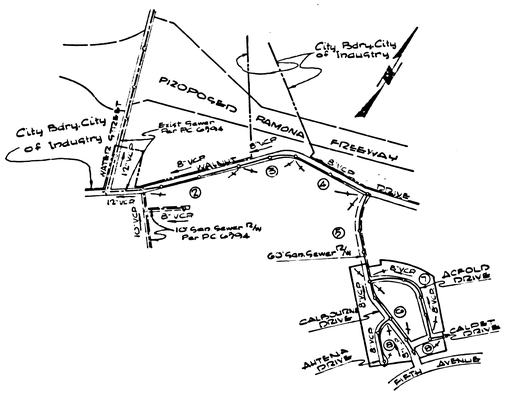



INDEX MAP
Scale: 1"=600'
TRACT Nº 29185
P.C. 6788

BENCH MARK: S.G. 1790

FOUND LEAD & TACK NEAR CENTER OF CURVED CONCRETE HEADWALL ± 24' NORTHERLY OF THE CENTERLINE OF LYCOMING STREET AND 20' EASTERLY OF LEMON.

OTTERBEIN 1959 ELEV. 529.111

## UNDERGROUND STRUCTURES

ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT.

THE OWNER BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERE TO AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING TO THE EXISTANCE OF THE UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED, NOT INDICATED ON THE PUBLIC RECORDS EXAMINED; LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK.

W.C. HOLZHAUER RCE Nº 13054

# DOUBLE SCALE
# LA PUENTE BLDG. DIST. NO. 2

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. NO REPRESENTATIVE OF THE COUNTY ENGINEER WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
3. THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY ENGINEER WITH GRADE SHEETS AND STATIONING FOR HOUSE LATERALS AND WYE BRANCHES AND SHALL PROVIDE STAKES FOR THEM AND THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLAN. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45° WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY PRIVATE ENG.
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-4-117.
7. USE BATTER STRAIGHT PIPE. ALL PIPE IS STANDARD DEPTH EXCEPT AS NOTED.
8. USE MECHANICAL COMPRESSION FOR ALL Y.C.P. JOINTS PER SPEC'S., SECS. 36, 48, & 49, EXCEPT AS NOTED.
9. RESURFACE ALL TRENCH WITHIN PAVED AREA TO MEET L.A. COUNTY ROAD DEPT. OR CALIF. STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
10. IF A POWER POLE IS WITHIN THIRTY FEET OF THE SEWER SHALL BE ENCASED PER S-4-172 CASE II. TWO PERSON BITUMIN SEAL FROM THE POINT OF INTERSEPTION.
11. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 6' FEET BELOW CURB GRADE EXCEPT AS NOTED.
12. MANHOLES SHALL BE BRICK SEWER STRUCTURES PER S-106 PRECAST CONCRETE MANHOLES PER S-4-133 OR S-4-175 MAY BE USED AS AN ALTERNATE IN LOCATIONS APPROVED BY THE CO. ENGINEER.
13. FOR ALLOWABLE LEAKAGE TEST USE FORMULA NO. 2 SPEC'S., SEC. 54.
14. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
15. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, MADISON 9-4747, EXT. 8/MI AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
16. IF DURING THE COURSE OF CONSTRUCTION IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL VCP SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER SEC. A-172 CASE III UNLESS OTHERWISE APPROVED BY THE CO. ENGINEER.
17. ALL STATE AND LOCAL TRENCH SAFETY ORDERS WILL BE RIGIDLY ENFORCED.

PROFILE ALIGNMENT AND GRADE OF P.C. 6788
SANITARY SEWERS PAGE 1
TO BE CONSTRUCTED IN

## TRACT Nº 29185
## PRIVATE CONTRACT NO. 6788

W.S. 39
6 SHEETS; 8 PAGES
SCALE: VERT. 1" = 8' HORIZ. 1" = 40'
November, 1963

36220

PREPARED IN THE OFFICES OF
DUTCH HOLZHAUER ENGINEERING INC.
7 W. Hellman Ave. Alhambra, California CU-3-9251
By: W.C. Holzhauer
REG. C. E. NO. 10219

FOR LEGEND SEE PLAN NO. S-A-64

NOTE:
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTER LINE OF STREETS, OR 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 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 DATED May, 1964 ON FILE IN THE OFFICE OF THE COUNTY ENGINEER AND SHALL BE PRODUCTIVE ONLY IN THE PRESENCE OF THE CO. ENG.
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. 1 AND PAY FEE TO THE COUNTY ENGINEER ROOM 816 COUNTY ENGINEERS BUILDING, 108 WEST SECOND ST. OR AT ANOTHER ORIGINAL OFFICE 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 OR 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, 120 SOUTH SPRING STREET.

