

SFMTA - TASC SUMMARY SHEET

PreStaff_Date: 1/28/2021 Requested_by: SFPW Handled: Elizabeth Chen <i>PS</i> Section Head : MS <i>MS</i>	<input type="checkbox"/> Public Hearing Consent <input checked="" type="checkbox"/> Public Hearing Regular <input type="checkbox"/> Informational / Other <small>PH - Regular</small>	No objections: _____ Item Held: _____ Other: _____
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Location: Jerrold Avenue between Phelps Street and Rankin Street

Subject: Jerrold Avenue Streetscape

PROPOSAL / REQUEST:

RESCIND – 45-DEGREE ANGLE PARKING
 Jerrold Avenue, north side, from Phelps Street to 215 feet to west of Quint Street

ESTABLISH – SIDEWALK WIDENING
 Jerrold Avenue, south side, from Phelps Street to 272 feet west of Quint Street (10-foot sidewalk widening)

ESTABLISH – SIDEWALK WIDENING
 ESTABLISH – TOW-AWAY, NO STOPPING ANYTIME
 Jerrold Avenue, north side, from Phelps Street to 32 feet westerly (6-foot wide bulb)

ESTABLISH – MIDBLOCK CROSSWALK
 Jerrold Avenue, 335 feet west of Phelps Street

ESTABLISH – SPEED TABLES
 Jerrold Avenue, between Phelps Street and Quint Street (2 speed tables)

(Supervisor District 10)

BACKGROUND INFORMATION / COMMENTS

Jerrold Avenue Streetscape Project will widen the southern sidewalk and install RRFBs at a new midblock crossing to improve pedestrian safety along Jerrold Avenue. This project will follow the completion of the SFPUC Biosolids Digester Facilities Project. As part of the SFPUC project, the Biosolids Digester Facility will move from the southeast corner of Jerrold and Quint to the north side of Jerrold with the main entrance at Rankin.

PUC will be directing vendor trucks entering the PUC main driveway that they must make a westbound right turn into the facility.

No impacts to Muni.

No impacts to surrounding bike routes.

6 injury collisions between Phelps and Rankin in the past 5 years. Includes 1 vehicle/pedestrian collision.

Posted speed limit of 25 MPH

Approximately 30 crossings per hour at proposed midblock crossing location during morning/evening commute and lunch times

HEARING NOTIFICATION AND PROCESSING NOTES:

ENVIRONMENTAL CLEARANCE BY:

SFMTA Attached Pending

CHECK IF PREPARING SEPARATE SFMTA BOARD CALENDAR ITEM FOR PROPOSAL:

Jerrold Streetscape

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ESTABLISH – SPEED TABLES

Jerrold Avenue, between Phelps Street and Quint Street (2 speed tables)

(Supervisor District 10)

Proposal to widen sidewalks on Jerrold Avenue and establish a midblock crossing with Rectangular Rapid Flash Beacons (RRFBs) at the San Francisco Public Utilities Commission building.

Elizabeth Chen, elizabeth.chen@sfmta.com

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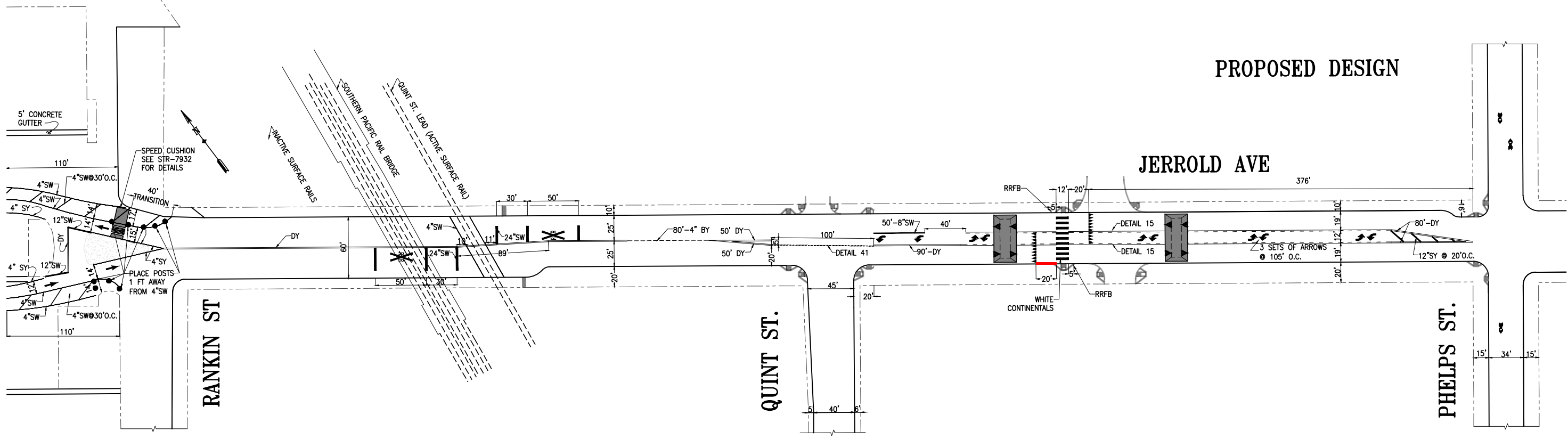
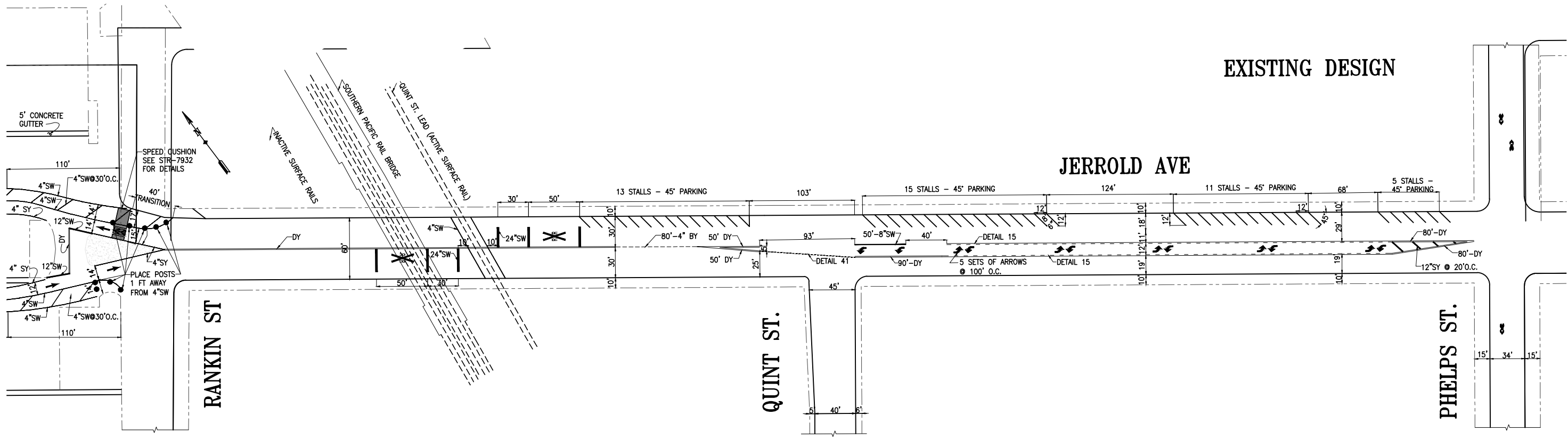
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NO.	DATE	DESCRIPTION	BY	APP
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				



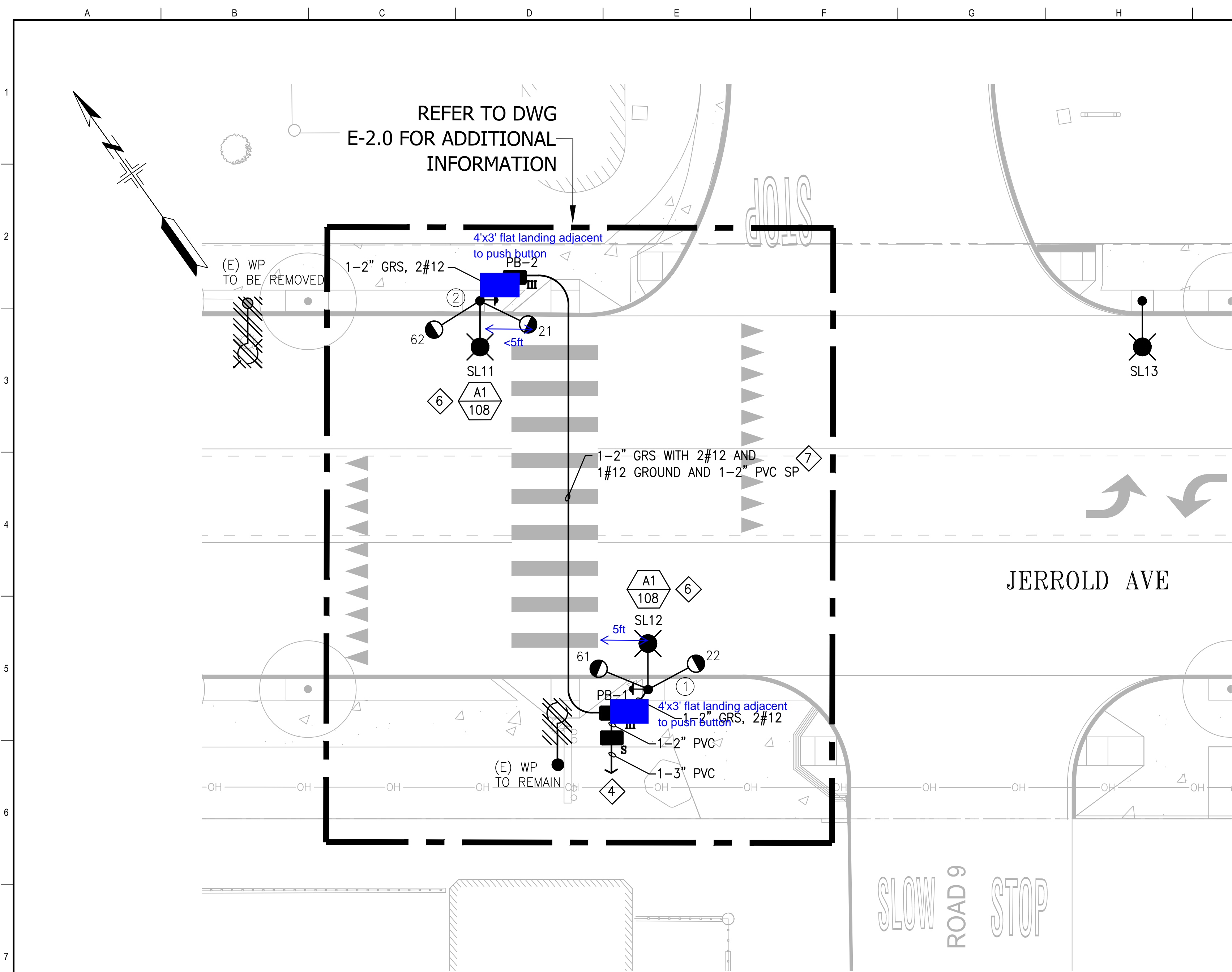
APPROVED	SCALE:
SENIOR ENGINEER	1"=50'
CITY TRAFFIC ENGINEER	SHEET/SHEETS:

PROPOSED DESIGN

JERROLD AVENUE
QUINT STREET TO PHELPS STREET

CONTRACT NO.
DRAWING NO.
FILE NO.
REV. NO.

