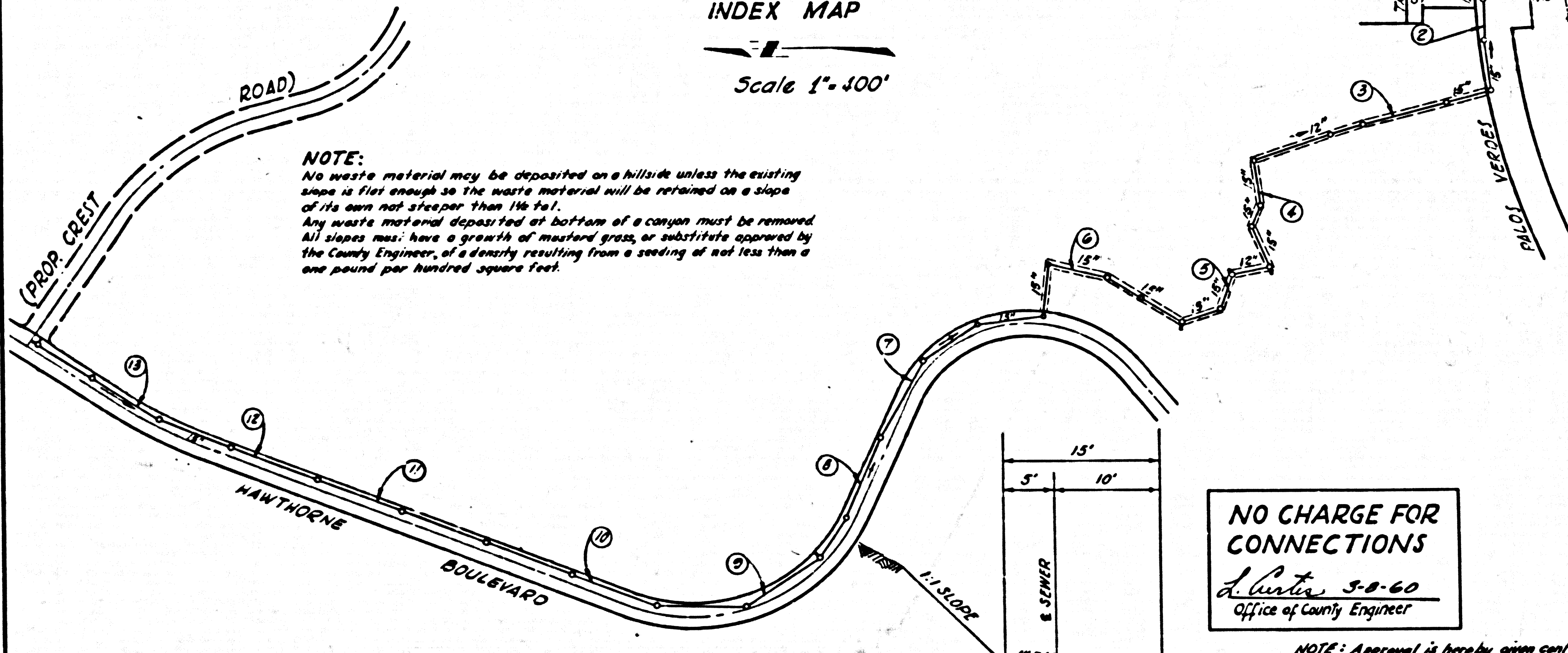


County Surveyor B.M.-U.S.G.S. Std. disc Stamped 4-786-1946,
Set flush with ground 45.2' No. of E. of Palos Verdes Drive
North 47.4' East of E. of Norbonne Ave. Elev. 355.518

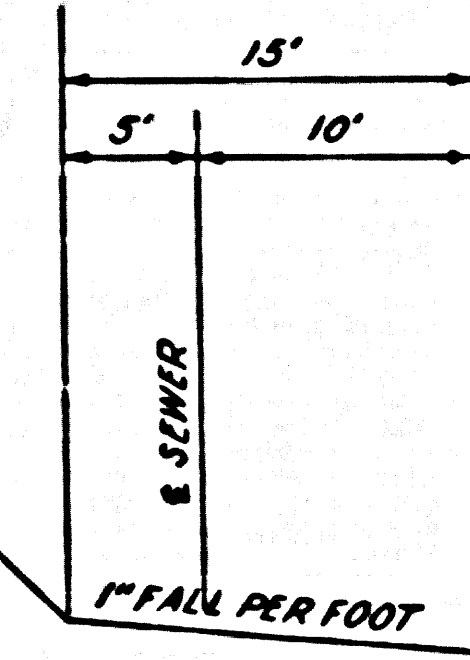


NOTE:
No waste material may be deposited on a hillside unless the existing
slope is flat enough so the waste material will be retained on a slope
of its own not steeper than 16 to 1.
Any waste material deposited at bottom of a canyon must be removed
all slopes must have a growth of mustard grass, or substitute approved by
the County Engineer, of a density resulting from a seeding of not less than a
one pound per hundred square feet.

Revised Pipe Sizes July 14, 1960
Pages 8-C and 11
Approved *[Signature]* 9-11-60
Office of County Engineer

Before breaking into any existing structure
and before final acceptance of this work,
County Sanitation District (DU 6-1281) shall
be notified in order that required inspection
can be made.

CROSS SECTION OF BENCH



NO CHARGE FOR CONNECTIONS
[Signature] 5-8-60
Office of County Engineer

NOTE: Approval is hereby given contingent
upon a field investigation of the completed
sewer of all grading operations relating thereto
by the Design Division of the office of the
County Engineer or his representative

LOMITA BLDG. DIST. NO. 7.1

PROFILE ALIGNMENT AND GRADE OF **P.C. 5332**
SANITARY SEWERS PAGE 1
TO BE CONSTRUCTED IN
CREST ROAD, HAWTHORNE
BLVD. & EASEMENT BETWEEN
HAWTHORNE BLVD. AND
PALOS VERDES DRIVE SOUTH
PRIVATE CONTRACT NO. 5332

W.S. 27
7 SHEETS, 13 PAGES
SCALE: VERT. 1"=4' HORIZ. 1"=40'
November, 1959
PREPARED IN THE OFFICES OF
ENGINEERING SERVICE CORPORATION

30084

- NOTES:**
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. NOT 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 GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND T 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 REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.
 6. USE STANDARD MANHOLE FRAMES AND COVERS, S-117, EXCEPT AS NOTED.
 7. USE STANDARD STRENGTH PIPE EXCEPT AS NOTED.
 8. USE COUNTY MANHOLE OR "WEDGE LOCK" OR "SPRING SEAT" FOR ALL V.C.P. JOINTS PER SPEC., SECS. 34 & 41.
 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 NO. S-172.
 11. ALL STRUCTURES SHALL BE BRICK SEWER STRUCTURES, S-104, EXCEPT AS NOTED.
 12. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 1, SPEC., SEC. 54.
 13. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 14. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION & STORM DRAIN DIVISION BY TELEPHONE, MADISON 9-5747, EXT. 342, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 15. STAKES SPECIFICATION DATED JUNE 1, 1950 APPLY IN THE CONSTRUCTION OF THIS PROJECT.
 16. (a) NO CONSTRUCTION SHALL BE PERMITTED IN FILLED AREAS UNLESS ACCEPTABLE CERTIFICATION IS SUBMITTED TO THE CONSTRUCTION DIVISION OF THE COUNTY ENGINEER'S DEPARTMENT THAT CONSTRUCTION IS GREATER THAN 80%.
 - (b) IF CONSTRUCTION IS LESS THAN 80%, THE SEWER MUST BE GRADED & SPECIAL MANHOLE BASES ARE NOT REQUIRED, HOWEVER, JOINT COMPOUND MUST BE SUBSTITUTED FOR CEMENT MORTAR FOR ALL JOINTS IN FILLED AREAS.
 - (c) IF CONSTRUCTION IS GREATER THAN 80%, GRADINGS AND SPECIAL MANHOLE BASES ARE NOT REQUIRED, HOWEVER, JOINT COMPOUND MUST BE SUBSTITUTED FOR CEMENT MORTAR FOR ALL JOINTS IN FILLED AREAS.

