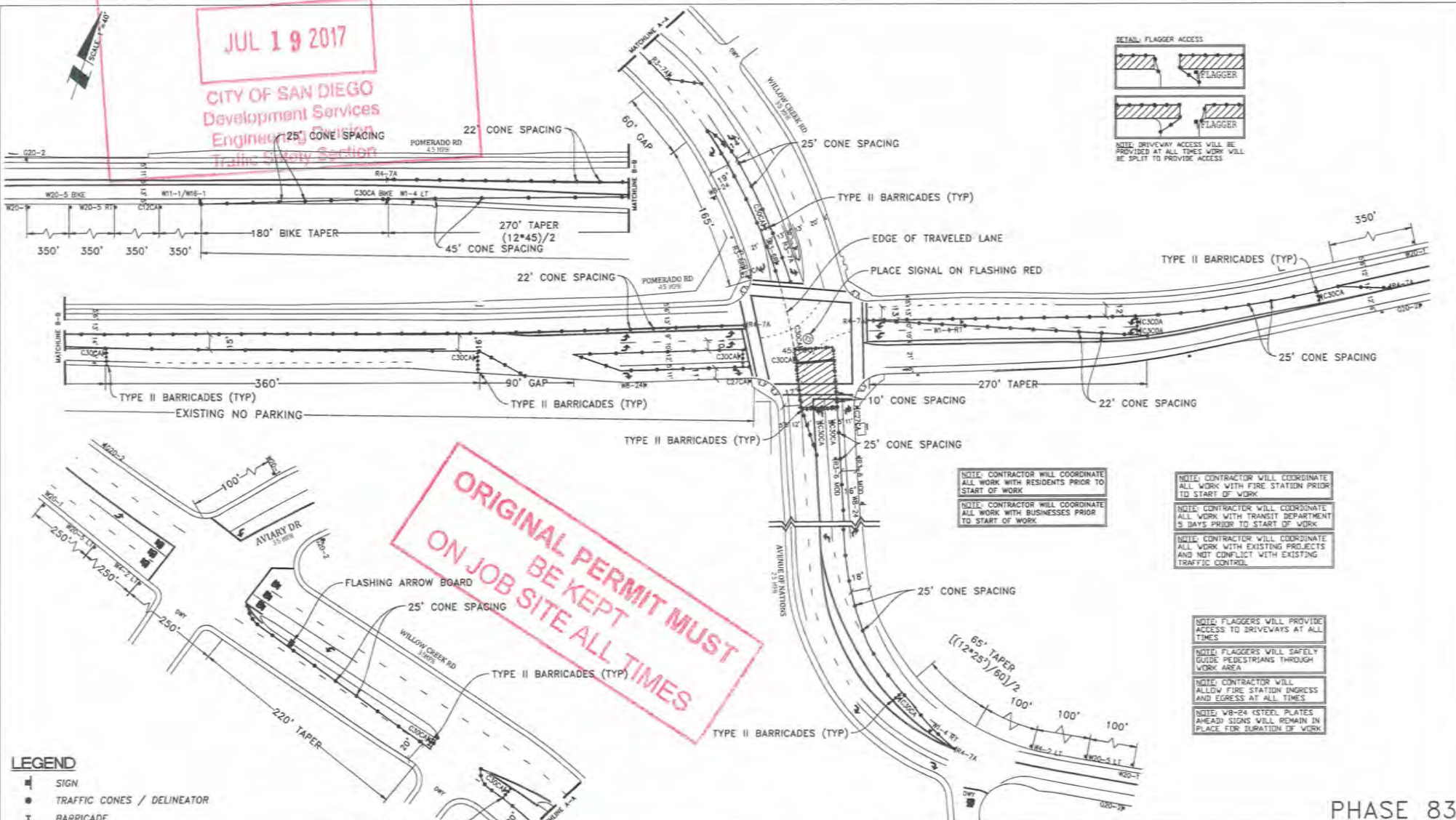
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 21, 2017
AIRX JOB#: X160218	THOMAS GRID#:	DESIGNED BY: Clint Jones
TYPE OF WORK: RENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLE#:		SHEET 098 OF 148

PHASE 82

APPROVED TRAFFIC CONTROL PERMIT

JUL 19 2017

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Signal 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

WORK HOURS: TO

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

AIRX SURVEYORS, INC.
Gail McMorran
President
2504 EAST EL NORTE PARWAY, SUITE C
ESCONDIDO, CA 92027
PHONE: (760) 480-2547
CELL: (760) 418-2728

