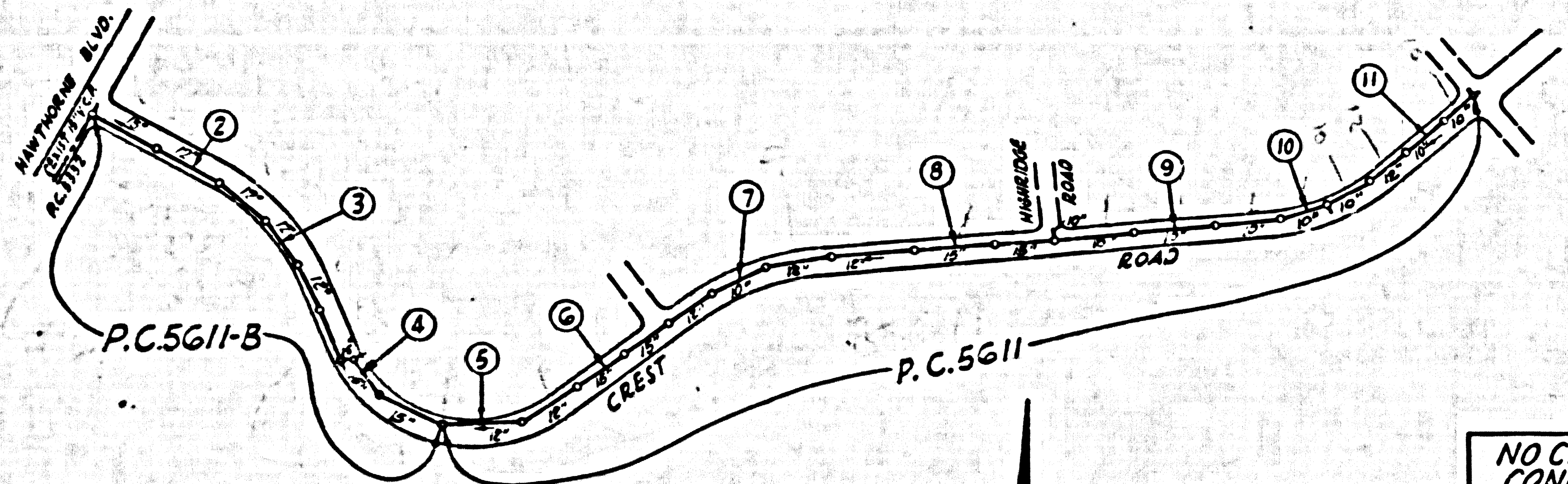


Bench Mark
County Surveyor B.M. U.S.C. G.S. Standard
Disc Stamped Q 786-1946 set flush with ground
45.2' N. of E. of Palos Verdes Drive North 47.8'
East of E. of Narbonne Avenue Elev. 355.518'



INDEX MAP
P.C. 5611
SCALE: 1"=600'
CREST ROAD

NO CHARGE FOR CONNECTIONS
L. Curtis 8-2-60

Approved: *J. R. Light* 8-9-60
Industrial Waste Division

DOUBLE SCALE LOMITA BLDG. DIST. NO. 71

PROFILE ALIGNMENT AND GRADE OF P.C. 5611-B
SANITARY SEWERS PAGE 1
TO BE CONSTRUCTED IN J.N. 0254.08
CREST ROAD

PRIVATE CONTRACT NO. 5611
W.S. 27 & P.C. 5611-B
6 SHEETS, 11 PAGES

SCALE: VERT. 1"=6' HORIZ. 1"=60' JUNE, 1960

PREPARED IN THE OFFICES OF
ENGINEERING SERVICE CORPORATION

30,107

FOR LEGEND SEE PLAN NO. S-A-64

- 1. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- 2. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- 3. THE OWNER OR HIS AUTHORIZED REPRESENTATIVE SHALL FURNISH THE COUNTY ENGINEER WITH GRADY SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND Y BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ANY CHANGE IN LOCATION SHALL BE REQUESTED IN WRITING BY THE OWNER OR HIS REPRESENTATIVE.
- 4. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
- 5. NO ADJUSTMENTS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
- 6. USE STANDARD MANHOLE FRAMES AND COVERS, S-117, UNLESS OTHERWISE SPECIFIED.
- 7. USE STANDARD STRENGTH PIPE EXCEPT AS NOTED.
- 8. USE CEMENT MORTAR OR WEDGE-LOCK OR "SPREAD-SEAL" FOR ALL V.C.P. JOINTS PER SPECS., SECS. 34 & 35.
- 9. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. OR CALIF. STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- 10. ENCASE FOUR FEET OF SEWER AT POINTS OF INTERFERENCE WITH POLES, CASE III, S-6-172.
- 11. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 10 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- 12. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-104, UNLESS OTHERWISE SPECIFIED.
- 13. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 1, SPECS., SEC. 34.
- 14. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- 15. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION & STORM DRAIN DIVISION BY TELEPHONE, MADISON 9-28, EXT. 363, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- 16. SPECIFICATIONS DATED JAN. 1, 1964 APPLY IN THE CONSTRUCTION OF THIS PROJECT.
- 17. NO CONSTRUCTION WILL BE PERMITTED IN FILLED AREAS UNLESS ACCEPTABLE CERTIFICATION IS SUBMITTED TO THE CONSTRUCTION DIVISION OF THE COUNTY ENGINEER'S DEPARTMENT THAT RELATIVE COMPACTION IS GREATER THAN 90%.
- 18. IF COMPACTION IS LESS THAN 90%, THE SAME MUST BE CELESTED AS SHOWN ON THE PLANS PER S-2-5-198.
- 19. IF COMPACTION IS GREATER THAN 90% CEADLING AND SPECIAL MN BASES ARE NOT REQUIRED, HOWEVER UNIT COMPOUND MUST BE SUBSTITUTED FOR CEMENT MORTAR IN ALL JOINTS IN FILLED AREAS.

ENGINEERING SERVICE CORPORATION
1127 W. WASHINGTON BLVD.
LOS ANGELES 15, CALIF. RI. 9-7281

REVISIONS	

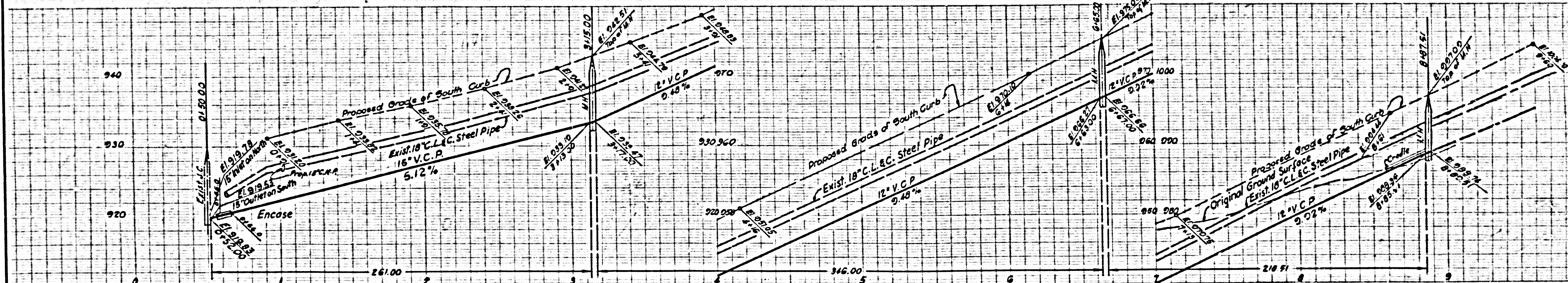
TRACED BY: *G.F.*
DES'GD BY: *G.M.R., D.D.M.*
CK'D BY:
SUBMITTED:

SUB STRUCTURES OK'D
W. G. NO. DWG. NO. DATE SCALE L. B. P. B.
7303-3 March 1960 As noted

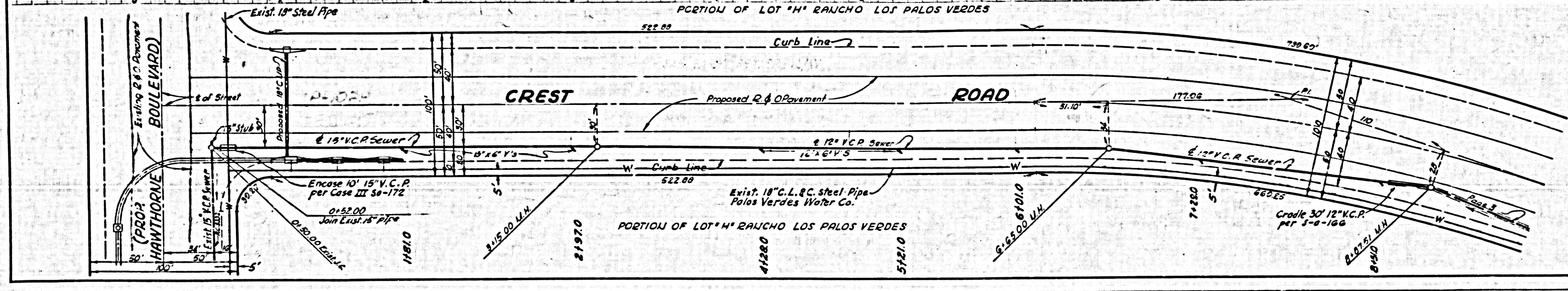
NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILE. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A SLOUGH LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.
WORK SHALL BE CONSTRUCTED ACCORDING TO SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE L.A. COUNTY ROAD DEPT., DISTRICT OFFICE NO. 12, AND PAY TO THE COUNTY ENGINEER, ROOM 324 PAM AMERICAN BUILDING, \$25.00 IN ADVANCE TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 138 SOUTH SPRING STREET.

COUNTY OF LOS ANGELES, CALIFORNIA
APPROVED, JOHN A. LAMME, COUNTY ENGINEER APPROVED, C.E. COMPTON, CHIEF ENGINEER
CO. SEAL NO. 1100 5
BY *C.E. Smith* ASST. SANITATION ENGINEER BY *S.P. Howard* OFFICE ENGINEER
CHECKED BY *R.F. Working* 8-29-60
OFFICE OF COUNTY ENGINEER, BOX 62, NO. 11636

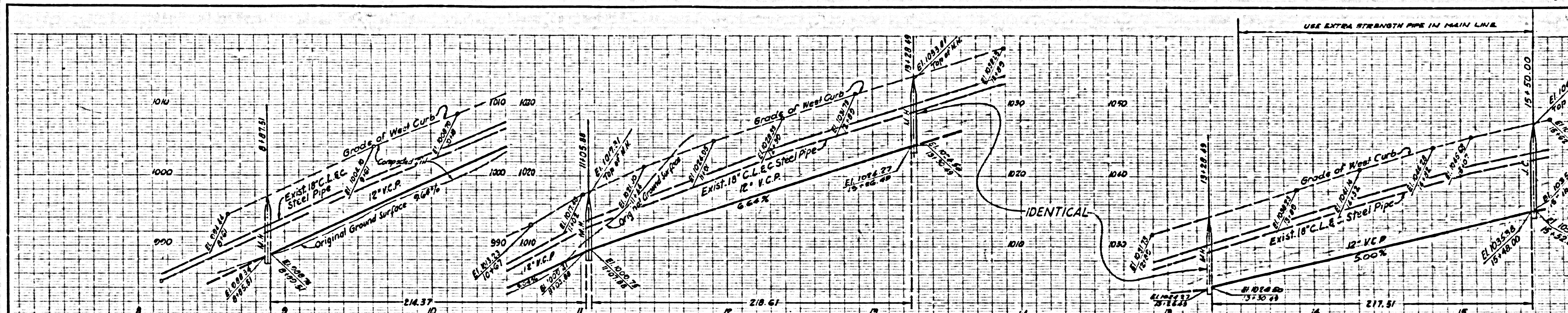
SUBMITTED BY *Jack C. Lansing* PALOS VERDES-CENTINELA VALLEY REGIONAL ENGINEER



DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
ISSUE NO PERMITS - CALL SAN DIVISION
30,108

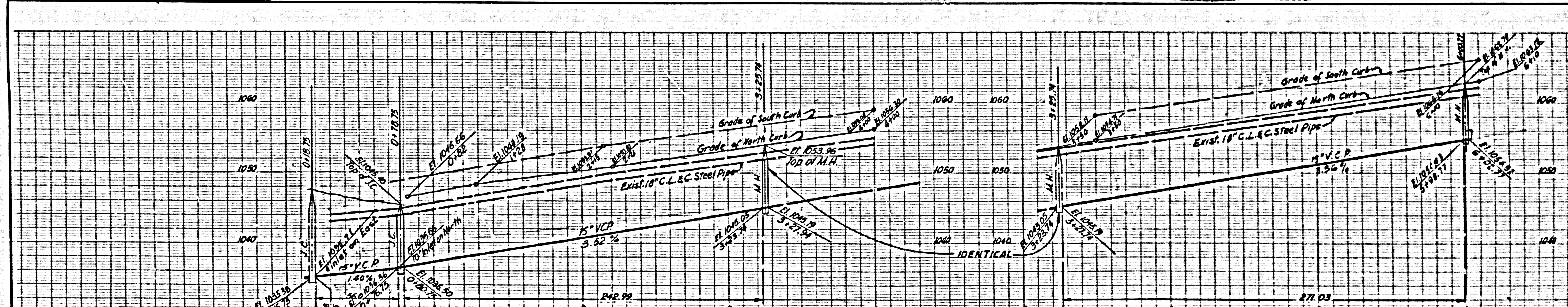
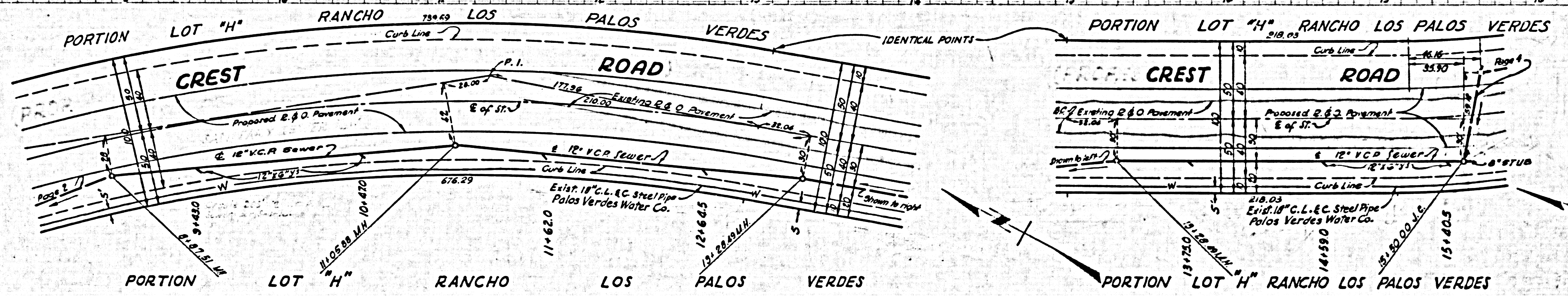


