EASEMENT/ WORK SPACE

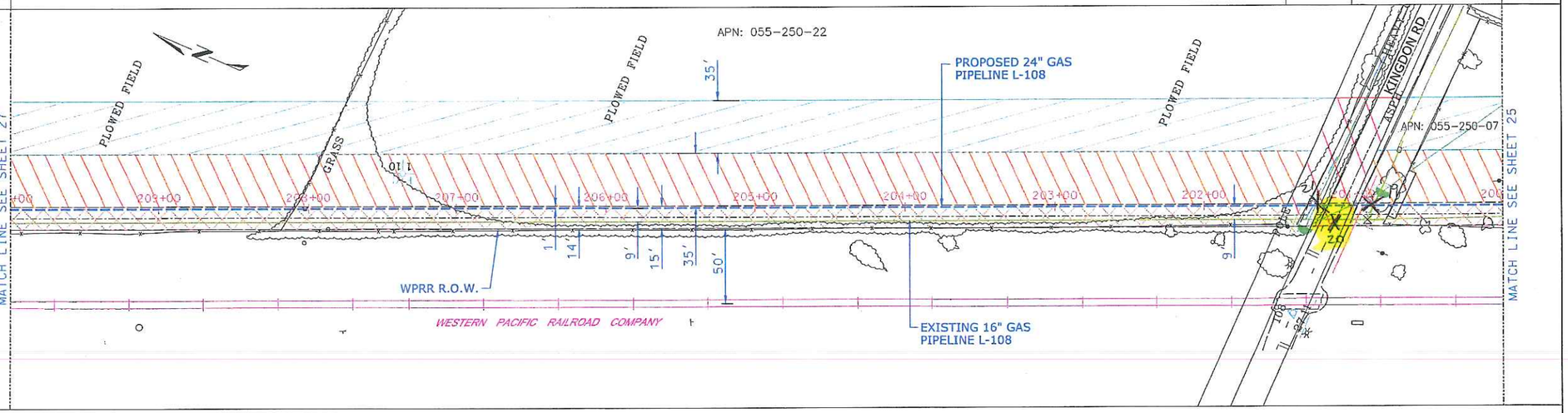
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- FRANCHISE ENCROACHMENT
- EXIST. PERMANENT EASEMENT
- IMPACTED EXIST. PERM. EASEMENT

ENVIRONMENTAL: GENERAL | CLASS LOC | CULTURAL | BIOLOGICAL | WATERBODIES | EXCLUSIONS

RIGHT OF WAY — TRACT NUMBER OWNERSHIP/AGENCY — PROPERTY SKETCH NO. PERMIT DWG. NO

210+00 | APN: 055-250-22 | 201+44 SAN JOAQUIN COUNTY 201+00 | APN: 055-250-07 | 200+00

SURVEY PLAN — SCALE: 1"=XX'



SURVEY PROFILE — ELEVATION DATUM: — LOCATION OF BENCH MARK: — VERTICAL SCALE: 1"=XX' — HORIZONTAL SCALE: 1"=XX'

X = POTHOLE LOCATION (IN PAVEMENT)

PIPELINE DETAILS STATIONING

MINIMUM COVER: 48"

MATCH LINE H STA. 210+00 P STA. 210+00

1000' OF 24.000" API-5L, X-60, SAWL (DSAW), 0.375" W.T. ITEM# 1

MATCH LINE H STA. 200+00 P STA. 200+00

GIE # 1581-108_1-DG-7002-00 PSRS# 24077, 18025 AND 18579

STA. _____
JOB NO. _____
B/M ITEM NO. _____
DESIGN CRITERIA
LOCATION CLASS _____
DESIGN FACTOR _____
FDP _____ PSIG _____ % SMYS
MAOP _____ PSIG _____ % SMYS
STRENGTH TEST PRESSURE
MAX. _____ PSIG _____ % SMYS
MIN. _____ PSIG _____ % SMYS
_____ PSIG=90% SMYS
TEST MEDIUM _____
PIPE SPEC _____
O.D. _____ "
W.T. _____ "
WELD INSPECTION (GAS STD.D-40)*
☐RADIOGRAPHIC:
☐20% MIN. (% OF EACH WELDER'S
☐100% DAILY WORK)
*VISUALLY INSPECT 100% OF ALL WELDS THAT ARE NOT RADIOGRAPHICALLY INSPECTED. (THIS REQUIREMENT APPLIES EVEN IF NO RADIOGRAPHIC INSPECTION IS REQUIRED.)