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

REVISIONS	TRACED BY <i>J.A.M.K.C.F.</i>				
	DES'G'D BY <i>C.M.R.</i>				
	CK'D BY <i>A.A.M.</i>				
	SUBMITTED				
SUB STRUCTURES OK'D					
W. O. NO.	DWG. NO.	DATE	SCALE	L. S.	P. S.
		Nov 1959	As noted		L/L

7303-3
"outfall"

NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED AND SHOWN ON PLANS AND PROFILES GRADE POINTS FOR TOP OF CURB, CENTER LINE OF SIDEWALK, OR CENTER LINE OF ALLEY ARE SHOWN BY CROSS OR PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT 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. 3 - AND PAY A FEE TO THE COUNTY ENGINEER, ROOM 134 PAM AMERICAN BUILDING, 355 1/2 BROADWAY SUFFICIENT 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 THE 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, 128 SOUTH SPRING STREET.

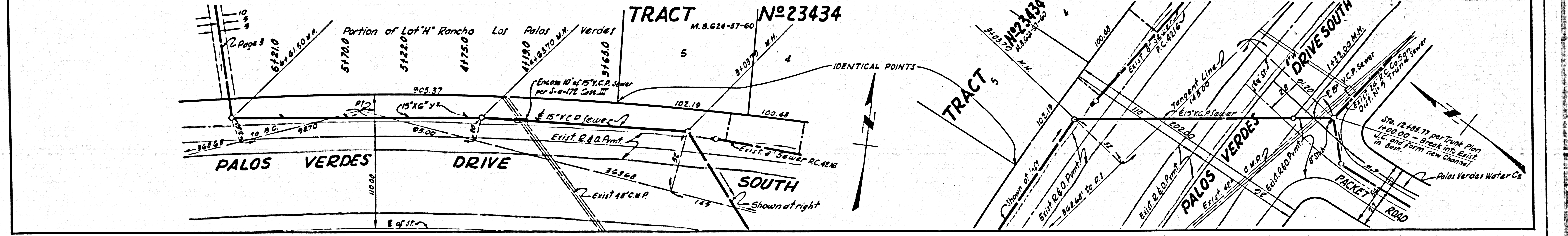
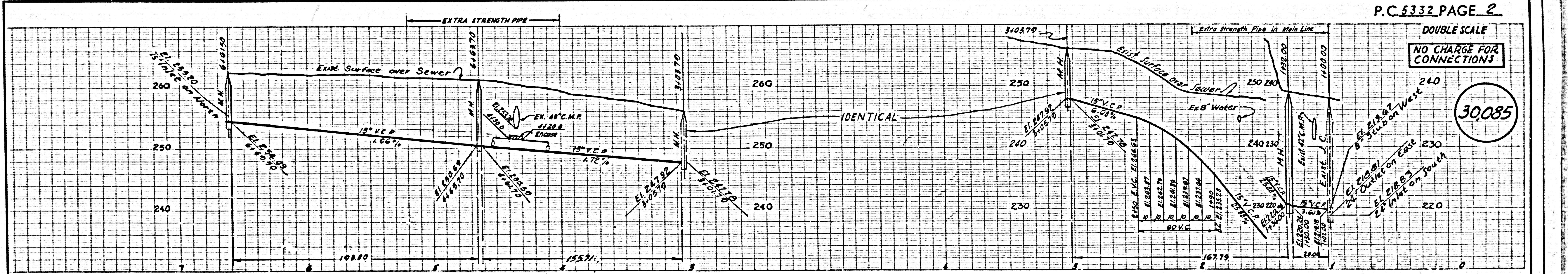
COUNTY OF LOS ANGELES, CALIFORNIA

APPROVED, JOHN A. LAMBE, COUNTY ENGINEER
APPROVED, C.R. COMPTON, CHIEF ENGINEER

BY *[Signature]* SANITATION ENGINEER
BY *[Signature]* OFFICE ENGINEER

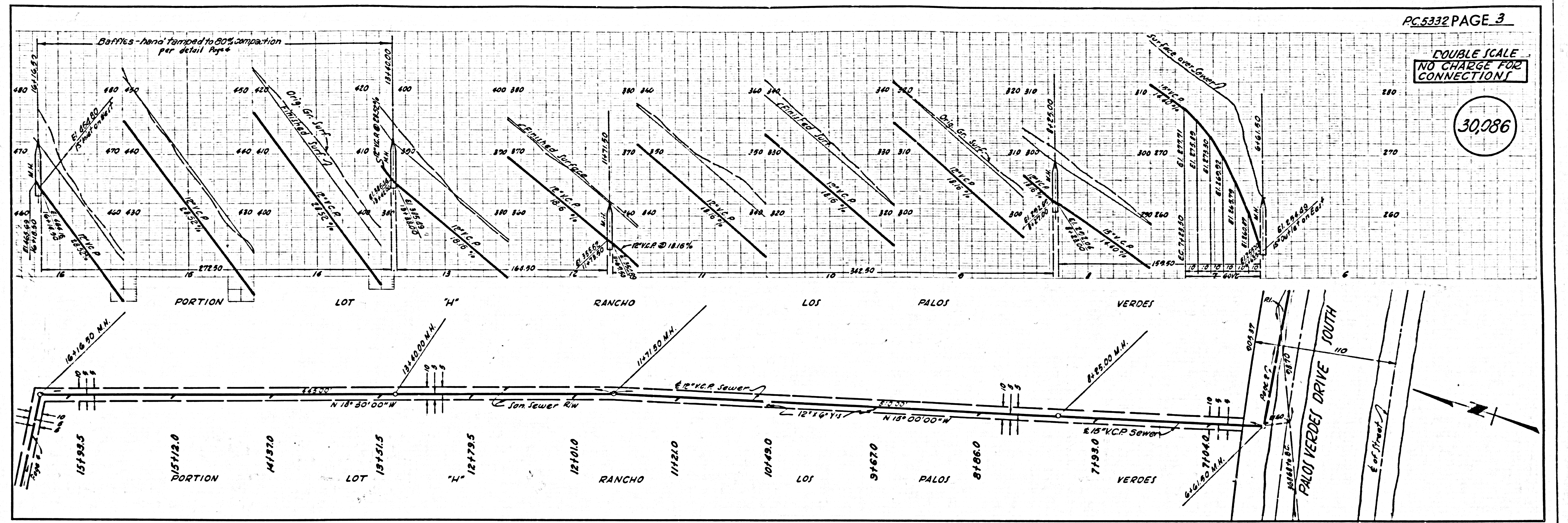
CHECKED BY *B.F. Worling* 4-9-60
OFFICE OF COUNTY ENGINEER, SPC. E. NO. 11636