30,111



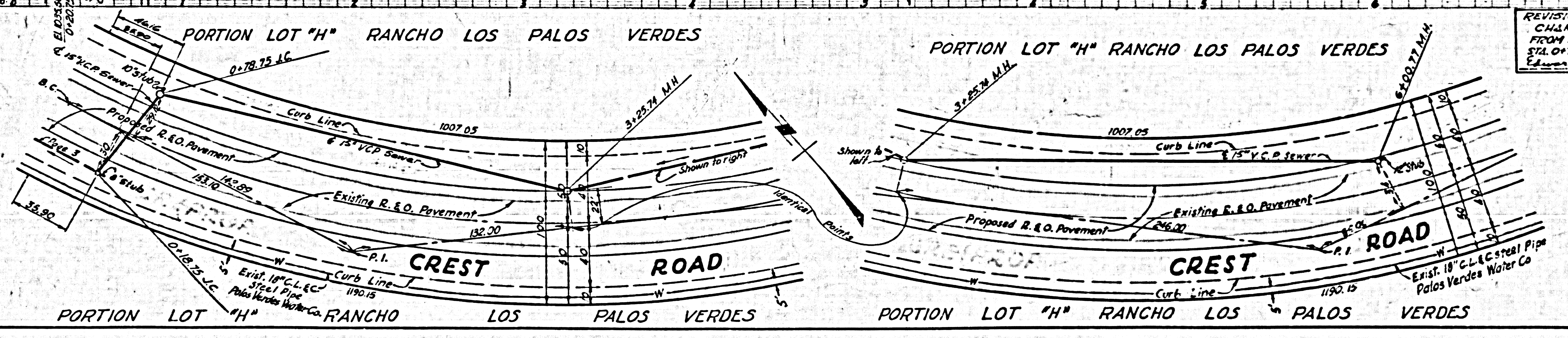
P.C. 5617-PAGE 3
 DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS
 ISSUE NO PERMITS CALL SAN DIVISION

