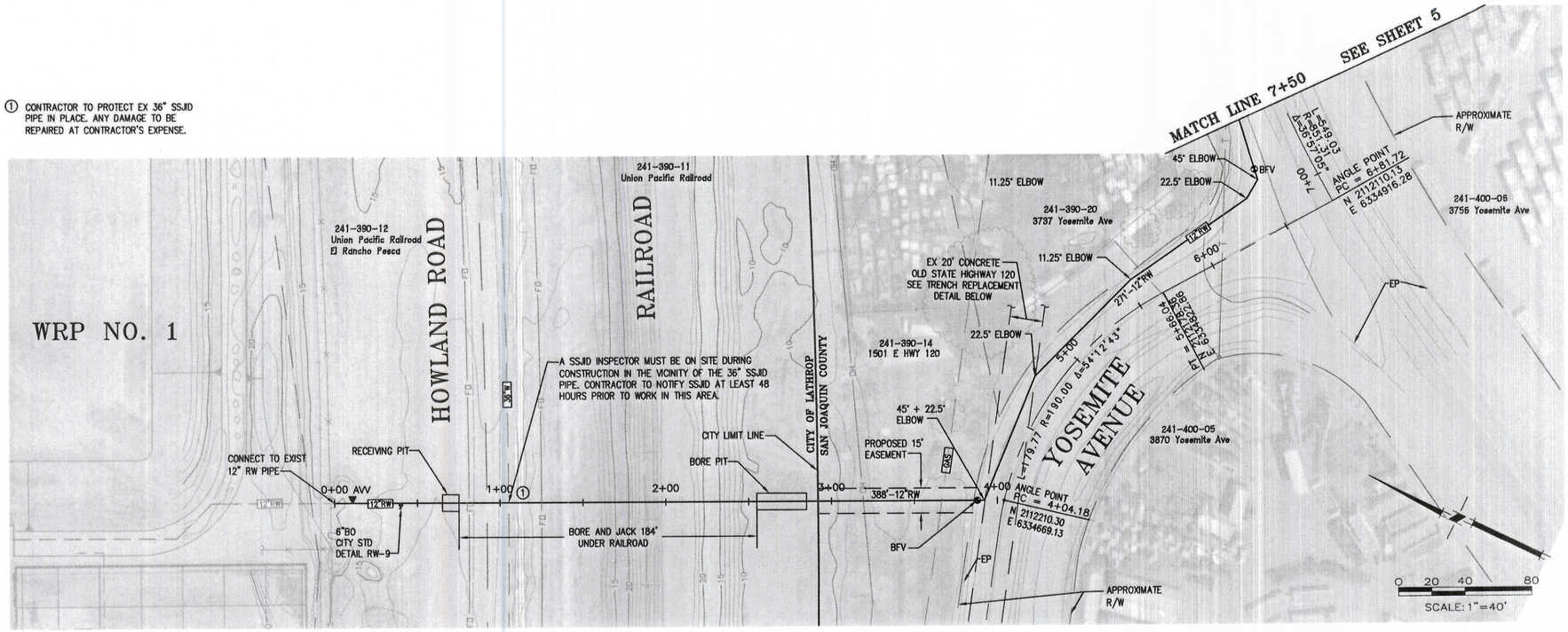
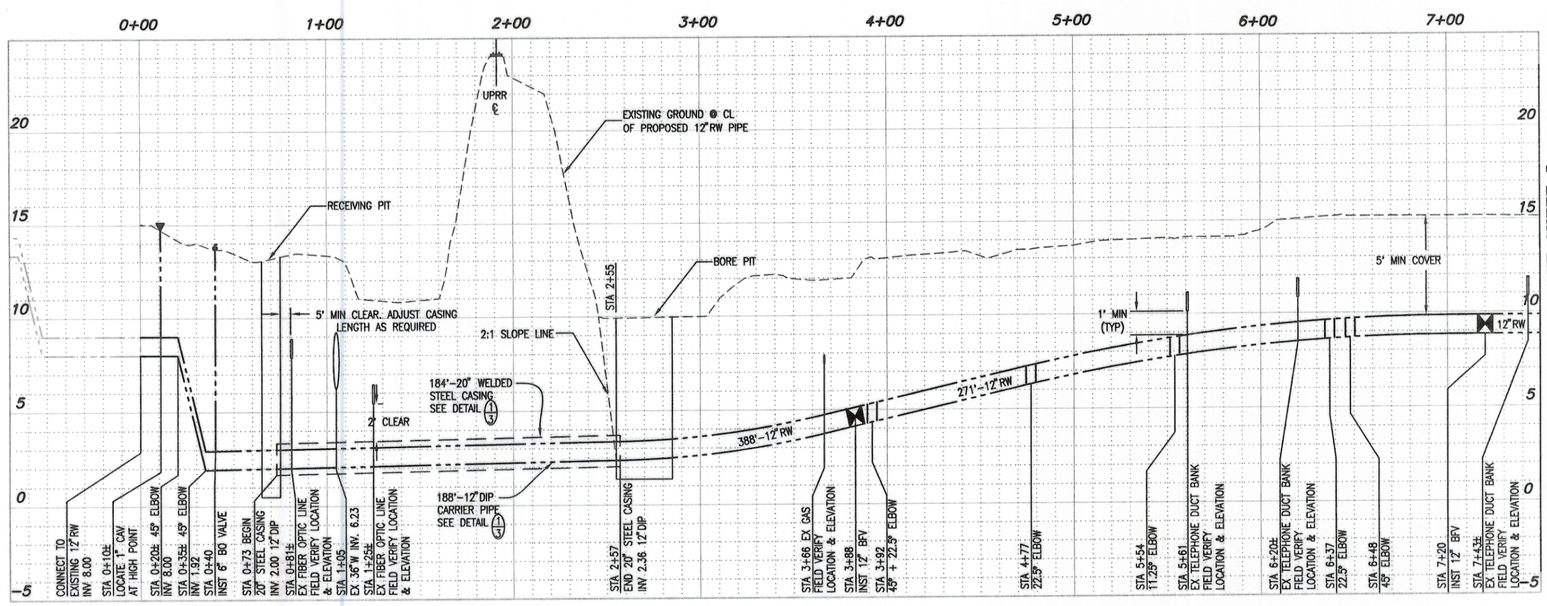
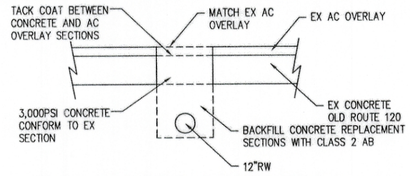
① CONTRACTOR TO PROTECT EX 36" SSJID PIPE IN PLACE. ANY DAMAGE TO BE REPAIRED AT CONTRACTOR'S EXPENSE.





