

LEGEND:

UTILITIES	
W	WATER DEPARTMENT
AWS	AUXILIARY WATER SUPPLY SYSTEM
BLP	BUREAU OF LIGHT, HEAT & POWER
C	TCI CABLE
DOE	DEPARTMENT OF ELECTRICITY
E	PG & E ELECTRICITY
FS	FIRE SERVICE
G	PG & E GAS
ST	PG & E STEAM
HH	HETCH HETCHY WATER & POWER
T	PACIFIC BELL TELEPHONE
TH	SAN FRANCISCO THERMAL
MC	MCI METRO (TELEGRAPH)
TS	DEPARTMENT OF PARKING & TRAFFIC (TRAFFIC SIGNAL)

PIPE

CIP	CAST IRON PIPE
CP	CONCRETE PIPE
C	COPPER PIPE
DIP	DUCTILE IRON PIPE
G	GALVANIZED PIPE
IP	IRON PIPE
ISP	IRON STONE PIPE
P	PIPE
PP	PLASTIC PIPE
RCP	REINFORCED CONCRETE PIPE
SP	STEEL PIPE
TP	TRANSITE PIPE
VCP	VITRIFIED CLAY PIPE
WIP	WROUGHT IRON PIPE

CONDUIT

C	CONDUIT
CC	CABLE CONDUIT
DBC	DIRECT BURIAL CONDUIT
FC	FIBER CONDUIT
FCC	FIBER CEMENT CONDUIT
PC	PLASTIC CONDUIT
SC	SOAPSTONE CONDUIT
TC	TILE CONDUIT
WC	WOOD CONDUIT

DUCT

CD	CONCRETE DUCT
CWD	CREOSOTED WOOD DUCT
D	DUCT
PD	PAPER PIPE DUCT
TD	TRANSITE DUCT
TK	TRANSITE KORDUCT
VCD	VITRIFIED CLAY DUCT

GENERAL

AB	ABANDONED	FW	FIRE CISTERN
ARVB	AIR RELEASE & VACUUM BREAK VALVE	GV	GATE VALVE
AV	AIR VALVE	IFJ	INSULATED FLANGE JOINT
BFV	BUTTERFLY VALVE	H	HOUSE
BO	BLOW OFF	HP	HIGH PRESSURE HYDRANT
BR	BRICK LINED	HYD	HYDRANT
CONN	CONNECT	OH	OVERHEAD (CABLES/WIRES/LINES)
CV	CHECK VALVE	RN	RENEW
DISCONN	DISCONNECT	RT	RETAP
DIST	DISTANCE	SC	STOP COCK
DIV	DIVIDE GATE	SERV	SERVICE
FA	FIRE ALARM	SFWD	SAN FRANCISCO WATER DEPARTMENT
FFEL	FINISHED FLOOR ELEVATION	TGV	TAPPING GATE VALVE
		UK	UNKNOWN
		WM	WATER METER

STRUCTURE

♀	HYDRANT
○	MANHOLE
□	PULL BOX, JUNCTION BOX OR SPLICE BOX OR CABLE BOX
□	VAULT
—	S-18"VCP (SEWER - 18" VITRIFIED CLAY PIPE)
—	T-4D-3"FC (TELEPHONE - FOUR DUCTS - 3" FIBER CONDUIT)
	EXISTING ABANDONED UTILITY
	MAIN TO BE ABANDONED IN THIS CONTRACT

WATER APPURTENANCES SYMBOLS

⊠	AIR RELEASE & VACUUM BREAK VALVE	●	NEW GATE VALVE/BUTTERFLY VALVE
—	AIR VALVE & 2" BLOW-OFF VALVE	►	REDUCER
∞	BLOW-OFF VALVE (GREATER THAN 2")	<	TEE
⊕	DIVIDE GATE VALVE	⊠	WATER METER BOX
○	EXISTING GATE VALVE		
HYD ○	HYDRANT		

