SETUP 1
LANE CLOSURE TYPICAL

NOTE:
WHEN EVER WORK TO BE PERFORMED REQUIRES THE CLOSURE OF A SINGLE LANE ON A TWO LANE ROAD THIS SETUP IS TO BE IMPLEMENTED. A 11'FT MINIMUM LANE SHALL BE MAINTAINED AT ALL TIMES.

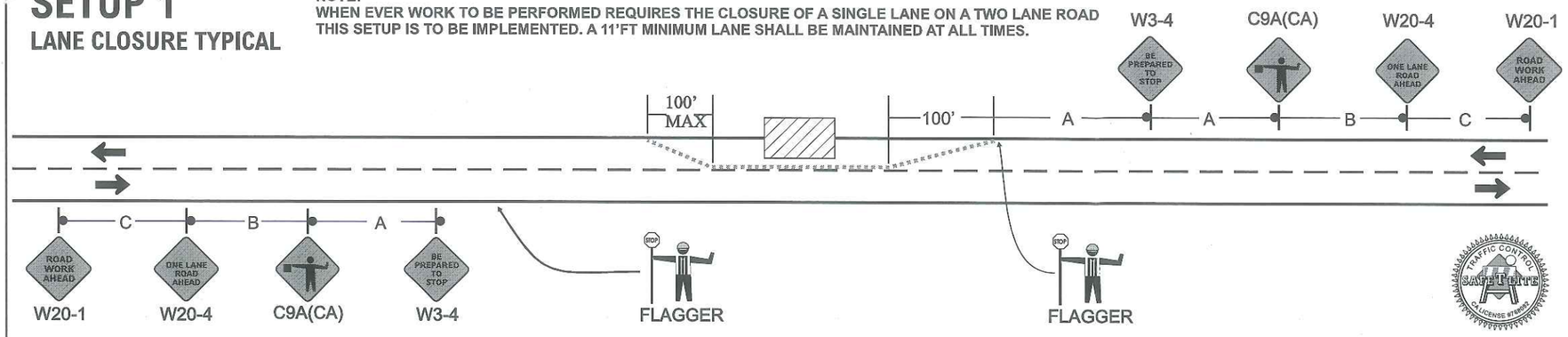
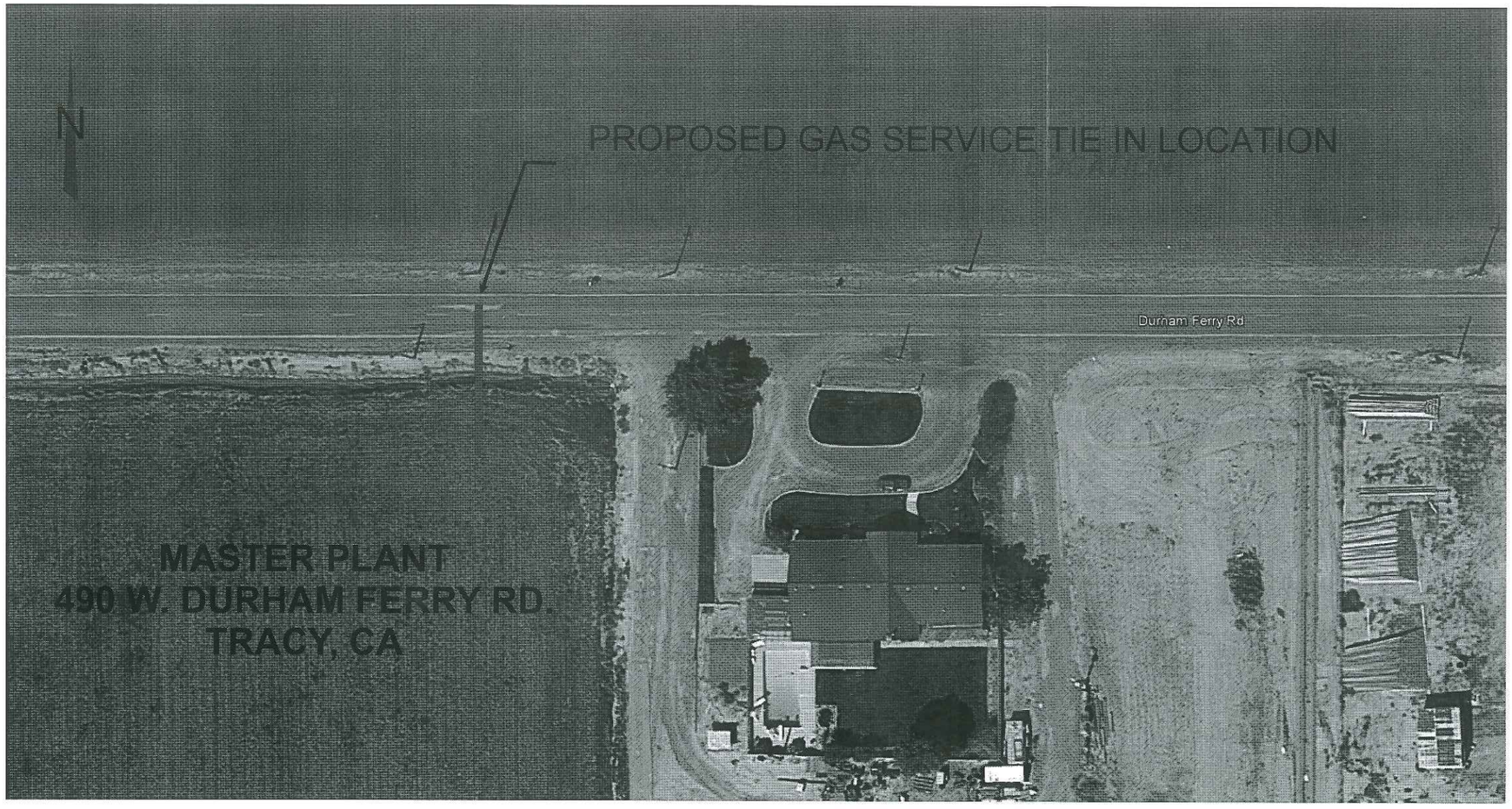


