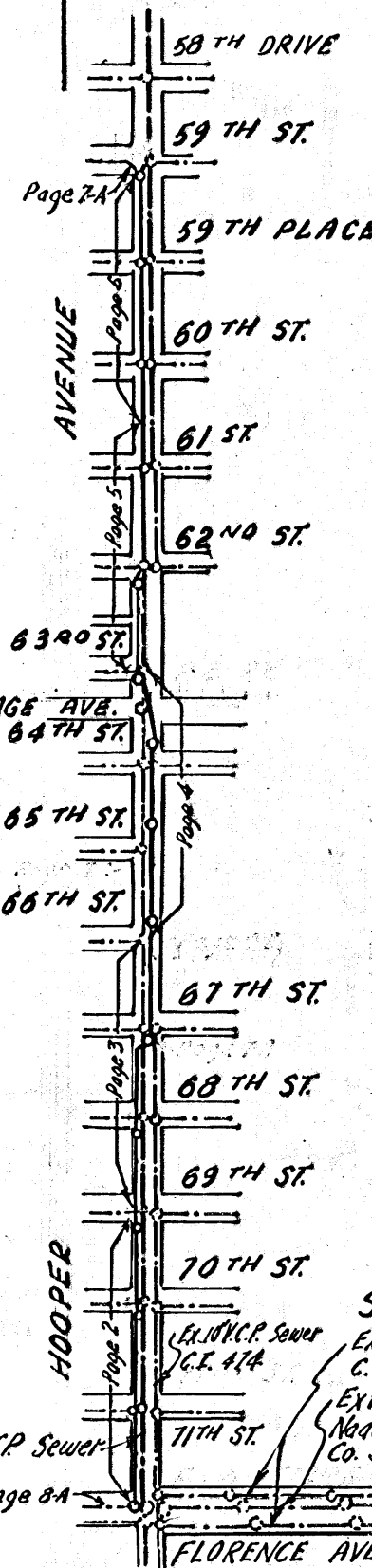


B.M. 87392 ELEV. 149.046
L.A. CO. RD. DEPT. WATTS (1970) QUAD.
COMPTON AVE. & FLORENCE AVE. NW. COR.
L.A. BENCH NAIL, MIDDLE OF CURB.



NO.	REVISION	APPROVED	DATE
1	CHANGE OF INVERT ELEV. AND H.L. CONNECTIONS.	W.H. Haggan	5-7-75
2	ADDED ELECT. CONDUIT ON PAGE 8-A	W.H. Haggan	7-25-75
3	ADDED 48" STEEL CASING & A.M.H. ON PAGE 4	B.S. Scanlon	8-18-75

County Sanitation Districts shall be notified prior to the following so that required inspection can be made (Phone 982-8805, 838-1101)

Breaking into existing manhole on District trunk sewer.

Acceptance of this project.

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.

Scale: 1"=600'

EXIST. 8" V.C.P. Sewer, C.I. 474

EXIST. 15" V.C.P. Sewer, C.I. 474

EXIST. 12" V.C.P. Sewer, C.I. 474

EXIST. 10" V.C.P. Sewer, C.I. 474

EXIST. 8" V.C.P. Sewer, C.I. 474

EXIST. 6" V.C.P. Sewer, C.I. 474

EXIST. 4" V.C.P. Sewer, C.I. 474

EXIST. 3" V.C.P. Sewer, C.I. 474

EXIST. 2" V.C.P. Sewer, C.I. 474

EXIST. 1" V.C.P. Sewer, C.I. 474

EXIST. 0" V.C.P. Sewer, C.I. 474

EXIST. -1" V.C.P. Sewer, C.I. 474

EXIST. -2" V.C.P. Sewer, C.I. 474

EXIST. -3" V.C.P. Sewer, C.I. 474

EXIST. -4" V.C.P. Sewer, C.I. 474

EXIST. -5" V.C.P. Sewer, C.I. 474

EXIST. -6" V.C.P. Sewer, C.I. 474

EXIST. -7" V.C.P. Sewer, C.I. 474

EXIST. -8" V.C.P. Sewer, C.I. 474

EXIST. -9" V.C.P. Sewer, C.I. 474

EXIST. -10" V.C.P. Sewer, C.I. 474

EXIST. -11" V.C.P. Sewer, C.I. 474

EXIST. -12" V.C.P. Sewer, C.I. 474

EXIST. -13" V.C.P. Sewer, C.I. 474

EXIST. -14" V.C.P. Sewer, C.I. 474

EXIST. -15" V.C.P. Sewer, C.I. 474

EXIST. -16" V.C.P. Sewer, C.I. 474

EXIST. -17" V.C.P. Sewer, C.I. 474

EXIST. -18" V.C.P. Sewer, C.I. 474

EXIST. -19" V.C.P. Sewer, C.I. 474

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EXIST. -21" V.C.P. Sewer, C.I. 474