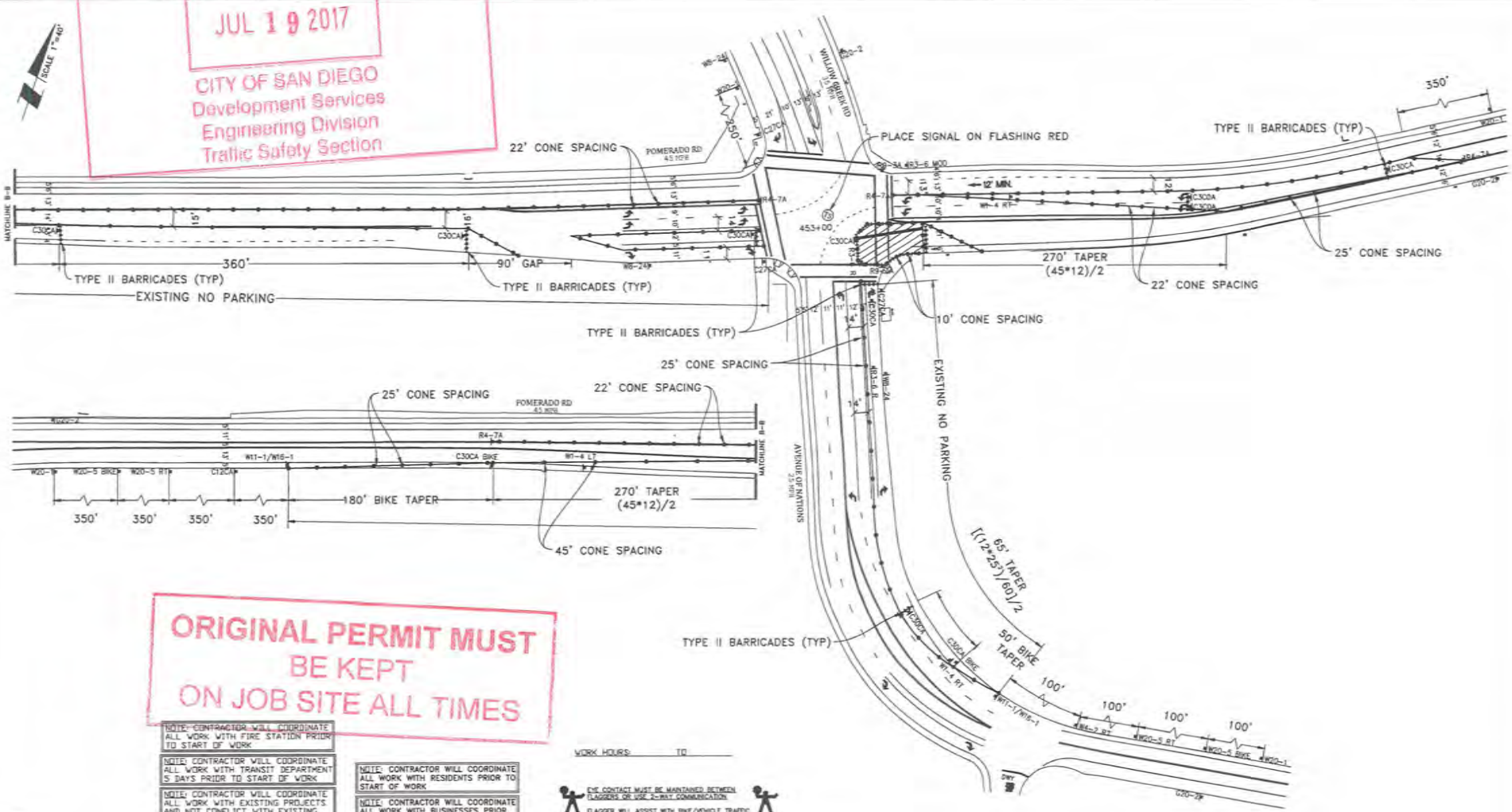
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Apr. 6, 2017
AIRX JOB#X160218	THOMAS GRID#:-	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLES#:		SHEET 099 OF 148

PHASE 83

APPROVED TRAFFIC CONTROL PERMIT

JUL 19 2017

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
- 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 _____

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

FLAGGER WILL ASSIST WITH BIKE/VEHICLE TRAFFIC

- LEGEND**
- SIGN
 - TRAFFIC CONES / DELINEATOR
 - I 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**

AIRX SURVEYORS, INC.
2504 EAST EL NORTE PARKWAY, SUITE C
ESCONDIDO, CA 92027
PHONE: (760) 455-2547
CELL: (760) 419-3729

Gail McMorran
President

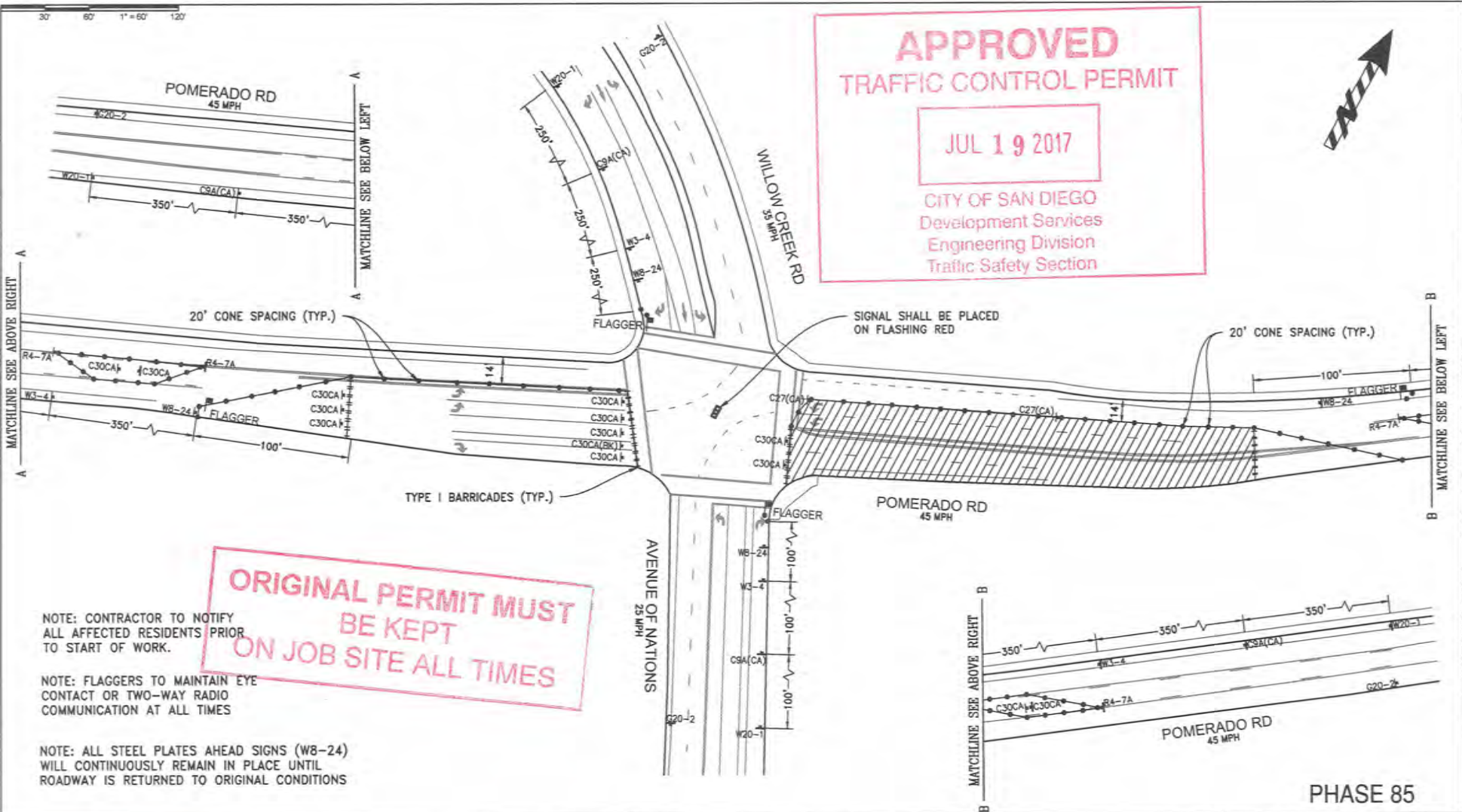
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: RENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