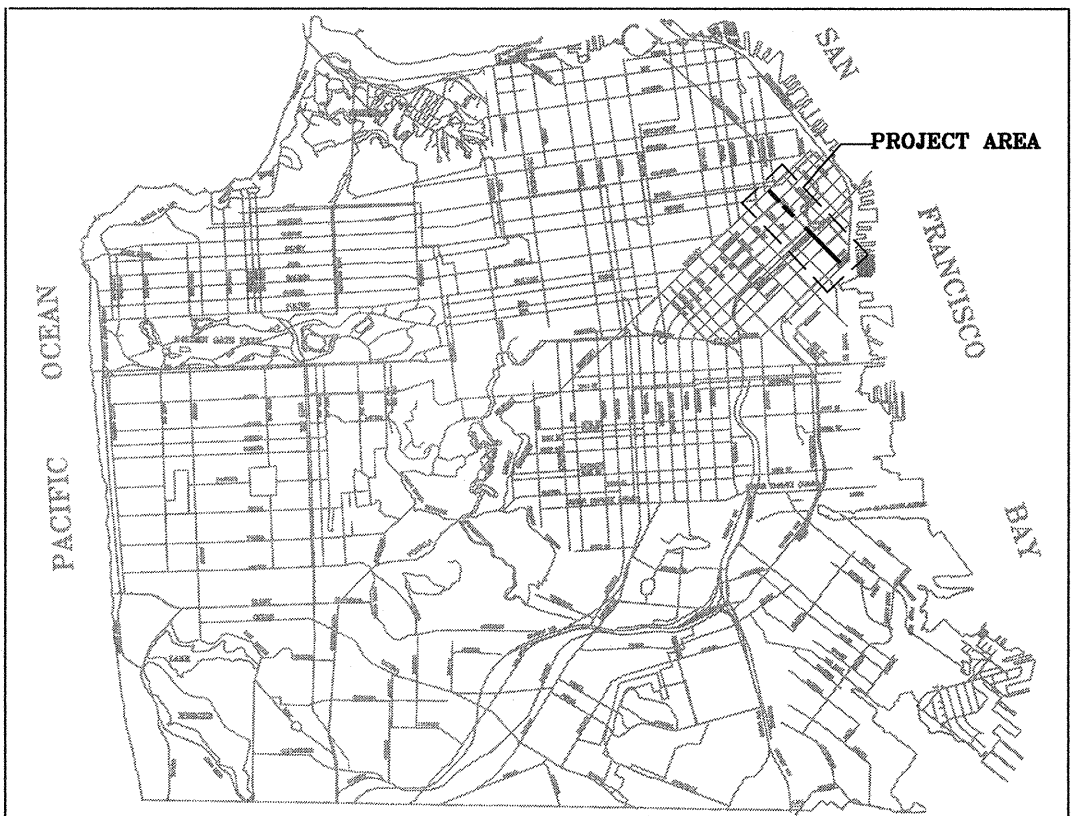
REFERENCES

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NO. 112,
115,
120,
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SFCS13



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NO.	DATE	DESCRIPTION	BY	APPR'D
REVISIONS				



LOCATION PLAN

GENERAL NOTES

FOR 3" AND LARGER PIPES, HEAVY LINES AND SYMBOLS INDICATE WORK TO BE DONE BY THE CONTRACTOR OR BY SFWD. LIGHT LINES AND SYMBOLS INDICATE EXISTING MAINS.

PIPES LESS THAN 3" IN DIAMETER (SERVICE PIPES) ARE SHOWN IN LIGHT LINES, SIZES SHOWN ARE FOR NEW TAP SIZES. FOR ADDITIONAL INFORMATION, REFER TO THE SERVICE LIST IN THE TECHNICAL SPECIFICATIONS.

THE LOCATION AND GENERAL ARRANGEMENT OF UNDERGROUND UTILITIES, UNDERGROUND STRUCTURES, PIPE LINES WITH FITTINGS, VALVES AND APPURTENANCES, WHERE SHOWN, ARE DIAGRAMMATIC.

INFORMATION AS TO UNDERGROUND AND/OR OTHER CONDITIONS AS INDICATED BY ADJUSTMENTS IN PIPE ALIGNMENT, OR OBSTRUCTION SHOWN ON THE PLANS AND/OR SPECIFICATIONS HAS BEEN OBTAINED WITH REASONABLE CARE BASED ON INFORMATION OBTAINED FROM AVAILABLE RECORDS OF THE OWNERS OF THE UTILITIES AND HAS BEEN RECORDED IN GOOD FAITH.

THERE IS NO EXPRESSED OR IMPLIED AGREEMENT THAT THE WATER DEPARTMENT AND THE OWNERS OF UTILITIES MAKE ANY REPRESENTATION AS TO THE COMPLETENESS OR ACCURACY OF SAID INFORMATION OF UTILITY FACILITIES THAT MAY HAVE BEEN PLACED OR INDICATED HERE ON.

THE PROPOSED LOCATION WITHIN THE STREET OR SIDEWALK AREA FOR FACILITIES TO BE CONSTRUCTED UNDER THIS CONTRACT, AS SHOWN ON THE PLANS, IS APPROXIMATE ONLY. THE CONTRACTOR SHALL DIG TEST HOLES TO DETERMINE THE EXACT LOCATION OF THE WORK WITHIN THE STREET OR SIDEWALK AREA. CHANGES IN THE ALIGNMENT OF ANY PORTION OF THIS WORK WHICH MAY RESULT IN DIFFERENT CONSTRUCTION METHODS OR DIFFERENT CONDITIONS, SUCH AS REQUIRING HAND DIGGING FOR PORTIONS OF THE WORK, WILL NOT BE SUBJECT TO CLAIM FOR ANY EXTRA PAYMENT.

AT THE TIME OF BID OPENING, THE CONTRACTOR SHALL POSSESS A VALID CLASS "A" GENERAL ENGINEERING CONTRACTOR'S LICENSE IN THE STATE OF CALIFORNIA.

CONTRACT NO. 1064J(R)
WATER DEPT. NO. WD-2808(R)

CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU			
2ND STREET IMPROVEMENT PROJECT			
DRAWING INDEX , GENERAL NOTES, LEGEND AND KEY PLAN			
CHECKED / APPROVED B Yu / Bc	DRAWN RMR	SCALE AS SHOWN	
SECTION MANAGER T. Lee	DESIGNED NCC	DATE OCT 2016	
APPROVED Jesse Yu	APPROVED Kurtis E. Miller		
MANAGER, ENGINEERING MANAGEMENT BUREAU	MANAGER, CITY DISTRIBUTION DIVISION		
SHEET OF	PLAN NO. WD-2808-1	DRAWING NO. E-30111	REVISION NO. 0

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED 0.70MM
YELLOW 0.20MM
GREEN 0.25MM
CYAN 0.40MM
BLUE 0.50MM
MAGENTA 0.20MM
WHITE 0.35MM
GRAY 0.15MM
9 0.15MM
10 1.00MM
100 0.70MM
210 0.60MM