30,109

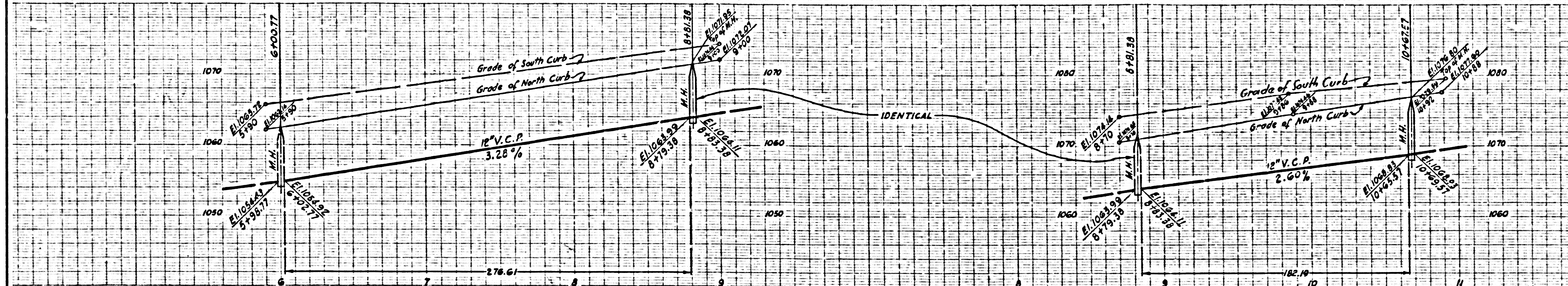


P.C. 5617-PAGE 4
 DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS
 ISSUE NO PERMITS CALL SAN DIVISION

30,110

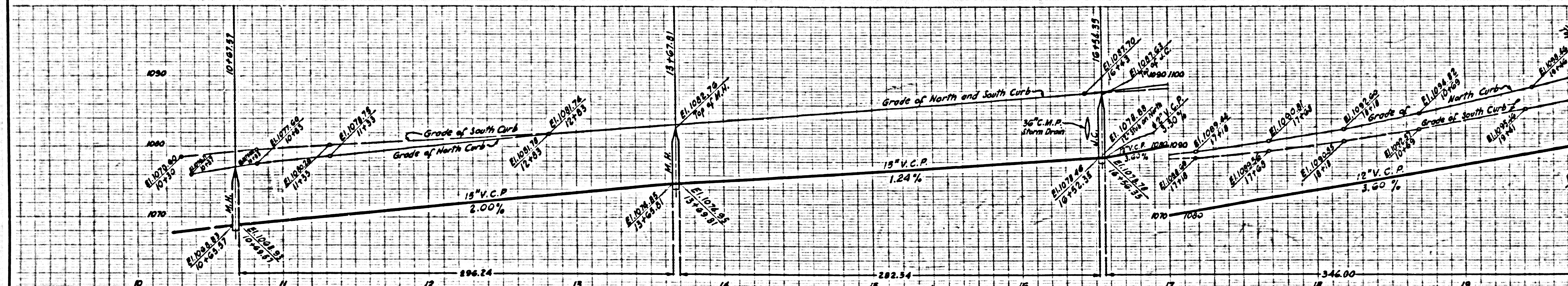
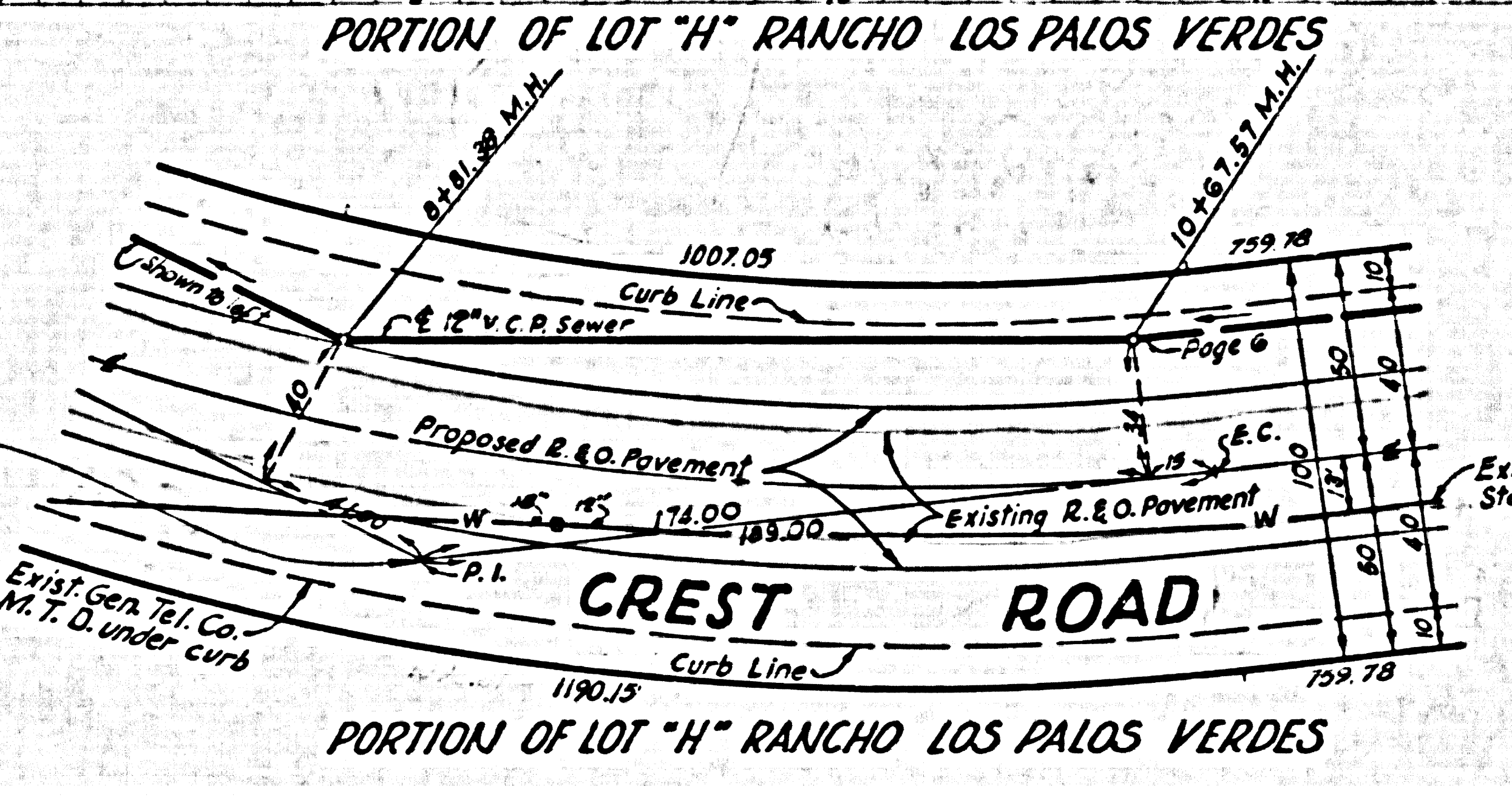
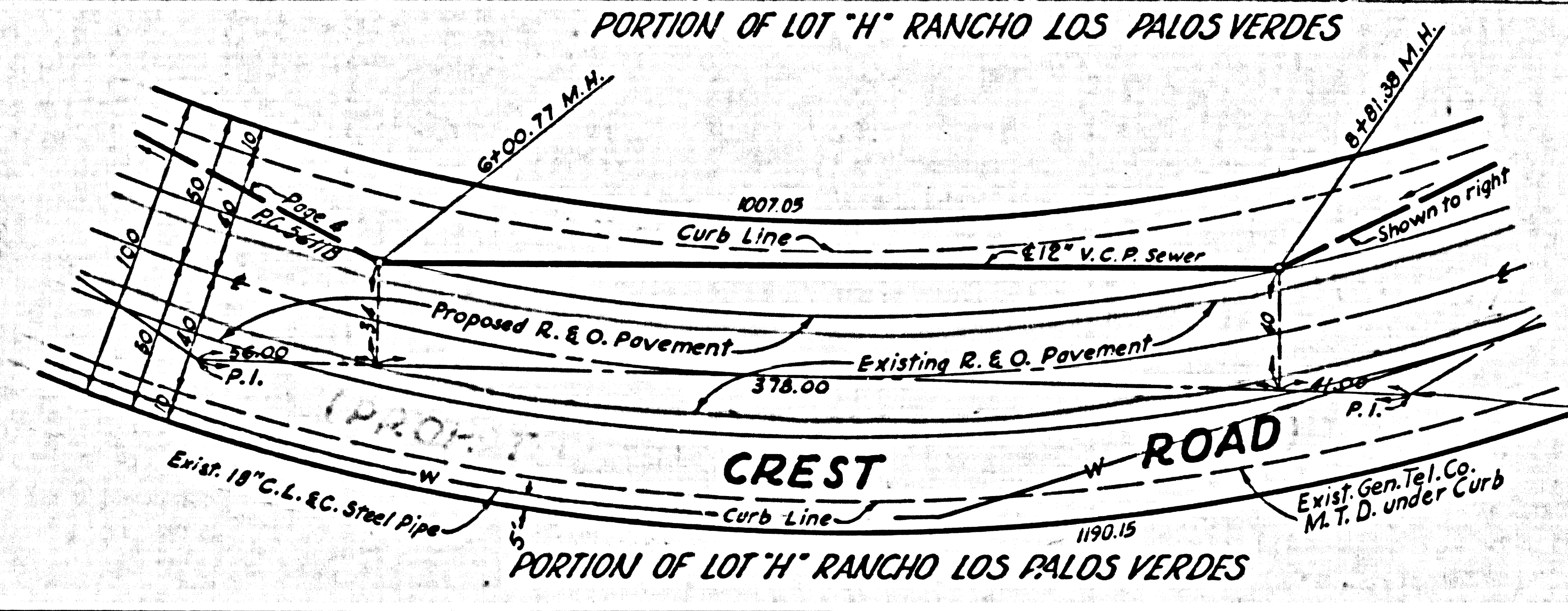


REVISION:
 CHANGED PIPE SIZE FROM 15\"/>



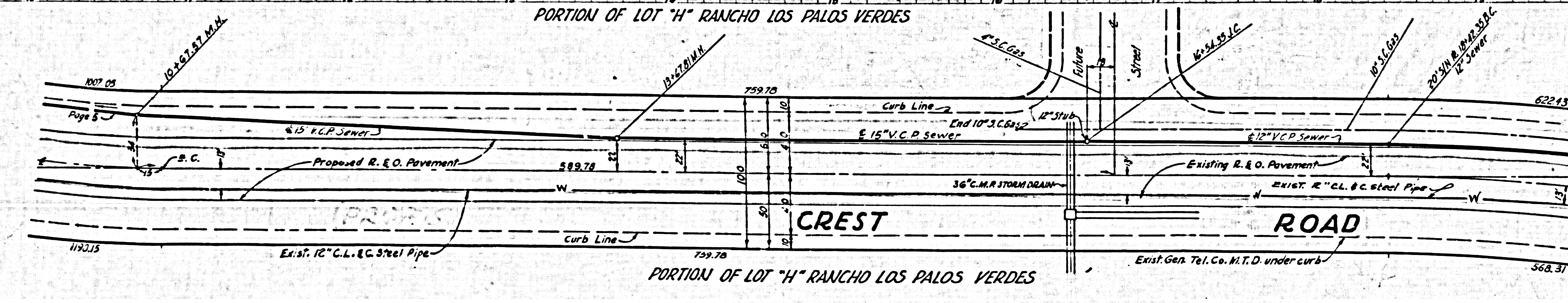
DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
ISSUE NO PERMITS CALL SAN DIVISION