PHASE 84

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

30 60 1" = 60' 120'

APPROVED
TRAFFIC CONTROL PERMIT
JUL 19 2017
 CITY OF SAN DIEGO
 Development Services
 Engineering Division
 Traffic Safety Section




**ORIGINAL PERMIT MUST
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NOTE: CONTRACTOR TO NOTIFY ALL AFFECTED RESIDENTS PRIOR TO START OF WORK.

NOTE: FLAGGERS TO MAINTAIN EYE CONTACT OR TWO-WAY RADIO COMMUNICATION AT ALL TIMES

NOTE: ALL STEEL PLATES AHEAD SIGNS (W8-24) WILL CONTINUOUSLY REMAIN IN PLACE UNTIL ROADWAY IS RETURNED TO ORIGINAL CONDITIONS

PHASE 85

 LIC# 818076	1221 S. 26TH ST SAN DIEGO, CA 92113 OFFICE: (858) 259-0300 FAX: (858) 259-0357	POSTED SPEED LIMIT (MPH)	SEE PLAN	MIGUEL URESTI	SXPQ EAST SIDE POMERADO	TRAFFIC CONTROL PLANS
		SIGN SPACING (FEET)	SEE PLAN	DRAWN BY:		
		TAPER LENGTH (FEET)	SEE PLAN	PROJECT NUMBER:	ARB	CITY OF SAN DIEGO
		CONE SPACING (FEET)	SEE PLAN	DATE: July 6, 2017	COMPANY	
					ROD NELSON	
					PROJECT CONTACT	
					619.295.2754	
					PHONE	SHEET 101 OF 148

