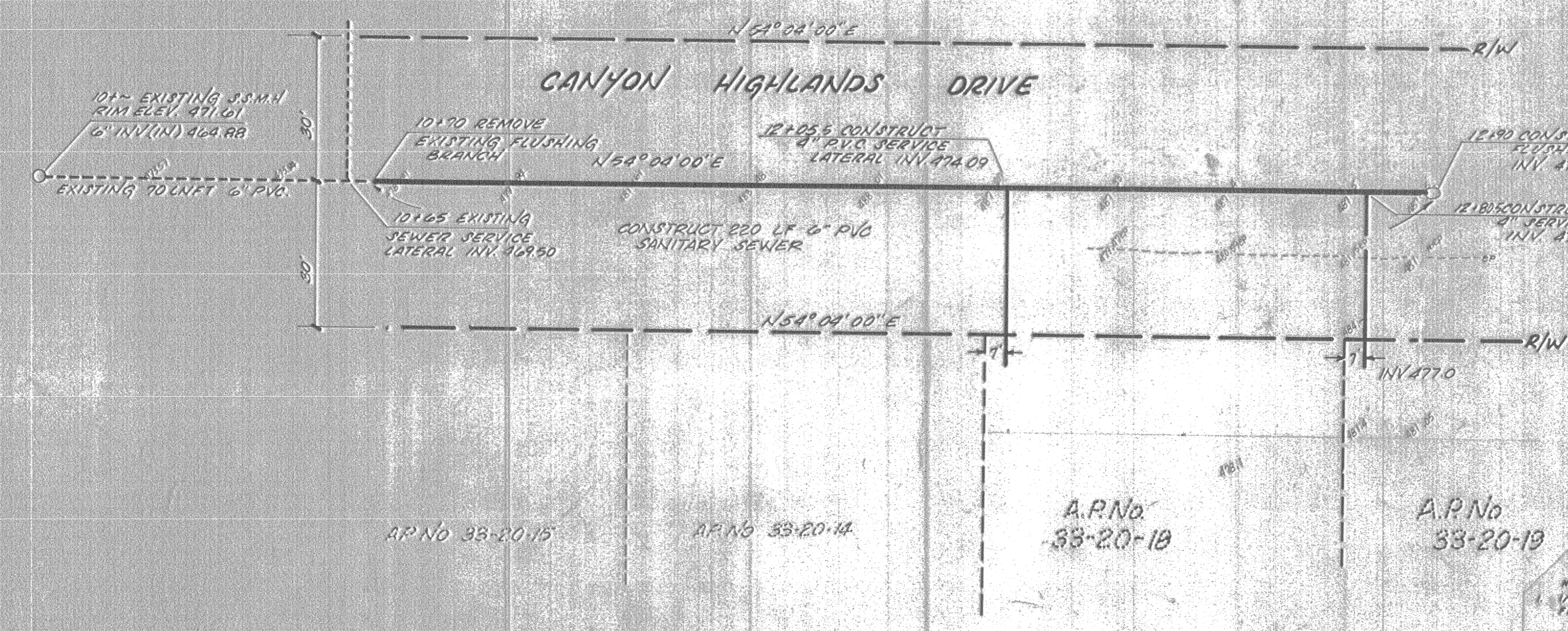
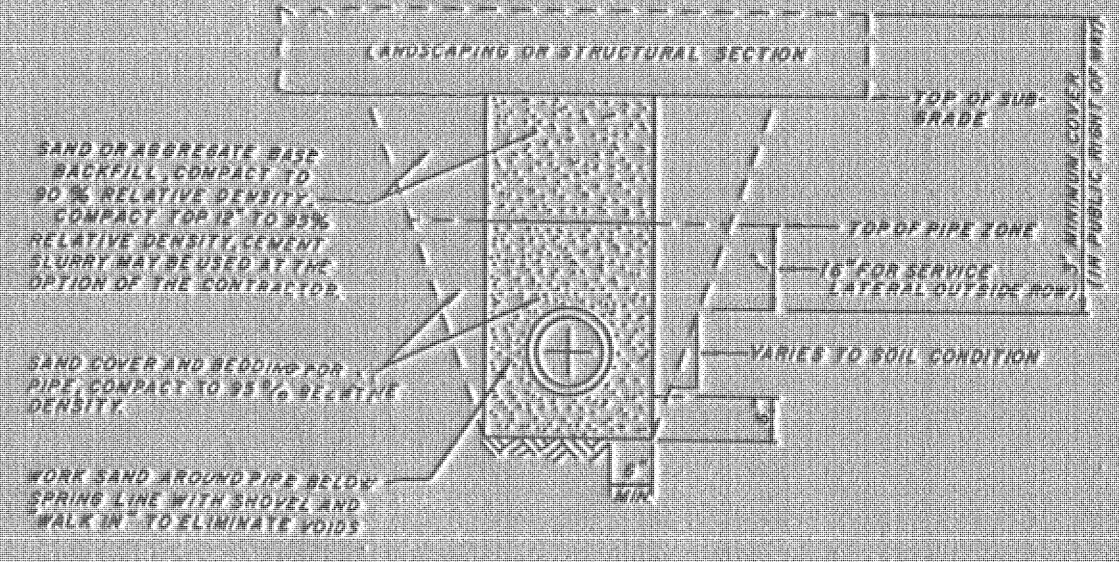
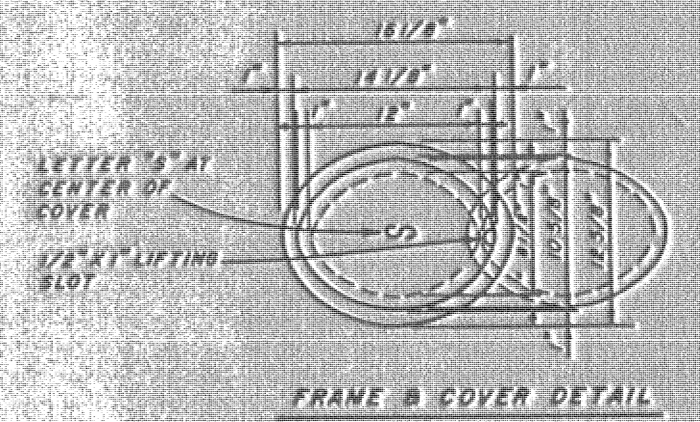