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EXIST. -27" V.C.P. Sewer, C.I. 474

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EXIST. -70" V.C.P. Sewer, C.I. 474

EXIST. -71" V.C.P. Sewer, C.I. 474

EXIST. -72" V.C.P. Sewer, C.I. 474

EXIST. -73" V.C.P. Sewer, C.I. 474

EXIST. -74" V.C.P. Sewer, C.I. 474

EXIST. -75" V.C.P. Sewer, C.I. 474

EXIST. -76" V.C.P. Sewer, C.I. 474

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EXIST. -81" V.C.P. Sewer, C.I. 474

EXIST. -82" V.C.P. Sewer, C.I. 474

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EXIST. -85" V.C.P. Sewer, C.I. 474

EXIST. -86" V.C.P. Sewer, C.I. 474

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EXIST. -94" V.C.P. Sewer, C.I. 474

EXIST. -95" V.C.P. Sewer, C.I. 474

EXIST. -96" V.C.P. Sewer, C.I. 474

EXIST. -97" V.C.P. Sewer, C.I. 474

EXIST. -98" V.C.P. Sewer, C.I. 474

EXIST. -99" V.C.P. Sewer, C.I. 474

EXIST. -100" V.C.P. Sewer, C.I. 474

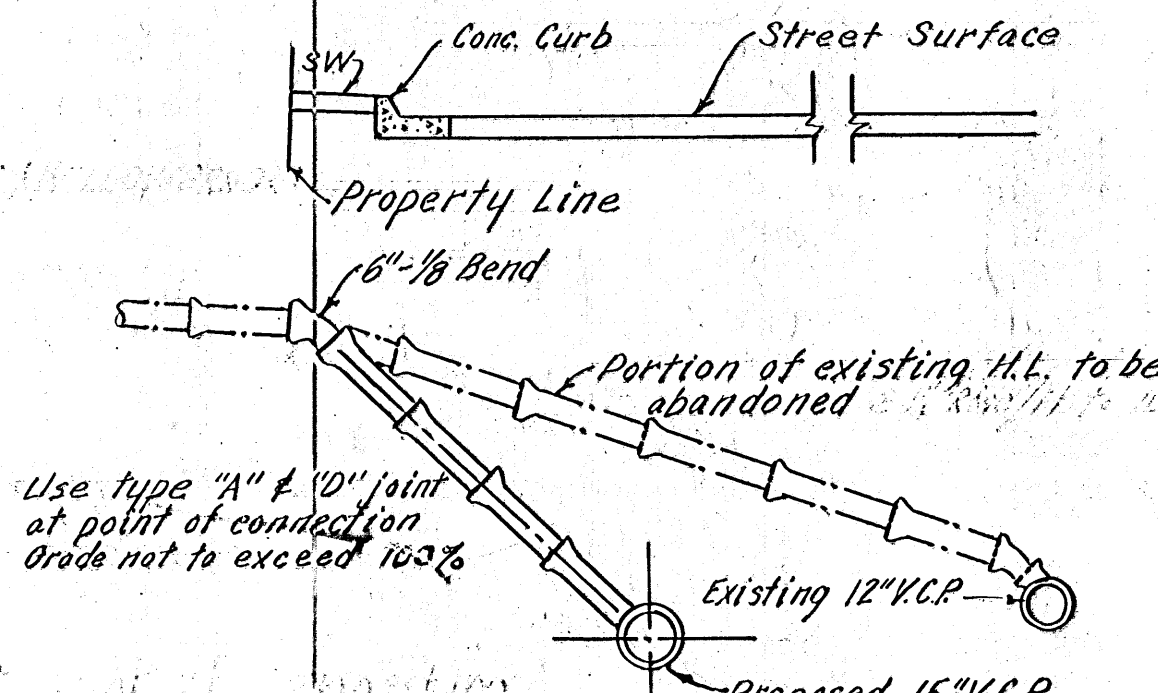
NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS NOTED ON THIS MAP.

THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING.

"PRIOR TO TRENCH EXCAVATION, THE CONTRACTOR SHALL SUBMIT TO AND OBTAIN APPROVAL FROM THE COUNTY ENGINEER OF A DETAILED PLAN SHOWING THE DESIGN OF SHORING, BRACING, SLOPING OR OTHER PROVISIONS FOR WORKER PROTECTION FROM THE HAZARD OF CAVING GROUND. IF SUCH PLAN VARIES FROM THE SHORING SYSTEM STANDARDS ESTABLISHED BY THE CONSTRUCTION SAFETY ORDERS, IT SHALL BE PREPARED BY A REGISTERED CIVIL OR STRUCTURAL ENGINEER."

THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES FOR UTILITY MARKING AND COORDINATION PRIOR TO CONSTRUCTION.



TYPICAL DETAIL
HOUSE LATERAL RECONSTRUCTION

No SCALE

GENERAL NOTES:

REFER TO SECTION 7-10-41 OF STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.

ALL MANHOLES SHALL BE EITHER BRICK PER 5-3 OR PRECAST CONCRETE PER 5-36, EXCEPT AS NOTED.

"T" OR "Y" BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER, EXCEPT AS NOTED.

VERTIFIED CLAY PIPE JOINTS SHALL BE TYPE "D", "F", OR "G" PER SECTION 208-A OF STANDARD SPECIFICATIONS.

ALL JOINTS BETWEEN CAST IRON PIPE AND VERTIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLAVE JOINT, TYPE "C" OR "D" (WITH BUSHING IF NECESSARY) PER SEC. 208-2 OF STD. SPECS.

SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 304-1.4 OF STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.

IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER 5-23 CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.

ALL PIPE IS STANDARD DEPTH EXTRA STRENGTH VERTIFIED CLAY PIPE, EXCEPT AS NOTED.

NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE COUNTY ENGINEER.

CONTRACTOR SHALL MAINTAIN SEWER SERVICE AT ALL TIMES DURING CONSTRUCTION OF MAIN LINE SEWERS AND HOUSE LATERAL SEWERS.

ALL SEWER PIPES AND APPURTENANCES SHALL BE ABANDONED IN ACCORDANCE WITH SEC. 505-5 OF STANDARD SPECIFICATIONS.

ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT HAVE AN ANGLE OF LESS THAN 45 DEGREES WITH THE MAIN LINE SEWER.

ALL CONCRETE CROSS GUTTERS, CURBS, GUTTERS, PAVEMENT, AND DRIVEWAYS SHALL BE TUNNELED OR JACKED PER LOS ANGELES COUNTY ROAD DEPARTMENT REQUIREMENTS.

STREET RESURFACING:

STREET RESURFACING METHODS SHALL BE IN ACCORDANCE WITH SECTION 305-1.5.2 OF THE SPECIAL PROVISIONS.

FINAL STREET RESURFACING IN ANY LOCATION SHALL BE COMPLETED WITHIN 30 DAYS AFTER COMPLETION OF TRENCH BACKFILL.

THE RESURFACED AREA SHALL BE SEALED WITH AS-1 EMULSION AND 1/4 INCH CRUSHED ROCK.

RESURFACING SCHEDULE: RESURFACE TRENCH WITHIN PAVED AREA WITH TYPE _____ ASPHALTIC CONCRETE _____ INCHES IN THICKNESS ON _____ INCHES OF AGGREGATE BASE MATERIALS, EXCEPT AS NOTED BELOW.

59th Street west of Hooper Avenue-Three inches of Type II Asphalt Concrete.

Hooper Avenue from 59th Street to 68th Street-Six inches of Type II Asphalt Concrete.

Hooper Avenue, 68th Street to Florence Avenue-Five inches of Type II Asphalt Concrete over six inches of crushed aggregate base.

Florence Avenue at Hooper Avenue-2" A.C. over Nine inches of portland cement concrete over five inches of crushed aggregate base.

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND

MINIMUM PUBLIC SAFETY REQUIREMENT	5-1
BRICK MANHOLE	5-2
NON-REINFORCED PRECAST CONCRETE MANHOLE	5-3
LOCKING MANHOLE FRAME AND COVER	5-3
REINFORCED PRECAST CONCRETE MANHOLE	5-3
SPECIAL SUPPORT AND PROTECTION	5-3
TRAP MANHOLE CASTING	5-10
BRICKING INTO EXISTING BRICK OR PRECAST CONCRETE MANHOLE	5-13

THE CONTRACTOR SHALL OBTAIN THE FOLLOWING PERMITS PRIOR TO CONSTRUCTION:

- LOS ANGELES COUNTY ROAD DEPARTMENT USE PERMIT (SEE EXEMPT).
- LOS ANGELES COUNTY ENGINEER, CONSTRUCTION PERMIT (SEE EXEMPT).
- PRIOR TO EXECUTION OF THE CONTRACT AGREEMENT BY THE COUNTY, THE CONTRACTOR SHALL OBTAIN AT HIS EXPENSE A PERMIT TO EXCAVATE FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY.