STA. _____
JOB NO. _____
B/M ITEM NO. _____
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LOCATION CLASS _____
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PRELIMINARY
DO NOT USE FOR CONSTRUCTION

SAFETY

SAFETY PLEDGE

I ALWAYS PUT SAFETY FIRST.
I LOOK FOR AND ACT TO RESOLVE UNSAFE SITUATIONS.
I HELP AND ENCOURAGE OTHERS TO ACT SAFELY.

PG&E

UNDERGROUND SERVICE ALERT USA — CALL BEFORE YOU DIG — CALL:811

NOTIFIED U.S.A.
DATE TICKET NO. BY

WELDING INSPECTED PER PG&E GAS STANDARD D-40
VISUAL _____ ☐
MAGNETIC PARTICLE _____ ☐
INSPECTOR _____
DATE _____

NOTE:
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NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
00	12-19-12	ISSUE FOR 30% REVIEW	30843913				

REVISIONS

APPROVED BY: JN 30843913 | SUPV | DSGN | DWN | CHKD | OK | DATE 11-14-12 | SCALES 1" = 40'

PIPELINE - PLAN & PROFILE
INSTALL X,XXX' OF 24" PIPE
L-108_1 REPLACEMENT
MP 37.14 - MP 43.50
SAN JOAQUIN COUNTY
PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK , CALIFORNIA

MICROFILM

BILL OF MATL	SHEET 46
DWG LIST	SHEET
SUPSDS	
SUPSD BY	
SHEET NO. 26 OF 49 SHEETS	

30843913
30712773
30604310
00

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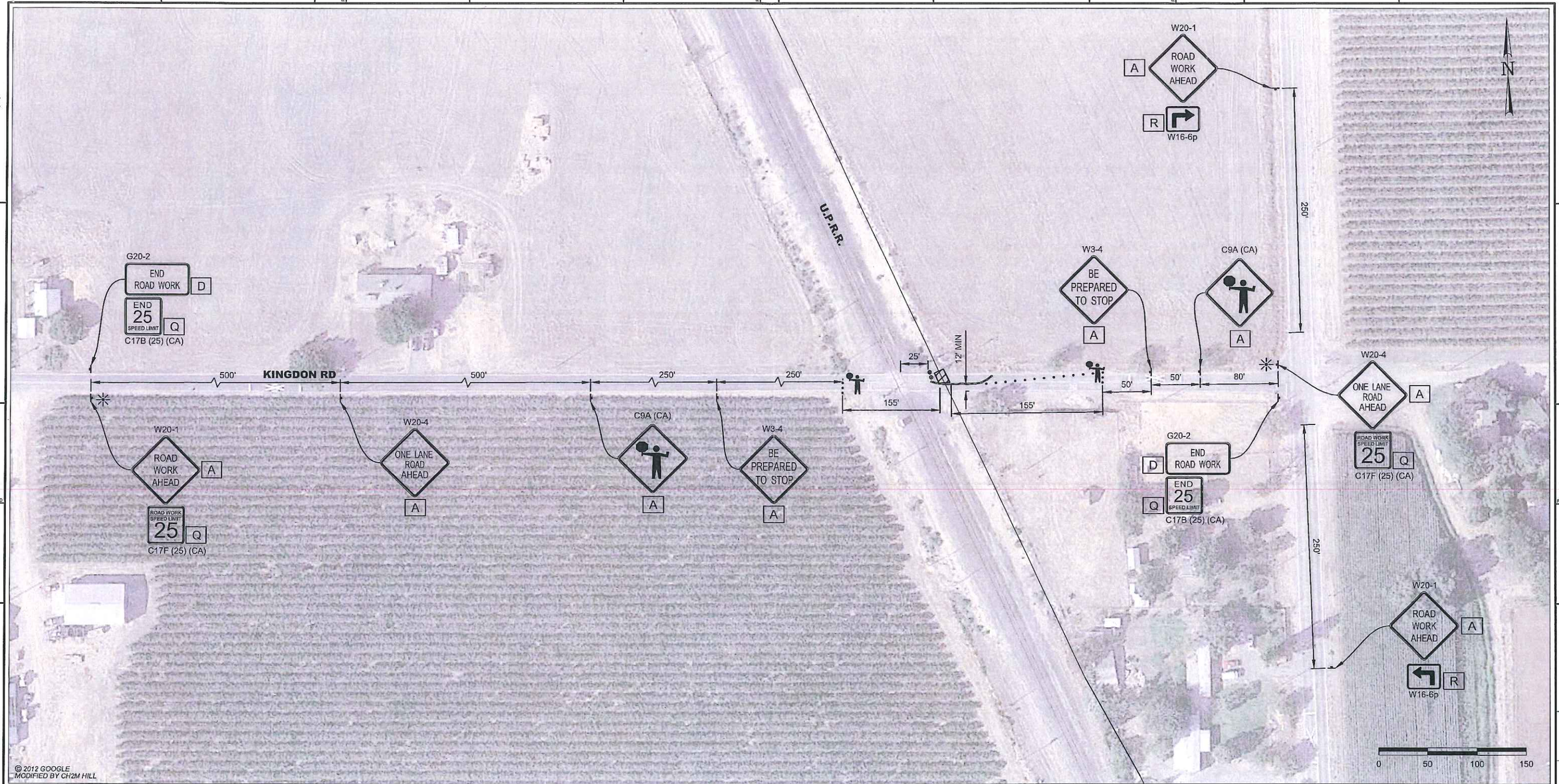

