

GENERAL NOTES

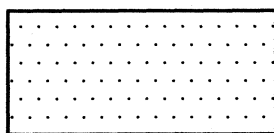
1. ENTERING INTO THIS CONTRACT WITH THE CITY INDICATES THAT THE CONTRACTOR HAS VISITED THE SITE, IS FAMILIAR WITH THE EXISTING CONDITIONS AND REVIEWED SAME WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING ALL CONTRACT DOCUMENTS AND FIELD CONDITIONS, AND FOR 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 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.
15. THE LIMITS OF SIDEWALK RECONSTRUCTION SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL SAWCUT TO THE NEAREST FLAG/Joint AND MATCH THE EXISTING SCORE PATTERN UNLESS OTHERWISE INDICATED ON THE DRAWINGS OR AS DIRECTED BY THE CITY REPRESENTATIVE.
16. ALL UTILITY VAULTS AND PULL BOXES 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 MTA TRAFFIC SIGNAL SHOP STEVE VANNUCCHI OR EDDIE TSUI AT LEAST THREE (3) DAYS PRIOR TO SETTING THE PULL BOX AT THE NEW LOCATION AND/OR GRADE. ALL WORK SHALL MEET REQUIREMENTS OF SFDPW 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 (BOC) ELEVATION 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 (BOC) ELEVATION 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. 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.
22. 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.
23. 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. ALL CITY MONUMENTS MUST BE PROTECTED PER STATE LAND SURVEYORS ACT. CALL THE COUNTY SURVEYOR AT 554-5833 TO REPORT ANY MONUMENTS IN DANGER OF DISTURBANCE, DESTRUCTION OR REMOVAL.
25. CONTRACTOR SHALL AVOID DAMAGING AND PROTECT IN PLACE EXISTING GRANITE CURBS. CONTRACTOR SHALL NOTIFY CITY REPRESENTATIVE OF ANY GRANITE CURB NOT IDENTIFIED ON THE PLANS TO BE RESET OR SALVAGED THAT IS IN CONFLICT WITH PROPOSED WORK.
26. EXISTING GRANITE CURB SHALL ONLY BE REPLACED WITH CONCRETE CURB ON CURVED RETURNS AND AS PART OF CURB RAMP CONSTRUCTION. EXISTING GRANITE CURB IN GOOD CONDITION SHALL BE RESET TO NEW GRADE. IF EXISTING GRANITE CURB IS DAMAGED, CONTRACTOR SHALL NOTIFY CITY REPRESENTATIVE.
27. IN THE EVENT COBBLESTONES ARE ENCOUNTERED AND TO BE REMOVED IN ANY STREET UNDER CONSTRUCTION, THE CONTRACTOR SHALL REMOVE THEM FROM THE PROJECT SITE AS CITY PROPERTY. SALVAGE, HAULING AND DELIVERY OF EXISTING COBBLESTONES TO THE DESIGNATED AREAS, FROM THE PROJECT SITE, SHALL BE DONE AS INCIDENTAL WORK.
28. 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.
29. AT THE COMPLETION OF WORK, THE CONTRACTOR SHALL REMOVE ALL MARKS, STAINS AND BLEMISHES RESULTING FROM CONSTRUCTION OPERATIONS THROUGHOUT THE CONTRACT.

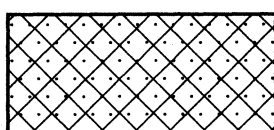
30. THE CONTRACTOR SHALL PREVENT CONSTRUCTION MATERIAL, PAVEMENT, CONCRETE, EARTH, PAINTS, THINNER, SOLVENTS, AND OTHER DEBRIS OR TOXIC MATERIAL FROM ENTERING A SEWER OR SEWER STRUCTURE INCLUDING SURFACE FLOW COLLECTION SYSTEM, SUCH AS CATCHBASINS AND CULVERTS.
31. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING PUBLIC AND PRIVATE UTILITIES FOR COORDINATION. THE FOLLOWING ARE CONTACT PHONE NUMBERS:

