

GENERAL NOTES

1. ENTERING INTO THIS CONTRACT WITH THE CITY INDICATES THAT THE CONTRACTOR HAS VISITED THE SITE, IS FAMILIAR WITH THE EXISTING CONDITIONS AND REVIEWED SAME WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS AND FIELD CONDITIONS, AND FOR CONFIRMING THAT THE WORK IS BUILDABLE AS SHOWN BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING CLARIFICATION FROM THE CITY BEFORE PROCEEDING WITH THE WORK IN QUESTION OR RELATED WORK. WRITTEN DIMENSIONS SHALL GOVERN. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO PROCEEDING WITH THE WORK.
3. THE CONTRACTOR SHALL VERIFY EXISTING FACILITIES IN THE FIELD, WHETHER OR NOT THEY ARE SHOWN ON THE DRAWINGS.
4. THE CONTRACTOR SHALL NOTIFY THE CITY REPRESENTATIVE IN WRITING OF CONFLICTS BETWEEN DRAWINGS PRIOR TO PROCEEDING WITH THE WORK IN QUESTION.
5. THE CONTRACTOR IS RESPONSIBLE FOR WORKING AROUND AND PROTECTING ALL EXISTING FACILITIES ADJACENT TO THE WORK AREA. THESE FACILITIES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING: CABLE CAR TRACKS, TREES, LANDSCAPING, HYDRANTS AND UTILITY POLES.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL WORK UNDER THIS CONTRACT TO AVOID REDUNDANCY BETWEEN PAVING/CURB RAMP WORK AND SEWER (AND/OR) WATER WORK.
7. CONFORM LINE SHALL BE FIVE (5) FEET BEYOND THE EXTENDED PROPERTY LINE UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CITY REPRESENTATIVE.
8. THE THICKNESS OF THE NEW ASPHALT CONCRETE WEARING SURFACE (ACWS) SHALL BE TWO (2) INCHES MINIMUM UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CITY REPRESENTATIVE.
9. CURB GRADE SHALL BE SIX (6) INCHES ABOVE THE ADJACENT PAVEMENT GRADE OR GUTTER GRADE UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CITY REPRESENTATIVE.
10. WHEN EXISTING AND NEW ELEVATIONS ARE GIVEN FOR THE SAME POINT, THE CONTRACTOR SHALL CONSTRUCT TO NEW ELEVATIONS. UNLESS OTHERWISE DIRECTED BY THE CITY REPRESENTATIVE, THE EXISTING ELEVATIONS ARE FOR INFORMATION ONLY.
11. STANDARD DETAILS AND INFORMATION SHALL BE USED FOR ALL APPLICABLE CASES UNLESS SHOWN OR OTHERWISE INDICATED.
12. CROSS SECTION CALL-OUTS ARE SHOWN ONLY ONCE ON THE DRAWINGS AND ARE TYPICAL FOR SIMILAR CONDITIONS UNLESS OTHERWISE INDICATED.
13. EXISTING CATCHBASIN GRADE SHALL BE ADJUSTED IN THE FIELD TO CONFORM TO NEW GUTTER GRADE.