CONTRACTOR NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CALTRANS STANDARD PLANS AND SPECIFICATIONS.
2. THE LOCAL FIRE DEPARTMENT, SHERIFF/POLICE DEPARTMENT, CALIFORNIA HIGHWAY PATROL, LOCAL SCHOOL DISTRICT, TRANSIT SERVICE PROVIDERS AND UNITED STATES POSTAL SERVICE SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF CONSTRUCTION WORK.
3. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE REPAIR OF ANY DAMAGE TO EXISTING IMPROVEMENTS RESULTING FROM THE CONTRACTOR'S OPERATION. THIS REPAIR SHALL INCLUDE ALL CONSTRUCTION AND MATERIALS TO RESTORE THE SITE TO EXISTING CONDITIONS.
4. EACH ADVANCED WARNING SIGN ON EACH SIDE OF THE ROADWAY SHALL BE EQUIPPED WITH AT LEAST TWO FLAGS. FLASHING BEACONS SHALL BE PLACED AT THE LOCATION INDICATED FOR LANE CLOSURE DURING HOURS OF DARKNESS.
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LEGEND

- • = CHANNELIZER (10' SPACING O.C.)
- ◎ = PLASTIC TRAFFIC DRUM (10' SPACING O.C.)
- = TEMPORARY SIGN POST
- = PLASTIC WATER-FILLED BARRIER (NCHRP 350 TL-2)
- = WORK ZONE
- ✳ = PORTABLE FLASHING BEACON
- → = DIRECTIONAL TRAFFIC FLOW

SIGN PANEL SIZE

A	48" X 48"
D	48" X 24"
Q	24" X 24"
R	24" X 18"

REGISTERED PROFESSIONAL ENGINEER
K. DANIEL YAU
No. 14611
Exp. 3/31/14
CIVIL
STATE OF CALIFORNIA
12/20/12

MICROFILM

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
0	12/20/12	ISSUED FOR PERMIT	30843913	DOC	SKL	KDY	

REVISIONS

APPROVED BY	GM 30843913	
	SUPV	
	DSGN	SKL
DOC	DWN	DOC
	CHKD	SKL
SKL	OK	KDY
KDY	DATE	12/20/12
	SCALES	AS SHOWN

L-108_1 R-007 REPLACEMENT PROJECT
TRAFFIC CONTROL PLAN
HALF CLOSURE OF KINGDON RD
MP 37.14 – MP 43.50
SAN JOAQUIN COUNTY, CALIFORNIA
PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK, CALIFORNIA