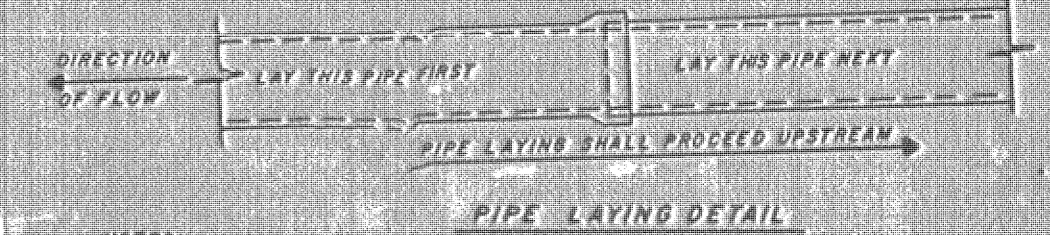
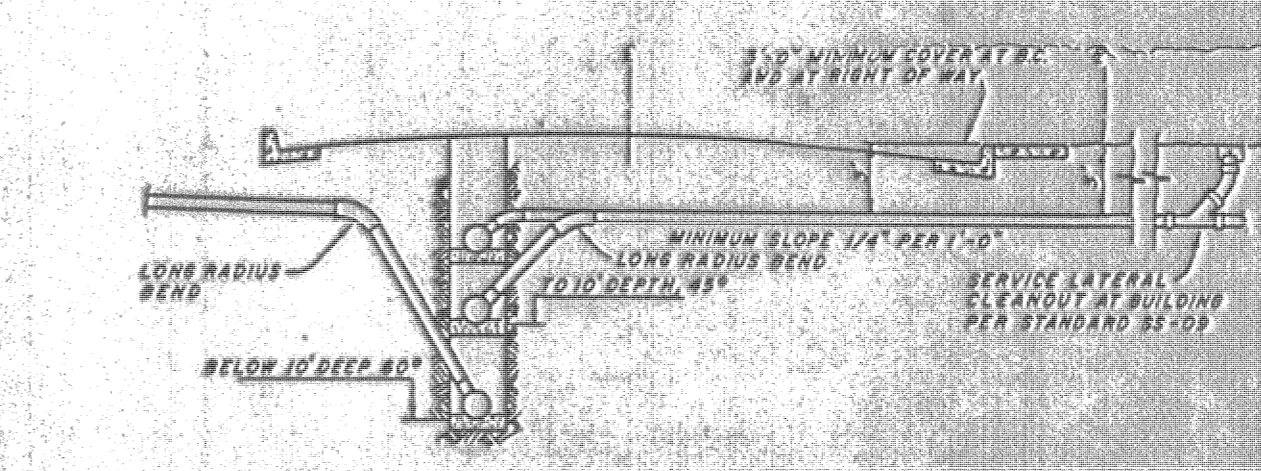
- SCOPE OF WORK ON SITE:**
- 1) CONSTRUCT 4" PVC HOUSE SERVICE LATERAL FROM 6" SEWER LINE WITH CLEAN OUTS AND LOCATION PER GROUND STAKES - 3" SAND BED - 8" MIN. COVER TOP OF PVC.
- SCOPE OF WORK WITHIN CITY OF OROVILLE RIGHT OF WAY:**
- 1) CONSTRUCT 220' 6" PVC SANITARY SEWER EXTENSION
  - 2) CONSTRUCT 1 FLUSHING BRANCH FOR SANITARY SEWER
  - 3) CONSTRUCT 2 30" 4" PVC HOUSE SERVICE LATERALS, S+0.010 CONNECT TO SEWER SYSTEM.
- ALL AS PER CITY OF OROVILLE STANDARDS AND SPECIFICATIONS AND AND FIELD CONTROL POINTS.
- INSPECTION, AND A WITNESS OF TESTING, BY CITY OF OROVILLE REPRESENTATIVE IS REQUIRED PRIOR TO BACKFILL OF ANY PIPE.
- 4) CONTRACTOR TO OBTAIN ENCROACHMENT PERMIT FROM CITY OF OROVILLE PUBLIC WORKS DEPT. PRIOR TO ANY WORK WITHIN THE CITY RIGHT OF WAY.
  - 5) DISTURBED PAVEMENT SHALL BE REPLACED WITH 2" OF ASPHALT CONCRETE OVER 8" OF AGGREGATE BASE COMPACTED TO 95% RD. ALL WORK TO BE DONE TO CITY STANDARDS.