BLHP	STREET LIGHTS	RAUL MOSUELA	(415) 227-8506	
DPW	NEWS RACKS	JOSEPH THOPPIL	(415) 554-4464	
	SEWER REPAIR	CATHERINE XU	(415) 554-5346	
	STREET TREES (URBAN FORESTRY)		(415) 695-2096	
			(415) 641-2676	
DT	FIRE ALARM	MIKE DENNING	(415) 550-2718	
MTA	MUNI OVERHEAD LINES	MIKE JOHNSON	(415) 279-5406	
		CLIFFORD SMETHURST	(415) 554-9220	
	TRAFFIC SIGNAL SHOP	EDDIE TSUI	(415) 550-2736	
	BUS SHELTERS	GAIL STEIN	(415) 646-2308	
	METER SHOP	DARYL ROBINSON	(415) 550-2733	
SFWD	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	LS4524@att.com
		MARIA TORRES	(650) 216-2196	MT1276@att.com
		CAROL MITCHELL		CM1463@att.com
COMCAST		JEFF CASTANEDA	(415) 377-1921	Jeff.Castaneda@cable.comcast.com
		DEREK NIPPE	(415) 503-4505	
PG&E	SERVICE PLANNING	ANTHONY FISHER	(415) 695-3535	APF4@pge.com
	CONSTRUCTION	BILL RUSSO	(415) 695-3330	
CLEAR CHANNEL (BUS SHELTERS)		NICHOLAS FAGUNDES	(925) 518-7042	NicholasFagundes.ncs@comcast.net
		AMY LANDGRAF	(510) 446-7230	AmyLandgraf@clearchannel.com
ZAYO/ABOVENET (MFN FACILITIES)		ALLEN LEHEW	(501) 438-3072	Allen.Lehew@zayo.com

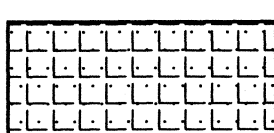
LEGEND



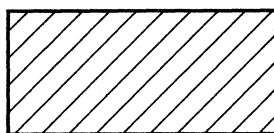
APPROXIMATE AREA TO BE COLD PLANED 2-INCH FULL DEPTH AND CONSTRUCT 2-INCH THICK ACWS. EXACT LOCATION AND DIMENSION TO BE DETERMINED BY THE CITY REPRESENTATIVE IN THE FIELD.



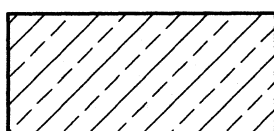
APPROXIMATE AREA TO BE EXCAVATED AND CONSTRUCTED WITH 2-INCH THICK ACWS ON 8-INCH THICK CONCRETE BASE. EXACT LOCATION AND DIMENSION TO BE DETERMINED BY THE CITY REPRESENTATIVE IN THE FIELD.



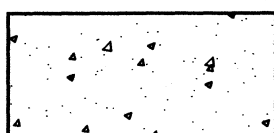
APPROXIMATE AREA TO BE EXCAVATED AND CONSTRUCTED WITH 2-INCH THICK ACWS ON 10-INCH THICK CONCRETE BASE. EXACT LOCATION AND DIMENSION TO BE DETERMINED BY THE CITY REPRESENTATIVE IN THE FIELD.



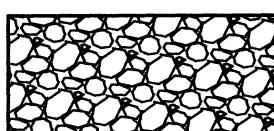
APPROXIMATE AREA TO BE CONSTRUCTED WITH 8-INCH THICK MINIMUM OF CONCRETE PAVEMENT, PARKING STRIP OR GUTTER



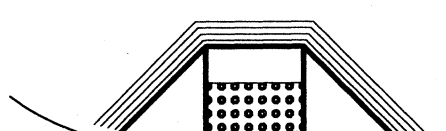
APPROXIMATE AREA TO BE CONSTRUCTED WITH 10-INCH THICK CONCRETE BUS PAD (6,000 PSI) PER SFDPW STANDARD PLAN 96.607 REVISION 2