BILL OF MATL	
DWG LIST	
SUPSDS	
SUPSD BY	
SHEET NO.	8 OF 14 SHEETS
1518-108_1-DC-7002-22	0

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EASEMENT/ WORK SPACE

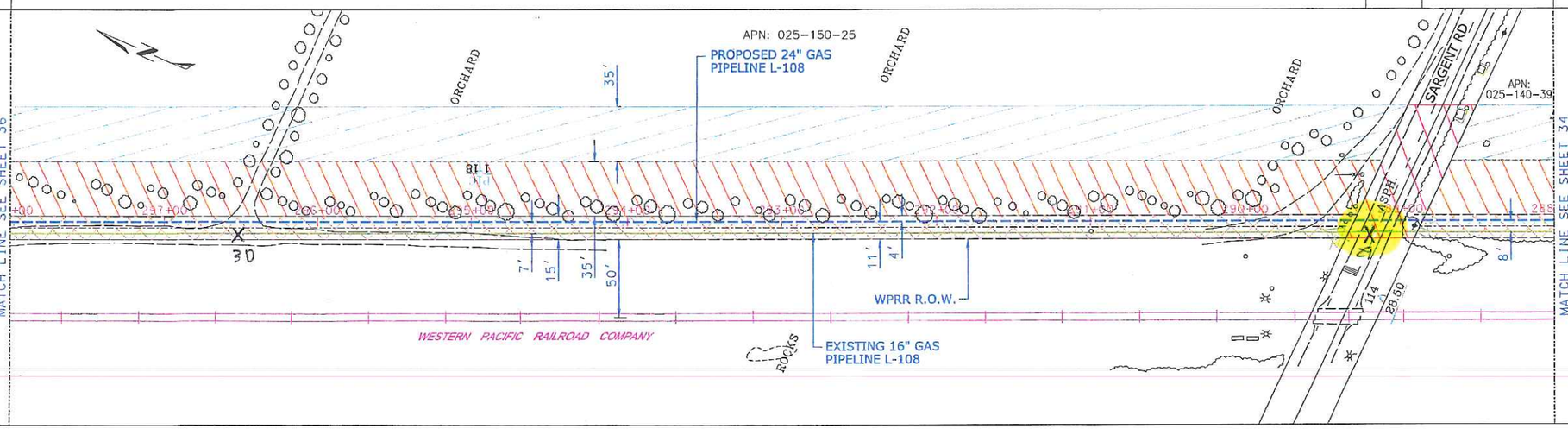
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- FRANCHISE ENCROACHMENT
- EXIST. PERMANENT EASEMENT
- IMPACTED EXIST. PERM. EASEMENT

ENVIRONMENTAL: GENERAL | CLASS LOC | CULTURAL | BIOLOGICAL | WATERBODIES | EXCLUSIONS

RIGHT OF WAY
TRACT NUMBER
OWNERSHIP/AGENCY
PROPERTY SKETCH NO.
PERMIT ENG. NO

298-00 | APN: 025-150-25 | 289-22 SAN JOAQUIN COUNTY | 288-85 APN: 025-140-39 | 288-00

SURVEY PLAN
SCALE: 1"=XX'



SURVEY PROFILE
ELEVATION DATUM:
LOCATION OF BENCH MARK:
VERTICAL SCALE: 1"=XX'
HORIZONTAL SCALE: 1"=XX'

x = POTHOLE LOCATION (IN PAVEMENT)

PIPELINE DETAILS
STATIONING

MINIMUM COVER: 48"

MATCH LINE H STA. 298+00 P STA. 298+00

1000' OF 24.000" API-5L, X-60, SAWL (DSAW), 0.375" W.T. ITEM# 1

MATCH LINE H STA. 288+00 P STA. 288+00

STA. _____
JOB NO. _____
B/M ITEM NO. _____
DESIGN CRITERIA
LOCATION CLASS _____
DESIGN FACTOR _____
FDP _____ PSIG _____ % SMYS
MAOP _____ PSIG _____ % SMYS
STRENGTH TEST PRESSURE
MAX. _____ PSIG _____ % SMYS
MIN. _____ PSIG _____ % SMYS
_____ PSIG=90% SMYS
TEST MEDIUM _____
PIPE SPEC _____
O.D. _____ "
W.T. _____ "
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CALL:811