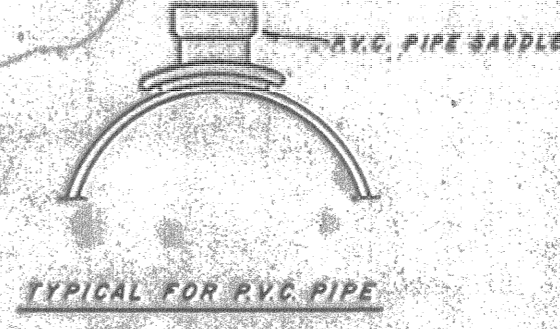
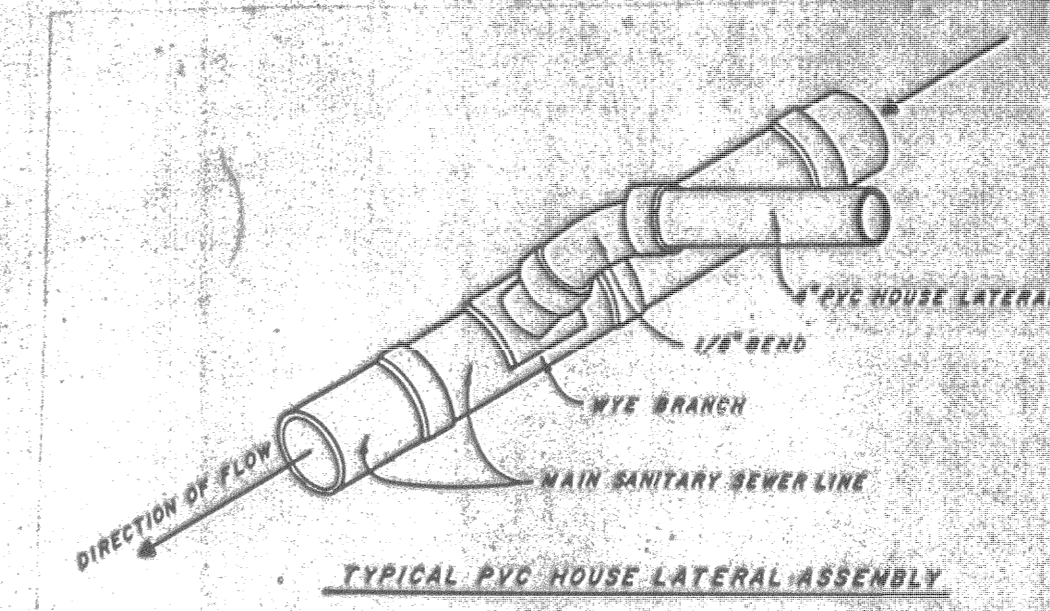
**VICINITY MAP**  
N.T.S.