TABLE 6H-3. SUGGESTED ADVANCE WARNING SIGN SPACING

ROAD TYPE	DISTANCE BETWEEN SIGNS		
	A	B	C
URBAN (LOW SPEED) 25 MPH OR LESS	100'	100'	100'
URBAN (LOW SPEED) MORE THAN 25 MPH TO 40 MPH	250'	250'	250'
URBAN (HIGH SPEED) MORE THAN 40 MPH	350'	350'	350'
RURAL	500'	500'	500'
EXPRESSWAY / FREEWAY	1,000'	1,500'	2,640'

SPEED S (MPH)	MINIMUM TAPER LENGTH FOR WIDTH OF OFFSET 12FT			
	MERGING L (FT)	SHIFTING L/2 (FT)	SHOULDER L/3 (FT)	DOWN STREAM
20	80'	40'	27'	100'
25	125'	63'	42'	100'
30	180'	90'	60'	100'
35	245'	123'	82'	100'
40	320'	160'	107'	100'
45	540'	270'	180'	100'
50	600'	300'	200'	100'
55	660'	330'	220'	100'
60	720'	360'	240'	100'
65	780'	390'	260'	100'
70	840'	420'	280'	100'



DELINEATION DEVICE SUGGESTED MAX SPACING

ROAD SPEED LIMIT	MAX DELINEATION SPACING
25 MPH	25' MAX SPACING
35 MPH	35' MAX SPACING
45 MPH	45' MAX SPACING
55 MPH	55' MAX SPACING

SIGN LEGEND

W20-1 ---------- ROAD WORK AHEAD
W20-4 ---------- ONE LANE ROAD AHEAD
W3-4 ---------- BE PREPARED TO STOP
C9A(CA) ---------- FLAGGER SYMBOL

GENERAL NOTES:

1. GAS SERVICE TO BE INSTALLED ON DURHAM FERRY RD.
2. DURHAM FERRY RD TO BE REDUCED TO A SINGLE LANE.
3. TRAFFIC CONES SHALL BE IN PLACE TO BLOCK THE WORK ZONE.
4. ADVANCE WARNING SIGNS SHALL BE IN PLACE AS INDICATED AND SHALL BE SPACED AS INDICATED.
5. 11' MINIMUM THRU LANES SHALL BE MAINTAINED THROUGH OUT THE WORK ZONE.
6. ALL CONTROLS SHALL BE REMOVED UPON COMPLETION OF WORK.
7. ALL CONTROLS SHALL ADHERE TO 2012 CA MUTCD, PART 6.

ALL ADVANCE WARNING SIGNS SHALL BE MOUNTED ON FLAG STANDS WITH FLAGS.

SIGN PLACEMENT
PROPOSED WORK LOCATION
TRAFFIC CONES

PLAN SHEET#	D.A.WOOD CONSTRUCTION, INC. 601 ALBERS ROAD MODESTO CA, 95357-1015 CONTACT DALE SMITH OFFICE# (209)491-4970 dsmith@dawoodinc.com	TRAFFIC CONTROL PLAN FOR:	PLAN PROVIDED BY:	PLAN DRAWN BY:	PROPOSED WORK SCHEDULE	TYPE OF TRAFFIC CONTROL:
TCP 1		GAS SERVICE INSTALL MASTER PLANT 490 W. DURHAM FERRY RD TRACY, CA.	SAFETLITE of Modesto Inc. www.safetlite.com Construction, Engineering, Safety Supplies & Signs Sales Rentals Service 1051 N. EMERALD AVE. MODESTO, CA 95351 C31 LICENSED CONTRACTOR LICENSE NO. 788082	ALBERTO DELGADO TRAFFIC CONTROL SUPERVISOR 1-800-851-6262 209-522-8913	TO BE DETERMINED	LANE CLOSURE FLAGGING

CONTRACTOR CONSTRUCTION REFERENCE

1. REFER TO GAS STANDARDS A-90, A-93.1, A-93.3, B-90, B-90.2, B-90.3, AND B-91 FOR TYPICAL DIRECT BURIAL PLASTIC GAS MAIN AND SERVICE INSTALLATION.
2. REFER TO GAS STANDARDS A-93.1, A-93.3, AND B-91.1 FOR TYPICAL PLASTIC GAS MAIN AND SERVICE INSERT CONSTRUCTION.
3. REFER TO GAS STANDARDS A-90.2, A-90.10, O-12, O-13, O-13.1 & O-16 FOR TYPICAL ANODE AND LOCATING WIRE INSTALLATION IN DIRECT BURIAL PLASTIC GAS MAIN AND SERVICES.
4. REFER TO GAS STANDARDS A-90.4, A-90.5, A-90.6, A-90.7, AND B-91.1 FOR TYPICAL GAS SERVICE RISER INSTALLATION.
5. REFER TO GAS STANDARD A-34 FOR PG&E'S CRITERIA ON GAS MAIN AND SERVICES.
6. PG&E TO PERFORM ALL HOT TIE-INS AND PURGING OF GAS PIPING PER GAS STANDARD A-38.
7. CUSTOMER IS RESPONSIBLE FOR CROSSING EXISTING WATER, SEWER AND STORM DRAIN LINES, UNDER OR OVER, AS REQUIRED TO MEET PG&E COVER AND CLEARANCE REQUIREMENTS. REFER TO GAS STANDARD S5453.
8. THE LOCATION OF ALL EXISTING OR INSTALLED WATER, SEWER AND STORM DRAIN OR OTHER LINES, SHALL BE DETERMINED BY THE CUSTOMER. THE CUSTOMER SHALL NOT RELY ON PG&E TO LOCATE FACILITIES. PG&E WILL LOCATE PG&E FACILITIES UPON PROPER USA NOTIFICATION. CALL USA DIAL 811.
9. CUSTOMER WILL BE REQUIRED TO REMOVE AND REPLACE TRENCH SPOIL WITH SELECT BACKFILL AS REQUIRED BY PG&E SPECIFICATIONS, AND ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
10. CUSTOMER WILL BE REQUIRED TO MAKE TEMPORARY AND/ OR PERMANENT PAVING IN ACCORDANCE WITH ANY LOCAL CITY, COUNTY OR STATE REQUIREMENTS.
11. THE GAS SERVICE TRENCH FACILITIES WILL BE INSTALLED PER GAS STANDARD A-42. FOOTAGES ARE PER TYPICAL GAS STA/ TRENCH INSTALLATION DETAIL UNLESS OTHERWISE NOTED.
12. PG&E WILL BE REQUIRED TO USE 1000' ROLL OF TERRA TAPE LABELED "CAUTION GAS LINE BURIED BELOW" ALL OPEN TRENCH INCLUDING TRANSMISSION & DISTRIBUTION FACILITIES, BELL HOLES, EXCAVATING FOR REPAIR PURPOSES & RISER REPLACEMENTS, PER GAS STANDARD L-16