EXTERNAL REFERENCES:
FONTS USED:
SCALE FACTOR:
PLOT SCALE:
ORIGIN:
FILE NAME:
DATE:

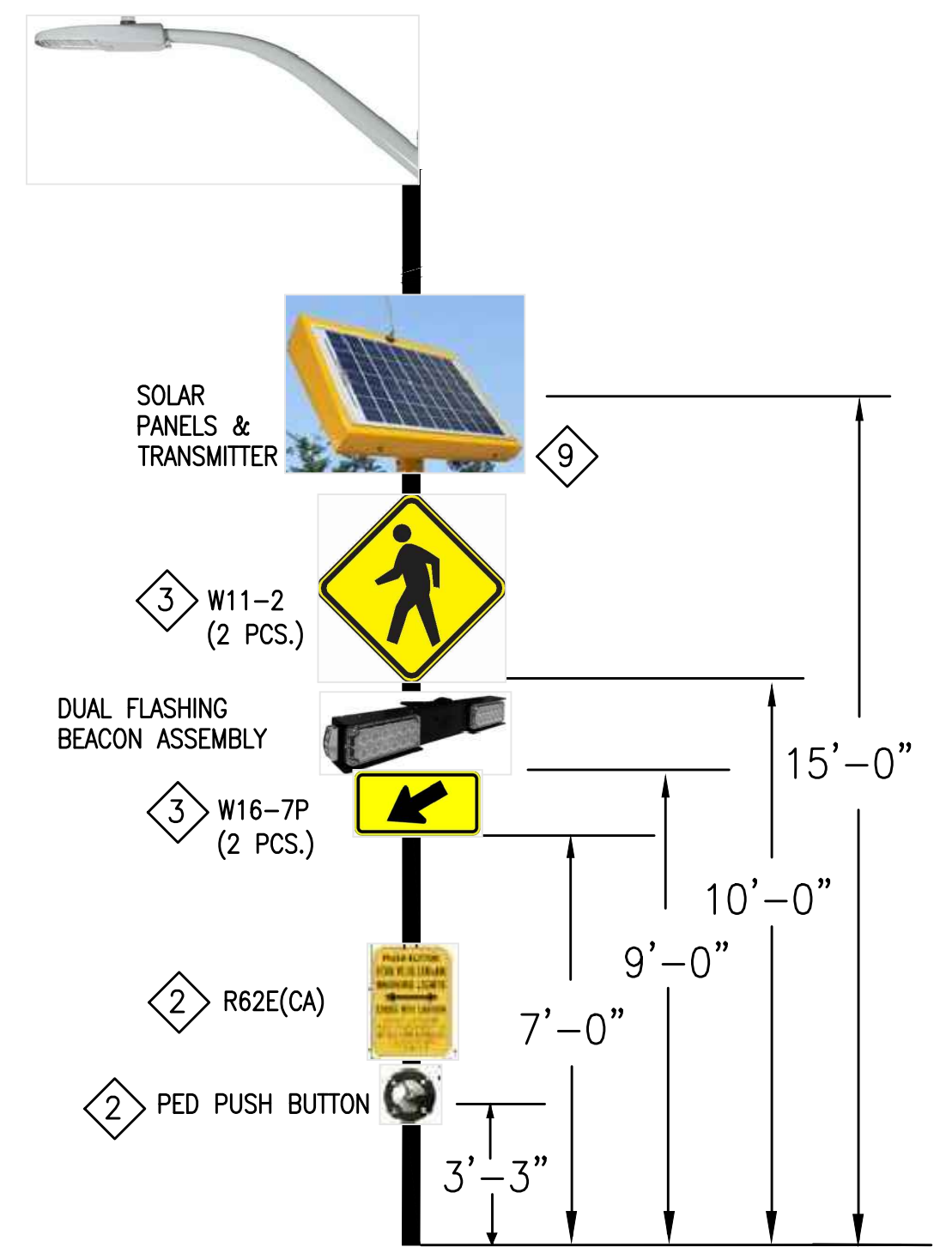
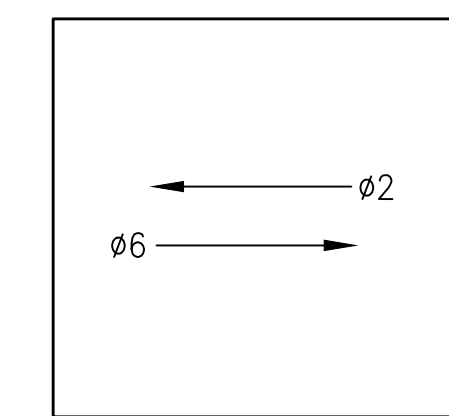


POLE AND EQUIPMENT SCHEDULE										
POLE No.	TYPE OF POLE	LUMINAIRE VOLTAGE/WATTAGE	VEHICLE SIGNAL				PEDESTRIAN SIGNAL			REMARKS
			No.	TYPE	MOUNTING	VISORS	LOUVERS	No.	TYPE	
①	STEEL STREET LIGHT POLE	120V/108W ⑤	22 61	①	SIDE MOUNT SIDE MOUNT					APS SIDE MOUNT SOLAR PANEL & TRANSMITTER & CHARGER
②	STEEL STREET LIGHT POLE	120V/108W ⑤	21 62	①	SIDE MOUNT SIDE MOUNT					APS SIDE MOUNT SOLAR PANEL & TRANSMITTER & CHARGER

SHEET NOTES

- ① F/1 JSF TECHNOLOGIES HYBRID SOLAR AB-9407-AC DUAL SIDED RECTANGULAR RAPID FLASHING BEACON ASSEMBLY (BLACK COLOR), SOLAR PANEL, AC ENCLOSURE, AND TRANSMITTER, REFER TO DETAIL A.
F/1 4 #14 WIRES TO CONNECT TRANSMITTER WITH BEACONS WITHIN THE SAME POLE.
F/1 2 #10 WIRES TO CONNECT TRANSMITTER WITH PEDESTRIAN PUSH BUTTON WITHIN THE SAME POLE.
- ② F/1 PEDESTRIAN PUSH BUTTON (NON-LATCHING) AND R62E(CA) SIGN ON POLE
- ③ CITY FORCES TO INSTALL THE NEW MUTCD SIGNS W11-2 AND W16-7P SO THAT THE SIGNS ARE INSTALLED ON BOTH SIDES OF POLE WITH ARROWS POINTING TOWARD THE CROSSWALK
- ④ REFER TO PG&E CONSTRUCTION SKETCH PRIOR TO INSTALLATION. CITY SERVICE BOX SHALL BE WITHIN 5 FEET FROM PG&E SERVICE WHERE APPLICABLE. PG&E SERVICE ESTIMATED 100 FEET FROM CITY SERVICE BOX.
- ⑤ REFER TO E-0.1 FOR FIXTURE SCHEDULE
- ⑥ REFER TO E-2.0 FOR STREET LIGHT WIRING AND CONDUIT.
- ⑦ REFER TO E-2.0 FOR SHARED CONDUIT TRENCH.
- ⑧ 1-20A FOR RRFB AC POWER-BATTERY TENDER. PROVIDE LABELING: "RRFB-AC POWER"
- ⑨ PROVIDE BATTERY TENDER FOR MAINTENANCE DISCONNECT. COORDINATE WITH RRFB MANUFACTURER.

PHASE DIAGRAM



RRFB DETAIL FOR POLES 1 & 2
NTS

CONTRACT NO. WW-647R

CITY AND COUNTY OF SAN FRANCISCO
PUBLIC UTILITIES COMMISSION
INFRASTRUCTURE DIVISION
ENGINEERING MANAGEMENT BUREAU

SOUTHEAST WATER POLLUTION CONTROL PLAN T
BIOSOLIDS DIGESTER FACILITIES PROJECT

JERROLD AVENUE AT ROAD 9
RRFB SIGNAL



CITY AND COUNTY OF SAN FRANCISCO
PUBLIC WORKS
BUREAU OF ENGINEERING

ACTING SECTION MANAGER C. IAO	DRAWN G. LY	10/2020
ACTING DEPUTY BUREAU MANAGER L. WONG	DESIGNED G. LY	10/2020
ACTING BUREAU MANAGER I. DHAPA	CHECKED S. LEE	12/2020

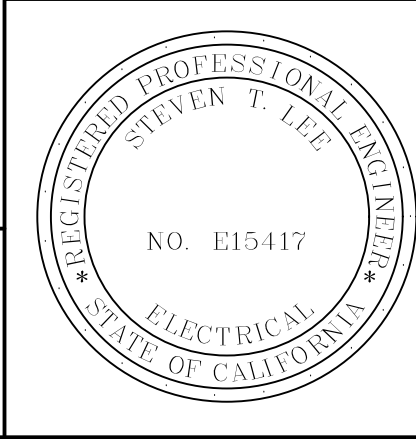
CHECKED / APPROVED	DRAWN
SECTION MANAGER	DESIGNED
WWE D&M MANAGER	SCALE
APPROVED	DATE
	AS SHOWN
	DECEMBER 30, 2020

MANAGER, ENGINEERING MANAGEMENT BUREAU	WWE ENGINEERING MANAGER
PLAN NO.	DRAWING / FILE NO.
E-3.0	
REVISION NO.	
	0

FOR CONSTRUCTION

FOR THE SOLE USE OF THE DOCUMENT
RECIPIENT - DO NOT CITE, COPY, OR
CIRCULATE WITHOUT THE EXPRESSED
PERMISSION OF THE SFPUC.

ELEVATION
DATUM
CCSF



NO.	DATE	DESCRIPTION	BY	APPROVED
REVISIONS				





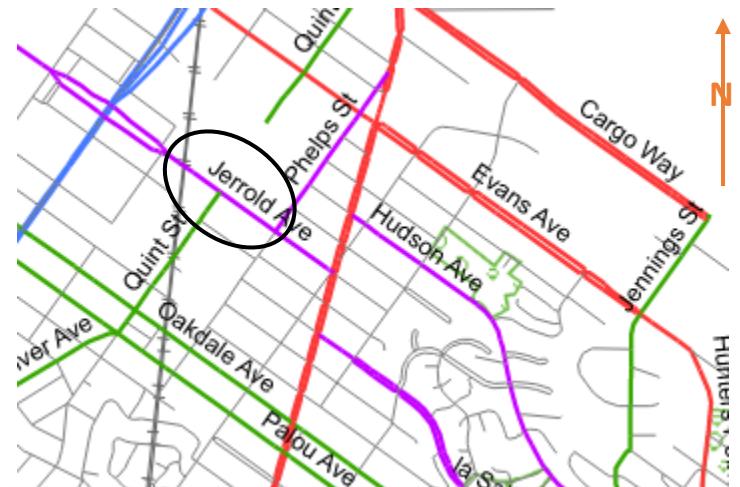
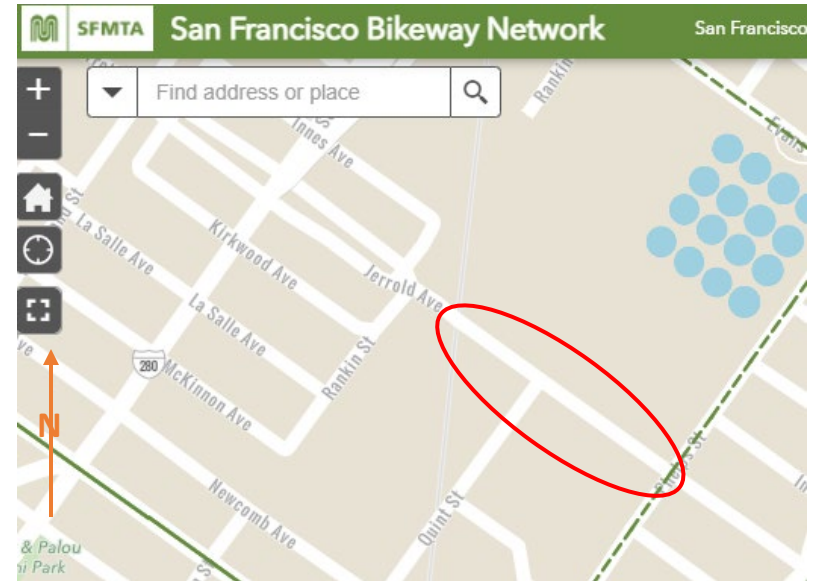
Eastbound Jerrold Avenue looking towards Quint Street