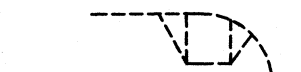
CONSTRUCT 3 1/2-INCH THICK CONCRETE SIDEWALK PER SFDPW STANDARD PLAN 96.608, REVISION 1 TO THE NEAREST FLAG



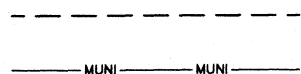
AGGREGATE BASE CLASS II FOR BUS PAD (CROSS SECTIONS)



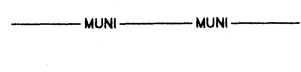
CURB RAMP TO BE CONSTRUCTED WITH 12-INCH WIDE GROOVED BORDERS (WARNING BANDS) AND CONCRETE DETECTABLE SURFACE TILES (TRUNCATED DOMES) PER SF PUBLIC WORKS ACCESSIBLE STREET CROSSING STANDARD PLANS 102.854 THRU 102.864



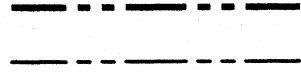
EXISTING CURB RAMP TO REMAIN



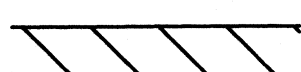
EXISTING FACILITY (I.E. CURB/GUTTER/PARKING STRIP)



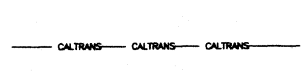
MUNI OVERHEAD CONTACT SYSTEM LINES



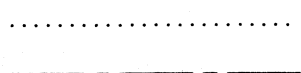
MATCH LINE



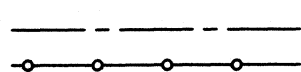
PROPERTY LINE



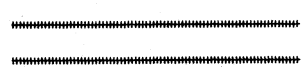
PAVING CONFORM LINE



CALTRANS RIGHT-OF-WAY



FREEWAY OVERPASS



SEWER TRENCH, SEE SW-DWGS



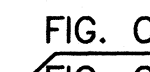
FENCE



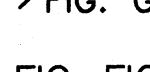
RAIL PROPERTY LINE



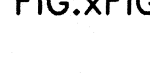
SECTION/DETAIL IDENTIFICATION DRAWING NO.



TOP OF CURB OR PAVEMENT ELEVATION



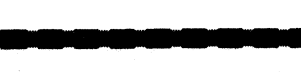
GUTTER FLOWLINE OR CATCHBASIN ELEVATION



SIDEWALK, GUTTER AND PARKING STRIP REPAIRS, APPROXIMATE DIMENSIONS, IN FEET, OF PAVEMENT BASE



CONSTRUCT COMBINED 6-INCH CONCRETE CURB AND 2-FOOT WIDE CONCRETE GUTTER



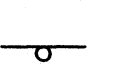
RESET EXISTING GRANITE CURB (CURB RAMP PLANS)



