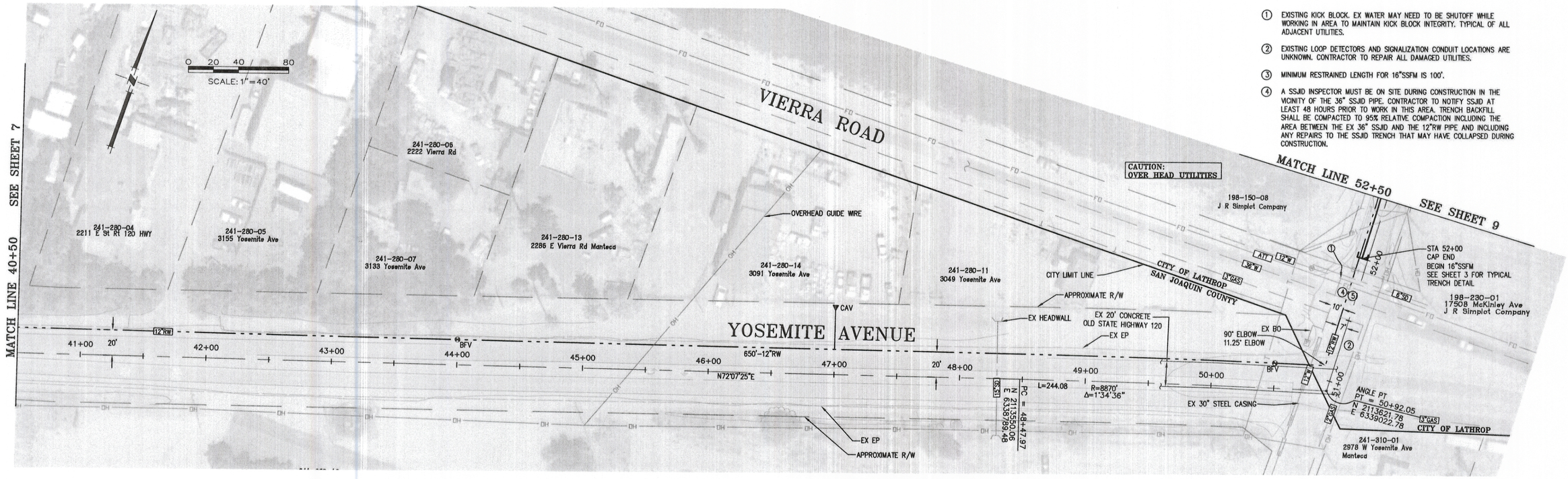
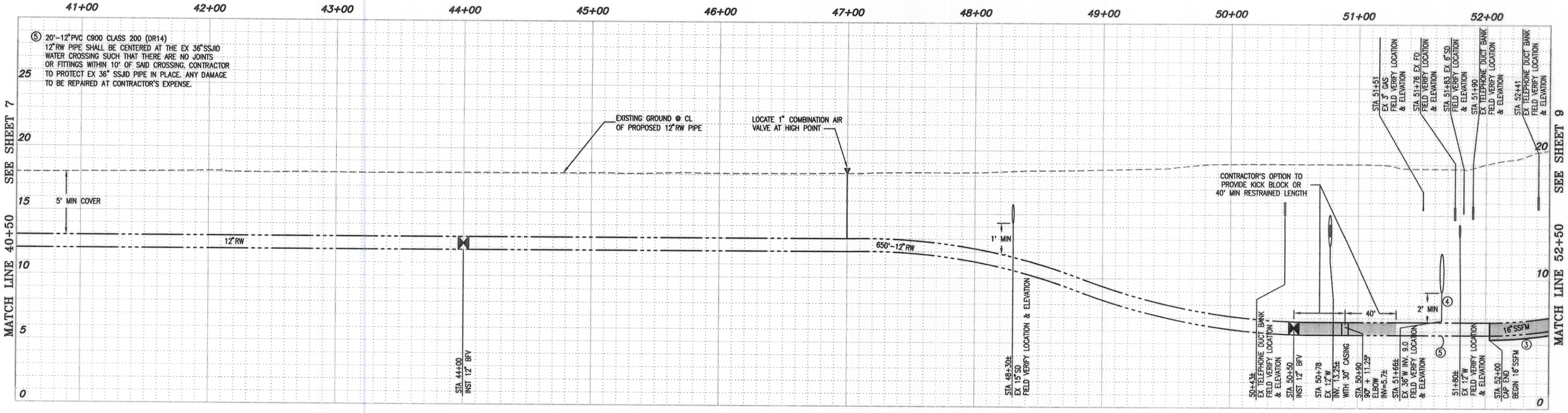
① EXISTING KICK BLOCK. EX WATER MAY NEED TO BE SHUTOFF WHILE WORKING IN AREA TO MAINTAIN KICK BLOCK INTEGRITY. TYPICAL OF ALL ADJACENT UTILITIES.