SUBMITTED BY: *[Signature]*
PALOS VERDES-CENTINELA VALLEY REGIONAL ENGINEER



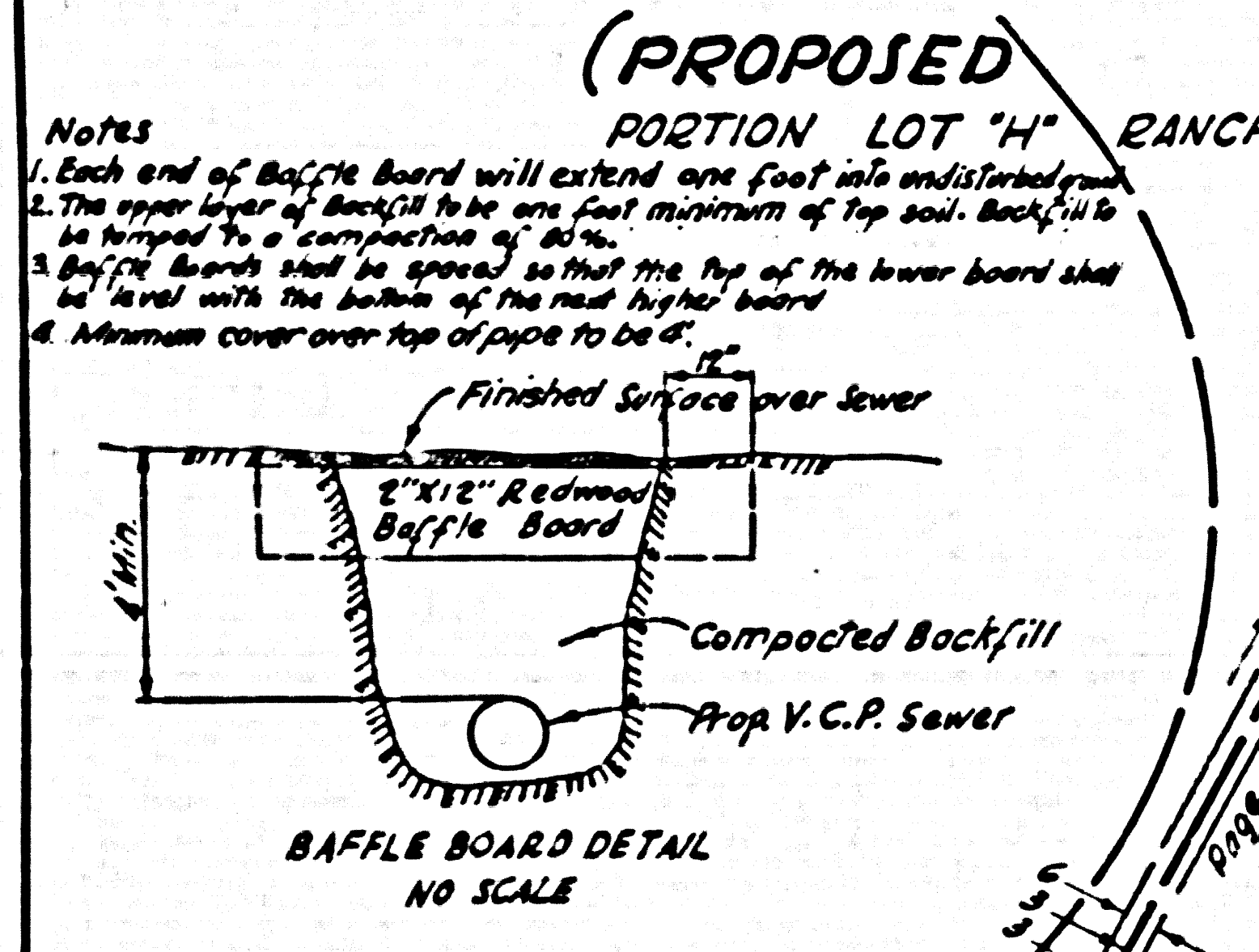
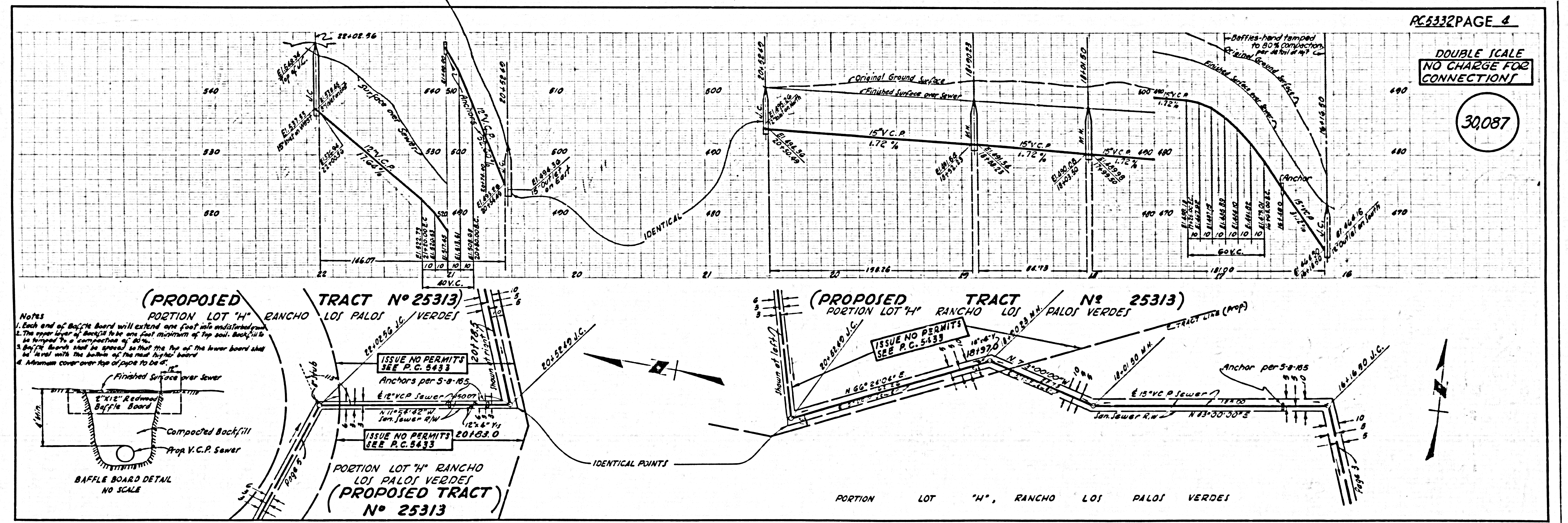
DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

30,086



DOUBLE SCALE
NO CHARGE FOR
CONNECTIONS

30,087



- Notes
1. Each end of Baffle Board will extend one foot into material.
 2. The upper layer of Backfill to be one foot minimum of top soil. Backfill to be tamped to a compaction of 80%.
 3. Baffle Board must be spaced so that the top of the lower board shall be level with the bottom of the next higher board.
 4. Manhole cover over top of pipe to be 6\".