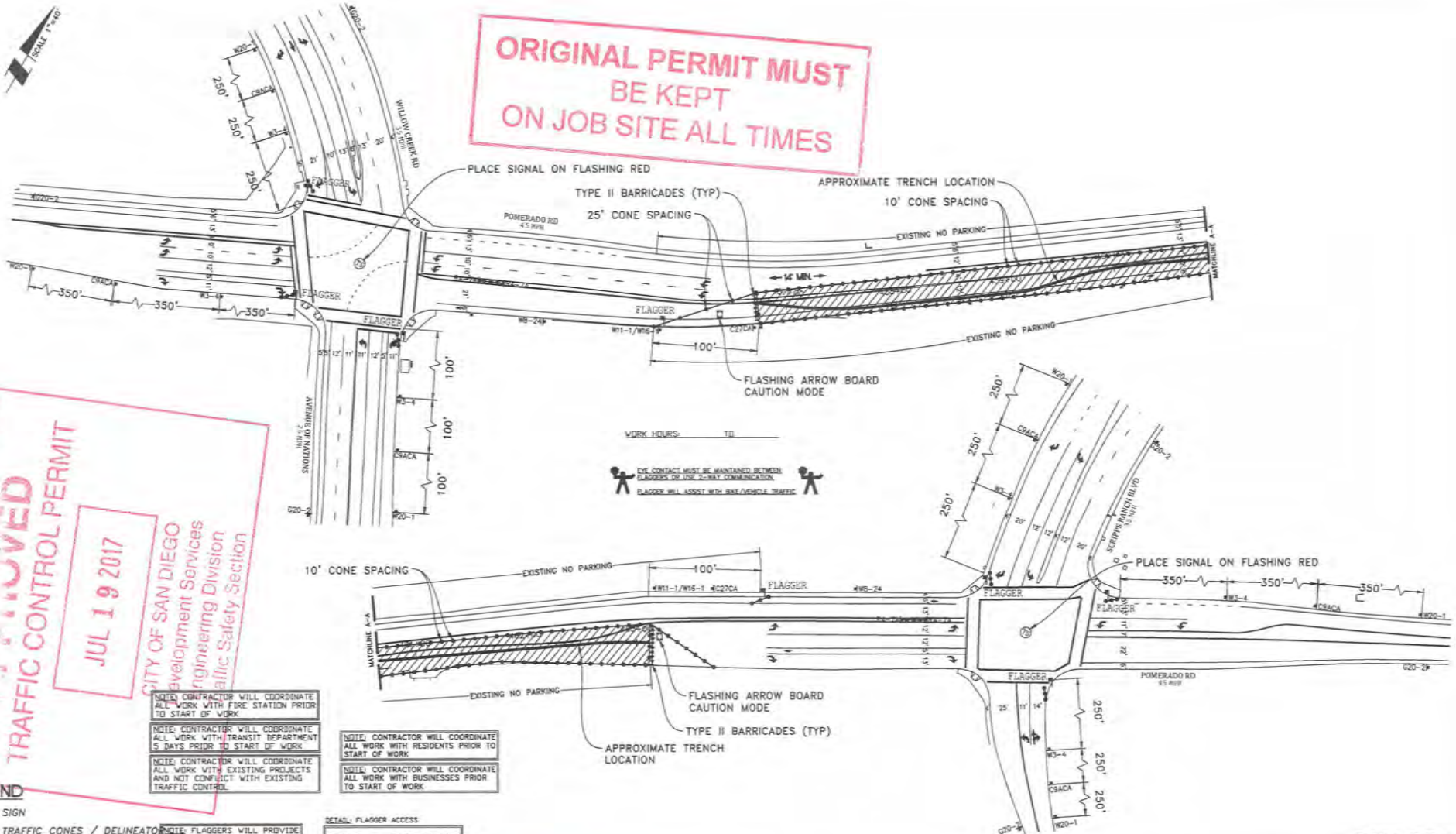


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**APPROVED
TRAFFIC CONTROL PERMIT**

JUL 19 2017

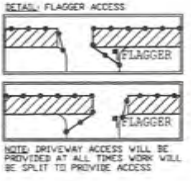
**CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section**



- 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

- 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



AIRX SURVEYORS, INC.

Gail McMorran
President

2534 EAST EL NORTE PARKWAY, SUITE C
BOONINGDO, CA 92007
PHONE: (760) 488-9287
CELL: (760) 418-5738

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#:	

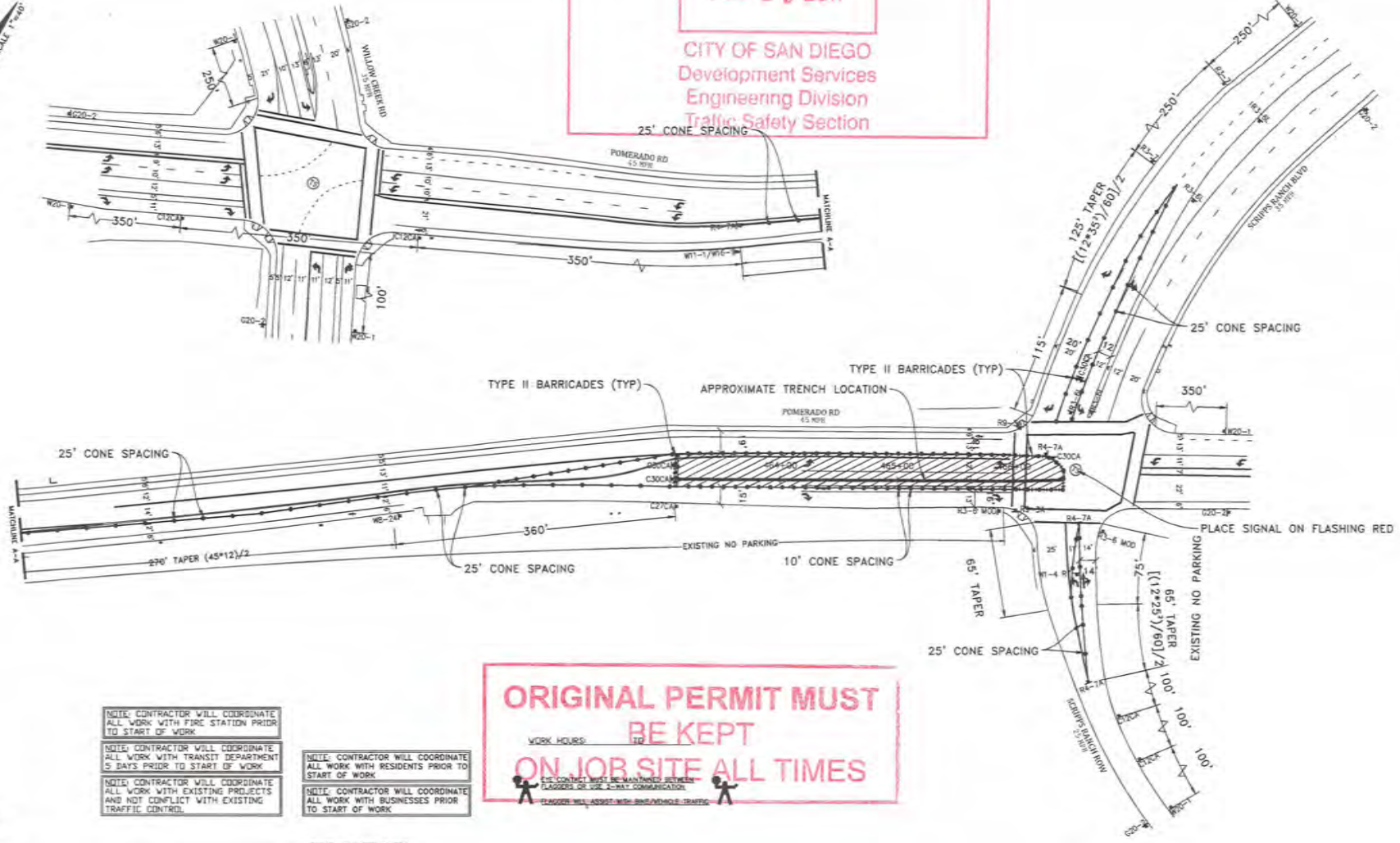
PHASE 86

DATE: Mar. 21, 2017
DESIGNED BY: Clint Jones
SHEET 102 OF 148

APPROVED TRAFFIC CONTROL PERMIT

JUL 19 2017

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section



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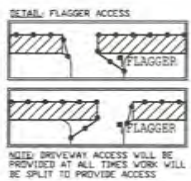
WORK HOURS: _____ TO _____