COUNTY OF LOS ANGELES, CALIFORNIA

APPROVED, JOHN A. LAMBIE, COUNTY ENGINEER — APPROVED, J.D. PARKHURST CHIEF ENGINEER
CO. SAN. DIST. NO. 21
BY Richard E. Kuhn, ASST. SANITATION ENGINEER — BY J. Parkhurst, OFFICE ENGINEER
SUBMITTED BY: Gordon W. Keizel, SAN DIMAS REGIONAL OFFICE
CHECKED BY: B.F. Perling 1-30-64, REG. C.E. Nº 11636

J.N. 0361.92

COLLECT CHARGES AS INDICATED
Harold S. Anderson

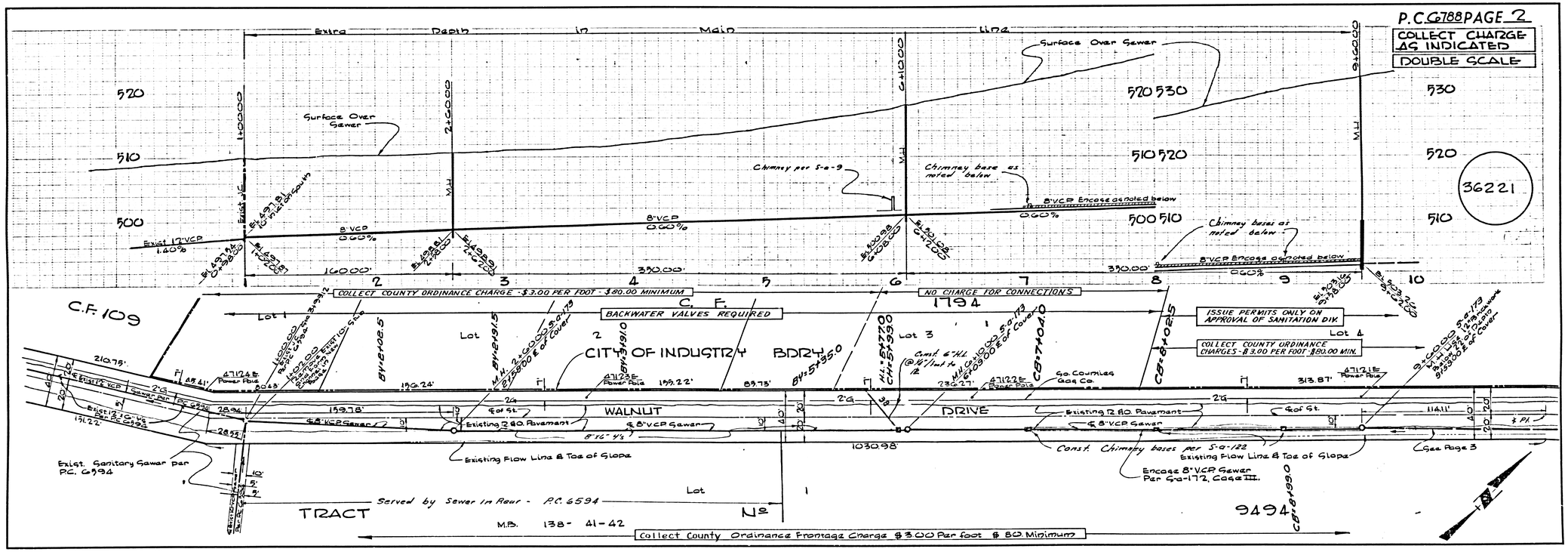
Note: 30" Gas Line in Walnut Street is high pressure gas line (Co. 55 psi). Contractor to notify Ga Counties Gas Co. 24 hrs. prior to excavation. Phone Brea, Jasper 9-2889

REVISION:
1. Added a H.L. on Page 2 @ Sta 5+99.00
2. Added 36' of 8" Main, 4 Wye, & MH on Page 8-8 @ Sta 5+16.22.
APPROVED: B.F. Perling 4-3-64
OFFICE OF THE COUNTY ENGINEER R.C.E. Nº 11636

NO CONNECTIONS FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS WITHOUT WRITTEN PERMISSION FROM THE CHIEF ENGINEER AND GENERAL MANAGER OF THE COUNTY SANITATION DISTRICTS.