(PROPOSED) TRACT No 25313
PORTION LOT "H" RANCHO LOS PALOS VERDES

ISSUE NO PERMITS
SEE P.C. 5433

201830 J.C.

201831 J.C.

201832 J.C.

201833 J.C.

201834 J.C.

201835 J.C.

201836 J.C.

201837 J.C.

201838 J.C.

201839 J.C.

201840 J.C.

201841 J.C.

201842 J.C.

201843 J.C.

201844 J.C.

201845 J.C.

201846 J.C.

201847 J.C.

201848 J.C.

201849 J.C.

201850 J.C.

201851 J.C.

201852 J.C.

201853 J.C.

201854 J.C.

201855 J.C.

201856 J.C.

201857 J.C.

201858 J.C.

201859 J.C.

201860 J.C.

201861 J.C.

201862 J.C.

201863 J.C.

201864 J.C.

201865 J.C.

201866 J.C.

201867 J.C.

201868 J.C.

201869 J.C.

201870 J.C.

201871 J.C.

201872 J.C.

201873 J.C.

201874 J.C.

201875 J.C.

201876 J.C.

201877 J.C.

201878 J.C.

201879 J.C.

201880 J.C.

201881 J.C.

201882 J.C.

201883 J.C.

201884 J.C.

201885 J.C.

201886 J.C.

201887 J.C.

201888 J.C.

201889 J.C.

201890 J.C.

201891 J.C.

201892 J.C.

201893 J.C.

201894 J.C.

201895 J.C.

201896 J.C.

201897 J.C.

201898 J.C.

201899 J.C.

201900 J.C.

201901 J.C.

201902 J.C.

201903 J.C.

201904 J.C.

201905 J.C.

201906 J.C.

201907 J.C.

201908 J.C.

201909 J.C.

201910 J.C.

201911 J.C.

201912 J.C.

201913 J.C.

201914 J.C.

201915 J.C.

201916 J.C.

201917 J.C.

201918 J.C.

201919 J.C.

201920 J.C.

201921 J.C.

201922 J.C.

201923 J.C.

201924 J.C.

201925 J.C.

201926 J.C.

201927 J.C.

201928 J.C.

201929 J.C.

201930 J.C.

201931 J.C.

201932 J.C.

201933 J.C.

201934 J.C.

201935 J.C.

201936 J.C.

201937 J.C.

201938 J.C.

201939 J.C.

201940 J.C.

201941 J.C.

201942 J.C.

201943 J.C.

201944 J.C.

201945 J.C.

201946 J.C.

201947 J.C.

201948 J.C.

201949 J.C.

201950 J.C.

201951 J.C.

201952 J.C.

201953 J.C.

201954 J.C.

201955 J.C.

201956 J.C.

201957 J.C.

201958 J.C.

201959 J.C.

201960 J.C.

201961 J.C.

201962 J.C.

201963 J.C.

201964 J.C.

201965 J.C.

201966 J.C.

201967 J.C.

201968 J.C.

201969 J.C.

201970 J.C.

201971 J.C.

201972 J.C.

201973 J.C.

201974 J.C.

201975 J.C.

201976 J.C.

201977 J.C.

201978 J.C.

201979 J.C.

201980 J.C.

201981 J.C.

201982 J.C.

201983 J.C.

201984 J.C.

201985 J.C.

201986 J.C.

201987 J.C.

201988 J.C.

201989 J.C.

201990 J.C.

201991 J.C.

201992 J.C.

201993 J.C.

201994 J.C.

201995 J.C.

201996 J.C.

201997 J.C.

201998 J.C.

201999 J.C.

202000 J.C.

(PROPOSED) TRACT No 25313
PORTION LOT "H" RANCHO LOS PALOS VERDES

ISSUE NO PERMITS
SEE P.C. 5433

201830 J.C.

201831 J.C.