30.111

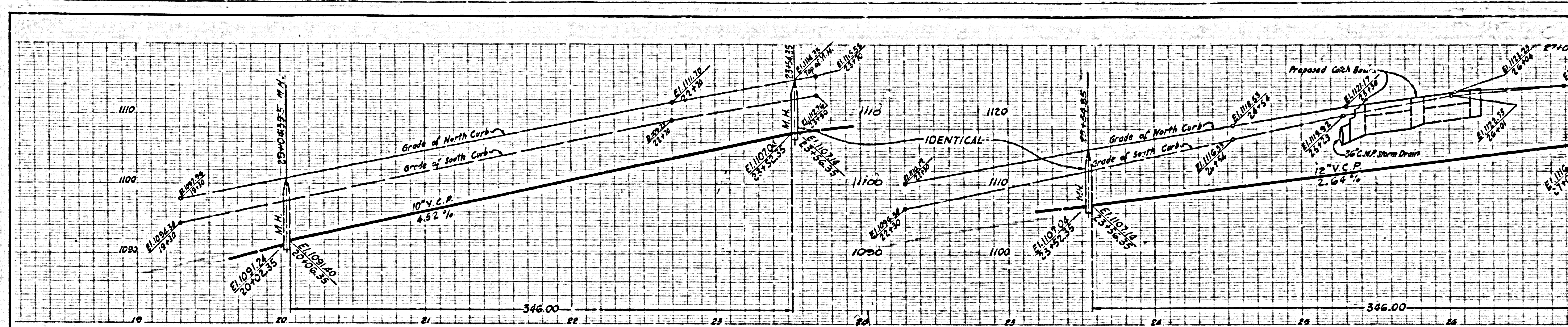


DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
ISSUE NO PERMITS CALL SAN DIVISION

30.112

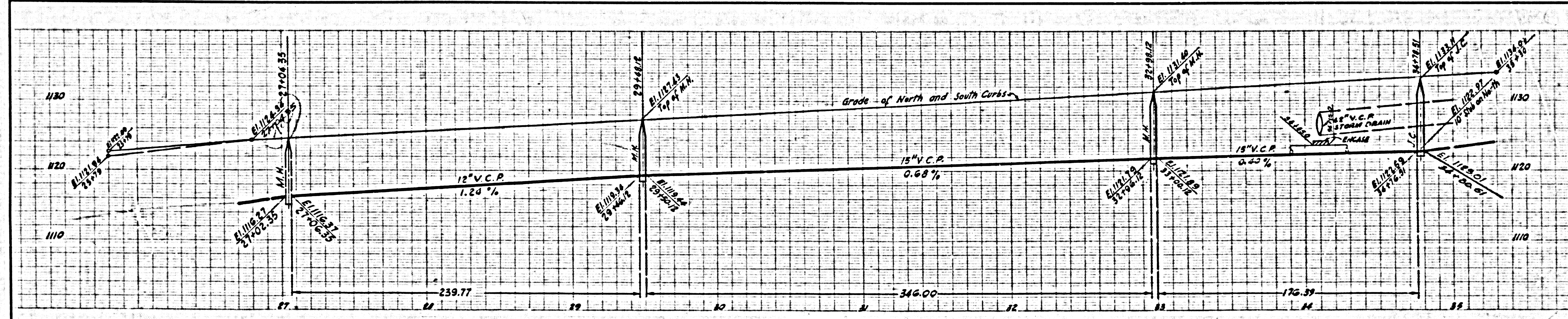
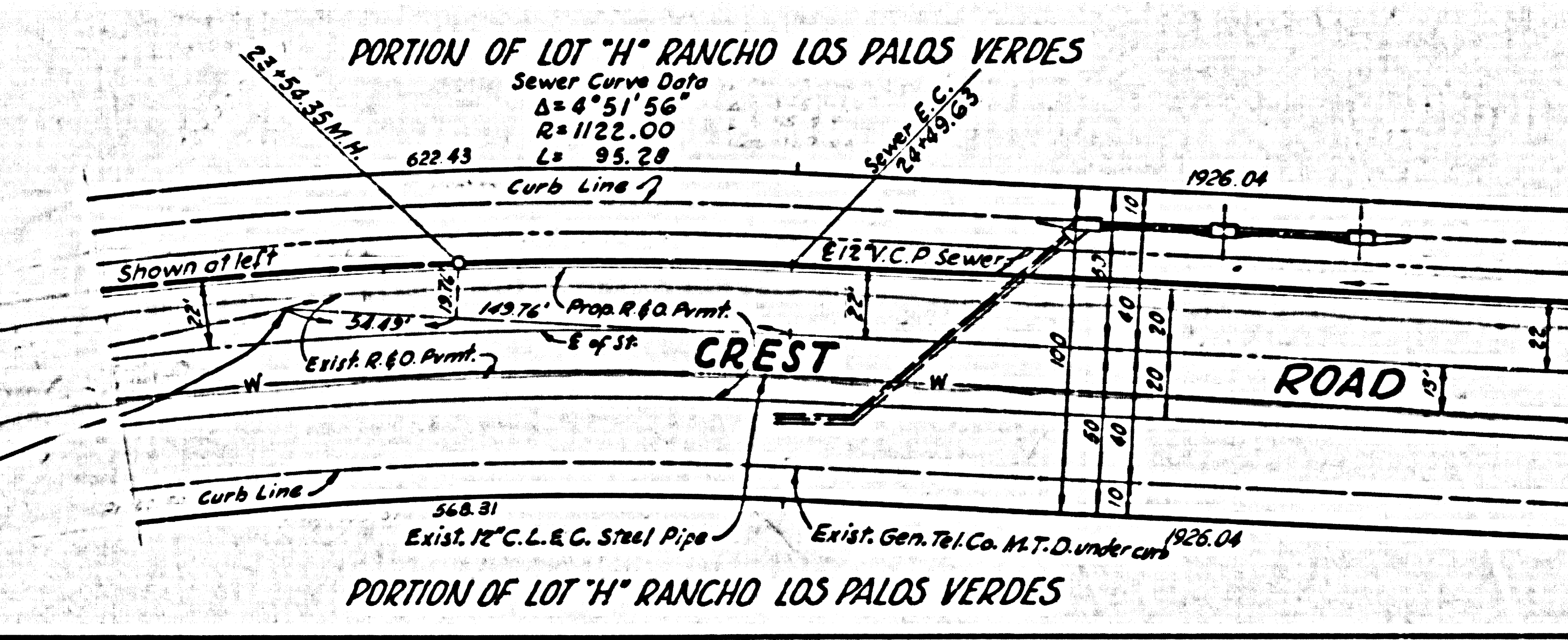
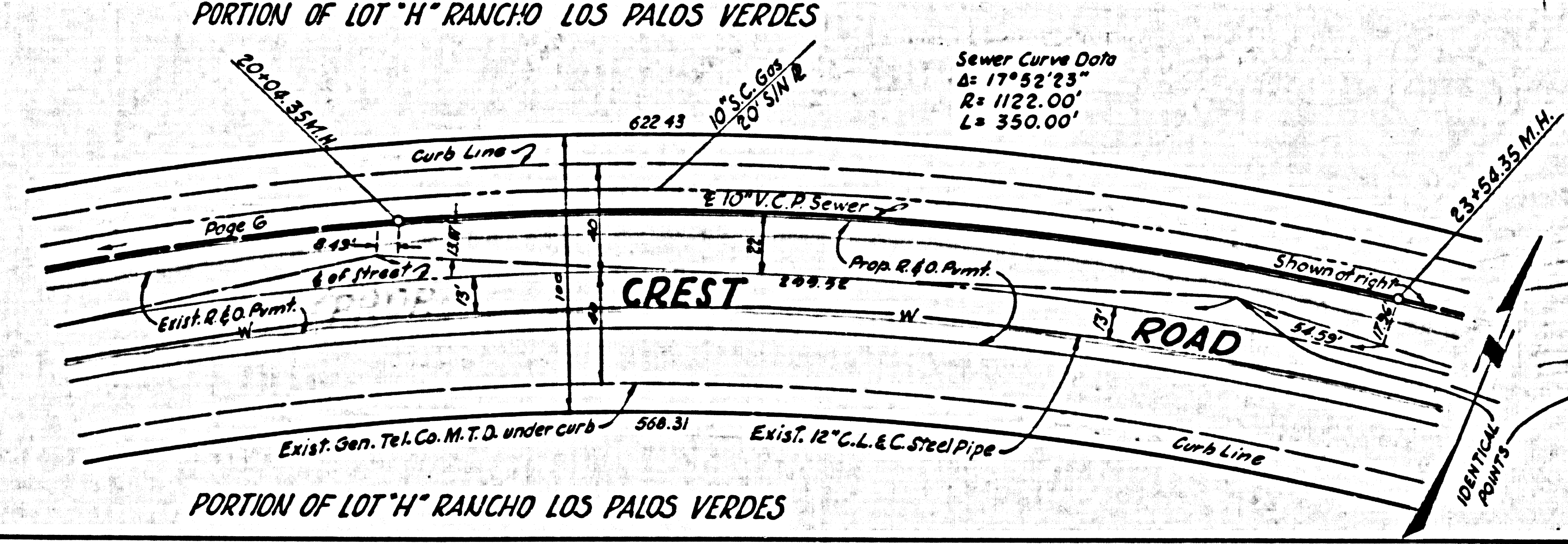