Source: Google Streetview March 2019



Westbound Jerrold Avenue looking towards Phelps Street

Source: Google Streetview March 2019



Jerrold Avenue is classified as a major collector

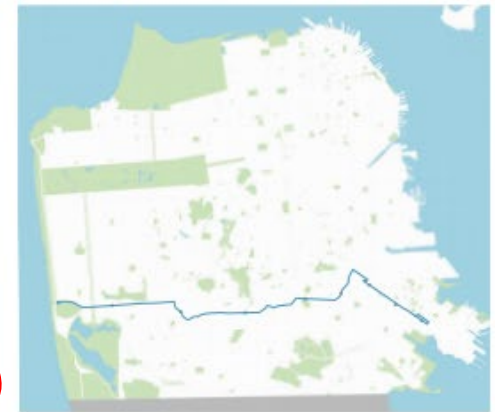
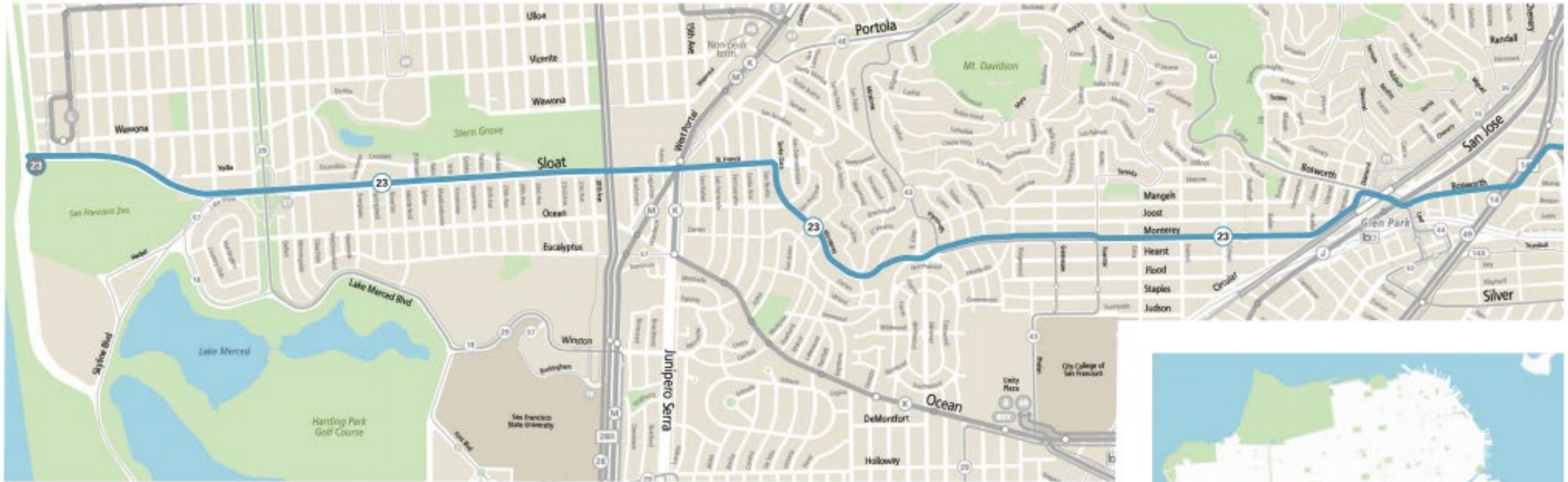
** See following page for updated Muni Route map for the 23-Monterey which no longer runs on Jerrold Ave



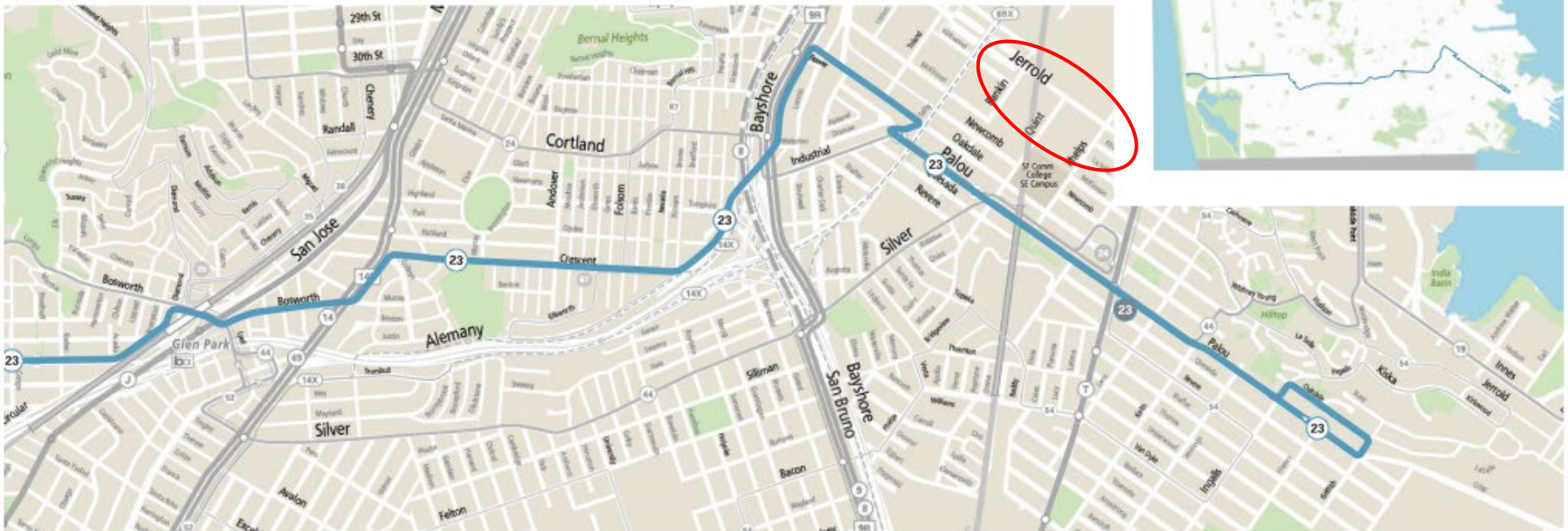
23 Monterey

effective 2/22/2020

Ocean Beach to Glen Park BART Station



Glen Park BART Station to Bayview/Hunter's Point



TransBASE Internal Dashboard

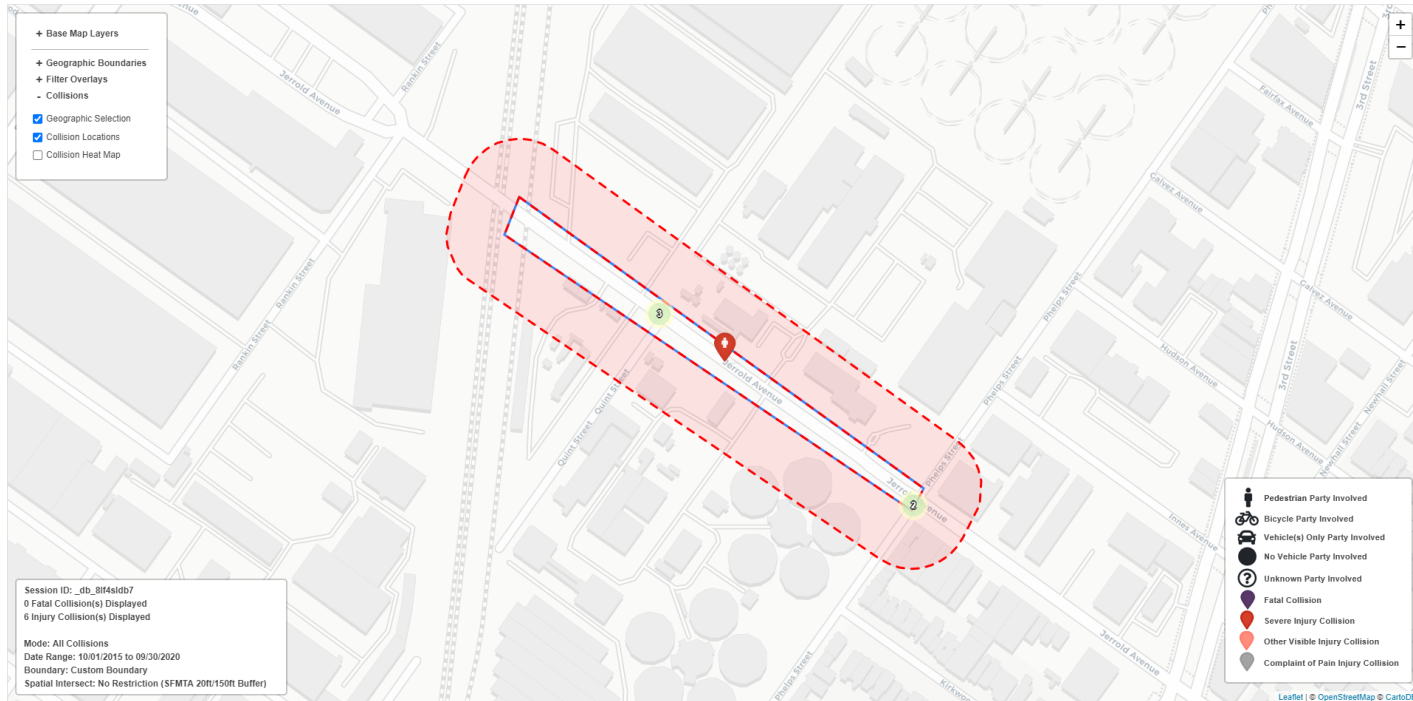
Geographic Extent: Custom Boundary

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 10/01/2015 to 09/30/2020

Pull Date: 1/12/2021

Geographic Extent



TransBASE Internal Dashboard

Geographic Extent: Custom Boundary

Spatial Intersect: No Restriction (SFMTA 20ft/150ft Buffer)