201832 J.C.

201833 J.C.

201834 J.C.

201835 J.C.

201836 J.C.

201837 J.C.

201838 J.C.

201839 J.C.

201840 J.C.

201841 J.C.

201842 J.C.

201843 J.C.

201844 J.C.

201845 J.C.

201846 J.C.

201847 J.C.

201848 J.C.

201849 J.C.

201850 J.C.

201851 J.C.

201852 J.C.

201853 J.C.

201854 J.C.

201855 J.C.

201856 J.C.

201857 J.C.

201858 J.C.

201859 J.C.

201860 J.C.

201861 J.C.

201862 J.C.

201863 J.C.

201864 J.C.

201865 J.C.

201866 J.C.

201867 J.C.

201868 J.C.

201869 J.C.

201870 J.C.

201871 J.C.

201872 J.C.

201873 J.C.

201874 J.C.

201875 J.C.

201876 J.C.

201877 J.C.

201878 J.C.

201879 J.C.

201880 J.C.

201881 J.C.

201882 J.C.

201883 J.C.

201884 J.C.

201885 J.C.

201886 J.C.

201887 J.C.

201888 J.C.

201889 J.C.

201890 J.C.

201891 J.C.

201892 J.C.

201893 J.C.

201894 J.C.

201895 J.C.

201896 J.C.

201897 J.C.

201898 J.C.

201899 J.C.

201900 J.C.

201901 J.C.

201902 J.C.

201903 J.C.

201904 J.C.

201905 J.C.

201906 J.C.

201907 J.C.

201908 J.C.

201909 J.C.

201910 J.C.

201911 J.C.

201912 J.C.

201913 J.C.

201914 J.C.

201915 J.C.

201916 J.C.

201917 J.C.

201918 J.C.

201919 J.C.

201920 J.C.

201921 J.C.

201922 J.C.

201923 J.C.

201924 J.C.

201925 J.C.

201926 J.C.

201927 J.C.

201928 J.C.

201929 J.C.

201930 J.C.

201931 J.C.

201932 J.C.

201933 J.C.

201934 J.C.

201935 J.C.

201936 J.C.

201937 J.C.

201938 J.C.

201939 J.C.

201940 J.C.

201941 J.C.

201942 J.C.

201943 J.C.

201944 J.C.

201945 J.C.

201946 J.C.

201947 J.C.

201948 J.C.

201949 J.C.

201950 J.C.

201951 J.C.

201952 J.C.

201953 J.C.

201954 J.C.

201955 J.C.

201956 J.C.

201957 J.C.

201958 J.C.

201959 J.C.

201960 J.C.

201961 J.C.

201962 J.C.

201963 J.C.

201964 J.C.

201965 J.C.

201966 J.C.

201967 J.C.

201968 J.C.

201969 J.C.

201970 J.C.

201971 J.C.

201972 J.C.

201973 J.C.

201974 J.C.

201975 J.C.

201976 J.C.

201977 J.C.

201978 J.C.

201979 J.C.

201980 J.C.

201981 J.C.

201982 J.C.

201983 J.C.

201984 J.C.

201985 J.C.

201986 J.C.

201987 J.C.

201988 J.C.

201989 J.C.

201990 J.C.

201991 J.C.

201992 J.C.

201993 J.C.

201994 J.C.

201995 J.C.

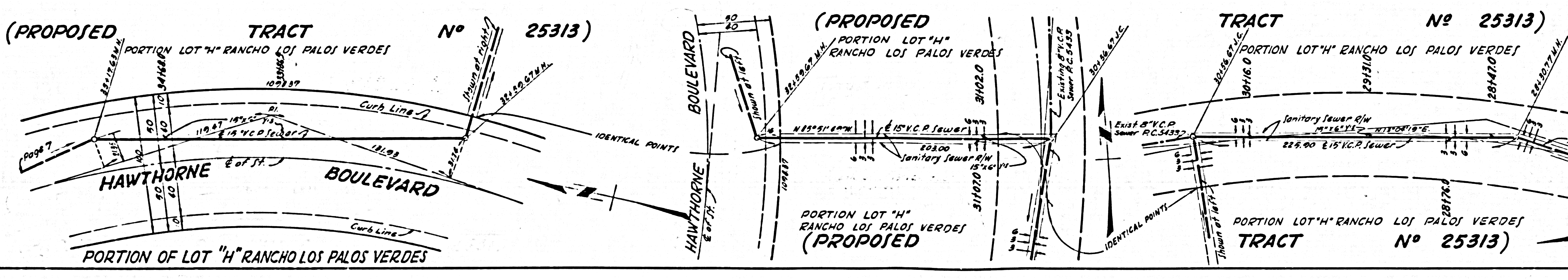
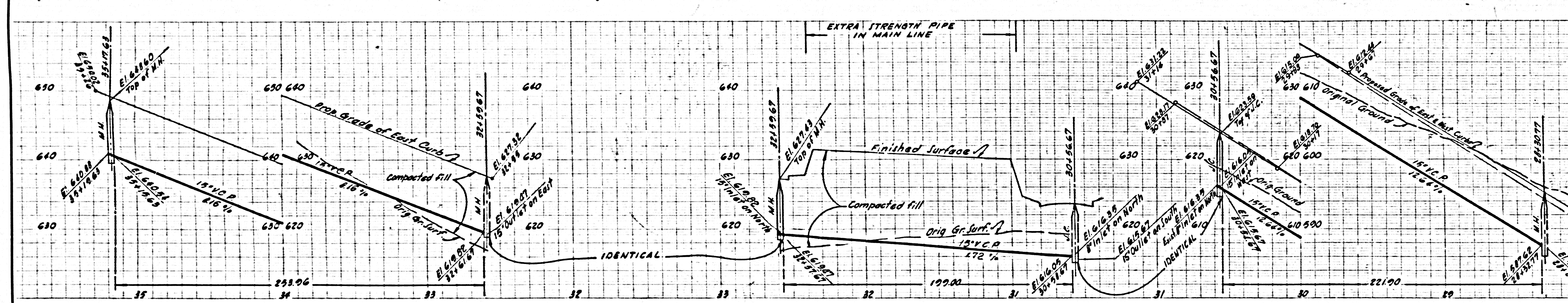
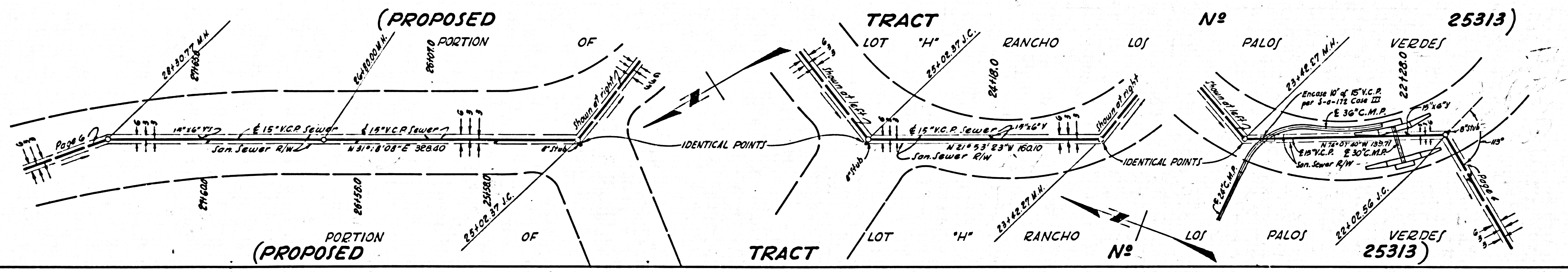
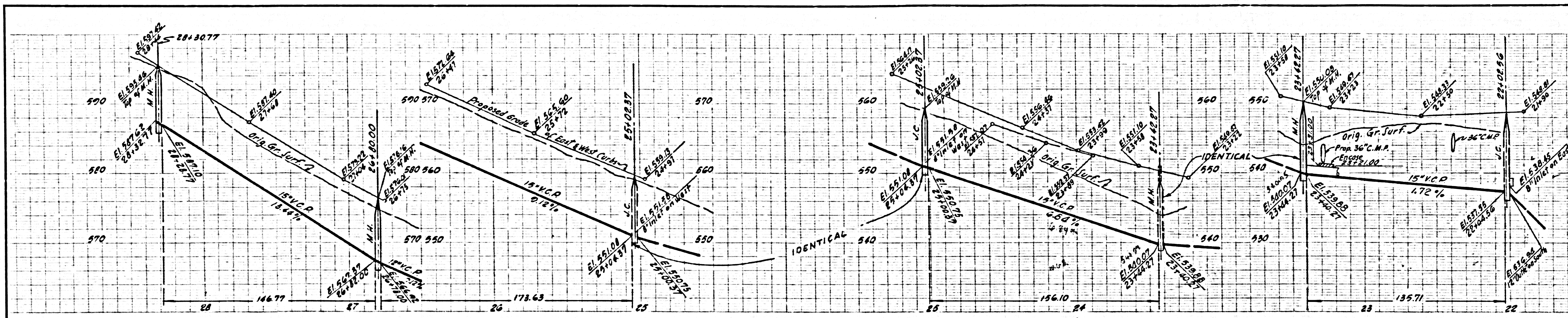
201996 J.C.

201997 J.C.

201998 J.C.

201999 J.C.

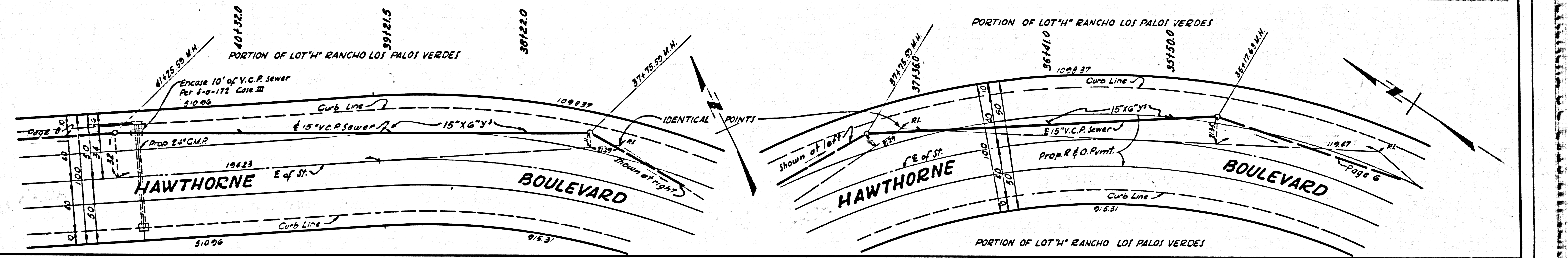
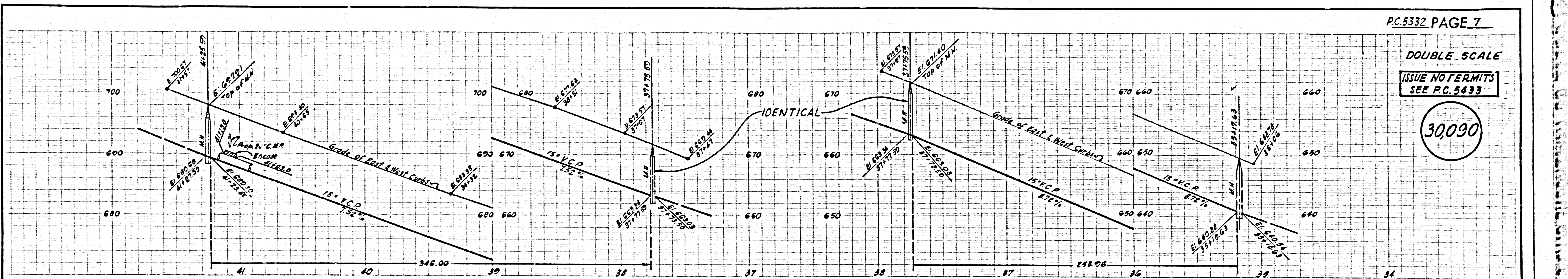
202000 J.C.