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.

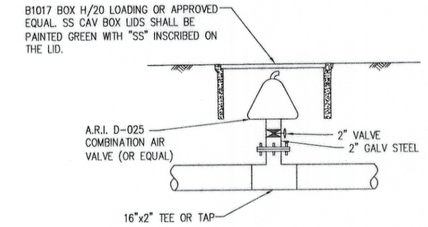


*TRENCH DETAIL ONLY APPLICABLE AT OLD ROUTE 120 CROSSINGS. FOR ALL OTHER TRENCHES WITHIN SAN JOAQUIN COUNTY SEE NOTE 9.

TRENCH DETAIL AT OLD ROUTE 120 CROSSING

NTS

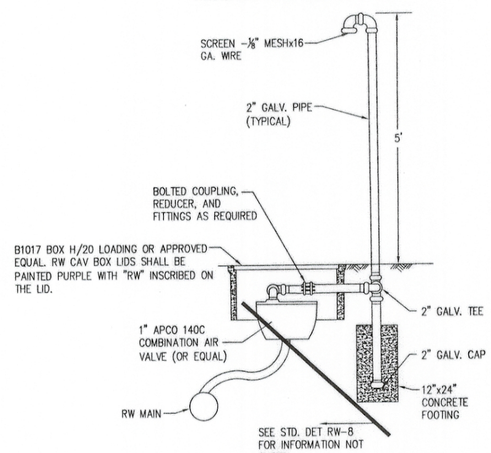
NOTE: MARK BOX WITH A 48" TYPE E DELINEATOR PER CALTRANS SAINDARDS. LOCATION OF COMBINATION AIR VALVE TO BE APPROVED BY CITY INSPECTOR.



SSFM COMBINATION AIR VALVE INSTALLATION

NTS

NOTE: MARK BOX WITH A 48" TYPE E DELINEATOR PER CALTRANS SAINDARDS. LOCATION OF COMBINATION AIR VALVE TO BE APPROVED BY CITY INSPECTOR.



RW COMBINATION AIR VALVE INSTALLATION

NTS

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. 56,684 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: _____ 12/21/04
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. PP1
SHEET 4 OF 18