REVISION: PAGES 3 and 4
1 REVISED SEWER ALIGNMENT BETWEEN STA. 12+75.00 TO 14+50.00.
2 CHANGED 8" V.C.P. TO 8" C.I.P. FROM STA. 10+30.5 TO STA. 13+76.5. USE CENTRIFUGALLY CAST, CAST IRON PIPE, CLASS 150, 21/45 PHYSICALS WITH "TYTON JOINTS" OR EQUAL, BE MECHANICAL JOINTS ON FITTINGS.
3 RELOCATED CHIMNEYS FROM STA. 13+00 TO 12+75 AND 10+95 TO 11+00.
4. INSTALL 8" C.I.P. PER S.D. DESIGN MANUAL A21.1.
APPROVED: B.F. Perling Date: 9-11-69
OFFICE OF THE COUNTY ENGINEER R.C.E. NO. 11636

P.C. 6788 PAGE 2
COLLECT CHARGE AS INDICATED
DOUBLE SCALE



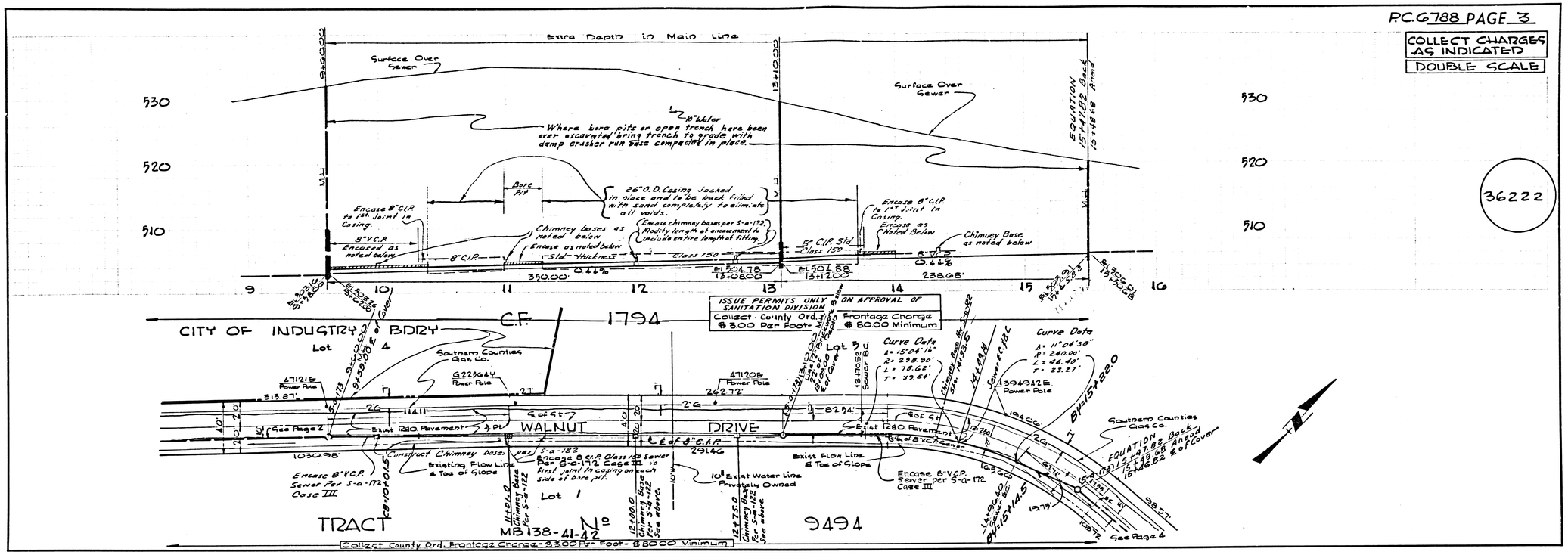

X & E 198 SO. CAL. BLUE PRINT SHEET NO 2

P.C. 6788 PAGE 3

COLLECT CHARGES AS INDICATED

DOUBLE SCALE

36222

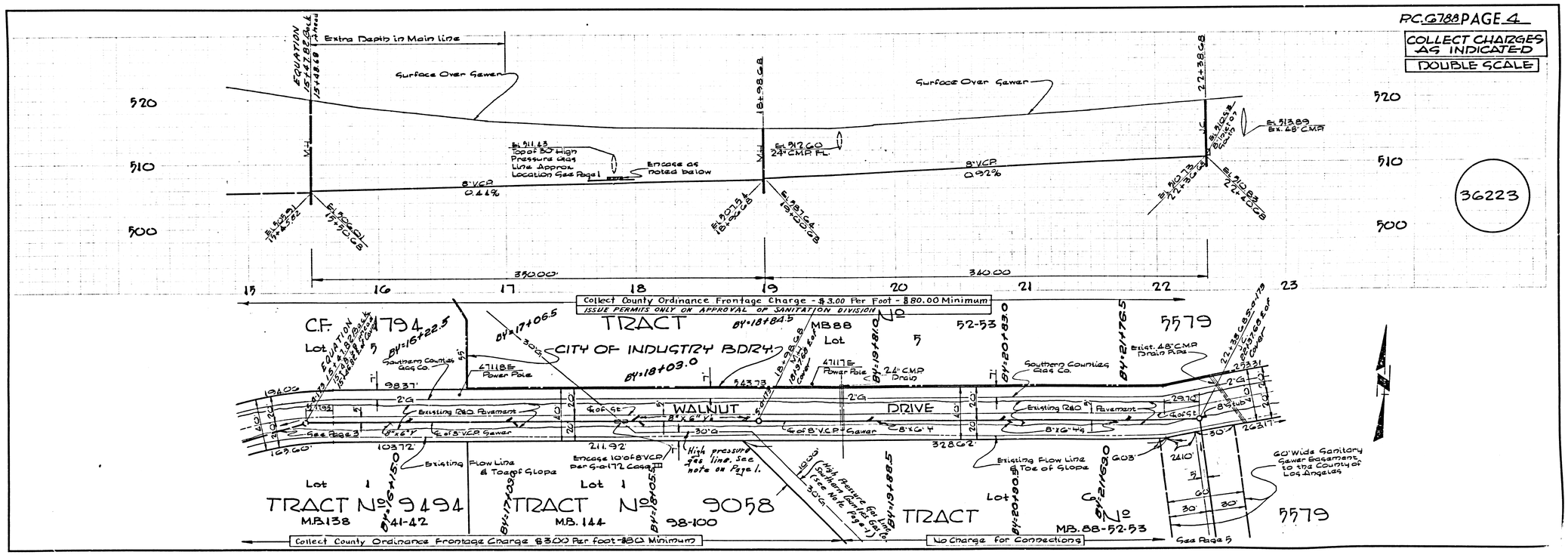


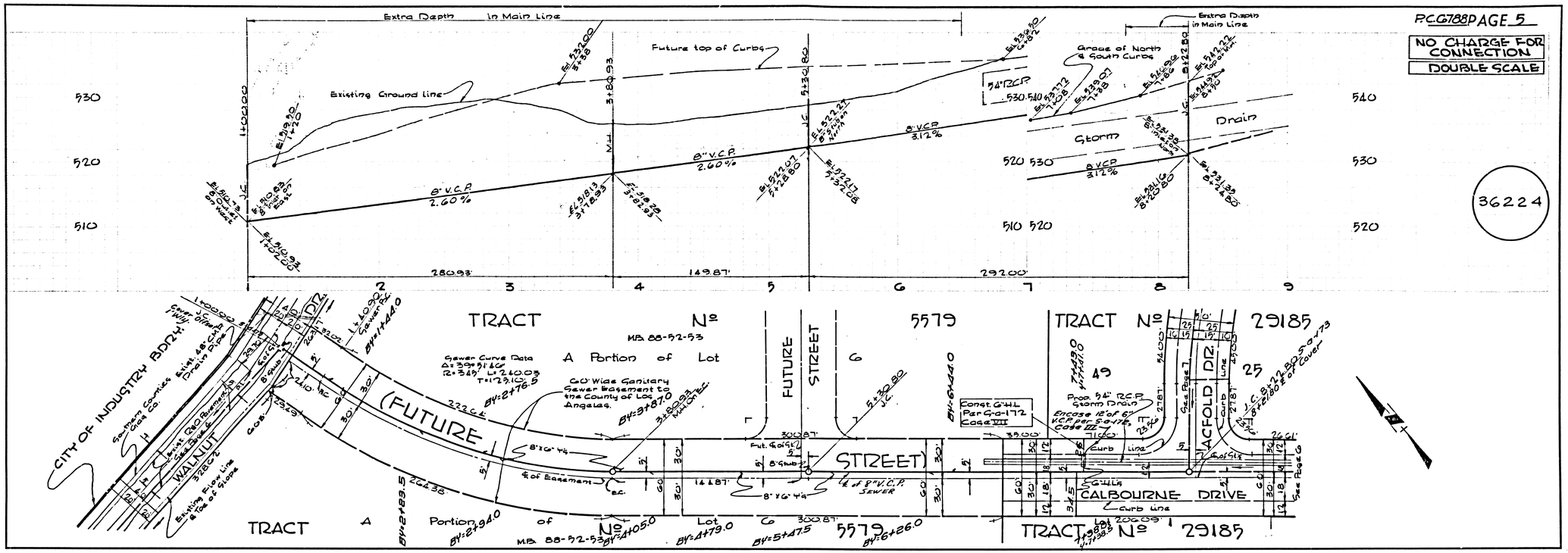

P.C. 6788 PAGE 4

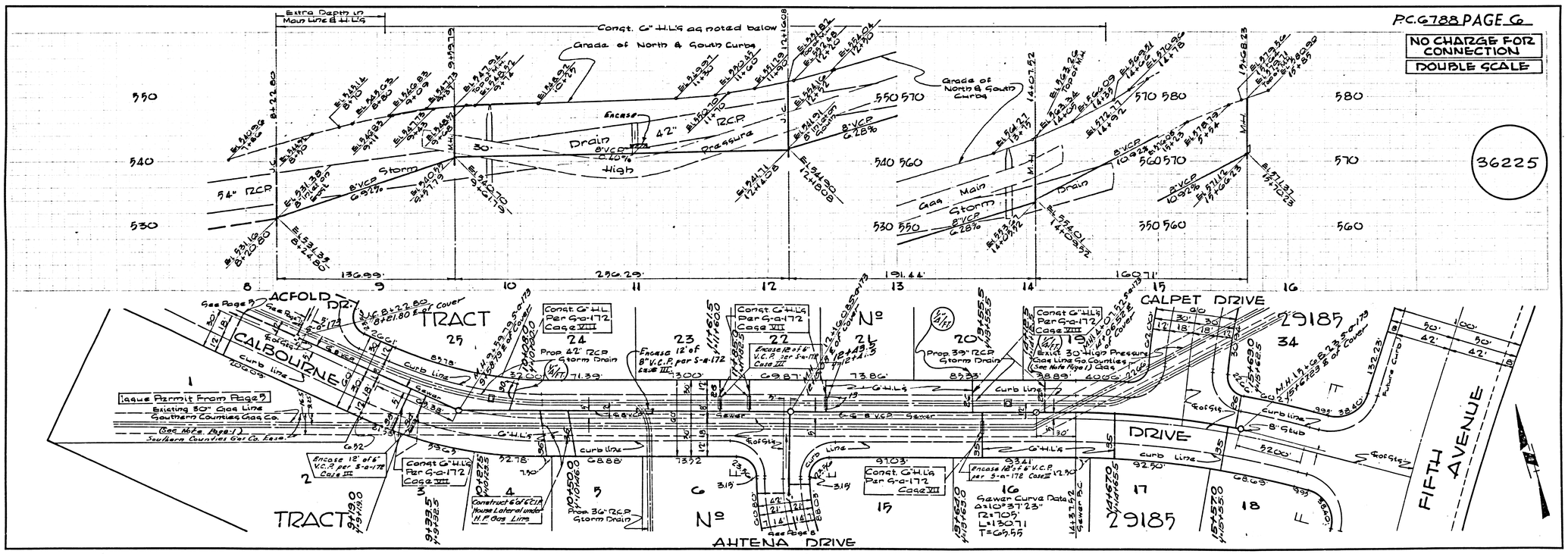