DOUBLE SCALE

ISSUE NO PERMITS
SEE P.C. 5433

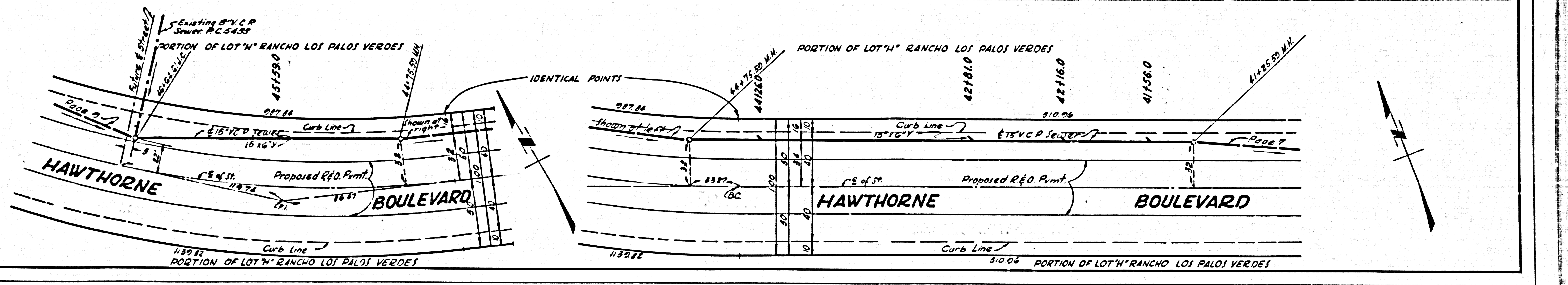
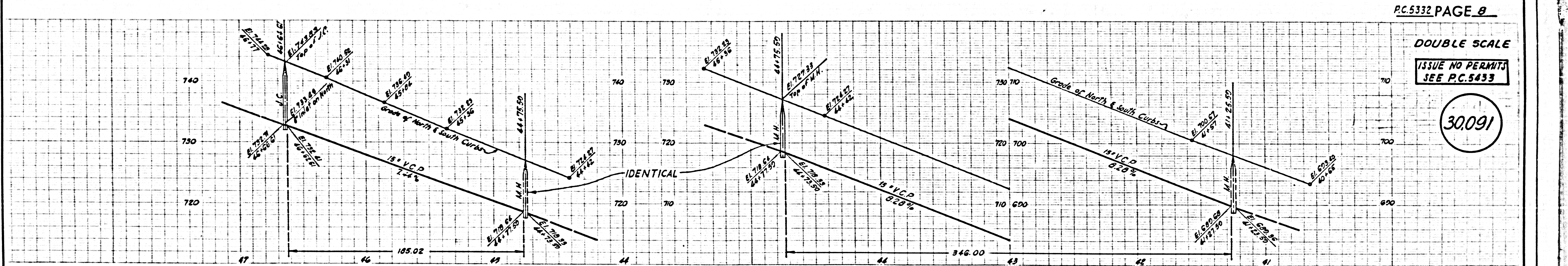
30090



DOUBLE SCALE

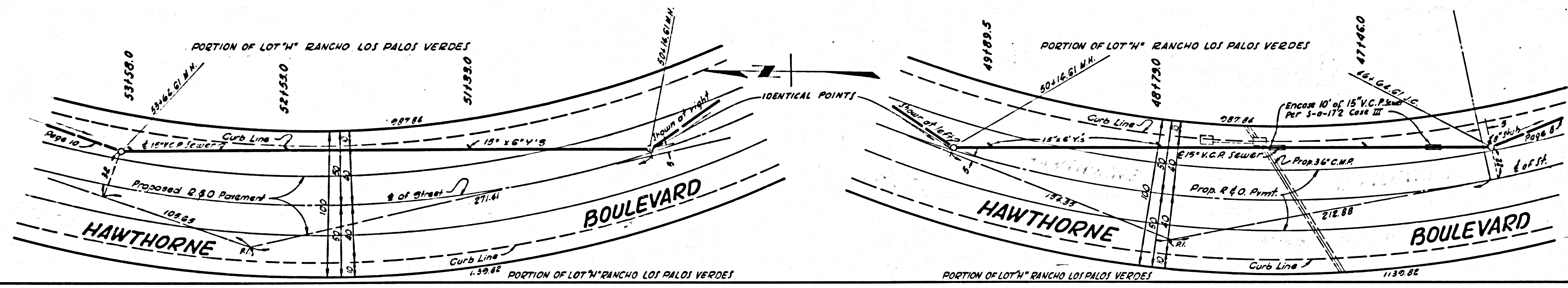
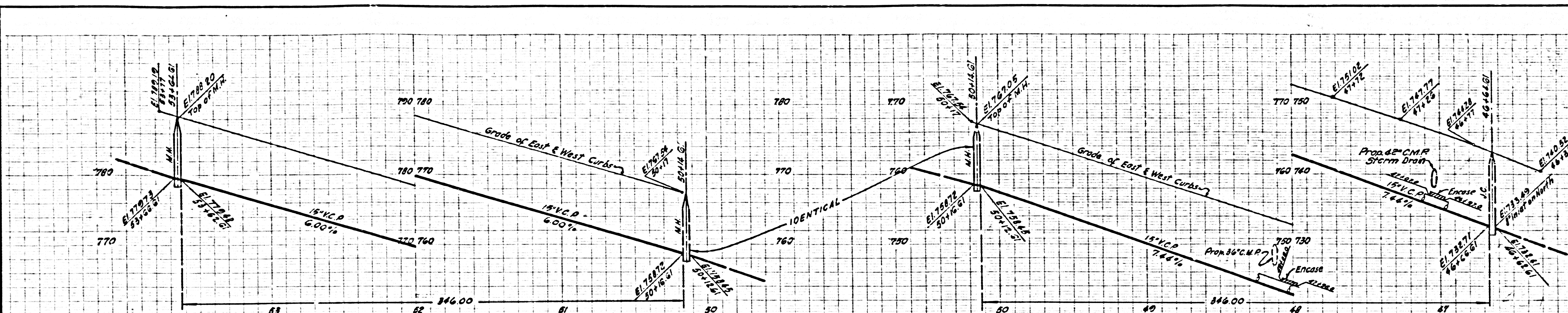
ISSUE NO PERMITS
SEE P.C. 5433