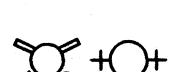
CONSTRUCT 4- OR 6-INCH WIDE CONCRETE CURB, AS NOTED ON PLANS



EXISTING WOODEN UTILITY POLE



EXISTING STREET/SIGN POLE



EXISTING HIGH-PRESSURE /LOW-PRESSURE FIRE HYDRANT



EXISTING CATCHBASIN TO REMAIN



EXISTING LIGHT POLE



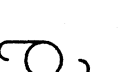
EXISTING CITY SURVEY MONUMENT/CONTROL POINT



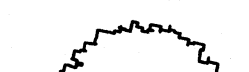
DIRECTION OF DRAINAGE FLOW



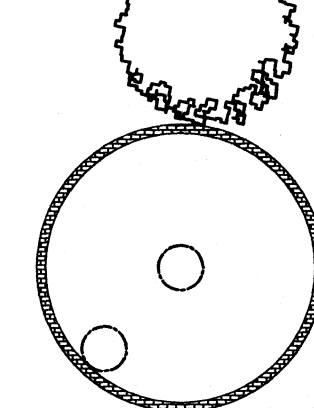
EXISTING UTILITY CASTING/PULL BOX/VALVE/VENT



EXISTING JOINT POLE



TREE



CONSTRUCT BRICK CISTERN IDENTIFICATION PAVEMENT RING PER SFDPW STANDARD PLAN 87.179

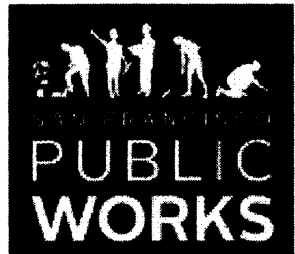
ABBREVIATIONS

ACWS	ASPHALT CONCRETE WEARING SURFACE	MH	MANHOLE
AT&T	AT&T/PACBELL/TELEPHONE	MP	MUNI POLE
BB	BROADBAND	OG	OUTSIDE GUTTER
BC	BEGIN HORIZONTAL CURVE	PB	PACBELL
BLDG	BUILDING	PED	PEDESTRIAN SIGNAL POLE
BOC	BOTTOM OF CURB	PC	PROPERTY CORNER
BOLL	BOLLARD	PG&E	PACIFIC GAS AND ELECTRIC
C	CURB	PS	PARKING STRIP
CB	CATCH BASIN	REF. PT.	REFERENCE POINT
DOE	DEPARTMENT OF ENERGY/ELECTRICITY	SL	STREET LIGHT POLE
DWG.	DRAWING	SLB	STREET LIGHT PULL BOX
DWY	DRIVEWAY	SM	SURVEY MONUMENT
(E)	EXISTING	SS	STREET SIGNS (I.E. STOP, STREET NAME)
EC	END HORIZONTAL CURVE	SSV	SIDE SEWER VENT
ENT	ENTRANCE	TC	TRAFFIC CONTROLLER
EL	ELEVATION	TOC	TOP OF CURB
FA	FIRE ALARM POLES	TR	TRASH RECEPTACLE
G	GUTTER	TS	TRAFFIC SIGNAL POLE
GB	GRADE BREAK	TSB	TRAFFIC SIGNAL PULL BOX
GW	GUY WIRE	TYP.	TYPICAL
HP	HIGH POINT	TVC	COMCAST/TV/CABLE PULL BOX
HPFH	HIGH PRESSURE FIRE HYDRANT	TW	TREE WELL
JP	JOINT POLE	WD	WATER DEPARTMENT (PULL BOX/VALVE/METER)
LPFH	LOW PRESSURE FIRE HYDRANT	WP	WOODEN POLE
MB	MAIL BOX		

EHY JO NO. 2963J

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
THIS DRAWING WAS LAST MODIFIED: 04/18/18 11:42, BY: lloie				

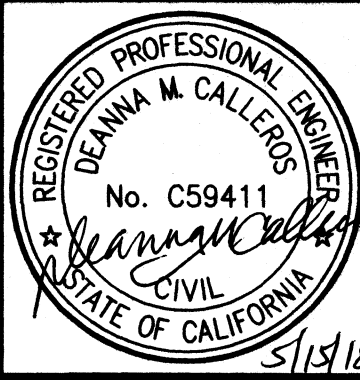
REFERENCE INFORMATION
& FILE NO. OF SURVEYS



DESIGN & ENGINEERING
CITY & COUNTY OF SAN FRANCISCO
SAN FRANCISCO PUBLIC WORKS
30 VAN NESS AVENUE, 5TH FLOOR
SAN FRANCISCO, CA 94102 - 6028

Section Mgr:	Eric T. Gebel	Date:	5/16/18
Deputy Division Mgr:	Paul L. Linn	Date:	5/16/18
Division Mgr:	Paul L. Linn	Date:	5/16/18

DESIGNED:	DATE:
L.LOUIE	02/18
DRAWN:	DATE:
L.LOUIE	02/18
CHECKED:	DATE:
D.CALLEROS	03/18



SCALE:
NO SCALE
SHEET OF SHEETS
5 OF 89

VARIOUS LOCATIONS PAVEMENT
RENOVATION NO. 37 AND SEWER REPLACEMENT

GENERAL NOTES
LEGEND
ABBREVIATIONS

CONTRACT NO.	2792J
DRAWING NO.	R-G1
FILE NO.	109.944
REV. NO.	