- 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 BUSINESSES PRIOR TO START OF WORK

- 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
 - ⊥ BARRICADE
 - ⚑ FLAGGER
 - ↔ FLASHING ARROW SIGN
 - ▨ WORK ZONE
 - 🚌 BUS STOP

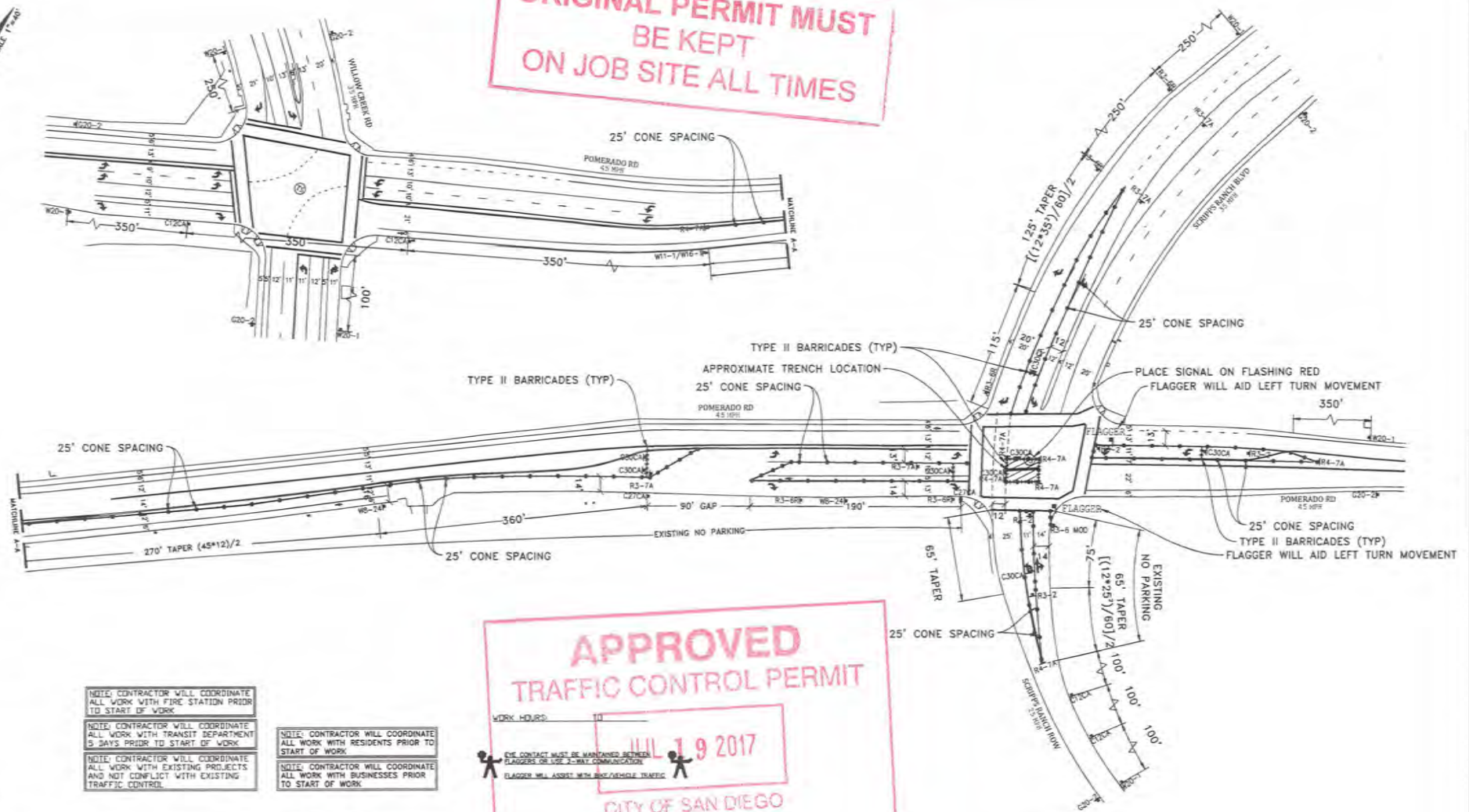
AIRX SURVEYORS, INC.
Gail McMorran
President
2534 EAST EL NORTE PARKWAY, SUITE C
ESCONDIDO, CA 92027
PHONE: (760) 488-2547
CELL: (760) 419-5728

