

Bill of Sale

For good and valuable consideration of \$0.00, BRIDGE-Potrero Community Associates LLC, a California Limited Liability Corporation ("Seller"), does hereby sell, transfer and convey to AT&T California ("Buyer"), title to those portions of the facilities which are the identified as Buyer's facilities on the "as built" drawings attached hereto as Schedule 1 ("Personal Property"), subject to the terms and provisions hereof.

Seller has executed this Bill of Sale and bargained, sold, transferred, conveyed and assigned the Personal Property and Buyer has accepted this Bill of Sale and is purchasing the Personal Property: **AS IS AND WHEREEVER LOCATED, WITH ALL FAULTS AND WITHOUT ANY REPRESENTATIONS OR WARRANTIES OF WHATSOEVER NATURE, EXPRESS, IMPLIED OR STATUTORY, EXCEPT AS EXPRESSLY SET FORTH HEREIN BELOW, IT BEING THE INTENTION OF THE SELLER AND BUYER TO EXPRESSLY NEGATE AND EXCLUDE ALL WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Seller hereby assigns all warranties and guaranties relating to the construction of the Personal Property that were given by the independent contractor hired by Seller to construct the Personal Property. As used herein the term "**Correction Period**" shall mean one (1) year after "**Final Completion**" (as hereinafter defined). Seller shall, to Buyer's reasonable satisfaction, and provided that such work is not the subject of a warranty or guaranty assigned by Seller to Buyer, re-execute or otherwise remedy any defects in the Personal Property due to faulty workmanship that become apparent during the Correction Period. As used herein, the term "**Final Completion**" shall mean May 27, 2021.

Dated this 22nd day of April, 2022.
Signature on following page.

SELLER

BRIDGE-Potrero Community Associates LLC
a California limited liability corporation
By: BRIDGE Housing Corporation, INC.,
a California nonprofit public benefit
corporation,

Marie Debor

4745414A7DCB41A...

Marie Debor- Vice President

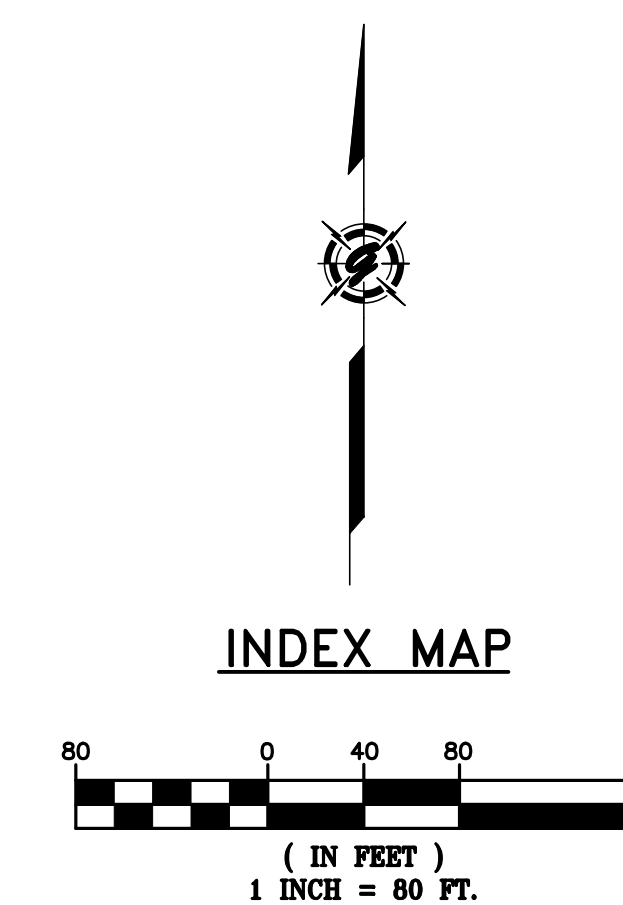
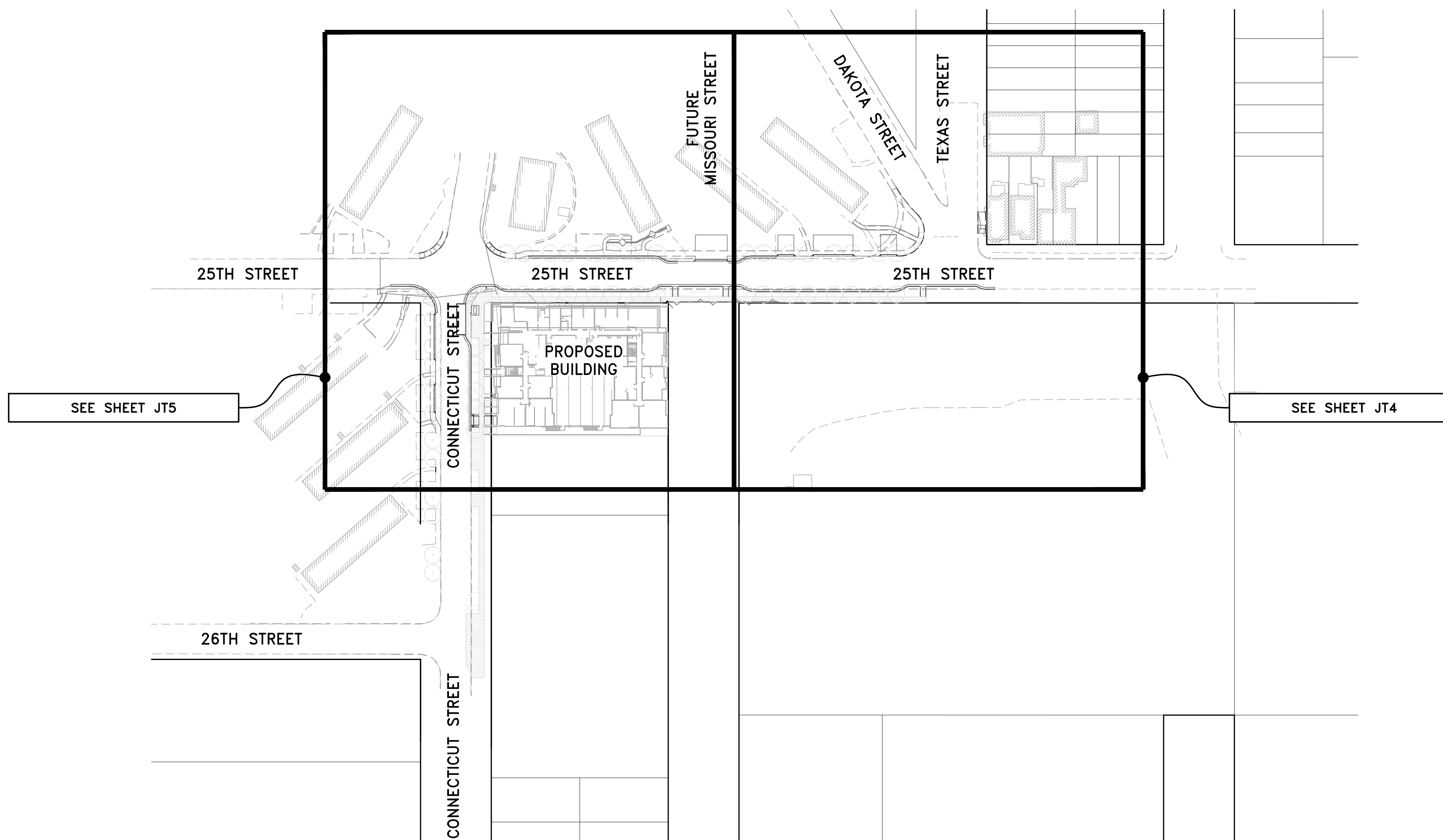
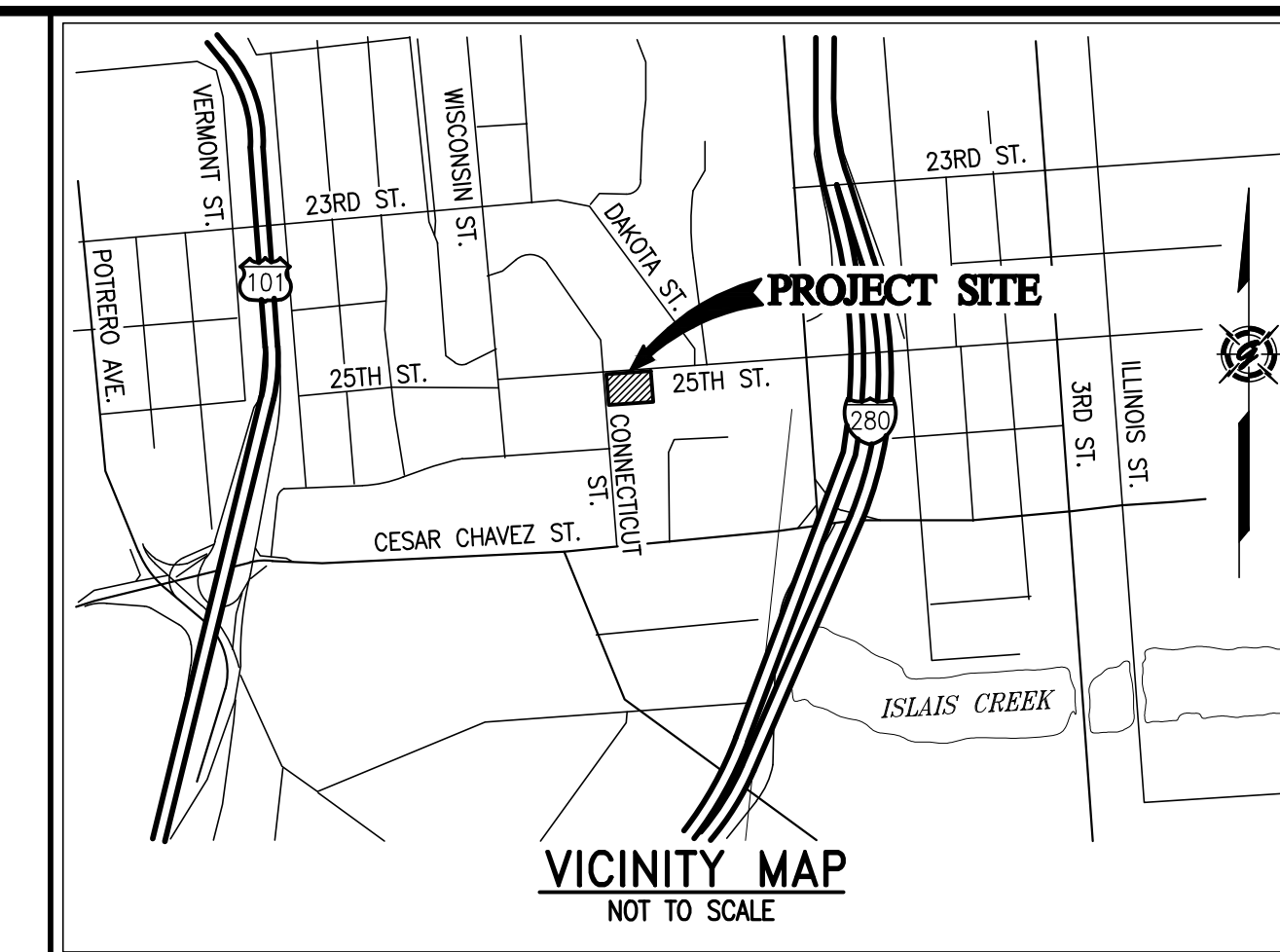
SCHEDULE 1

As Built Plans entitled:

Potrero Phase I Joint Trench Plans
Sheets JT-1 through JT-6

Prepared by: Giacalone Design Services

BRIDGE HOUSING POTRERO - PHASE 1 25TH STREET & CONNECTICUT STREET SAN FRANCISCO, CALIFORNIA



AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Scot Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

SYMBOL	DATE	APPROVED

GIACALONE
DESIGN SERVICES, INC.

5200 STONERIDGE MALL, SUITE 100, SAN FRANCISCO, CA 94134
 415.774.1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH COMPOSITE TITLE SHEET
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON

DRAWN BY:
RSG/MB

CHECKED BY:
BDF/MB

SCALE:
1"=80'

JOB NUMBER:
15-198

DATE LAST MODIFIED:
06-06-18

SHEET
JT1

OF 6 SHEETS

PROJECT TEAM CONTACTS		
COMPANY:	CONTACT:	PHONE:
BRIDGE HOUSING	LEO LOZANO	510-628-0918
CARLILE MACY	MARK HALE	707-542-6451
VAN METER WILLIAMS POLLACK, LLC	ELITSA SHEPHERD	415-974-5352
GLS LANDSCAPE ARCHITECT	JUSTIN FRODESEN	415-285-3614
PG&E - SAN FRANCISCO	MARK JACKANICH	415-695-3681
AT&T - SAN FRANCISCO	RICHARD OW	415-694-1752
CABLECOM, LLC - SAN FRANCISCO	TIM WILSON	650-468-6115
WAVE BROADBAND	AQUILES ARANDA	415-516-5652
DTIS-PUBLIC SAFETY	MIKE DENNING	415-550-2718
GIACALONE DESIGN SERVICES, INC.	BRETT FULLINGTON	925-467-1740

PG&E PM NO.
ELECTRIC:
RULE 15: 31280182
RULE 20: 31263563
RELOC: 31304088
WRO: 31280897
GAS:
RULE 15: 31280260
RELOC: 31262253

LATEST FILES RECEIVED				
DESCRIPTION:	BY:	DATE:	STATUS:	
GAS DESIGN (R15/RELOC)	GDSI	07-11-17/08-09-17	ANS/ANS	
ELECTRIC DESIGN (R15/R20)	GDSI	01-15-18/05-07-18	A/6TH	
TELEPHONE LAYOUT	AT&T	02-08-18	INTENT REPLY	
CATV LAYOUT	CABLECOM	11-08-17	INTENT REPLY	
CATV LAYOUT	WAVE BROADBAND	11-08-17	INTENT REPLY	
STREET LIGHT PLANS - PUBLIC	GDSI	02-08-18	-	
IMPROVEMENT PLANS (ELECTRONIC FILE)	CARLILE MACY	05-15-18	-	

A=Approved • ANS=Approved Not Signed • NA=Not Approved • F=First Submittal • SS=Second Submittal

PROJECT DESCRIPTION & SCOPE
<ul style="list-style-type: none"> NEW SERVICE TO (1) BUILDING CONSISTING OF (72) UNITS 645± LF OF O.H. TO U.G. CONVERSION ALONG 25TH STREET 220± LF OF O.H. TO U.G. CONVERSION ALONG CONNECTICUT STREET 530± OF GAS MAIN RELO. DUE TO GRADE CHANGE ON 25TH STREET 155± OF GAS MAIN RELO. ON CONNECTICUT STREET

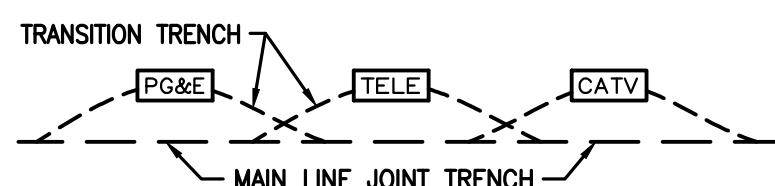
SHEET INDEX	
SHEET	DESCRIPTION
JT1	JOINT TRENCH COMPOSITE TITLE SHEET
JT2-JT3	JOINT TRENCH GENERAL NOTES, SECTIONS & DETAILS
JT4-JT5	JOINT TRENCH COMPOSITE PLAN
JT6	JOINT TRENCH DETAILS
SL1-SL4	STREET LIGHTING SITE PLAN
G1-G2	PG&E GAS CONSTRUCTION DRAWINGS (R15)
G1-G3	PG&E GAS CONSTRUCTION DRAWINGS (RELOC)
E1	PG&E ELECTRIC CONSTRUCTION SKETCH (R15)
E1-E5	PG&E ELECTRIC CONSTRUCTION SKETCH (R20)

LABOR & CONSTRUCTION RESPONSIBILITY

Table with 2 columns: Item (e.g., TRENCHING, GAS MATERIAL, ELECTRIC CABLE) and Responsibility (represented by circles indicating who performs the work: SUPPLY, EXCAVATE, INSTALL).

THE ABOVE DESIGNATES THE WORK TO BE PERFORMED BY THE CONTRACTOR AND EACH UTILITY COMPANY.

JOINT TRENCH TRANSITION



- 1. CONTRACTOR TO EXCAVATE TRANSITIONS FROM MAIN-LINE TRENCH TO VAULTS AS REQUIRED BY EACH UTILITY.
2. TRANSITIONS NOT SHOWN ON COMPOSITE DRAWING FOR CLARITY.
3. CONTRACTOR TO INCLUDE COST OF TRANSITIONS IN VAULT EXCAVATION COST.

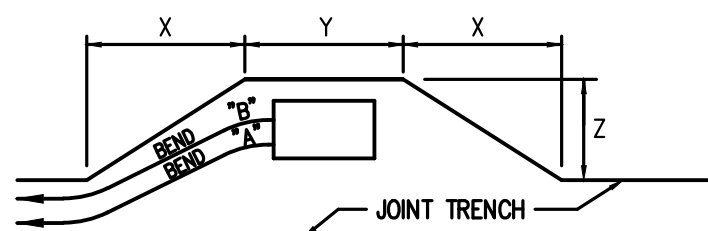


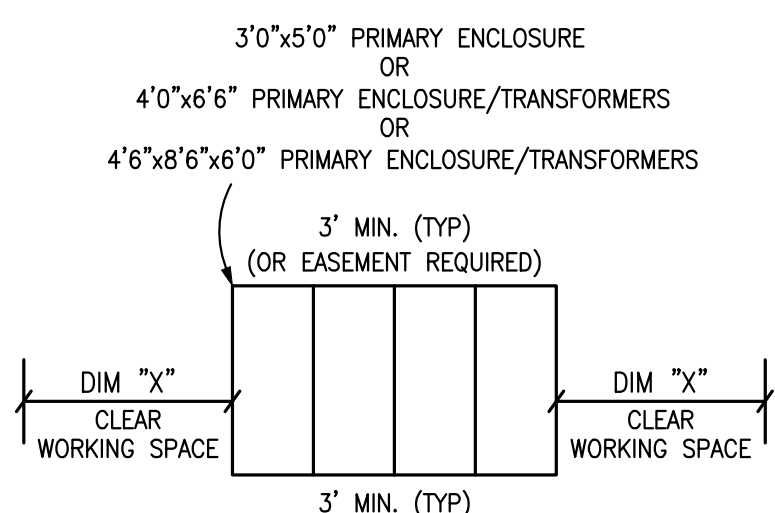
Table with 4 columns: PRIMARY BOX SIZE, DISTANCE, WHEN CONDUIT ENTERS BOX, and a dimension (A, B, C, D).

Table with 4 columns: PRIMARY BOX SIZE, DISTANCE, WHEN CONDUIT ENTERS BOX, and a dimension (A, B, C, D).

TYPICAL PRIMARY BOX EXCAVATION USING A CONDUIT SYSTEM

NOT TO SCALE

PG&E PRIMARY ENCLOSURE CLEARANCES



DIM "X"

- 3' MIN. 3'0"X5'0" ENCLOSURES
4' MIN. 4'0"X6'6" ENCLOSURES
5' MIN. 4'6"X8'6"X6'0" ENCLOSURES

NOT TO SCALE

APPLICANT TO WATERPROOF ALL TRANSFORMER ENCLOSURES AND SEAL ELECTRIC CONDUITS ENTERING ENCLOSURE PER PG&E STANDARDS 072149 & 062288

JOINT TRENCH CONTRACTORS NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL INSTALLATIONS INSPECTED AND APPROVED BY THE RESPECTIVE UTILITY COMPANY...
17. EDGE OF SPLICE BOXES & PEDESTALS SHALL BE 5' FROM EDGE OF F.H. AND 3' FROM STREET LIGHT (TYP.) CONTRACTOR TO AVOID DISTURBING F.H. THRUST BLOCK.

GENERAL NOTES

- 1. PG&E'S UO STANDARD S5453 TO BE UTILIZED FOR ALL TRENCHING, BACK-FILLING, AND INSTALLATION WORK.
2. SHOULD A DISPUTE OR DISAGREEMENT OVER ANY INSTALLATION, DESIGN, PLAN, OR DRAWING OCCUR...
11. TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY...

Table for REVISIONS with columns: SYMBOL, DATE, DESCRIPTION.

GIACALONE DESIGN SERVICES, INC. logo and contact information: 5200 STONERIDGE MALL, RICHMOND, CA 94608.

JOINT TRENCH GENERAL NOTES & DETAILS
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

Table with project details: PROJECT MANAGER (B. FULLINGTON), DRAWN BY (RSG/MB), CHECKED BY (BDF/MB), SCALE (NONE), JOB NUMBER (15-198), DATE LAST MODIFIED (06-06-18), SHEET (JT2), OF (6 SHEETS).

DESIGN CHANGE COMPONENT
ANY CHANGES TO THIS DESIGN MUST BE APPROVED BY
LINH LY (415) 695-3591
PG&E Gas ADE

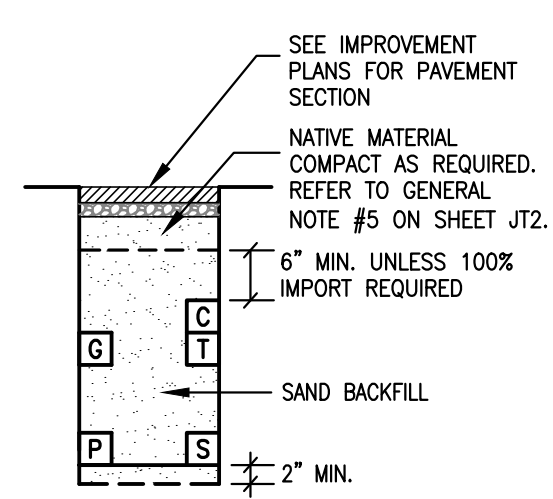
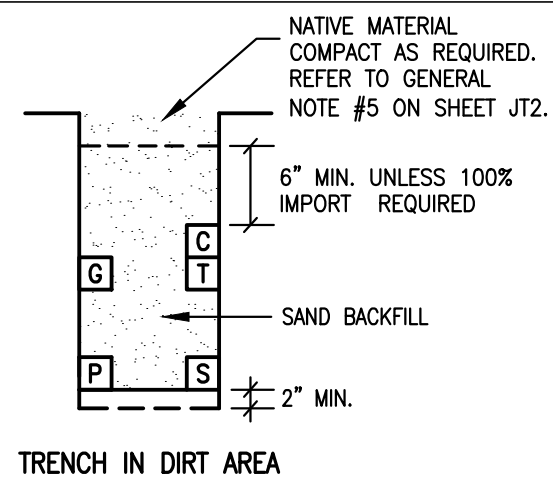
DEVELOPER PLEASE NOTE AND SIGN
ALL PG&E ENCLOSURES AND BOXES HAVE BEEN SET TO GRADE ACCORDING TO GRADE STAKES PROVIDED BY DEVELOPERS ENGINEER...
THANK YOU
SIGNED:
DATE:

AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION...
SIGNATURE: [Signature] DATE: 10-15-19
NAME: RCE# E11985
EXP. DATE: 09/30/21



MINIMUM COVER & CLEARANCE CHART

UTILITY	G	T	C	S	P	SF	PUB SL	F	MINIMUM COVER
G (GAS) SEE NOTE 3 & 4	12"	12"	6"	12"	12"	12"	12"	24"	30" IN STREET
T (TELEPHONE)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
C (CABLE T.V.)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
S (PG&E SECONDARY)	6"	12"	12"	1.5"	3"	3"	12"	24"	30" IN STREET
P (PG&E PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
SF (SFUC PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
*SL (PUBLIC-STREET LIGHT)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
F (CITY-FIBER OPTIC)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET



NOTE:

- TRENCH COVER & CLEARANCES SHOWN ARE MINIMUMS ONLY AND MAY REQUIRE ALTERATIONS TO SUIT FIELD CONDITIONS.
- IT IS RECOMMENDED THAT ALL FACILITIES ARE TO BE A MINIMUM OF 12" BELOW SUBBASE DISTURBANCE.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED, SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE, CATV & FIBER OPTIC).
- WHERE 6" GAS MAIN IS IN JOINT TRENCH 12" MINIMUM SEPARATION FROM GAS MAIN TO ALL UTILITIES WILL BE REQUIRED.
- 3" MINIMUM BETWEEN 600A (6") MAINLINE PRIMARY ELECTRIC DUCTS.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, ST. LT. SEPARATION MAY BE REDUCED TO 0" BETWEEN ST. LT. AND COMMUNICATION DUCTS (TELEPHONE, CATV, & FIBER OPTIC).

TRENCH SECTION LEGEND

- ☐ MEETS UTILITY TRENCH ALLOTMENT
- ☐ EXCEEDS UTILITY TRENCH ALLOTMENT
- ☐ SFUC PRIMARY
- ☐ PG&E PRIMARY
- ☐ PG&E SECONDARY
- ☐ PG&E GAS
- ☐ TELEPHONE
- ☐ CABLE T.V. (CABLECOM)
- ☐ CABLE T.V. (WAVE BROADBAND)
- ☐ FIBER OPTIC (DTIS-PUBLIC SAFETY)
- ☐ STREET LIGHTING

XX LF-TOTAL = TOTAL TRENCH LENGTH
 XX LF-R&R = REMOVE & REPLACE PAVEMENT ONLY, TRENCH INCLUDED IN TOTAL TRENCH LENGTH

JOINT TRENCH OCCUPANCY GUIDE

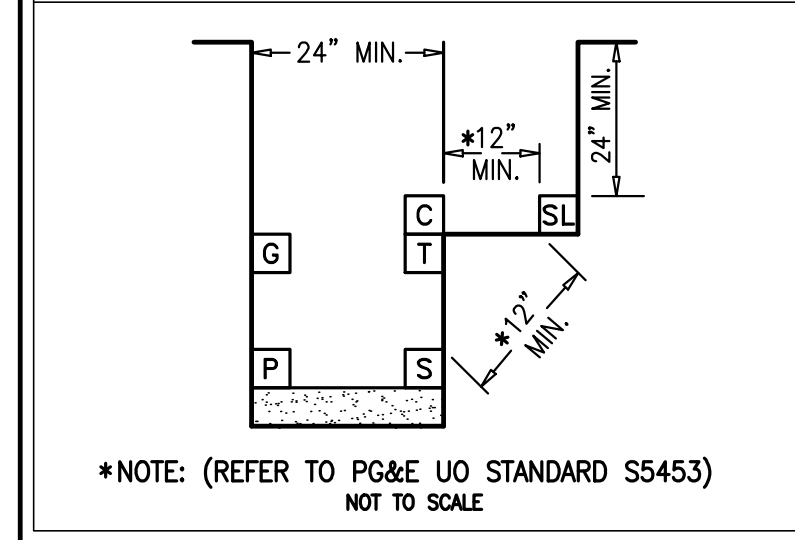
SECTION	G	T	C	S	P	OTHER
*A	X	X	X	X	X	
*B	X	X	X	X	X	
*C	X	X	X	X	X	
*D	X	X	X	X	X	
*E	X	X	X	X	X	
*F	X	X	X	X	X	
*G			X	X	X	
*H			X	X	X	
I	X	X	X			
J	X	X				
K	X	X	X			
L	X	X	X			
M	X	X	X	X		
N	X	X	X	X		
O	X	X	X	X		
P	X	X	X	X		
Q	X	X	X			
R	X	X	X			
S			X	X		
T	X	X	X			
U	X	X	X			
V			X			
W			X			

*THESE SECTIONS MAY OR MAY NOT CONTAIN SECONDARY

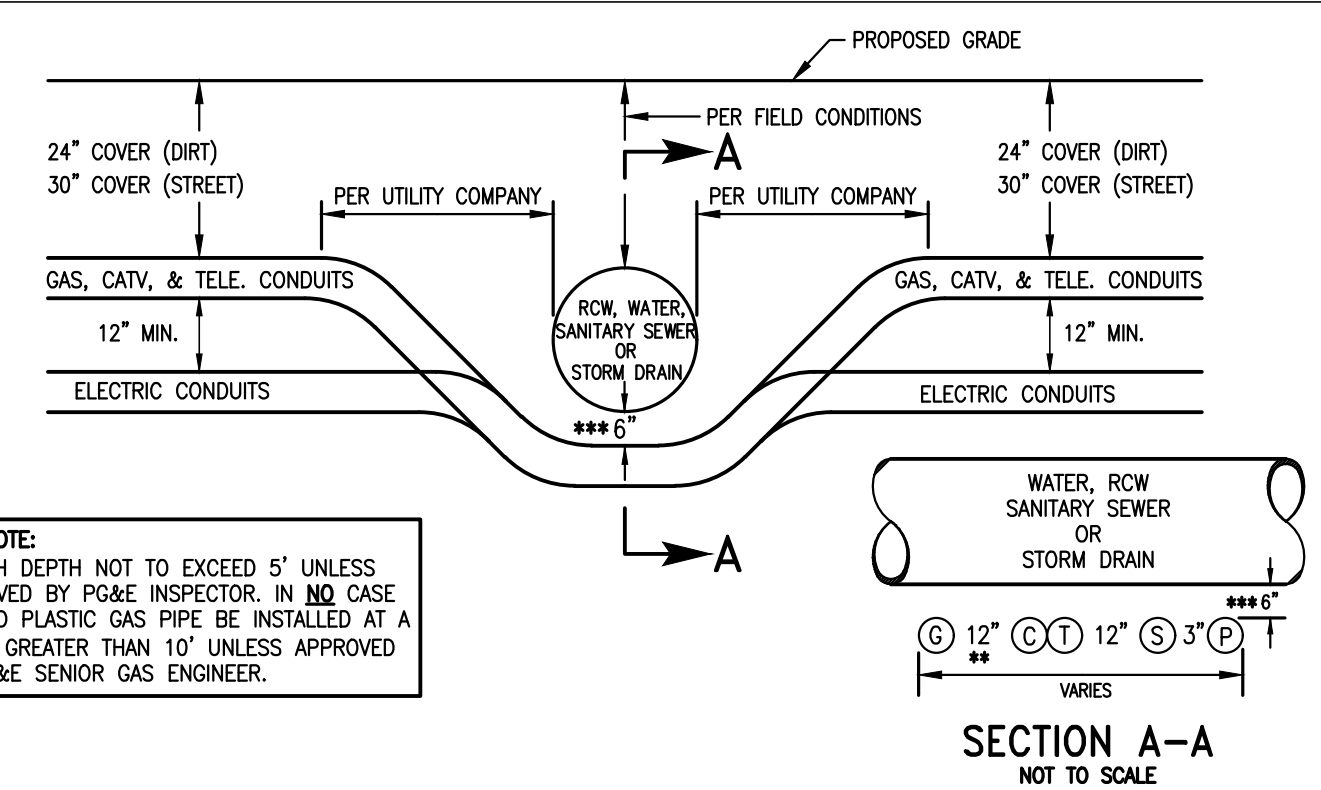
GENERAL TRENCH SECTION NOTES

- TRENCH CONFIGURATIONS SHOWN ARE FOR INSTALLATIONS WHERE EACH OCCUPANT IS UTILIZING HIS ENTIRE SPACE ALLOCATION. OTHER CONFIGURATIONS, OR REDUCED DIMENSIONS, MAY BE USED PROVIDED THAT MINIMUM COVER AND CLEARANCES ARE MAINTAINED.
- CONTRACTOR TO ADJUST TRENCH DEPTHS AT ALL JOINT TRENCH LATERAL CROSSINGS TO MAINTAIN REQUIRED CLEARANCES BETWEEN ALL PARTICIPATING UTILITIES.
- TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY, THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.

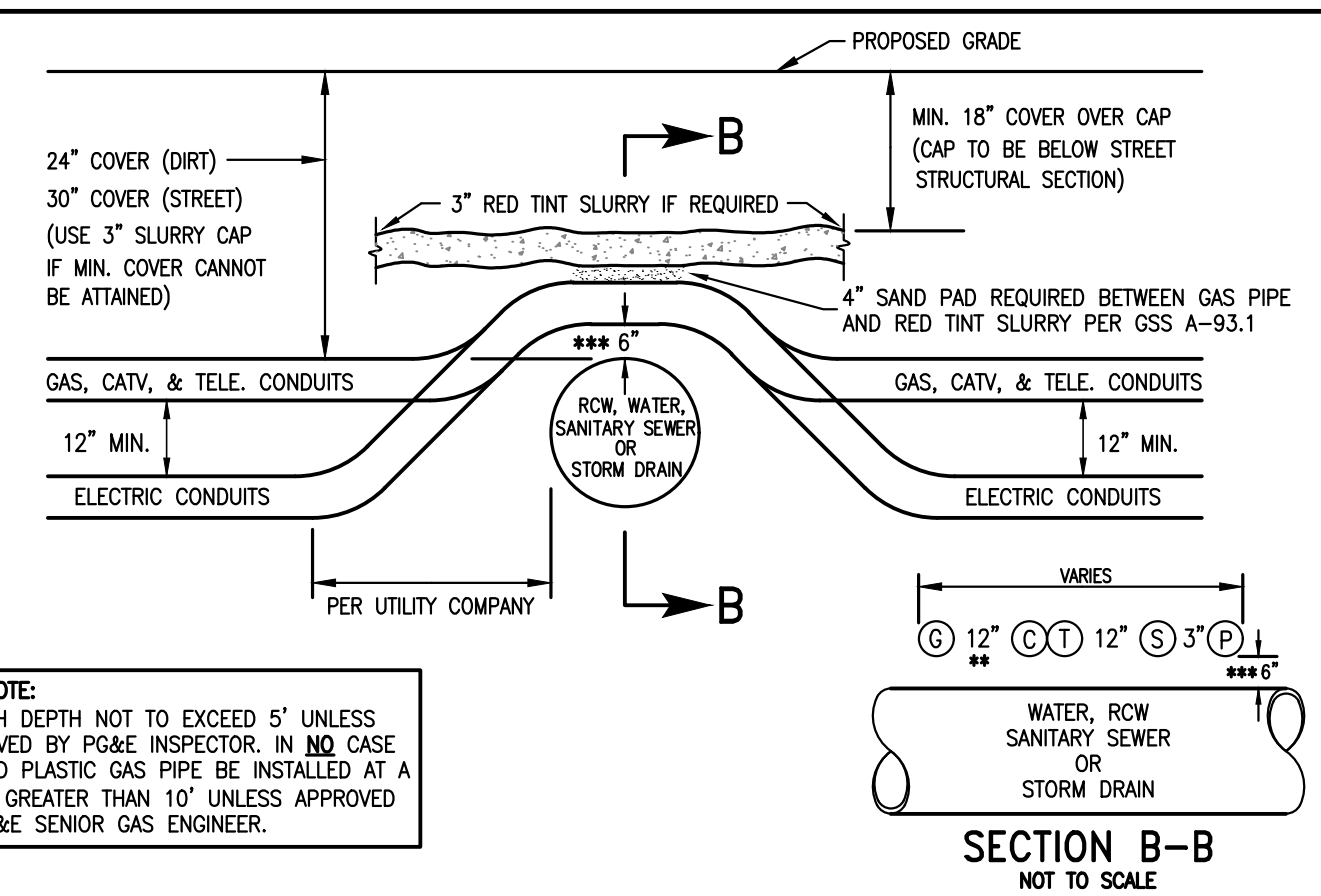
TYPICAL STEP TRENCH W/ST. LT. J.T. CONTRACTOR OPTION



DRY UTILITY CROSSING DETAILS



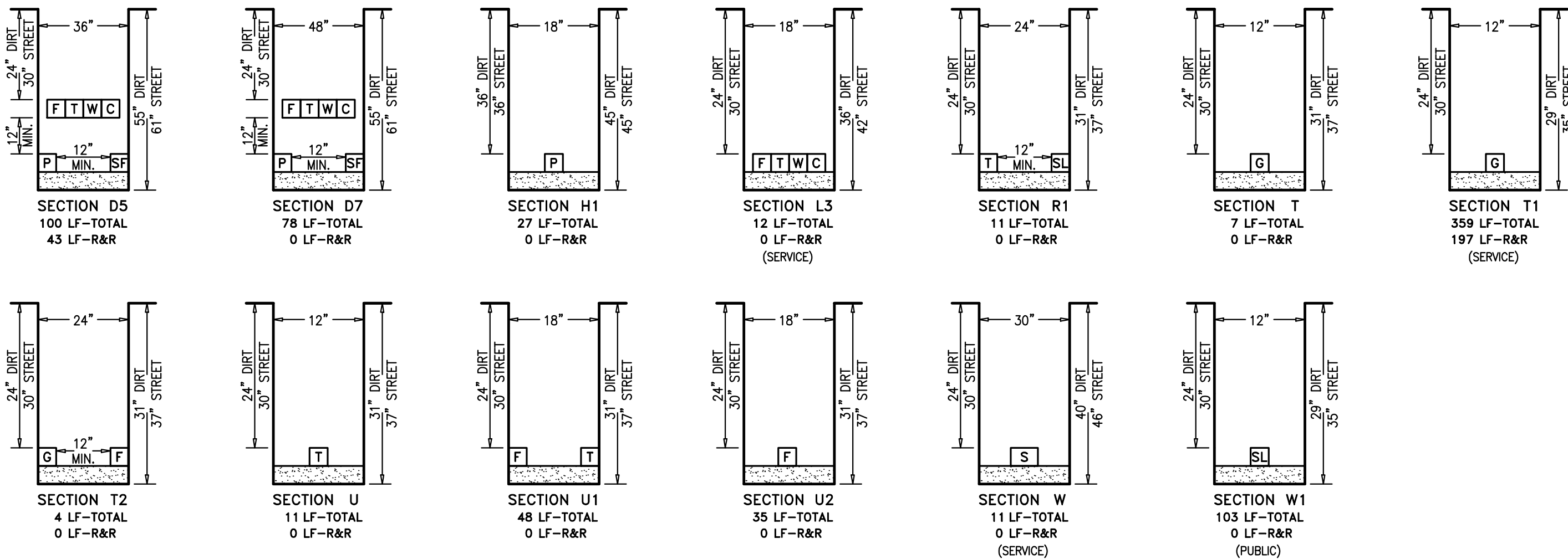
JOINT TRENCH UNDER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN



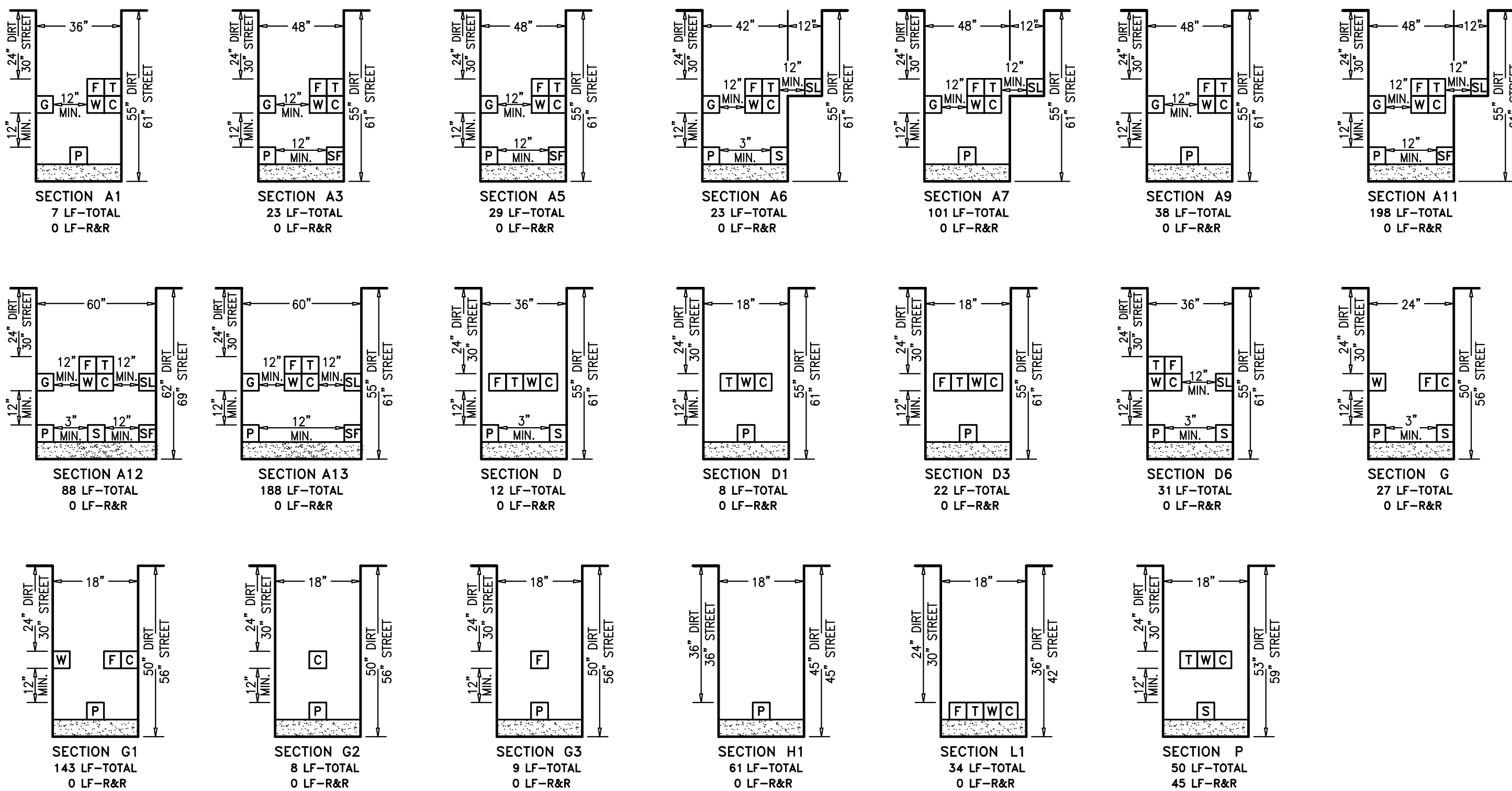
JOINT TRENCH OVER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN

- NOTE:**
- SEE MINIMUM COVER & CLEARANCE CHART.
 - WITH MUTUAL AGREEMENT, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE & CATV).
 - 6" MINIMUM REQUIRED BY PG&E-ADDITIONAL CLEARANCE MAYBE REQUIRED BY CITY OR COUNTY. BED THE BOTTOM OF THE TRENCH WITH IMPORTED SAND, INSTALL THE CONDUIT AND/OR GAS PIPE, COVER THE FACILITY WITH THE SAME IMPORTED SAND AND MECHANICALLY COMPACT USING A VIBRATORY TYPE COMPACTOR.
 - CROSSING METHODS ARE NOT LIMITED TO THE ABOVE DETAILS. OTHER APPROVED CONFIGURATIONS MAY BE USED. CONTRACTOR TO VERIFY METHOD OF CROSSING WITH GOVERNING AGENCY AND/OR UTILITY COMPANIES AS REQUIRED PRIOR TO CONSTRUCTION.
 - JOINT TRENCH CONTRACTOR SHALL NOT ASSUME THAT ANY OF THE METHODS ABOVE WILL BE ACCEPTABLE TO PG&E & THE UTILITIES. J.T. CONTRACTOR IS REQUIRED TO COORDINATE THE LOCAL INSPECTORS PRIOR TO INSTALLING DRY UTILITIES ACROSS WATER, RECYCLED WATER, SANITARY SEWER, STORM DRAIN OR ANY OTHER FACILITY WITH ANY ISSUE RELATING TO COVERS LESS THAN THE MINIMUM OR COVERS REQUIRING SHOWING. CONCRETE CAPPING IS ONLY ACCEPTABLE WHERE NO OTHER SOLUTION IS POSSIBLE AND ONLY WHEN CERTAIN CRITERIA ARE MET AND ONLY WITH PG&E APPROVAL.