NOTE:
THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITS, PRIOR TO COMMENCING THE WORK.

NOTE:
THE CONTRACTOR TO VERIFY RIGHT OF WAY, PUBLIC UTILITY EASEMENT ACQUISITION PRIOR TO CONSTRUCTION AT NO COST TO PG&E.

GASLINE CAUTION TAPE

NOTE: BOND LOCATING WIRES TOGETHER AT ALL PLASTIC TO PLASTIC TIE-INS.

DEACTIVATION:
DEACTIVATE ALL MAIN AND SERVICES PER TD-9500P-16

GAS NOTES

1. CUSTOMER WILL PERFORM ALL OFFSITE TRENCHING, BORING SUBSTRUCTURE EXCAVATION, BACKFILL, COMPACTION AND PAVEMENT REPLACEMENT OPERATIONS AS NEEDED.
2. ~~SEE TRENCH CROSS SECTION FOR PROPERTY PLACEMENT OF THE GAS MAIN.~~
3. ~~SEE TRENCH COVER AND CLEARANCE REQUIREMENTS.~~ ~~SEE DESIGN COMPOSITE FOR GAS~~ ~~CHART FOR COVER AND~~
4. PG&E TO PERFORM "HOT" TIE-IN OF PROPOSED 6" PLASTIC MAIN. (SEE TIE-IN NOTES ON SHEET 4)
5. PG&E TO INSTALL MAIN & METER.
6. TEST MAIN AND SERVICES AS REQUIRED AND RECORD RESULTS ON THIS SHEET AND ON SERVICE GRADES.

TEST AT 100- PSI OR MINIMUM OF MIN.			
PRESSURE	DURATION	INITIALS	DATE OF TEST

PLASTIC PIPE DATA

SIZE	MANUFACTURER	DATE MANUFACTURED
4"		
8"		
8"		
8"		

PLASTIC PIPE INSPECTION/DATA		
FOOTAGE/SIZE	/	4"
MANUFACTURED BY:		
FOOTAGE/SIZE	/	6"
MANUFACTURED BY:		
FOOTAGE/SIZE	/	8"
MANUFACTURED BY:		