② EXISTING LOOP DETECTORS AND SIGNALIZATION CONDUIT LOCATIONS ARE UNKNOWN. CONTRACTOR TO REPAIR ALL DAMAGED UTILITIES.

③ MINIMUM RESTRAINED LENGTH FOR 16"SSFM IS 100'.

④ A SSJID INSPECTOR MUST BE ON SITE DURING CONSTRUCTION IN THE VICINITY OF THE 36" SSJID PIPE. CONTRACTOR TO NOTIFY SSJID AT LEAST 48 HOURS PRIOR TO WORK IN THIS AREA. TRENCH BACKFILL SHALL BE COMPACTED TO 95% RELATIVE COMPACTION INCLUDING THE AREA BETWEEN THE EX 36" SSJID AND THE 12"RW PIPE AND INCLUDING ANY REPAIRS TO THE SSJID TRENCH THAT MAY HAVE COLLAPSED DURING CONSTRUCTION.





NOTES:

1. THE EXACT VERTICAL AND HORIZONTAL LOCATION OF EXISTING UTILITIES ARE NOT SPECIFICALLY LOCATED. THE CONTRACTOR SHOULD EXERCISE EXTREME PRECAUTIONS. CONTRACTOR TO ADJUST PIPE INSTALLATION TO AVOID ALL UTILITIES.
2. THE CONTRACTOR IS RESPONSIBLE FOR FIELD CONDITIONS 24 HOURS A DAY.
3. THE CONTRACTOR SHALL NOTIFY THE DESIGN ENGINEER IF THE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS.
4. ALL TRENCHES SHALL BE SHORED OR PROTECTED IN ACCORDANCE WITH OSHA REQUIREMENTS.
5. ALL EXISTING IRRIGATION AND DRAINAGE LINES THAT ARE DAMAGED DURING CONSTRUCTION SHALL BE REPLACED.
6. PROPERTY OWNER TO BE NOTIFIED 1 WEEK IN ADVANCE OF CONSTRUCTION.
7. IF RESTRAINED JOINTS ARE NOT SPECIFIED THEN PROVIDE THRUST BLOCKS AT ALL PRESSURE LINE ANGLE POINTS PER CITY STANDARD DETAIL W-9.
8. CONTACT ENERGY OPERATION MANAGEMENT FOR ONSITE INSPECTION PRIOR TO ANY CONSTRUCTION NEAR THE EXISTING GAS MAIN LOCATED IN LOUISE AVENUE.
9. TRENCH BACKFILL IN SAN JOAQUIN COUNTY SHALL CONFORM TO COUNTY STANDARD DETAIL R-29.

WARNING • CAUTION

EXISTING UNDERGROUND UTILITIES
CONTACT: UNDERGROUND SERVICE ALERT
PHONE: (800) 642-2444
FOR MARKING PRIOR TO DIGGING

REGISTERED PROFESSIONAL ENGINEER ROBERT E. LASHELLS JR. 56,864 EXPIRES: 06-30-05 CIVIL STATE OF CALIFORNIA

REVISIONS NO.	DESCRIPTION	CHECKED BY	CITY APPROVAL APPROVED BY	DATE

MACKAY & SOMPS
INFRASTRUCTURE GROUP
ENGINEERS • PLANNERS • SURVEYORS
SAN RAMON, CA. 94583
PH: (925) 901-1190 FAX: (925) 901-1195

DESIGNED UNDER THE SUPERVISION OF:
BY: ROBERT E. LASHELLS JR.
EXPIRES: JUNE 30, 2005

OFFSITE PLANS
12" RECYCLED WATER LINE
PLAN AND PROFILE
DEPARTMENT OF PUBLIC WORKS
CITY OF LATHROP, CALIFORNIA

DATE: DECEMBER 2004
SCALE: 1"=40'H; 1"=4'V
DRAWN BY: GB
DESIGNED BY: GSJ
CHECKED BY: RRB/REL

APPROVED BY: DATE: 12-22-04
CITY ENGINEER
LATHROP, CALIFORNIA

PROJECT NO. 11345-00
DRAWING NO. PP5
SHEET 8 OF 18