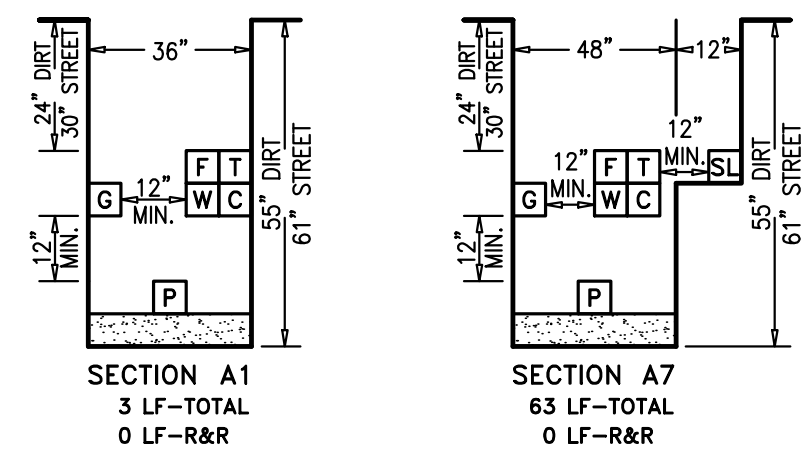
RULE 15/16 TRENCH SECTIONS



RULE 20 TRENCH SECTIONS



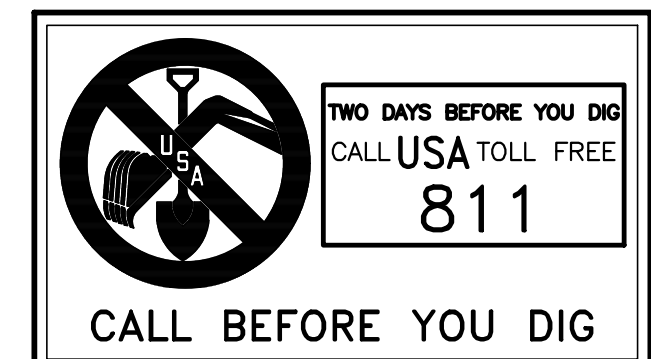
RULE 15/16 & RULE 20 TRENCH SECTIONS



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SIGNATURE *David Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21



APPROVED	REVISIONS	DESCRIPTION	SYMBOL	DATE

GIACALONE
 DESIGN SERVICES, INC.
 5200 STONERIDGE MALL, RD., #545 | PLEASANTON, CA 94588
 925-467-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH SECTIONS & DETAILS
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
 B. FULLINGTON
 DRAWN BY:
 RSG/MB
 CHECKED BY:
 BDF/MB
 SCALE:
 NONE
 JOB NUMBER:
 15-198
 DATE LAST MODIFIED:
 06-06-18
 SHEET
JT3
 OF 6 SHEETS

TEMPORARY OVERHEAD LEGEND

- OH — TEMPORARY OVERHEAD
- - - - TEMPORARY OVERHEAD EASEMENT
- TEMPORARY POLE
- ← TEMPORARY GUY ANCHOR

LEGEND

- UT — EXISTING TRENCH OR UTILITIES
- — — PROPOSED TRENCH (DISTRIBUTION)
- — — PROPOSED TRENCH (SERVICE)
- . — PROPOSED STREET LIGHT TRENCH
- EXISTING UTILITY SPLICE BOX
- ⊙ GAS E.T.S. BOX (N.T.S.)
- ⊙ GAS CURB VALVE (N.T.S.)
- ⊠ 17"x30"x18" PG&E SPLICE BOX
- ⊠ 3 24"x36"x26" PG&E SPLICE BOX
- ⊠ 5 3"x5"x3"6" PG&E SPLICE BOX
- ⊠ 6 4"x6"x5' PG&E BOX
- ⊠ 7 4'6"x8'6"x6' PG&E SPLICE BOX
- ⊠ 4'6"x6"x5' PG&E TRANSFORMER
- ⊠ 4'6"x8'6"x7'6" PG&E UCD TRANSFORMER
- ⊠ 4'6"x8'6"x6' PG&E DUPLEX TRANSFORMER
- ⊠ T7 20"x42"x34" TELEPHONE SPLICE BOX
- ⊠ T4 30"x48"x34" TELEPHONE SPLICE BOX
- ⊠ T9 30"x60"x24" W/ 8" EXTENSION TELEPHONE SPLICE BOX
- ⊠ M 24"x36" WAVE BROADBAND PEDESTAL
- ⊠ W1 24"x36" WAVE BROADBAND BOX
- ⊠ C2 20"x42"x12" W/ 8" EXTENSION CABLECOM BOX (B44)
- ⊠ C4 30"x60"x14" W/ 10" EXTENSION CABLECOM BOX (N52)
- ⊠ VS 40"x40" FIBER OPTIC SPLICE BOX
- ⊠ STREET LIGHT (SFO STD LS102)
- ⊠ PEDESTRIAN LIGHT (SFO STD LP170)
- ⊠ STREET LIGHT BOX (STATE TYPE 3 1/2)
- ⊠ EXISTING STREET LIGHT
- ⊠ EXISTING UTILITY POLE
- ⊠ EXISTING UTILITY POLE GUY ANCHOR
- ⊠ PG&E SKETCH LOCATION NUMBER
- ⊠ (F.V.T.) FULL VEHICULAR TRAFFIC LID
- ⊠ (N.T.S.) NOT TO SCALE
- ⊠ DTIS FIBER PULL STATION

RULE 20B LEGEND

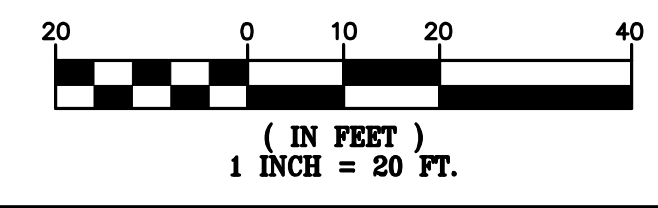
- OH — EXISTING OVERHEAD - TO REMAIN
- OH — EXISTING OVERHEAD - TO BE REMOVED
- PROPOSED NEW RISER POLE
- EXISTING UTILITY POLE - TO REMAIN
- EXISTING UTILITY POLE - TO BE REMOVED
- ← PROPOSED NEW GUY ANCHOR
- ← EXISTING UTILITY POLE GUY ANCHOR - TO REMAIN
- ← EXISTING UTILITY POLE GUY ANCHOR - TO BE REMOVED

AS-BUILT RECORD DRAWINGS

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SIGNATURE *David Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

TWO DAYS BEFORE YOU DIG
 CALL USA TOLL FREE
811
 CALL BEFORE YOU DIG

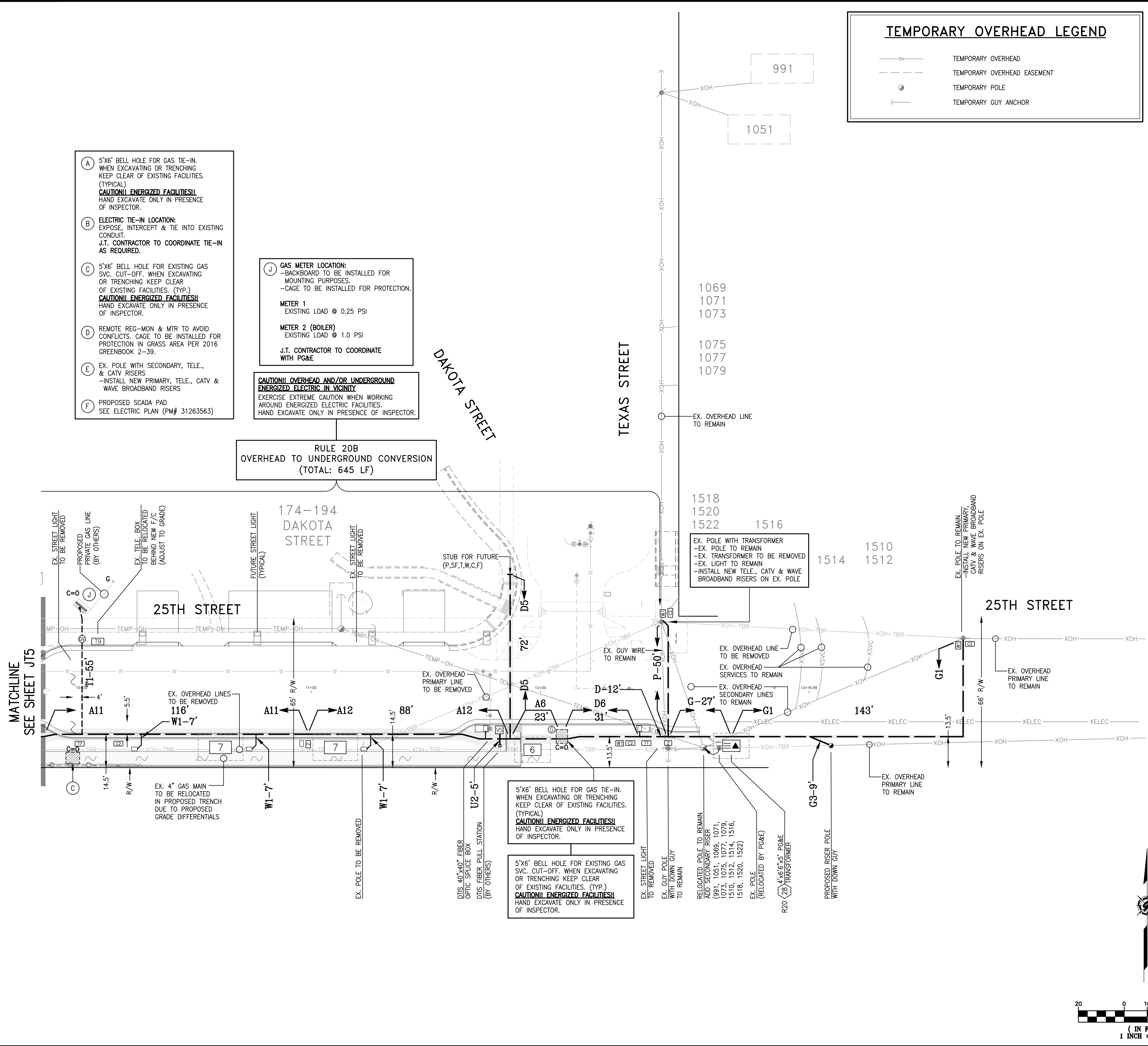


- A 5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES! HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.
- B ELECTRIC TIE-IN LOCATION: EXPOSE, INTERCEPT & TIE INTO EXISTING CONDUIT.
J.T. CONTRACTOR TO COORDINATE TIE-IN AS REQUIRED.
- C 5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES! HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.
- D REMOTE REG-MON & MTR TO AVOID CONFLICTS. CAGE TO BE INSTALLED FOR PROTECTION IN GRASS AREA PER 2016 GREENBOOK 2-39.
- E EX. POLE WITH SECONDARY, TELE., & CATV RISERS
-INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS
- F PROPOSED SCADA PAD
SEE ELECTRIC PLAN (PM# 31263563)

- J GAS METER LOCATION:
-BACKBOARD TO BE INSTALLED FOR MOUNTING PURPOSES.
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1
EXISTING LOAD @ 0.25 PSI
METER 2 (BOILER)
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

CAUTION! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
 EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES.
 HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

**RULE 20B
 OVERHEAD TO UNDERGROUND CONVERSION
 (TOTAL: 645 LF)**



REVISIONS

SYMBOL	DATE	DESCRIPTION

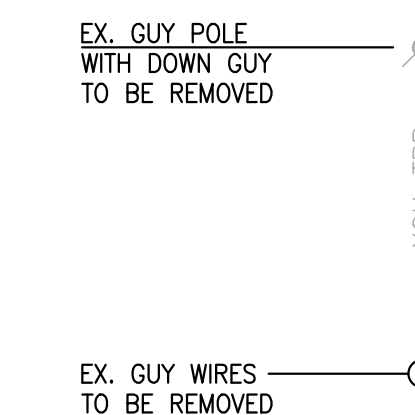
GIACALONE
 DESIGN SERVICES, INC.
 5200 STONERIDGE MALL, SUITE 110, PLEASANTON, CA 94588
 925-467-1740 | WWW.GIACALONEDSG.COM

JOINT TRENCH COMPOSITE PLAN
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
 B. FULLINGTON
 DRAWN BY:
 RSG/MB
 CHECKED BY:
 BDF/MB
 SCALE:
 1"=20'
 JOB NUMBER:
 15-198
 DATE LAST MODIFIED:
 06-06-18
 SHEET
JT4
 OF 6 SHEETS

1072-1090
CONNECTICUT STREET

CONNECTICUT STREET

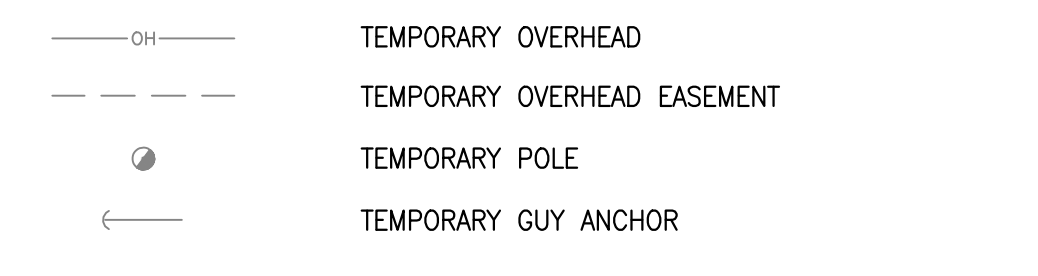


(H) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1 (STOVE)
EXISTING LOAD @ 1.0 PSI
METER 2 (APPLIANCE)
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

(I) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1
EXISTING LOAD @ 0.25 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

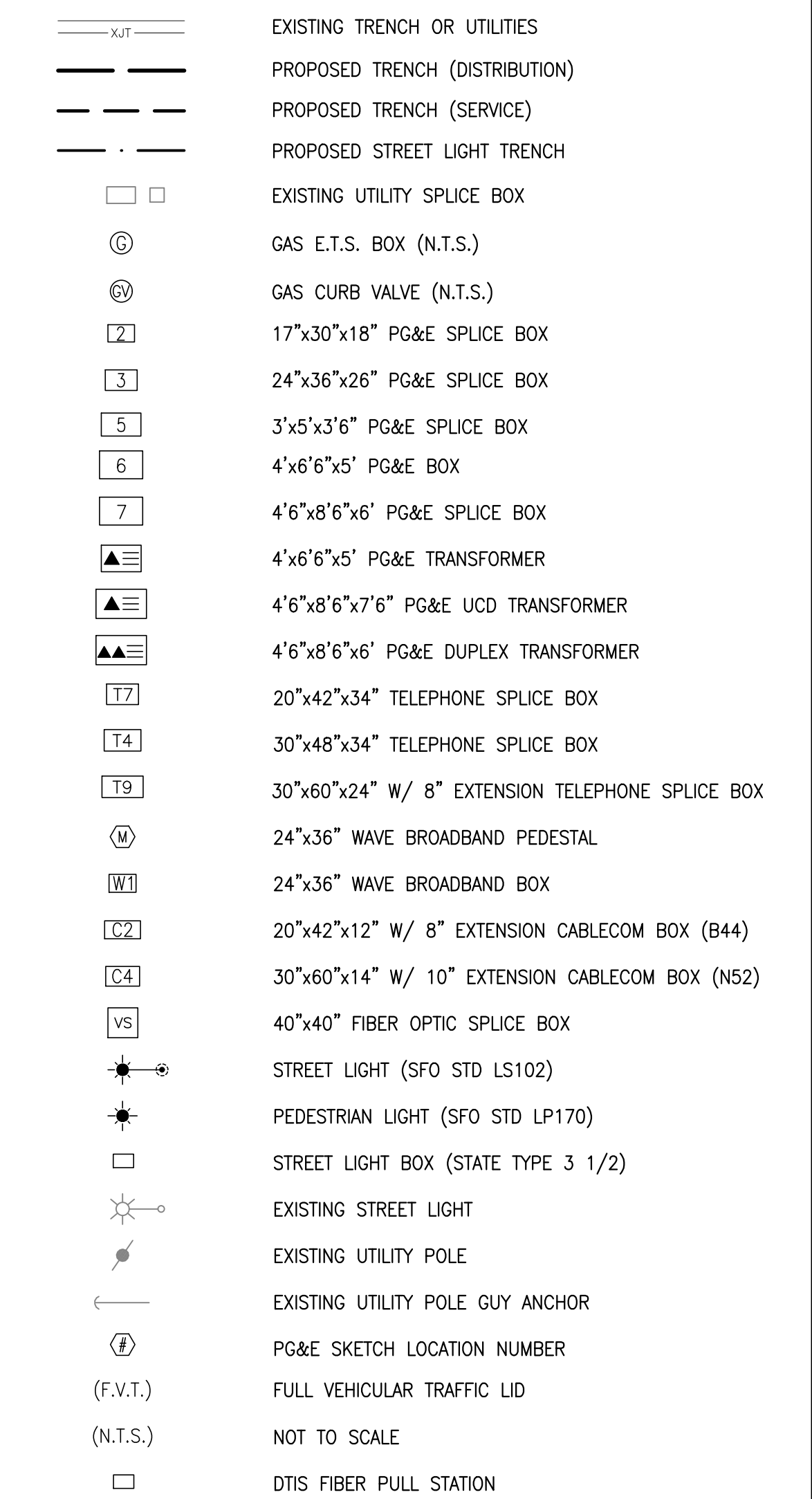
RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 645 LF)

TEMPORARY OVERHEAD LEGEND

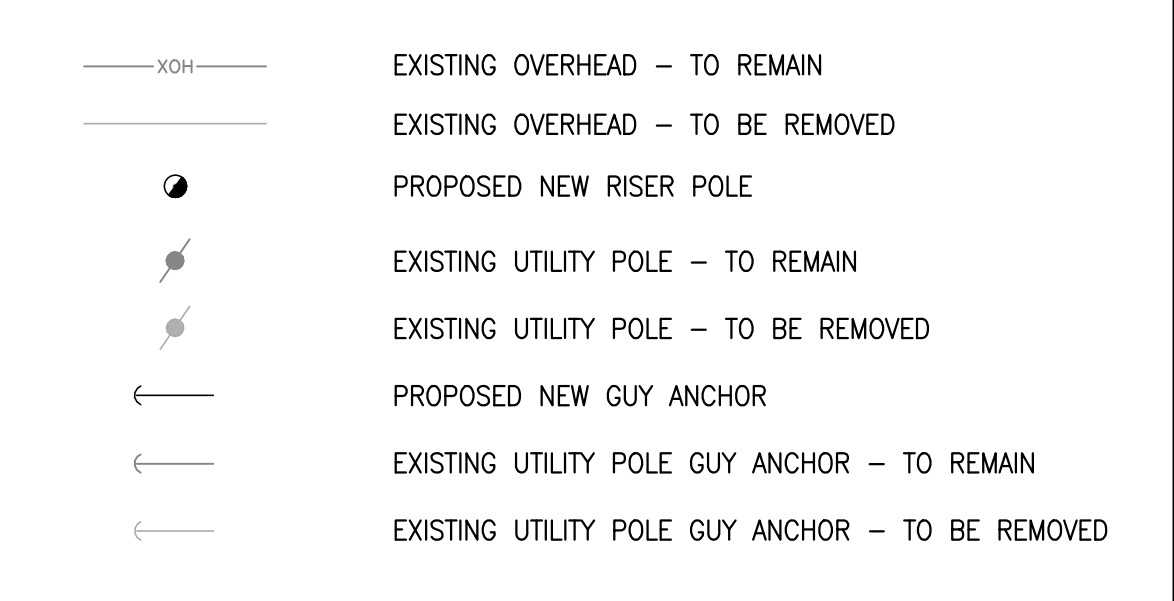


CAUTION!! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES.
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

LEGEND



RULE 20B LEGEND

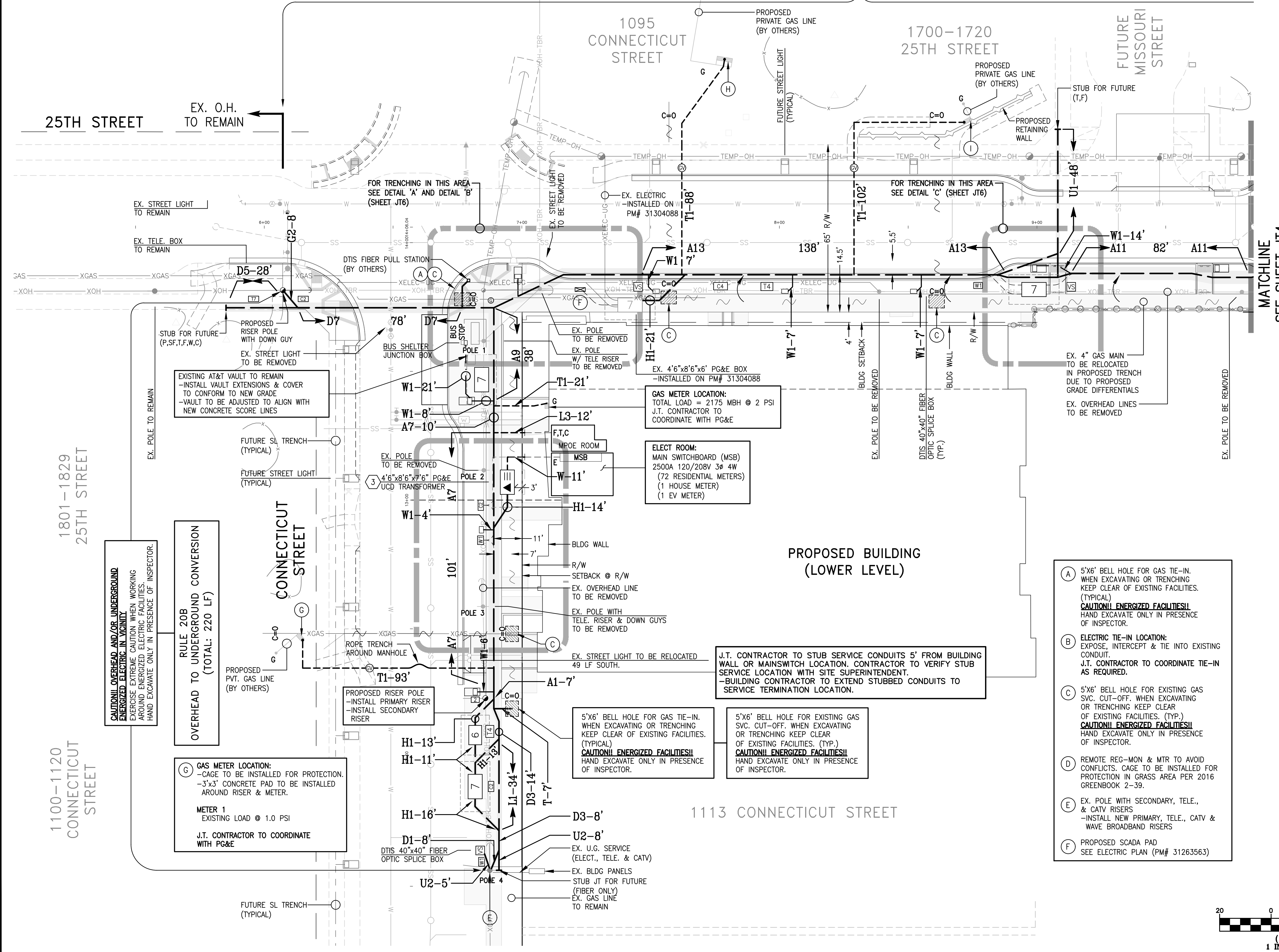


REVISIONS table with columns for SYMBOL, DATE, and DESCRIPTION.

GIACALONE DESIGN SERVICES, INC. 5200 STONERIDGE WALK, #450, PLEASANTON, CA 94588

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER: B. FULLINGTON
DRAWN BY: RSG/MB
CHECKED BY: BDF/MB
SCALE: 1"=20'
JOB NUMBER: 15-198
DATE LAST MODIFIED: 06-06-18
SHEET: JT5
OF 6 SHEETS



RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 220 LF)

(G) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
-3'x3' CONCRETE PAD TO BE INSTALLED AROUND RISER & METER.
METER 1
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

ELECT ROOM:
MAIN SWITCHBOARD (MSB)
2500A 120/208V 3Ø 4W
(72 RESIDENTIAL METERS)
(1 HOUSE METER)
(1 EV METER)

PROPOSED BUILDING (LOWER LEVEL)

J.T. CONTRACTOR TO STUB SERVICE CONDUITS 5' FROM BUILDING WALL OR MAINSWITCH LOCATION. CONTRACTOR TO VERIFY STUB SERVICE LOCATION WITH SITE SUPERINTENDENT.
-BUILDING CONTRACTOR TO EXTEND STUBBED CONDUITS TO SERVICE TERMINATION LOCATION.

5'x6' BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

5'x6' BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(A) 5'x6' BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(B) ELECTRIC TIE-IN LOCATION: EXPOSE, INTERCEPT & TIE INTO EXISTING CONDUIT.
J.T. CONTRACTOR TO COORDINATE TIE-IN AS REQUIRED.

(C) 5'x6' BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

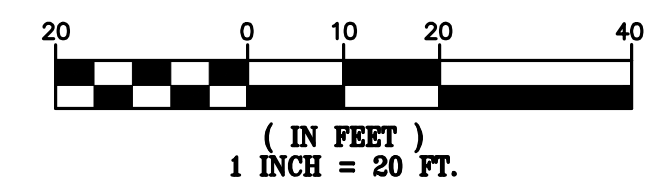
(D) REMOTE REG-MON & MTR TO AVOID CONFLICTS. CAGE TO BE INSTALLED FOR PROTECTION IN GRASS AREA PER 2016 GREENBOOK 2-39.

(E) EX. POLE WITH SECONDARY, TELE., & CATV RISERS
-INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS

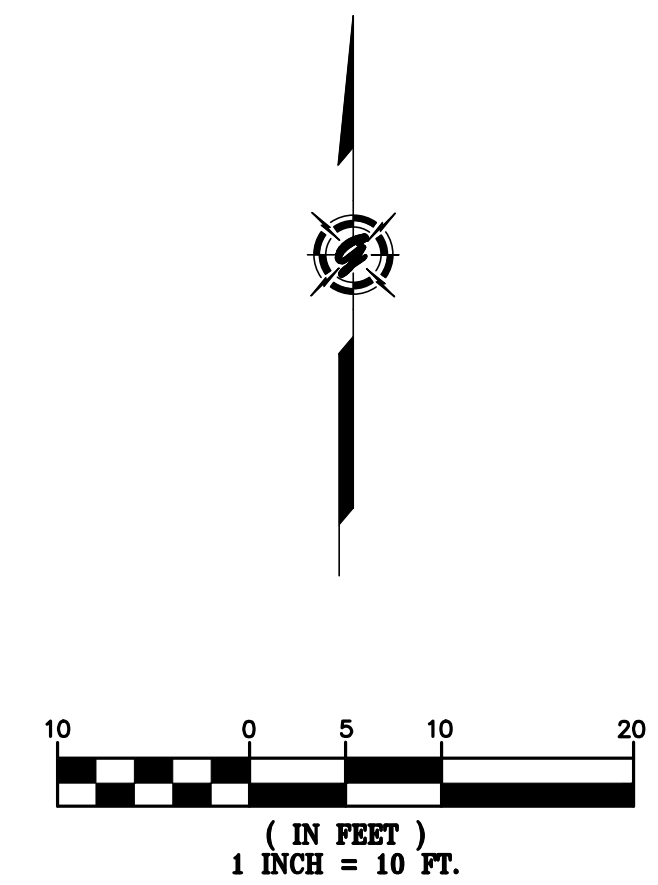
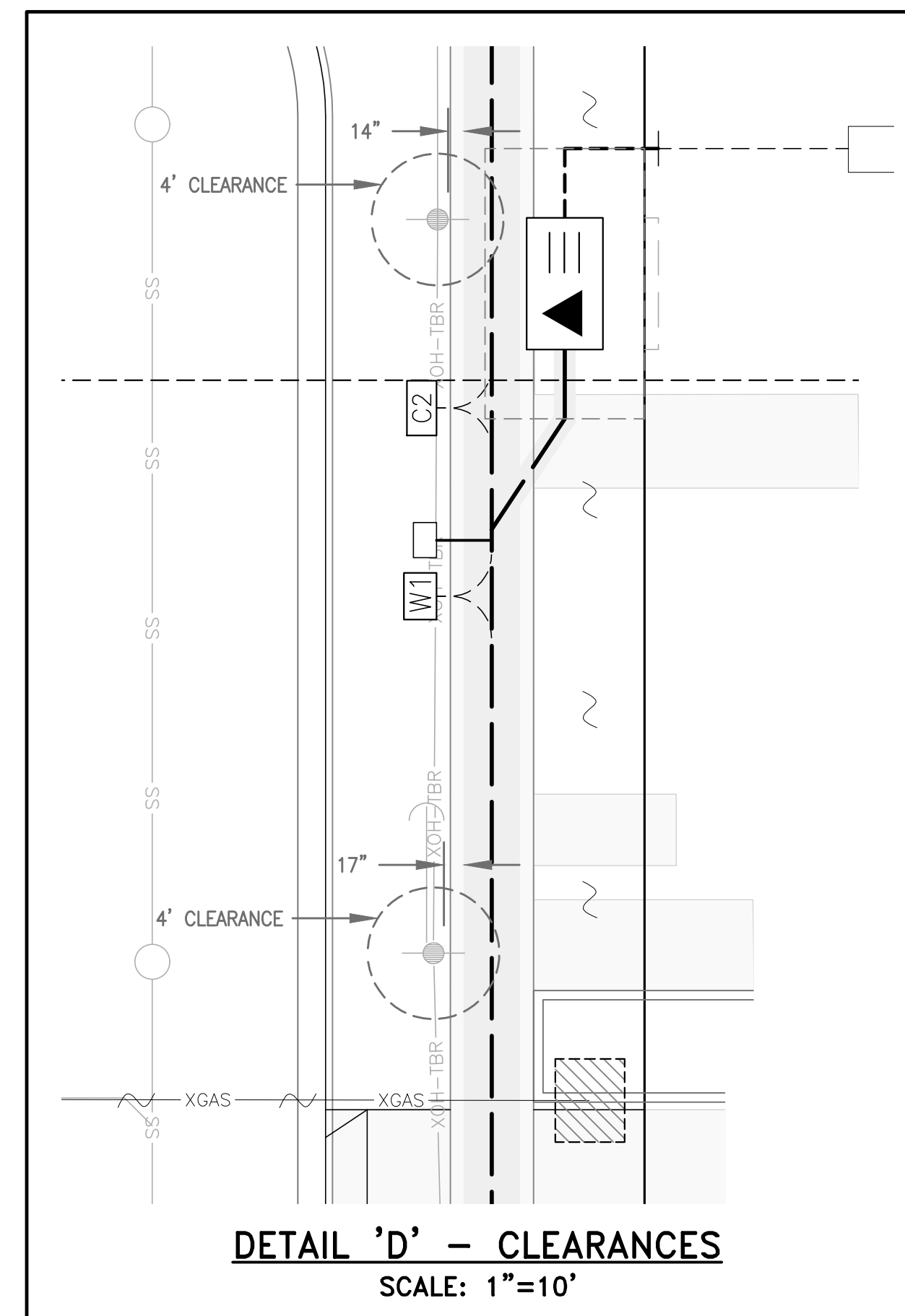
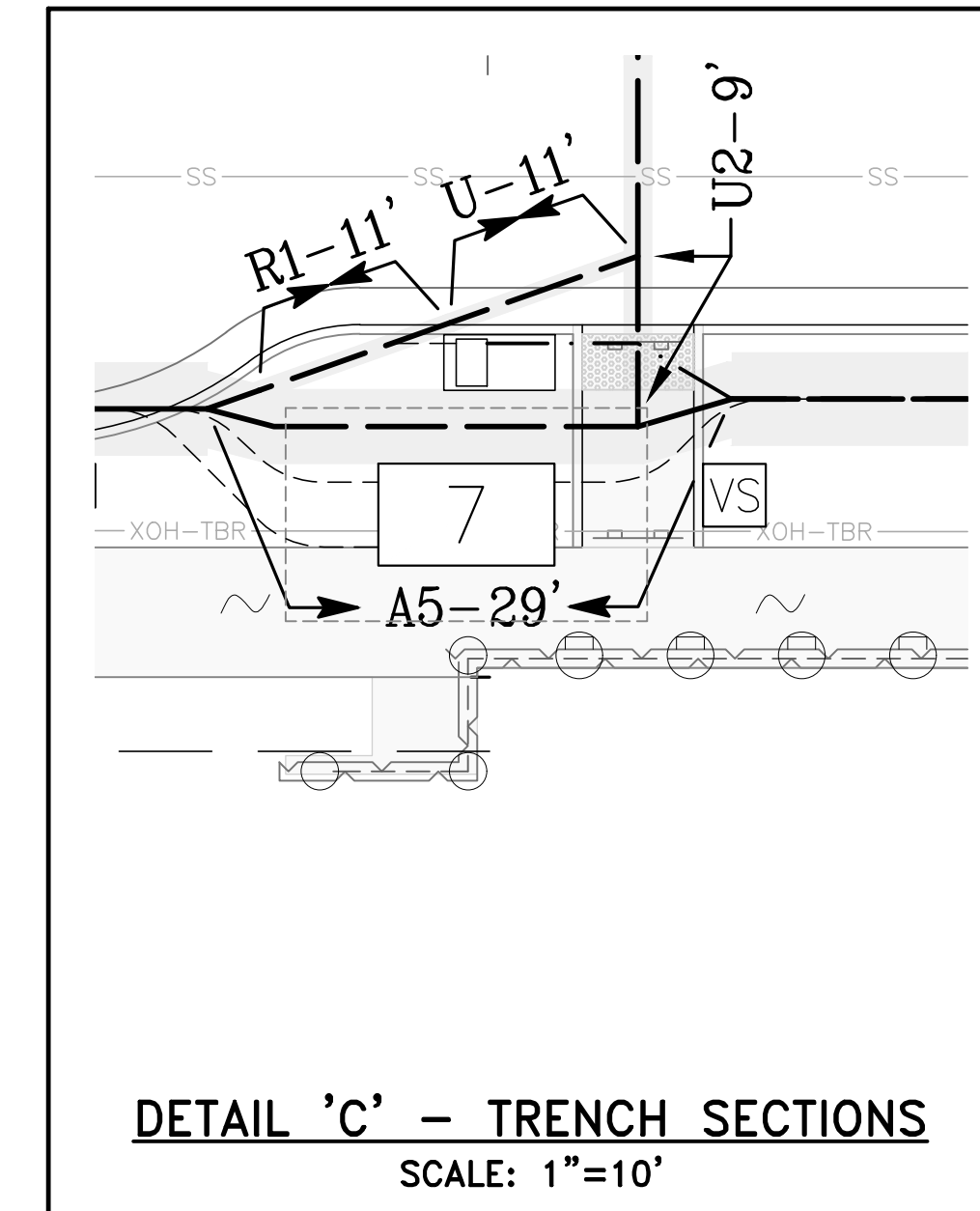
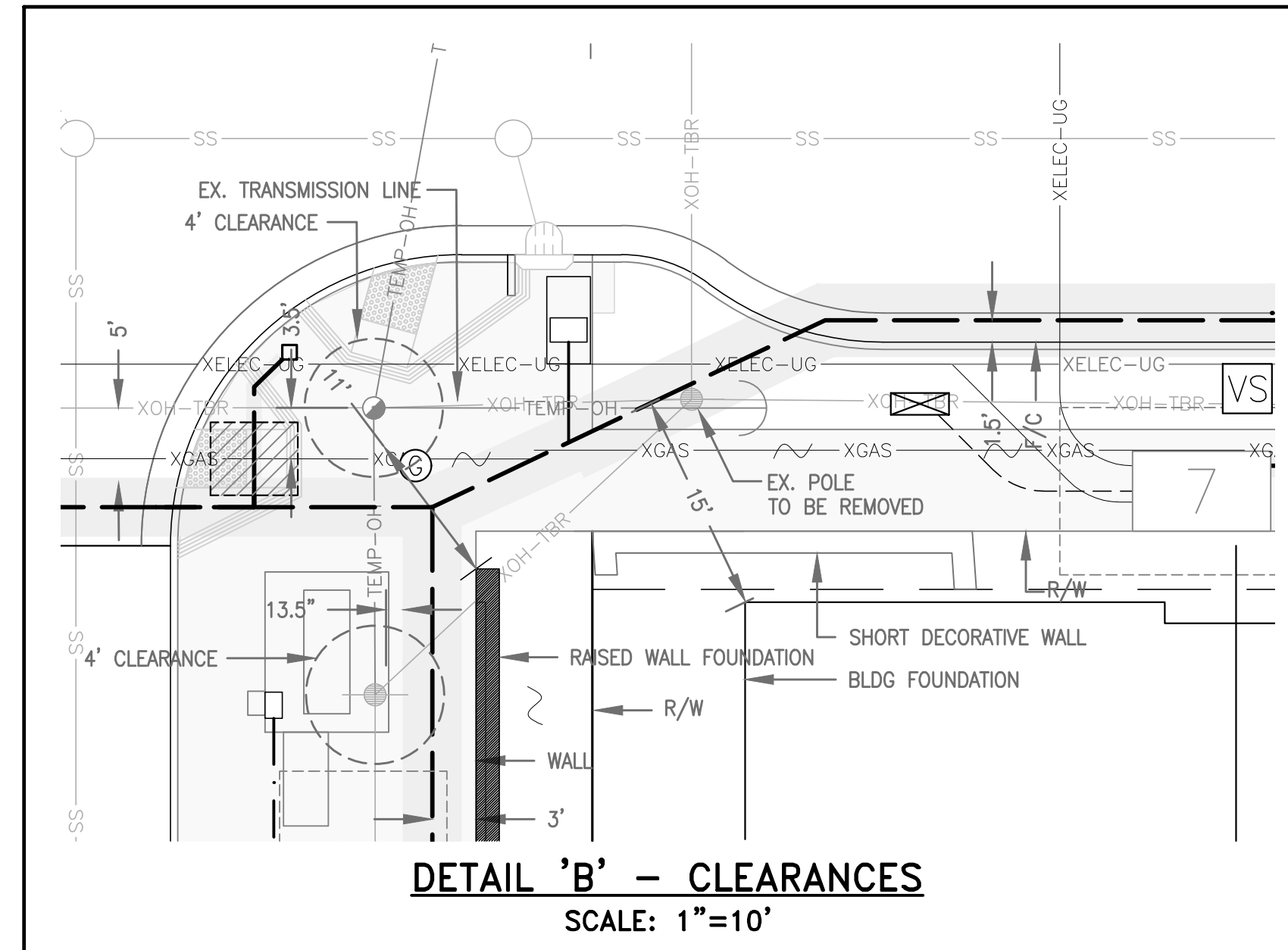
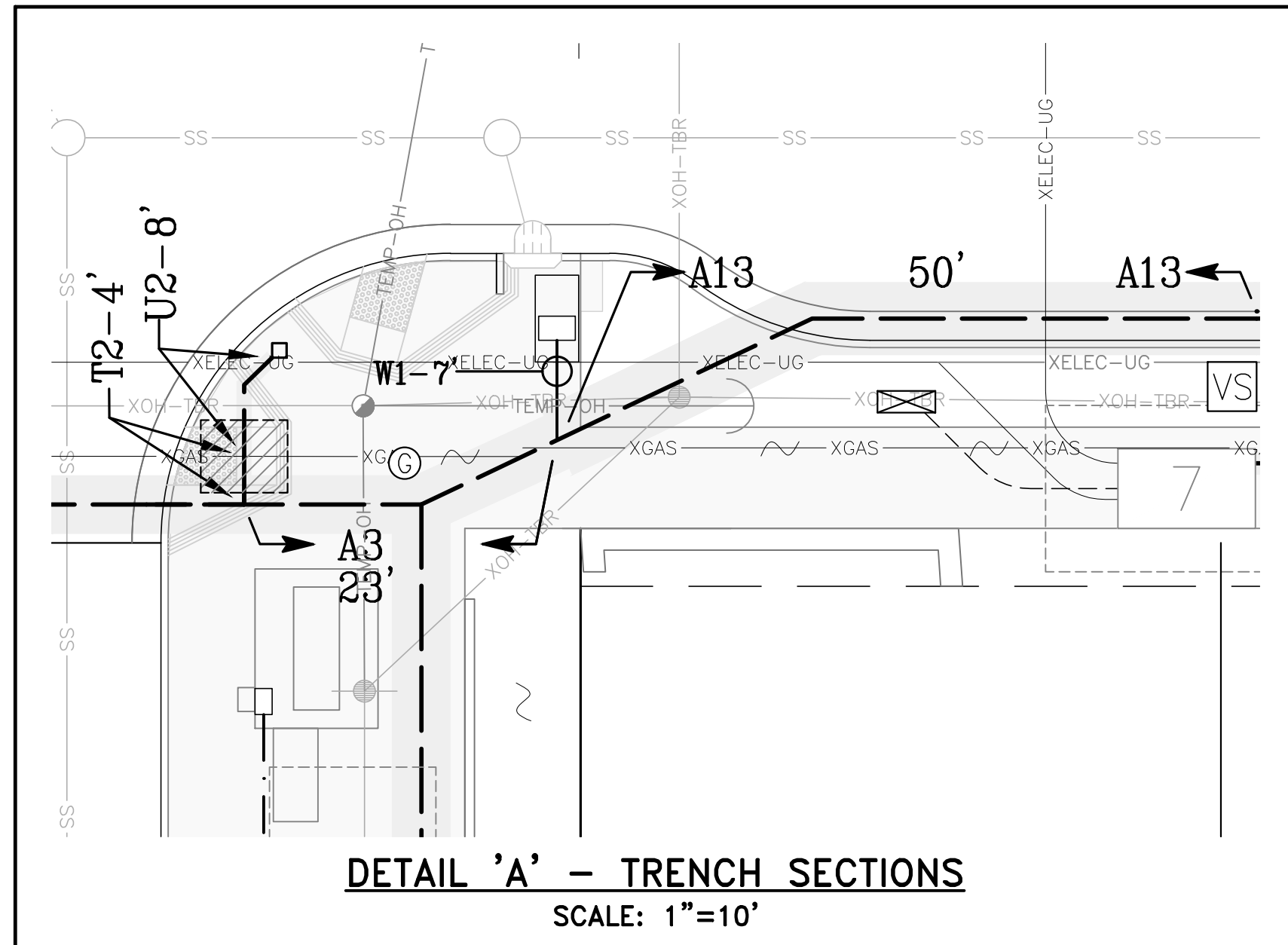
(F) PROPOSED SCADA PAD
SEE ELECTRIC PLAN (PM# 31263563)

AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.
SIGNATURE: [Signature] 10-15-19 DATE
DAVID SCOT CROWFOOT
NAME RCE/E11965
EXP. DATE 09/30/21

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
811
CALL BEFORE YOU DIG



DETAIL SHEET



AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* 10-15-19
DAVID SCOT CROWFOOT DATE
NAME RCE# E11965
EXP. DATE 09/30/21



SYMBOL	DATE	DESCRIPTION	APPROVED

GIACALONE
DESIGN SERVICES, INC.
5200 STONERIDGE MALL, SUITE 110
SAN FRANCISCO, CA 94688
415.774.7140 | WWW.GIACALONEDESIGN.COM

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON
DRAWN BY:
RSG/MB
CHECKED BY:
BDF/MB
SCALE:
1"=10'
JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT6
OF 6 SHEETS

Bill of Sale

For good and valuable consideration of \$0.00, BRIDGE-Potrero Community Associates LLC, a California Limited Liability Corporation ("Seller"), does hereby sell, transfer and convey to Comcast Cable Communications, Inc ("Buyer"), title to those portions of the facilities which are the identified as Buyer's facilities on the "as built" drawings attached hereto as Schedule 1 ("Personal Property"), subject to the terms and provisions hereof.

Seller has executed this Bill of Sale and bargained, sold, transferred, conveyed and assigned the Personal Property and Buyer has accepted this Bill of Sale and is purchasing the Personal Property: **AS IS AND WHEREEVER LOCATED, WITH ALL FAULTS AND WITHOUT ANY REPRESENTATIONS OR WARRANTIES OF WHATSOEVER NATURE, EXPRESS, IMPLIED OR STATUTORY, EXCEPT AS EXPRESSLY SET FORTH HEREIN BELOW, IT BEING THE INTENTION OF THE SELLER AND BUYER TO EXPRESSLY NEGATE AND EXCLUDE ALL WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Seller hereby assigns all warranties and guaranties relating to the construction of the Personal Property that were given by the independent contractor hired by Seller to construct the Personal Property. As used herein the term "**Correction Period**" shall mean one (1) year after "**Final Completion**" (as hereinafter defined). Seller shall, to Buyer's reasonable satisfaction, and provided that such work is not the subject of a warranty or guaranty assigned by Seller to Buyer, re-execute or otherwise remedy any defects in the Personal Property due to faulty workmanship that become apparent during the Correction Period. As used herein, the term "**Final Completion**" shall mean May 27, 2021.

Dated this 22nd day of April, 2022.
Signatures on following page.

SELLER

BRIDGE-Potrero Community Associates LLC
a California limited liability corporation
By: BRIDGE Housing Corporation, INC.,
a California nonprofit public benefit
corporation



4745414A7DCB41A...