14. NEW GUTTER AND/OR PARKING STRIP SHALL CONFORM TO EXISTING PAVEMENT UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
15. THE LIMITS OF SIDEWALK RECONSTRUCTION SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL SAWCUT TO THE NEAREST FLAG/JOINT, AND MATCH EXISTING SCORE PATTERN UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CITY REPRESENTATIVE.
16. ALL UTILITY VAULTS, PULL BOXES, AND VALVES WITHIN THE SIDEWALK RECONSTRUCTION AREA SHALL BE ADJUSTED TO THE NEW GRADE.
17. FOR ALL TRAFFIC SIGNAL PULL BOXES THAT ARE ROTATED, RELOCATED OR ADJUSTED, THE CONTRACTOR SHALL CONTACT DPT TRAFFIC SIGNAL SHOP (STEVE VANNUCHI AT 550-2794 AT LEAST THREE (3) DAYS PRIOR TO SETTING THE PULL BOX AT THE NEW LOCATION AND/OR GRADE. ALL WORK SHALL MEET THE REQUIREMENTS OF SFPDPW STANDARD PLAN 87,201.
18. THE 12-INCH WIDE GROOVED BORDERS (WARNING BANDS) ON CURB RAMPS SHALL NOT BE PART OF THE SLOPED RAMP AND WING SURFACES UNLESS OTHERWISE INDICATED.
19. CURB RAMPS WITH GRADE BREAKS SHALL HAVE A BACK OF CURB ELEVATION (BOC) OF 0.01 FEET HIGHER THAN THE SPECIFIED FACE OF CURB (FOC) ELEVATION. CURB RAMPS WITHOUT GRADE BREAKS SHALL HAVE A MAXIMUM BACK OF CURB ELEVATION (BOC) OF 0.04 FEET HIGHER THAN THE FACE OF CURB (FOC) ELEVATION.
20. ELEVATIONS SHOWN ON CURB RAMP DETAILS ARE MEASURED IN FEET AND ARE RELATIVE TO A LOCAL REFERENCE POINT (TOP OF FIRE HYDRANT IN MOST CASES) UNLESS OTHERWISE INDICATED.
21. THE CONTRACTOR SHALL PROVIDE THE CITY WITH EXISTING ELEVATIONS AT GUTTER CONFORMS PRIOR TO THE CONSTRUCTION OF CURB RAMPS. THE CONTRACTOR SHALL SHOW THESE ELEVATIONS ON THE AS-BUILT DRAWINGS.
22. ASPHALT CONCRETE PATCHING AROUND NEW GUTTERS AND/OR PARKING STRIPS AT CURB RETURNS SHALL BE CONSIDERED AS INCIDENTAL WORK TO THE CURB RAMP BID ITEM.
23. CONCRETE BASE WORK SHOWN ON CURB RAMP DETAILS MAY OVERLAP WITH THE SAME WORK SHOWN ON PAVEMENT PLANS. THE CONTRACTOR SHALL COORDINATE OVERALL PAVING WORK TO AVOID PERFORMING DUPLICATE WORK.
24. ANY POLES OR VERTICAL ELEMENTS INSTALLED OR RELOCATED NEAR FIRE HYDRANTS SHALL ADHERE TO THE FOLLOWING MINIMUM CLEARANCES: THE MINIMUM CLEARANCE BETWEEN A POLE OR VERTICAL ELEMENT TO A HIGH PRESSURE HYDRANT IS FIVE (5) FEET. THE MINIMUM CLEARANCE BETWEEN A POLE OR VERTICAL ELEMENT TO A LOW PRESSURE HYDRANT IS THREE (3) FEET.
24. THE CONTRACTOR SHALL PREVENT CONSTRUCTION MATERIAL, PAVEMENT, CONCRETE, EARTH, PAINTS, THINNER, SOLVENTS, AND OTHER DEBRIS OR TOXIC MATERIAL FROM ENTERING A SEWER OR SEWER STRUCTURE INCLUDING SURFACE FLOW COLLECTION SYSTEM, SUCH AS CATCH BASINS AND CULVERTS.

