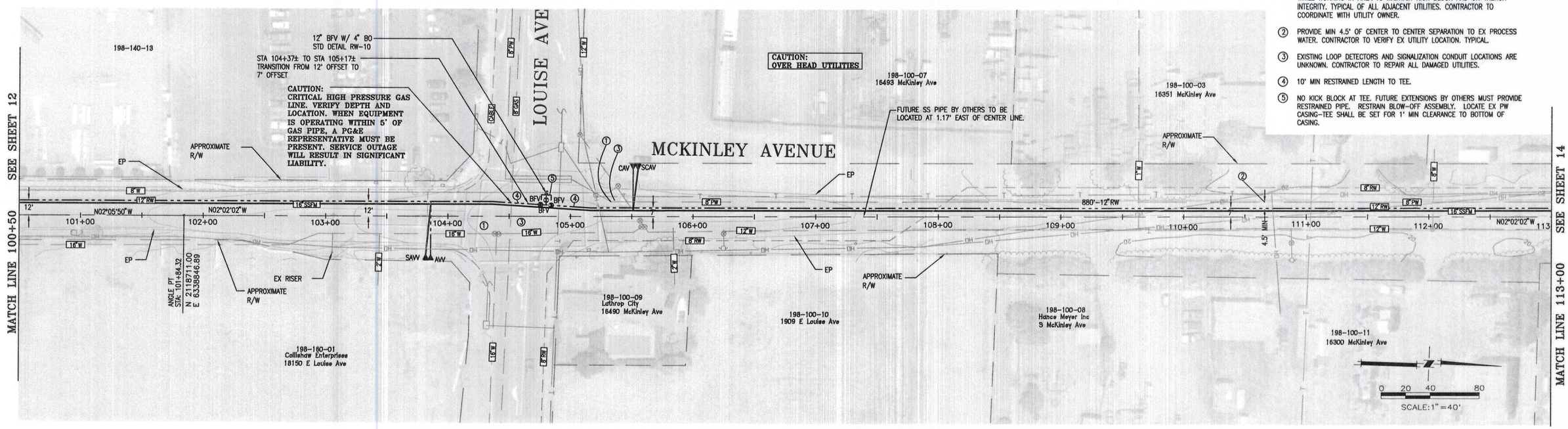
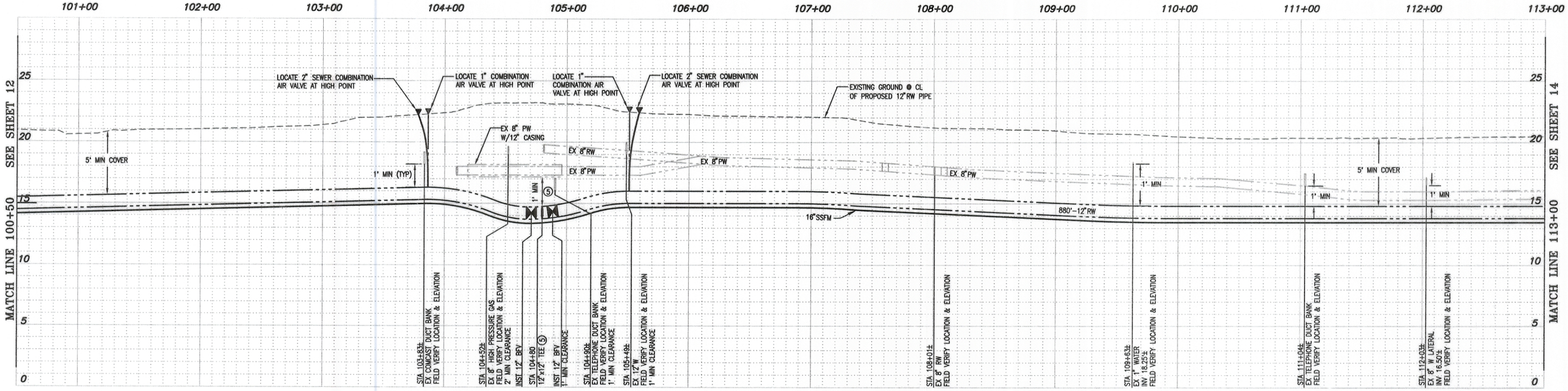


1. EXISTING KICK BLOCK. EX RW FORCEMAIN MAY NEED TO BE SHUTOFF WHILE WORKING IN AREA TO MAINTAIN KICK BLOCK AND OR TRENCH INTEGRITY. TYPICAL OF ALL ADJACENT UTILITIES. CONTRACTOR TO COORDINATE WITH UTILITY OWNER.
2. PROVIDE MIN 4.5' OF CENTER TO CENTER SEPARATION TO EX PROCESS WATER. CONTRACTOR TO VERIFY EX UTILITY LOCATION. TYPICAL.
3. EXISTING LOOP DETECTORS AND SIGNALIZATION CONDUIT LOCATIONS ARE UNKNOWN. CONTRACTOR TO REPAIR ALL DAMAGED UTILITIES.
4. 10' MIN RESTRAINED LENGTH TO TEE.
5. NO KICK BLOCK AT TEE. FUTURE EXTENSIONS BY OTHERS MUST PROVIDE RESTRAINED PIPE. RESTRAIN BLOW-OFF ASSEMBLY. LOCATE EX PW CASING-TEE SHALL BE SET FOR 1' MIN CLEARANCE TO BOTTOM OF CASING.



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.

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.
66,684
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: _____ 12/22/04
ROBERT E. LASHELLS JR.
EXPIRES: JUNE 30, 2005

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

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

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

PROJECT NO. 11345-00
DRAWING NO. PP10
SHEET 13 OF 18