Marie Debor – Vice President

SCHEDULE 1

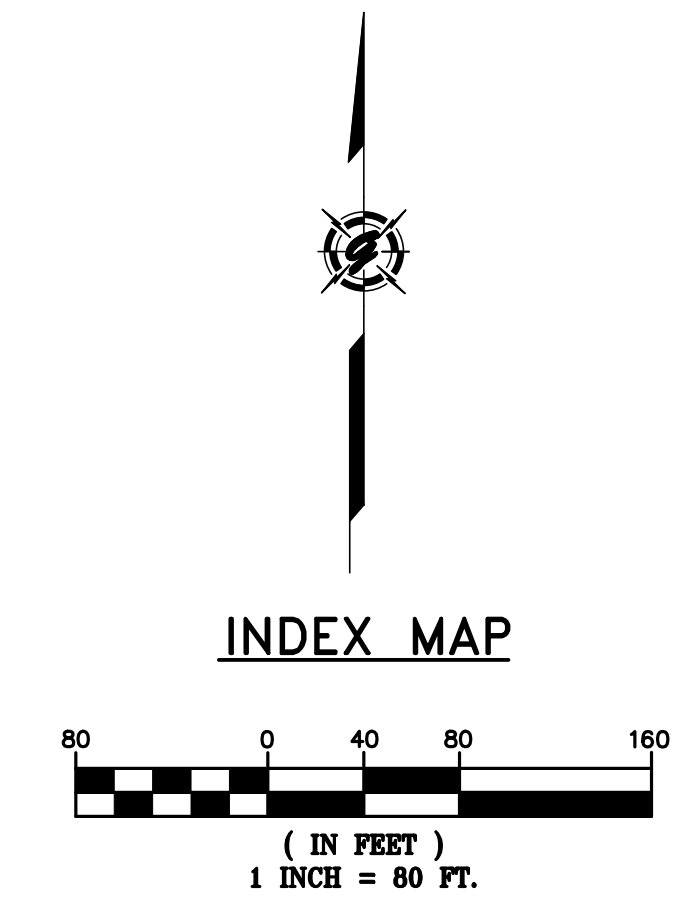
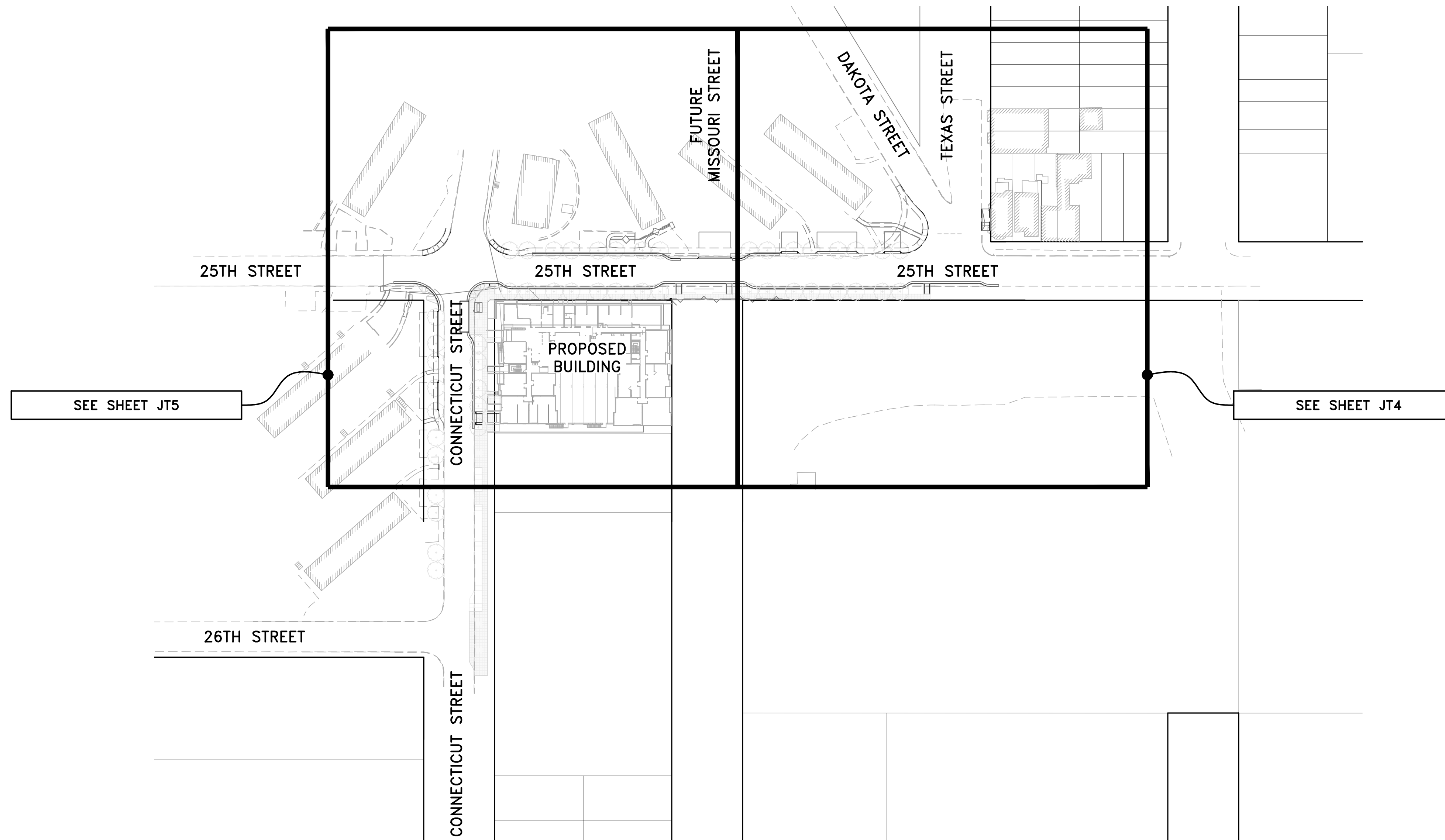
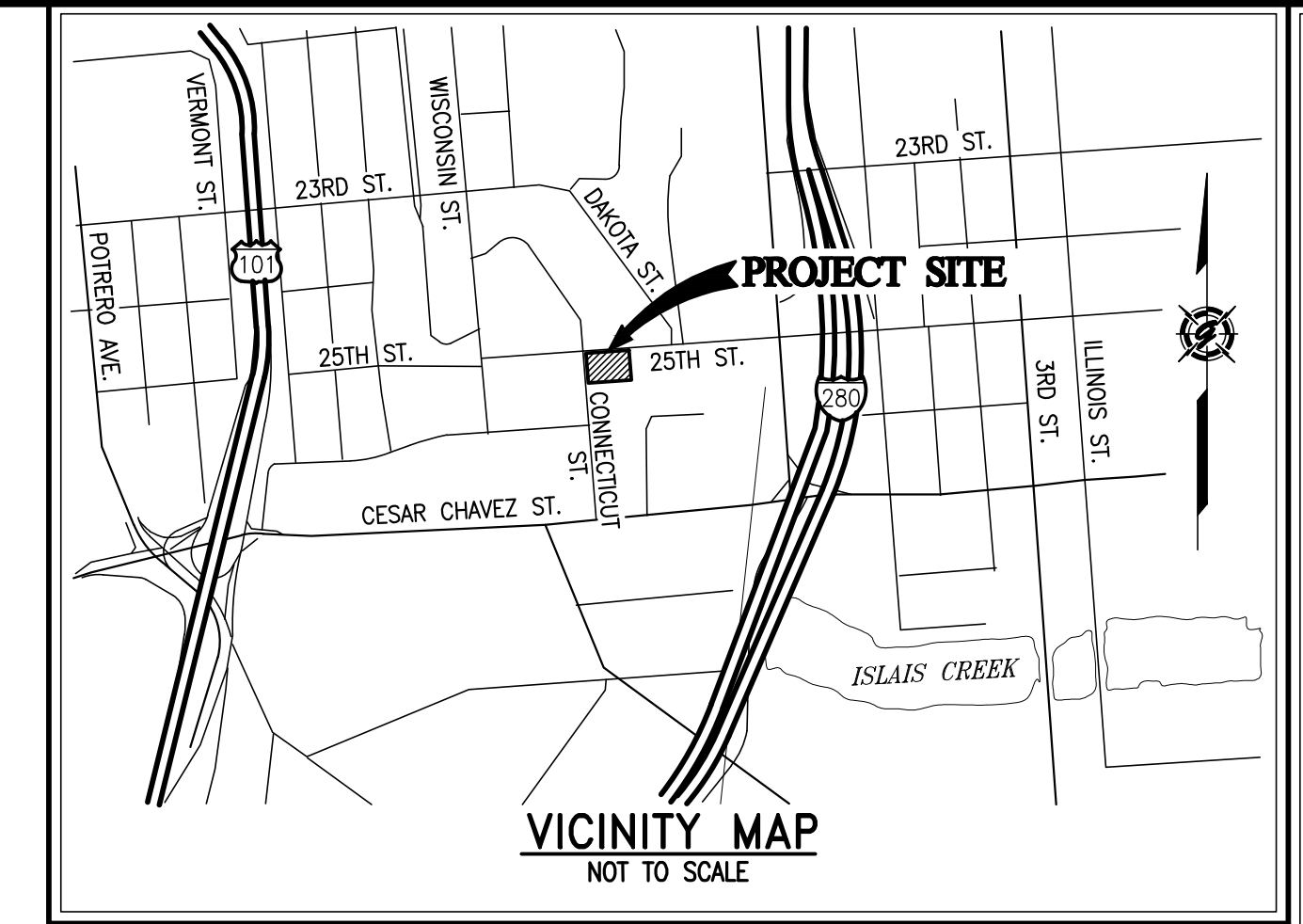
As Built Plans entitled:

Potrero Phase I Joint Trench Plans

Sheets JT-1 through JT-6

Prepared by: Giacalone Design Services

BRIDGE HOUSING POTRERO - PHASE 1 25TH STREET & CONNECTICUT STREET SAN FRANCISCO, CALIFORNIA



AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Scot Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

SYMBOL	DATE	APPROVED

GIACALONE
 DESIGN SERVICES, INC.
 5200 STONERIDGE MALL, SUITE #545 | PLEASANTON, CA 94588
 925.467.1740 | WWW.GIACALONEDSG.COM

JOINT TRENCH COMPOSITE TITLE SHEET
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
 B. FULLINGTON

DRAWN BY:
 RSG/MB

CHECKED BY:
 BDF/MB

SCALE:
 1"=80'

JOB NUMBER:
 15-198

DATE LAST MODIFIED:
 06-06-18

SHEET
 JT1

OF 6 SHEETS

PROJECT TEAM CONTACTS		
COMPANY:	CONTACT:	PHONE:
BRIDGE HOUSING	LEO LOZANO	510-628-0918
CARLILE MACY	MARK HALE	707-542-6451
VAN METER WILLIAMS POLLACK, LLC	ELITSA SHEPHERD	415-974-5352
GLS LANDSCAPE ARCHITECT	JUSTIN FRODESEN	415-285-3614
PG&E - SAN FRANCISCO	MARK JACKANICH	415-695-3681
AT&T - SAN FRANCISCO	RICHARD OW	415-694-1752
CABLECOM, LLC - SAN FRANCISCO	TIM WILSON	650-468-6115
WAVE BROADBAND	AQUILES ARANDA	415-516-5652
DTIS-PUBLIC SAFETY	MIKE DENNING	415-550-2718
GIACALONE DESIGN SERVICES, INC.	BRETT FULLINGTON	925-467-1740

PG&E PM NO.
ELECTRIC:
RULE 15: 31280182
RULE 20: 31263563
RELOC: 31304088
WRO: 31280897
GAS:
RULE 15: 31280260
RELOC: 31262253

LATEST FILES RECEIVED				
DESCRIPTION:	BY:	DATE:	STATUS:	
GAS DESIGN (R15/RELOC)	GDSI	07-11-17/08-09-17	ANS/ANS	
ELECTRIC DESIGN (R15/R20)	GDSI	01-15-18/05-07-18	A/6TH	
TELEPHONE LAYOUT	AT&T	02-08-18	INTENT REPLY	
CATV LAYOUT	CABLECOM	11-08-17	INTENT REPLY	
CATV LAYOUT	WAVE BROADBAND	11-08-17	INTENT REPLY	
STREET LIGHT PLANS - PUBLIC	GDSI	02-08-18	-	
IMPROVEMENT PLANS (ELECTRONIC FILE)	CARLILE MACY	05-15-18	-	

A=Approved • ANS=Approved Not Signed • NA=Not Approved • F=First Submittal • SS=Second Submittal

PROJECT DESCRIPTION & SCOPE
• NEW SERVICE TO (1) BUILDING CONSISTING OF (72) UNITS
• 645± LF OF O.H. TO U.G. CONVERSION ALONG 25TH STREET
• 220± LF OF O.H. TO U.G. CONVERSION ALONG CONNECTICUT STREET
• 530± OF GAS MAIN RELO. DUE TO GRADE CHANGE ON 25TH STREET
• 155± OF GAS MAIN RELO. ON CONNECTICUT STREET

SHEET INDEX	
SHEET	DESCRIPTION
JT1	JOINT TRENCH COMPOSITE TITLE SHEET
JT2-JT3	JOINT TRENCH GENERAL NOTES, SECTIONS & DETAILS
JT4-JT5	JOINT TRENCH COMPOSITE PLAN
JT6	JOINT TRENCH DETAILS
SL1-SL4	STREET LIGHTING SITE PLAN
G1-G2	PG&E GAS CONSTRUCTION DRAWINGS (R15)
G1-G3	PG&E GAS CONSTRUCTION DRAWINGS (RELOC)
E1	PG&E ELECTRIC CONSTRUCTION SKETCH (R15)
E1-E5	PG&E ELECTRIC CONSTRUCTION SKETCH (R20)

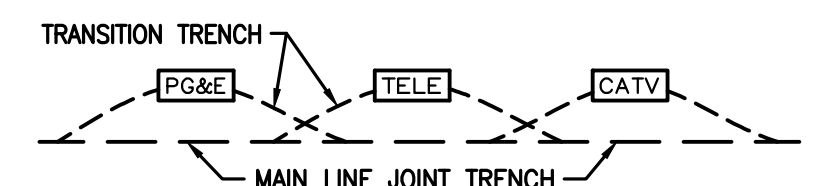
LABOR & CONSTRUCTION RESPONSIBILITY

SPURV. ELECTRIC
PG&E ELECTRIC
PG&E GAS
TELEPHONE
CATV
DTIS
FIBER
CONTRACTOR

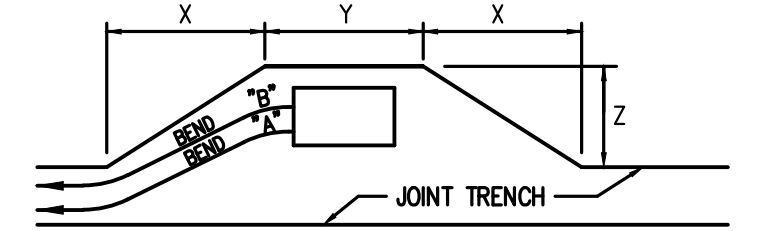
- 1. **TRENCHING:**
EXCAVATE, BACKFILL AND COMPACT
- 2. **GAS MATERIAL:**
SUPPLY
INSTALL
- 3. **ELECTRIC CABLE:**
SUPPLY
INSTALL
- 4. **ELECTRIC CONDUIT:**
SUPPLY
INSTALL
- 5. **ELECTRIC SPLICE BOXES:**
EXCAVATE
SUPPLY
INSTALL
- 6. **ELECTRIC TFM. ENCLS:**
EXCAVATE
SUPPLY
INSTALL
- 7. **ELECTRIC EQUIP. ENCLS.:**
EXCAVATE
SUPPLY
INSTALL
- 8. **ELECTRIC TRANS. PADS:**
GRADE
SUPPLY
INSTALL
- 9. **ELECTRIC SWITCH PADS:**
GRADE
SUPPLY
INSTALL
- 10. **TELE. CONDUIT: (TYPE C WHT. W/AT&T LOGO)**
SUPPLY
INSTALL
- 11. **TELEPHONE CABLE:**
SUPPLY
INSTALL
- 12. **TELEPHONE SPLICE BOXES:**
EXCAVATE
SUPPLY
INSTALL
- 13. **TELEPHONE INTER PADS:**
GRADE
SUPPLY
INSTALL
- 14. **CATV CONDUITS: (COMCAST)**
SUPPLY
INSTALL
- 15. **CATV SPLICE BOXES: (COMCAST)**
EXCAVATE
SUPPLY
INSTALL
- 16. **CATV CONDUITS (SCH. 40): (WAVE)**
SUPPLY
INSTALL
- 17. **CATV SPLICE BOXES: (WAVE)**
EXCAVATE
SUPPLY
INSTALL
- 18. **FIBER CONDUITS (SCH. 80): (DTIS)**
SUPPLY
INSTALL
- 19. **FIBER SPLICE BOXES: (DTIS)**
EXCAVATE
SUPPLY
INSTALL
- 20. **STREET LIGHTING:**
EXCAVATE
SUPPLY
INSTALL

THE ● ABOVE DESIGNATES THE WORK TO BE PERFORMED BY THE CONTRACTOR AND EACH UTILITY COMPANY.

JOINT TRENCH TRANSITION



- CONTRACTOR TO EXCAVATE TRANSITIONS FROM MAIN-LINE TRENCH TO VAULTS AS REQUIRED BY EACH UTILITY.
- TRANSITIONS NOT SHOWN ON COMPOSITE DRAWING FOR CLARITY.
- CONTRACTOR TO INCLUDE COST OF TRANSITIONS IN VAULT EXCAVATION COST.

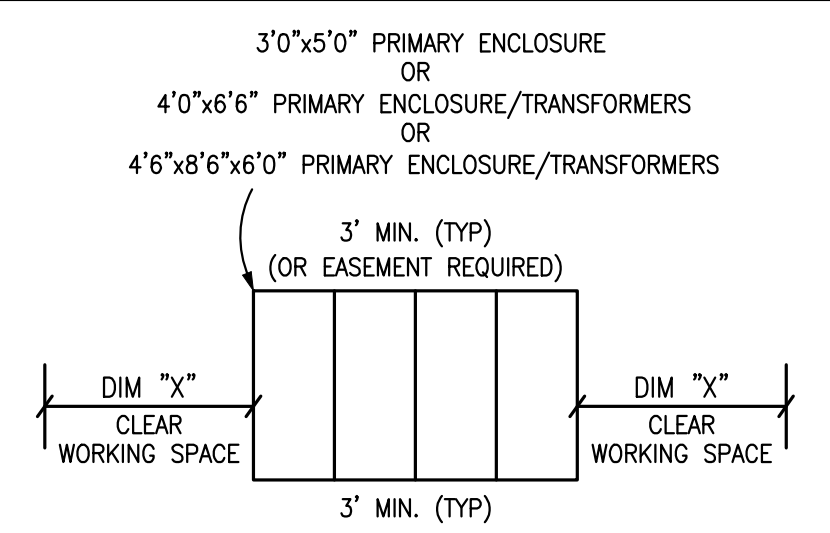


PRIMARY BOX SIZE	DISTANCE	WHEN CONDUIT ENTERS BOX @ "A"		
		"X"	"Y"	"Z"
3'x5'	24'	7'	5'	
4'6"x8'6"	24'	11'	7'	

PRIMARY BOX SIZE	DISTANCE	WHEN CONDUIT ENTERS BOX @ "B"		
		"X"	"Y"	"Z"
3'x5'	32'	7'	5'	
4'6"x8'6"	32'	11'	7'	

TYPICAL PRIMARY BOX EXCAVATION USING A CONDUIT SYSTEM
NOT TO SCALE

PG&E PRIMARY ENCLOSURE CLEARANCES



DIM "X"
3' MIN. 3'0"x5'0" ENCLOSURES
4' MIN. 4'0"x6'6" ENCLOSURES
5' MIN. 4'6"x8'6"x6'0" ENCLOSURES
NOT TO SCALE

APPLICANT TO WATERPROOF ALL TRANSFORMER ENCLOSURES AND SEAL ELECTRIC CONDUITS ENTERING ENCLOSURE PER PG&E STANDARDS 072149 & 062288

JOINT TRENCH CONTRACTORS NOTES

- THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL INSTALLATIONS INSPECTED AND APPROVED BY THE RESPECTIVE UTILITY COMPANY, MUNICIPALITY, OR SOILS ENGINEER PRIOR TO ANY BACK FILLING. (48 HOUR NOTICE)
- CONTRACTOR WILL COMPLY WITH ALL LAWS, ORDINANCES AND REGULATIONS. CONTRACTOR SHALL BE FAMILIAR WITH O.S.H.A. INDUSTRIAL ORDERS AND SHALL CONDUCT HIS WORK ACCORDINGLY. WHEN WORKING AROUND ENERGIZED EQUIPMENT, THE UTILITY OWNER SHALL BE NOTIFIED TO SUPPLY THE APPROPRIATE MAN POWER AND SAFETY PRECAUTIONS AS NEEDED THE CONTRACTOR IS RESPONSIBLE FOR PUBLIC SAFETY AND TRAFFIC CONTROL MEASURES.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POINTS OF ACCESS THAT ARE AGREEABLE TO ADJACENT LAND USES AND TENANTS AT ALL TIMES.
- THE CONTRACTOR TO BE AWARE THAT THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE BASED UPON RECORD DATA MADE AVAILABLE BY PG&E, TELEPHONE, CATV, IMPROVEMENT PLANS AND CITY RECORDS. GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE INFORMATION SHOWN. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE PRECISE LOCATION OF ALL UNDERGROUND FACILITIES. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) (811) AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF CONSTRUCTION WITH THE RESPECTIVE UTILITY AGENCIES, ALLOWING 48 HOURS PRIOR TO THE NEED FOR INSTALLATIONS.
- THE CONTRACTOR SHALL NOTIFY DEVELOPER 48 HOURS PRIOR TO THE NEED FOR SURVEY STAKING. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF ALL CONSTRUCTION STAKING SET BY THE DEVELOPERS SURVEYORS AND WILL BE BACK CHARGED FOR ANY RE-STAKING THAT IS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE TO PROTECT IN PLACE ALL EXISTING FACILITIES. EXCAVATION MAY BE REQUIRED OVER, UNDER OR ADJACENT TO EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO LOCATE, EXPOSE AND PROTECT ALL EXISTING FACILITIES. THE CONTRACTOR IS RESPONSIBLE TO BID THE WORK BASED ON THE REVIEW OF THE IMPROVEMENT PLANS IN CONJUNCTION WITH THESE PLANS.
- IT'S THE CONTRACTOR/DEVELOPER RESPONSIBILITY TO MAKE SURE THAT THE MOST CURRENT SET OF PLANS ARE BEING USED. CALL GIACALONE DESIGN SERVICES, INC. (925) 467-1740 TO VERIFY.
- THE CONTRACTOR SHALL COORDINATE ALL TIE-INS WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE TIE-IN HOLE TO 12" BELOW EXISTING GAS MAIN FOR PG&E GAS TIE-IN(S) UNLESS OTHERWISE NOTED ON PLANS.
- JOINT TRENCH FACILITIES SHALL MAINTAIN A MINIMUM OF 3' HORIZONTAL CLEARANCE FROM EDGE OF JOINT TRENCH TO EDGE OF "WET" UTILITIES WITH A MINIMUM 6" VERTICAL CLEARANCE WHEN CROSSING (U.O.N). THE CONTRACTOR SHALL REFER TO PG&E UO STANDARD S5453 FOR ADDITIONAL INFORMATION.
- TRANSITION TRENCH FOR VAULTS/PEDESTALS NOT SHOWN FOR CLARITY. THE CONTRACTOR SHALL PROVIDE INCIDENTAL TRENCHING AS REQUIRED FOR CONDUIT/CABLE ROUTING INTO VAULTS/PEDESTALS. CONTRACTOR SHALL INCLUDE COST OF TRANSITION TRENCH IN VAULT/PEDESTAL EXCAVATION COST.
- THE CONTRACTOR SHALL OFFSET VAULTS/PEDESTALS AS REQUIRED FOR CONDUIT/CABLE ROUTING.
- THE CONTRACTOR SHALL FIELD ADJUST VAULTS/PEDESTALS AS REQUIRED TO AVOID CONFLICTS WITH DRIVEWAYS, SIDEWALKS, HANDICAP RAMPS, FIRE HYDRANTS, WATER & SEWER LATERALS, ETC.
- SERVICE LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THEIR EXACT LOCATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL FIELD ADJUST SERVICE STUB AND CROSSING LOCATIONS AS REQUIRED TO AVOID CONFLICTS WITH OTHER FACILITIES.
- SERVICE COMPLETION TRENCHES SHALL BE INSTALLED AFTER CURB AND GUTTER, UNLESS DIRECTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE ADDITIONAL MOVE-INS AS NECESSARY TO COMPLETE THE SERVICES TO EACH INDIVIDUAL UNIT WITH THE DEVELOPER, UTILITY COMPANIES & ALL INVOLVED AGENCIES. THE COST OF THESE MOVE-INS SHALL BE INCLUDED IN THE CONTRACTORS UNIT BID PRICE FOR TRENCHING.
- EDGE OF SPLICE BOXES & PEDESTALS SHALL BE 5' FROM EDGE OF F.H. AND 3' FROM STREET LIGHT (TYP.) CONTRACTOR TO AVOID DISTURBING F.H. THRUST BLOCK.
- THE CONTRACTOR SHALL PERFORM ALL TRENCHING, EXCAVATING, BACKFILLING, INSTALLATION AND ALL OTHER WORK AS SHOWN OR NOTED ON THESE PLANS & SPECIFICATIONS.
- ALL TRENCHES, BOXES AND CONDUIT LAYOUTS IN THIS PLAN SET ARE SHOWN SCHEMATICALLY. THE CONTRACTOR SHALL INSTALL ALL UTILITY VAULTS, PADS, CONDUITS, ETC. IN PROPER RELATION TO FINAL GRADE. VERIFY ALL SUBSTRUCTURE EXCAVATION DIMENSIONS WITH SUPPLIERS PRIOR TO EXCAVATING.
- ALL JOINT TRENCH CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD PRACTICES AND SPECIFICATIONS OF EACH PARTICIPATING UTILITY COMPANY AND CONFORM TO THE CURRENTLY ADOPTED EDITIONS OF THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OR COUNTY INVOLVED.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING WORK.
- THE BOTTOM OF ALL TRENCHES SHALL BE CLEARED OF ROCKS AND ALL OTHER HARD SURFACE MATERIAL. A SAND BEDDING OF AT LEAST 2" (TWO INCHES) SHALL BE PROVIDED ON WHICH THE UTILITIES WILL BE PLACED. (MAY NOT BE REQUIRED IN NATIVE SAND AREAS, CONSULT WITH LOCAL AGENCIES).
- THE CONTRACTOR SHALL NOTIFY GIACALONE DESIGN SERVICES, INC. OF ANY DIFFERENCES IN THE ACTUAL LOCATION OF EXISTING FACILITIES FROM THAT SHOWN IN THESE PLANS, OR ANY OTHER CONFLICTS WITH THE DESIGN, PRIOR TO CONTINUING WORK IN THAT AREA. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT FIRST NOTIFYING GIACALONE DESIGN SERVICES, INC.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR ANY DIFFERENCES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PRIOR TO SUBMITTING BID.
- THE CONTRACTOR SHALL COORDINATE ALL CONNECTIONS BETWEEN EXISTING AND PROPOSED FACILITIES WITH THE RESPECTIVE UTILITY INSPECTOR. ALL EXISTING CONDUIT TO BE USED SHALL BE MANHOLE TESTED AND PROVED PRIOR TO MAKING CONNECTION AS DIRECTED BY THE GOVERNING INSPECTOR. UTILITY COMPANIES SHALL MAKE ALL "HOT" TIE-INS AND CONNECTIONS. THE CONTRACTOR SHALL NOT ENTER OR WORK ON ANY ENERGIZED FACILITIES UNLESS DIRECTED BY THE UTILITY INSPECTOR. THIS COST SHALL BE INCLUDED IN CONTRACTOR BID.
- THE CONTRACTOR IS REQUIRED TO EXCAVATE "BELL HOLES" AT THE TIE-IN LOCATIONS AS REQUIRED BY THE UTILITY COMPANIES.
- TRENCHING AND/OR SUBSTRUCTURE EXCAVATIONS MAY TAKE PLACE OVER, UNDER, OR ADJACENT TO OTHER UNDERGROUND FACILITIES (STORM, SEWER, WATER, ETC.). THE CONTRACTOR IS RESPONSIBLE TO LOCATE, EXPOSE AND PROTECT IN PLACE ALL EXISTING FACILITIES. THIS WORK SHALL NOT BE CONSIDERED AS EXTRA WORK. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW ALL IMPROVEMENT AND GRADING PLANS, IN CONJUNCTION WITH THESE PLANS, AND BID HIS WORK ACCORDINGLY.
- THE RESPECTIVE UTILITY INSPECTOR WILL DETERMINE IN THE FIELD IF RETAINING WALLS WILL BE NEEDED TO MEET THE MINIMUM CLEARANCE REQUIREMENTS. REFER TO THE PG&E "GREEN BOOK" STANDARD DRAWING 051122 FOR APPROVED RETAINING WALL REQUIREMENTS. RETAINING WALLS ARE THE DEVELOPERS RESPONSIBILITY AND ARE NOT INCLUDED IN THIS CONTRACT.
- THE CONTRACTOR SHALL "RED-LINE" (1) ONE SET OF THE JOINT TRENCH COMPOSITE PLANS AND (2) TWO SETS OF THE GAS AND ELECTRIC PLANS WITH "AS-BUILT" INFORMATION AND GIVE TO THE DEVELOPER PRIOR TO SPLICING OF THE PRIMARY ELECTRIC SYSTEM.
- CONTRACTOR TO VERIFY RIGHT OF WAY, PUBLIC UTILITY EASEMENT AND/OR PUBLIC SERVICE EASEMENT ACQUISITION WITH THE APPLICANT PRIOR TO CONSTRUCTION WITHIN AREAS OF QUESTION.
- SUBSTRUCTURES MUST HAVE 12" MINIMUM CLEARANCE FROM JOINT TRENCH.

GENERAL NOTES

- PG&E'S UO STANDARD S5453 TO BE UTILIZED FOR ALL TRENCHING, BACK-FILLING, AND INSTALLATION WORK.
- SHOULD A DISPUTE OR DISAGREEMENT OVER ANY INSTALLATION, DESIGN, PLAN, OR DRAWING OCCUR THE SPECIFICATIONS AND REQUIREMENTS OF THE INDIVIDUAL UTILITY COMPANY AND THEIR INSPECTOR SHALL TAKE PRECEDENCE.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE QUALITY, QUANTITY OR TIMING OF WORK BY CONTRACTOR, UTILITY COMPANY CONSTRUCTION CREWS OR OTHER SUBCONTRACTORS TO THE DEVELOPER.
- THE DRAWINGS AND SPECIFICATIONS SHALL BE CONSIDERED TO BE COMPLEMENTARY TO ONE ANOTHER. ANYTHING MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS SHALL BE CONSIDERED OF LIKE EFFECT AS IF APPEARING IN BOTH. CONTACT GIACALONE DESIGN SERVICES, INC. PRIOR TO START OF WORK OR SUBMITTAL OF BID IF A DISCREPANCY IS FOUND.
- CONSULT PARTICIPATING UTILITIES, SOILS ENGINEER, AND THE CITY FOR APPROVED BACK FILL MATERIAL. COMPACTION TO MEET LOCAL AGENCIES REQUIREMENTS.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE PROJECT CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE PROJECT AND SITE PRIOR TO SUBMITTING HIS BID.
- ALL LENGTHS SHOWN ON THESE PLANS ARE ESTIMATES. FINAL QUANTITIES SHALL BE BASED ON WHAT WILL BE NEEDED TO COMPLETE THIS PROJECT. DUE TO CHANGES, ADDITIONS, DELETIONS OR OMISSIONS FINAL QUANTITIES MAY VARY.
- SHOULD A CONFLICT ARISE BETWEEN FACILITIES SHOWN ON THESE PLANS AND IMPROVEMENT PLANS FOR THIS PROJECT, THE IMPROVEMENT PLANS SHALL TAKE PRECEDENCE. CONTACT GIACALONE DESIGN SERVICES, INC. (925) 467-1740 IF A PROBLEM SHOULD OCCUR.
- ALL TRANSFORMERS AND TRANSFORMER PADS ARE TO BE INSTALLED PER PG&E SPECIFICATIONS. PROTECTIVE BOLLARDS ARE TO BE PLACED WHERE NEEDED AS DIRECTED BY UTILITY INSPECTOR.
- THE MINIMUM TRENCH WIDTHS AND DEPTHS SHOWN ARE BASED ON THE MINIMUM UTILITY COMPANY REQUIREMENTS FOR WIDTH, DEPTH AND SEPARATIONS. THE CONTRACTOR SHALL EXCAVATE FOR ADDITIONAL WIDTH OR DEPTH WHERE THE PROPOSED JOINT TRENCH FACILITIES APPROACH AND CROSS OTHER EXISTING UTILITY LINES (STORM DRAIN, SEWER, WATER, ETC.) TO ADEQUATELY CLEAR THESE FACILITIES. THE JOINT TRENCH FACILITIES MAY BE PLACED EITHER BELOW OR ABOVE THE EXISTING UTILITY LINES WITH AT LEAST 6" FREE CLEARANCE BETWEEN THE EXISTING UTILITY LINES BEING CROSSED, OR SUCH GREATER MINIMUM DISTANCE AS MAY BE REQUIRED BY THE LOCAL GOVERNMENTAL AGENCY OR OTHER PUBLIC REGULATORY AGENCY. (SEE MINIMUM COVER AND CLEARANCE TABLE)
- TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY. THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.
- RESPECTIVE UTILITY TO OBTAIN CITY OR COUNTY APPROVAL OF ALL ABOVE GROUND EQUIPMENT.
- ALL BOXES TO BE INSTALLED WITHIN THE R/W AND/OR PUE AREA.
- ANY QUESTIONS OR UNCERTAINTIES REGARDING REMOVAL AND/OR REPLACEMENT OF EXISTING HARDSCAPE OR LANDSCAPE SHALL BE COORDINATED WITH THE DEVELOPER AND/OR OTHER PARTIES/AGENCIES INVOLVED.
- A 3 FOOT CLEAR & LEVEL WORKING AREA MUST BE MAINTAINED AROUND ALL ELECTRIC ENCLOSURES, EXCEPT 4'-6"x8'-6" VAULTS WHICH SHALL MAINTAIN A 5 FOOT MINIMUM CLEAR & LEVEL WORKING AREA ON THE SHORT SIDES AND 3 FOOT ON THE LONG WALL SIDES; PAD MOUNT EQUIPMENT SHALL MAINTAIN AN 8 FOOT CLEAR & LEVEL WORKING AREA IN FRONT OF EQUIPMENT DOORS AND 3 FOOT CLEAR ON SIDES & BACK, UNLESS DIRECTED OTHERWISE BY INSPECTOR. REFER TO THE PG&E "GREEN BOOK" STANDARD DRAWING 051122 FOR ADDITIONAL CLEARANCE PROTECTION REQUIREMENTS.

REVISIONS	DESCRIPTION	DATE

GIACALONE
DESIGN SERVICES, INC.
5200 STONERIDGE MALL, SUITE 110, PLEASANTON, CA 94588
925-467-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH GENERAL NOTES & DETAILS
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

DESIGN CHANGE COMPONENT
ANY CHANGES TO THIS DESIGN MUST BE APPROVED BY
LINH LY (415) 695-3591
PG&E Gas ADE

DEVELOPER
PLEASE NOTE AND SIGN
ALL PG&E ENCLOSURES AND BOXES HAVE BEEN SET TO GRADE ACCORDING TO GRADE STAKES PROVIDED BY DEVELOPERS ENGINEER. ALL COSTS TO RELOCATE OR RE-ADJUST BOXES AT A LATER DATE WILL BE BILLED TO THE DEVELOPER. PLEASE HAVE YOUR SUPERINTENDENT VERIFY THE CORRECT GRADE OF ALL ENCLOSURES AND BOXES AND SIGN AND DATE DRAWING.
THANK YOU
SIGNED: _____
DATE: _____

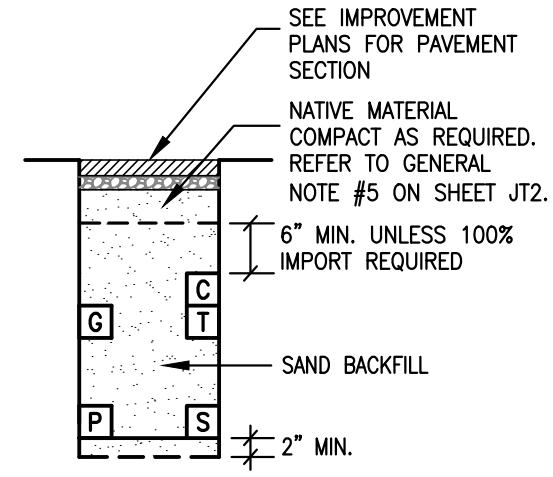
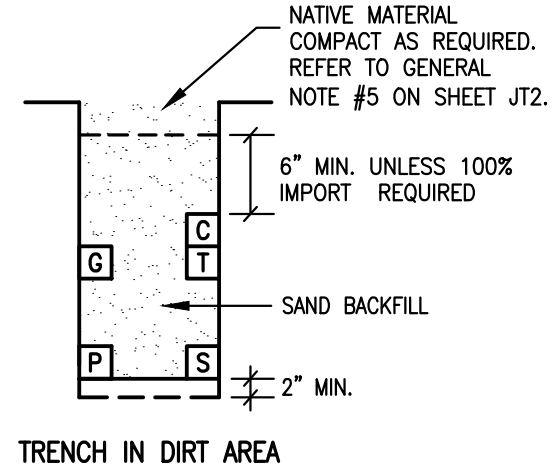
AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.
SIGNATURE *David Scot Crowfoot* 10-15-19
DAVID SCOT CROWFOOT DATE
NAME RCE# E11985
EXP. DATE 09/30/21

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
811
CALL BEFORE YOU DIG

PROJECT MANAGER:
B. FULLINGTON
DRAWN BY:
RSG/MB
CHECKED BY:
BDF/MB
SCALE:
NONE
JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT2
OF 6 SHEETS

MINIMUM COVER & CLEARANCE CHART

UTILITY	G	T	C	S	P	SF	PUB SL	F	MINIMUM COVER
G (GAS) SEE NOTE 3 & 4	12"	12"	6"	12"	12"	12"	12"	24"	30" IN STREET
T (TELEPHONE)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
C (CABLE T.V.)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
S (PG&E SECONDARY)	6"	12"	12"	1.5"	3"	3"	12"	24"	30" IN STREET
P (PG&E PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
SF (SFUC PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
*SL (PUBLIC-STREET LIGHT)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
F (CITY-FIBER OPTIC)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET



NOTE:

- TRENCH COVER & CLEARANCES SHOWN ARE MINIMUMS ONLY AND MAY REQUIRE ALTERATIONS TO SUIT FIELD CONDITIONS.
- IT IS RECOMMENDED THAT ALL FACILITIES ARE TO BE A MINIMUM OF 12" BELOW SUBBASE DISTURBANCE.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED, SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE, CATV & FIBER OPTIC).
- WHERE 6" GAS MAIN IS IN JOINT TRENCH 12" MINIMUM SEPARATION FROM GAS MAIN TO ALL UTILITIES WILL BE REQUIRED.
- 3" MINIMUM BETWEEN 600A (6") MAINLINE PRIMARY ELECTRIC DUCTS.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, ST. LT. SEPARATION MAY BE REDUCED TO 0" BETWEEN ST. LT. AND COMMUNICATION DUCTS (TELEPHONE, CATV, & FIBER OPTIC).

TRENCH SECTION LEGEND

- MEETS UTILITY TRENCH ALLOTMENT
- EXCEEDS UTILITY TRENCH ALLOTMENT
- SFUC PRIMARY
- PG&E PRIMARY
- PG&E SECONDARY
- PG&E GAS
- TELEPHONE
- CABLE T.V. (CABLECOM)
- CABLE T.V. (WAVE BROADBAND)
- FIBER OPTIC (DTIS-PUBLIC SAFETY)
- STREET LIGHTING

XX LF-TOTAL = TOTAL TRENCH LENGTH
 XX LF-R&R = REMOVE & REPLACE PAVEMENT ONLY, TRENCH INCLUDED IN TOTAL TRENCH LENGTH

JOINT TRENCH OCCUPANCY GUIDE

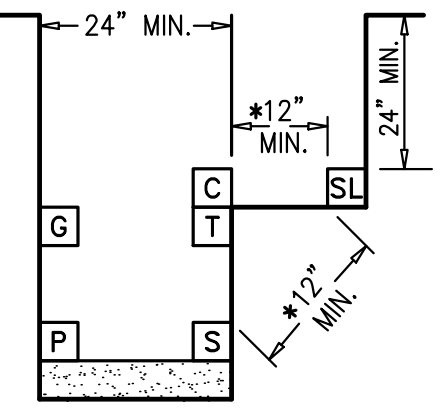
SECTION	G	T	C	S	P	OTHER
*A	X	X	X	X	X	
*B	X	X	X	X	X	
*C	X	X	X	X	X	
*D	X	X	X	X	X	
*E	X	X	X	X	X	
*F	X	X	X	X	X	
*G			X	X	X	
*H			X	X	X	
I	X	X	X	X	X	
J	X	X	X	X	X	
K	X	X	X	X	X	
L	X	X	X	X	X	
M	X	X	X	X	X	
N	X	X	X	X	X	
O	X	X	X	X	X	
P	X	X	X	X	X	
Q	X	X	X	X	X	
R	X	X	X	X	X	
S	X	X	X	X	X	
T	X	X	X	X	X	
U	X	X	X	X	X	
V	X	X	X	X	X	
W	X	X	X	X	X	

*THESE SECTIONS MAY OR MAY NOT CONTAIN SECONDARY

GENERAL TRENCH SECTION NOTES

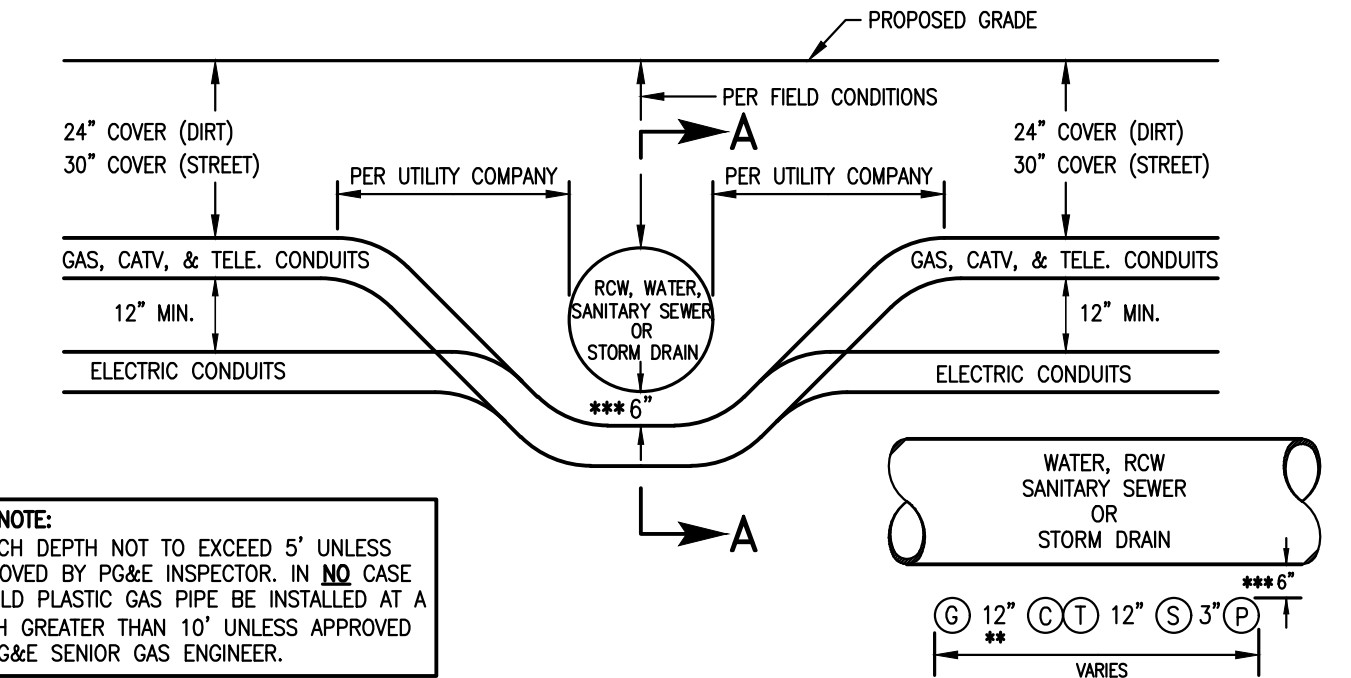
- TRENCH CONFIGURATIONS SHOWN ARE FOR INSTALLATIONS WHERE EACH OCCUPANT IS UTILIZING HIS ENTIRE SPACE ALLOCATION. OTHER CONFIGURATIONS, OR REDUCED DIMENSIONS, MAY BE USED PROVIDED THAT MINIMUM COVER AND CLEARANCES ARE MAINTAINED.
- CONTRACTOR TO ADJUST TRENCH DEPTHS AT ALL JOINT TRENCH LATERAL CROSSINGS TO MAINTAIN REQUIRED CLEARANCES BETWEEN ALL PARTICIPATING UTILITIES.
- TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY, THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.

TYPICAL STEP TRENCH W/ST. LT. J.T. CONTRACTOR OPTION



*NOTE: (REFER TO PG&E UO STANDARD S5453) NOT TO SCALE

DRY UTILITY CROSSING DETAILS

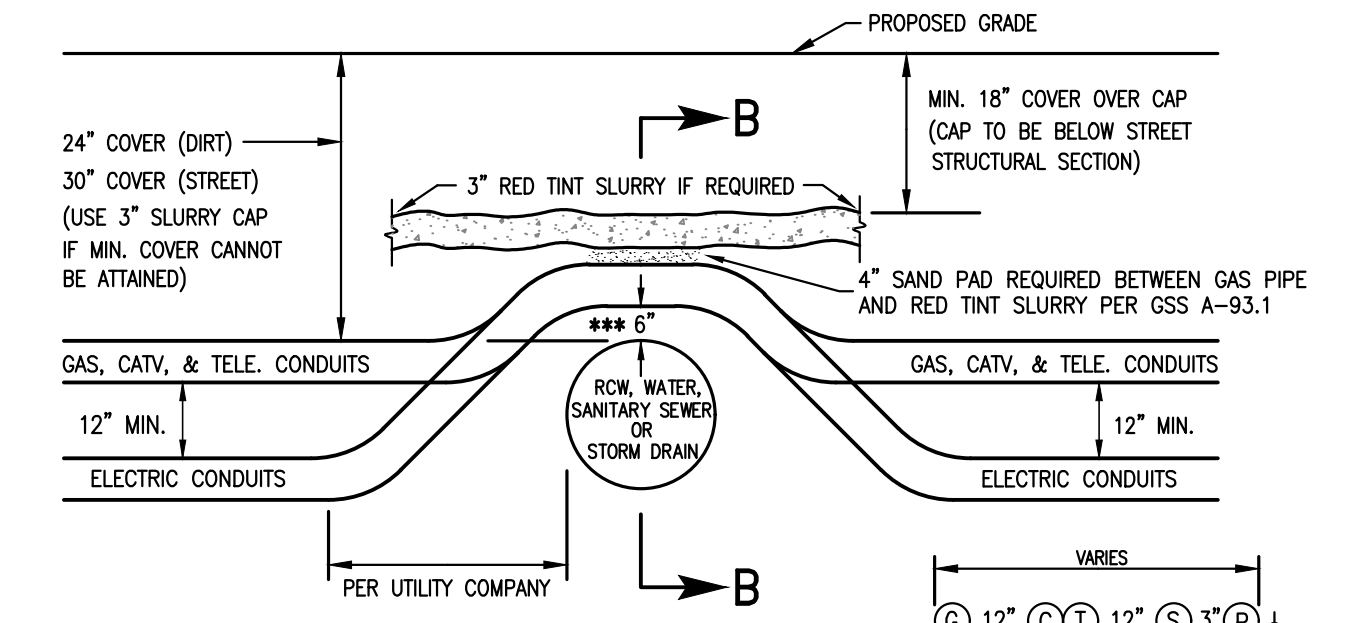


GAS NOTE: TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTORS. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

SECTION A-A

NOT TO SCALE

JOINT TRENCH UNDER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN



GAS NOTE: TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTORS. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

SECTION B-B

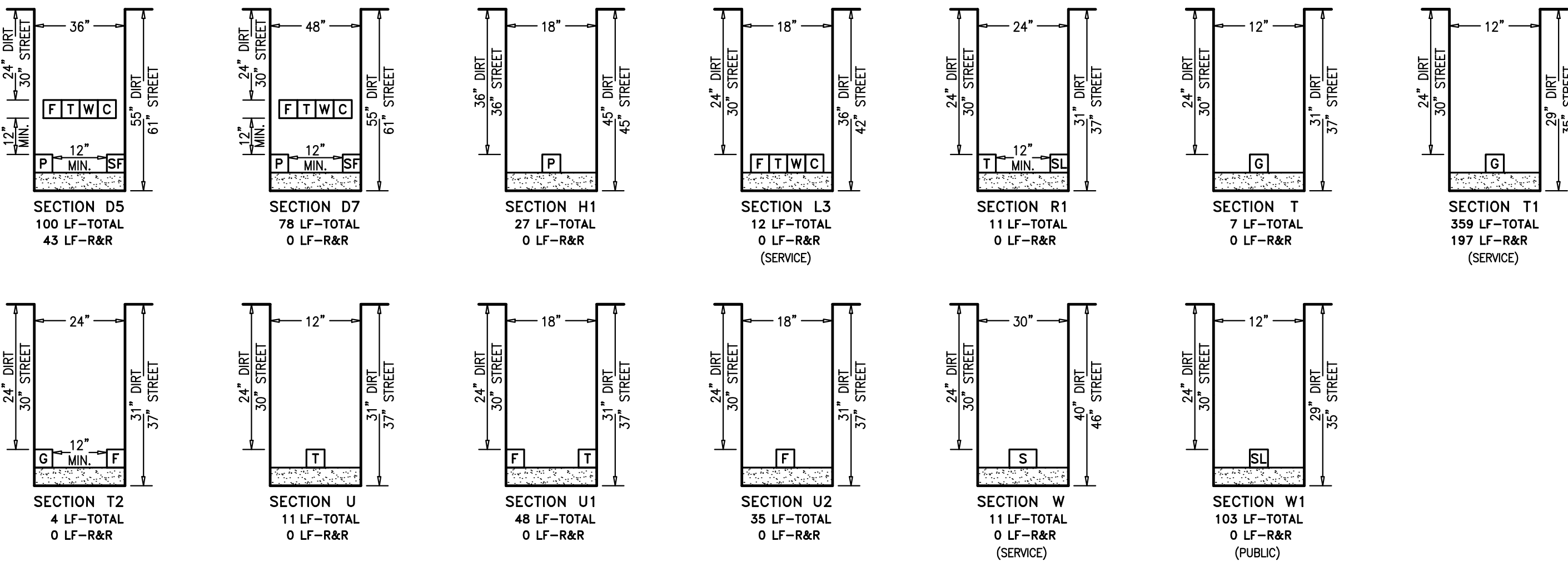
NOT TO SCALE

JOINT TRENCH OVER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN

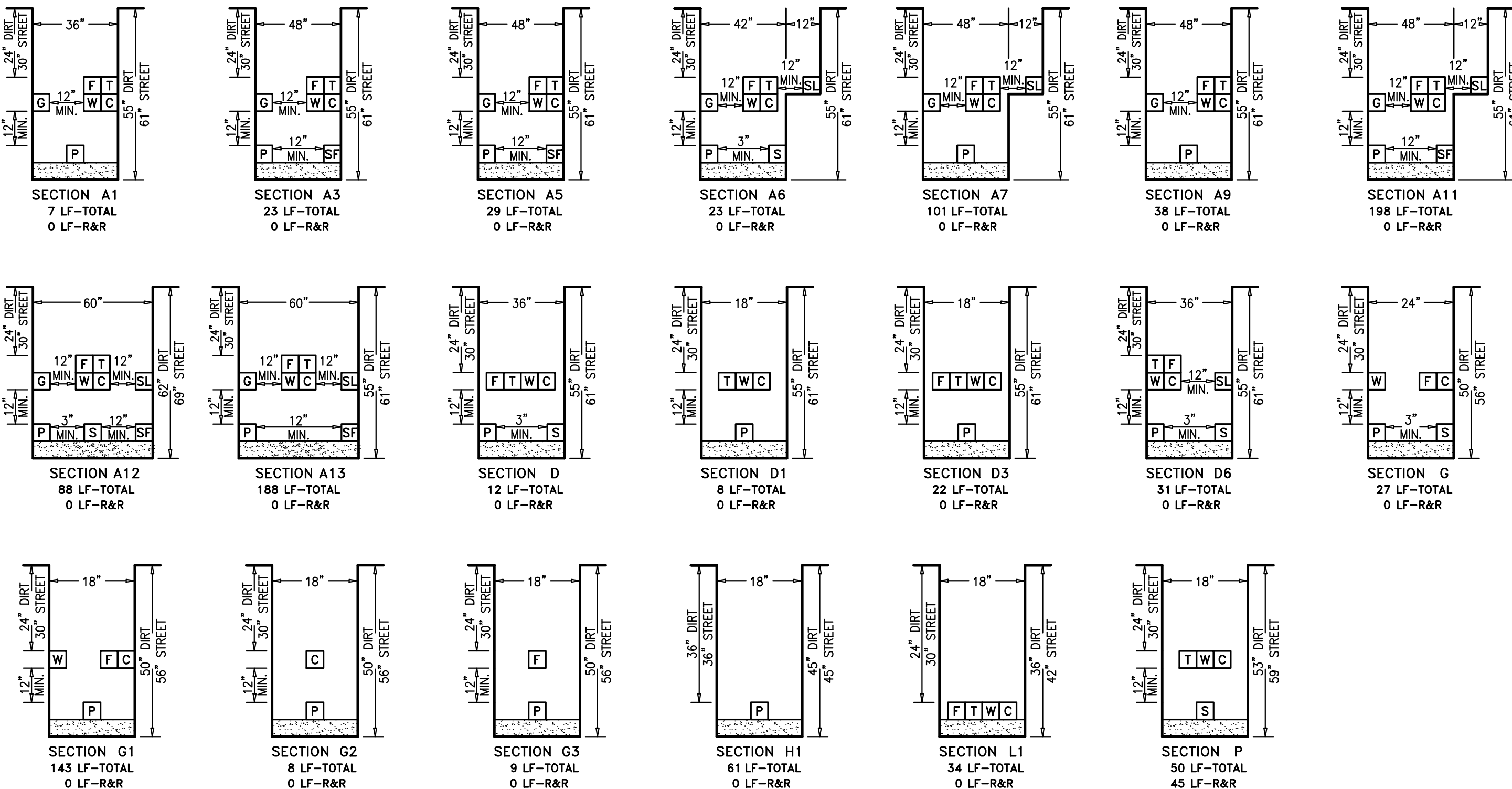
NOTE:

- SEE MINIMUM COVER & CLEARANCE CHART.
- WITH MUTUAL AGREEMENT, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE & CATV).
- 6" MINIMUM REQUIRED BY PG&E-ADDITIONAL CLEARANCE MAYBE REQUIRED BY CITY OR COUNTY. BED THE BOTTOM OF THE TRENCH WITH IMPORTED SAND, INSTALL THE CONDUIT AND/OR GAS PIPE, COVER THE FACILITY WITH THE SAME IMPORTED SAND AND MECHANICALLY COMPACT USING A VIBRATORY TYPE COMPACTOR.
- CROSSING METHODS ARE NOT LIMITED TO THE ABOVE DETAILS. OTHER APPROVED CONFIGURATIONS MAY BE USED. CONTRACTOR TO VERIFY METHOD OF CROSSING WITH GOVERNING AGENCY AND/OR UTILITY COMPANIES AS REQUIRED PRIOR TO CONSTRUCTION.
- JOINT TRENCH CONTRACTOR SHALL NOT ASSUME THAT ANY OF THE METHODS ABOVE WILL BE ACCEPTABLE TO PG&E & THE UTILITIES. J.T. CONTRACTOR IS REQUIRED TO COORDINATE THE LOCAL INSPECTORS PRIOR TO INSTALLING DRY UTILITIES ACROSS WATER, RECYCLED WATER, SANITARY SEWER, STORM DRAIN OR ANY OTHER FACILITY WITH ANY ISSUE RELATING TO COVERS LESS THAN THE MINIMUM OR COVERS REQUIRING SHOWING. CONCRETE CAPPING IS ONLY ACCEPTABLE WHERE NO OTHER SOLUTION IS POSSIBLE AND ONLY WHEN CERTAIN CRITERIA ARE MET AND ONLY WITH PG&E APPROVAL.