25. AT ALL SUB-SIDEWALK BASEMENT LOCATIONS WITH CONCRETE RECONSTRUCTION WORK, THE SPECIFIED WATERPROOFING (CONCRETE ADMIXTURE, LIQUID WATERPROOF MEMBRANE, AND CLEAR COAT) SHALL BE INSTALLED UNLESS OTHERWISE NOTED BY THE ENGINEER.
26. ALL CITY MONUMENTS MUST BE PROTECTED PER STATE LAND SURVEYORS ACT AND SPECIFICATION SECTION 01 71 33 OF THE PROJECT MANUAL. CALL THE COUNTY SURVEYOR AT 554-5833 TO REPORT ANY MONUMENTS IN DANGER OF DISTURBANCE, DESTRUCTION OR REMOVAL.
27. IN THE EVENT GROUNDWATER WELLS ARE ENCOUNTERED IN ANY STREET UNDER CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR GROUNDWATER WELL PRESERVATION (OR DESTRUCTION, IF DESTRUCTION IS CALLED FOR). FOR PRESERVATION, THE CONTRACTOR SHALL EXERCISE CARE IN WORKING AROUND GROUNDWATER WELLS TO PREVENT DAMAGE.
28. IN THE EVENT COBBLESTONES ARE ENCOUNTERED IN ANY STREET UNDER CONSTRUCTION, THE CONTRACTOR SHALL REMOVE THEM FROM THE PROJECT SITE AS CITY PROPERTY. THE COBBLESTONES SHALL BE NEATLY AND SECURELY PLACED ON PALLETS SO THEY CAN BE MOVED ABOUT SAFELY AFTER DELIVERY. THE COBBLESTONES SHALL BE DELIVERED, INCLUDING OFF LOADING, TO THE LOWER LOT OF THE CESAR CHAVEZ STREET YARD AT 2323 CESAR CHAVEZ STREET OR WHERE DIRECTED BY THE ENGINEER WITHIN THE CITY OF SAN FRANCISCO. CONTACT LIZ LERMA AT 641-2627 OR LARRY STRINGER AT 695-2011, 48 HOURS PRIOR TO DELIVERY. THE CONTRACTOR SHALL CLEAN THE COBBLESTONES OF DIRT AND EXERCISE CARE IN TRANSPORTING THE COBBLESTONES SO AS TO MINIMIZE DAMAGE. SALVAGE, HAULING AND DELIVERY OF EXISTING COBBLESTONES TO THE DESIGNATED AREAS, FROM THE PROJECT SITE, SHALL BE DONE AS INCIDENTAL WORK.
29. IN THE EVENT GRANITE CURB IS TO BE REPLACED WITH CONCRETE CURB, THE CONTRACTOR SHALL REMOVE THEM FROM THE PROJECT SITE AS CITY PROPERTY. ONLY GRANITE CURB GREATER THAN 4 FEET IN LENGTH WILL BE ACCEPTED. THE GRANITE CURB SHALL BE NEATLY AND SECURELY PLACED ON PALLETS SO THEY CAN BE MOVED ABOUT SAFELY AFTER DELIVERY. THE GRANITE CURB SHALL BE DELIVERED, INCLUDING OFF LOADING, TO THE BACK LOT OF THE GRIFFITH PUMP STATION AT 1105 THOMAS STREET OR WHERE DIRECTED BY THE ENGINEER WITHIN THE CITY OF SAN FRANCISCO. CONTACT CHRIS MCDANIELS AT (415)695-2090, 48 HOURS PRIOR TO DELIVERY. THE CONTRACTOR SHALL CLEAN THE GRANITE CURB OF DIRT AND EXERCISE CARE IN TRANSPORTING THE GRANITE CURB SO AS TO MINIMIZE DAMAGE. SALVAGE, HAULING AND DELIVERY OF EXISTING GRANITE CURB TO THE DESIGNATED AREAS, FROM THE PROJECT SITE, SHALL BE DONE AS INCIDENTAL WORK.
30. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL REMOVE ALL MARKS, STAINS AND BLEMISHES RESULTING FROM CONSTRUCTION OPERATIONS THROUGHOUT THE CONTRACT.

31. MATERIALS AND WORKMANSHIP WITHIN THE STATE RIGHT-OF-WAY SHALL CONFORM TO CALTRANS STANDARD SPECIFICATIONS AND STANDARD PLANS, LATEST EDITION.

32. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PUBLIC AND PRIVATE UTILITIES TO COORDINATE THE ADJUSTMENT AND RELOCATION OF THEIR FACILITIES WHICH INCLUDE, BUT ARE NOT LIMITED TO UTILITY VAULTS, PULL BOXES, AND VALVES.

THE FOLLOWING ARE CONTACT PHONE NUMBERS FOR PUBLIC AND PRIVATE UTILITIES:			
BLHP	STREET LIGHTS	RAUL MOSUELA	(415) 227-8506
DPW	NEWS RACKS	JOSEPH THOPPIL	(415) 554-4464
		CATHERINE XU	(415) 554-5346
	SEWER REPAIR		(415) 695-2096
	STREET TREES (URBAN FORESTRY)		(415) 641-2676
DT	FIRE ALARM	MIKE DENNING	(415) 550-2718
MTA	MUNI OVERHEAD LINES	MIKE JOHNSON	(415) 279-5406
		DANIEL MURPHY	(415) 554-9228
	TRAFFIC SIGNAL SHOP	EDDIE TSUI	(415) 550-2742
	BUS SHELTERS	GAIL STEIN	(415) 646-2308
	METER SHOP	DARYL ROBINSON	(415) 550-2733
SFPD	BUSINESS HOURS REPAIRS		(415) 550-4965
	NON-BUSINESS HOURS REPAIRS		(415) 550-4911
	IDENTIFY LINES		(415) 550-4925
AT&T		LYNN SCHUSSEL	(650) 991-5630
		MARIA TORRES	(650) 216-2196
		CAROL MITCHELL	
		HUAN HUYNH	(415) 694-3181
COMCAST		JEFF CASTANEDA	(415) 377-1921
		DEREK NIPPE	(415) 503-4505
PG&E	SERVICE PLANNING	ANTHONY FISHER	(415) 695-3535
	CONSTRUCTION	BILL RUSSO	(415) 695-3330
CLEAR CHANNEL (BUS SHELTERS)		NICHOLAS FAGUNDES	(925) 518-7042
		AMY LANDGRAF	(510) 446-7230
ZAYO/ABOVENET (MFN FACILITIES)		ALLEN LEHEW	(415) 265-3189
USPS	MAILBOXES		(415) 550-5248