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

PHASE 87

DATE: Mar. 21, 2017
DESIGNED BY: Clint Jones
SHEET 103 OF 148

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES



APPROVED TRAFFIC CONTROL PERMIT

WORK HOURS: TO **4/19/2017**

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section

AIRX SURVEYORS, INC.
2524 EAST EL NORTE PARKWAY, SUITE C
ESCONDIDO, CA 92027
PHONE: (760) 460-2047
CELL: (760) 419-3728

GAILL MCMORRAN
President

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

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

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

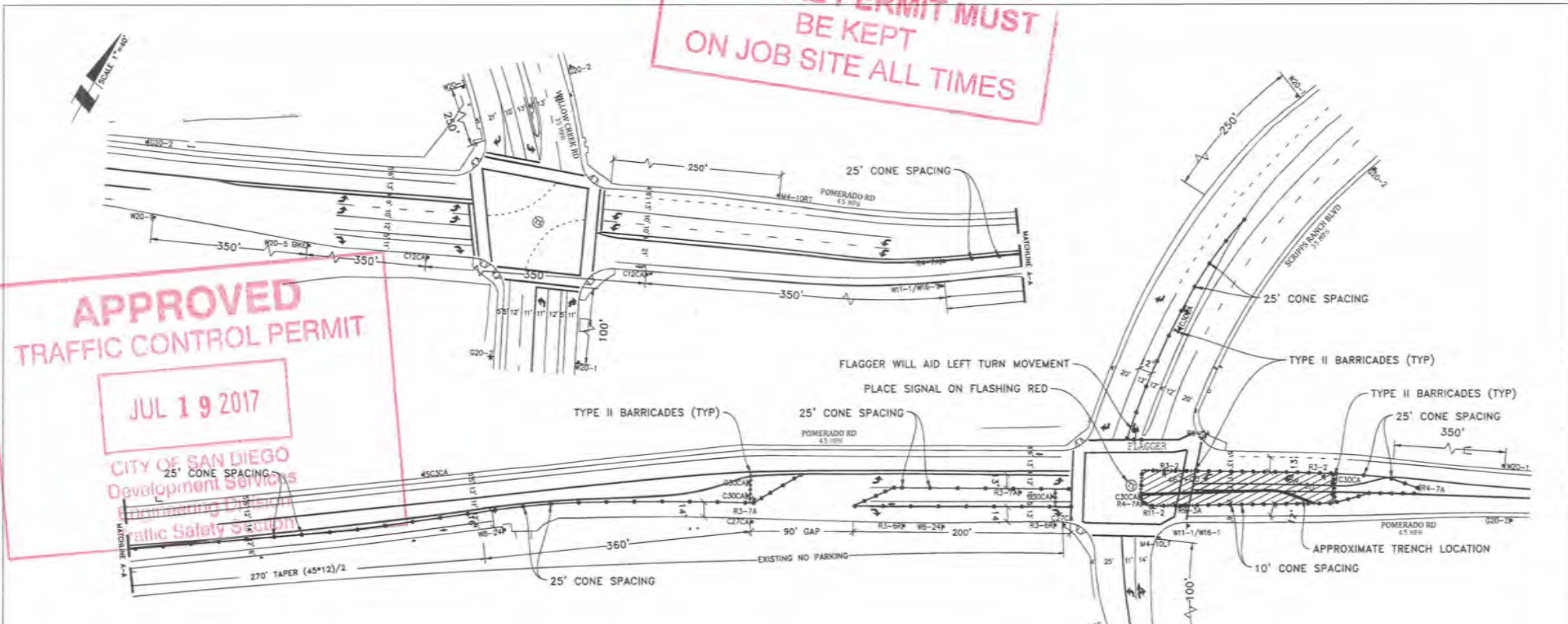
NOTE: DRIVEWAY ACCESS WILL BE PROVIDED AT ALL TIMES WORK WILL BE SPLIT TO PROVIDE ACCESS

PHASE 88

PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND		DATE: Mar. 21, 2017
AIRX JOB#: X160218	THOMAS GRID#:	DESIGNED BY: Clint Jones
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS	
MISC./POTHOLE#:		SHEET 104 OF 148

ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

APPROVED TRAFFIC CONTROL PERMIT
JUL 19 2017
 CITY OF SAN DIEGO
 Development Services
 Engineering Division
 Traffic Safety Section



DETOUR MAP: (NOT TO SCALE)



- LEGEND**
- SIGN
 - TRAFFIC CONES / DELINEATOR
 - I 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

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 COMMUNICATOR
 FLAGGER WILL ASSIST WITH DRIVE/VEHICLE TRAFFIC

AIRX SURVEYORS, INC.
AIRX
 Gail McMorran
 President
 2034 EAST EL NORTE PARKWAY, SUITE C
 ESCONDIDO, CA 92027
 PHONE: (760) 460-2047
 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./POTHOLES#:	