Data Range: 10/01/2015 to 09/30/2020

Pull Date: 1/12/2021

Collision/Party/Victim Table

Showing 1 to 6 of 6 entries

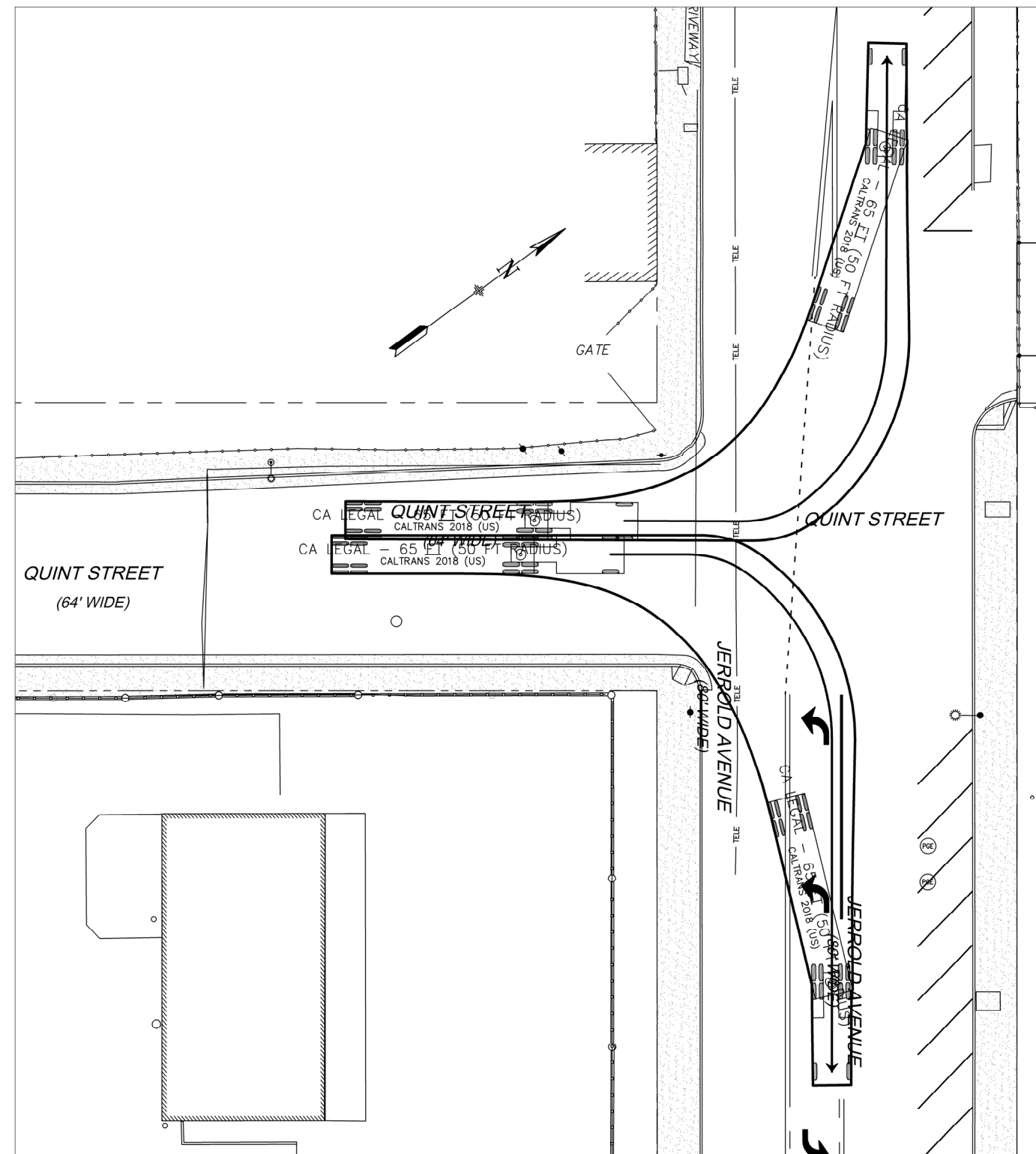
Count of Fatal Collisions: 0

Count of Non-Fatal Injury Collisions: 6

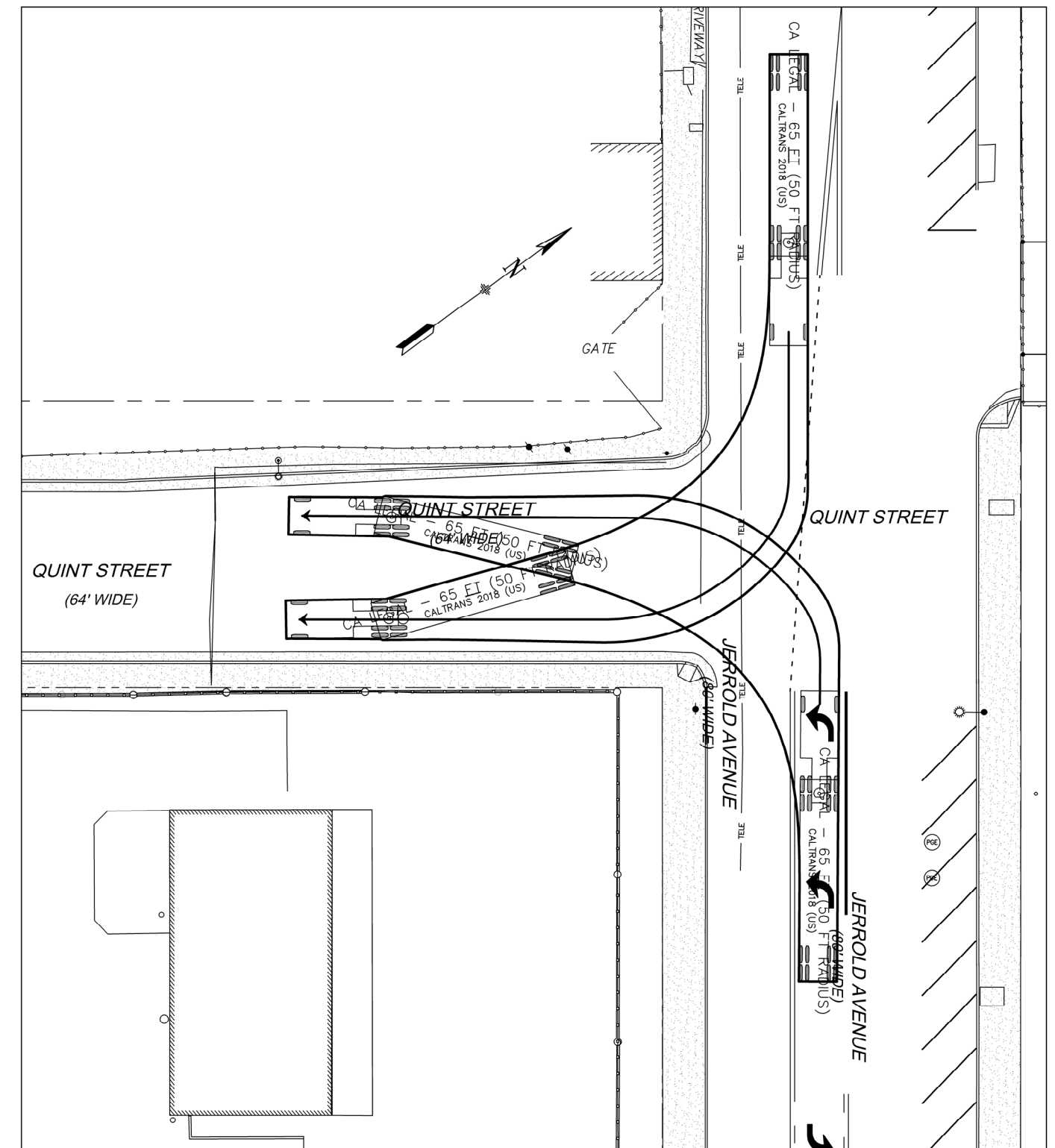
Total Count of Fatal/Non-Fatal Injury Collisions: 6

Case ID	Collision Date	Collision Time	Day of Week	Primary Road	Secondary Road	Distance	Direction	Party 1 Type	Party 1 Direction of Travel	Party 1 Movement Preceding Crash	Party 2 Type	Party 2 Direction of Travel	Party 2 Movement Preceding Crash	Vehicle Code Violation	Highest Degree of Injury	Type of Collision	Motor Vehicle Involved With	Weather	Lighting
200282587	05/07/2020	19:41	Thursday	JERROLD AVE	QUINT ST	0	Not Stated	Driver	North	Making U Turn	Driver	West	Proceeding Straight	CVC 22102	Injury (Other Visible)	Broadside	Other Motor Vehicle	Clear	Daylight
200110803	02/13/2020	15:06	Thursday	QUINT ST	JERROLD AVE	0	Not Stated	Driver	North	Proceeding Straight	Driver	West	Proceeding Straight	CVC 21804(a)	Injury (Complaint of Pain)	Overtuned Broadside	Other Motor Vehicle	Cloudy	Daylight
180633864	08/23/2018	01:20	Thursday	JERROLD AVE	QUINT ST	158	East	Driver	West	Proceeding Straight	Pedestrian	North	Proceeding Straight	CVC 22350	Injury (Severe)	Vehicle/ Pedestrian	Other Motor Vehicle	Clear	Dark - Street Lights
170982085	12/04/2017	15:07	Monday	PHELPS ST	JERROLD AVE	0	Not Stated	Driver	South	Proceeding Straight	Driver	East	Proceeding Straight	CVC 22450(a)	Injury (Complaint of Pain)	Broadside Traffic Signs	Other Motor Vehicle	Clear	Daylight
170878183	10/27/2017	10:00	Friday	PHELPS ST	JERROLD AVE	30	South	Driver	North	Proceeding Straight	Driver	North	Slowing/ Stopping	CVC 21703	Injury (Complaint of Pain)	Rear End	Other Motor Vehicle	Clear	Daylight
160300378	04/12/2016	11:18	Tuesday	JERROLD AVE	QUINT ST	32	West	Driver	North	Making Left Turn	Driver	East	Proceeding Straight	CVC 22107	Injury (Complaint of Pain)	Sideswipe Exiting DW	Other Motor Vehicle	Clear	Daylight

EXITING



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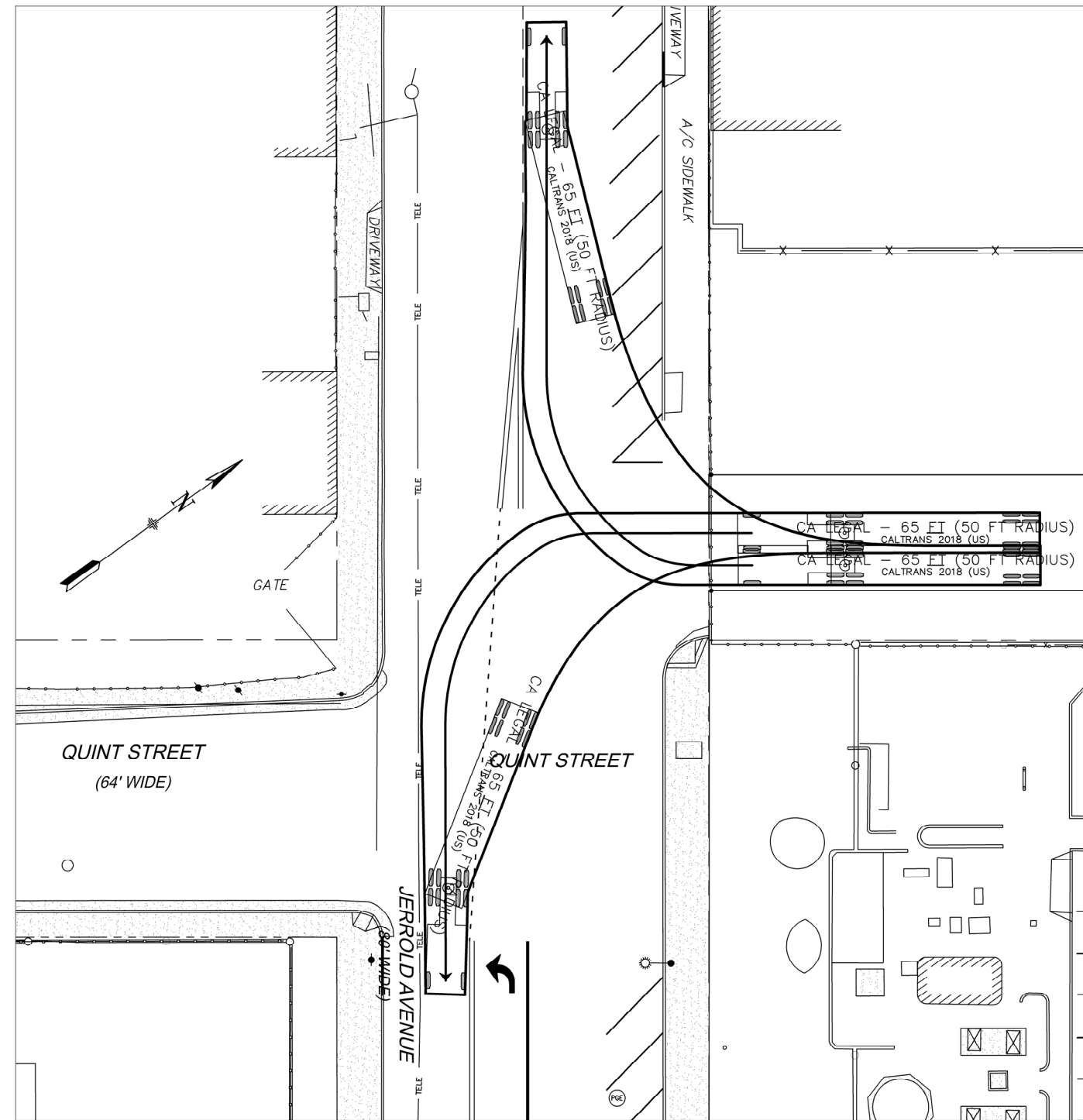
APPROVED	SCALE:
SENIOR ENGINEER	1" = 16'
CITY TRAFFIC ENGINEER	SHEET/SHEETS:
	1 OF 10