THE UNDERGROUND UTILITY COMPANIES WITHIN THE LIMITS OF THIS PROJECT ARE AS FOLLOWS:

- Southern California Water Company (S) SOUTHERN CALIFORNIA EDISON COMPANY
- Southern California Gas Company
- Pacific Telephone
- Shall Oil Company
- American State Water Company
- County Road Department

* SOU. PACIFIC TRANS. CO., RIGHT OF ENTRY PERMIT.

CASH CONTRACT NO. 8597 A

SANITARY SEWERS

TO BE CONSTRUCTED IN

HOOPER AVENUE

AND OTHER RIGHTS OF WAY

4 SHEETS, 8 PAGES

OCTOBER, 1972

COUNTY OF LOS ANGELES, CALIFORNIA

HARVEY T. BRANDT COUNTY ENGINEER

APPROVED: *R.M. Con* 10/27/72
ASSISTANT SANIT. DIVISION ENGR. (DATE)

DESIGNED: *Donald D. Martin* 10/19/72
REG. C. E. NO. 18672 (DATE)

JOHN D. PARKHURST
CHIEF ENGINEER OF COUNTY SANITATION DISTRICT NO. 7

APPROVED: *J. D. Parkhurst*
OFFICE ENGINEER

NOTES:

WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1973 EDITION, 1974 SUPPLEMENTS AND SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED MARCH 1, 1974 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.

THE CONTRACTOR SHALL NOTIFY THE DESIGN DIVISION BY TELEPHONE (213) 974-7283 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.

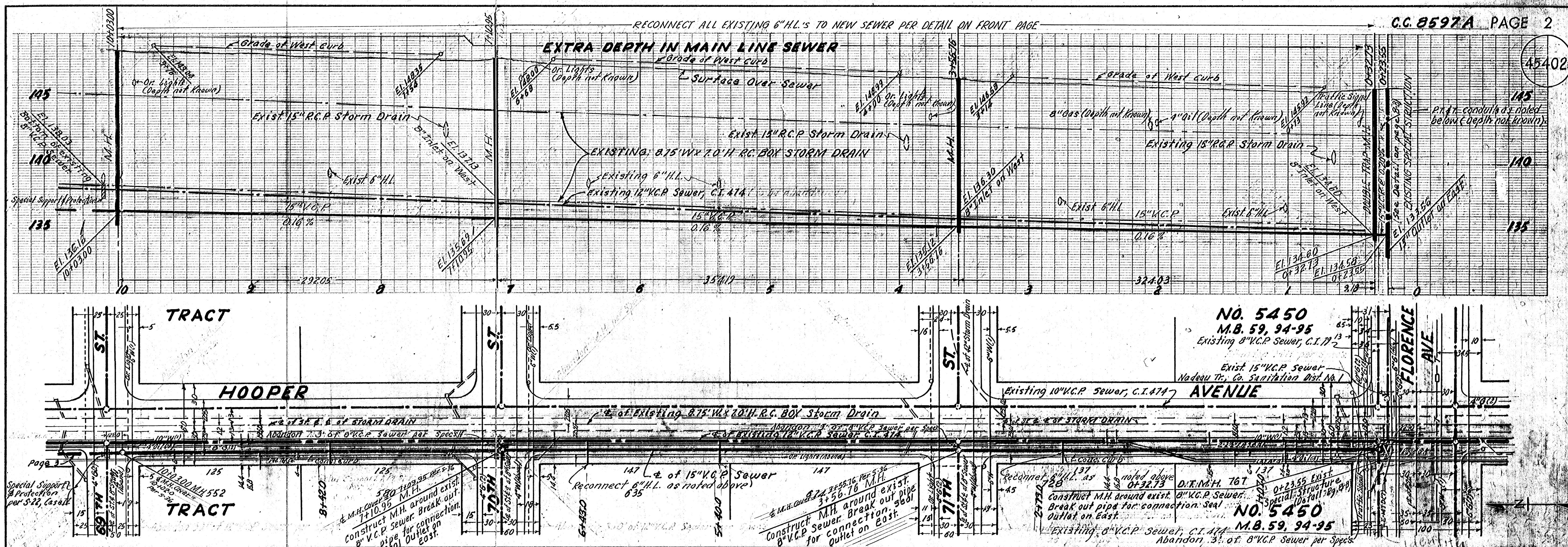
GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURB, CENTER LINE OF STREET OR CENTER LINE OF ALLEY ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.