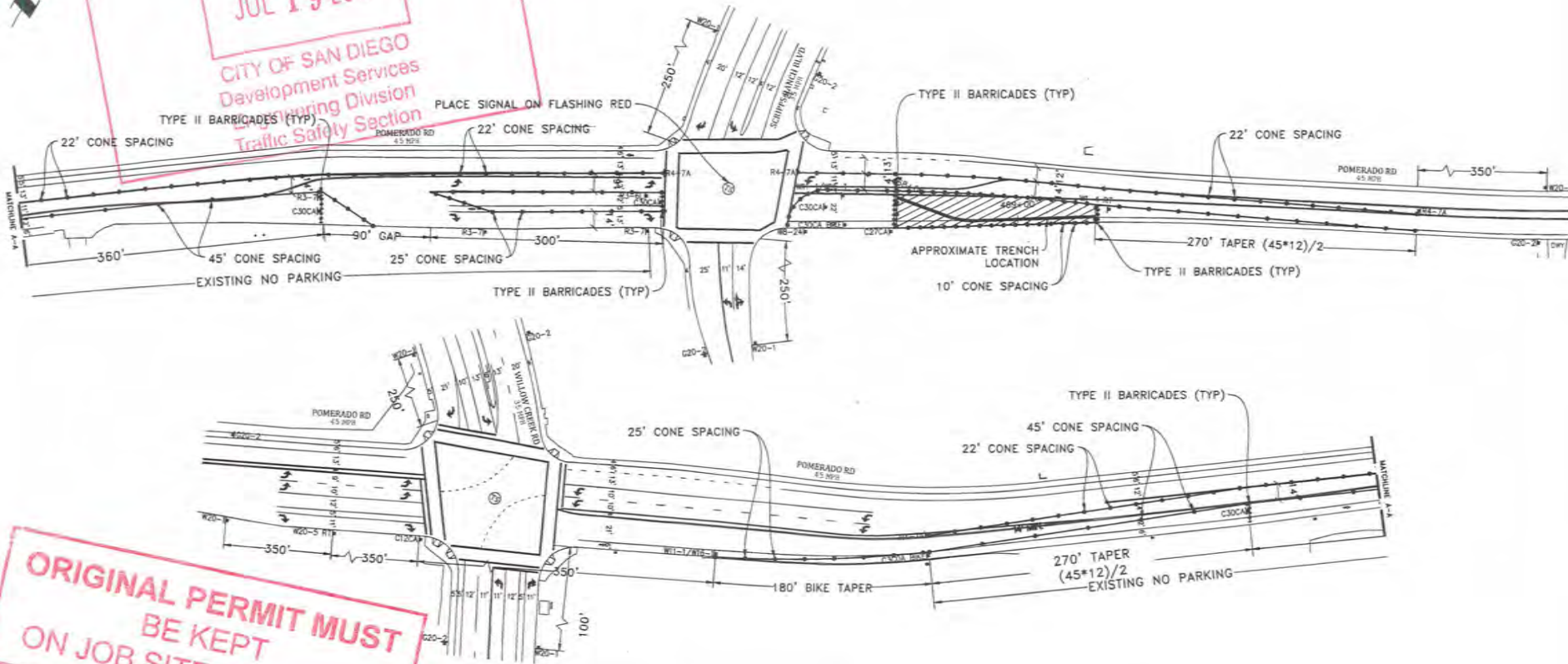
PHASE 89

DATE: Mar. 21, 2017
 DESIGNED BY: Clint Jones
 SHEET 105 OF 148

APPROVED
TRAFFIC CONTROL PERMIT

JUL 19 2017

CITY OF SAN DIEGO
Development Services
Engineering Division
Traffic Safety Section



ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

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

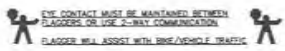
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WORK HOURS: _____ TO _____



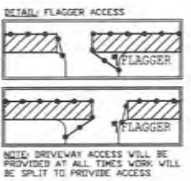
- LEGEND**
- SIGN
 - TRAFFIC CONES / DELINEATOR
 - BARRICADE
 - FLAGGER
 - FLASHING ARROW SIGN
 - WORK ZONE
 - BUS STOP

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

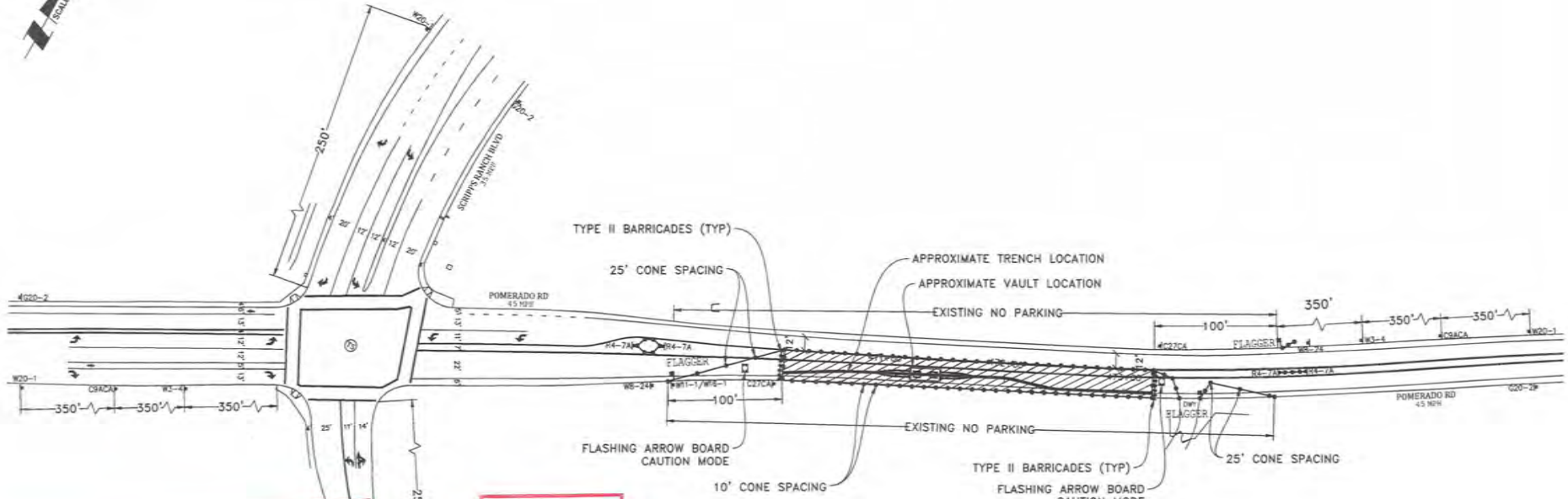


AIRX SURVEYORS, INC.
Gail McMorran
President
2004 EAST EL NORTE PARKWAY, SUITE C
ESCONDIDO, CA 92027
PHONE: (760) 480-2547
CELL: (951) 418-9738

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#:	