NOTIFIED U.S.A.
DATE TICKET NO. BY

WELDING INSPECTED PER PG&E GAS STANDARD D-40
VISUAL _____ ☐
MAGNETIC PARTICLE _____ ☐
INSPECTOR _____
DATE _____

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NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
-	-						
00	12-19-12	ISSUE FOR 30% REVIEW	30843913				

REVISIONS

APPROVED BY: LN 30843913 | SUPV | DSGN | DWN | CHKD | OK | DATE 11-14-12 | SCALES 1" = 40'

GIE # 1581-108_1-DG-7002-00 PSRS# 24077, 18025 AND 18579

PIPELINE - PLAN & PROFILE
INSTALL X,XXX' OF 24" PIPE
L-108_1 REPLACEMENT
MP 37.14 - MP 43.50
SAN JOAQUIN COUNTY
PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK, CALIFORNIA

MICROFILM

BILL OF MATL	SHEET 46
DWG LIST	SHEET
SUPSDS	
SUPSD BY	
SHEET NO. 35 OF 49 SHEETS	
30843913 30712773 30604310	00

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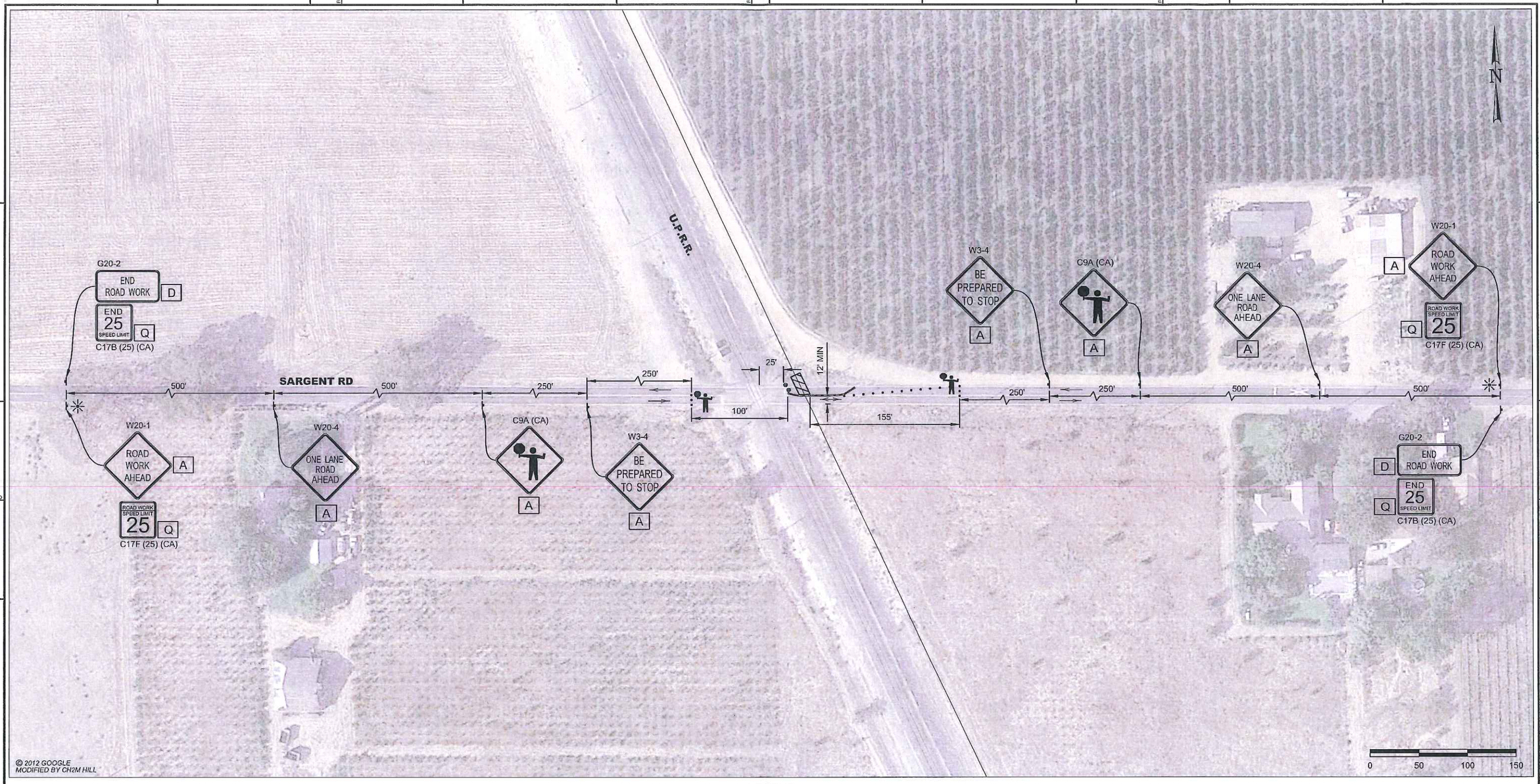