30091



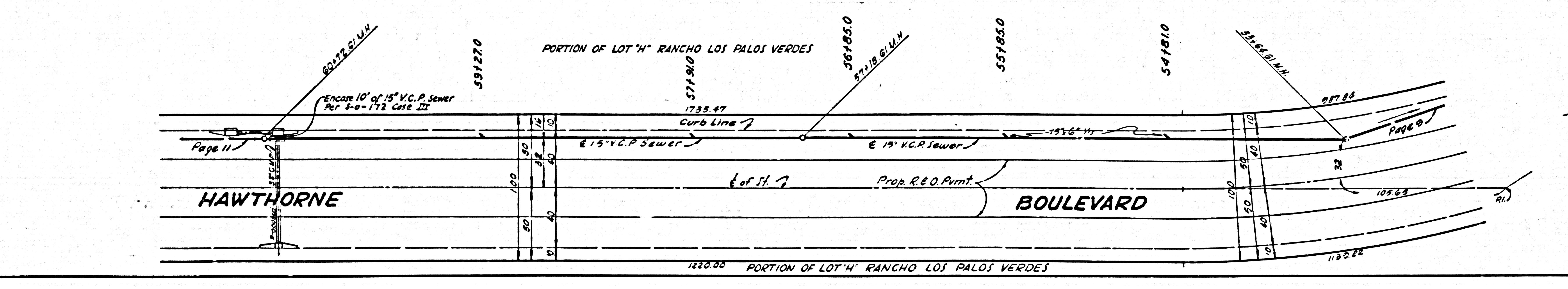
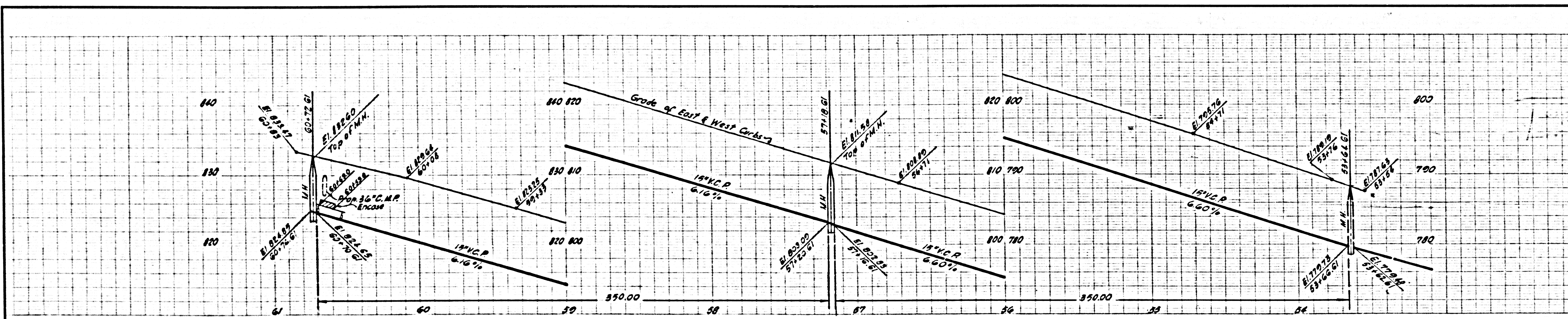
DOUBLE SCALE
ISSUE NO PERMITS
SEE P.C. 5433

30,092



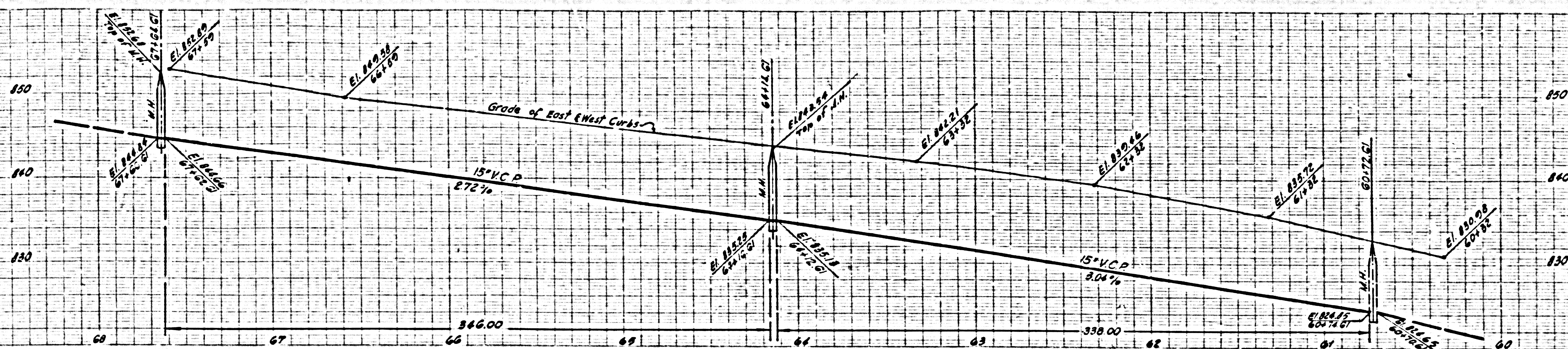
DOUBLE SCALE
ISSUE NO PERMITS
SEE P.C. 5433