JERROLD AVENUE STREETSCAPE PROJECT
 WB-65 (50') TURNING TEMPLATES
 DRAFT
 JERROLD AVENUE AT QUINT STREET
 EXISTING CONDITIONS
 SOUTH SIDE

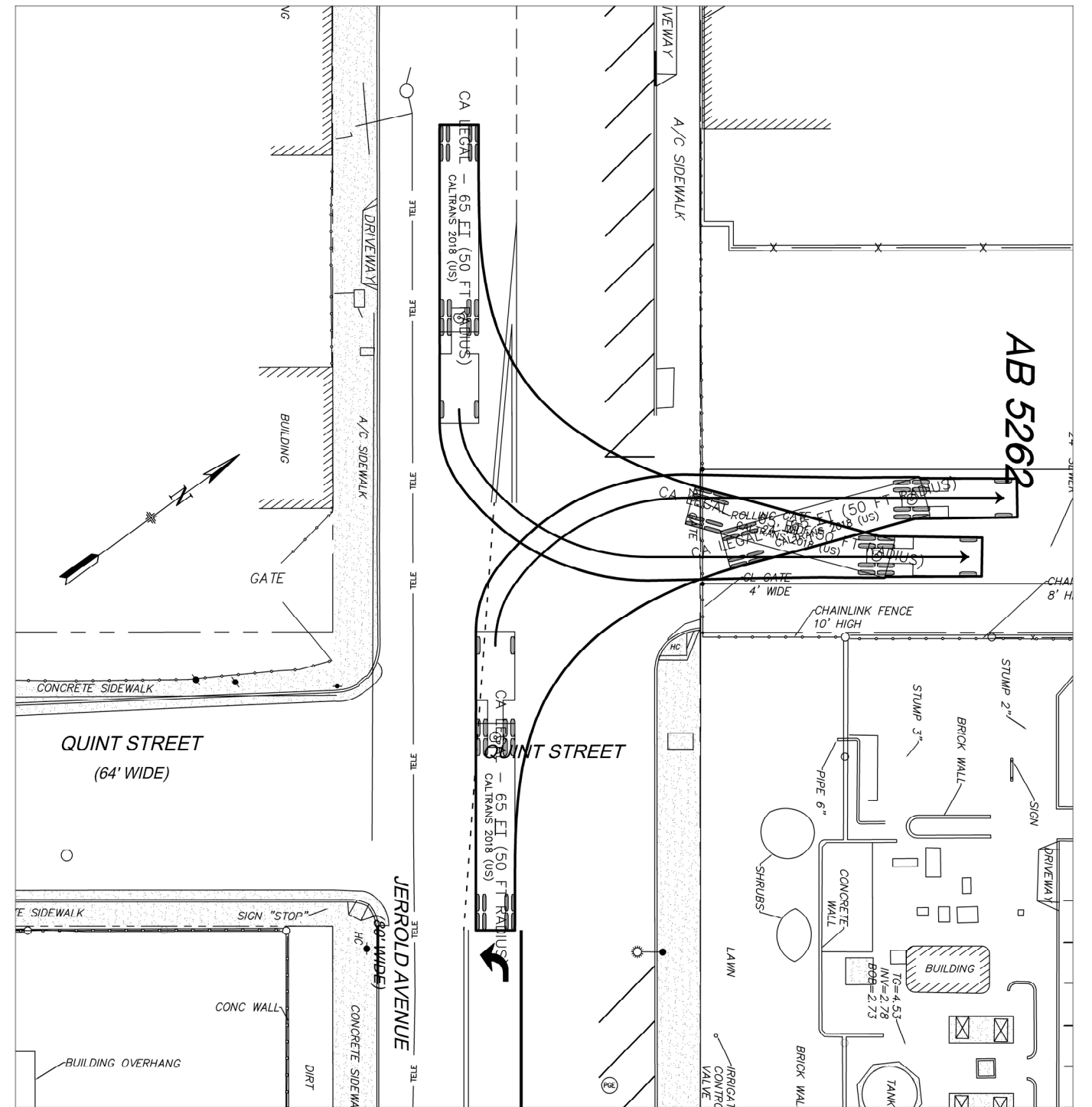
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DRAWING NO.
FILE NO.
REV. NO.

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SFMTA



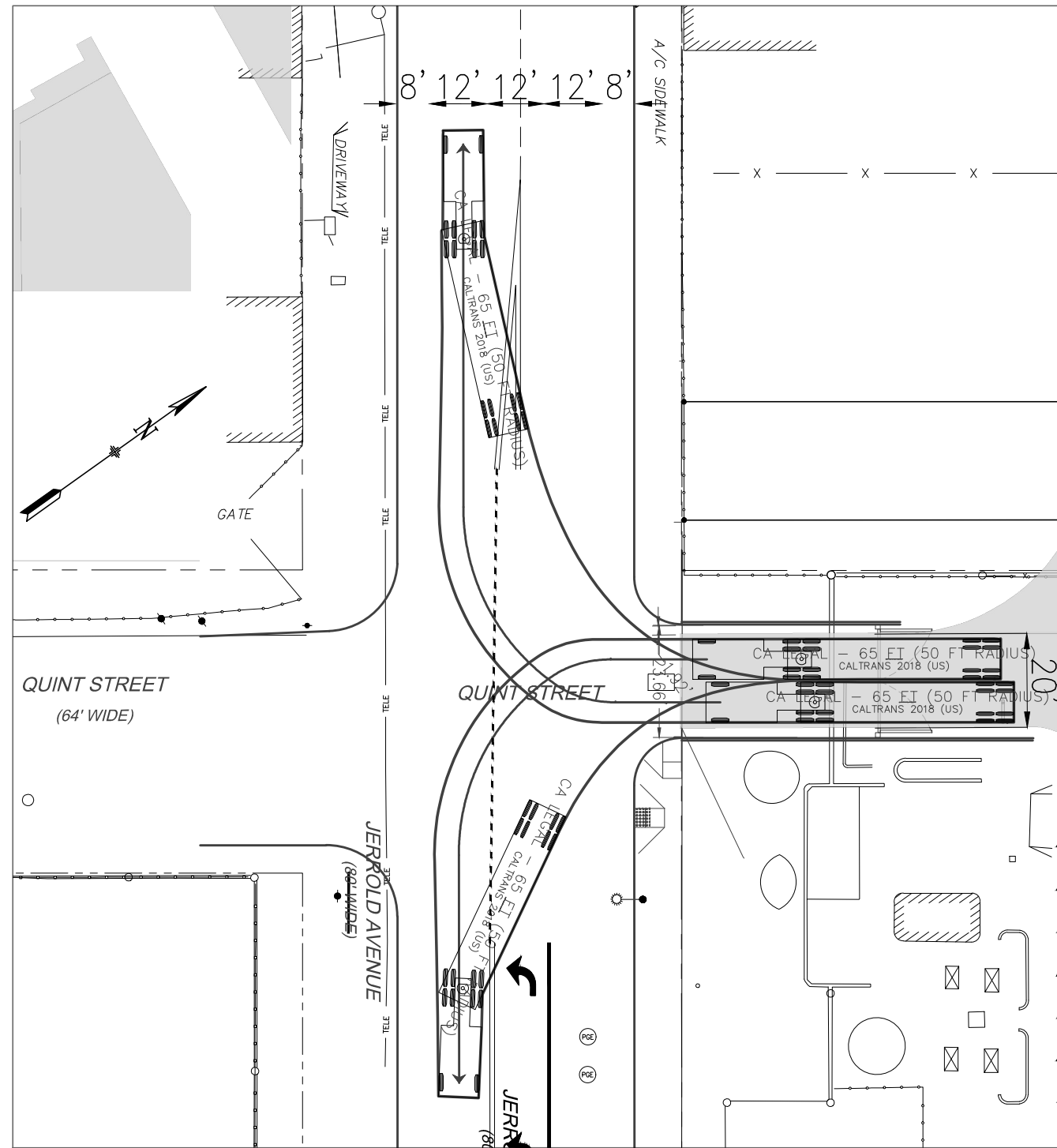
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				CITY TRAFFIC ENGINEER		SHEET/SHEETS:	
						3 OF 10	

JERROLD AVENUE STREETSCAPE PROJECT
WB-65 (50') TURNING TEMPLATES
DRAFT
JERROLD AVENUE AT QUINT STREET
EXISTING CONDITIONS
NORTH SIDE

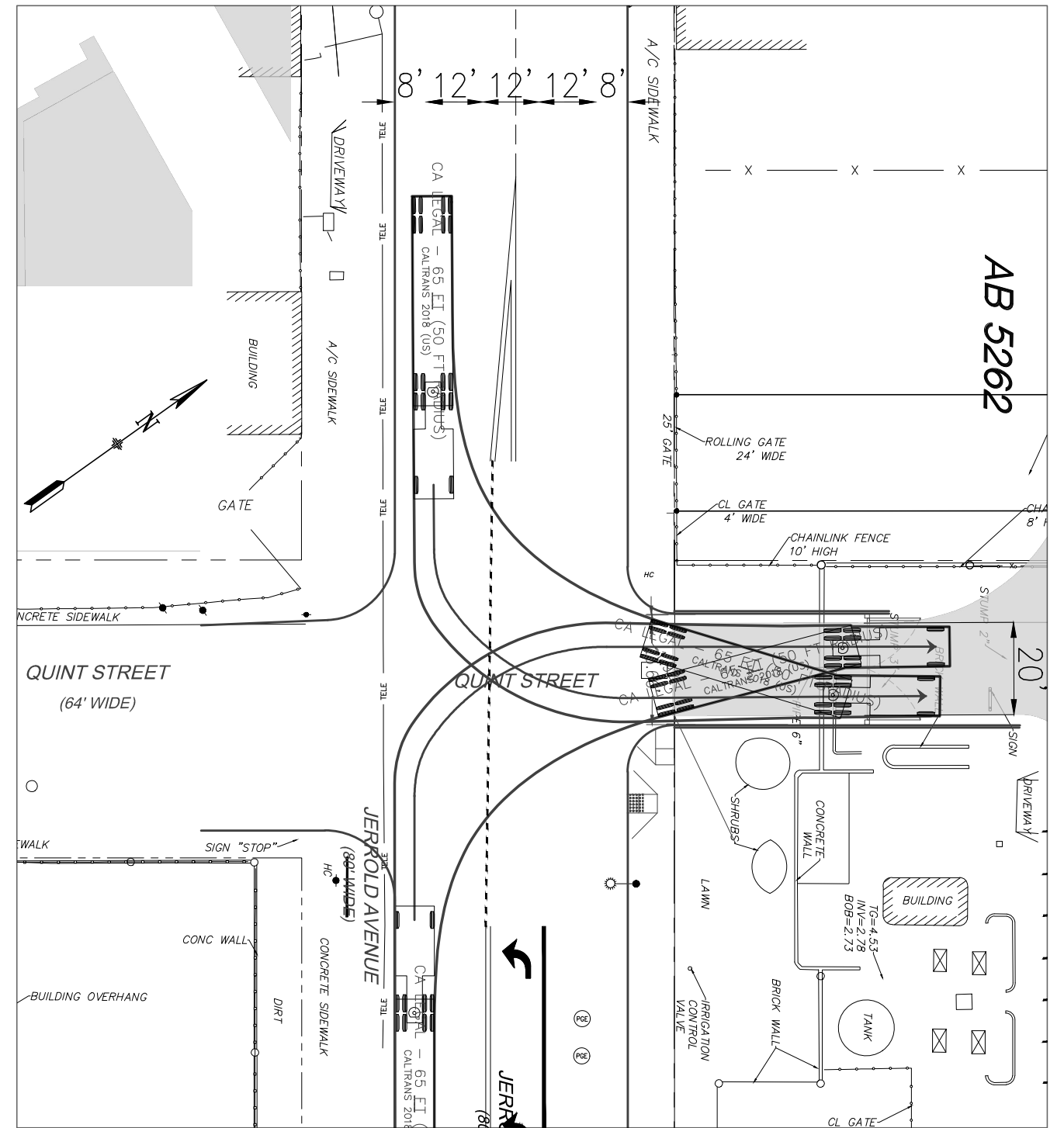
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APPROVED	SCALE:
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CITY TRAFFIC ENGINEER	SHEET/SHEETS:
	4 OF 10