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SIGN PANEL SIZE

A	48" X 48"
D	48" X 24"
Q	24" X 24"

REGISTERED PROFESSIONAL ENGINEER
K. DANIEL YAU
No. 14611
Exp. 3/31/14
CIVIL
STATE OF CALIFORNIA
12/20/12

MICROFILM

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
0	12/20/12	ISSUED FOR PERMIT	30843913	DOC	SKL	KDY	

REVISIONS

APPROVED BY	GM 30843913
	SUPV
	DSGN SKL
DOC	DWN DOC
	CHKD SKL
SKL	OK KDY
KDY	DATE 12/20/12
	SCALES AS SHOWN

L-108_1 R-007 REPLACEMENT PROJECT
TRAFFIC CONTROL PLAN
HALF CLOSURE OF SARGENT
MP 37.14 – MP 43.50
SAN JOAQUIN COUNTY, CALIFORNIA
PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK, CALIFORNIA

BILL OF MATL	
DWG LIST	
SUPSDS	
SUPSD BY	
SHEET NO.	12 OF 14 SHEETS

1518-108_1-DC-7002-22 0

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EASEMENT/ WORK SPACE

- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORKSPACE
- ADDITIONAL TEMPORARY WORKSPACE
- FRANCHISE ENCROACHMENT
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ENVIRONMENTAL: GENERAL | CLASS LOC | CULTURAL | BIOLOGICAL | WATERBODIES | EXCLUSIONS

RIGHT OF WAY
TRACT NUMBER
OWNERSHIP/AGENCY
PROPERTY SKETCH NO.
PERMIT DWG. NO

357+00 | TBD | 351+22 | SAN JOAQUIN COUNTY | 350+78 | APN: 025-120-21 | 347+00

SURVEY PLAN
SCALE: 1"=XX'

MATCH LINE SEE SHEET 42

EXISTING 16" GAS PIPELINE L-108

PROPOSED 24" GAS PIPELINE L-108

LOCATION OF NEW 24" V-42.72 VALVE SET

WESTERN PACIFIC RAILROAD COMPANY

WPRR R.O.W.

50'

11'

15'

35'

40

35'

12" CASING

8" CASING

100'

8"

11'

TURNER RD

VINEYARD

ASPH.

ORCHARD

AT&T

POLE

APN: 025-120-21

MATCH LINE SEE SHEET 40

SURVEY PROFILE
HORIZONTAL SCALE: 1"=XX'
VERTICAL SCALE: 1"=XX'

ELEVATION DATUM:
LOCATION OF BENCH MARK:

MINIMUM COVER: 48"

PIPELINE DETAILS
STATIONING

MATCH LINE H STA. 357+00 P STA. 357+00

1000' OF 24.000" API-5L, X-60, SAWL (DSAW), 0.375" W.T. ITEM# 1

MATCH LINE H STA. 347+00 P STA. 347+00

X = POTHOLE LOCATIONS (IN SHOULDER)

STA. _____
JOB NO. _____
B/M ITEM NO. _____
DESIGN CRITERIA
LOCATION CLASS _____
DESIGN FACTOR _____
FDP _____ PSIG _____ % SMYS
MAOP _____ PSIG _____ % SMYS
STRENGTH TEST PRESSURE
MAX. _____ PSIG _____ % SMYS
MIN. _____ PSIG _____ % SMYS
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O.D. _____ "
W.T. _____ "
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PG&E