Sewer Curve Data
Δ = 8° 16' 21"
L = 162.00
R = 122.00



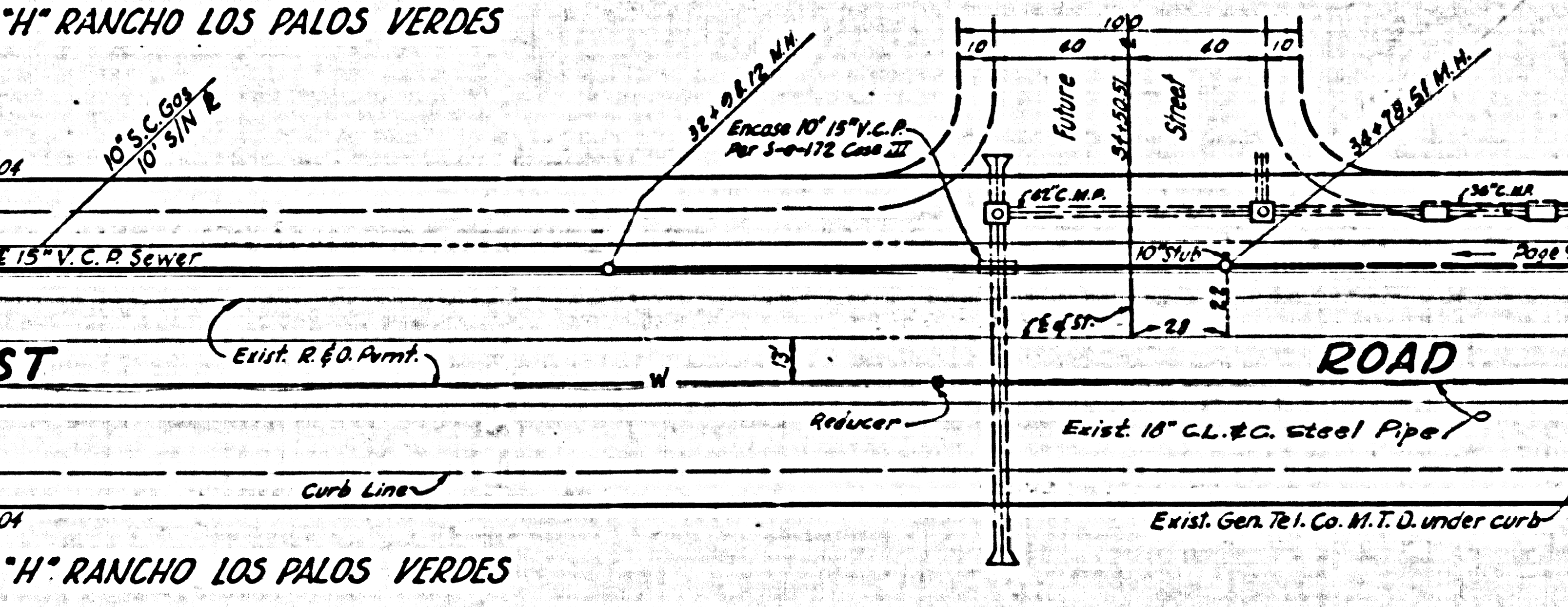
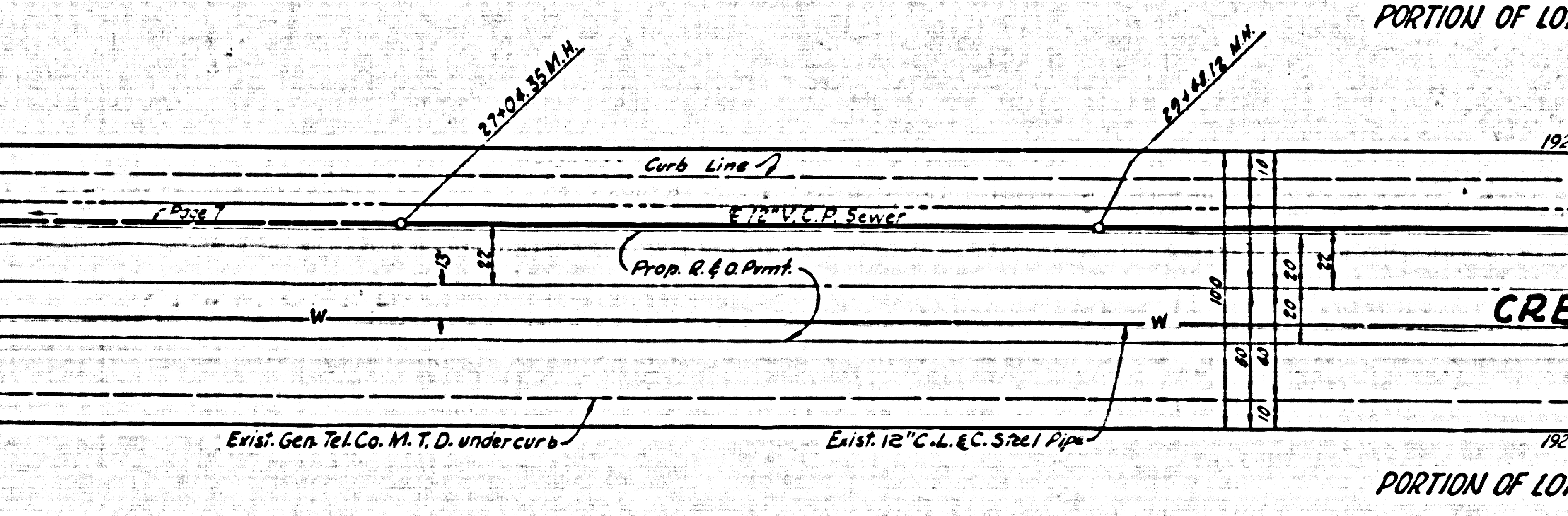
PC 5611 PAGE 7
 DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS
 ISSUE NO PERMITS CALL SAN DIVISION