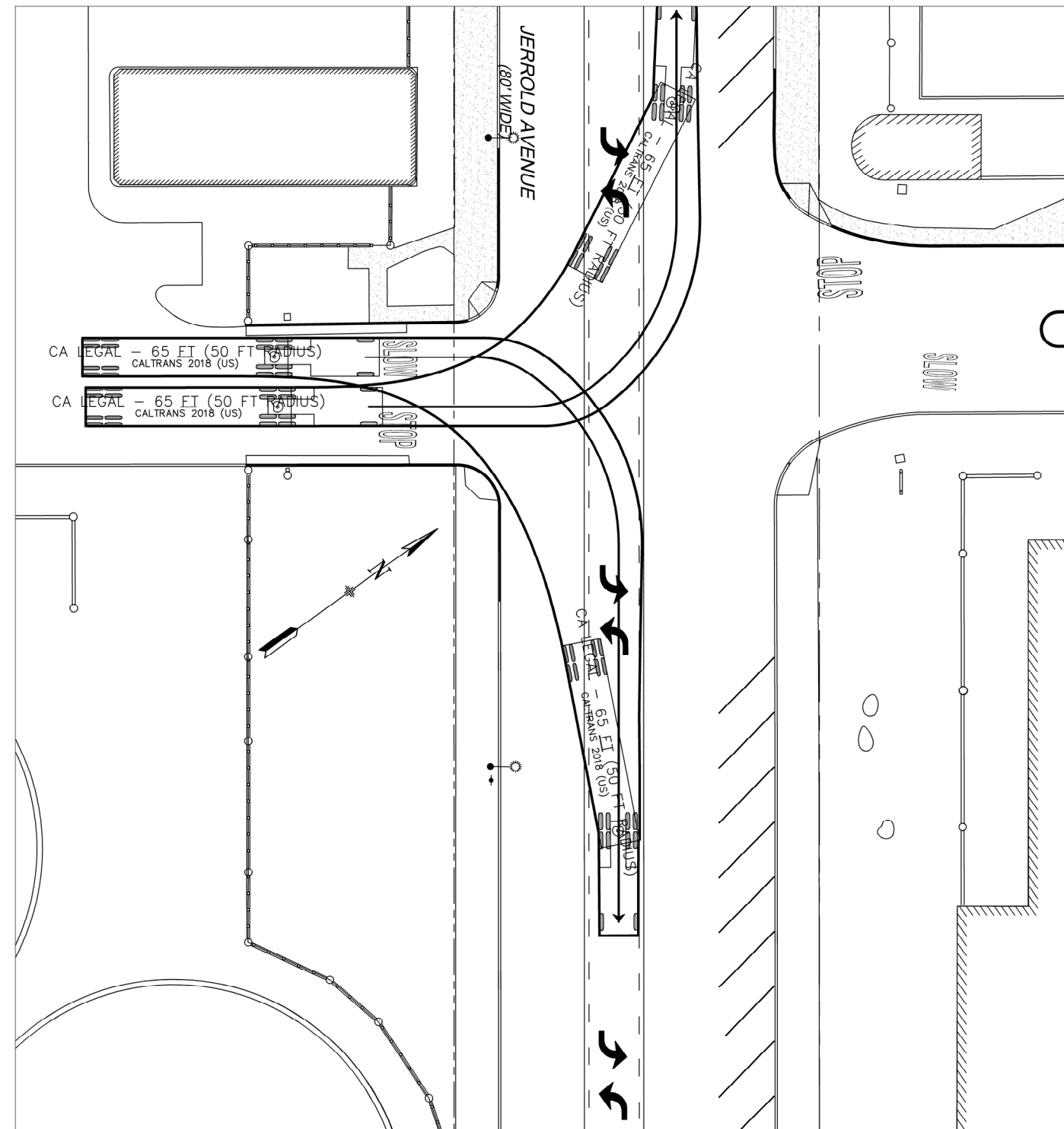
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WB-65 (50') TURNING TEMPLATES
DRAFT

JERROLD AVENUE AT QUINT STREET
PROPOSED CONDITIONS
NORTH SIDE

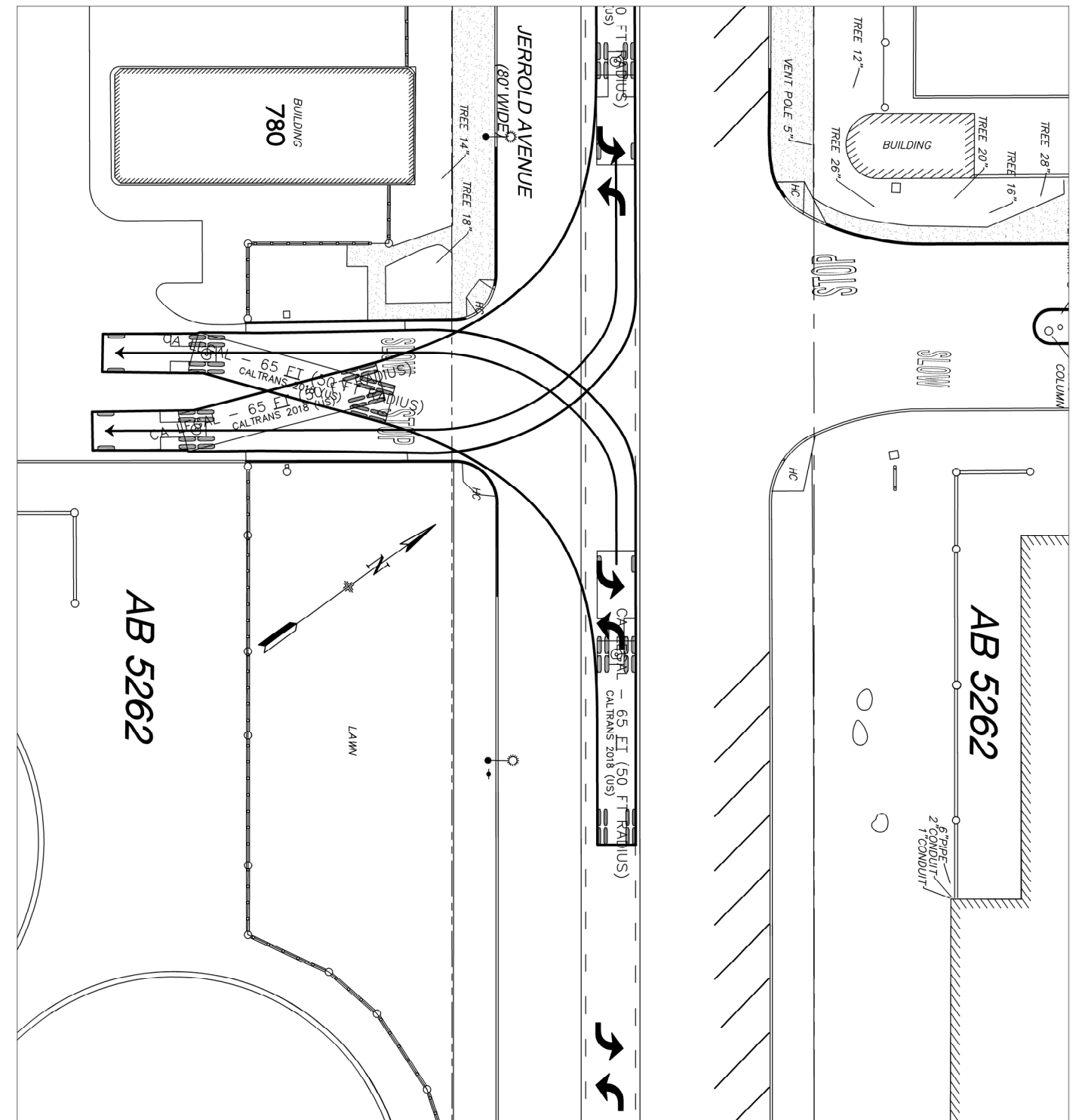
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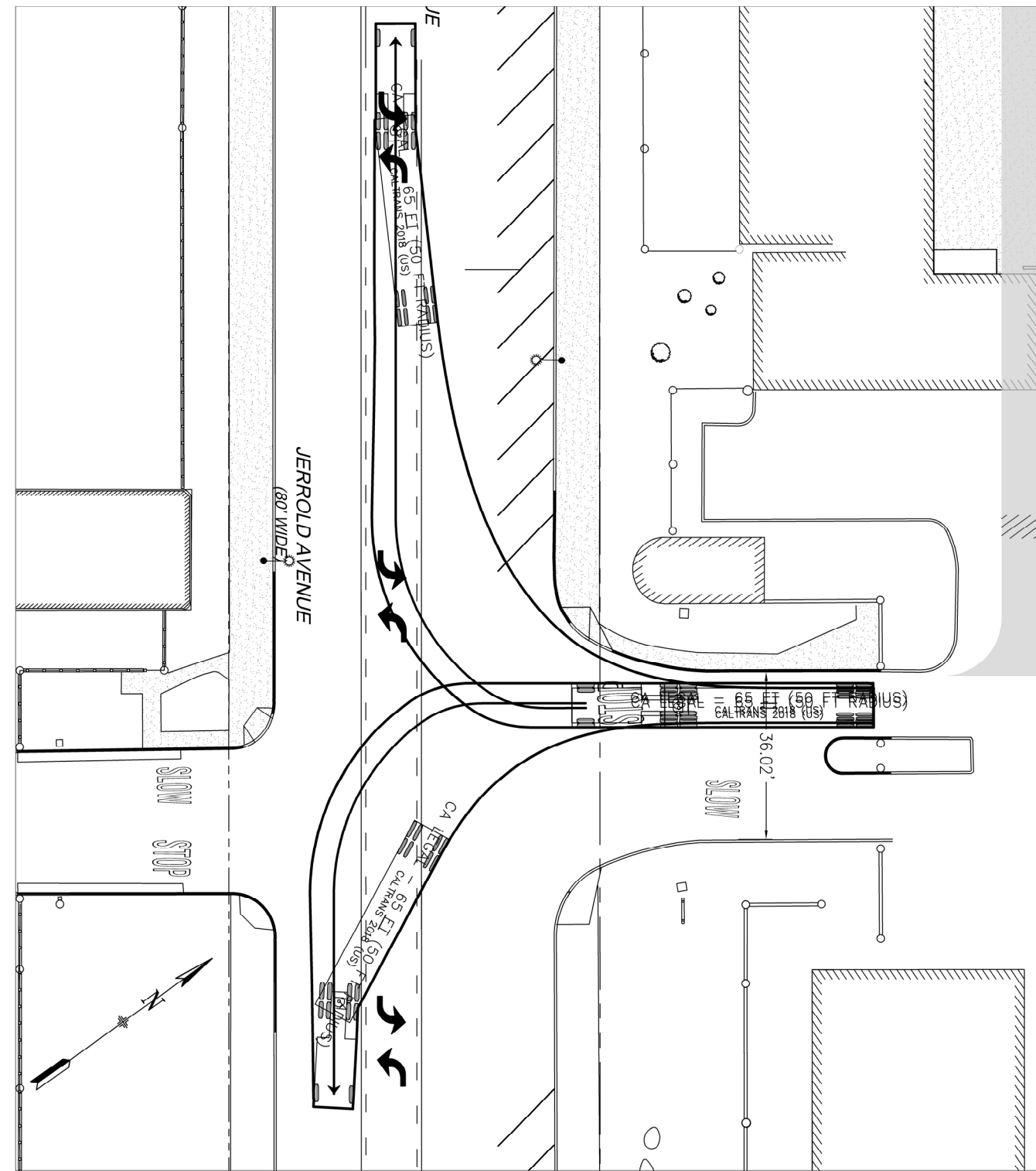
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CHECKED:		DATE:		CITY TRAFFIC ENGINEER		DATE:	