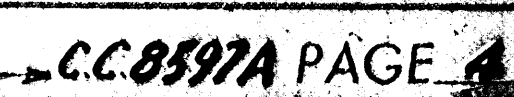
ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S., SEA LEVEL DATUM OF 1929.

THIS DRAWING AND THE DATA HEREON ARE HEREBY MADE A PART OF THE SPECIFICATIONS.

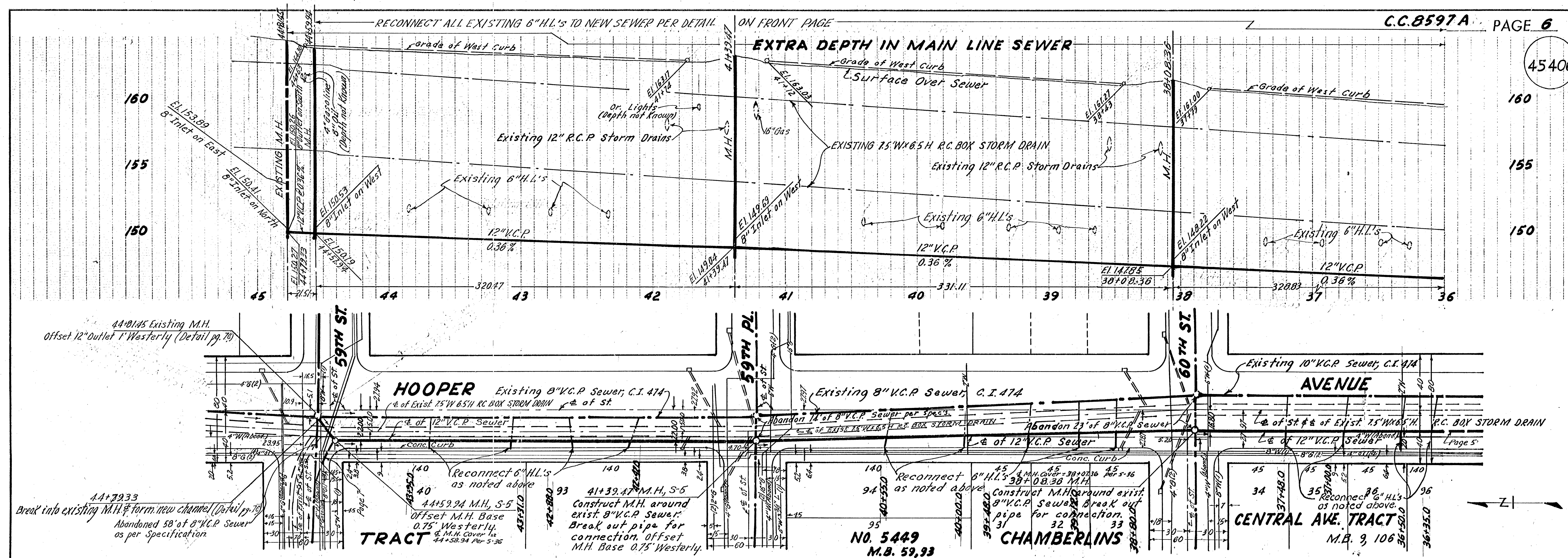
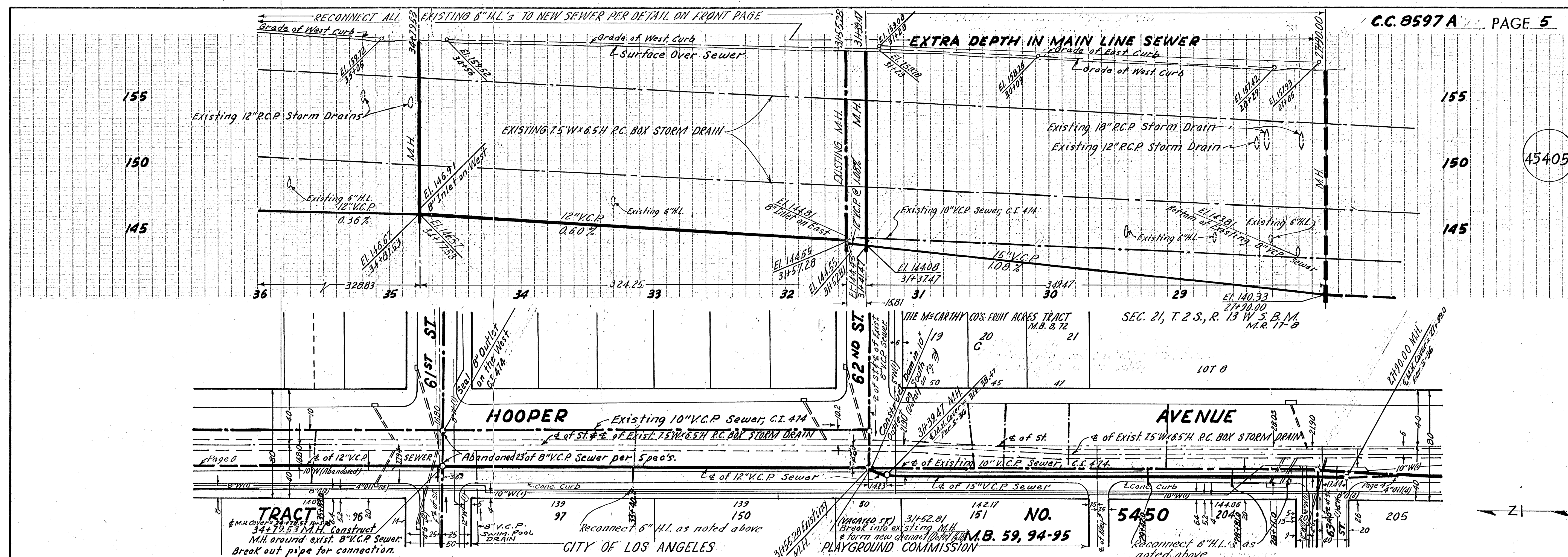
LAYOUT	TEN	FEB. -72	CHECKED	OBRAOVITCH	MARCH-72
TRACED	TEN	FEB. -72	MAINTENANCE	ARNOT	OCT. 72
F. B. 277, 2773, 3922			A. B.		W. S. 7