PHASE 90

DATE: Mar. 21, 2017
DESIGNED BY: Clint Jones
SHEET 106 OF 148



APPROVED
TRAFFIC CONTROL PERMIT

JUL 19 2017

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

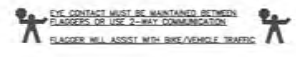
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WORK HOURS: _____ TO _____



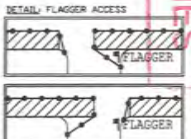
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- SIGN
 - TRAFFIC CONES / DELINEATOR
 - BARRICADE
 - FLAGGER
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NOTE: W8-24 STEEL PLATES AHEAD SIGNS WILL REMAIN IN PLACE FOR DURATION OF WORK



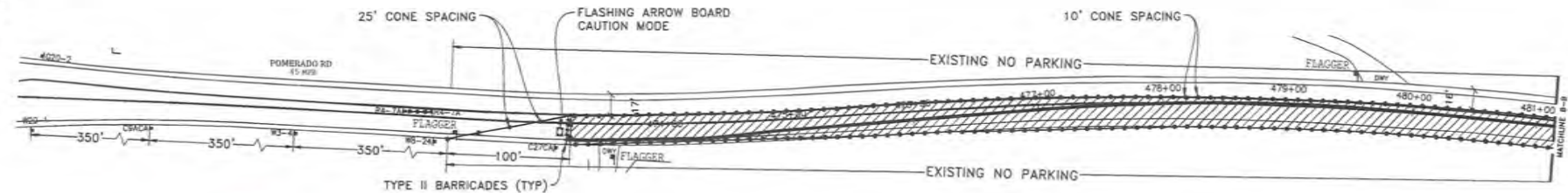
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 Gail McMoran
 President
 2534 EAST EL NORTE PARKWAY, SUITE C
 ESCONDIDO, CA 92027
 PHONE: (760) 485-2547
 CELL: (760) 419-5708

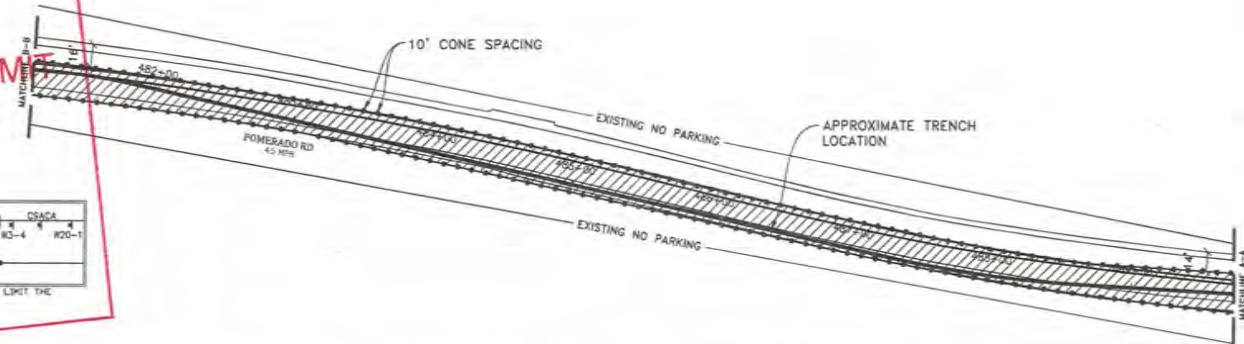
PROJECT NAME: TL23071 - SYCAMORE CANYON SUBSTATION TO PENASQUITOS - 230 KV UNDERGROUND	
AIRX JOB#: X160218	THOMAS GRID#:-
TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

PHASE 91

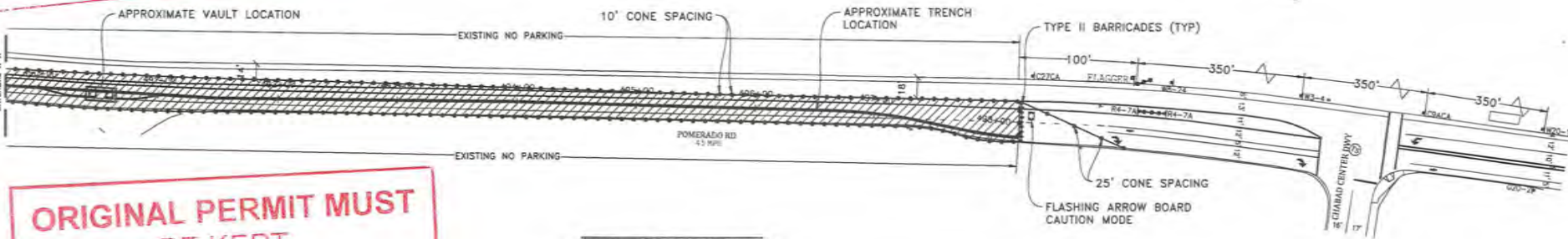
DATE: Mar. 21, 2017
DESIGNED BY: Clint Jones
SHEET 107 OF 148



APPROVED
TRAFFIC CONTROL PERMIT
JUL 19 2017
 CITY OF SAN DIEGO
 Development Services
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NOTE: VAULT INSTALL AND TRENCHING WILL BE CONSTRUCTED IN SEPARATE PHASES.



ORIGINAL PERMIT MUST BE KEPT ON JOB SITE ALL TIMES

LEGEND

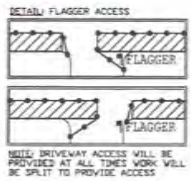
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- TRAFFIC CONES / DELINEATOR
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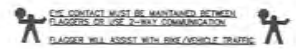
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WORK HOURS: _____ TO _____



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 PHONE: (951) 438-2347
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TYPE OF WORK: TRENCHING / CONDUIT	DRAWN FOR: CALTRANS
MISC./POTHOLE#:	

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