30,093

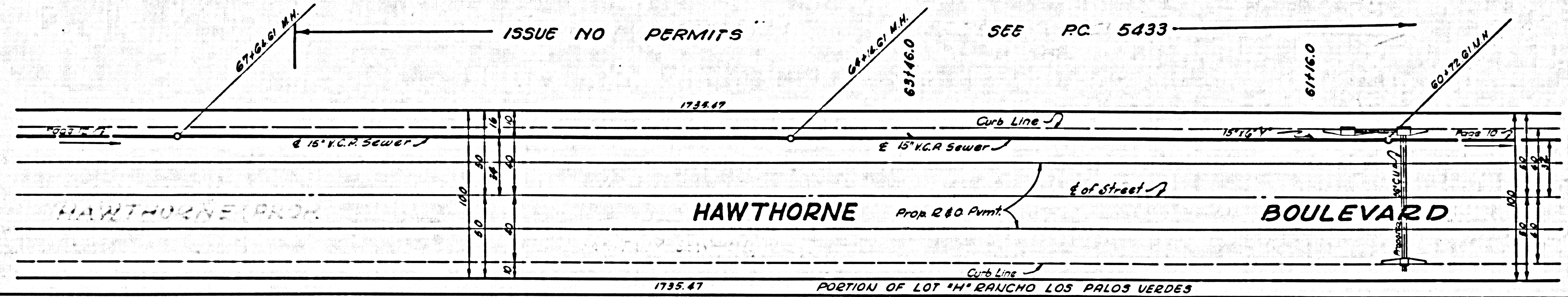


DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

30,094

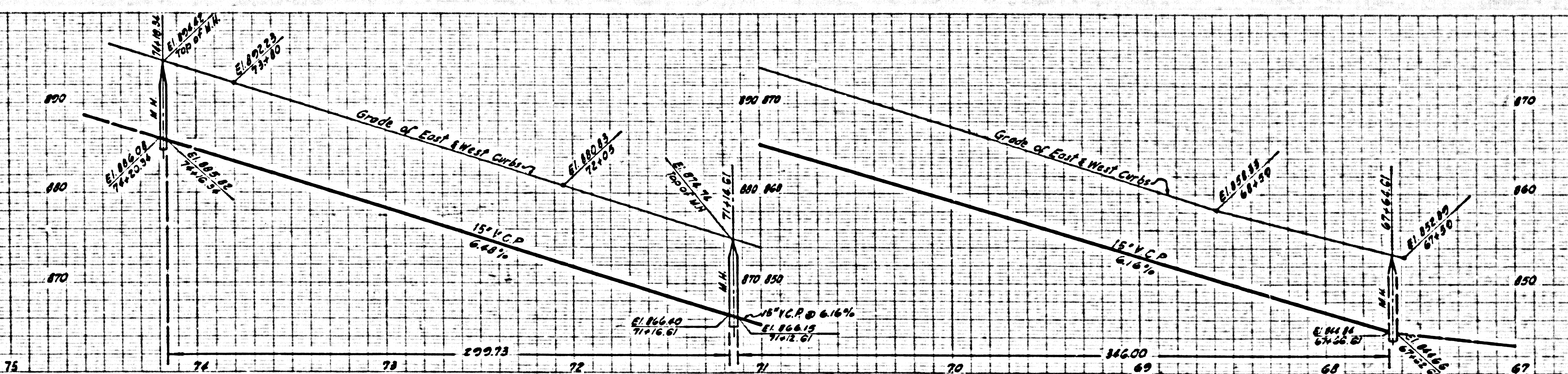


PORTION OF LOT 4H RANCHO LOS PALOS VERDES

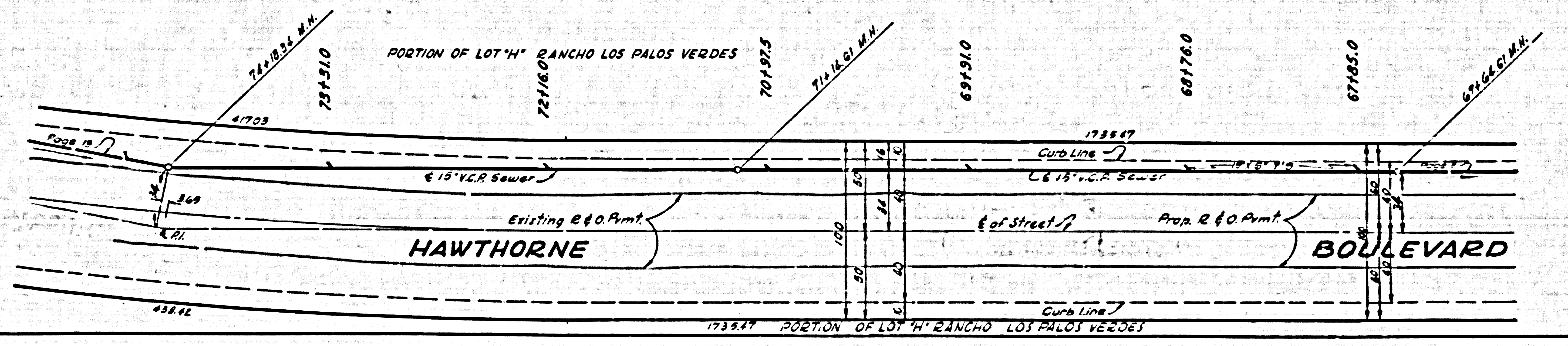


DOUBLE SCALE
NO CHARGE FOR CONNECTIONS

30,095



PORTION OF LOT 4H RANCHO LOS PALOS VERDES

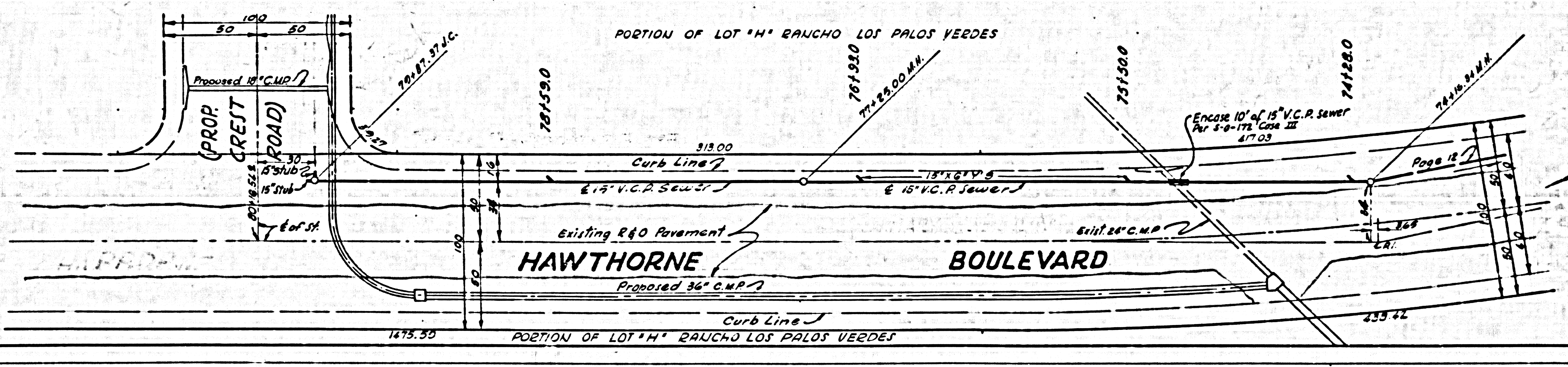
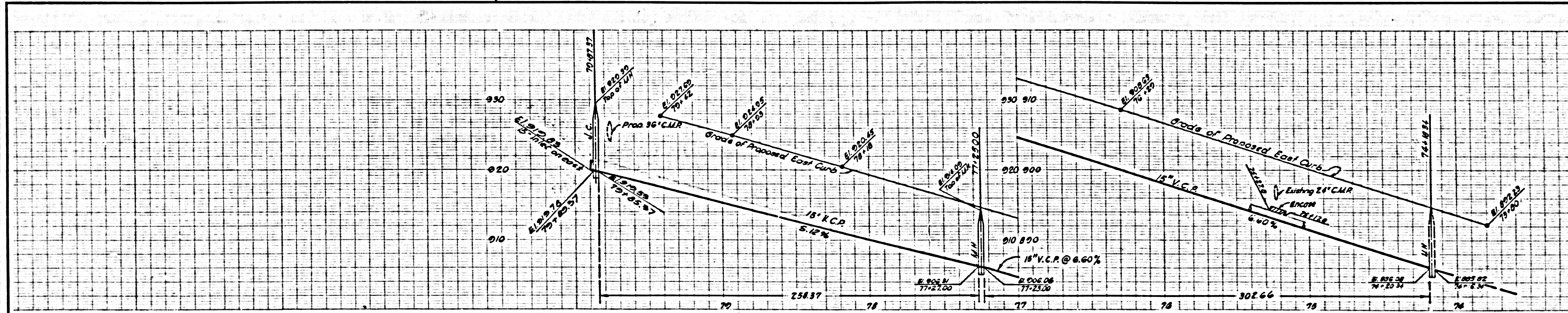


DOUBLE SCALE

NO CHARGE FOR CONNECTIONS

30,096

REVISION:
Lowered grade of
Sewer between
Sta. 77+05.00 & 77+17.57
Approved by C.E. [Signature]
[Date]



CONTROL BY HAWTHORNE BLVD EASEMENT, PC2335, 20V, 2E, WEST