MICROFILM

UNDERGROUND SERVICE ALERT USA — DIG WITH CARE — CALL BEFORE YOU DIG
CALL:811

NOTIFIED U.S.A.
DATE TICKET NO. BY

WELDING INSPECTED PER PG&E GAS STANDARD D-40
VISUAL _____ ☐
MAGNETIC PARTICLE _____ ☐
INSPECTOR _____
DATE _____

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GE # 1581-108_1-DG-7002-00 PSRS# 24077, 18025 AND 18579

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
00	12-19-12	ISSUE FOR 30% REVIEW	30843913				

REVISIONS

APPROVED BY: JN 30843913 | SUPV | DSGN | DWN | CHKD | OK | DATE 11-14-12 | SCALES 1" = 40'

PIPELINE - PLAN & PROFILE
INSTALL X,XXX' OF 24" PIPE
L-108_1 REPLACEMENT
MP 37.14 - MP 43.50
SAN JOAQUIN COUNTY
PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK , CALIFORNIA

BILL OF MATL SHEET 46
DWG LIST SHEET
SUPSDS
SUPSD BY
SHEET NO. 41 OF 49 SHEETS
30843913
30712773
30604310
00

N1808

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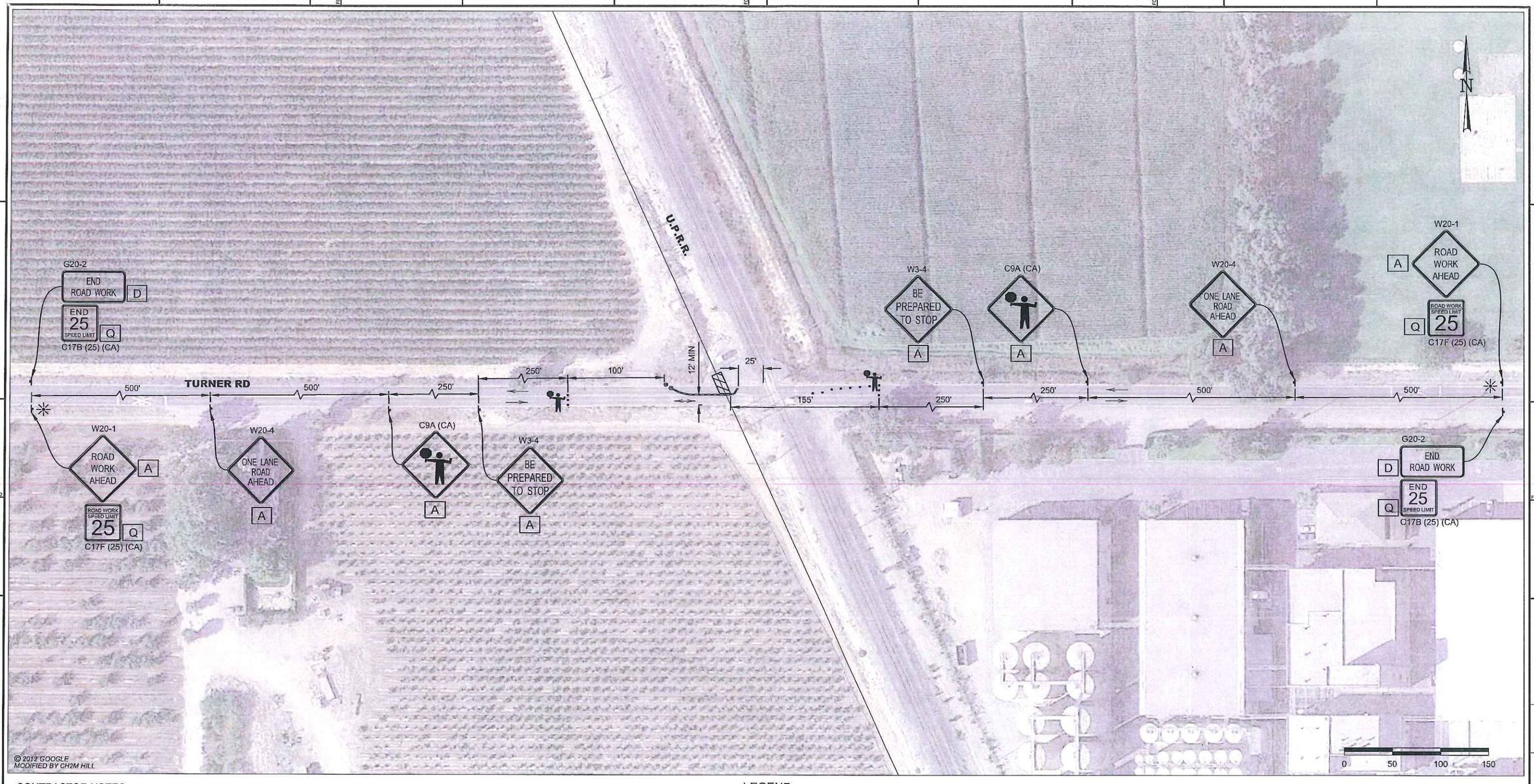