ABBREVIATIONS

ACWS	ASPHALT CONCRETE WEARING SURFACE	FA	FIRE ALARM POLES
AT&T	AT&T/PACBELL/TELEPHONE	G	GUTTER
AWSS	AUXILIARY WATER SUPPLY SYSTEM VALVE/MH	GW	GROUND WATER MONITORING WELL
BB	BROADBAND	HP	HIGH POINT
BC	BEGIN HORIZONTAL CURVE	HPFH	HIGH PRESSURE FIRE HYDRANT
BLD	BUILDING	LPFH	LOW PRESSURE FIRE HYDRANT
BOC	BOTTOM OF CURB	MB	MAIL BOX
BOLL	BOLLARD	MH	MANHOLE
C	TOP OF CURB	MP	MUNI POLE
CB	CATCH BASIN	OG	OUTSIDE GUTTER
DOE	DEPARTMENT OF ENERGY/ELECTRICITY	PB	PACBELL
DWG.	DRAWING	PC	PROPERTY CORNER
DWY	DRIVEWAY	PED	PEDESTRIAN SIGNAL POLE
(E)	EXISTING	PG&E	PACIFIC GAS AND ELECTRIC
EC	END HORIZONTAL CURVE	PM	PARKING METER
ENT	ENTRANCE	PS	PARKING STRIP
EL	ELEVATION		

REF. PT.	REFERENCE POINT
SL	STREET LIGHT POLE
SLB	STREET LIGHT PULL BOX
SM	SURVEY MONUMENT
SS	STREET SIGNS (I.E. STOP, STREET NAME)
SSV	SIDE SEWER VENT
SWLK	SIDEWALK GRADE
TC	TRAFFIC CONTROLLER
TR	TRASH RECEPITAL
TS	TRAFFIC SIGNAL POLE
TSB	TRAFFIC SIGNAL PULL BOX
TYP.	TYPICAL
TVC	COMCAST/TV/CABLE PULL BOX
TW	TREE WELL
WD	WATER DEPARTMENT PULL BOX/VALVE/METER
WP	WOODEN POLE

USPS UNITED STATES POSTAL SERVICE

REFER TO DRAWING REVISION 0 FOR MANAGER SIGNATURES

1	05/18	ADD AND REVISE GENERAL NOTES	KC	DMC	
NO.	DATE	DESCRIPTION	BY	APP.	
TABLE OF REVISIONS					
THIS DRAWING WAS LAST MODIFIED: 05/18/18 17:39, BY: kchang					

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



DESIGN & ENGINEERING
PUBLIC WORKS
CITY & COUNTY OF SAN FRANCISCO
30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 8028

Section Mgr:	CRISTINA C OLEA
Deputy Division Mgr:	FERNANDO CISNEROS
Division Mgr:	PATRICK RIVERA

DESIGNED:	DATE:
K.CHANG	05/18
DRAWN:	DATE:
K.CHANG	05/18
CHECKED:	DATE:
D.CALLEROS	05/18



SCALE:
NO SCALE
SHEET OF SHEETS

SECOND STREET IMPROVEMENT PROJECT

GENERAL NOTES AND ABBREVIATIONS
PAVEMENT AND ROADWAY ALIGNMENT PLANS

EHY JO NO. 2835J
CONTRACT NO. 1064J (R)
DRAWING NO. R-G1
FILE NO. 106,157
REV. NO. 1