COLLECT CHARGES AS INDICATED

DOUBLE SCALE

36223



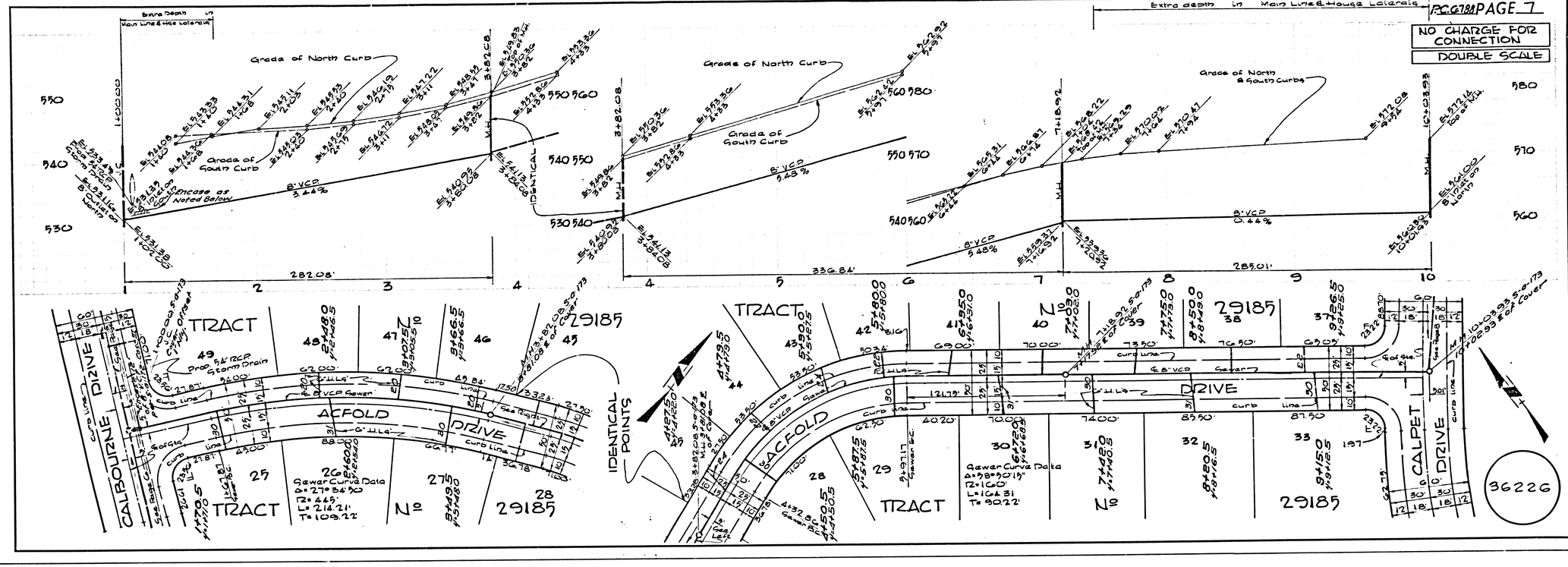

P.C.6788 PAGE 5
NO CHARGE FOR CONNECTION
DOUBLE SCALE
36224
Extra Depth in Main Line
Future top of Curbs
Existing Ground Line
Grade of North & South Curbs
Storm Drain
8" V.C.P. 2.60%
8" V.C.P. 3.12%
54" RCP
280.93'
149.87'
292.00'
TRACT No 5579
MB 88-52-53
A Portion of Lot 6
FUTURE STREET
TRACT No 29185
CITY OF INDUSTRY BDRY.
WALNUT
CALBOURNE DRIVE
ACFOLD DR.
Const. 6" H.L.'s Per G-a-172 Case VII
Prop. 54" RCP Storm Drain
Encase 12' of 6" V.C.P. per S-a-172 Case III
Curb Line
Sewer Curve Data
Δ=39°51'60"
R=349'
L=240.03
T=123.10
6.0' Wide Sanitary Sewer Easement to the County of Los Angeles.
Existing 48" CMP Drain Pipe
Southern Counties Gas Co.
Existing Flow Line & Top of Slope
Grade of North & South Curbs
Extra Depth in Main Line