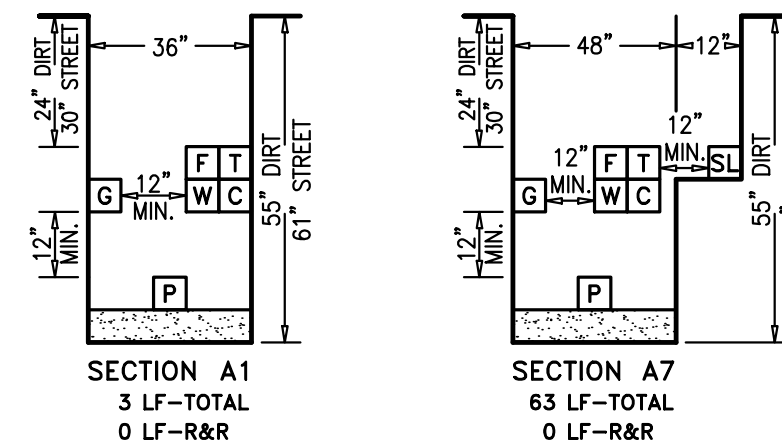
RULE 15/16 TRENCH SECTIONS



RULE 20 TRENCH SECTIONS



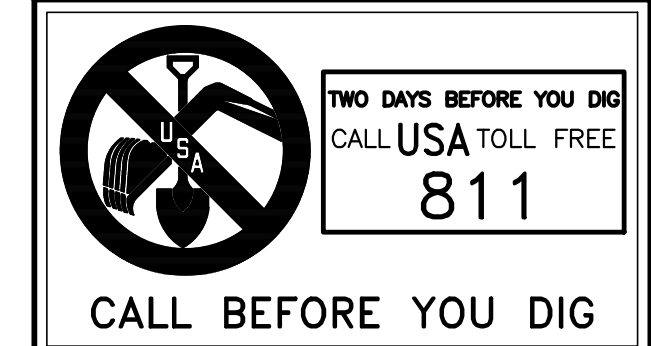
RULE 15/16 & RULE 20 TRENCH SECTIONS



AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21



REVISIONS	DESCRIPTION	DATE

GIACALONE
 DESIGN SERVICES, INC.
 5520 STONERIDGE MALL RD., #545 | REDLANDS, CA 94068
 925-467-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH SECTIONS & DETAILS
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON

DRAWN BY:
RSG/MB

CHECKED BY:
BOF/MB

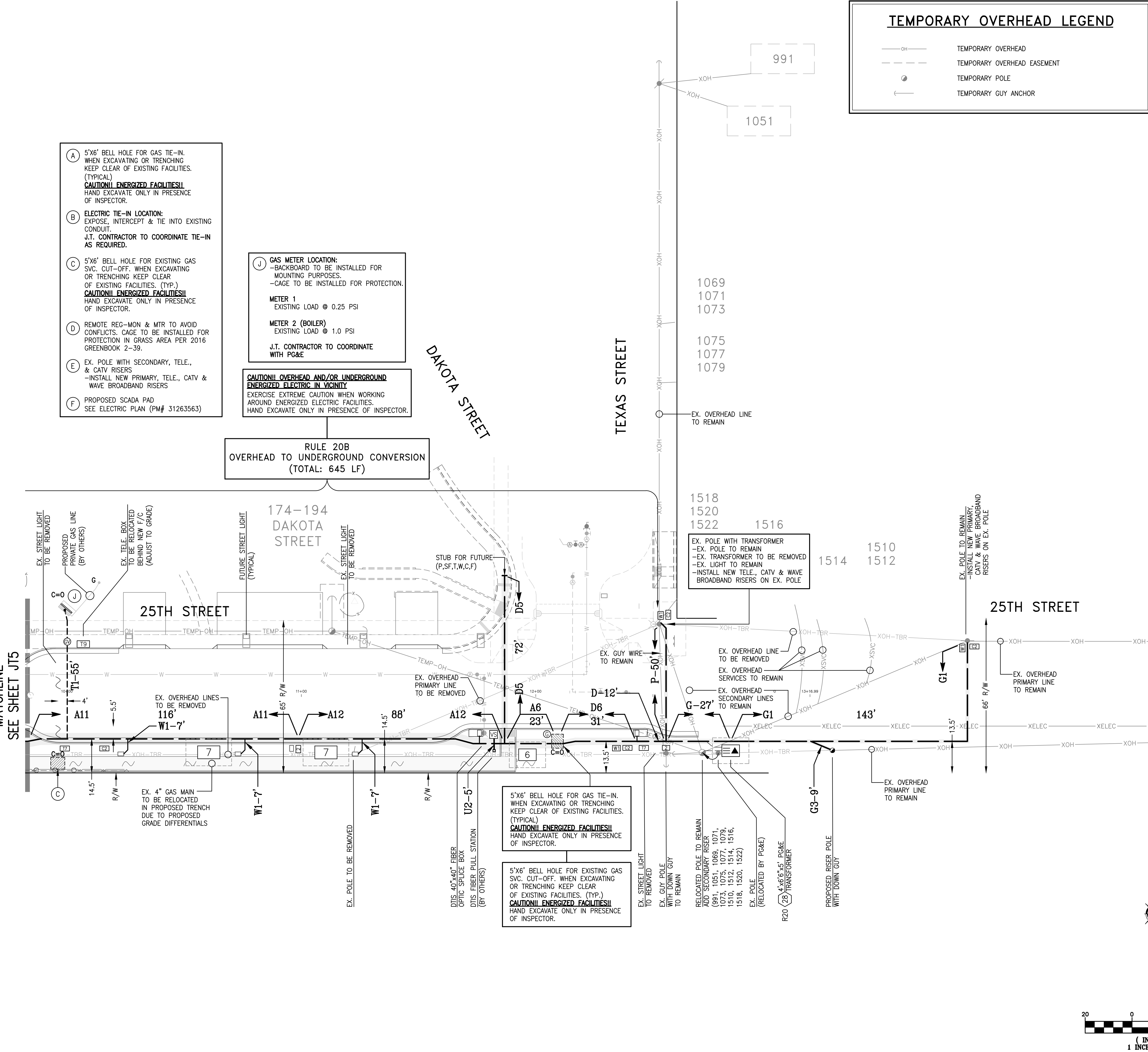
SCALE:
NONE

JOB NUMBER:
15-198

DATE LAST MODIFIED:
06-06-18

SHEET
JT3

OF 6 SHEETS



(A) 5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES!
 HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(B) ELECTRIC TIE-IN LOCATION: EXPOSE, INTERCEPT & TIE INTO EXISTING CONDUIT.
 J.T. CONTRACTOR TO COORDINATE TIE-IN AS REQUIRED.

(C) 5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES!
 HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(D) REMOTE REG-MON & MTR TO AVOID CONFLICTS. CAGE TO BE INSTALLED FOR PROTECTION IN GRASS AREA PER 2016 GREENBOOK 2-39.

(E) EX. POLE WITH SECONDARY, TELE., & CATV RISERS
 -INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS

(F) PROPOSED SCADA PAD
 SEE ELECTRIC PLAN (PM# 31263563)

(J) GAS METER LOCATION:
 -BACKBOARD TO BE INSTALLED FOR MOUNTING PURPOSES.
 -CAGE TO BE INSTALLED FOR PROTECTION.

METER 1
 EXISTING LOAD @ 0.25 PSI

METER 2 (BOILER)
 EXISTING LOAD @ 1.0 PSI

J.T. CONTRACTOR TO COORDINATE WITH PG&E

CAUTION! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
 EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES.
 HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

RULE 20B
OVERHEAD TO UNDERGROUND CONVERSION
 (TOTAL: 645 LF)

REVISIONS

SYMBOL	DATE	DESCRIPTION

GIACALONE
 DESIGN SERVICES, INC.
 5200 STONERIDGE MALL RD., #545 | PLEASANTON, CA 94588
 925-797-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH COMPOSITE PLAN
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

1072-1090
CONNECTICUT STREET

CONNECTICUT STREET

(H) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1 (STOVE)
EXISTING LOAD @ 1.0 PSI
METER 2 (APPLIANCE)
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

(I) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1
EXISTING LOAD @ 0.25 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 645 LF)

TEMPORARY OVERHEAD LEGEND

- OH — TEMPORARY OVERHEAD
- - - - TEMPORARY OVERHEAD EASEMENT
- TEMPORARY POLE
- ← TEMPORARY GUY ANCHOR

CAUTION! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES. HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

LEGEND

- X/T — EXISTING TRENCH OR UTILITIES
- - - - PROPOSED TRENCH (DISTRIBUTION)
- - - - PROPOSED TRENCH (SERVICE)
- . - . PROPOSED STREET LIGHT TRENCH
- EXISTING UTILITY SPLICE BOX
- ⊙ GAS E.T.S. BOX (N.T.S.)
- ⊙ GAS CURB VALVE (N.T.S.)
- ⊙ 17"x30"x18" PG&E SPLICE BOX
- ⊙ 24"x36"x26" PG&E SPLICE BOX
- ⊙ 3"x5"x3"x6" PG&E SPLICE BOX
- ⊙ 4"x6"x5" PG&E BOX
- ⊙ 4"x8"x6"x6" PG&E SPLICE BOX
- ⊙ 4"x6"x5" PG&E TRANSFORMER
- ⊙ 4"x6"x8"x7"x6" PG&E UCD TRANSFORMER
- ⊙ 4"x6"x8"x6"x6" PG&E DUPLEX TRANSFORMER
- ⊙ 20"x42"x34" TELEPHONE SPLICE BOX
- ⊙ 30"x48"x34" TELEPHONE SPLICE BOX
- ⊙ 30"x60"x24" W/ 8" EXTENSION TELEPHONE SPLICE BOX
- ⊙ 24"x36" WAVE BROADBAND PEDESTAL
- ⊙ 24"x36" WAVE BROADBAND BOX
- ⊙ 20"x42"x12" W/ 8" EXTENSION CABLECOM BOX (B44)
- ⊙ 30"x60"x14" W/ 10" EXTENSION CABLECOM BOX (N52)
- ⊙ 40"x40" FIBER OPTIC SPLICE BOX
- ⊙ STREET LIGHT (SFO STD LS102)
- ⊙ PEDESTRIAN LIGHT (SFO STD LP170)
- ⊙ STREET LIGHT BOX (STATE TYPE 3 1/2)
- ⊙ EXISTING STREET LIGHT
- ⊙ EXISTING UTILITY POLE
- ⊙ EXISTING UTILITY POLE GUY ANCHOR
- ⊙ PG&E SKETCH LOCATION NUMBER
- ⊙ FULL VEHICULAR TRAFFIC LID
- (N.T.S.) NOT TO SCALE
- ⊙ DTIS FIBER PULL STATION

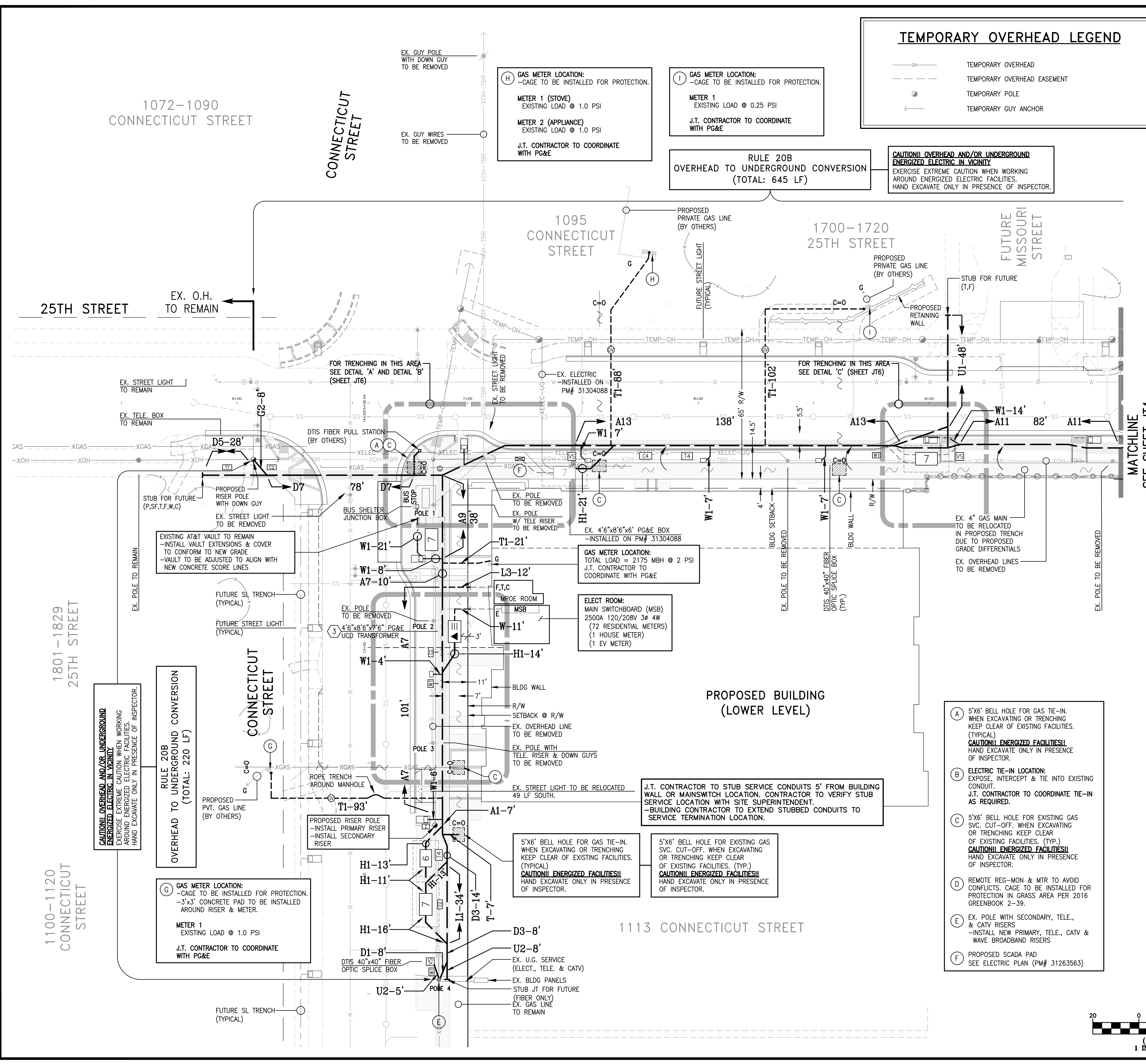
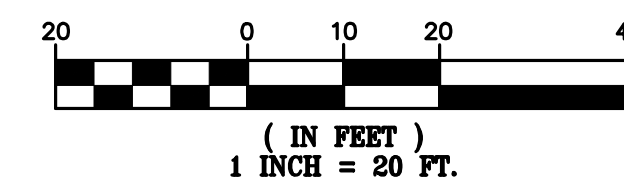
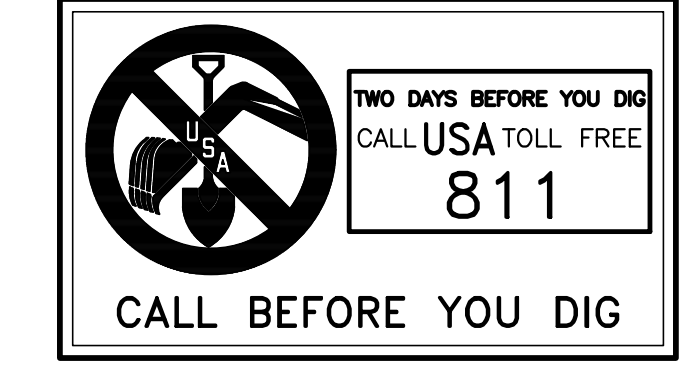
RULE 20B LEGEND

- XOH — EXISTING OVERHEAD - TO REMAIN
- — — — EXISTING OVERHEAD - TO BE REMOVED
- PROPOSED NEW RISER POLE
- EXISTING UTILITY POLE - TO REMAIN
- EXISTING UTILITY POLE - TO BE REMOVED
- ← PROPOSED NEW GUY ANCHOR
- ← EXISTING UTILITY POLE GUY ANCHOR - TO REMAIN
- ← EXISTING UTILITY POLE GUY ANCHOR - TO BE REMOVED

AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* 10-15-19 DATE
DAVID SCOT CROWFOOT
NAME RCE# E11965
EXP. DATE 09/30/21



RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 220 LF)

(G) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
-3'x3' CONCRETE PAD TO BE INSTALLED AROUND RISER & METER.
METER 1
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

J.T. CONTRACTOR TO STUB SERVICE CONDUITS 5' FROM BUILDING WALL OR MAINSWITCH LOCATION. CONTRACTOR TO VERIFY STUB SERVICE LOCATION WITH SITE SUPERINTENDENT.
-BUILDING CONTRACTOR TO EXTEND STUBBED CONDUITS TO SERVICE TERMINATION LOCATION.

(A) 5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(B) ELECTRIC TIE-IN LOCATION: EXPOSE, INTERCEPT & TIE INTO EXISTING CONDUIT. J.T. CONTRACTOR TO COORDINATE TIE-IN AS REQUIRED.

(C) 5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(D) REMOTE REG-MON & MTR TO AVOID CONFLICTS. CAGE TO BE INSTALLED FOR PROTECTION IN GRASS AREA PER 2016 GREENBOOK 2-39.

(E) EX. POLE WITH SECONDARY, TELE., & CATV RISERS -INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS

(F) PROPOSED SCADA PAD SEE ELECTRIC PLAN (PM# 31263563)

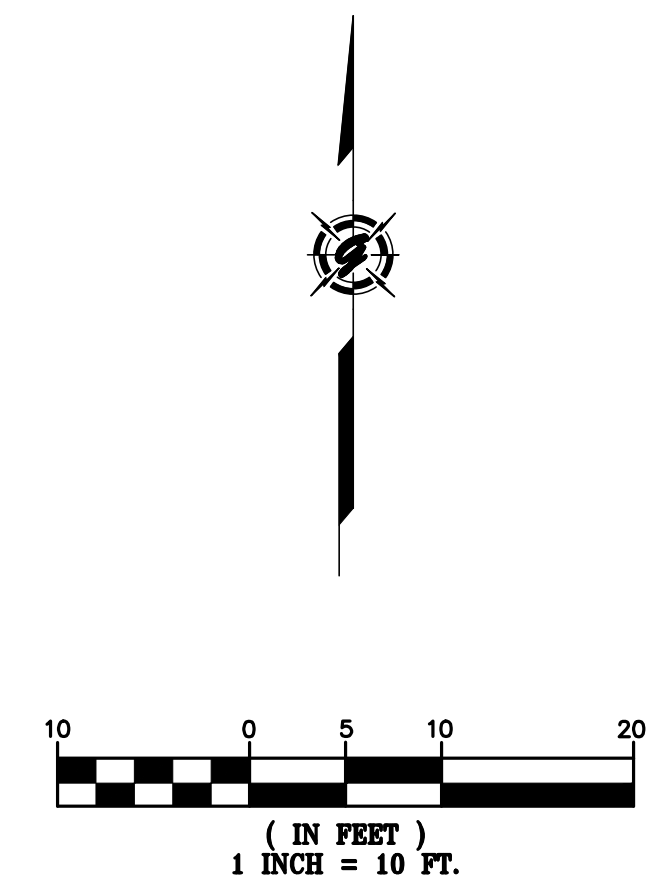
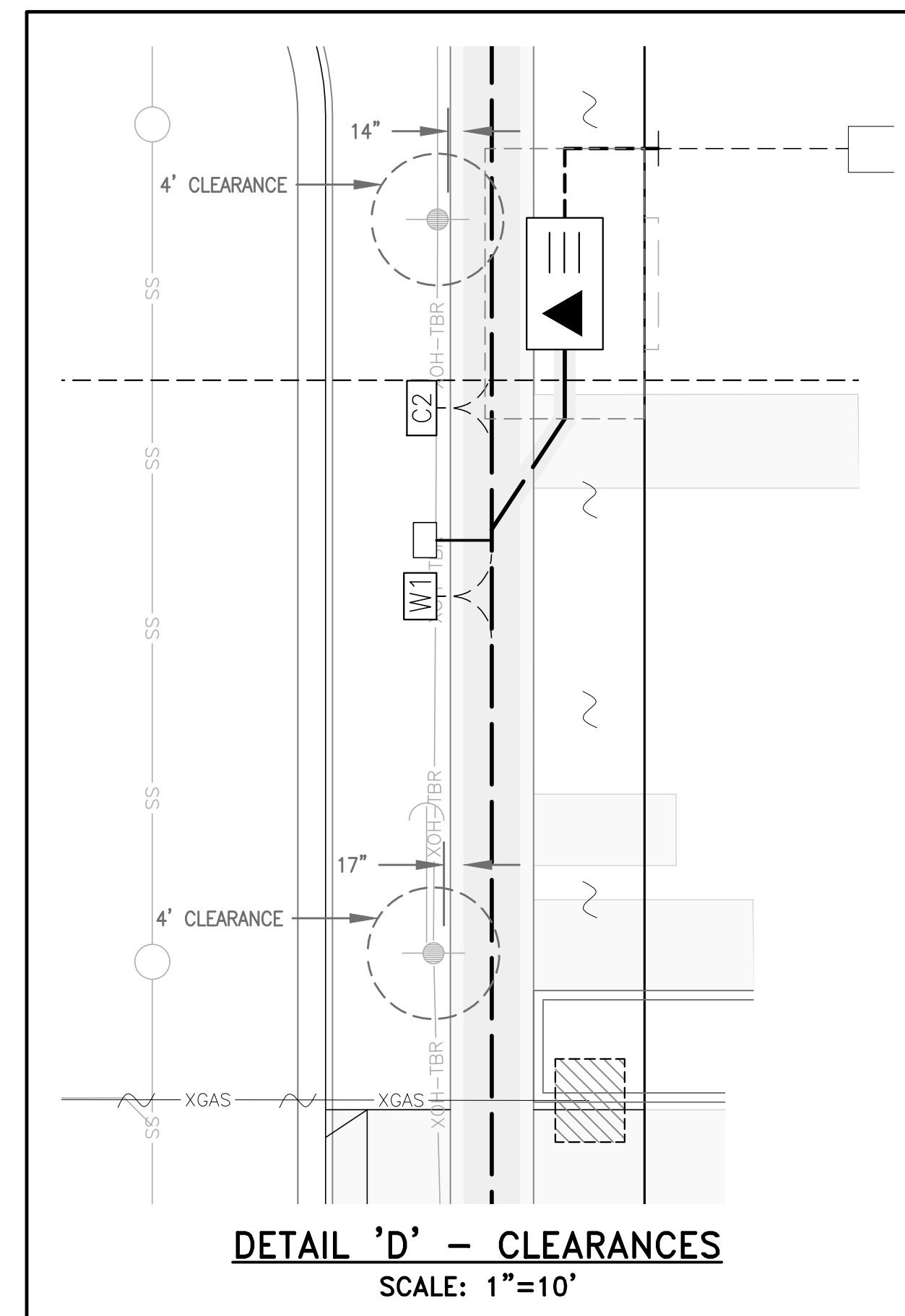
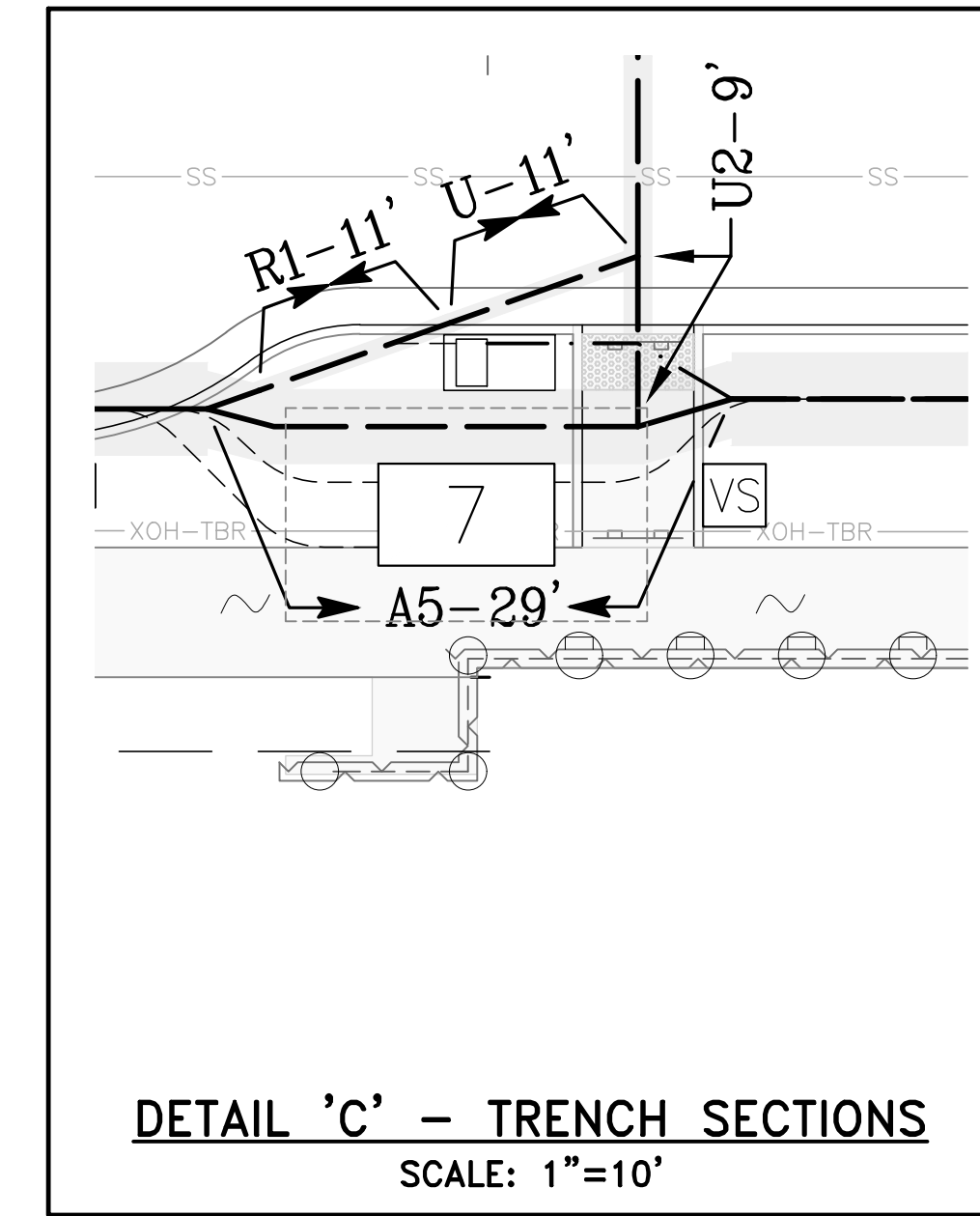
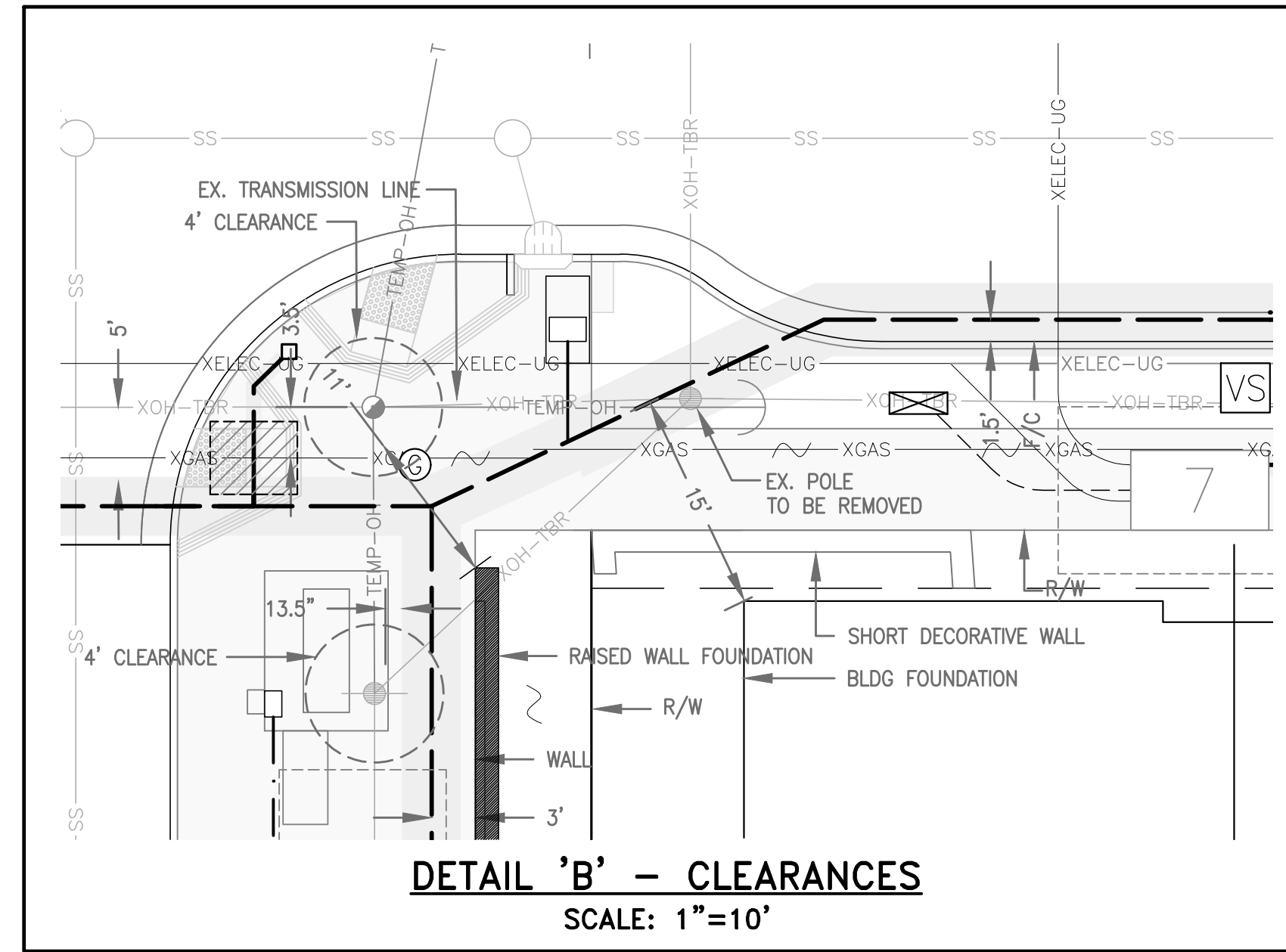
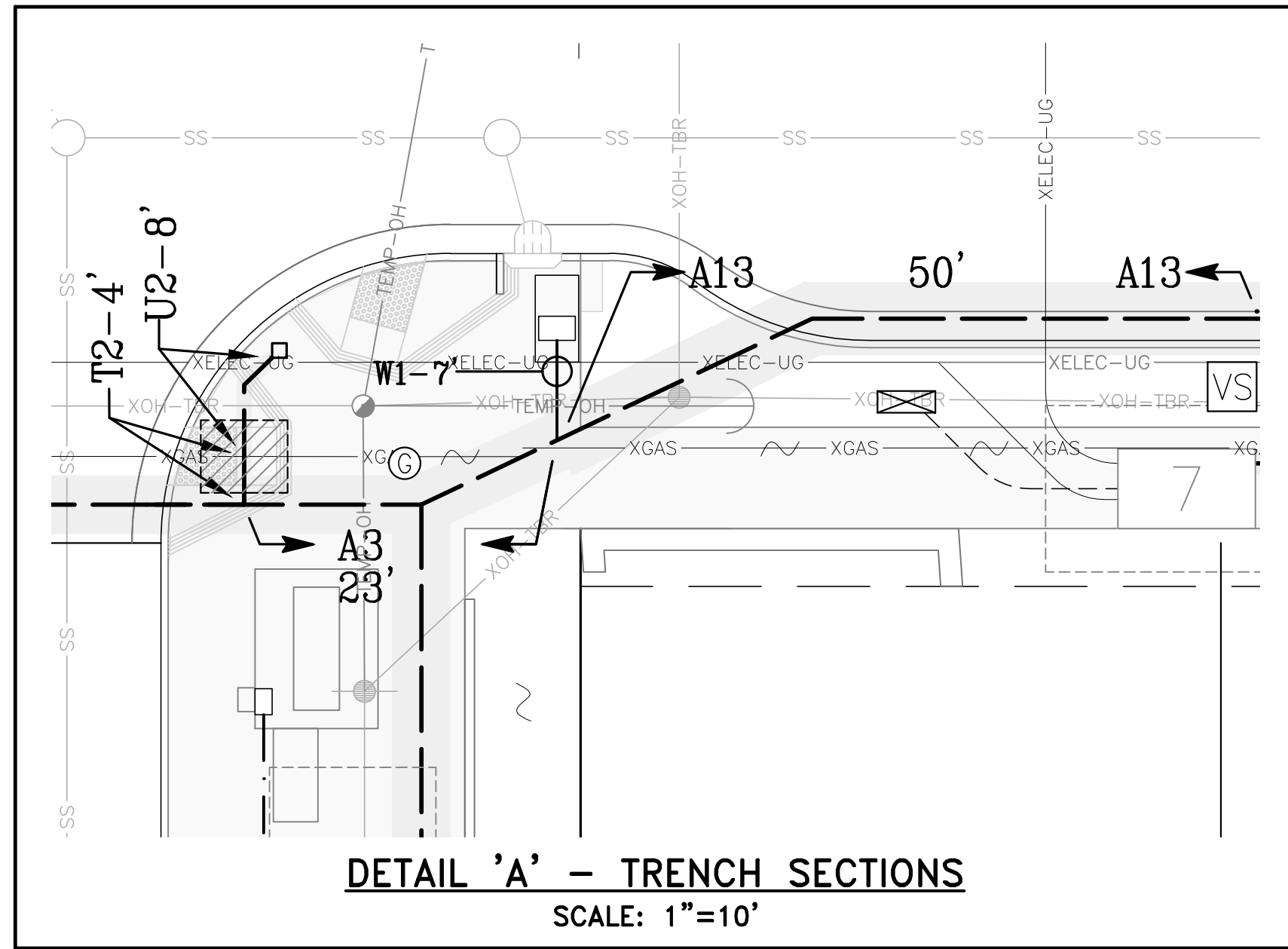
REVISIONS	DESCRIPTION	SYMBOL	DATE

GIACALONE
DESIGN SERVICES, INC.
5820 STONERIDGE MALL RD., #545 | REDLANDS, CA 94068
925-467-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER: B. FULLINGTON
DRAWN BY: RSG/MB
CHECKED BY: BDF/MB
SCALE: 1"=20'
JOB NUMBER: 15-198
DATE LAST MODIFIED: 06-06-18
SHEET JT5
OF 6 SHEETS

DETAIL SHEET



AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* 10-15-19
DAVID SCOT CROWFOOT DATE
NAME RCE# E11965
EXP. DATE 09/30/21



SYMBOL	DATE	DESCRIPTION	APPROVED

GIACALONE
DESIGN SERVICES, INC.
5200 STONERIDGE MALL, SUITE 110
SAN FRANCISCO, CA 94688
415.774.1740 | WWW.GIACALONEDESIGN.COM

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
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JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT6
OF 6 SHEETS

Bill of Sale

For good and valuable consideration of \$0.00, BRIDGE-Potrero Community Associates LLC, a California Limited Liability Corporation ("Seller"), does hereby sell, transfer and convey to Pacific Gas and Electric Company ("Buyer"), title to those portions of the facilities which are the identified as Buyer's facilities on the "as built" drawings attached hereto as Schedule 1 ("Personal Property"), subject to the terms and provisions hereof.

Seller has executed this Bill of Sale and bargained, sold, transferred, conveyed and assigned the Personal Property and Buyer has accepted this Bill of Sale and is purchasing the Personal Property: **AS IS AND WHEREEVER LOCATED, WITH ALL FAULTS AND WITHOUT ANY REPRESENTATIONS OR WARRANTIES OF WHATSOEVER NATURE, EXPRESS, IMPLIED OR STATUTORY, EXCEPT AS EXPRESSLY SET FORTH HEREIN BELOW, IT BEING THE INTENTION OF THE SELLER AND BUYER TO EXPRESSLY NEGATE AND EXCLUDE ALL WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Seller hereby assigns all warranties and guaranties relating to the construction of the Personal Property that were given by the independent contractor hired by Seller to construct the Personal Property. As used herein the term "**Correction Period**" shall mean one (1) year after "**Final Completion**" (as hereinafter defined). Seller shall, to Buyer's reasonable satisfaction, and provided that such work is not the subject of a warranty or guaranty assigned by Seller to Buyer, re-execute or otherwise remedy any defects in the Personal Property due to faulty workmanship that become apparent during the Correction Period. As used herein, the term "**Final Completion**" shall mean May 27, 2021.

Dated this 22nd day of April, 2022.

Signatures on following page.

SELLER

BRIDGE-Potrero Community Associates LLC
a California limited liability corporation
By: BRIDGE Housing Corporation, INC.,
a California nonprofit public benefit
corporation,

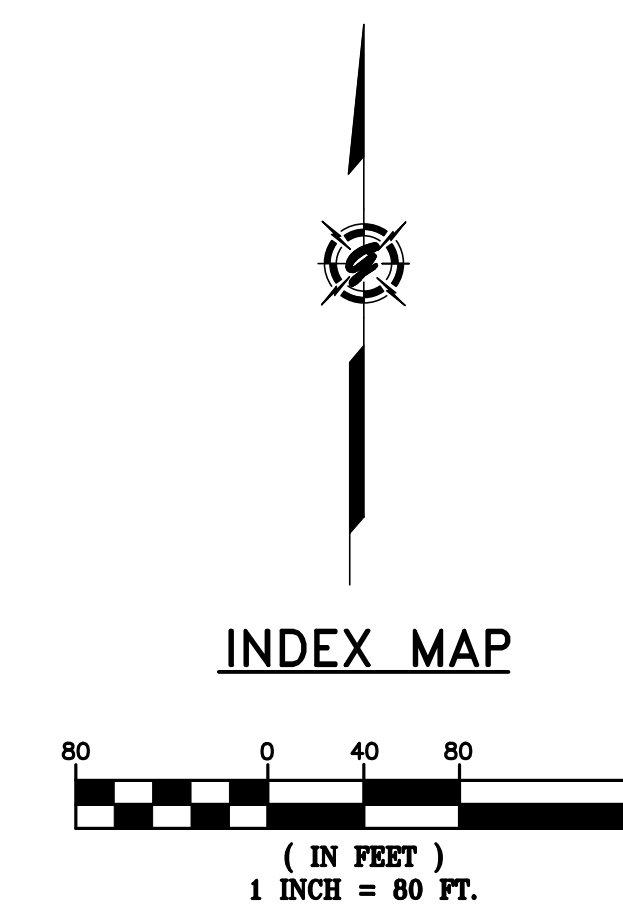
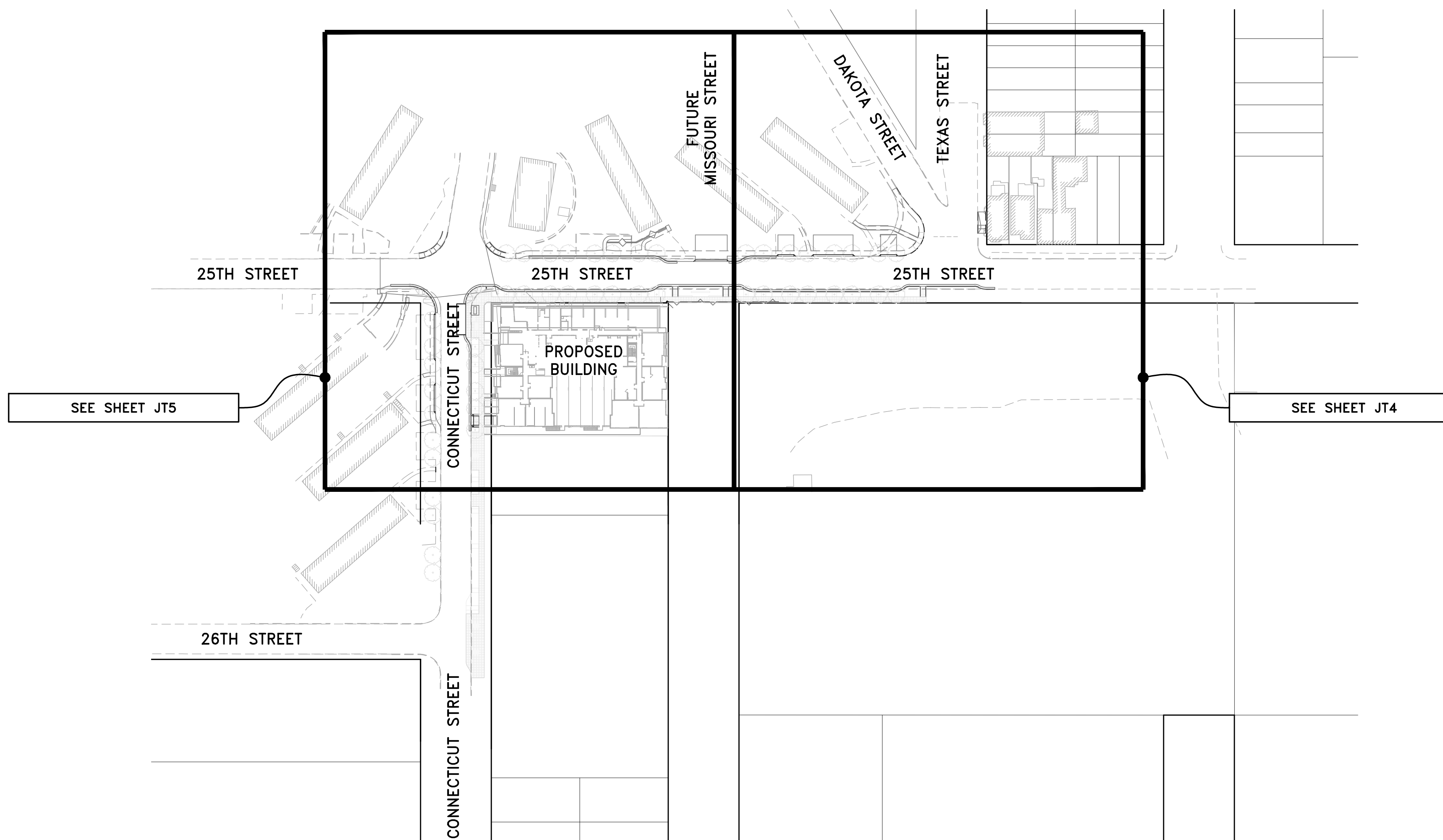
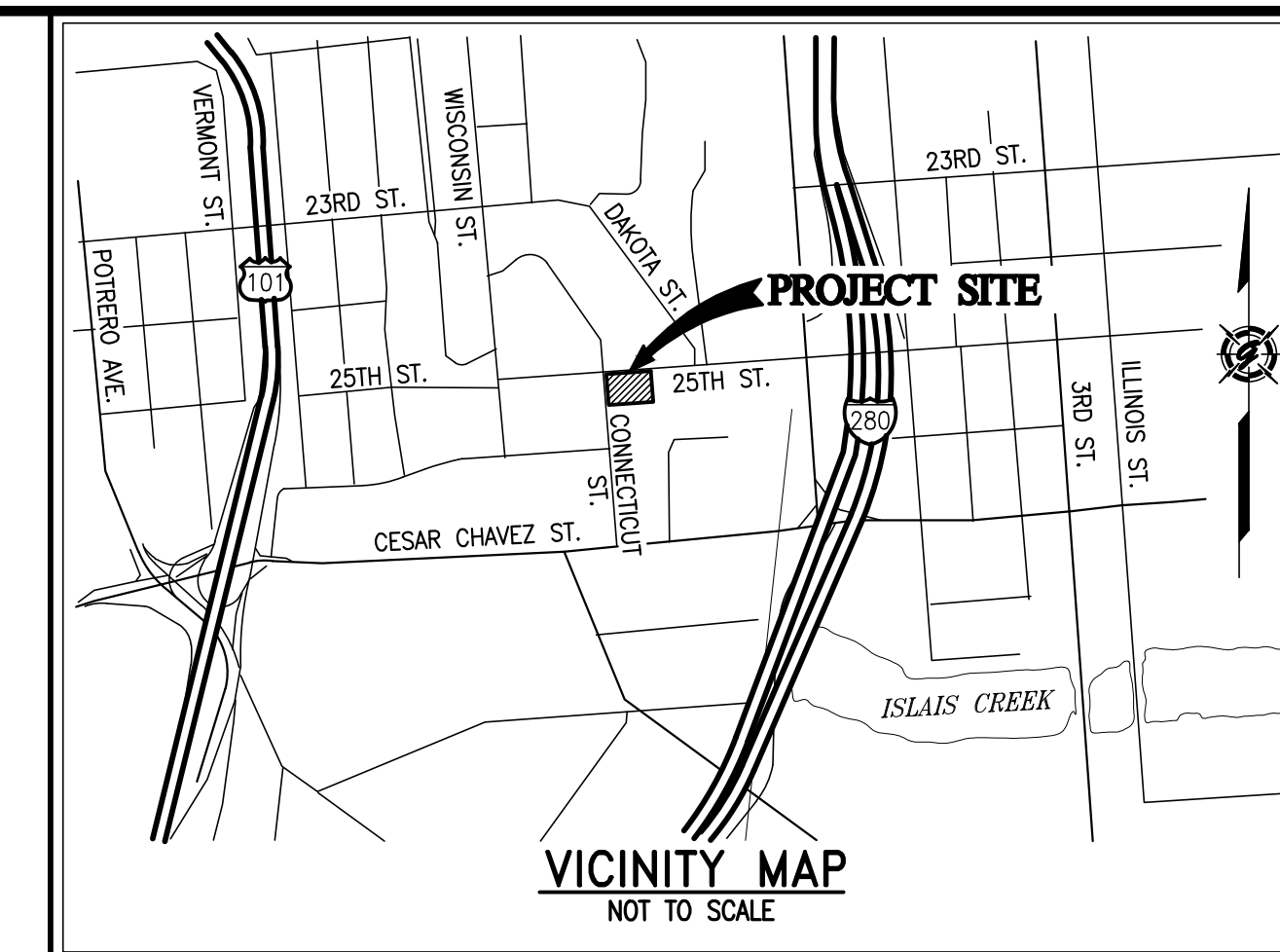
Marie Debor

4745414A7DCB41A...
Marie Debor – Vice President

SCHEDULE 1

As Built Plans entitled:
Potrero Phase 1 Joint Trench Plans
Sheets JT-1 through JT-6
Prepared by: Giacalone Design Services

BRIDGE HOUSING POTRERO - PHASE 1 25TH STREET & CONNECTICUT STREET SAN FRANCISCO, CALIFORNIA



AS-BUILT RECORD DRAWINGS

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SIGNATURE *David Scot Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

SYMBOL	DATE	APPROVED

GIACALONE
DESIGN SERVICES, INC.