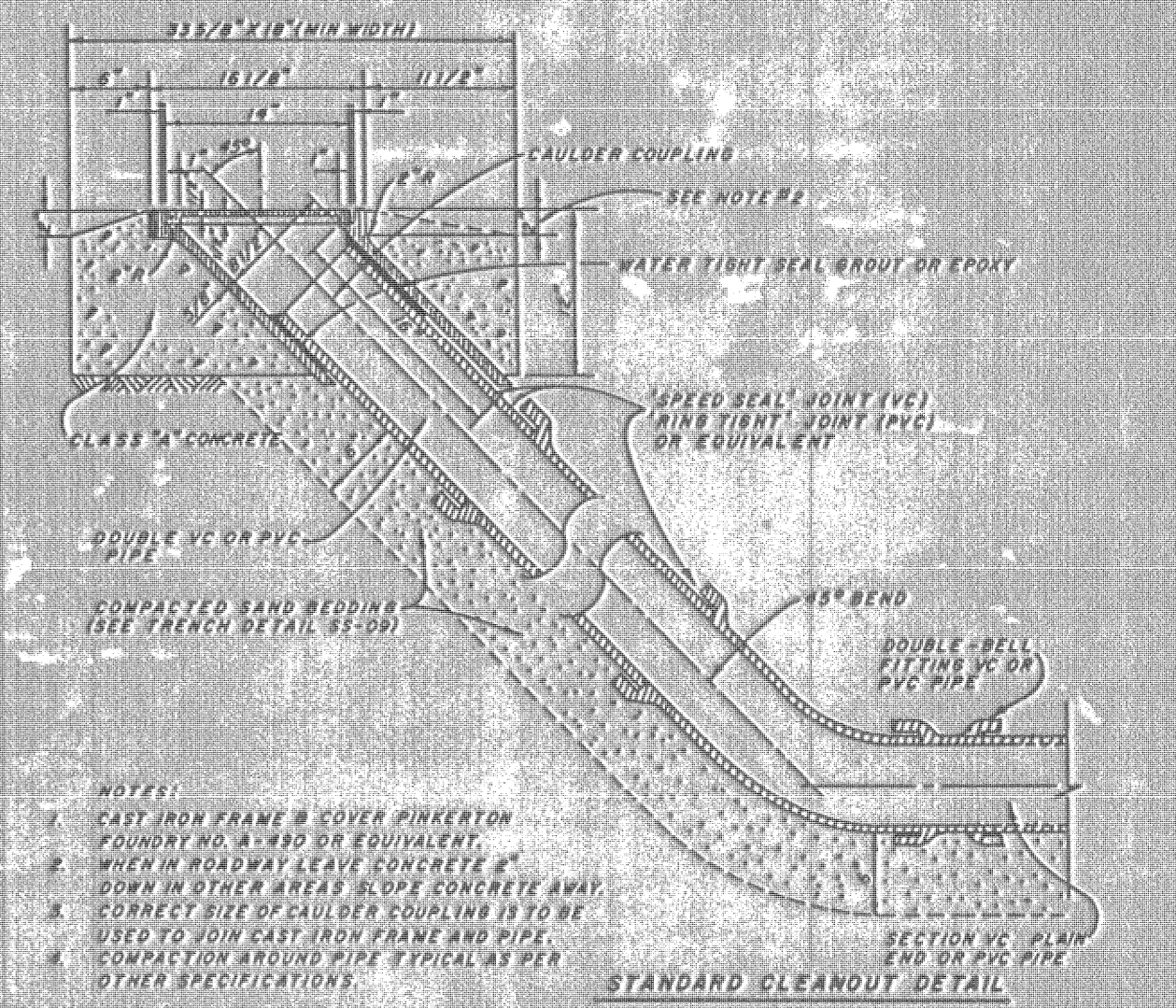
NOTE:  
1/16" CLEARANCE BETWEEN FRAME B COVER