P.C.6788 PAGE 6
NO CHARGE FOR CONNECTION
DOUBLE SCALE
36225
Extra Depth in Main Line & H.L.'s
Const. 6" H.L.'s as noted below
Grade of North & South Curbs
Encase
42" RCP
Drain
Pressure
High
54" RCP
Storm
Gas Main
136.99'
290.29'
191.44'
160.71'
ACFOLD DR.
CALBOURNE
TRACT 29
TRACT 29185
CALPET DRIVE
DRIVE
FIFTH AVENUE
AHTENA DRIVE
Sewer Curve Data
Δ=10°37'23"
R=705'
L=130.71
T=65.55
Prop. 36" RCP Storm Drain
Prop. 42" RCP Storm Drain
Prop. 39" RCP Storm Drain
Exist. 30" High Pressure Gas Line Go Counties
Construct 6" of C.I.P. House Lateral under H.P. Gas Line
Curb Line
Sewer
8" Stub

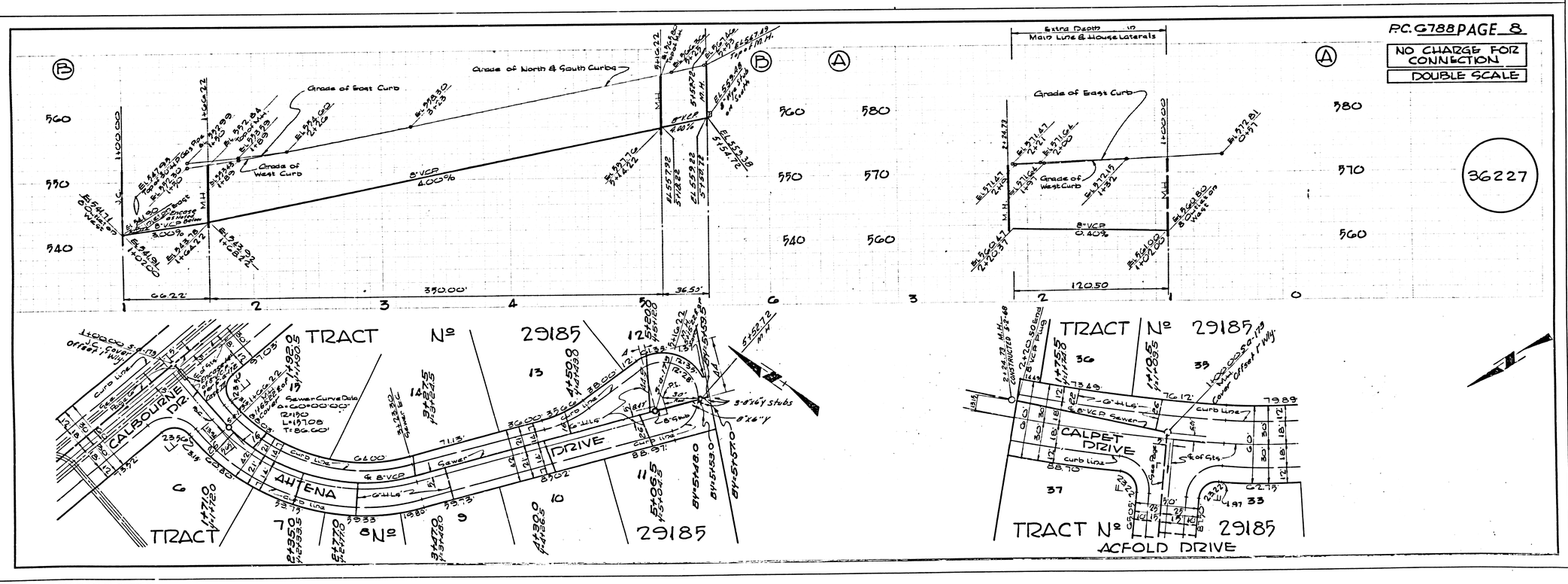
P.C. 6788 PAGE 7

NO CHARGE FOR CONNECTION

DOUBLE SCALE




P.C. 6788 PAGE 8

NO CHARGE FOR CONNECTION

DOUBLE SCALE