5200 STONERIDGE MALL, SUITE #545 | PLEASANTON, CA 94588
925.467.1740 | WWW.GIACALONEDSG.COM

JOINT TRENCH COMPOSITE TITLE SHEET
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON

DRAWN BY:
RSG/MB

CHECKED BY:
BDF/MB

SCALE:
1"=80'

JOB NUMBER:
15-198

DATE LAST MODIFIED:
06-06-18

SHEET
JT1

OF 6 SHEETS

PROJECT TEAM CONTACTS		
COMPANY:	CONTACT:	PHONE:
BRIDGE HOUSING	LEO LOZANO	510-628-0918
CARLILE MACY	MARK HALE	707-542-6451
VAN METER WILLIAMS POLLACK, LLC	ELITSA SHEPHERD	415-974-5352
GLS LANDSCAPE ARCHITECT	JUSTIN FRODESEN	415-285-3614
PG&E - SAN FRANCISCO	MARK JACKANICH	415-695-3681
AT&T - SAN FRANCISCO	RICHARD OW	415-694-1752
CABLECOM, LLC - SAN FRANCISCO	TIM WILSON	650-468-6115
WAVE BROADBAND	AQUILES ARANDA	415-516-5652
DTIS-PUBLIC SAFETY	MIKE DENNING	415-550-2718
GIACALONE DESIGN SERVICES, INC.	BRETT FULLINGTON	925-467-1740

PG&E PM NO.	LATEST FILES RECEIVED			
	DESCRIPTION:	BY:	DATE:	STATUS:
ELECTRIC:				
RULE 15:	31280182	GDSI	07-11-17/08-09-17	ANS/ANS
RULE 20:	31263563	GDSI	01-15-18/05-07-18	A/6TH
RELOC:	31304088	AT&T	02-08-18	INTENT REPLY
WRO:	31280897	CABLECOM	11-08-17	INTENT REPLY
GAS:		WAVE BROADBAND	11-08-17	INTENT REPLY
RULE 15:	31280260	GDSI	02-08-18	-
RELOC:	31262253	CARLILE MACY	05-15-18	-

A=Approved • ANS=Approved Not Signed • NA=Not Approved • F=First Submittal • SS=Second Submittal

PROJECT DESCRIPTION & SCOPE
<ul style="list-style-type: none"> NEW SERVICE TO (1) BUILDING CONSISTING OF (72) UNITS 645± LF OF O.H. TO U.G. CONVERSION ALONG 25TH STREET 220± LF OF O.H. TO U.G. CONVERSION ALONG CONNECTICUT STREET 530± OF GAS MAIN RELO. DUE TO GRADE CHANGE ON 25TH STREET 155± OF GAS MAIN RELO. ON CONNECTICUT STREET

SHEET INDEX	
SHEET	DESCRIPTION
JT1	JOINT TRENCH COMPOSITE TITLE SHEET
JT2-JT3	JOINT TRENCH GENERAL NOTES, SECTIONS & DETAILS
JT4-JT5	JOINT TRENCH COMPOSITE PLAN
JT6	JOINT TRENCH DETAILS
SL1-SL4	STREET LIGHTING SITE PLAN
G1-G2	PG&E GAS CONSTRUCTION DRAWINGS (R15)
G1-G3	PG&E GAS CONSTRUCTION DRAWINGS (RELOC)
E1	PG&E ELECTRIC CONSTRUCTION SKETCH (R15)
E1-E5	PG&E ELECTRIC CONSTRUCTION SKETCH (R20)

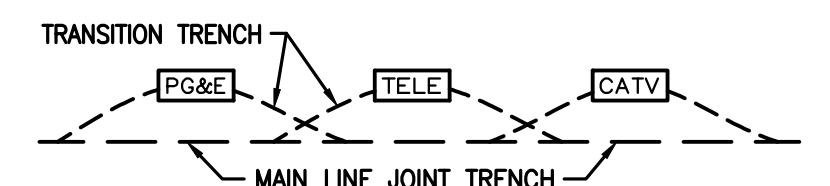
LABOR & CONSTRUCTION RESPONSIBILITY

SPURV. ELECTRIC
PG&E ELECTRIC
PG&E GAS
TELEPHONE
CATV
DTIS
FIBER
CONTRACTOR

- 1. TRENCHING: EXCAVATE, BACKFILL AND COMPACT
2. GAS MATERIAL: SUPPLY, INSTALL
3. ELECTRIC CABLE: SUPPLY, INSTALL
4. ELECTRIC CONDUIT: SUPPLY, INSTALL
5. ELECTRIC SPLICE BOXES: EXCAVATE, SUPPLY, INSTALL
6. ELECTRIC TFM. ENCLS: EXCAVATE, SUPPLY, INSTALL
7. ELECTRIC EQUIP. ENCLS.: EXCAVATE, SUPPLY, INSTALL
8. ELECTRIC TRANS. PADS: GRADE, SUPPLY, INSTALL
9. ELECTRIC SWITCH PADS: GRADE, SUPPLY, INSTALL
10. TELE. CONDUIT: (TYPE C WHT. W/AT&T LOGO) SUPPLY, INSTALL
11. TELEPHONE CABLE: SUPPLY, INSTALL
12. TELEPHONE SPLICE BOXES: EXCAVATE, SUPPLY, INSTALL
13. TELEPHONE INTER PADS: GRADE, SUPPLY, INSTALL
14. CATV CONDUITS: (COMCAST) SUPPLY, INSTALL
15. CATV SPLICE BOXES: (COMCAST) EXCAVATE, SUPPLY, INSTALL
16. CATV CONDUITS (SCH. 40): (WAVE) SUPPLY, INSTALL
17. CATV SPLICE BOXES: (WAVE) EXCAVATE, SUPPLY, INSTALL
18. FIBER CONDUITS (SCH. 80): (DTIS) SUPPLY, INSTALL
19. FIBER SPLICE BOXES: (DTIS) EXCAVATE, SUPPLY, INSTALL
20. STREET LIGHTING: EXCAVATE, SUPPLY, INSTALL

THE ABOVE DESIGNATES THE WORK TO BE PERFORMED BY THE CONTRACTOR AND EACH UTILITY COMPANY.

JOINT TRENCH TRANSITION



- 1. CONTRACTOR TO EXCAVATE TRANSITIONS FROM MAIN-LINE TRENCH TO VAULTS AS REQUIRED BY EACH UTILITY.
2. TRANSITIONS NOT SHOWN ON COMPOSITE DRAWING FOR CLARITY.
3. CONTRACTOR TO INCLUDE COST OF TRANSITIONS IN VAULT EXCAVATION COST.

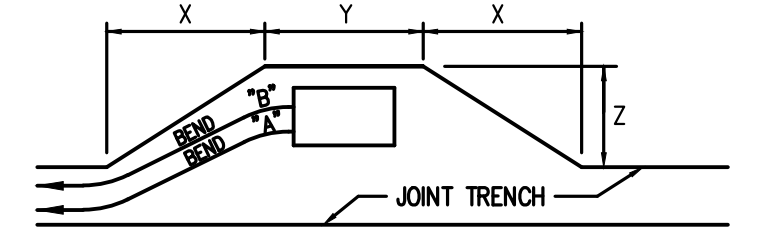
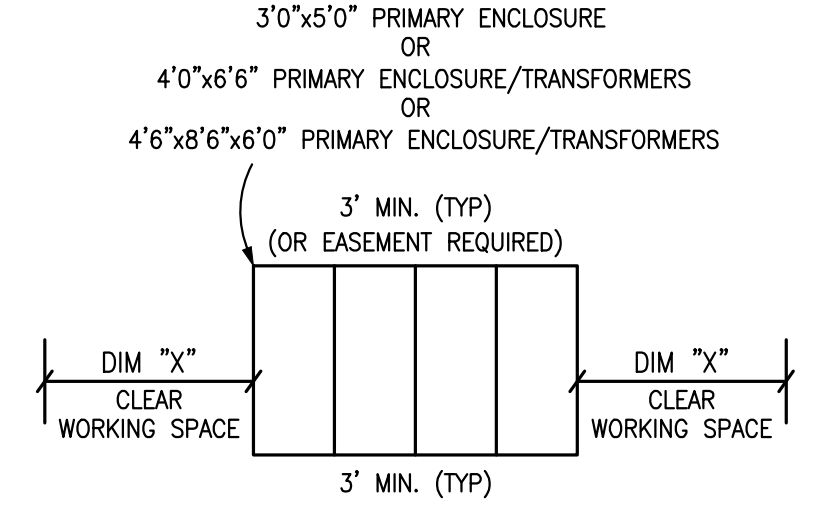


Table with columns: PRIMARY BOX SIZE, DISTANCE, WHEN CONDUIT ENTERS BOX. Rows for 'a' and 'b' configurations.

TYPICAL PRIMARY BOX EXCAVATION USING A CONDUIT SYSTEM

NOT TO SCALE

PG&E PRIMARY ENCLOSURE CLEARANCES



3' MIN. 3'0"x5'0" ENCLOSURES
4' MIN. 4'0"x6'6" ENCLOSURES
5' MIN. 4'6"x8'6"x6'0" ENCLOSURES
NOT TO SCALE

APPLICANT TO WATERPROOF ALL TRANSFORMER ENCLOSURES AND SEAL ELECTRIC CONDUITS ENTERING ENCLOSURE PER PG&E STANDARDS 072149 & 062288

JOINT TRENCH CONTRACTORS NOTES

- 1. THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL INSTALLATIONS INSPECTED AND APPROVED BY THE RESPECTIVE UTILITY COMPANY, MUNICIPALITY, OR SOILS ENGINEER PRIOR TO ANY BACK FILLING. (48 HOUR NOTICE)
2. CONTRACTOR WILL COMPLY WITH ALL LAWS, ORDINANCES AND REGULATIONS. CONTRACTOR SHALL BE FAMILIAR WITH O.S.H.A. INDUSTRIAL ORDERS AND SHALL CONDUCT HIS WORK ACCORDINGLY.
3. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POINTS OF ACCESS THAT ARE AGREEABLE TO ADJACENT LAND USES AND TENANTS AT ALL TIMES.
4. THE CONTRACTOR TO BE AWARE THAT THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE BASED UPON RECORD DATA MADE AVAILABLE BY PG&E, TELEPHONE, CATV, IMPROVEMENT PLANS AND CITY RECORDS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF CONSTRUCTION WITH THE RESPECTIVE UTILITY AGENCIES, ALLOWING 48 HOURS PRIOR TO THE NEED FOR INSTALLATIONS.
6. THE CONTRACTOR SHALL NOTIFY DEVELOPER 48 HOURS PRIOR TO THE NEED FOR SURVEY STAKING.
7. THE CONTRACTOR IS RESPONSIBLE TO PROTECT IN PLACE ALL EXISTING FACILITIES.
8. IT'S THE CONTRACTOR/DEVELOPER RESPONSIBILITY TO MAKE SURE THAT THE MOST CURRENT SET OF PLANS ARE BEING USED.
9. THE CONTRACTOR SHALL COORDINATE ALL TIE-INS WITH UTILITY COMPANIES AS REQUIRED.
10. THE CONTRACTOR SHALL PROVIDE TIE-IN HOLE TO 12" BELOW EXISTING GAS MAIN FOR PG&E GAS TIE-IN(S) UNLESS OTHERWISE NOTED ON PLANS.
11. JOINT TRENCH FACILITIES SHALL MAINTAIN A MINIMUM OF 3' HORIZONTAL CLEARANCE FROM EDGE OF JOINT TRENCH TO EDGE OF "WET" UTILITIES WITH A MINIMUM 6" VERTICAL CLEARANCE.
12. TRANSITION TRENCH FOR VAULTS/PEDESTALS NOT SHOWN FOR CLARITY.
13. THE CONTRACTOR SHALL OFFSET VAULTS/PEDESTALS AS REQUIRED FOR CONDUIT/CABLE ROUTING.
14. THE CONTRACTOR SHALL FIELD ADJUST VAULTS/PEDESTALS AS REQUIRED TO AVOID CONFLICTS WITH DRIVEWAYS, SIDEWALKS, HANDICAP RAMPS, FIRE HYDRANTS, WATER & SEWER LATERALS, ETC.
15. SERVICE LOCATIONS SHOWN ARE APPROXIMATE, THE CONTRACTOR SHALL FIELD VERIFY THEIR EXACT LOCATIONS PRIOR TO COMMENCING WORK.
16. SERVICE COMPLETION TRENCHES SHALL BE INSTALLED AFTER CURB AND GUTTER, UNLESS DIRECTED OTHERWISE.
17. EDGE OF SPLICE BOXES & PEDESTALS SHALL BE 5' FROM EDGE OF F.H. AND 3' FROM STREET LIGHT (TYP.) CONTRACTOR TO AVOID DISTURBING F.H. THRUST BLOCK.
18. THE CONTRACTOR SHALL PERFORM ALL TRENCHING, EXCAVATING, BACKFILLING, INSTALLATION AND ALL OTHER WORK AS SHOWN OR NOTED ON THESE PLANS & SPECIFICATIONS.
19. ALL TRENCHES, BOXES AND CONDUIT LAYOUTS IN THIS PLAN SET ARE SHOWN SCHEMATICALLY.
20. ALL JOINT TRENCH CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD PRACTICES AND SPECIFICATIONS OF EACH PARTICIPATING UTILITY COMPANY.
21. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING WORK.
22. THE BOTTOM OF ALL TRENCHES SHALL BE CLEARED OF ROCKS AND ALL OTHER HARD SURFACE MATERIAL.
23. THE CONTRACTOR SHALL NOTIFY GIACALONE DESIGN SERVICES, INC. OF ANY DIFFERENCES IN THE ACTUAL LOCATION OF EXISTING FACILITIES.
24. GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR ANY DIFFERENCES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS.
25. THE CONTRACTOR SHALL COORDINATE ALL CONNECTIONS BETWEEN EXISTING AND PROPOSED FACILITIES WITH THE RESPECTIVE UTILITY INSPECTOR.
26. THE CONTRACTOR IS REQUIRED TO EXCAVATE "BELL HOLES" AT THE TIE-IN LOCATIONS AS REQUIRED BY THE UTILITY COMPANIES.
27. TRENCHING AND/OR SUBSTRUCTURE EXCAVATIONS MAY TAKE PLACE OVER, UNDER, OR ADJACENT TO OTHER UNDERGROUND FACILITIES.
28. THE RESPECTIVE UTILITY INSPECTOR WILL DETERMINE IN THE FIELD IF RETAINING WALLS WILL BE NEEDED TO MEET THE MINIMUM CLEARANCE REQUIREMENTS.
29. THE CONTRACTOR SHALL "RED-LINE" (1) ONE SET OF THE JOINT TRENCH COMPOSITE PLANS AND (2) TWO SETS OF THE GAS AND ELECTRIC PLANS WITH "AS-BUILT" INFORMATION AND GIVE TO THE DEVELOPER PRIOR TO SPLICING OF THE PRIMARY ELECTRIC SYSTEM.
30. CONTRACTOR TO VERIFY RIGHT OF WAY, PUBLIC UTILITY EASEMENT AND/OR PUBLIC SERVICE EASEMENT ACQUISITION WITH THE APPLICANT PRIOR TO CONSTRUCTION WITHIN AREAS OF QUESTION.
31. SUBSTRUCTURES MUST HAVE 12" MINIMUM CLEARANCE FROM JOINT TRENCH.

GENERAL NOTES

- 1. PG&E'S UO STANDARD S5453 TO BE UTILIZED FOR ALL TRENCHING, BACK-FILLING, AND INSTALLATION WORK.
2. SHOULD A DISPUTE OR DISAGREEMENT OVER ANY INSTALLATION, DESIGN, PLAN, OR DRAWING OCCUR THE SPECIFICATIONS AND REQUIREMENTS OF THE INDIVIDUAL UTILITY COMPANY AND THEIR INSPECTOR SHALL TAKE PRECEDENCE.
3. GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE QUALITY, QUANTITY OR TIMING OF WORK BY CONTRACTOR, UTILITY COMPANY CONSTRUCTION CREWS OR OTHER SUBCONTRACTORS TO THE DEVELOPER.
4. THE DRAWINGS AND SPECIFICATIONS SHALL BE CONSIDERED TO BE COMPLEMENTARY TO ONE ANOTHER.
5. CONSULT PARTICIPATING UTILITIES, SOILS ENGINEER, AND THE CITY FOR APPROVED BACK FILL MATERIAL.
6. GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE PROJECT CONDITIONS.
7. ALL LENGTHS SHOWN ON THESE PLANS ARE ESTIMATES.
8. SHOULD A CONFLICT ARISE BETWEEN FACILITIES SHOWN ON THESE PLANS AND IMPROVEMENT PLANS FOR THIS PROJECT, THE IMPROVEMENT PLANS SHALL TAKE PRECEDENCE.
9. ALL TRANSFORMERS AND TRANSFORMER PADS ARE TO BE INSTALLED PER PG&E SPECIFICATIONS.
10. THE MINIMUM TRENCH WIDTHS AND DEPTHS SHOWN ARE BASED ON THE MINIMUM UTILITY COMPANY REQUIREMENTS.
11. TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY.
12. RESPECTIVE UTILITY TO OBTAIN CITY OR COUNTY APPROVAL OF ALL ABOVE GROUND EQUIPMENT.
13. ALL BOXES TO BE INSTALLED WITHIN THE R/W AND/OR PUE AREA.
14. ANY QUESTIONS OR UNCERTAINTIES REGARDING REMOVAL AND/OR REPLACEMENT OF EXISTING HARDSCAPE OR LANDSCAPE SHALL BE COORDINATED WITH THE DEVELOPER AND/OR OTHER PARTIES/AGENCIES INVOLVED.
15. A 3 FOOT CLEAR & LEVEL WORKING AREA MUST BE MAINTAINED AROUND ALL ELECTRIC ENCLOSURES.

DESIGN CHANGE COMPONENT
ANY CHANGES TO THIS DESIGN MUST BE APPROVED BY
LINH LY (415) 695-3591
PG&E Gas ADE

DEVELOPER
PLEASE NOTE AND SIGN
ALL PG&E ENCLOSURES AND BOXES HAVE BEEN SET TO GRADE ACCORDING TO GRADE STAKES PROVIDED BY DEVELOPERS ENGINEER.
THANK YOU
SIGNED:
DATE:

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CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.
SIGNATURE: [Signature] 10-15-19
DAVID SCOT CROWFOOT DATE
NAME: RCE# E11985
EXP. DATE: 09/30/21



Table with columns: REVISIONS, DESCRIPTION, SYMBOL, DATE

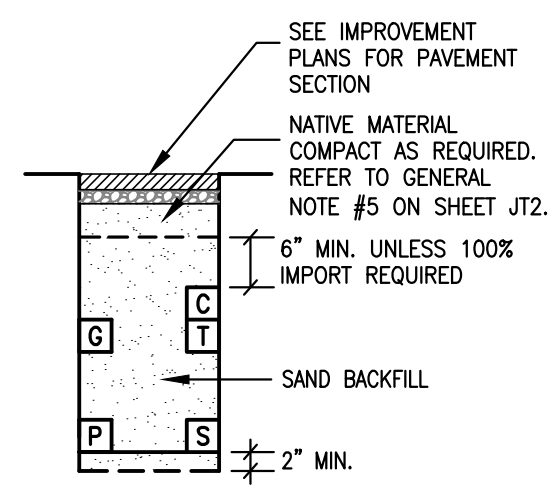
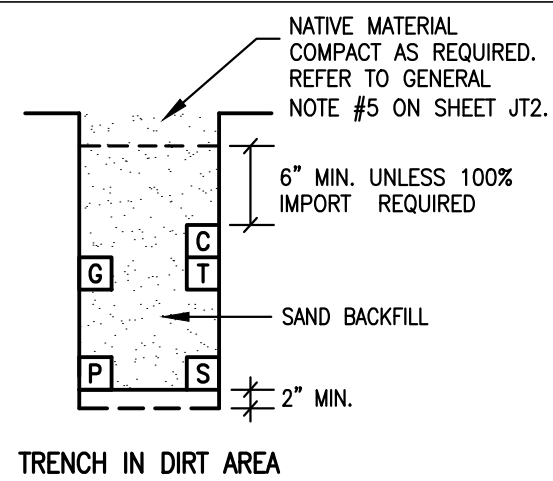
GIACALONE DESIGN SERVICES, INC.
5820 STONERIDGE WALK, SUITE 111, REDWOOD CITY, CA 94068
925.467.1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH GENERAL NOTES & DETAILS
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER: B. FULLINGTON
DRAWN BY: RSG/MB
CHECKED BY: BDF/MB
SCALE: NONE
JOB NUMBER: 15-198
DATE LAST MODIFIED: 06-06-18
SHEET JT2 OF 6 SHEETS

MINIMUM COVER & CLEARANCE CHART

UTILITY	G	T	C	S	P	SF	PUB SL	F	MINIMUM COVER
G (GAS) SEE NOTE 3 & 4	12"	12"	6"	12"	12"	12"	12"	24"	30" IN STREET
T (TELEPHONE)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
C (CABLE T.V.)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
S (PG&E SECONDARY)	6"	12"	12"	1.5"	3"	3"	12"	24"	30" IN STREET
P (PG&E PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
SF (SFPUC PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
*SL (PUBLIC-STREET LIGHT)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
F (CITY-FIBER OPTIC)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET



NOTE:

- TRENCH COVER & CLEARANCES SHOWN ARE MINIMUMS ONLY AND MAY REQUIRE ALTERATIONS TO SUIT FIELD CONDITIONS.
- IT IS RECOMMENDED THAT ALL FACILITIES ARE TO BE A MINIMUM OF 12" BELOW SUBBASE DISTURBANCE.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED, SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE, CATV & FIBER OPTIC).
- WHERE 6" GAS MAIN IS IN JOINT TRENCH 12" MINIMUM SEPARATION FROM GAS MAIN TO ALL UTILITIES WILL BE REQUIRED.
- 3" MINIMUM BETWEEN 600A (6") MAINLINE PRIMARY ELECTRIC DUCTS.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, ST. LT. SEPARATION MAY BE REDUCED TO 0" BETWEEN ST. LT. AND COMMUNICATION DUCTS (TELEPHONE, CATV. & FIBER OPTIC).

TRENCH SECTION LEGEND

- MEETS UTILITY TRENCH ALLOTMENT
- EXCEEDS UTILITY TRENCH ALLOTMENT
- SFPUC PRIMARY
- PG&E PRIMARY
- PG&E SECONDARY
- PG&E GAS
- TELEPHONE
- CABLE T.V. (CABLECOM)
- CABLE T.V. (WAVE BROADBAND)
- FIBER OPTIC (DTIS-PUBLIC SAFETY)
- STREET LIGHTING

XX LF-TOTAL = TOTAL TRENCH LENGTH
 XX LF-R&R = REMOVE & REPLACE PAVEMENT ONLY, TRENCH INCLUDED IN TOTAL TRENCH LENGTH

JOINT TRENCH OCCUPANCY GUIDE

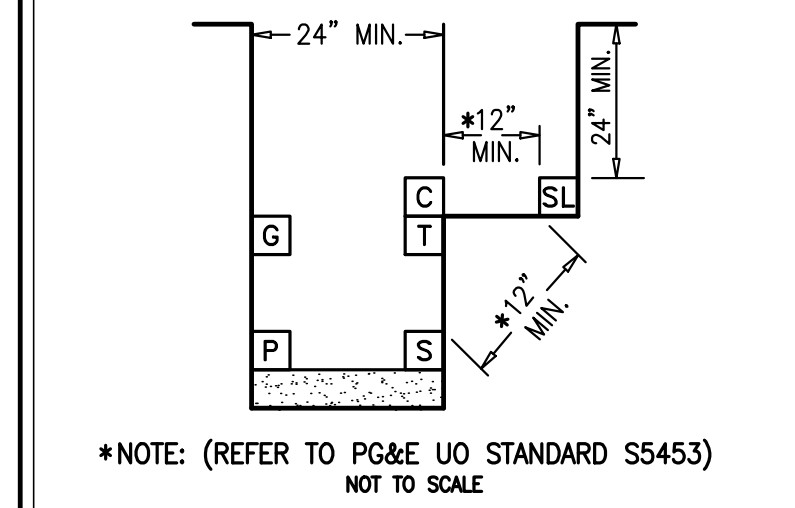
SECTION	G	T	C	S	P	OTHER
*A	X	X	X	X	X	
*B	X	X	X	X	X	
*C	X	X	X	X	X	
*D	X	X	X	X	X	
*E	X	X	X	X	X	
*F	X	X	X	X	X	
*G	X	X	X	X	X	
*H	X	X	X	X	X	
I	X	X	X	X	X	
J	X	X	X	X	X	
K	X	X	X	X	X	
L	X	X	X	X	X	
M	X	X	X	X	X	
N	X	X	X	X	X	
O	X	X	X	X	X	
P	X	X	X	X	X	
Q	X	X	X	X	X	
R	X	X	X	X	X	
S	X	X	X	X	X	
T	X	X	X	X	X	
U	X	X	X	X	X	
V	X	X	X	X	X	
W	X	X	X	X	X	

*THESE SECTIONS MAY OR MAY NOT CONTAIN SECONDARY

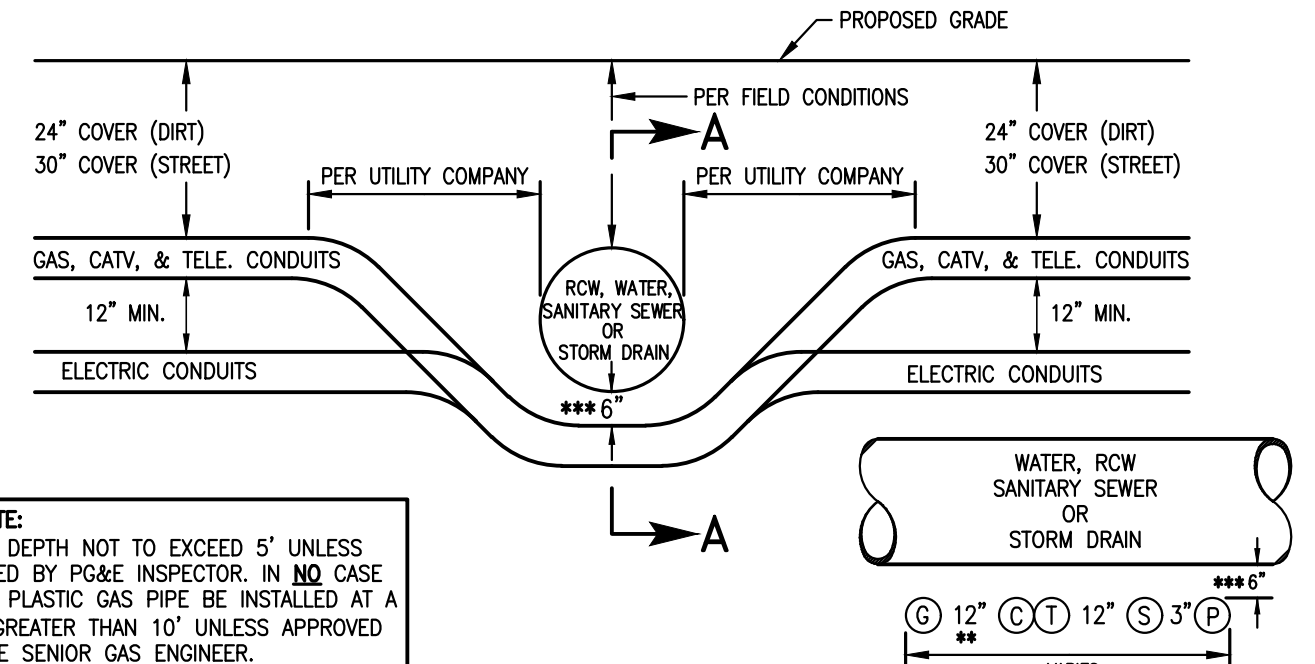
GENERAL TRENCH SECTION NOTES

- TRENCH CONFIGURATIONS SHOWN ARE FOR INSTALLATIONS WHERE EACH OCCUPANT IS UTILIZING HIS ENTIRE SPACE ALLOCATION. OTHER CONFIGURATIONS, OR REDUCED DIMENSIONS, MAY BE USED PROVIDED THAT MINIMUM COVER AND CLEARANCES ARE MAINTAINED.
- CONTRACTOR TO ADJUST TRENCH DEPTHS AT ALL JOINT TRENCH LATERAL CROSSINGS TO MAINTAIN REQUIRED CLEARANCES BETWEEN ALL PARTICIPATING UTILITIES.
- TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY, THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.

TYPICAL STEP TRENCH W/ST. LT. J.T. CONTRACTOR OPTION

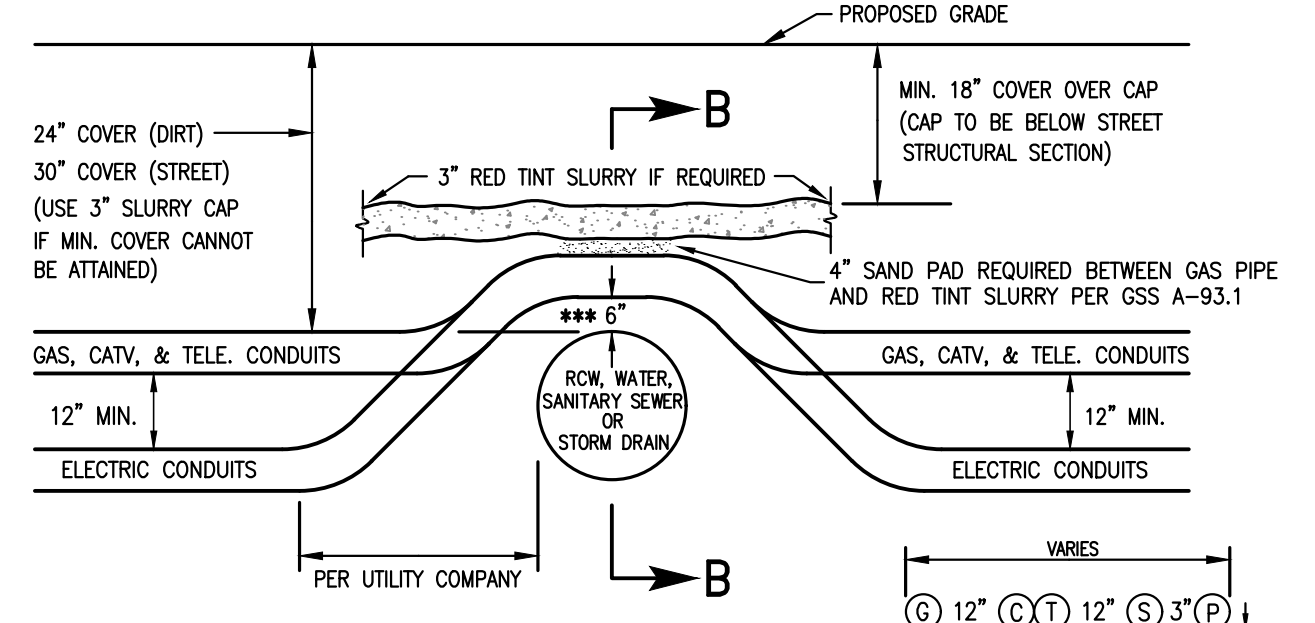


DRY UTILITY CROSSING DETAILS



GAS NOTE:
 TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTOR. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

JOINT TRENCH UNDER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN

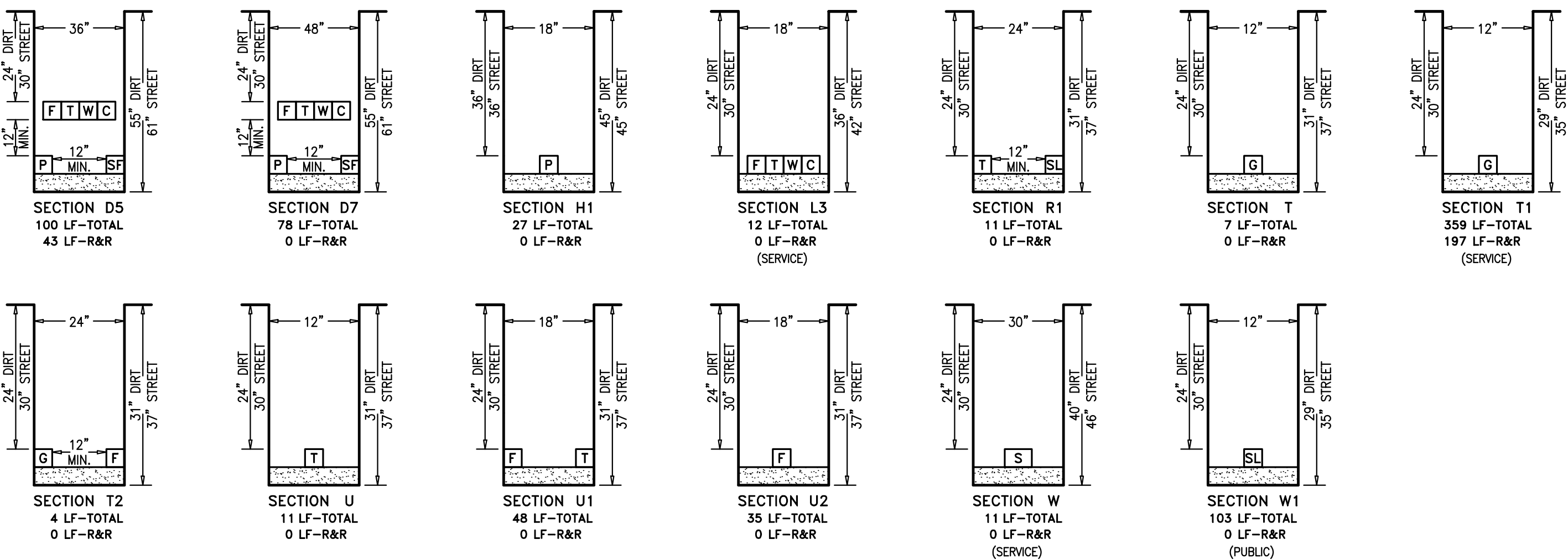


GAS NOTE:
 TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTOR. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

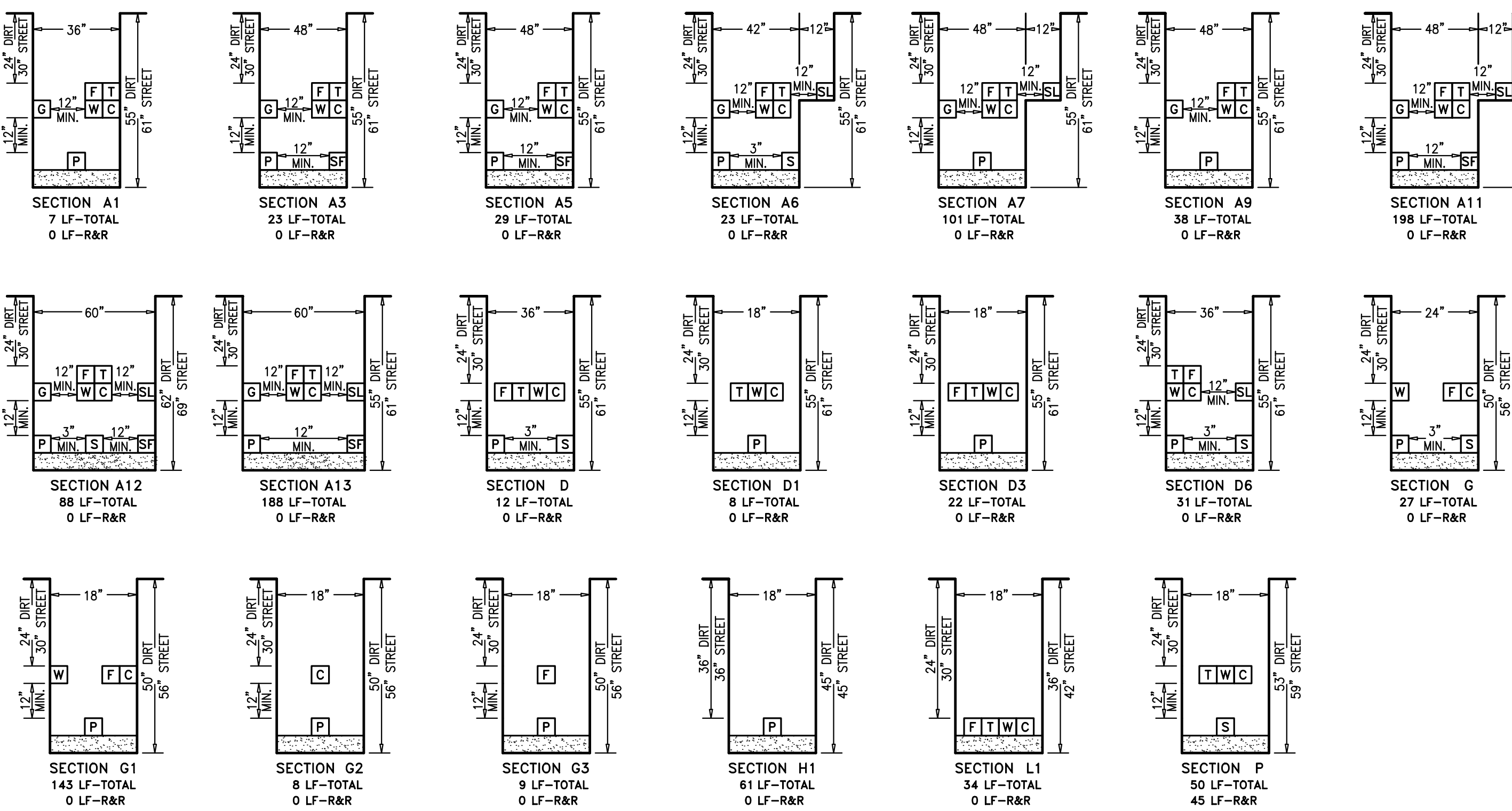
JOINT TRENCH OVER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN

- NOTE:**
- SEE MINIMUM COVER & CLEARANCE CHART.
 - WITH MUTUAL AGREEMENT, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE & CATV).
 - 6" MINIMUM REQUIRED BY PG&E-ADDITIONAL CLEARANCE MAYBE REQUIRED BY CITY OR COUNTY. BED THE BOTTOM OF THE TRENCH WITH IMPORTED SAND, INSTALL THE CONDUIT AND/OR GAS PIPE, COVER THE FACILITY WITH THE SAME IMPORTED SAND AND MECHANICALLY COMPACT USING A VIBRATORY TYPE COMPACTOR.
 - CROSSING METHODS ARE NOT LIMITED TO THE ABOVE DETAILS. OTHER APPROVED CONFIGURATIONS MAY BE USED. CONTRACTOR TO VERIFY METHOD OF CROSSING WITH GOVERNING AGENCY AND/OR UTILITY COMPANIES AS REQUIRED PRIOR TO CONSTRUCTION.
 - JOINT TRENCH CONTRACTOR SHALL NOT ASSUME THAT ANY OF THE METHODS ABOVE WILL BE ACCEPTABLE TO PG&E & THE UTILITIES. J.T. CONTRACTOR IS REQUIRED TO COORDINATE THE LOCAL INSPECTORS PRIOR TO INSTALLING DRY UTILITIES ACROSS WATER, RECYCLED WATER, SANITARY SEWER, STORM DRAIN OR ANY OTHER FACILITY WITH ANY ISSUE RELATING TO COVERS LESS THAN THE MINIMUM OR COVERS REQUIRING SHOWING. CONCRETE CAPPING IS ONLY ACCEPTABLE WHERE NO OTHER SOLUTION IS POSSIBLE AND ONLY WHEN CERTAIN CRITERIA ARE MET AND ONLY WITH PG&E APPROVAL.

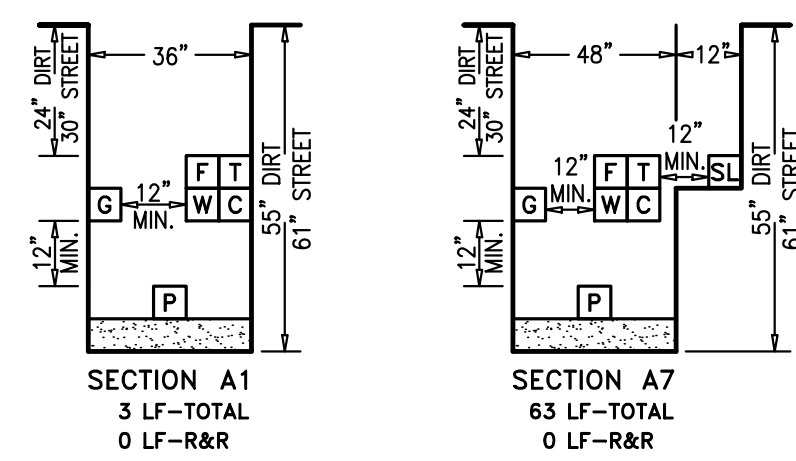
RULE 15/16 TRENCH SECTIONS



RULE 20 TRENCH SECTIONS



RULE 15/16 & RULE 20 TRENCH SECTIONS



AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

CALL BEFORE YOU DIG

TWO DAYS BEFORE YOU DIG
 CALL USA TOLL FREE
 811

APPROVED	REVISIONS	DESCRIPTION	DATE

GIACALONE
 DESIGN SERVICES, INC.
 5200 STONERIDGE MALL, RD., #545 | PLEASANTON, CA 94588
 925-467-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH SECTIONS & DETAILS
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
 B. FULLINGTON

DRAWN BY:
 RSG/MB

CHECKED BY:
 BDF/MB

SCALE:
 NONE

JOB NUMBER:
 15-198

DATE LAST MODIFIED:
 06-06-18

SHEET
JT3
 OF 6 SHEETS

TEMPORARY OVERHEAD LEGEND

- TEMPORARY OVERHEAD
- TEMPORARY OVERHEAD EASEMENT
- TEMPORARY POLE
- TEMPORARY GUY ANCHOR

LEGEND

- EXISTING TRENCH OR UTILITIES
- PROPOSED TRENCH (DISTRIBUTION)
- PROPOSED TRENCH (SERVICE)
- PROPOSED STREET LIGHT TRENCH
- EXISTING UTILITY SPLICE BOX
- GAS E.T.S. BOX (N.T.S.)
- GAS CURB VALVE (N.T.S.)
- 17"x30"x18" PG&E SPLICE BOX
- 24"x36"x26" PG&E SPLICE BOX
- 3'x5'x3'6" PG&E SPLICE BOX
- 4'x6'x5' PG&E BOX
- 4'6"x8'6"x6' PG&E SPLICE BOX
- 4'x6'x5' PG&E TRANSFORMER
- 4'6"x8'6"x7'6" PG&E UCD TRANSFORMER
- 4'6"x8'6"x6' PG&E DUPLEX TRANSFORMER
- 20"x42"x34" TELEPHONE SPLICE BOX
- 30"x48"x34" TELEPHONE SPLICE BOX
- 30"x60"x24" W/ 8" EXTENSION TELEPHONE SPLICE BOX
- 24"x36" WAVE BROADBAND PEDESTAL
- 24"x36" WAVE BROADBAND BOX
- 20"x42"x12" W/ 8" EXTENSION CABLECOM BOX (B44)
- 30"x60"x14" W/ 10" EXTENSION CABLECOM BOX (N52)
- 40"x40" FIBER OPTIC SPLICE BOX
- STREET LIGHT (SFO STD LS102)
- PEDESTRIAN LIGHT (SFO STD LP170)
- STREET LIGHT BOX (STATE TYPE 3 1/2)
- EXISTING STREET LIGHT
- EXISTING UTILITY POLE
- EXISTING UTILITY POLE GUY ANCHOR
- PG&E SKETCH LOCATION NUMBER
- FULL VEHICULAR TRAFFIC LID
- NOT TO SCALE
- DTIS FIBER PULL STATION

REVISIONS	DESCRIPTION	DATE

GIACALONE
DESIGN SERVICES, INC.