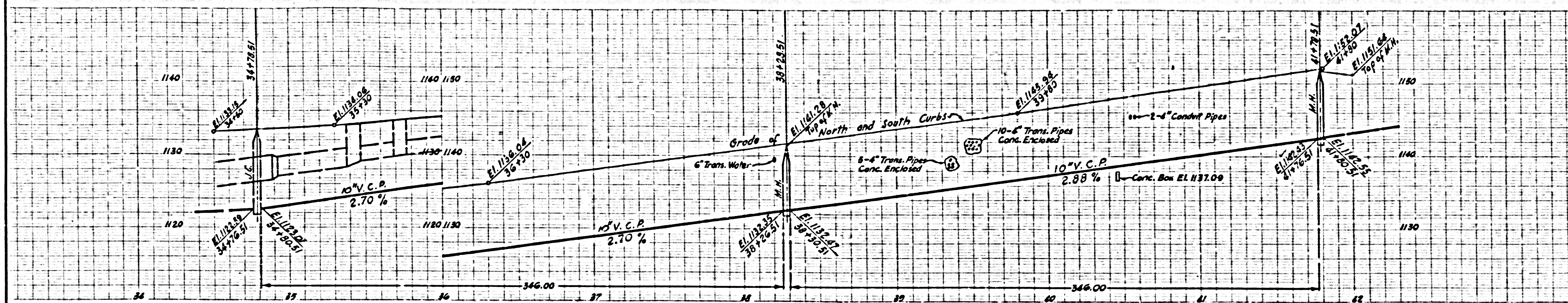
30,113



PC 5611 PAGE 8
 DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS
 ISSUE NO PERMITS CALL SAN DIVISION

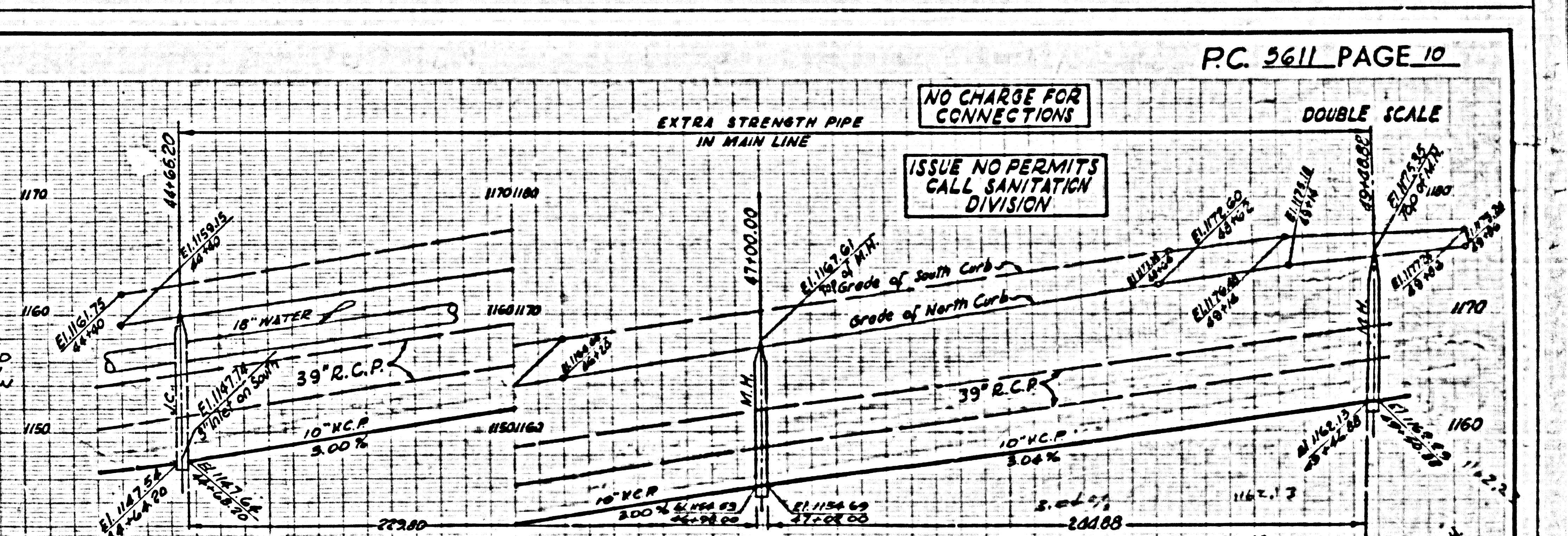
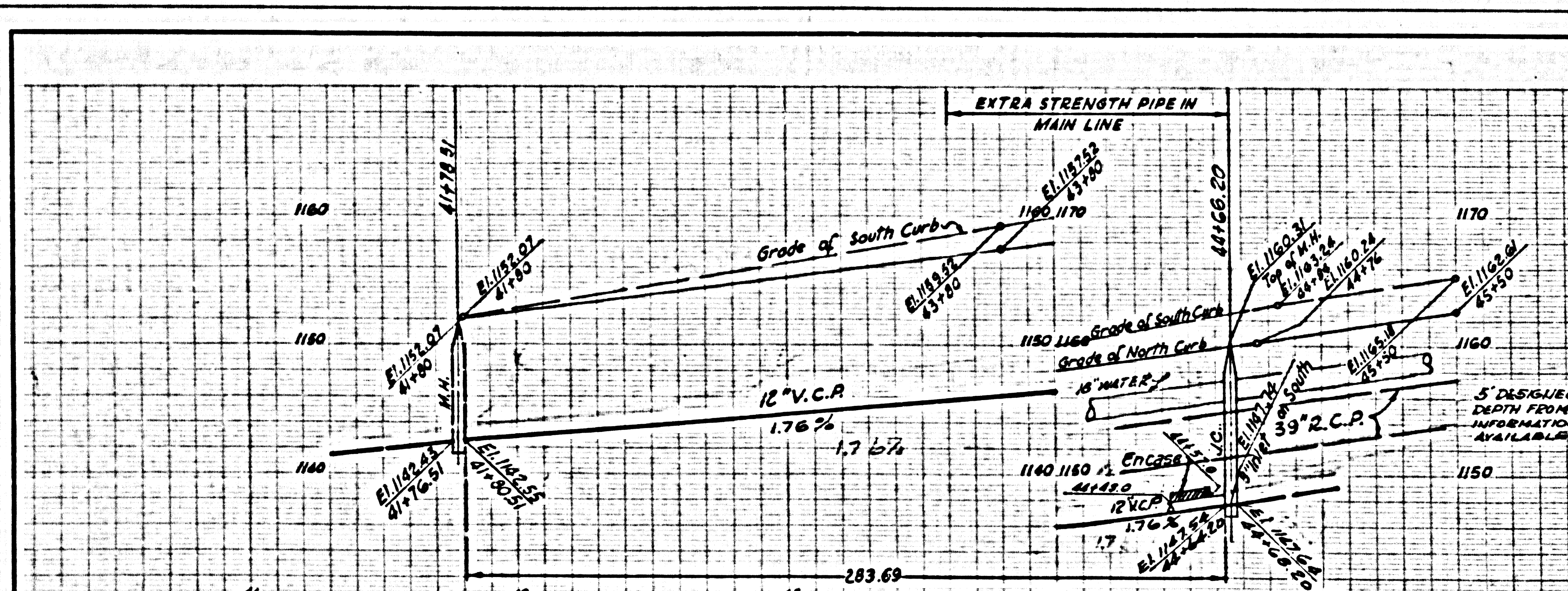
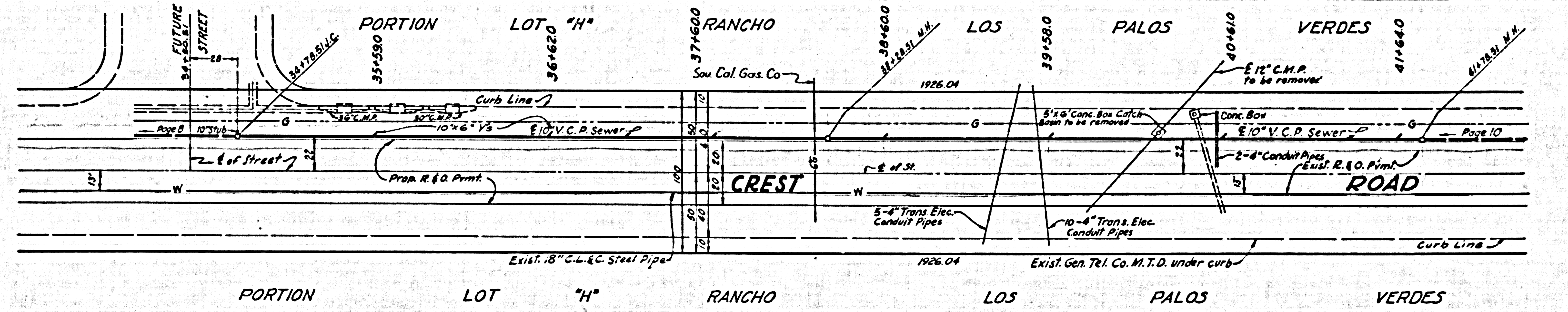
30,114