LIST ALL PLASTIC PIPE BY FOOTAGE, SIZE, MANUFACTURER AND DATE MANUFACTURED PER GAS STANDARD A-93.1

48 HRS PRIOR TO TRENCHING CALL 811:
NOTIFIED U.S.A.
DATE:
TICKET #:
BY:

DESIGN CHANGE COMPONENT
ANY CHANGES TO THIS DESIGN MUST BE APPROVED BY
JOHN HOUBEN 209-942-1498
PG&E GAS ADE

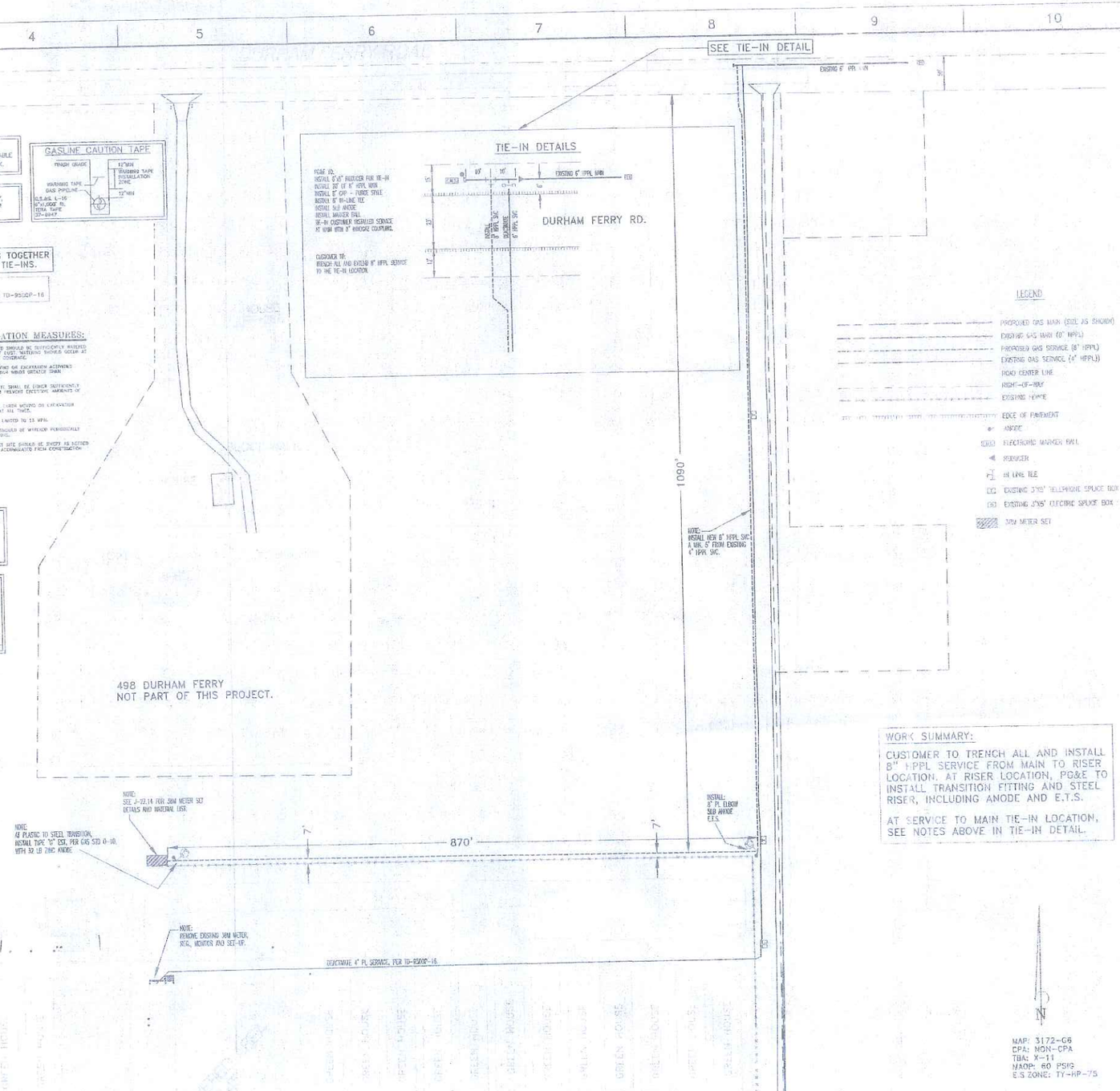
USA NORTH REGIONAL ONLY 24HR CALL USA TOLL FREE 811
CALL BEFORE YOU DIG

ATTENTION FOREMAN
PRIOR TO STARTING JOB, CONSULT AREA CORROSION MECHANIC FOR LOCATING WIRE INSTALLATION AND CATHODIC PROTECTION REQUIREMENTS.
NUMBER: Richard Juarez 209-543-3182
SIGNED:

INSTALLATION TESTED OR INSPECTED AND NOTED ON DRAWING. ALL LEVELS SATISFACTORY PER PG&E GS&S 0-18
QUALIFIED EMPLOYEE: DATE:
LOCATING WIRE SPLICED / BONDED TO:
MAIN ☐ LOC. WIRE ☐ OTHER ☐

AIR QUALITY MITIGATION MEASURES:

1. ALL MATERIAL EXCAVATED OR GRADED SHOULD BE SUFFICIENTLY WATERED TO PREVENT EXCESSIVE AMOUNTS OF DUST. WATERING SHOULD OCCUR AT LEAST TWICE A DAY WITH COMPLETE COVERAGE.
2. ALL CLEARING, GRADING, EARTH MOVING OR EXCAVATION ACTIVITIES SHALL CEASE DURING PERIODS OF HIGH WINDS (GREATER THAN 20 MPH AVERAGE OVER ONE HOUR).
3. ALL MATERIAL TRANSPORTED OFF-SITE SHALL BE EITHER SUFFICIENTLY WATERED OR SECURELY COVERED TO PREVENT EXCESSIVE AMOUNTS OF DUST.
4. THE AREA DISTURBED BY CLEARING, EARTH MOVING OR EXCAVATION ACTIVITIES SHOULD BE MINIMIZED AT ALL TIMES.
5. ON-SITE VEHICLE SPEED SHALL BE LIMITED TO 15 MPH.
6. ALL AREAS WITH VEHICLE TRAFFIC SHOULD BE WATERED PERIODICALLY FOR STABILIZATION OF DUST EMISSIONS.
7. EFFORTS (PRIOR TO THE PROJECT SITE SURVEY) BE MADE TO REVEGETATE DISTURBED AREAS THAT MAY HAVE ACCUMULATED FROM CONSTRUCTION ACTIVITIES.



LEGEND

- PROPOSED GAS MAIN (SIZE AS SHOWN)
- EXISTING GAS MAIN (8" HPPL)
- PROPOSED GAS SERVICE (8" HPPL)
- EXISTING GAS SERVICE (4" HPPL))
- ROAD CENTER LINE
- RIGHT-OF-WAY
- EXISTING FENCE
- EDGE OF PAVEMENT
- ANODE
- ELECTRONIC MARKER BALL
- REDUCER
- IN LINE TEE
- EXISTING 3"X5" TELEPHONE SPLICE BOX
- EXISTING 3"X5" ELECTRIC SPLICE BOX
- JBM METER SET

WORK SUMMARY:

CUSTOMER TO TRENCH ALL AND INSTALL 8" HPPL SERVICE FROM MAIN TO RISER LOCATION. AT RISER LOCATION, PG&E TO INSTALL TRANSITION FITTING AND STEEL RISER, INCLUDING ANODE AND E.T.S.

AT SERVICE TO MAIN TIE-IN LOCATION, SEE NOTES ABOVE IN TIE-IN DETAIL.

MAP: 3172-G6
CPA: NON-CPA
TBA: X-11
MAOP: 60 PSIG
E.S ZONE: TY-HP-75

ENGINEERING AND PLANNING DEPT.
4040 WEST LANE
STOCKTON, CA 95204
PHONE #:209-952-1498 FAX #:209-547-7780
PACIFIC GAS AND ELECTRIC COMPANY

CO:
SC:
NOTE: 10697978
Other:
SHT:
PM: 31131068
SHEETS
REV.

EST: JG HOUBEN
ADE: JG HOUBEN
SUPV: CG BRISKY
REP: DR CALLAS
PLNR: DC RYMERS
SCALE: 1"=80'
DATE: 2/23/15

REV.	DATE	DESCRIPTION	ORDER #	DWN	CHKD	SUPV	APVD BY
		REVISIONS					

REPLACE 6" HPPL SERVICE WITH 8" HPPL
MASTER PLANT
490 W. DURHAM FERRY RD.
TRACY UNINC. - S.J. COUNTY