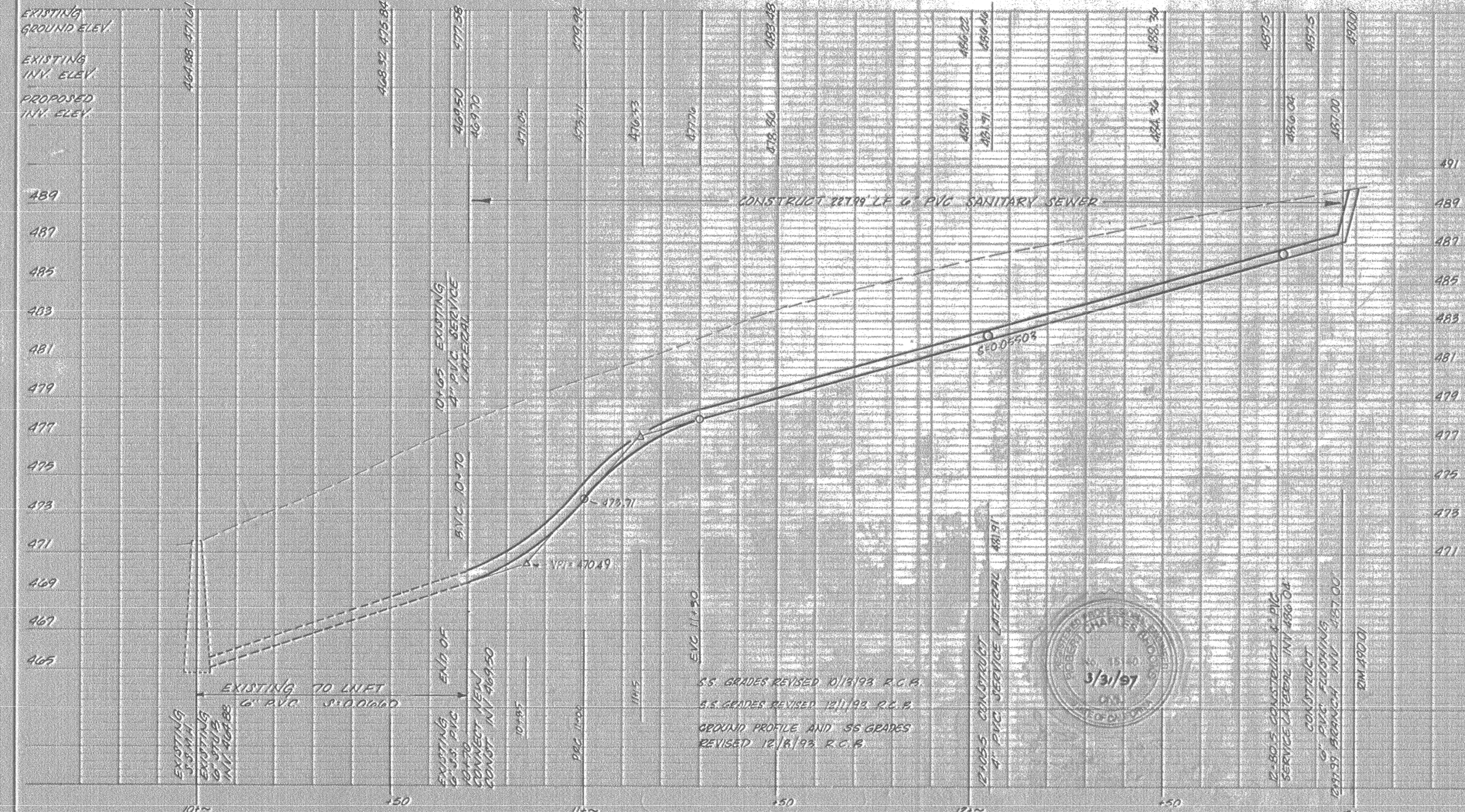
- NOTES:
1. SERVICE LATERALS MUST BE AT LEAST 8" IN DIAMETER. ALL OTHER LINES MUST BE AT 6" IN DIAMETER.
  2. THE LENGTH OF SERVICE LATERAL WHICH EXTENDS BEYOND THE PUBLIC RIGHT OF WAY DOES NOT REQUIRE COMPACTED BACKFILL ABOVE THE TOP OF PIPE ZONE UNLESS PAVEMENT IS TO BE PLACED ABOVE IT.
  3. SAND BED MUST BE 3" D BY L.C. PIPE.
  4. PIPE SHALL BE INSPECTED BY THE INSPECTOR. HOWEVER, JOINTS MUST BE EXPOSED.
  5. FABRICATED JOINTS SHALL NOT BE USED.