5200 STONERIDGE MALL RD., #545 | PLEASANTON, CA 94588
888-677-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH COMPOSITE PLAN

BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON

DRAWN BY:
RSG/MB

CHECKED BY:
BDF/MB

SCALE:
1"=20'

JOB NUMBER:
15-198

DATE LAST MODIFIED:
06-06-18

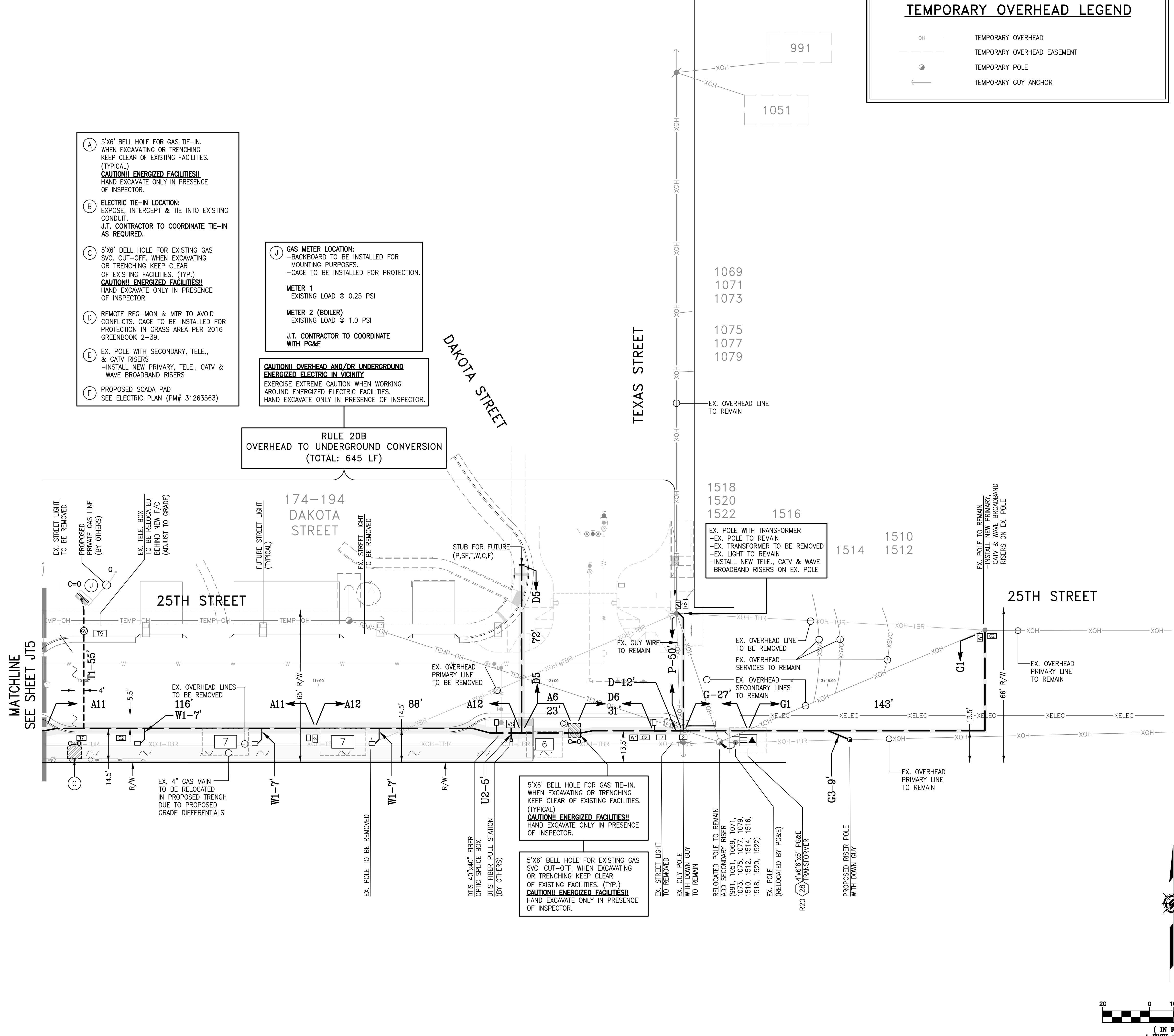
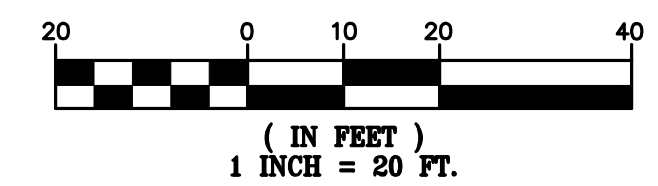
SHEET
JT4
OF 6 SHEETS

AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* DATE 10-15-19
DAVID SCOT CROWFOOT
NAME RCE# E11965
EXP. DATE 09/30/21

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
811
CALL BEFORE YOU DIG



(A) 5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(B) ELECTRIC TIE-IN LOCATION: EXPOSE, INTERCEPT & TIE INTO EXISTING CONDUIT.
J.T. CONTRACTOR TO COORDINATE TIE-IN AS REQUIRED.

(C) 5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

(D) REMOTE REG-MON & MTR TO AVOID CONFLICTS. CAGE TO BE INSTALLED FOR PROTECTION IN GRASS AREA PER 2016 GREENBOOK 2-39.

(E) EX. POLE WITH SECONDARY, TELE., & CATV RISERS
-INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS

(F) PROPOSED SCADA PAD
SEE ELECTRIC PLAN (PM# 31263563)

(J) GAS METER LOCATION:
-BACKBOARD TO BE INSTALLED FOR MOUNTING PURPOSES.
-CAGE TO BE INSTALLED FOR PROTECTION.

METER 1
EXISTING LOAD @ 0.25 PSI

METER 2 (BOILER)
EXISTING LOAD @ 1.0 PSI

J.T. CONTRACTOR TO COORDINATE WITH PG&E

CAUTION! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY

EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES.
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

RULE 20B
OVERHEAD TO UNDERGROUND CONVERSION
(TOTAL: 645 LF)

EX. POLE WITH TRANSFORMER
-EX. POLE TO REMAIN
-EX. TRANSFORMER TO BE REMOVED
-EX. LIGHT TO REMAIN
-INSTALL NEW TELE., CATV & WAVE BROADBAND RISERS ON EX. POLE

5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

MATCHLINE SEE SHEET JTS

1072-1090
CONNECTICUT STREET

CONNECTICUT STREET

(H) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1 (STOVE)
EXISTING LOAD @ 1.0 PSI
METER 2 (APPLIANCE)
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

(I) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
METER 1
EXISTING LOAD @ 0.25 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 645 LF)

TEMPORARY OVERHEAD LEGEND

- OH — TEMPORARY OVERHEAD
- - - - TEMPORARY OVERHEAD EASEMENT
- TEMPORARY POLE
- ← TEMPORARY GUY ANCHOR

CAUTION! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES. HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

LEGEND

- X-T — EXISTING TRENCH OR UTILITIES
- - - - PROPOSED TRENCH (DISTRIBUTION)
- - - - PROPOSED TRENCH (SERVICE)
- . - . PROPOSED STREET LIGHT TRENCH
- EXISTING UTILITY SPLICE BOX
- ⊙ GAS E.T.S. BOX (N.T.S.)
- ⊙ GAS CURB VALVE (N.T.S.)
- ⊙ 17"x30"x18" PG&E SPLICE BOX
- ⊙ 24"x36"x26" PG&E SPLICE BOX
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- ⊙ 4"x6"x5" PG&E BOX
- ⊙ 4"x8"x6"x6" PG&E SPLICE BOX
- ⊙ 4"x6"x5" PG&E TRANSFORMER
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- ⊙ 4"x8"x6"x6" PG&E DUPLEX TRANSFORMER
- ⊙ 20"x42"x34" TELEPHONE SPLICE BOX
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- ⊙ 24"x36" WAVE BROADBAND BOX
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- ⊙ 40"x40" FIBER OPTIC SPLICE BOX
- ⊙ STREET LIGHT (SFO STD LS102)
- ⊙ PEDESTRIAN LIGHT (SFO STD LP170)
- ⊙ STREET LIGHT BOX (STATE TYPE 3 1/2)
- ⊙ EXISTING STREET LIGHT
- ⊙ EXISTING UTILITY POLE
- ⊙ EXISTING UTILITY POLE GUY ANCHOR
- ⊙ PG&E SKETCH LOCATION NUMBER
- ⊙ FULL VEHICULAR TRAFFIC LID
- (N.T.S.) NOT TO SCALE
- ⊙ DTIS FIBER PULL STATION

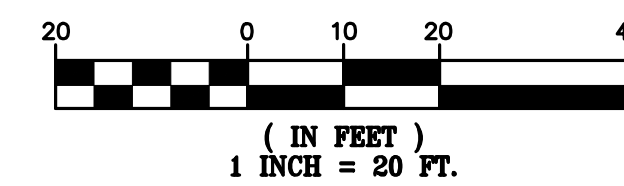
RULE 20B LEGEND

- XOH — EXISTING OVERHEAD - TO REMAIN
- — — — EXISTING OVERHEAD - TO BE REMOVED
- PROPOSED NEW RISER POLE
- EXISTING UTILITY POLE - TO REMAIN
- EXISTING UTILITY POLE - TO BE REMOVED
- ← PROPOSED NEW GUY ANCHOR
- ← EXISTING UTILITY POLE GUY ANCHOR - TO REMAIN
- ← EXISTING UTILITY POLE GUY ANCHOR - TO BE REMOVED

AS-BUILT RECORD DRAWINGS

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SIGNATURE *David Crowfoot* 10-15-19 DATE
DAVID SCOT CROWFOOT
NAME RCE# E11965
EXP. DATE 09/30/21

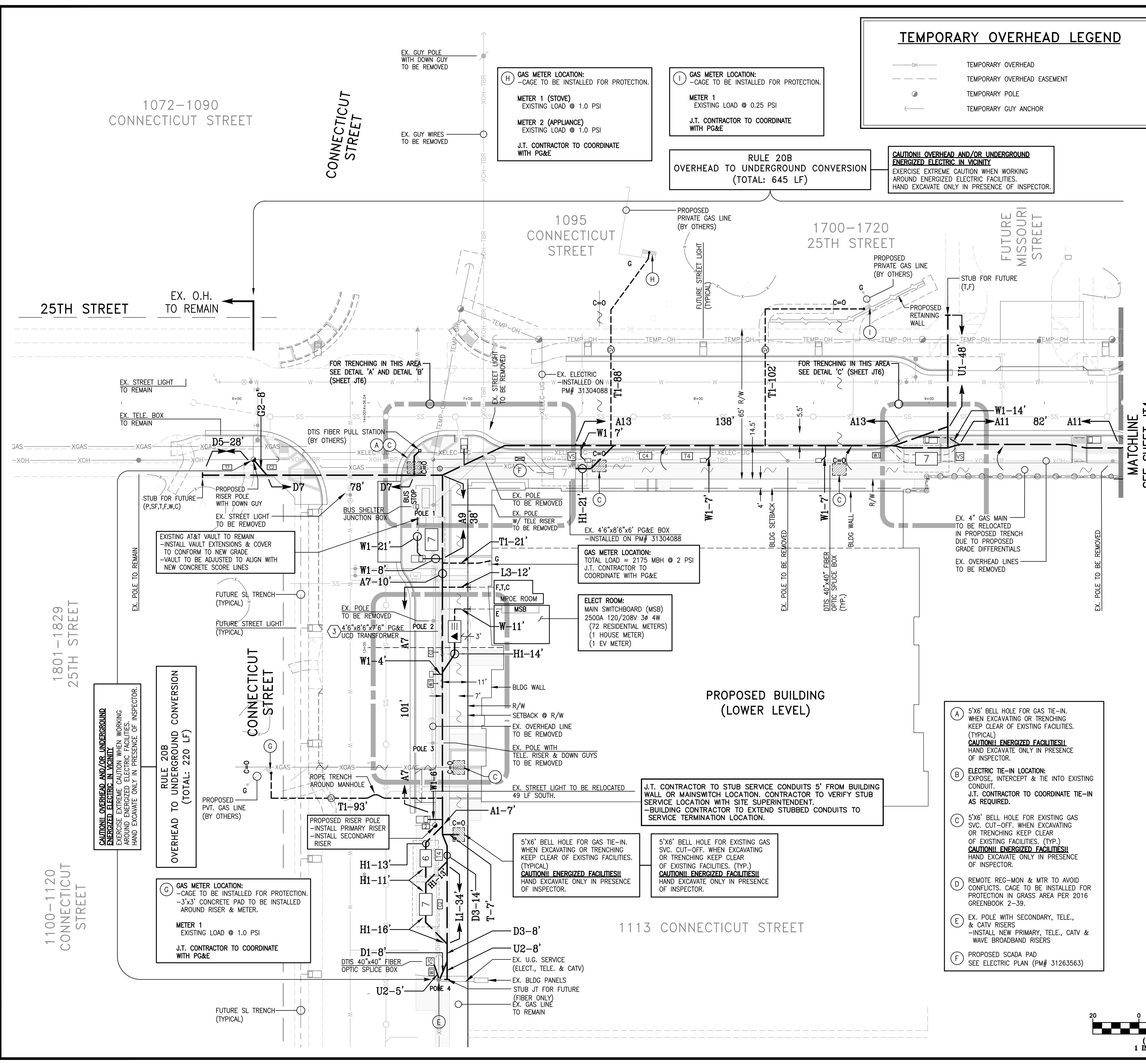


REVISIONS	DESCRIPTION	SYMBOL	DATE

GIACALONE
DESIGN SERVICES, INC.
5200 STONERIDGE MALL, SUITE 110, SAN FRANCISCO, CA 94688
415.441.1740 | WWW.GIACALONE.COM

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON
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CHECKED BY:
BDF/MB
SCALE:
1"=20'
JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT5
OF 6 SHEETS



RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 220 LF)

(G) GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
-3'x3' CONCRETE PAD TO BE INSTALLED AROUND RISER & METER.
METER 1
EXISTING LOAD @ 1.0 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

5'x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION! ENERGIZED FACILITIES!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

J.T. CONTRACTOR TO STUB SERVICE CONDUITS 5' FROM BUILDING WALL OR MAINSWITCH LOCATION. CONTRACTOR TO VERIFY STUB SERVICE LOCATION WITH SITE SUPERINTENDENT.
-BUILDING CONTRACTOR TO EXTEND STUBBED CONDUITS TO SERVICE TERMINATION LOCATION.

ELECT ROOM:
MAIN SWITCHBOARD (MSB)
2500A 120/208V 3Ø 4W
(72 RESIDENTIAL METERS)
(1 HOUSE METER)
(1 EV METER)

GAS METER LOCATION:
TOTAL LOAD = 2175 MBH @ 2 PSI
J.T. CONTRACTOR TO COORDINATE WITH PG&E

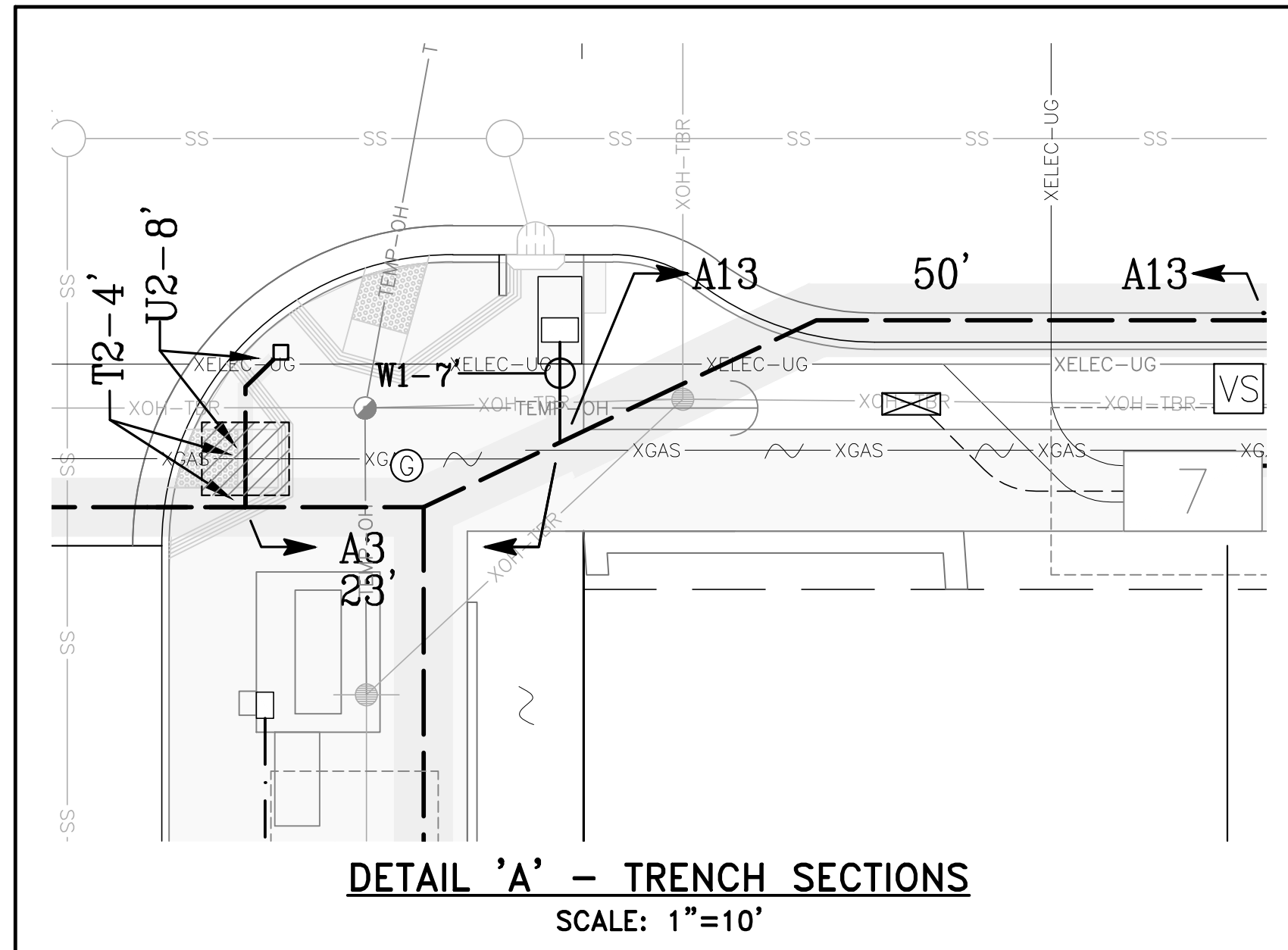
EX. 4'x8'x6'x6" PG&E BOX -INSTALLED ON PM# 31304088

EXISTING AT&T VAULT TO REMAIN -INSTALL VAULT EXTENSIONS & COVER TO CONFORM TO NEW GRADE -VAULT TO BE ADJUSTED TO ALIGN WITH NEW CONCRETE SCORE LINES

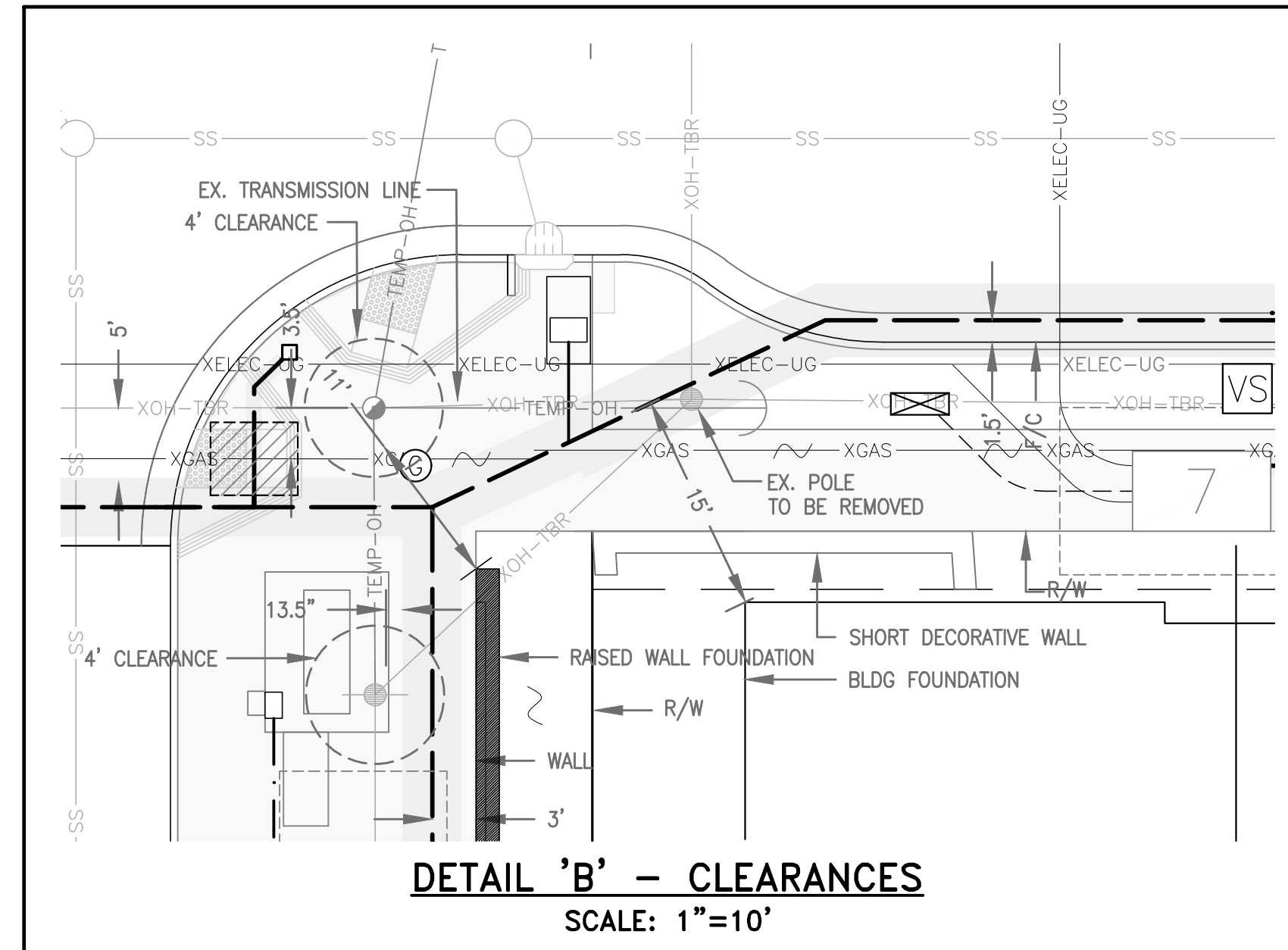
CAUTION! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
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- (A)** 5'x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
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- (E)** EX. POLE WITH SECONDARY, TELE., & CATV RISERS -INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS
- (F)** PROPOSED SCADA PAD SEE ELECTRIC PLAN (PM# 31263563)

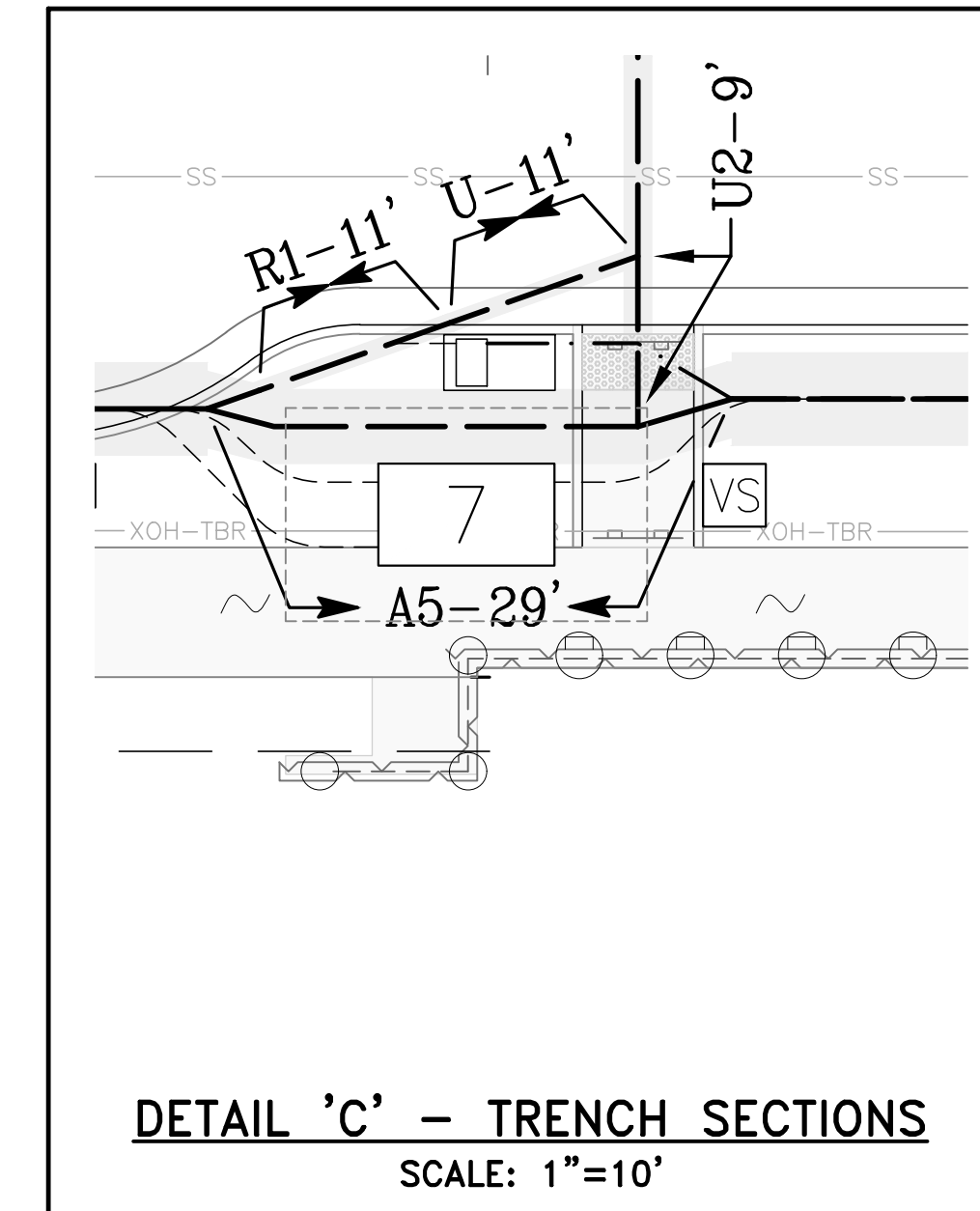
DETAIL SHEET



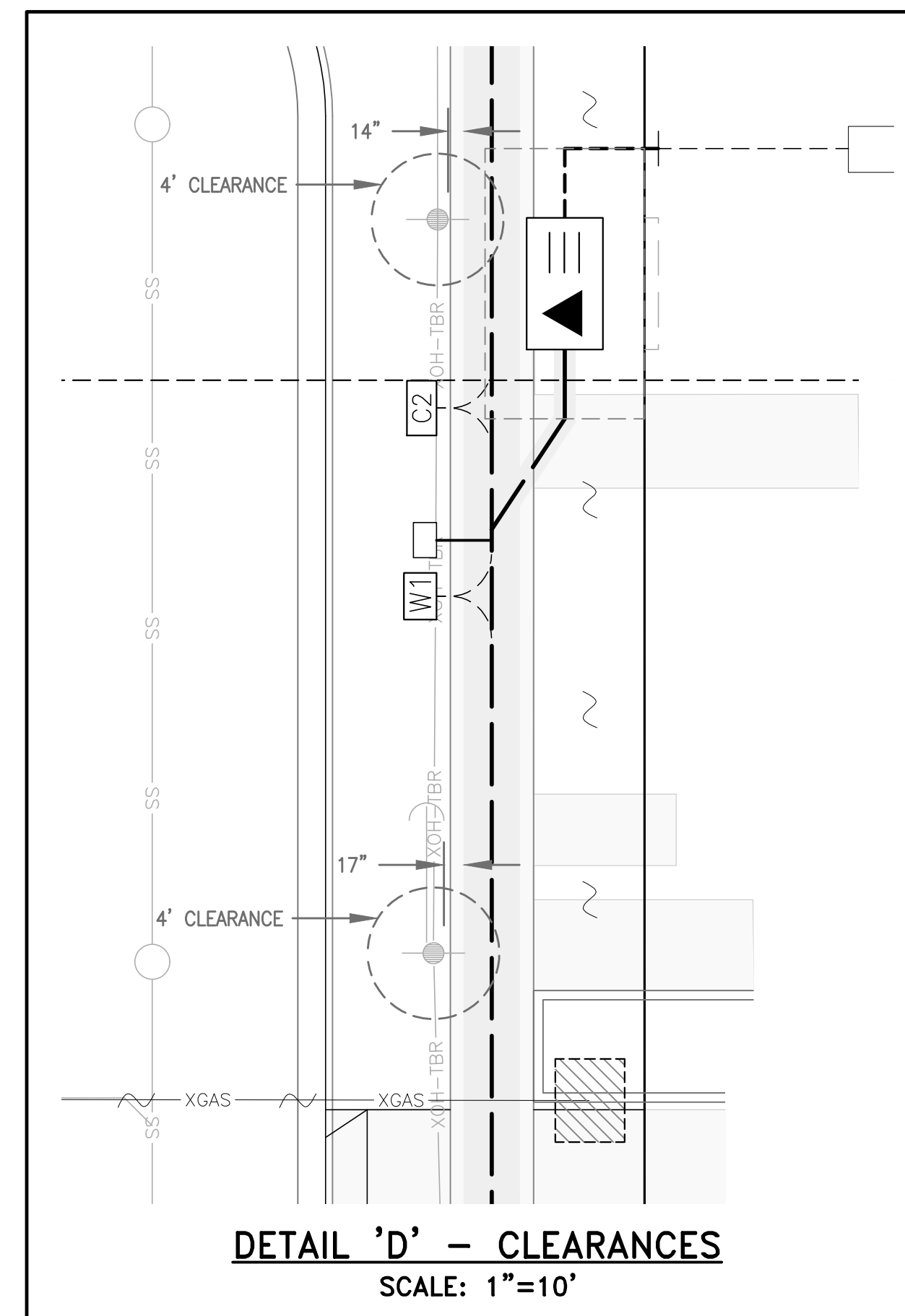
DETAIL 'A' - TRENCH SECTIONS
SCALE: 1"=10'



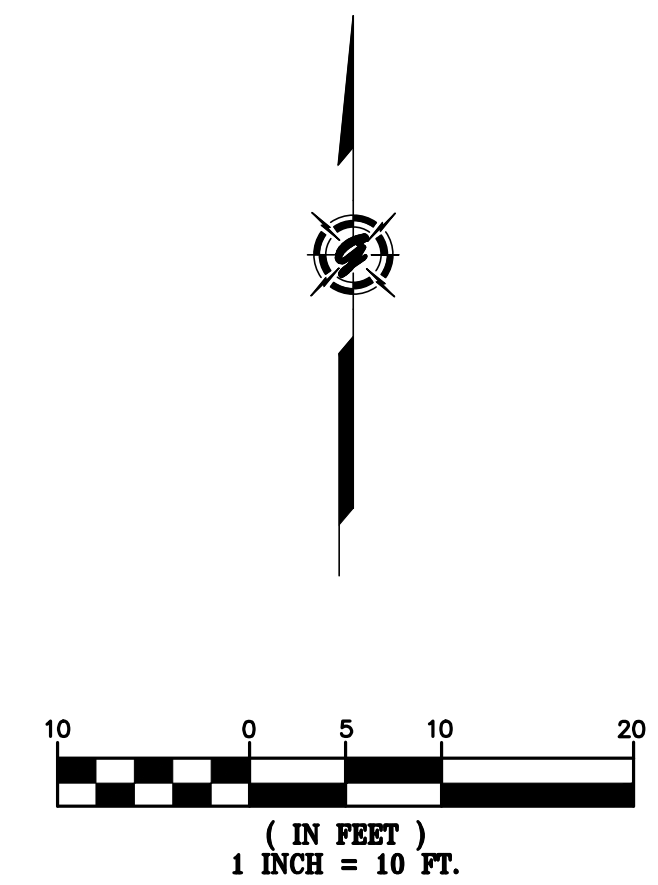
DETAIL 'B' - CLEARANCES
SCALE: 1"=10'



DETAIL 'C' - TRENCH SECTIONS
SCALE: 1"=10'



DETAIL 'D' - CLEARANCES
SCALE: 1"=10'



AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* 10-15-19
DAVID SCOT CROWFOOT DATE
NAME RCE# E11965
EXP. DATE 09/30/21



SYMBOL	DATE	DESCRIPTION	APPROVED

GIACALONE
DESIGN SERVICES, INC.
5200 STONERIDGE MALL, SUITE 110
SAN FRANCISCO, CA 94688
415.774.1740 | WWW.GIACALONEDESIGN.COM

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON
DRAWN BY:
RSG/MB
CHECKED BY:
BDF/MB
SCALE:
1"=10'
JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT6
OF 6 SHEETS

Bill of Sale

For good and valuable consideration of \$0.00, BRIDGE-Potrero Community Associates LLC, a California Limited Liability Corporation ("Seller"), does hereby sell, transfer and convey to Wave Division Holdings, LLC ("Buyer"), title to those portions of the facilities which are the identified as Buyer's facilities on the "as built" drawings attached hereto as Schedule 1 ("Personal Property"), subject to the terms and provisions hereof.

Seller has executed this Bill of Sale and bargained, sold, transferred, conveyed and assigned the Personal Property and Buyer has accepted this Bill of Sale and is purchasing the Personal Property: **AS IS AND WHEREEVER LOCATED, WITH ALL FAULTS AND WITHOUT ANY REPRESENTATIONS OR WARRANTIES OF WHATSOEVER NATURE, EXPRESS, IMPLIED OR STATUTORY, EXCEPT AS EXPRESSLY SET FORTH HEREIN BELOW, IT BEING THE INTENTION OF THE SELLER AND BUYER TO EXPRESSLY NEGATE AND EXCLUDE ALL WARRANTIES WHATSOEVER, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.**

Seller hereby assigns all warranties and guaranties relating to the construction of the Personal Property that were given by the independent contractor hired by Seller to construct the Personal Property. As used herein the term "**Correction Period**" shall mean one (1) year after "**Final Completion**" (as hereinafter defined). Seller shall, to Buyer's reasonable satisfaction, and provided that such work is not the subject of a warranty or guaranty assigned by Seller to Buyer, re-execute or otherwise remedy any defects in the Personal Property due to faulty workmanship that become apparent during the Correction Period. As used herein, the term "**Final Completion**" shall mean May 27, 2021.

Dated this 22nd day of April, 2022.
Signatures on following page.

SELLER

BRIDGE-Potrero Community Associates LLC
a California limited liability corporation
By: BRIDGE Housing Corporation, INC.,
a California nonprofit public benefit
corporation,

Signed by:


Marie Debor - Vice President

SCHEDULE 1

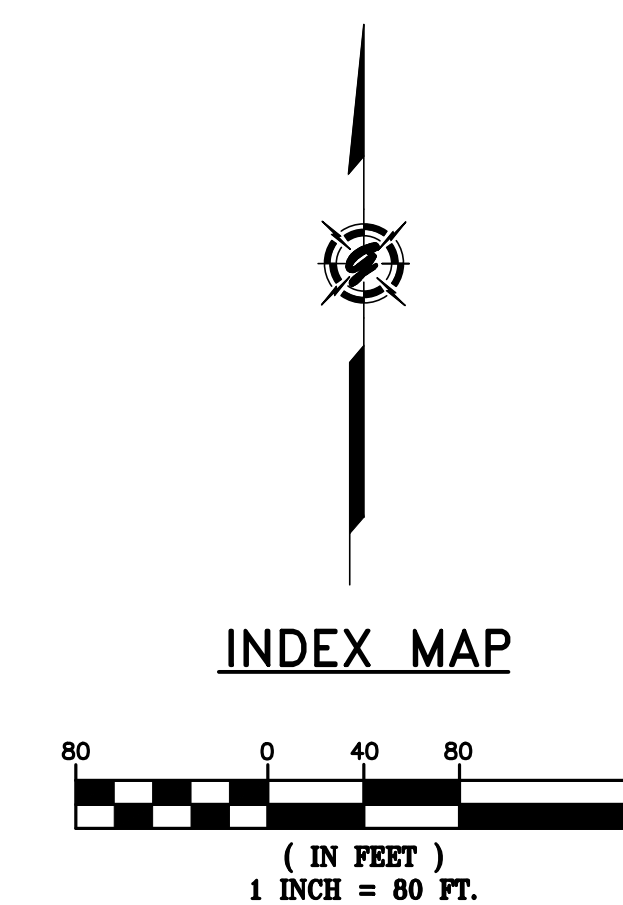
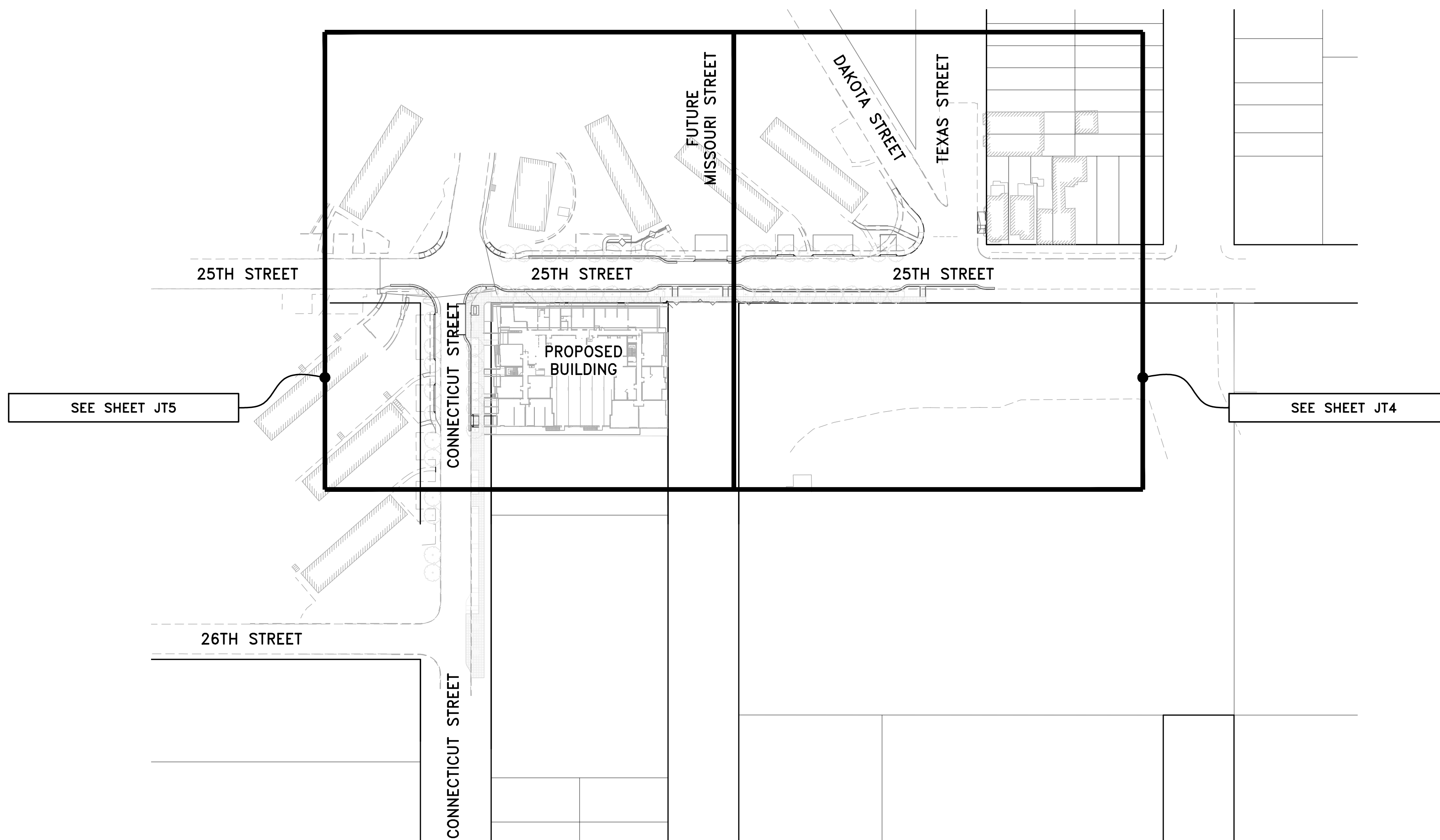
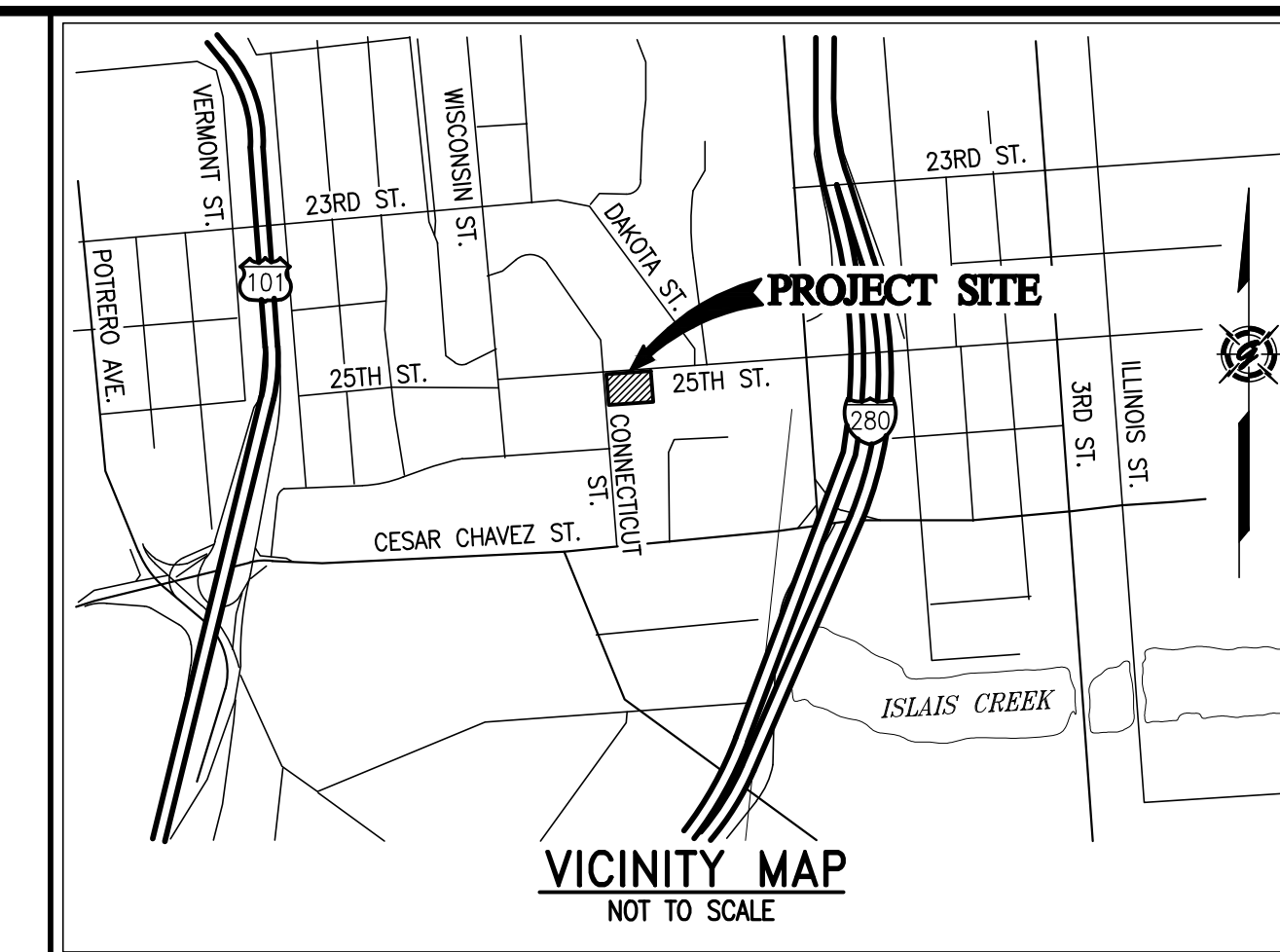
As Built Plans entitled:

Potrero Phase 1 Joint Trench Plans

Sheets JT-1 through JT-6

Prepared by: Giacalone Design Services

BRIDGE HOUSING POTRERO - PHASE 1 25TH STREET & CONNECTICUT STREET SAN FRANCISCO, CALIFORNIA



AS-BUILT RECORD DRAWINGS

CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Scot Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

SYMBOL	DATE	APPROVED

GIACALONE
DESIGN SERVICES, INC.