JERROLD AVENUE STREETScape PROJECT
WB-65 (50') TURNING TEMPLATES
DRAFT
JERROLD AVENUE AT PUC (MAIN)
EXISTING CONDITIONS
SOUTH SIDE

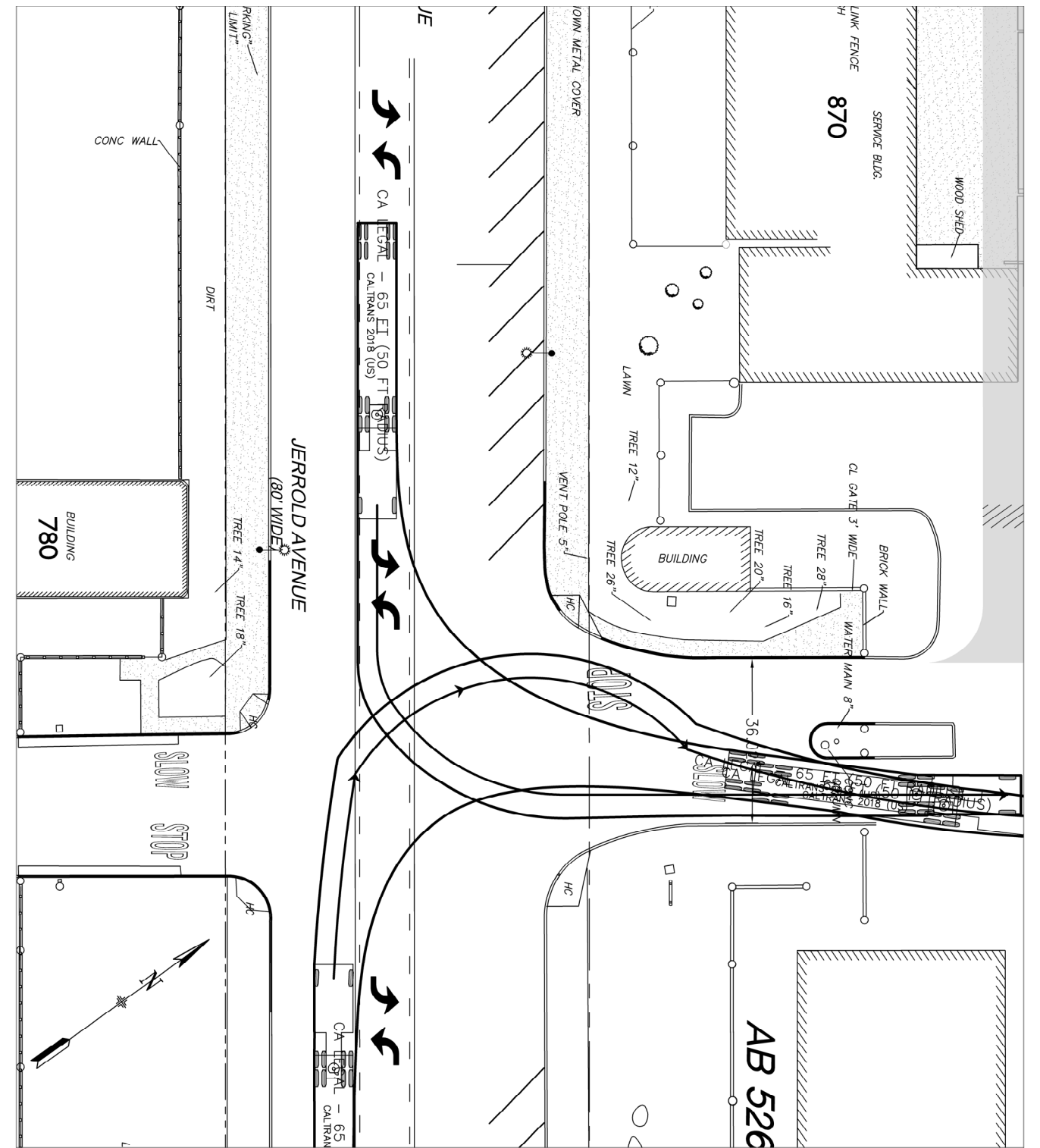
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SFMTA



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CHECKED:		DATE:		SENIOR ENGINEER		1" = 16'	
				CITY TRAFFIC ENGINEER		SHEET/SHEETS:	
						7 OF 10	

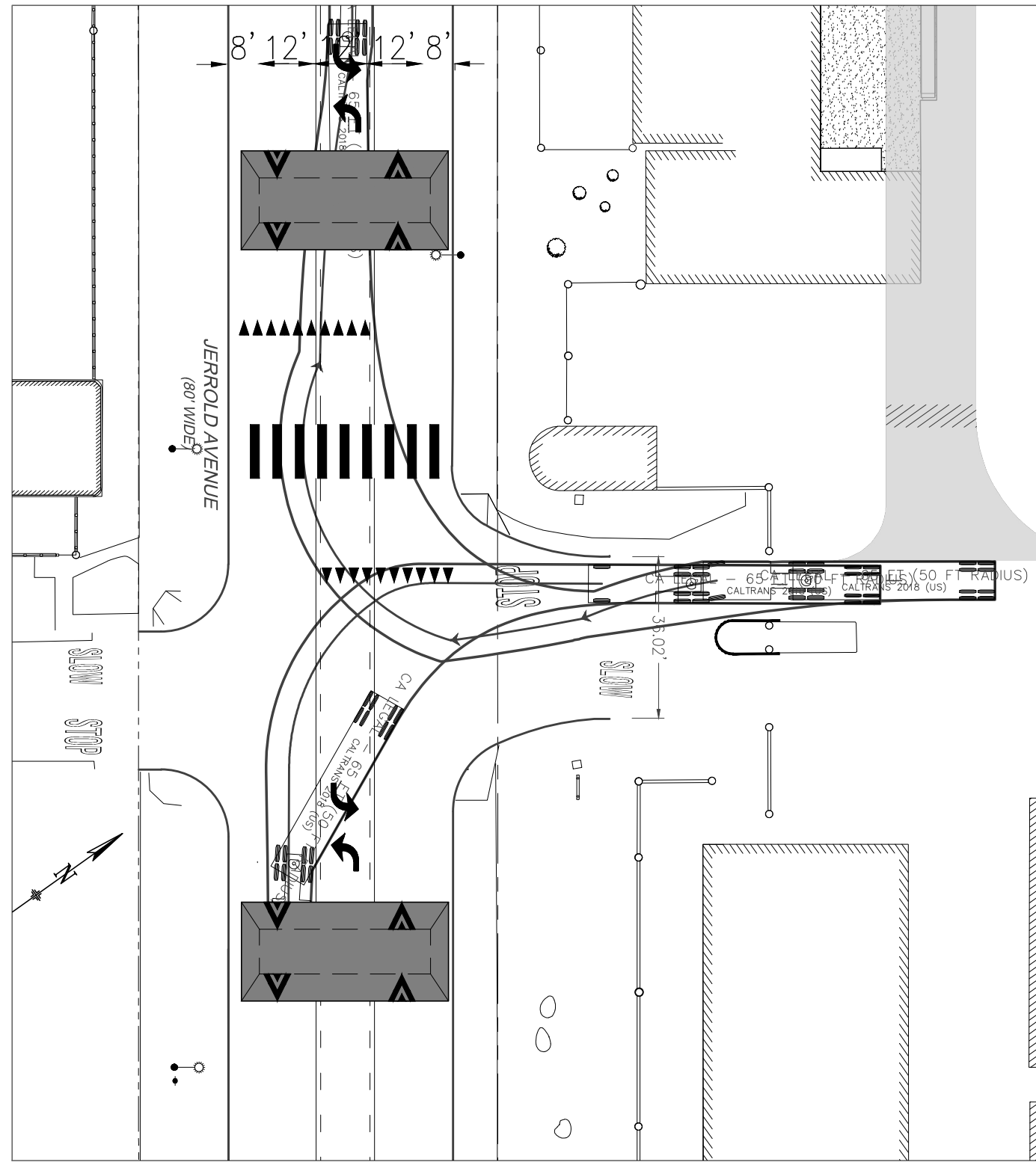
JERROLD AVENUE STREETSCAPE PROJECT
WB-65 (50') TURNING TEMPLATES
DRAFT

JERROLD AVENUE AT PUC (MAIN)
EXISTING CONDITIONS
NORTH SIDE

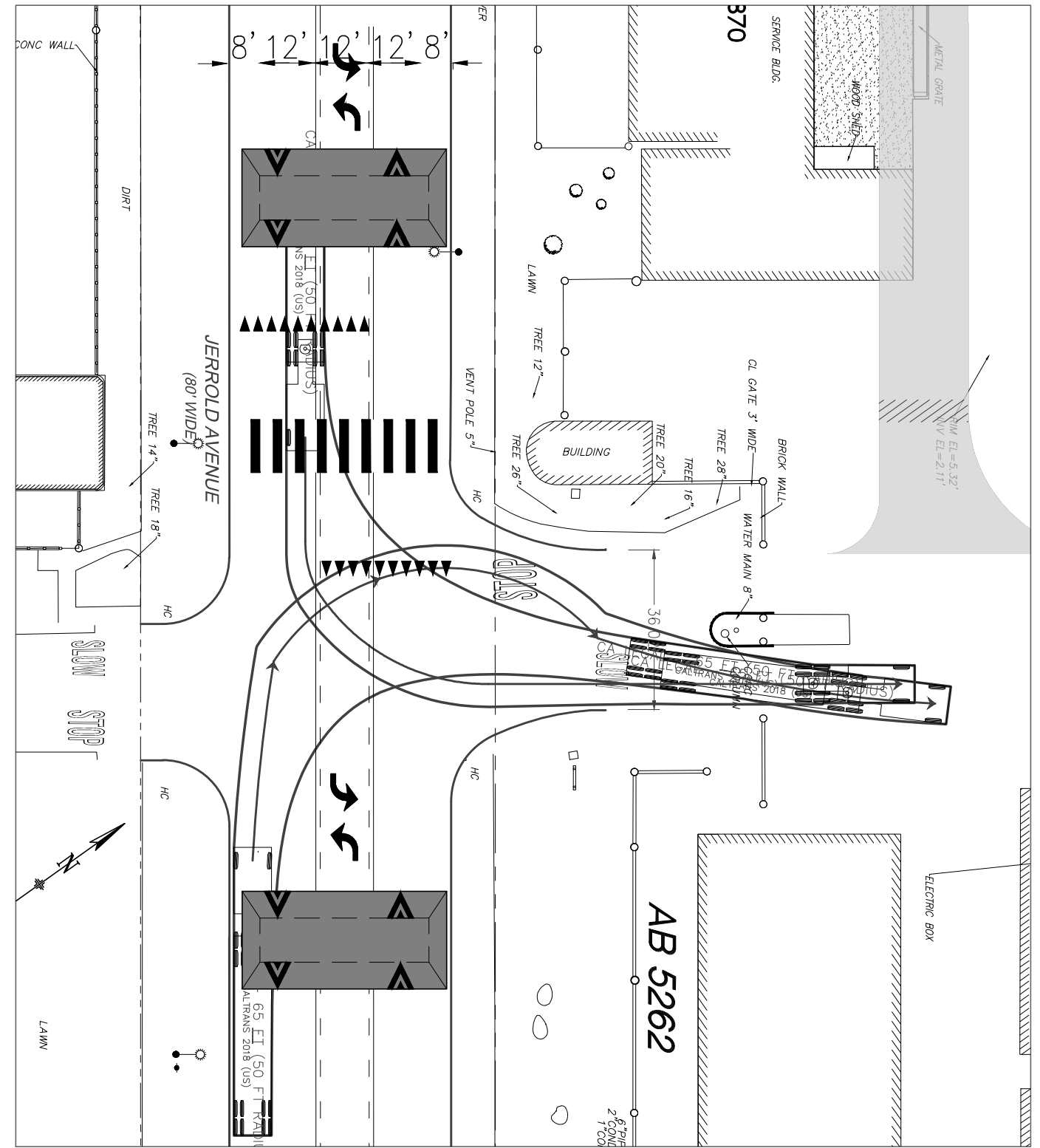
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	8 OF 10