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MODIFIED BY CH2M HILL

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6. NO PARKING SIGNS SHALL BE PLACED 72 HOURS PRIOR TO SET UP. SIGNS SHALL BE POSTED EVERY 20 LINEAR FEET OF OCCUPIED SPACE WITH AT LEAST ONE SIGN AT EACH END OF OCCUPIED SPACE.
7. ANY CONFLICTING SIGNS WILL BE COVERED FOR THE LENGTH OF THE JOB.
8. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE AND DRIVEWAY ACCESS AT ALL TIMES.
9. Y&C TRANSPORTATION CONSULTANTS ASSUMES NO LIABILITY WHEN CONTRACTOR DOES OWN SET UP OR MAKES CHANGES TO THE ORIGINAL TRAFFIC CONTROL PLAN.
10. CITY/COUNTY ENGINEER OR HIS REPRESENTATIVE HAS THE AUTHORITY TO INITIATE FIELD CHANGES TO ASSURE PUBLIC SAFETY.
11. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL PLAN FOR CONSTRUCTION AREAS WHICH ARE NOT COVERED BY THESE TRAFFIC CONTROL PLANS.
12. CONTRACTOR SHALL FURNISH AND INSTALL WATER-FILLED BARRIER AND FENCE AROUND WORK ZONE FOR SAFETY PURPOSE.
13. WHEN WORK ZONE ENCROACHES OVER A DRIVEWAY OR CROSS ROAD, CONSTRUCTION WORK SHALL BE SPLIT INTO TWO STAGES FOR HALF CLOSURE IN ORDER TO MAINTAIN ACCESS.

LEGEND

- • = CHANNELIZER (10' SPACING O.C.)
- ◎ = PLASTIC TRAFFIC DRUM (10' SPACING O.C.)
- = TEMPORARY SIGN POST
- = PLASTIC WATER-FILLED BARRIER (NCHRP 350 TL-2)
- = WORK ZONE
- ✳ = PORTABLE FLASHING BEACON
- → = DIRECTIONAL TRAFFIC FLOW

SIGN PANEL SIZE

A	48" X 48"
D	48" X 24"
Q	24" X 24"

REGISTERED PROFESSIONAL ENGINEER
K. DANIEL YAU
No. 44811
Exp. 3/31/14
CIVIL
STATE OF CALIFORNIA
12/20/12

MICROFILM

NO.	DATE	DESCRIPTION	GM/SPEC	DWN	CHKD	SUPV	APVD BY
0	12/20/12	ISSUED FOR PERMIT	30843913	DOC	SKL	KDY	

REVISIONS

APPROVED BY	GM 30843913
	SUPV
	DSGN SKL
DOC	DWN DOC
	CHKD SKL
SKL	QK KDY
KDY	DATE 12/20/12
	SCALES AS SHOWN

L-108_1 R-007 REPLACEMENT PROJECT
TRAFFIC CONTROL PLAN
HALF CLOSURE OF TURNER RD
MP 37.14 – MP 43.50
SAN JOAQUIN COUNTY, CALIFORNIA
PACIFIC GAS AND ELECTRIC COMPANY
WALNUT CREEK, CALIFORNIA

BILL OF MATL	
DWG LIST	
SUPSDS	
SUPSD BY	
SHEET NO.	14 OF 14 SHEETS

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