5200 STONERIDGE MALL, SUITE #545 | PLEASANTON, CA 94588
925.467.1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH COMPOSITE TITLE SHEET
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON

DRAWN BY:
RSG/MB

CHECKED BY:
BDF/MB

SCALE:
1"=80'

JOB NUMBER:
15-198

DATE LAST MODIFIED:
06-06-18

SHEET
JT1

OF 6 SHEETS

PROJECT TEAM CONTACTS		
COMPANY:	CONTACT:	PHONE:
BRIDGE HOUSING	LEO LOZANO	510-628-0918
CARLILE MACY	MARK HALE	707-542-6451
VAN METER WILLIAMS POLLACK, LLC	ELITSA SHEPHERD	415-974-5352
GLS LANDSCAPE ARCHITECT	JUSTIN FRODESEN	415-285-3614
PG&E - SAN FRANCISCO	MARK JACKANICH	415-695-3681
AT&T - SAN FRANCISCO	RICHARD OW	415-694-1752
CABLECOM, LLC - SAN FRANCISCO	TIM WILSON	650-468-6115
WAVE BROADBAND	AQUILES ARANDA	415-516-5652
DTIS-PUBLIC SAFETY	MIKE DENNING	415-550-2718
GIACALONE DESIGN SERVICES, INC.	BRETT FULLINGTON	925-467-1740

PG&E PM NO.	LATEST FILES RECEIVED			
	DESCRIPTION:	BY:	DATE:	STATUS:
ELECTRIC:				
RULE 15:	31280182	GDSI	07-11-17/08-09-17	ANS/ANS
RULE 20:	31263563	GDSI	01-15-18/05-07-18	A/6TH
RELOC:	31304088	AT&T	02-08-18	INTENT REPLY
WRO:	31280897	CABLECOM	11-08-17	INTENT REPLY
GAS:		WAVE BROADBAND	11-08-17	INTENT REPLY
RULE 15:	31280260	GDSI	02-08-18	-
RELOC:	31262253	CARLILE MACY	05-15-18	-

A=Approved • ANS=Approved Not Signed • NA=Not Approved • F=First Submittal • SS=Second Submittal

PROJECT DESCRIPTION & SCOPE
<ul style="list-style-type: none"> NEW SERVICE TO (1) BUILDING CONSISTING OF (72) UNITS 645± LF OF O.H. TO U.G. CONVERSION ALONG 25TH STREET 220± LF OF O.H. TO U.G. CONVERSION ALONG CONNECTICUT STREET 530± OF GAS MAIN RELO. DUE TO GRADE CHANGE ON 25TH STREET 155± OF GAS MAIN RELO. ON CONNECTICUT STREET

SHEET INDEX	
SHEET	DESCRIPTION
JT1	JOINT TRENCH COMPOSITE TITLE SHEET
JT2-JT3	JOINT TRENCH GENERAL NOTES, SECTIONS & DETAILS
JT4-JT5	JOINT TRENCH COMPOSITE PLAN
JT6	JOINT TRENCH DETAILS
SL1-SL4	STREET LIGHTING SITE PLAN
G1-G2	PG&E GAS CONSTRUCTION DRAWINGS (R15)
G1-G3	PG&E GAS CONSTRUCTION DRAWINGS (RELOC)
E1	PG&E ELECTRIC CONSTRUCTION SKETCH (R15)
E1-E5	PG&E ELECTRIC CONSTRUCTION SKETCH (R20)

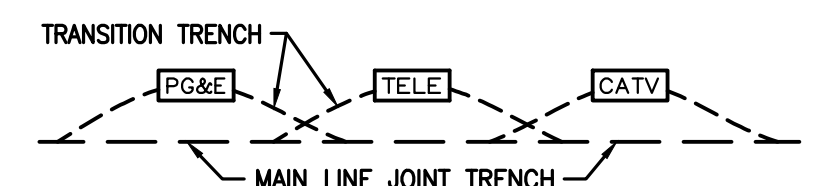
LABOR & CONSTRUCTION RESPONSIBILITY

SPURV. ELECTRIC
PG&E ELECTRIC
PG&E GAS
TELEPHONE
CATV
DTIS
FIBER
CONTRACTOR

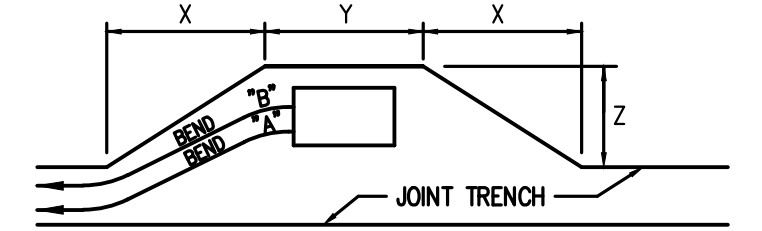
- 1. **TRENCHING:**
EXCAVATE, BACKFILL AND COMPACT
- 2. **GAS MATERIAL:**
SUPPLY
INSTALL
- 3. **ELECTRIC CABLE:**
SUPPLY
INSTALL
- 4. **ELECTRIC CONDUIT:**
SUPPLY
INSTALL
- 5. **ELECTRIC SPLICE BOXES:**
EXCAVATE
SUPPLY
INSTALL
- 6. **ELECTRIC TFM. ENCLS:**
EXCAVATE
SUPPLY
INSTALL
- 7. **ELECTRIC EQUIP. ENCLS.:**
EXCAVATE
SUPPLY
INSTALL
- 8. **ELECTRIC TRANS. PADS:**
GRADE
SUPPLY
INSTALL
- 9. **ELECTRIC SWITCH PADS:**
GRADE
SUPPLY
INSTALL
- 10. **TELE. CONDUIT: (TYPE C WHT. W/AT&T LOGO)**
SUPPLY
INSTALL
- 11. **TELEPHONE CABLE:**
SUPPLY
INSTALL
- 12. **TELEPHONE SPLICE BOXES:**
EXCAVATE
SUPPLY
INSTALL
- 13. **TELEPHONE INTER PADS:**
GRADE
SUPPLY
INSTALL
- 14. **CATV CONDUITS: (COMCAST)**
SUPPLY
INSTALL
- 15. **CATV SPLICE BOXES: (COMCAST)**
EXCAVATE
SUPPLY
INSTALL
- 16. **CATV CONDUITS (SCH. 40): (WAVE)**
SUPPLY
INSTALL
- 17. **CATV SPLICE BOXES: (WAVE)**
EXCAVATE
SUPPLY
INSTALL
- 18. **FIBER CONDUITS (SCH. 80): (DTIS)**
SUPPLY
INSTALL
- 19. **FIBER SPLICE BOXES: (DTIS)**
EXCAVATE
SUPPLY
INSTALL
- 20. **STREET LIGHTING:**
EXCAVATE
SUPPLY
INSTALL

THE ● ABOVE DESIGNATES THE WORK TO BE PERFORMED BY THE CONTRACTOR AND EACH UTILITY COMPANY.

JOINT TRENCH TRANSITION



- CONTRACTOR TO EXCAVATE TRANSITIONS FROM MAIN-LINE TRENCH TO VAULTS AS REQUIRED BY EACH UTILITY.
- TRANSITIONS NOT SHOWN ON COMPOSITE DRAWING FOR CLARITY.
- CONTRACTOR TO INCLUDE COST OF TRANSITIONS IN VAULT EXCAVATION COST.

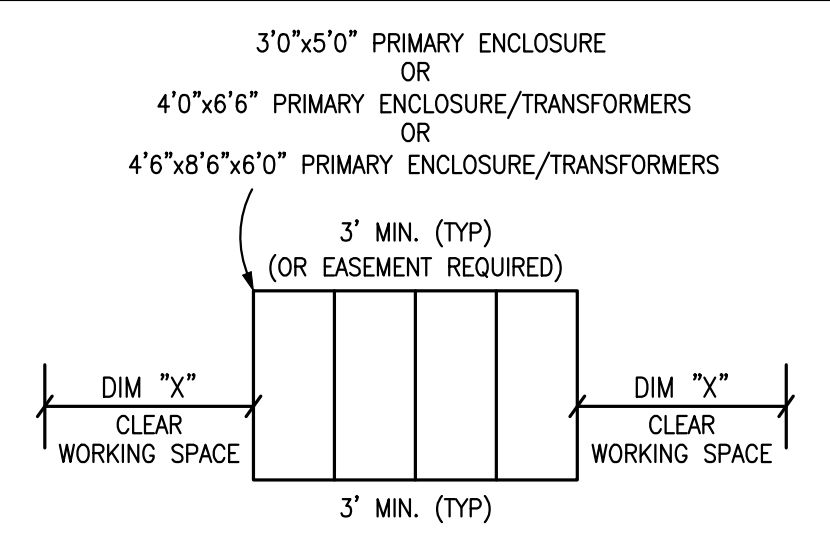


PRIMARY BOX SIZE	DISTANCE	WHEN CONDUIT ENTERS BOX ● "A"		
		"X"	"Y"	"Z"
3'x5'	24'	7'	5'	
4'6"x8'6"	24'	11'	7'	

PRIMARY BOX SIZE	DISTANCE	WHEN CONDUIT ENTERS BOX ● "B"		
		"X"	"Y"	"Z"
3'x5'	32'	7'	5'	
4'6"x8'6"	32'	11'	7'	

TYPICAL PRIMARY BOX EXCAVATION USING A CONDUIT SYSTEM
NOT TO SCALE

PG&E PRIMARY ENCLOSURE CLEARANCES



DIM "X"
3' MIN. 3'0"x5'0" ENCLOSURES
4' MIN. 4'0"x6'6" ENCLOSURES
5' MIN. 4'6"x8'6"x6'0" ENCLOSURES
NOT TO SCALE

APPLICANT TO WATERPROOF ALL TRANSFORMER ENCLOSURES AND SEAL ELECTRIC CONDUITS ENTERING ENCLOSURE PER PG&E STANDARDS 072149 & 062288

JOINT TRENCH CONTRACTORS NOTES

- THE CONTRACTOR IS RESPONSIBLE TO HAVE ALL INSTALLATIONS INSPECTED AND APPROVED BY THE RESPECTIVE UTILITY COMPANY, MUNICIPALITY, OR SOILS ENGINEER PRIOR TO ANY BACK FILLING. (48 HOUR NOTICE)
- CONTRACTOR WILL COMPLY WITH ALL LAWS, ORDINANCES AND REGULATIONS. CONTRACTOR SHALL BE FAMILIAR WITH O.S.H.A. INDUSTRIAL ORDERS AND SHALL CONDUCT HIS WORK ACCORDINGLY. WHEN WORKING AROUND ENERGIZED EQUIPMENT, THE UTILITY OWNER SHALL BE NOTIFIED TO SUPPLY THE APPROPRIATE MAN POWER AND SAFETY PRECAUTIONS AS NEEDED THE CONTRACTOR IS RESPONSIBLE FOR PUBLIC SAFETY AND TRAFFIC CONTROL MEASURES.
- THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POINTS OF ACCESS THAT ARE AGREEABLE TO ADJACENT LAND USES AND TENANTS AT ALL TIMES.
- THE CONTRACTOR TO BE AWARE THAT THE LOCATION OF EXISTING UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE BASED UPON RECORD DATA MADE AVAILABLE BY PG&E, TELEPHONE, CATV, IMPROVEMENT PLANS AND CITY RECORDS. GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE INFORMATION SHOWN. THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE PRECISE LOCATION OF ALL UNDERGROUND FACILITIES. CONTRACTOR SHALL NOTIFY UNDERGROUND SERVICE ALERT (USA) (811) AT LEAST 48 HOURS (2 WORKING DAYS) PRIOR TO START OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF CONSTRUCTION WITH THE RESPECTIVE UTILITY AGENCIES, ALLOWING 48 HOURS PRIOR TO THE NEED FOR INSTALLATIONS.
- THE CONTRACTOR SHALL NOTIFY DEVELOPER 48 HOURS PRIOR TO THE NEED FOR SURVEY STAKING. THE CONTRACTOR IS RESPONSIBLE FOR THE PRESERVATION OF ALL CONSTRUCTION STAKING SET BY THE DEVELOPERS SURVEYORS AND WILL BE BACK CHARGED FOR ANY RE-STAKING THAT IS REQUIRED.
- THE CONTRACTOR IS RESPONSIBLE TO PROTECT IN PLACE ALL EXISTING FACILITIES. EXCAVATION MAY BE REQUIRED OVER, UNDER OR ADJACENT TO EXISTING UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE TO LOCATE, EXPOSE AND PROTECT ALL EXISTING FACILITIES. THE CONTRACTOR IS RESPONSIBLE TO BID THE WORK BASED ON THE REVIEW OF THE IMPROVEMENT PLANS IN CONJUNCTION WITH THESE PLANS.
- IT'S THE CONTRACTOR/DEVELOPER RESPONSIBILITY TO MAKE SURE THAT THE MOST CURRENT SET OF PLANS ARE BEING USED. CALL GIACALONE DESIGN SERVICES, INC. (925) 467-1740 TO VERIFY.
- THE CONTRACTOR SHALL COORDINATE ALL TIE-INS WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR SHALL PROVIDE TIE-IN HOLE TO 12" BELOW EXISTING GAS MAIN FOR PG&E GAS TIE-IN(S) UNLESS OTHERWISE NOTED ON PLANS.
- JOINT TRENCH FACILITIES SHALL MAINTAIN A MINIMUM OF 3' HORIZONTAL CLEARANCE FROM EDGE OF JOINT TRENCH TO EDGE OF "WET" UTILITIES WITH A MINIMUM 6" VERTICAL CLEARANCE WHEN CROSSING (U.O.N). THE CONTRACTOR SHALL REFER TO PG&E UO STANDARD S5453 FOR ADDITIONAL INFORMATION.
- TRANSITION TRENCH FOR VAULTS/PEDESTALS NOT SHOWN FOR CLARITY. THE CONTRACTOR SHALL PROVIDE INCIDENTAL TRENCHING AS REQUIRED FOR CONDUIT/CABLE ROUTING INTO VAULTS/PEDESTALS. CONTRACTOR SHALL INCLUDE COST OF TRANSITION TRENCH IN VAULT/PEDESTAL EXCAVATION COST.
- THE CONTRACTOR SHALL OFFSET VAULTS/PEDESTALS AS REQUIRED FOR CONDUIT/CABLE ROUTING.
- THE CONTRACTOR SHALL FIELD ADJUST VAULTS/PEDESTALS AS REQUIRED TO AVOID CONFLICTS WITH DRIVEWAYS, SIDEWALKS, HANDICAP RAMPS, FIRE HYDRANTS, WATER & SEWER LATERALS, ETC.
- SERVICE LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THEIR EXACT LOCATIONS PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL FIELD ADJUST SERVICE STUB AND CROSSING LOCATIONS AS REQUIRED TO AVOID CONFLICTS WITH OTHER FACILITIES.
- SERVICE COMPLETION TRENCHES SHALL BE INSTALLED AFTER CURB AND GUTTER, UNLESS DIRECTED OTHERWISE. THE CONTRACTOR SHALL COORDINATE ADDITIONAL MOVE-INS AS NECESSARY TO COMPLETE THE SERVICES TO EACH INDIVIDUAL UNIT WITH THE DEVELOPER, UTILITY COMPANIES & ALL INVOLVED AGENCIES. THE COST OF THESE MOVE-INS SHALL BE INCLUDED IN THE CONTRACTORS UNIT BID PRICE FOR TRENCHING.
- EDGE OF SPLICE BOXES & PEDESTALS SHALL BE 5' FROM EDGE OF F.H. AND 3' FROM STREET LIGHT (TYP.) CONTRACTOR TO AVOID DISTURBING F.H. THRUST BLOCK.
- THE CONTRACTOR SHALL PERFORM ALL TRENCHING, EXCAVATING, BACKFILLING, INSTALLATION AND ALL OTHER WORK AS SHOWN OR NOTED ON THESE PLANS & SPECIFICATIONS.
- ALL TRENCHES, BOXES AND CONDUIT LAYOUTS IN THIS PLAN SET ARE SHOWN SCHEMATICALLY. THE CONTRACTOR SHALL INSTALL ALL UTILITY VAULTS, PADS, CONDUITS, ETC. IN PROPER RELATION TO FINAL GRADE. VERIFY ALL SUBSTRUCTURE EXCAVATION DIMENSIONS WITH SUPPLIERS PRIOR TO EXCAVATING.
- ALL JOINT TRENCH CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE CURRENT STANDARD PRACTICES AND SPECIFICATIONS OF EACH PARTICIPATING UTILITY COMPANY AND CONFORM TO THE CURRENTLY ADOPTED EDITIONS OF THE STANDARD PLANS AND SPECIFICATIONS OF THE CITY OR COUNTY INVOLVED.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO COMMENCING WORK.
- THE BOTTOM OF ALL TRENCHES SHALL BE CLEARED OF ROCKS AND ALL OTHER HARD SURFACE MATERIAL. A SAND BEDDING OF AT LEAST 2" (TWO INCHES) SHALL BE PROVIDED ON WHICH THE UTILITIES WILL BE PLACED. (MAY NOT BE REQUIRED IN NATIVE SAND AREAS, CONSULT WITH LOCAL AGENCIES).
- THE CONTRACTOR SHALL NOTIFY GIACALONE DESIGN SERVICES, INC. OF ANY DIFFERENCES IN THE ACTUAL LOCATION OF EXISTING FACILITIES FROM THAT SHOWN IN THESE PLANS, OR ANY OTHER CONFLICTS WITH THE DESIGN, PRIOR TO CONTINUING WORK IN THAT AREA. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT FIRST NOTIFYING GIACALONE DESIGN SERVICES, INC.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR ANY DIFFERENCES BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS. THE CONTRACTOR SHOULD VISIT THE PROJECT SITE PRIOR TO SUBMITTING BID.
- THE CONTRACTOR SHALL COORDINATE ALL CONNECTIONS BETWEEN EXISTING AND PROPOSED FACILITIES WITH THE RESPECTIVE UTILITY INSPECTOR. ALL EXISTING CONDUIT TO BE USED SHALL BE MANHOLE TESTED AND PROVED PRIOR TO MAKING CONNECTION AS DIRECTED BY THE GOVERNING INSPECTOR. UTILITY COMPANIES SHALL MAKE ALL "HOT" TIE-INS AND CONNECTIONS. THE CONTRACTOR SHALL NOT ENTER OR WORK ON ANY ENERGIZED FACILITIES UNLESS DIRECTED BY THE UTILITY INSPECTOR. THIS COST SHALL BE INCLUDED IN CONTRACTOR BID.
- THE CONTRACTOR IS REQUIRED TO EXCAVATE "BELL HOLES" AT THE TIE-IN LOCATIONS AS REQUIRED BY THE UTILITY COMPANIES.
- TRENCHING AND/OR SUBSTRUCTURE EXCAVATIONS MAY TAKE PLACE OVER, UNDER, OR ADJACENT TO OTHER UNDERGROUND FACILITIES (STORM, SEWER, WATER, ETC.). THE CONTRACTOR IS RESPONSIBLE TO LOCATE, EXPOSE AND PROTECT IN PLACE ALL EXISTING FACILITIES. THIS WORK SHALL NOT BE CONSIDERED AS EXTRA WORK. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW ALL IMPROVEMENT AND GRADING PLANS, IN CONJUNCTION WITH THESE PLANS, AND BID HIS WORK ACCORDINGLY.
- THE RESPECTIVE UTILITY INSPECTOR WILL DETERMINE IN THE FIELD IF RETAINING WALLS WILL BE NEEDED TO MEET THE MINIMUM CLEARANCE REQUIREMENTS. REFER TO THE PG&E "GREEN BOOK" STANDARD DRAWING 051122 FOR APPROVED RETAINING WALL REQUIREMENTS. RETAINING WALLS ARE THE DEVELOPERS RESPONSIBILITY AND ARE NOT INCLUDED IN THIS CONTRACT.
- THE CONTRACTOR SHALL "RED-LINE" (1) ONE SET OF THE JOINT TRENCH COMPOSITE PLANS AND (2) TWO SETS OF THE GAS AND ELECTRIC PLANS WITH "AS-BUILT" INFORMATION AND GIVE TO THE DEVELOPER PRIOR TO SPLICING OF THE PRIMARY ELECTRIC SYSTEM.
- CONTRACTOR TO VERIFY RIGHT OF WAY, PUBLIC UTILITY EASEMENT AND/OR PUBLIC SERVICE EASEMENT ACQUISITION WITH THE APPLICANT PRIOR TO CONSTRUCTION WITHIN AREAS OF QUESTION.
- SUBSTRUCTURES MUST HAVE 12" MINIMUM CLEARANCE FROM JOINT TRENCH.

GENERAL NOTES

- PG&E'S UO STANDARD S5453 TO BE UTILIZED FOR ALL TRENCHING, BACK-FILLING, AND INSTALLATION WORK.
- SHOULD A DISPUTE OR DISAGREEMENT OVER ANY INSTALLATION, DESIGN, PLAN, OR DRAWING OCCUR THE SPECIFICATIONS AND REQUIREMENTS OF THE INDIVIDUAL UTILITY COMPANY AND THEIR INSPECTOR SHALL TAKE PRECEDENCE.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE QUALITY, QUANTITY OR TIMING OF WORK BY CONTRACTOR, UTILITY COMPANY CONSTRUCTION CREWS OR OTHER SUBCONTRACTORS TO THE DEVELOPER.
- THE DRAWINGS AND SPECIFICATIONS SHALL BE CONSIDERED TO BE COMPLEMENTARY TO ONE ANOTHER. ANYTHING MENTIONED IN THE SPECIFICATIONS AND NOT SHOWN ON THE DRAWINGS, OR SHOWN ON THE DRAWINGS AND NOT MENTIONED IN THE SPECIFICATIONS SHALL BE CONSIDERED OF LIKE EFFECT AS IF APPEARING IN BOTH. CONTACT GIACALONE DESIGN SERVICES, INC. PRIOR TO START OF WORK OR SUBMITTAL OF BID IF A DISCREPANCY IS FOUND.
- CONSULT PARTICIPATING UTILITIES, SOILS ENGINEER, AND THE CITY FOR APPROVED BACK FILL MATERIAL. COMPACTION TO MEET LOCAL AGENCIES REQUIREMENTS.
- GIACALONE DESIGN SERVICES, INC. ASSUMES NO RESPONSIBILITY FOR THE PROJECT CONDITIONS. THE CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW THE PROJECT AND SITE PRIOR TO SUBMITTING HIS BID.
- ALL LENGTHS SHOWN ON THESE PLANS ARE ESTIMATES. FINAL QUANTITIES SHALL BE BASED ON WHAT WILL BE NEEDED TO COMPLETE THIS PROJECT. DUE TO CHANGES, ADDITIONS, DELETIONS OR OMISSIONS FINAL QUANTITIES MAY VARY.
- SHOULD A CONFLICT ARISE BETWEEN FACILITIES SHOWN ON THESE PLANS AND IMPROVEMENT PLANS FOR THIS PROJECT, THE IMPROVEMENT PLANS SHALL TAKE PRECEDENCE. CONTACT GIACALONE DESIGN SERVICES, INC. (925) 467-1740 IF A PROBLEM SHOULD OCCUR.
- ALL TRANSFORMERS AND TRANSFORMER PADS ARE TO BE INSTALLED PER PG&E SPECIFICATIONS. PROTECTIVE BOLLARDS ARE TO BE PLACED WHERE NEEDED AS DIRECTED BY UTILITY INSPECTOR.
- THE MINIMUM TRENCH WIDTHS AND DEPTHS SHOWN ARE BASED ON THE MINIMUM UTILITY COMPANY REQUIREMENTS FOR WIDTH, DEPTH AND SEPARATIONS. THE CONTRACTOR SHALL EXCAVATE FOR ADDITIONAL WIDTH OR DEPTH WHERE THE PROPOSED JOINT TRENCH FACILITIES APPROACH AND CROSS OTHER EXISTING UTILITY LINES (STORM DRAIN, SEWER, WATER, ETC.) TO ADEQUATELY CLEAR THESE FACILITIES. THE JOINT TRENCH FACILITIES MAY BE PLACED EITHER BELOW OR ABOVE THE EXISTING UTILITY LINES WITH AT LEAST 6" FREE CLEARANCE BETWEEN THE EXISTING UTILITY LINES BEING CROSSED, OR SUCH GREATER MINIMUM DISTANCE AS MAY BE REQUIRED BY THE LOCAL GOVERNMENTAL AGENCY OR OTHER PUBLIC REGULATORY AGENCY. (SEE MINIMUM COVER AND CLEARANCE TABLE)
- TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY. THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.
- RESPECTIVE UTILITY TO OBTAIN CITY OR COUNTY APPROVAL OF ALL ABOVE GROUND EQUIPMENT.
- ALL BOXES TO BE INSTALLED WITHIN THE R/W AND/OR PUE AREA.
- ANY QUESTIONS OR UNCERTAINTIES REGARDING REMOVAL AND/OR REPLACEMENT OF EXISTING HARDSCAPE OR LANDSCAPE SHALL BE COORDINATED WITH THE DEVELOPER AND/OR OTHER PARTIES/AGENCIES INVOLVED.
- A 3 FOOT CLEAR & LEVEL WORKING AREA MUST BE MAINTAINED AROUND ALL ELECTRIC ENCLOSURES, EXCEPT 4'-6"x8'-6" VAULTS WHICH SHALL MAINTAIN A 5 FOOT MINIMUM CLEAR & LEVEL WORKING AREA ON THE SHORT SIDES AND 3 FOOT ON THE LONG WALL SIDES; PAD MOUNT EQUIPMENT SHALL MAINTAIN AN 8 FOOT CLEAR & LEVEL WORKING AREA IN FRONT OF EQUIPMENT DOORS AND 3 FOOT CLEAR ON SIDES & BACK, UNLESS DIRECTED OTHERWISE BY INSPECTOR. REFER TO THE PG&E "GREEN BOOK" STANDARD DRAWING 051122 FOR ADDITIONAL CLEARANCE PROTECTION REQUIREMENTS.

DESIGN CHANGE COMPONENT
ANY CHANGES TO THIS DESIGN MUST BE APPROVED BY
LINH LY (415) 695-3591
PG&E Gas ADE

DEVELOPER
PLEASE NOTE AND SIGN
ALL PG&E ENCLOSURES AND BOXES HAVE BEEN SET TO GRADE ACCORDING TO GRADE STAKES PROVIDED BY DEVELOPERS ENGINEER. ALL COSTS TO RELOCATE OR RE-ADJUST BOXES AT A LATER DATE WILL BE BILLED TO THE DEVELOPER. PLEASE HAVE YOUR SUPERINTENDENT VERIFY THE CORRECT GRADE OF ALL ENCLOSURES AND BOXES AND SIGN AND DATE DRAWING.
THANK YOU
SIGNED: _____
DATE: _____

AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.
SIGNATURE *David Scot Crowfoot* 10-15-19
DAVID SCOT CROWFOOT DATE
NAME RCE# E11985
EXP. DATE 09/30/21

TWO DAYS BEFORE YOU DIG
CALL USA TOLL FREE
811
CALL BEFORE YOU DIG

REVISIONS	DESCRIPTION	DATE

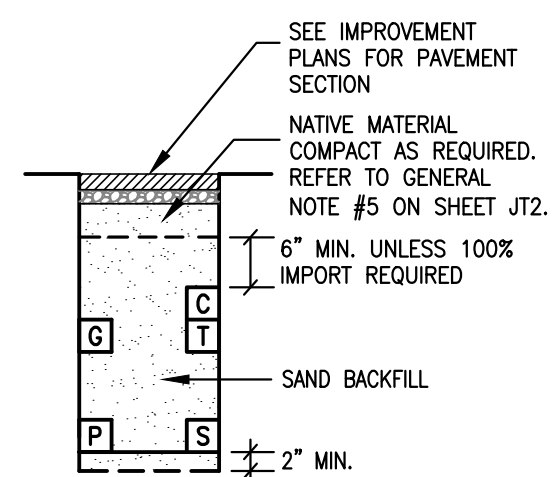
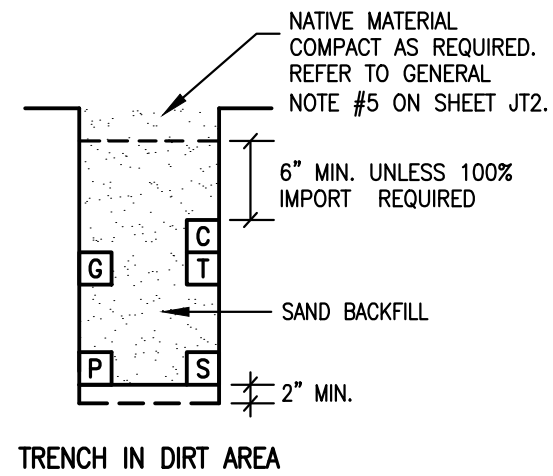
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JOINT TRENCH GENERAL NOTES & DETAILS
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON
DRAWN BY:
RSG/MB
CHECKED BY:
BDF/MB
SCALE:
NONE
JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT2
OF 6 SHEETS

MINIMUM COVER & CLEARANCE CHART

UTILITY	G	T	C	S	P	SF	PUB SL	F	MINIMUM COVER
G (GAS) SEE NOTE 3 & 4	12"	12"	6"	12"	12"	12"	12"	24"	30" IN STREET
T (TELEPHONE)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
C (CABLE T.V.)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
S (PG&E SECONDARY)	6"	12"	12"	12"	3"	3"	12"	24"	30" IN STREET
P (PG&E PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
SF (SFUC PRIMARY)	12"	12"	12"	3"	3"	3"	12"	36"	36" IN STREET
*SL (PUBLIC-STREET LIGHT)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET
F (CITY-FIBER OPTIC)	12"	12"	12"	12"	12"	12"	12"	24"	30" IN STREET



NOTE:

- TRENCH COVER & CLEARANCES SHOWN ARE MINIMUMS ONLY AND MAY REQUIRE ALTERATIONS TO SUIT FIELD CONDITIONS.
- IT IS RECOMMENDED THAT ALL FACILITIES ARE TO BE A MINIMUM OF 12" BELOW SUBBASE DISTURBANCE.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED, SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE, CATV & FIBER OPTIC).
- WHERE 6" GAS MAIN IS IN JOINT TRENCH 12" MINIMUM SEPARATION FROM GAS MAIN TO ALL UTILITIES WILL BE REQUIRED.
- 3" MINIMUM BETWEEN 600A (6") MAINLINE PRIMARY ELECTRIC DUCTS.
- WITH MUTUAL AGREEMENT FROM PARTICIPATING UTILITIES, ST. LT. SEPARATION MAY BE REDUCED TO 0" BETWEEN ST. LT. AND COMMUNICATION DUCTS (TELEPHONE, CATV, & FIBER OPTIC).

TRENCH SECTION LEGEND

- MEETS UTILITY TRENCH ALLOTMENT
- EXCEEDS UTILITY TRENCH ALLOTMENT
- SFUC PRIMARY
- PG&E PRIMARY
- PG&E SECONDARY
- PG&E GAS
- TELEPHONE
- CABLE T.V. (CABLECOM)
- CABLE T.V. (WAVE BROADBAND)
- FIBER OPTIC (DTIS-PUBLIC SAFETY)
- STREET LIGHTING

XX LF-TOTAL = TOTAL TRENCH LENGTH
 XX LF-R&R = REMOVE & REPLACE PAVEMENT ONLY, TRENCH INCLUDED IN TOTAL TRENCH LENGTH

JOINT TRENCH OCCUPANCY GUIDE

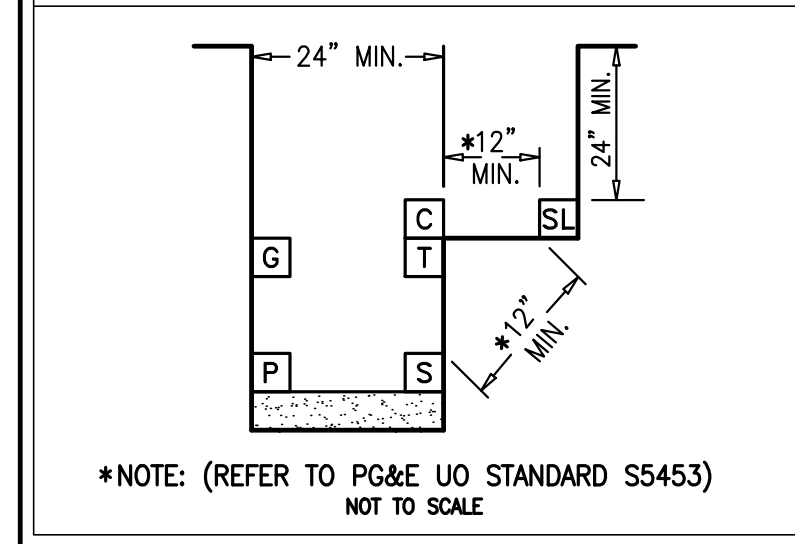
SECTION	G	T	C	S	P	OTHER
*A	X	X	X	X	X	
*B	X	X	X	X	X	
*C	X	X	X	X	X	
*D	X	X	X	X	X	
*E	X	X	X	X	X	
*F	X	X	X	X	X	
*G		X	X	X	X	
*H		X	X	X	X	
I	X	X	X	X	X	
J	X	X	X	X	X	
K	X	X	X	X	X	
L	X	X	X	X	X	
M	X	X	X	X	X	
N	X	X	X	X	X	
O	X	X	X	X	X	
P	X	X	X	X	X	
Q	X	X	X	X	X	
R	X	X	X	X	X	
S	X	X	X	X	X	
T	X	X	X	X	X	
U	X	X	X	X	X	
V	X	X	X	X	X	
W	X	X	X	X	X	

*THESE SECTIONS MAY OR MAY NOT CONTAIN SECONDARY

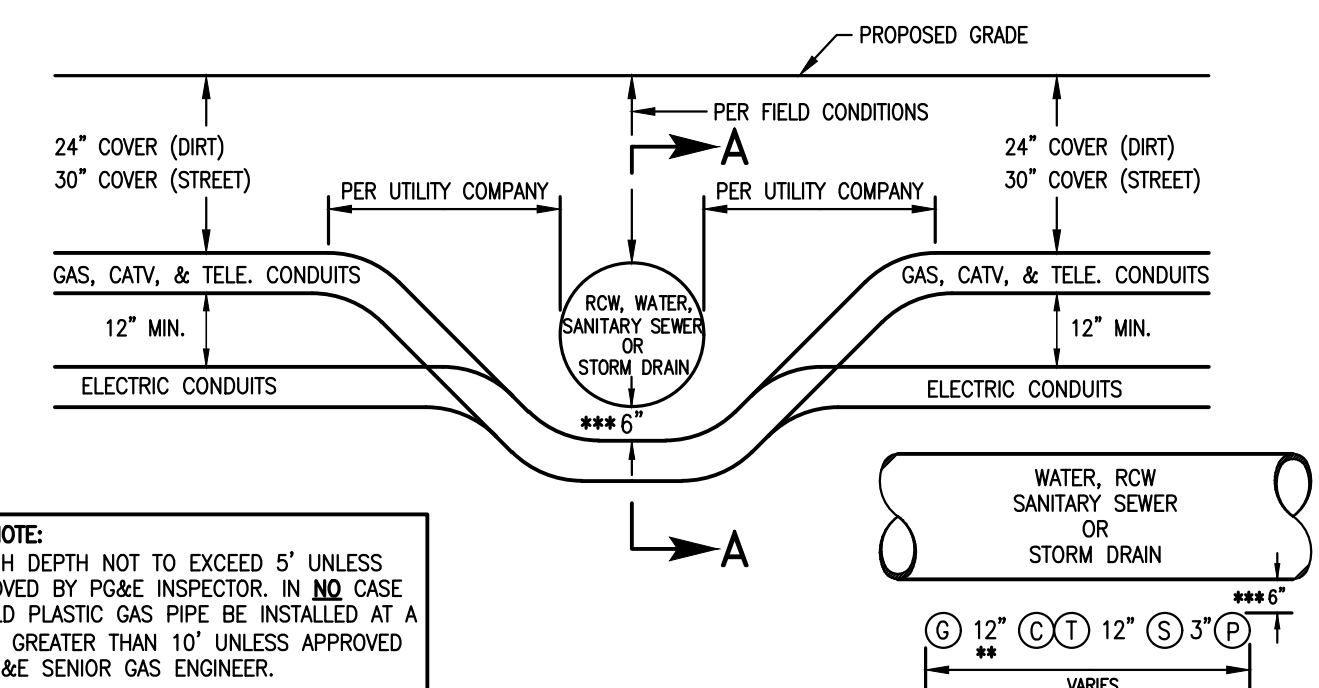
GENERAL TRENCH SECTION NOTES

- TRENCH CONFIGURATIONS SHOWN ARE FOR INSTALLATIONS WHERE EACH OCCUPANT IS UTILIZING HIS ENTIRE SPACE ALLOCATION. OTHER CONFIGURATIONS, OR REDUCED DIMENSIONS, MAY BE USED PROVIDED THAT MINIMUM COVER AND CLEARANCES ARE MAINTAINED.
- CONTRACTOR TO ADJUST TRENCH DEPTHS AT ALL JOINT TRENCH LATERAL CROSSINGS TO MAINTAIN REQUIRED CLEARANCES BETWEEN ALL PARTICIPATING UTILITIES.
- TRENCH SECTIONS SHOWN ARE SCHEMATIC AND INDICATE AREAS OF OCCUPANCY ONLY, THEY DO NOT REFLECT THE SIZE OR QUANTITY OF THE FACILITIES BEING INSTALLED AND ARE DESIGNED TO ACCOMMODATE ALL REQUIRED FACILITIES AS SHOWN ON EACH TRENCH PARTICIPANTS' CONSTRUCTION DRAWINGS. REFER TO THE COMPOSITE, CONDUIT, STREETLIGHT PLAN AND/OR EACH RESPECTIVE UTILITY COMPANIES CONSTRUCTION DRAWINGS FOR THE NECESSARY CONDUIT, CABLE AND/OR PIPE BEING INSTALLED.

TYPICAL STEP TRENCH W/ST. LT. J.T. CONTRACTOR OPTION

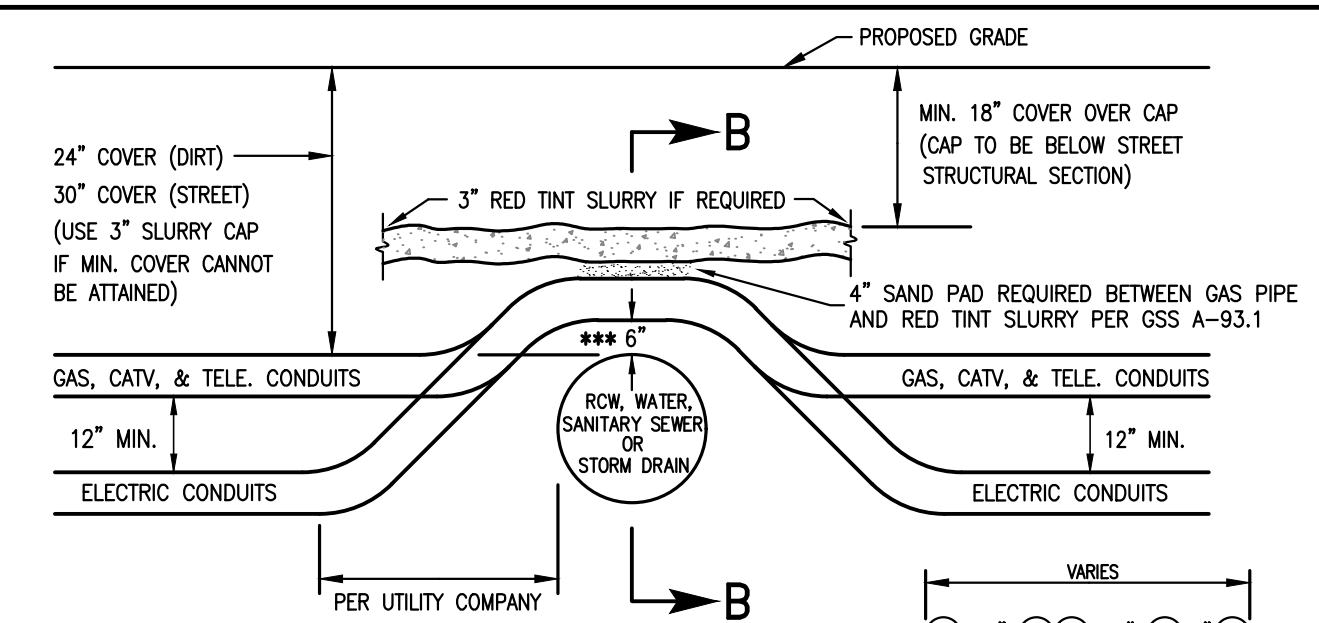


DRY UTILITY CROSSING DETAILS



GAS NOTE: TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTOR. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

JOINT TRENCH UNDER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN



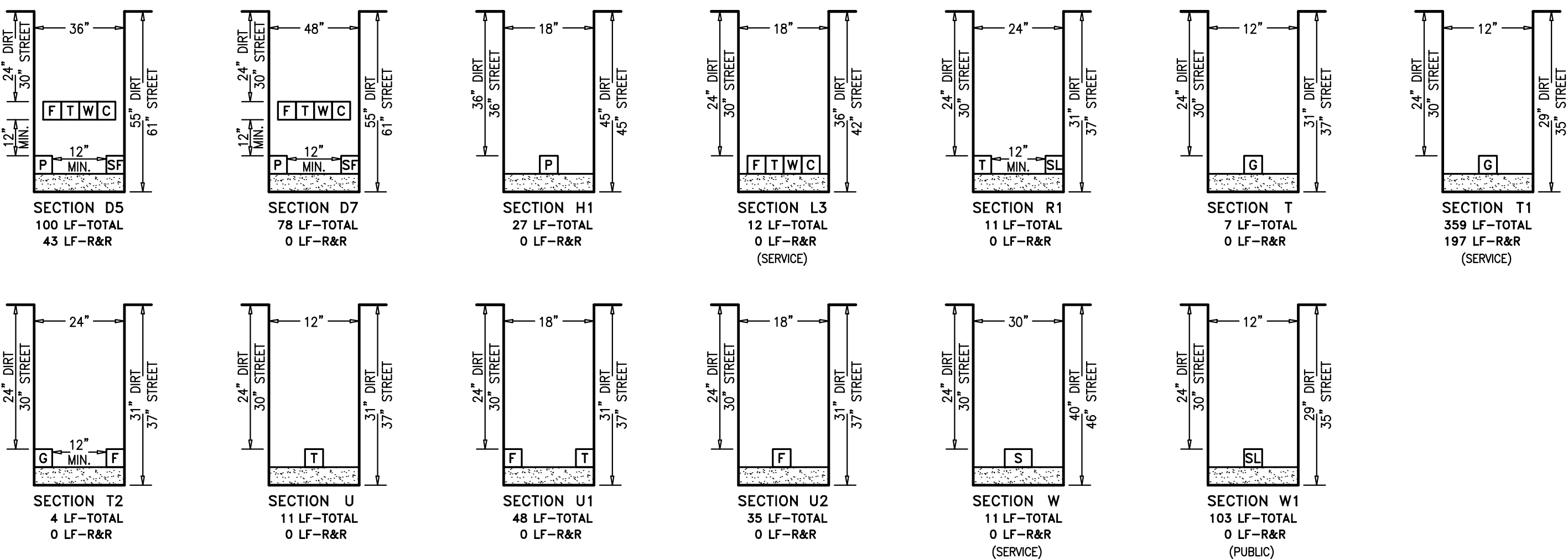
GAS NOTE: TRENCH DEPTH NOT TO EXCEED 5' UNLESS APPROVED BY PG&E INSPECTOR. IN NO CASE SHOULD PLASTIC GAS PIPE BE INSTALLED AT A DEPTH GREATER THAN 10' UNLESS APPROVED BY PG&E SENIOR GAS ENGINEER.

JOINT TRENCH OVER WATER, RECYCLED WATER, SANITARY SEWER OR STORM DRAIN

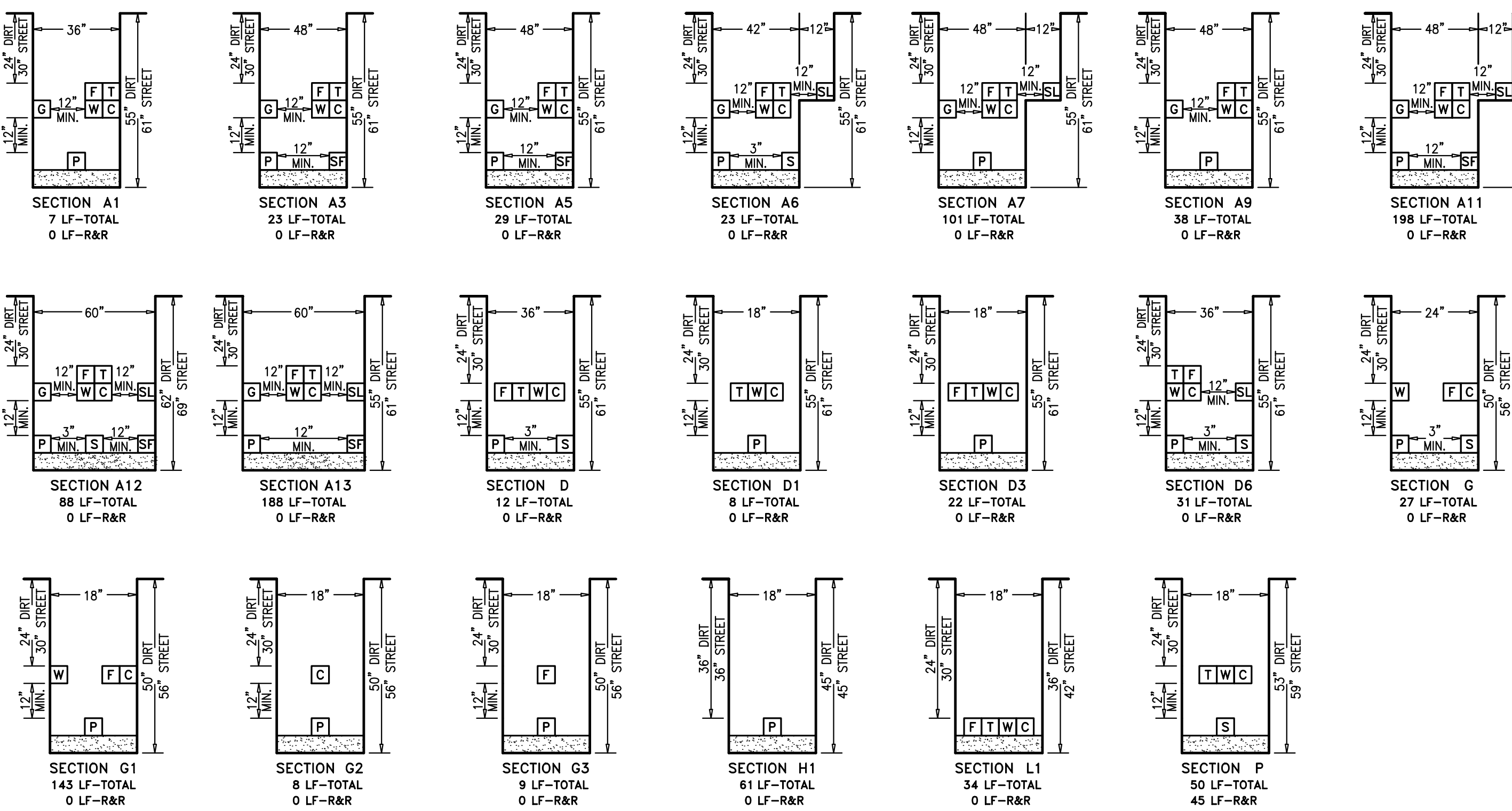
NOTE:

- SEE MINIMUM COVER & CLEARANCE CHART.
- WITH MUTUAL AGREEMENT, WHEN 4" O.D. OR SMALLER GAS PIPE IS INSTALLED SEPARATION MAY BE REDUCED TO NOT LESS THAN 6" BETWEEN GAS AND COMMUNICATION DUCTS (TELEPHONE & CATV).
- 6" MINIMUM REQUIRED BY PG&E-ADDITIONAL CLEARANCE MAYBE REQUIRED BY CITY OR COUNTY. BED THE BOTTOM OF THE TRENCH WITH IMPORTED SAND, INSTALL THE CONDUIT AND/OR GAS PIPE, COVER THE FACILITY WITH THE SAME IMPORTED SAND AND MECHANICALLY COMPACT USING A VIBRATORY TYPE COMPACTOR.
- CROSSING METHODS ARE NOT LIMITED TO THE ABOVE DETAILS. OTHER APPROVED CONFIGURATIONS MAY BE USED. CONTRACTOR TO VERIFY METHOD OF CROSSING WITH GOVERNING AGENCY AND/OR UTILITY COMPANIES AS REQUIRED PRIOR TO CONSTRUCTION.
- JOINT TRENCH CONTRACTOR SHALL NOT ASSUME THAT ANY OF THE METHODS ABOVE WILL BE ACCEPTABLE TO PG&E & THE UTILITIES. J.T. CONTRACTOR IS REQUIRED TO COORDINATE THE LOCAL INSPECTORS PRIOR TO INSTALLING DRY UTILITIES ACROSS WATER, RECYCLED WATER, SANITARY SEWER, STORM DRAIN OR ANY OTHER FACILITY WITH ANY ISSUE RELATING TO COVERS LESS THAN THE MINIMUM OR COVERS REQUIRING SHOWING. CONCRETE CAPPING IS ONLY ACCEPTABLE WHERE NO OTHER SOLUTION IS POSSIBLE AND ONLY WHEN CERTAIN CRITERIA ARE MET AND ONLY WITH PG&E APPROVAL.