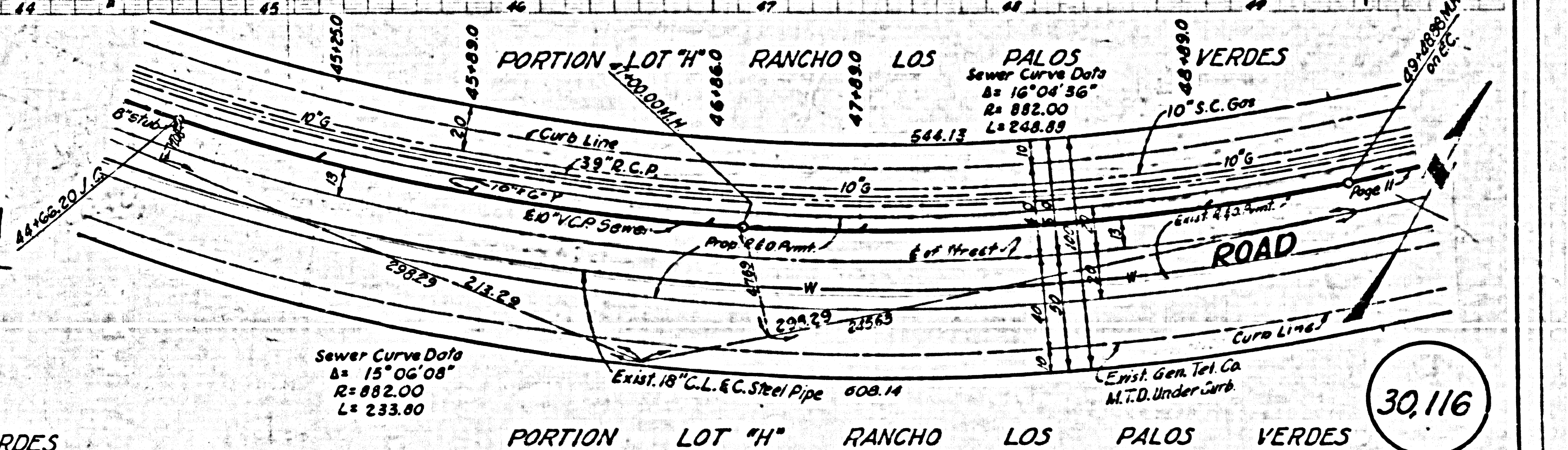
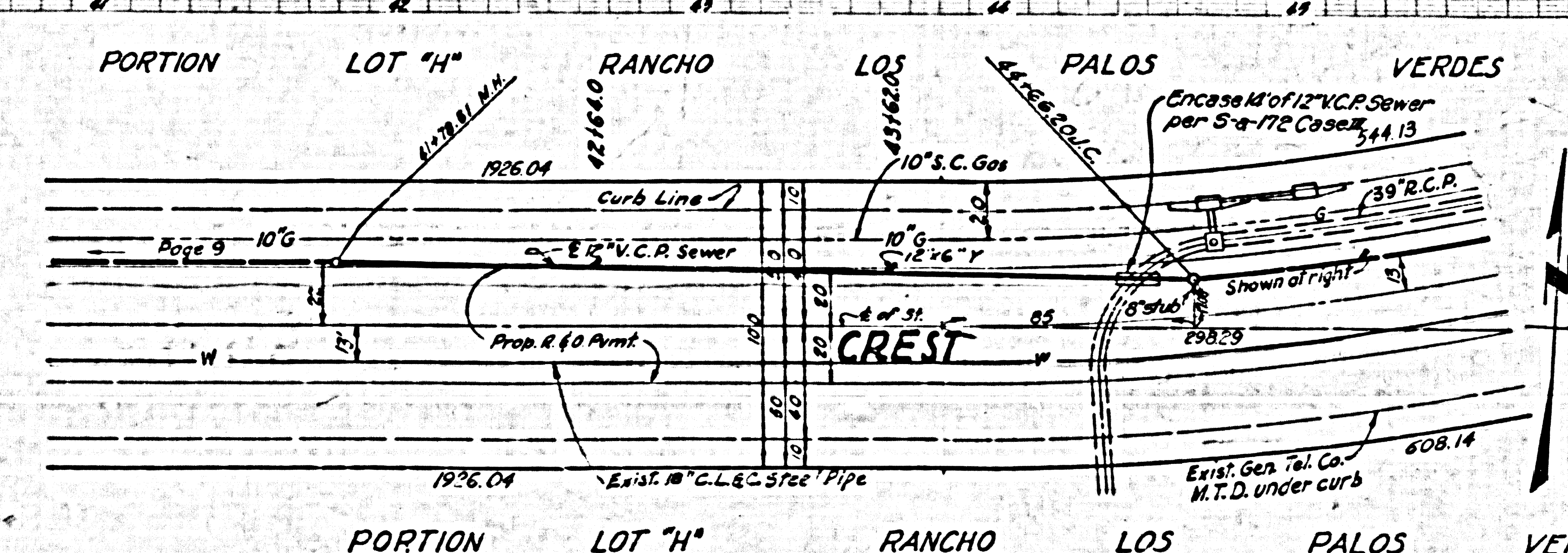
DOUBLE SCALE
 NO CHARGE FOR CONNECTIONS
 ISSUE NO PERMITS CALL SANITATION DIVISION

30,115



NO CHARGE FOR CONNECTIONS
 ISSUE NO PERMITS CALL SANITATION DIVISION

DOUBLE SCALE



30,116

DOUBLE SCALE
NO CHARGE FOR CONNECTIONS
ISSUE NO PERMITS CALL SAN DIVISION

30,117