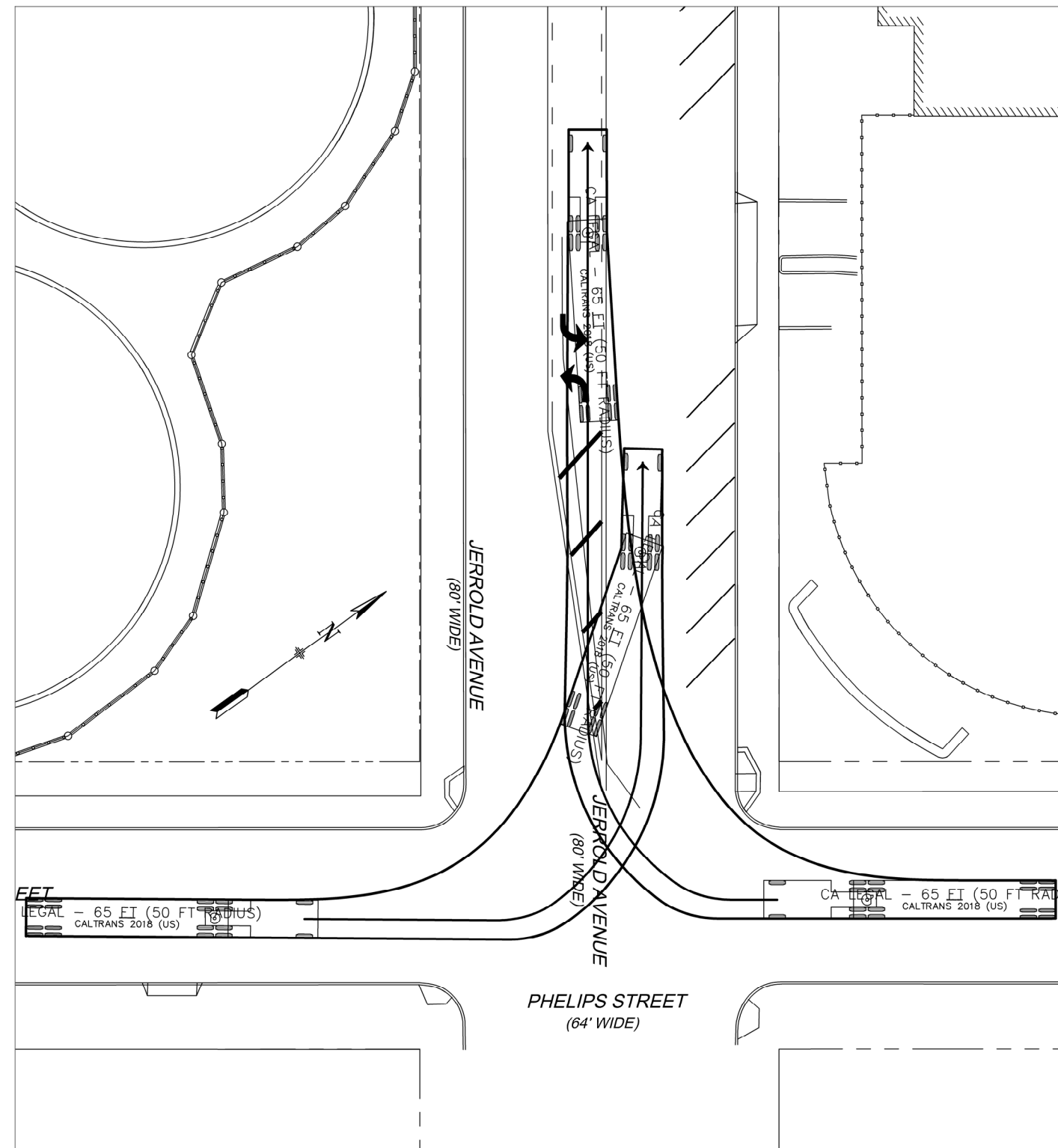
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PROPOSED CONDITIONS
NORTH SIDE

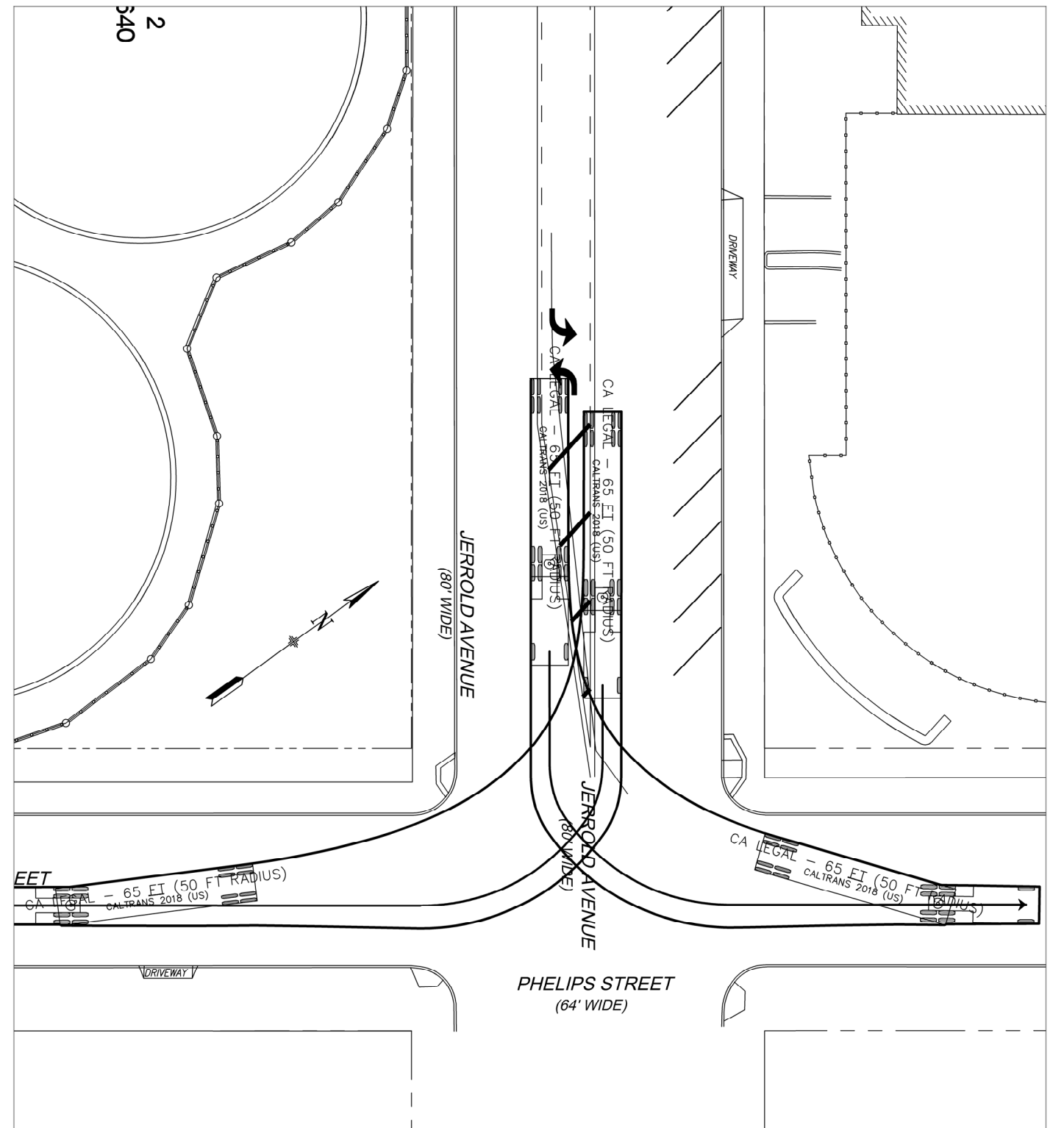
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DRAWN:		DATE:		APPROVED	
CHECKED:		DATE:		SENIOR ENGINEER	
				CITY TRAFFIC ENGINEER	

SCALE:
1" = 16'
SHEET/SHEETS:
9 OF 10

JERROLD AVENUE STREETScape PROJECT
WB-65 (50') TURNING TEMPLATES
DRAFT
JERROLD AVENUE AT PHELPS STREET
EXISTING CONDITIONS

CONTRACT NO.	XXXXX
DRAWING NO.	
FILE NO.	
REV. NO.	XX

FILE NAME:
DATE: --/--/--



ENGINEERING AND TRAFFIC SURVEY

I. LOCATION: Jerrold Ave between Bayshore Blvd and 3rd Street

Street width is more than 40 feet: yes no

This Engineering and Traffic Survey was prepared according to the regulations and procedures in Part 2, Section 2B.13 of the California Manual on Uniform Traffic Control Devices.

This survey was performed on the 26th Day of October 2017 at my direction by qualified engineering personnel. The results of the survey are presented in the following synopsis.

II. SPEED SURVEY RESULTS

Date Conducted: Thursday October 26, 2017
Time of Day: 10:00 A.M.-11:30 A.M.
Weather Conditions: Clear
Traffic Conditions: Normal

85th Percentile Speed

Location 1: Jerrold Ave between Quint Street and Rankin Street
Westbound: 32.7 M.P.H. Eastbound: 31.6 M.P.H.

Location 2: Jerrold Ave between Toland Street and Napoleon Street
Westbound: 32 M.P.H. Eastbound: 31 M.P.H.

III. COLLISION RATE

(A) Coverage (5-years): 1/1/2012-12/31/16
(B) Number of Collisions: 22
(C) 24-Hour Volume: 9,949
(D) Length of Section: 3,823 ft. or 0.72 Miles

Collision rate = [(B) x 10⁶] / [(A) x 365 x (C) x (D)] = 1.6 Collisions /MVM

IV. SPECIAL CONDITIONS

Pedestrian safety considerations.

V. RECOMMENDATIONS

This survey justifies a speed limit of **25 M.P.H. for Jerrold Ave between Bayshore Blvd and 3rd Street** as adjusted by applicable provisions of the California Manual on Uniform Traffic Control Devices.

VI. I certify that this document is a true and accurate copy of the original on file with the San Francisco Municipal Transportation Agency.

R. Olea

Ricardo A. Olea
City Traffic Engineer

Date

11/8/17

I CERTIFY THAT THIS DOCUMENT IS A TRUE AND
CORRECT COPY OF THE ORIGINAL MAINTAINED BY
THE TRAFFIC ENGINEERING DIVISION OF THE
DEPARTMENT OF PARKING AND TRAFFIC CITY AND
COUNTY OF SAN FRANCISCO

SIGNED BY

11-16-2017
DATE *Johual Calderon*