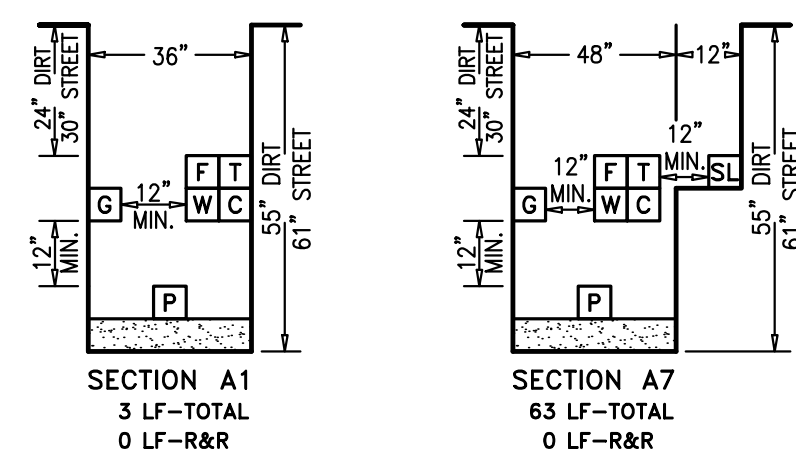
RULE 15/16 TRENCH SECTIONS



RULE 20 TRENCH SECTIONS



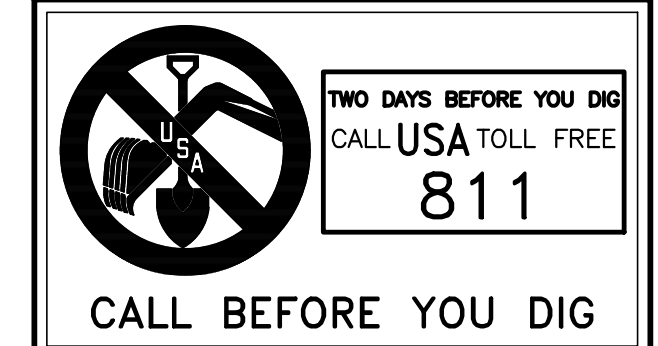
RULE 15/16 & RULE 20 TRENCH SECTIONS



AS-BUILT RECORD DRAWINGS

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SIGNATURE *David Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

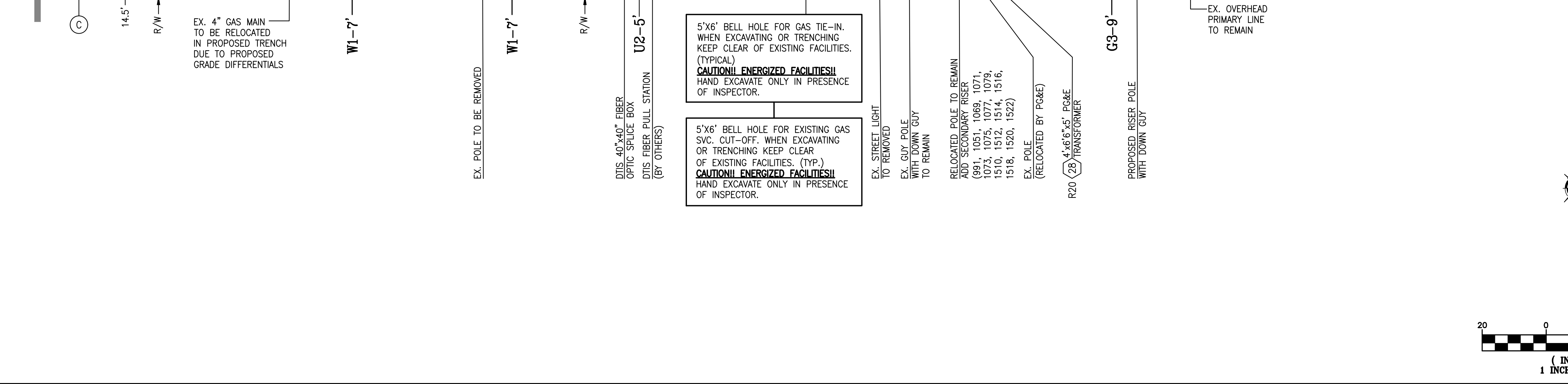
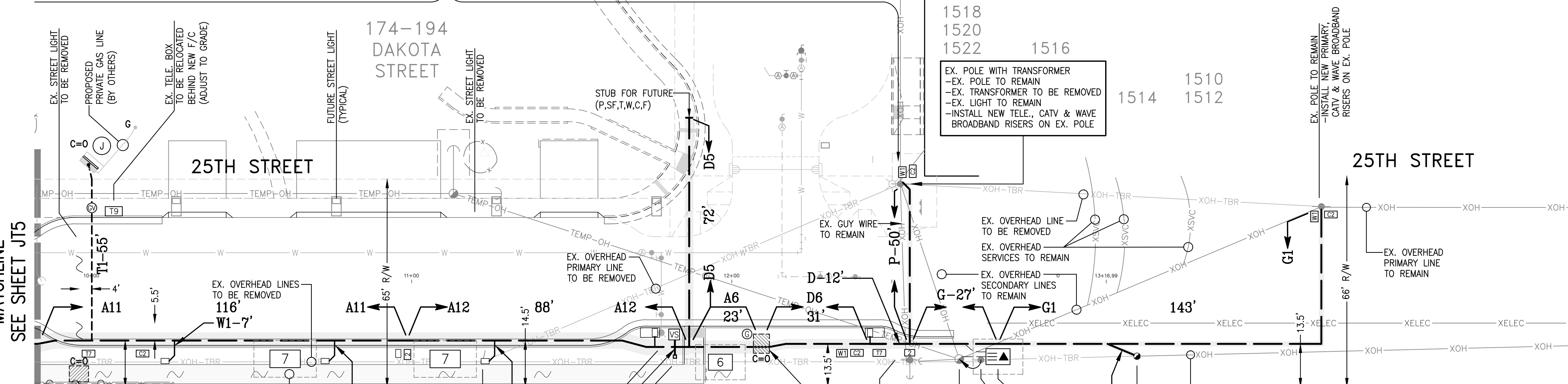
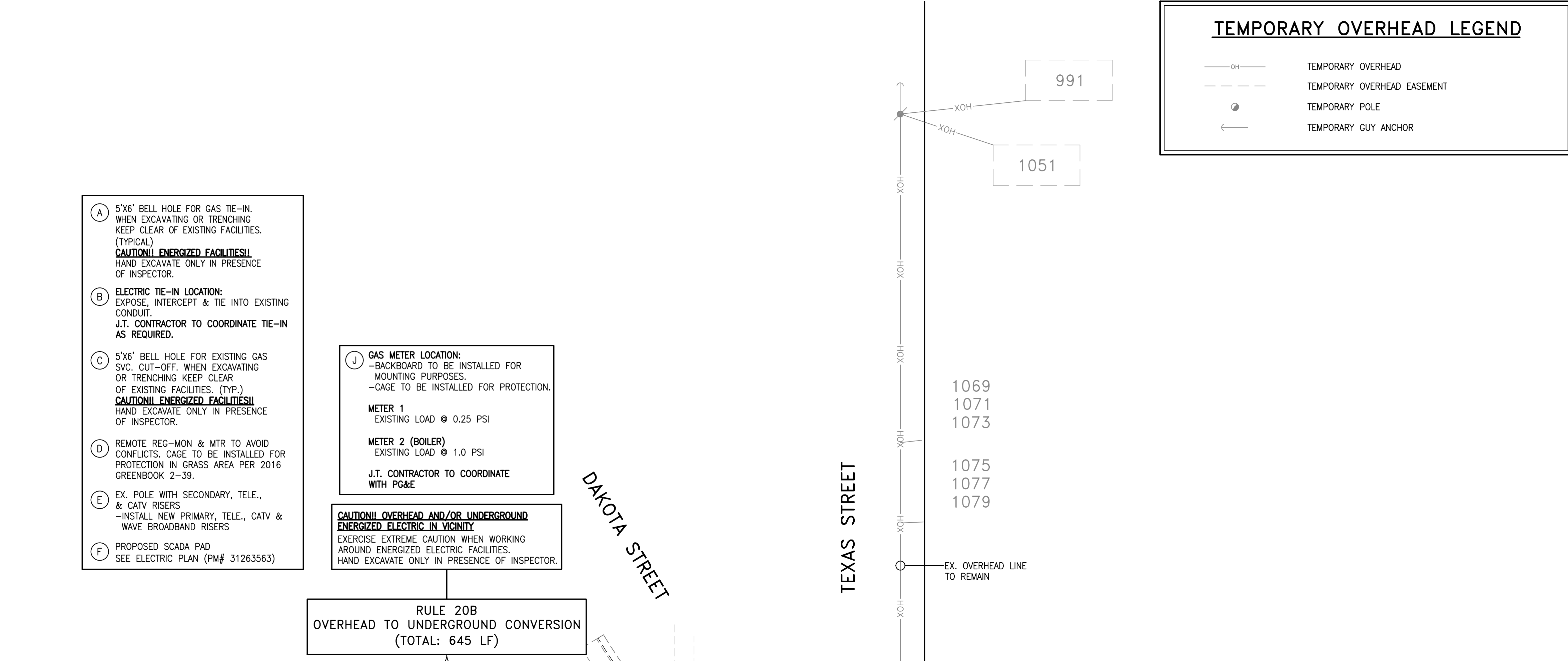


APPROVED	REVISIONS	DESCRIPTION	DATE

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 5200 STONERIDGE MALL, RD., #545 | PLEASANTON, CA 94588
 925-467-1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH SECTIONS & DETAILS
 BRIDGE HOUSING
 POTRERO - PHASE 1
 25TH STREET & CONNECTICUT STREET
 SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
 B. FULLINGTON
 DRAWN BY:
 RSG/MB
 CHECKED BY:
 BDF/MB
 SCALE:
 NONE
 JOB NUMBER:
 15-198
 DATE LAST MODIFIED:
 06-06-18
 SHEET
JT3
 OF 6 SHEETS



TEMPORARY OVERHEAD LEGEND

— OH —	TEMPORARY OVERHEAD
- - - - -	TEMPORARY OVERHEAD EASEMENT
●	TEMPORARY POLE
←	TEMPORARY GUY ANCHOR

LEGEND

— X/T —	EXISTING TRENCH OR UTILITIES
— — —	PROPOSED TRENCH (DISTRIBUTION)
— — —	PROPOSED TRENCH (SERVICE)
— · —	PROPOSED STREET LIGHT TRENCH
□ □	EXISTING UTILITY SPLICE BOX
⊙	GAS E.T.S. BOX (N.T.S.)
⊙	GAS CURB VALVE (N.T.S.)
2	17"x30"x18" PG&E SPLICE BOX
3	24"x36"x26" PG&E SPLICE BOX
5	3"x5"x3"x6" PG&E SPLICE BOX
6	4"x6"x5" PG&E BOX
7	4"x6"x6"x6" PG&E SPLICE BOX
▲	4"x6"x5" PG&E TRANSFORMER
▲	4"x6"x6"x7"x6" PG&E UCD TRANSFORMER
▲	4"x6"x6"x6" PG&E DUPLEX TRANSFORMER
T7	20"x42"x34" TELEPHONE SPLICE BOX
T4	30"x48"x34" TELEPHONE SPLICE BOX
T9	30"x60"x24" W/ 8" EXTENSION TELEPHONE SPLICE BOX
M	24"x36" WAVE BROADBAND PEDESTAL
W1	24"x36" WAVE BROADBAND BOX
C2	20"x42"x12" W/ 8" EXTENSION CABLECOM BOX (B44)
C4	30"x60"x14" W/ 10" EXTENSION CABLECOM BOX (N52)
VS	40"x40" FIBER OPTIC SPLICE BOX
☼	STREET LIGHT (SFO STD LS102)
☼	PEDESTRIAN LIGHT (SFO STD LP170)
□	STREET LIGHT BOX (STATE TYPE 3 1/2)
⊙	EXISTING STREET LIGHT
⊙	EXISTING UTILITY POLE
←	EXISTING UTILITY POLE GUY ANCHOR
⊙	PG&E SKETCH LOCATION NUMBER
(F.V.T.)	FULL VEHICULAR TRAFFIC LID
(N.T.S.)	NOT TO SCALE
□	DTIS FIBER PULL STATION

RULE 20B LEGEND

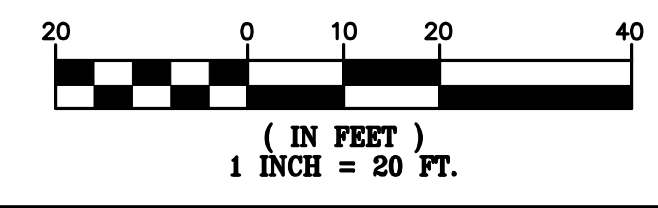
— XOH —	EXISTING OVERHEAD - TO REMAIN
— XOH —	EXISTING OVERHEAD - TO BE REMOVED
●	PROPOSED NEW RISER POLE
⊙	EXISTING UTILITY POLE - TO REMAIN
⊙	EXISTING UTILITY POLE - TO BE REMOVED
←	PROPOSED NEW GUY ANCHOR
←	EXISTING UTILITY POLE GUY ANCHOR - TO REMAIN
←	EXISTING UTILITY POLE GUY ANCHOR - TO BE REMOVED

AS-BUILT RECORD DRAWINGS

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SIGNATURE *David Crowfoot* DATE 10-15-19
 DAVID SCOT CROWFOOT
 NAME RCE# E11965
 EXP. DATE 09/30/21

TWO DAYS BEFORE YOU DIG
 CALL USA TOLL FREE
811
 CALL BEFORE YOU DIG



REVISIONS	DESCRIPTION	SYMBOL	DATE

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 925-677-1740 | WWW.GIACALONEDSIGN.COM

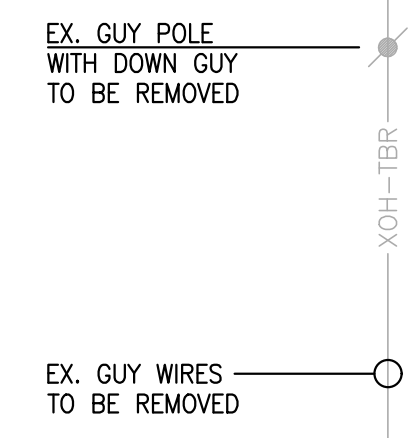
JOINT TRENCH COMPOSITE PLAN

BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER: B. FULLINGTON
DRAWN BY: RSG/MB
CHECKED BY: BDF/MB
SCALE: 1"=20'
JOB NUMBER: 15-198
DATE LAST MODIFIED: 06-06-18
SHEET JT4
OF 6 SHEETS

1072-1090
CONNECTICUT STREET

CONNECTICUT STREET



GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.

METER 1 (STOVE)
EXISTING LOAD @ 1.0 PSI

METER 2 (APPLIANCE)
EXISTING LOAD @ 1.0 PSI

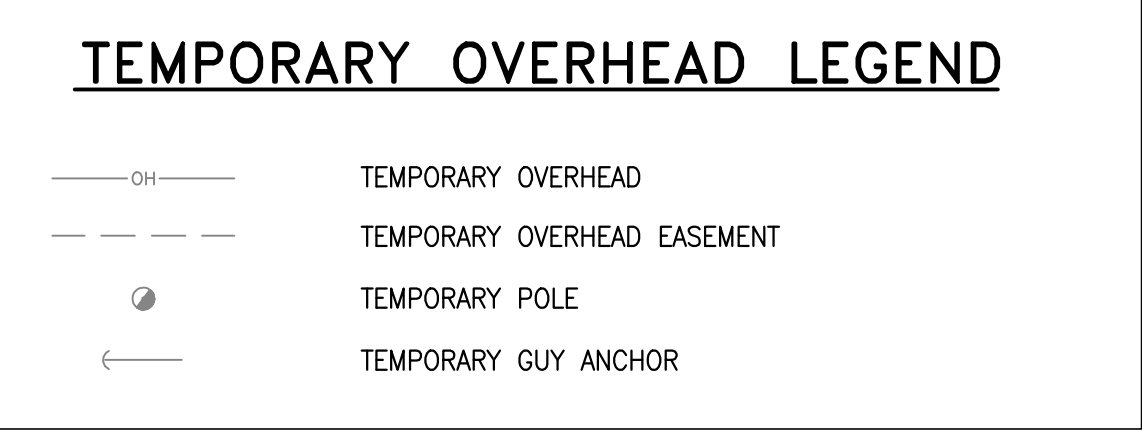
J.T. CONTRACTOR TO COORDINATE WITH PG&E

GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.

METER 1
EXISTING LOAD @ 0.25 PSI

J.T. CONTRACTOR TO COORDINATE WITH PG&E

RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 645 LF)



CAUTION!! OVERHEAD AND/OR UNDERGROUND ENERGIZED ELECTRIC IN VICINITY
EXERCISE EXTREME CAUTION WHEN WORKING AROUND ENERGIZED ELECTRIC FACILITIES. HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

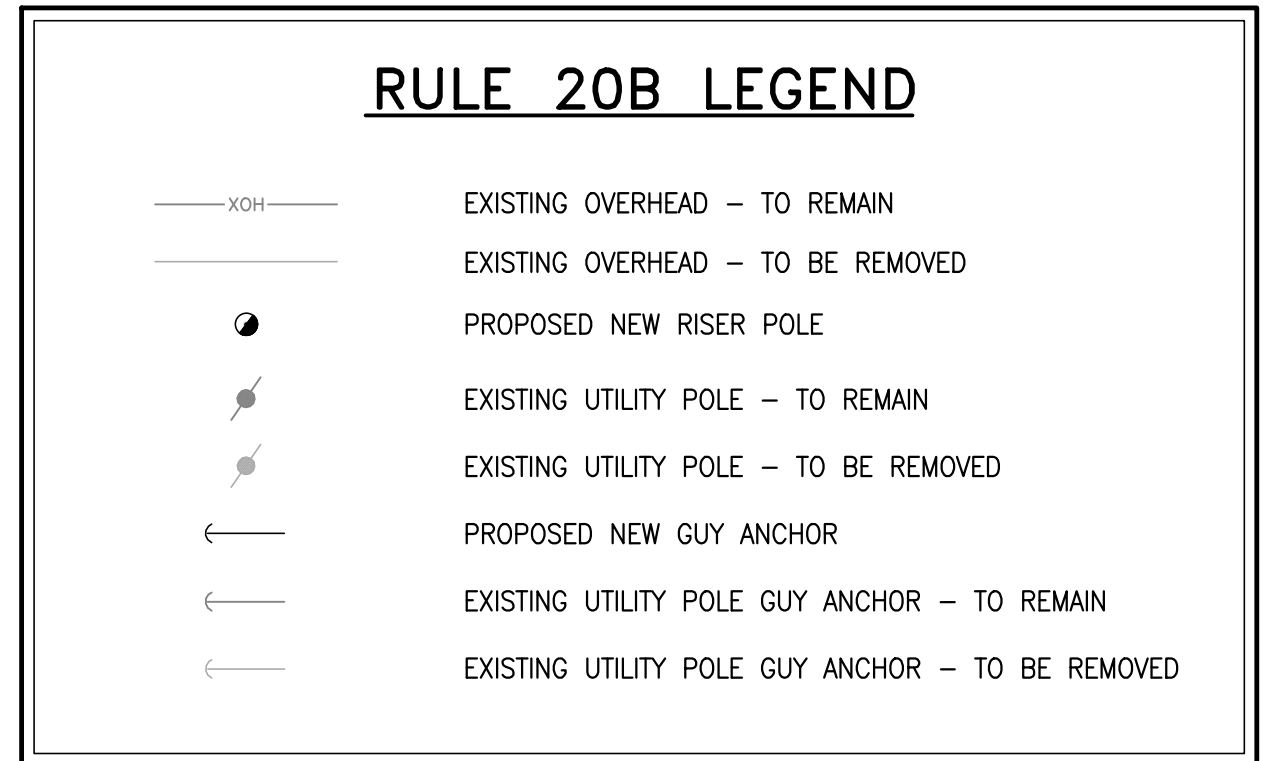
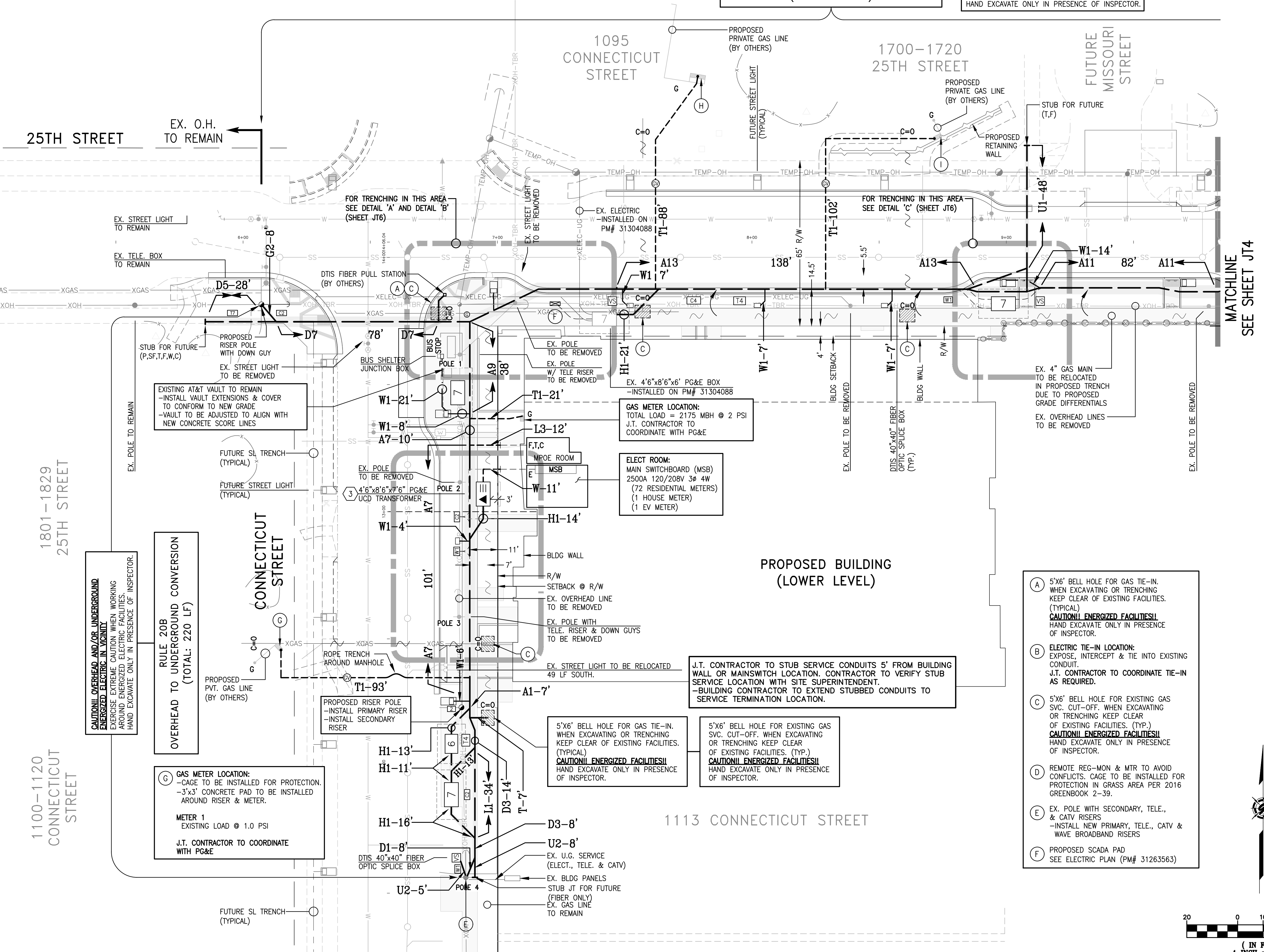
LEGEND

--- XT ---	EXISTING TRENCH OR UTILITIES
---	PROPOSED TRENCH (DISTRIBUTION)
---	PROPOSED TRENCH (SERVICE)
---	PROPOSED STREET LIGHT TRENCH
□ □	EXISTING UTILITY SPLICE BOX
⊕	GAS E.T.S. BOX (N.T.S.)
⊕	GAS CURB VALVE (N.T.S.)
⊕	17"x30"x18" PG&E SPLICE BOX
⊕	24"x36"x26" PG&E SPLICE BOX
⊕	3"x5"x3"x6" PG&E SPLICE BOX
⊕	4"x6"x5" PG&E BOX
⊕	4"x8"x6" PG&E SPLICE BOX
⊕	4"x6"x5" PG&E TRANSFORMER
⊕	4"x8"x6"x7"x6" PG&E UCD TRANSFORMER
⊕	4"x8"x6"x6" PG&E DUPLEX TRANSFORMER
⊕	20"x42"x34" TELEPHONE SPLICE BOX
⊕	30"x48"x34" TELEPHONE SPLICE BOX
⊕	30"x60"x24" W/ 8" EXTENSION TELEPHONE SPLICE BOX
⊕	24"x36" WAVE BROADBAND PEDESTAL
⊕	24"x36" WAVE BROADBAND BOX
⊕	20"x42"x12" W/ 8" EXTENSION CABLECOM BOX (B44)
⊕	30"x60"x14" W/ 10" EXTENSION CABLECOM BOX (N52)
⊕	40"x40" FIBER OPTIC SPLICE BOX
⊕	STREET LIGHT (SFO STD LS102)
⊕	PEDESTRIAN LIGHT (SFO STD LP170)
⊕	STREET LIGHT BOX (STATE TYPE 3 1/2)
⊕	EXISTING STREET LIGHT
⊕	EXISTING UTILITY POLE
⊕	EXISTING UTILITY POLE GUY ANCHOR
⊕	PG&E SKETCH LOCATION NUMBER
⊕	FULL VEHICULAR TRAFFIC LID
(N.T.S.)	NOT TO SCALE
⊕	DTIS FIBER PULL STATION

REVISIONS

SYMBOL	DATE	DESCRIPTION

GIACALONE DESIGN SERVICES, INC.
5620 STONERIDGE HILL RD., #545 | REDWOOD CITY, CA 94068
888-877-1740 | WWW.GIACALONEDSIGN.COM



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SIGNATURE: *David Scot Crowfoot* DATE: 10-15-19
 DAVID SCOT CROWFOOT
 NAME: RCE# E11965
 EXP. DATE: 09/30/21

- A 5"x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.
- B ELECTRIC TIE-IN LOCATION: EXPOSE, INTERCEPT & TIE INTO EXISTING CONDUIT. J.T. CONTRACTOR TO COORDINATE TIE-IN AS REQUIRED.
- C 5"x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.
- D REMOTE REG-MON & MTR TO AVOID CONFLICTS. CAGE TO BE INSTALLED FOR PROTECTION IN GRASS AREA PER 2016 GREENBOOK 2-39.
- E EX. POLE WITH SECONDARY, TELE., & CATV RISERS -INSTALL NEW PRIMARY, TELE., CATV & WAVE BROADBAND RISERS
- F PROPOSED SCADA PAD SEE ELECTRIC PLAN (PM# 31263563)

5"x6" BELL HOLE FOR GAS TIE-IN. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYPICAL)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

5"x6" BELL HOLE FOR EXISTING GAS SVC. CUT-OFF. WHEN EXCAVATING OR TRENCHING KEEP CLEAR OF EXISTING FACILITIES. (TYP.)
CAUTION!! ENERGIZED FACILITIES!!
HAND EXCAVATE ONLY IN PRESENCE OF INSPECTOR.

GAS METER LOCATION:
-CAGE TO BE INSTALLED FOR PROTECTION.
-3'x3' CONCRETE PAD TO BE INSTALLED AROUND RISER & METER.

METER 1
EXISTING LOAD @ 1.0 PSI

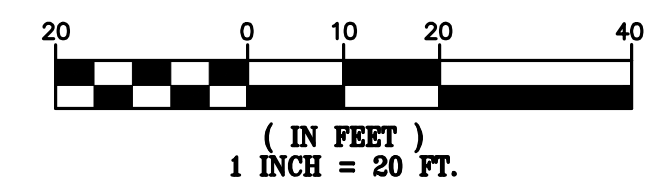
J.T. CONTRACTOR TO COORDINATE WITH PG&E

RULE 20B OVERHEAD TO UNDERGROUND CONVERSION (TOTAL: 220 LF)

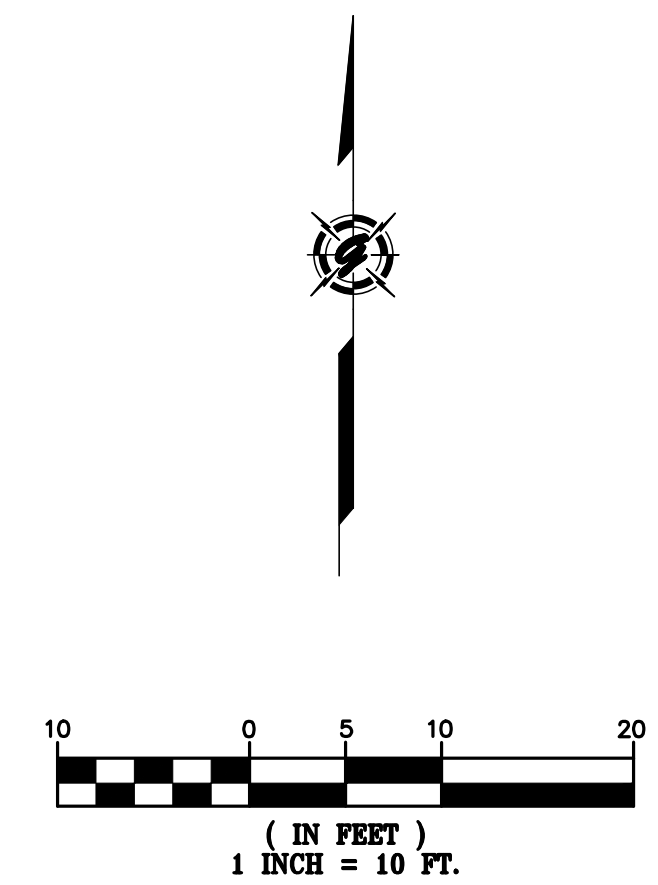
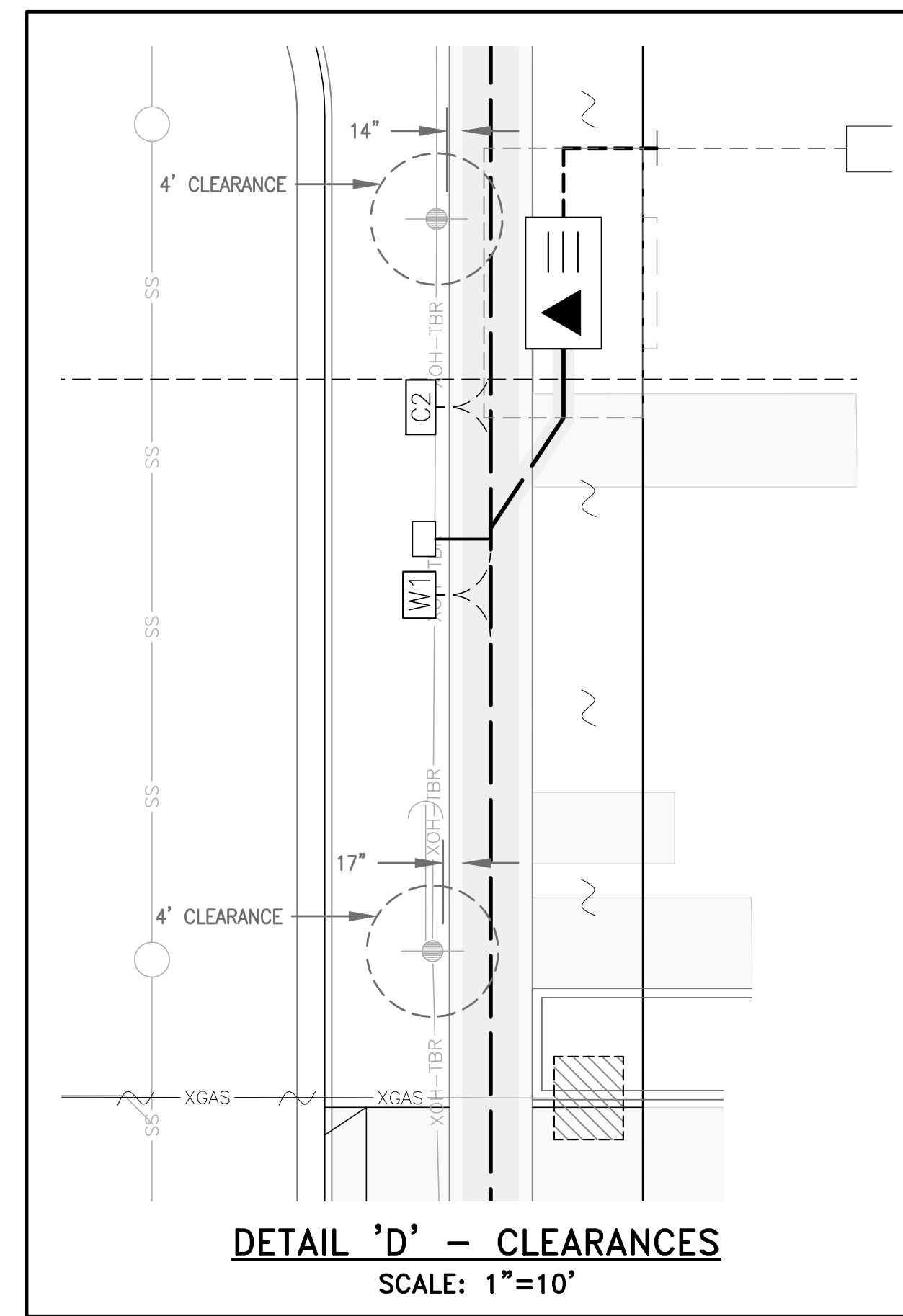
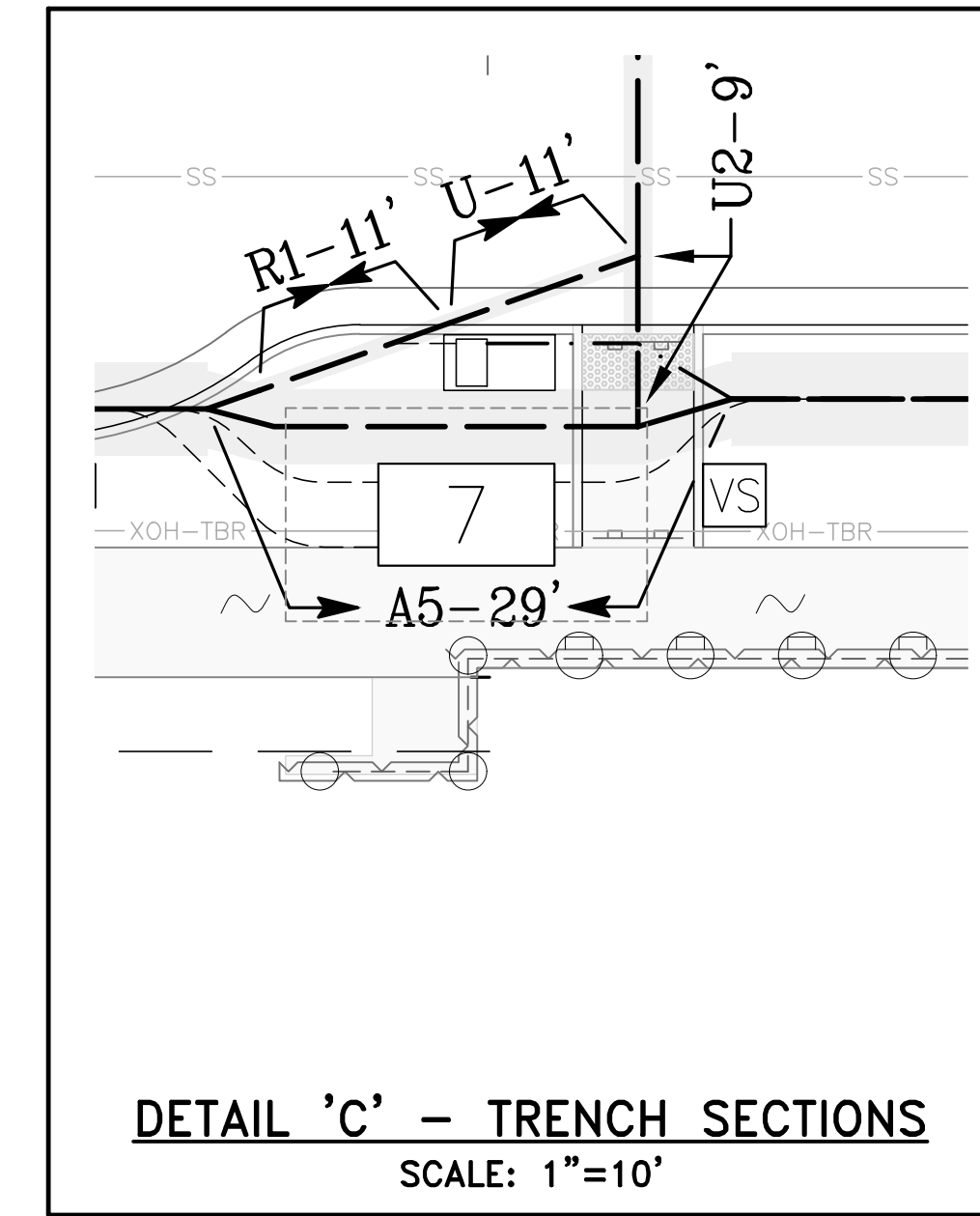
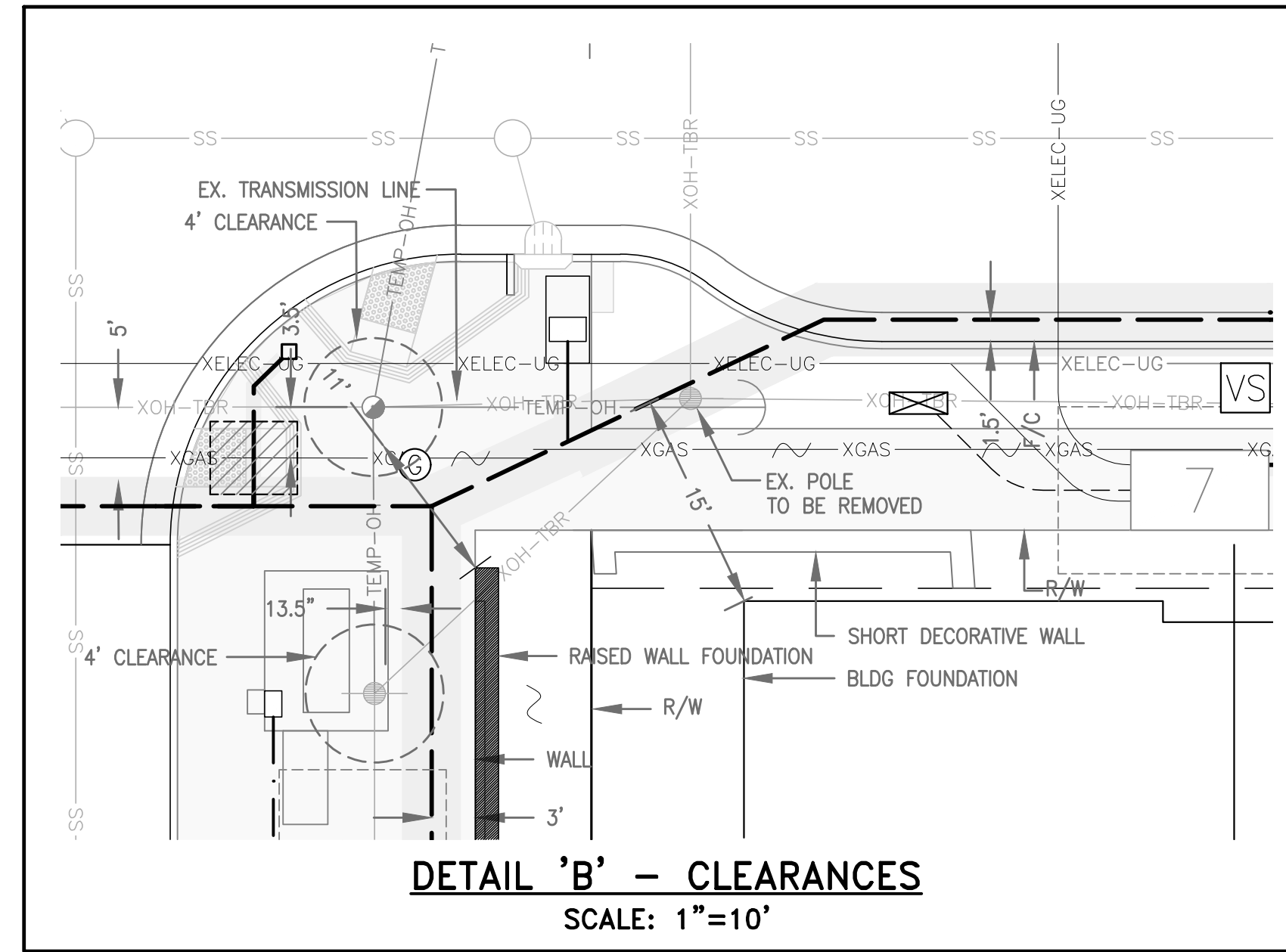
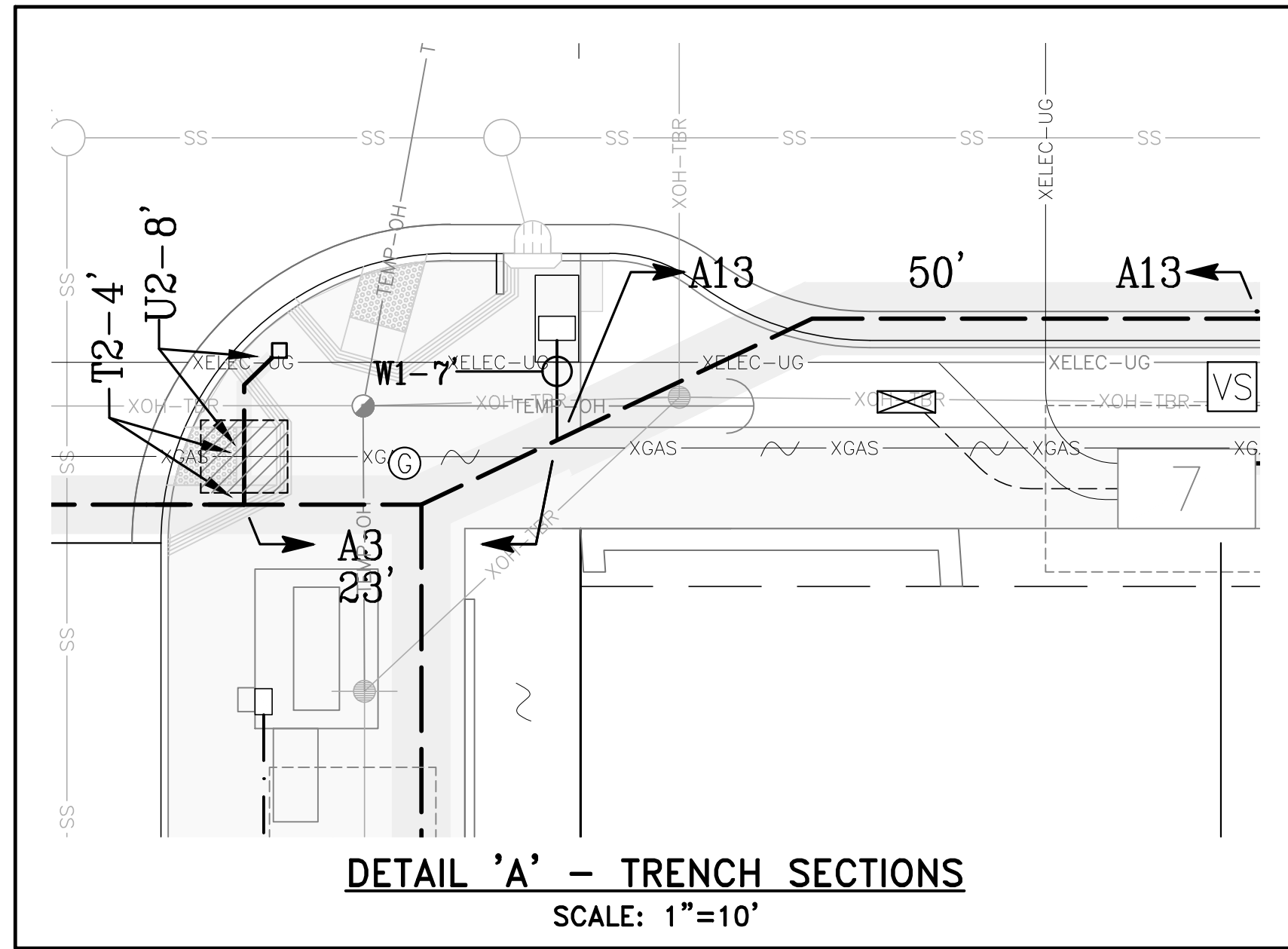
PROPOSED BUILDING (LOWER LEVEL)

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER: B. FULLINGTON
DRAWN BY: RSG/MB
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SHEET JT5
OF 6 SHEETS

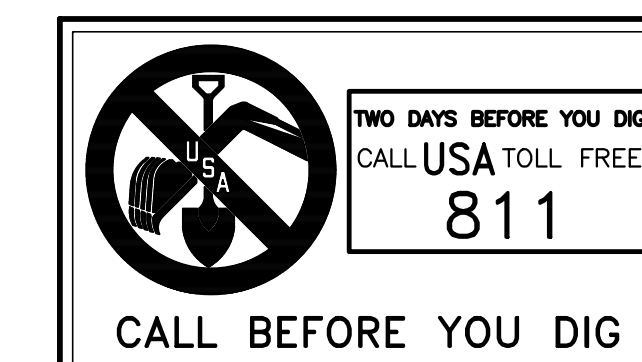


DETAIL SHEET



AS-BUILT RECORD DRAWINGS
CHANGES NOTED HEREON WERE PREPARED FROM RECORDS OF THE CONTRACTOR AND OF THE ENGINEER AND REPRESENT REVISIONS TO THE APPROVED PLANS MADE BY THE ENGINEER AND/OR CHANGES MADE DURING CONSTRUCTION OF WHICH THE ENGINEER HAS KNOWLEDGE.

SIGNATURE *David Crowfoot* 10-15-19
DAVID SCOT CROWFOOT DATE
NAME RCE# E11965
EXP. DATE 09/30/21



REVISIONS	DESCRIPTION	SYMBOL	DATE

GIACALONE
DESIGN SERVICES, INC.
5200 STONERIDGE MALL, SUITE 110, PLEASANTON, CA 94588
925.467.1740 | WWW.GIACALONEDSIGN.COM

JOINT TRENCH COMPOSITE PLAN
BRIDGE HOUSING
POTRERO - PHASE 1
25TH STREET & CONNECTICUT STREET
SAN FRANCISCO CALIFORNIA

PROJECT MANAGER:
B. FULLINGTON
DRAWN BY:
RSG/MB
CHECKED BY:
BDF/MB
SCALE:
1"=10'
JOB NUMBER:
15-198
DATE LAST MODIFIED:
06-06-18
SHEET
JT6
OF 6 SHEETS