FIRESTONE BUILDING DISTRICT NO. 1



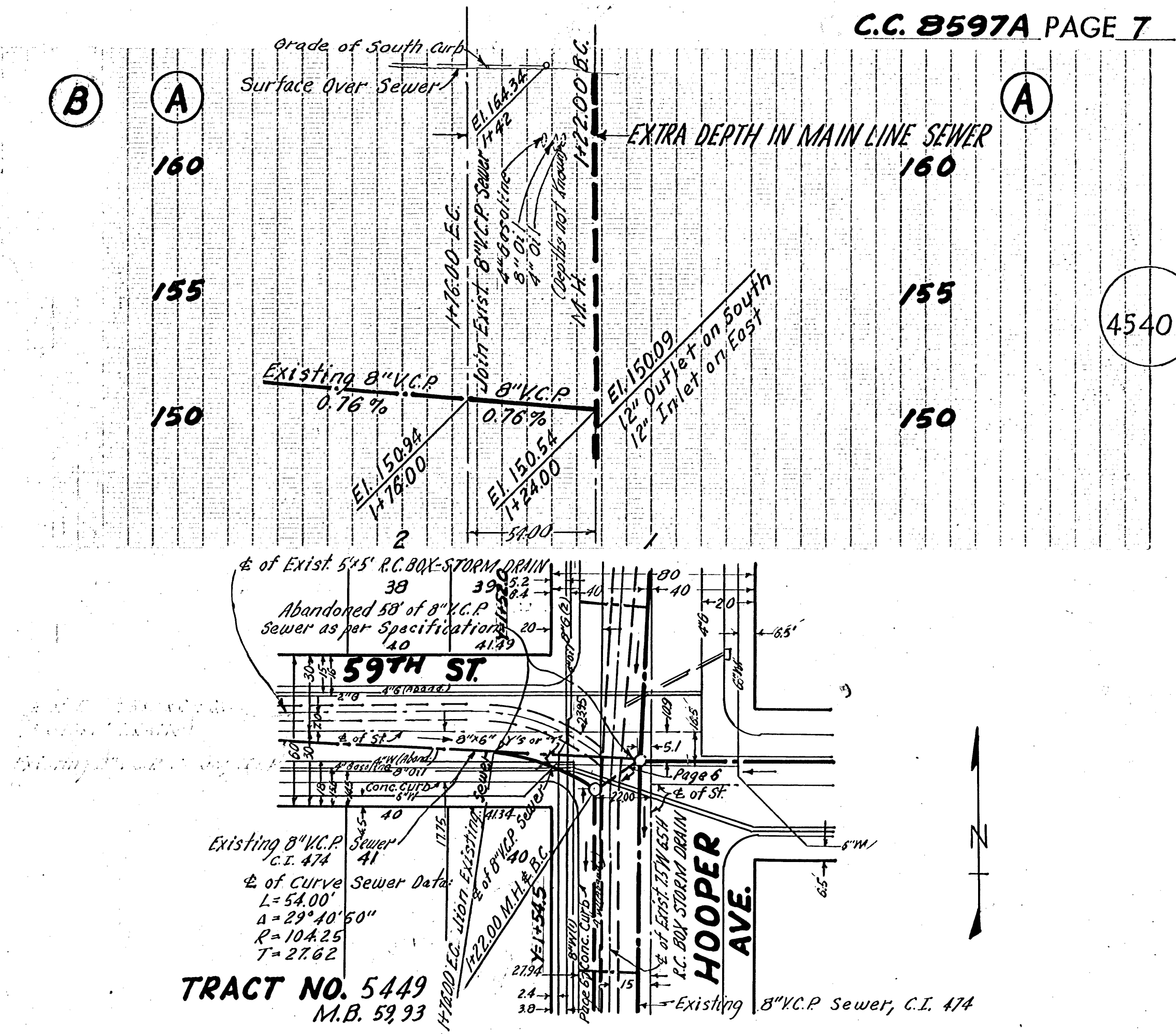
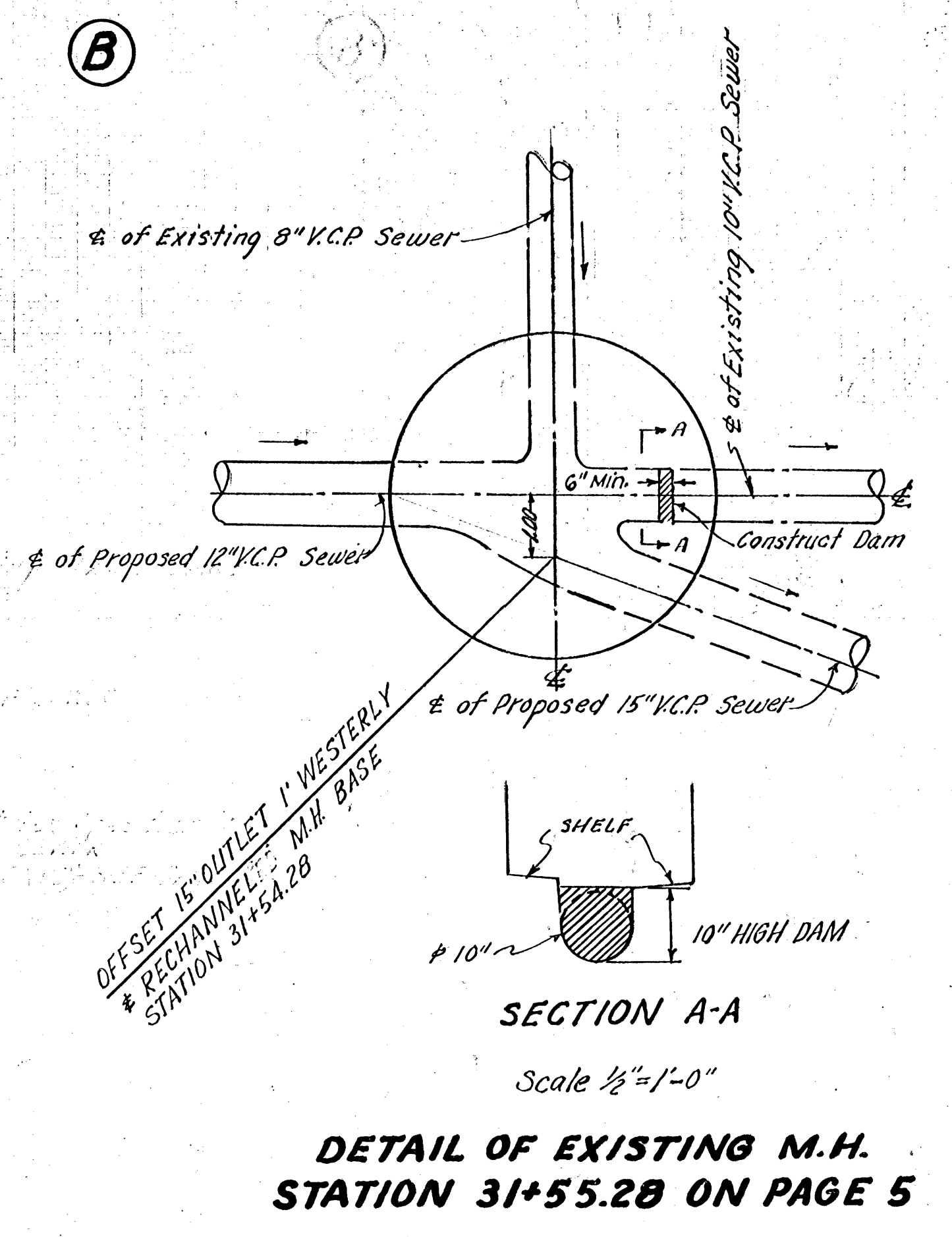
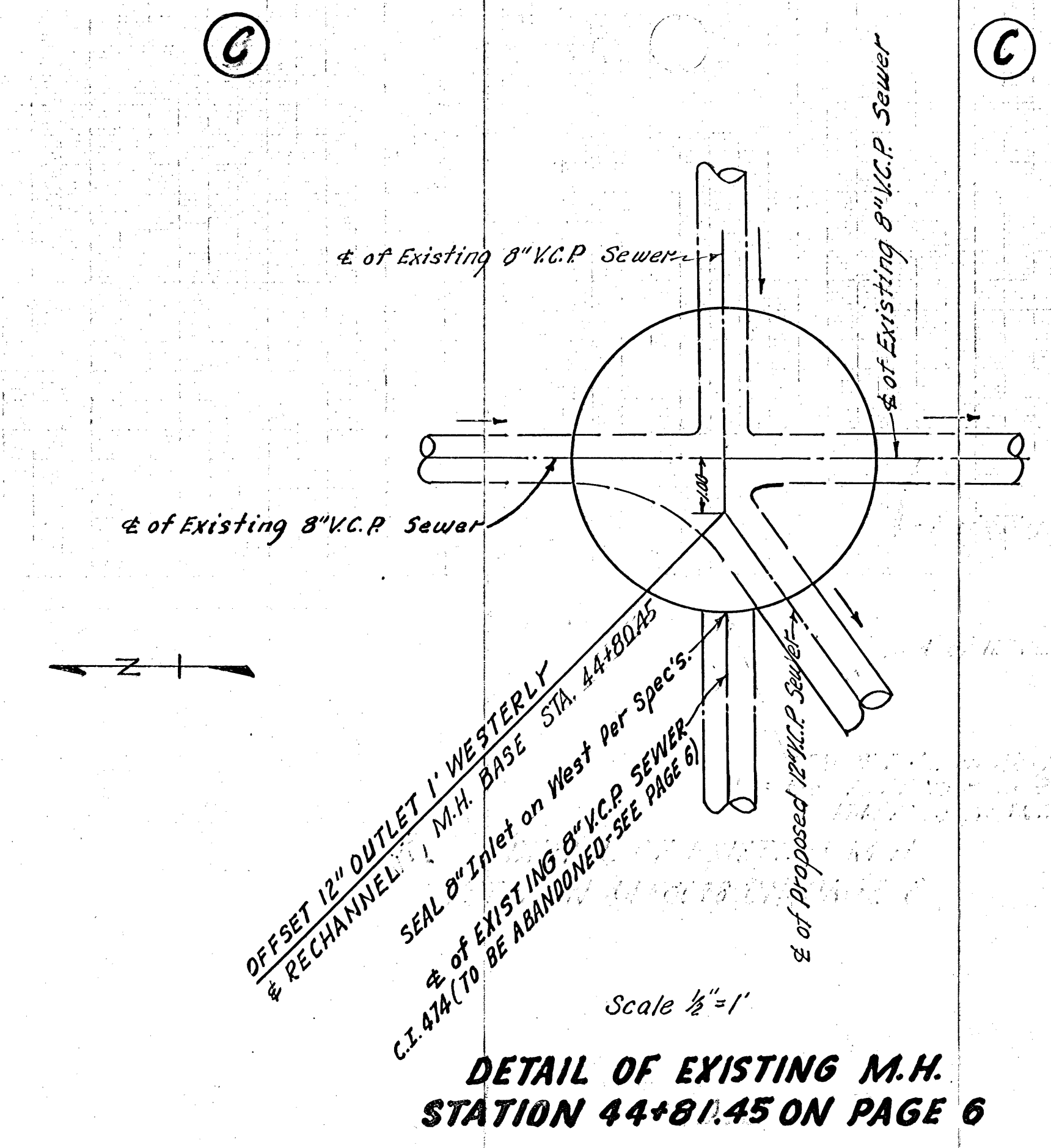


NOTE:
Jack 83.5 feet of 48-inch Steel Casing, 3/8-inch
thick under existing Sou. Pac. R.R. tracks per
Sec. 306-2.2.3 of Std. Specs. **TRACT**



PLAN CONSTRUCTION SHEET FLORENCE-FLORENCE-MILWAUKEE HOOPER AVENUE (HOOPER AVENUE) (BAYVIEW & 59TH ST)

45407



45408