- NOTES:
1. ALL TAPS TO BE DONE BY CITY OF OROVILLE PERSONNEL.
  2. SHORING IS TO BE IN PLACE BEFORE TAPPING IF THE DITCH IS 4" DEEP OR DEEPER.
  3. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES (OR LESS) FROM THE DWELLING.
  4. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.
  5. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.
  6. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.
  7. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.
  8. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.
  9. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.
  10. 1/2" MINIMUM SIZE LATERAL IS TO BE USED, STARTING 10" INCHES FROM THE DWELLING.



- NOTES:
1. CAST IRON FRAME B COVER (IN TRENCH) TO BE 18" DIA. OR EQUIVALENT.
  2. WHEN IN ROADWAY LEAVE CONCRETE 8" DOWN IN OTHER AREAS SLOPE CONCRETE AWAY FROM CURB SIDE OF CAULDER 3/4" DIA. IN 10' TO BE USED TO JOIN CAST IRON FRAME AND PIPE.
  3. COMPACTION AROUND PIPE TYPICAL AS PER OTHER SPECIFICATIONS.



APPROVED FOR CONSTRUCTION

*Mike Crump*

MIKE CRUMP, RCE #1971, DATE: 5/14/93  
CITY ENGINEER, CITY OF OROVILLE

DATE	NO.	REVISION	BY	APP'D

FIELD BOOK

ELEVATION DATUM  
RIM ELEVATION 871.61  
EXISTING 45MM

DRAWN: R.E.B. 4/1/93  
DESIGNED: R.C.B. 4/23/93  
CHECKED: R.C.B. 4/23/93

SCALE: 1/2" = 1'-0"  
1" = 2'-0"

Robert E. Brooks - 5/14/93

APPROVED: ROBERT E. BROOKS, R.C.E. DATE: 5/14/93

**Ron Graves & Associates**  
CIVIL ENGINEERS AND SURVEYORS  
P.O. BOX 986, OROVILLE, CALIF. 95965  
Ph. (916) 334-9387

SEWER EXTENSION AND LATERAL CONNECTION  
FOR  
MANUEL OROPEZA  
A.P. Nos. 33-20-18 & 19

SHEET 1 OF 1

JOB NO. OROPEZA 03-1019

015-02-93