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CT80129 25444.0M T3ART

SANITARY SEWERS

TO BE CONSTRUCTED IN

TRACT NO. 44475

PRIVATE CONTRACT NO. 10873

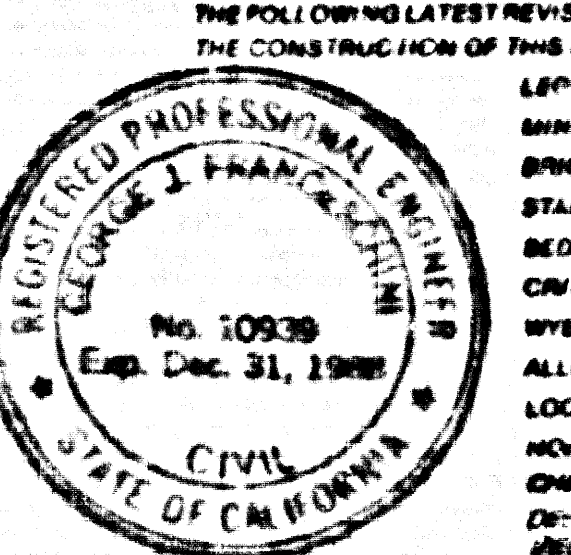
INDEX: C-250

2 SHEETS; 4 PAGES

53364

SCALE: 1" = 10' MAY, 1988

PREPARED IN THE OFFICES OF
B & E ENGINEERS
835 COLORADO BLVD., SUITE 222, LOS ANGELES, CA 90041 (213) 254-5134
BY: *George J. Francklin*
REGISTERED PROFESSIONAL ENGINEER REG. NO. 10939



THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY TO THE CONSTRUCTION OF THIS PROJECT:

LEAKS	01
MINIMUM PUBLIC SAFETY REQUIREMENTS	02
SEWER MANHOLE	03
STANDARD MANHOLE STEP	07
SEED JO FOR SEWER PIPE	08
CHANGING AND ENCASING	09
WYS OR TEE SUPPORT	09
ALLOWABLE TRENCH WIDTHS	09
LOCKING MANHOLE FRAME AND COVER	09
NO. INFORMED PRECAST CONCRETE SEWER MANHOLE	09
CHIMNEY PIPE AND BARGE	09
DEPTH OF TRENCHES FOR SEWER MAINS	09
MINIMUM TRENCH WIDTHS	09
MINIMUM TRENCH WIDTHS	09

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON
DIRECTOR OF PUBLIC WORKS

APPROVED: *Dean Hoffman* 11-0-88
PUBLIC ENGINEERING SERVICES INCORPORATED

APPROVED: *W. W. Stokes*
ACTING DIRECTOR OF PLANNING AND ENGINEERING

CALABASAS BLDG. DIST. 01

GENERAL NOTES:

- ELEVATIONS ARE IN FEET ABOVE M.S.L. & 6.62 FEET ABOVE OF 1985.
- NO REVISIONS SHALL BE MADE WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS SHALL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON ALL PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURBS, CENTERLINE OF STREETS OR CENTERLINE OF ALL PLANS ARE SHOWN BY CHAINS ON PLANS. ALL POINTS ARE TO BE MEASURED FROM THE SAME POINT OF BEGINNING AS SHOWN ON THE PLANS.
- THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRAD, SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS IN THE STATIONING ALREADY SHOWN ON THE PLANS. HOUSE LATERALS FROM CHIMNEYS SHALL NOT BE PLACED AT RIGHT ANGLES FROM THE MAINLINE SEWER PIPE UNLESS OTHERWISE SPECIFIED BY THE PRIVATE ENGINEER.
- NO HOUSE LATERALS SHALL EXCEED THE HOUSE LATERAL DEPTH FROM THE TOP OF CURB TO THE TOP OF EACH HOUSE LATERAL ON THE 1/4" SHEET.
- BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN AN EASEMENT TO EXACRATE THE COUNTY'S STREETS FROM THE CONSTRUCTION DIVISION OF THE LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS BY MEANS OF A PERMIT TO EXACRATE THE COUNTY'S STREETS FROM THE CONSTRUCTION DIVISION OF PUBLIC WORKS, 37500 FRESHWATER AVE., ALHAMBRA, CALIF. 91803. TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- IF WORK IS TO BE DONE IN A STATE HIGHWAY RIGHT-OF-WAY OBTAINED FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, 130 SOUTH BRIDGE STREET, LOS ANGELES, CALIFORNIA.
- 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 DEPTH OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE NOTE APPLIES TO ALL PAGES.
- REFER TO SECTION 118.1 OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
- BEFORE THE BEGINNING OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN AN EASEMENT WITH THE DEPARTMENT OF PUBLIC WORKS CONCERNING A PERMIT TO EXACRATE IN-COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS. PERMIT FOR EXACRATION AND THE EASEMENT FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 37500 FRESHWATER AVE., ALHAMBRA, CALIF. 91803. IF OTHERWISE INDICATED BY THE CONTRACTOR POLICY TO BE INDICATED ON EACH DRAWING IN CANCELLATION OF PUBLIC WORKS CONTRACT.

CONSTRUCTION NOTES:

- ALL WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (118.1) WITH THE EXCEPTIONS AND DEPARTURES FROM THE STANDARD SPECIFICATIONS FOR CONSTRUCTION OF SANITARY SEWERS SET FORTH IN THIS CONTRACT.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION OF PUBLIC WORKS AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- SIZE OF TEE BRANCHES MAY BE 1/2" OR 3/4" SMALLER THAN MAINLINE SEWER EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK OR CONCRETE. 12" MINIMUM WALL THICKNESS EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES INDICATED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN UNIMPROVED AREAS TO BE 36 INCHES ABOVE FINISHED GRADE.
- STRENGTHEN CLAY PIPE JOINTS SHALL BE 1/2" OR 3/4" PER STANDARD SPECIFICATIONS SECTION 208.4.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE POLE SHALL BE ENCASED PER 208.4 CASE 2. PROVIDE 2" MINIMUM CLEARANCE FROM THE POINT OF INTERFERENCE.
- BEFORE THE BEGINNING OF CONSTRUCTION IF IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF A MAINLINE OR HOUSE LATERAL 12" C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 208.4 CASE 2 UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS IN TRENCHES SHALL BE MADE WITH RUBBER GASKETS. JOINTS SHALL BE MADE WITH RUBBER GASKETS. JOINTS SHALL BE MADE WITH RUBBER GASKETS. JOINTS SHALL BE MADE WITH RUBBER GASKETS.
- SEWERS TO BE TESTED FOR LEAKAGE PER 208.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- REQUIRE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FOR FULL COMPLIANCE WITH SECTION 208.4 OF THE STANDARD SPECIFICATIONS, A QUALIFIED PERSON MUST TEST THE LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE BEGINNING OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN BASEMENT CONSTRUCTION IS BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR UNDISTURBED GRADE AND LIES SHOWN ON THE GRADE PLAN APPROVED FOR THE PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER BACKFILL AND EARTH IN PLACED SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER AASHTO METHOD OF TESTS. THE BACKFILL SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION OF PUBLIC WORKS FOR INSPECTION.

DOUBLE SCALE

CONSTRUCTION NOTES CONT.

CONTRACT BILL THROUGHOUT THIS PROJECT AT LEAST 2 HOURS BEFORE STARTING ANY WORK ON 36" C.P. TRUNK SEWER.

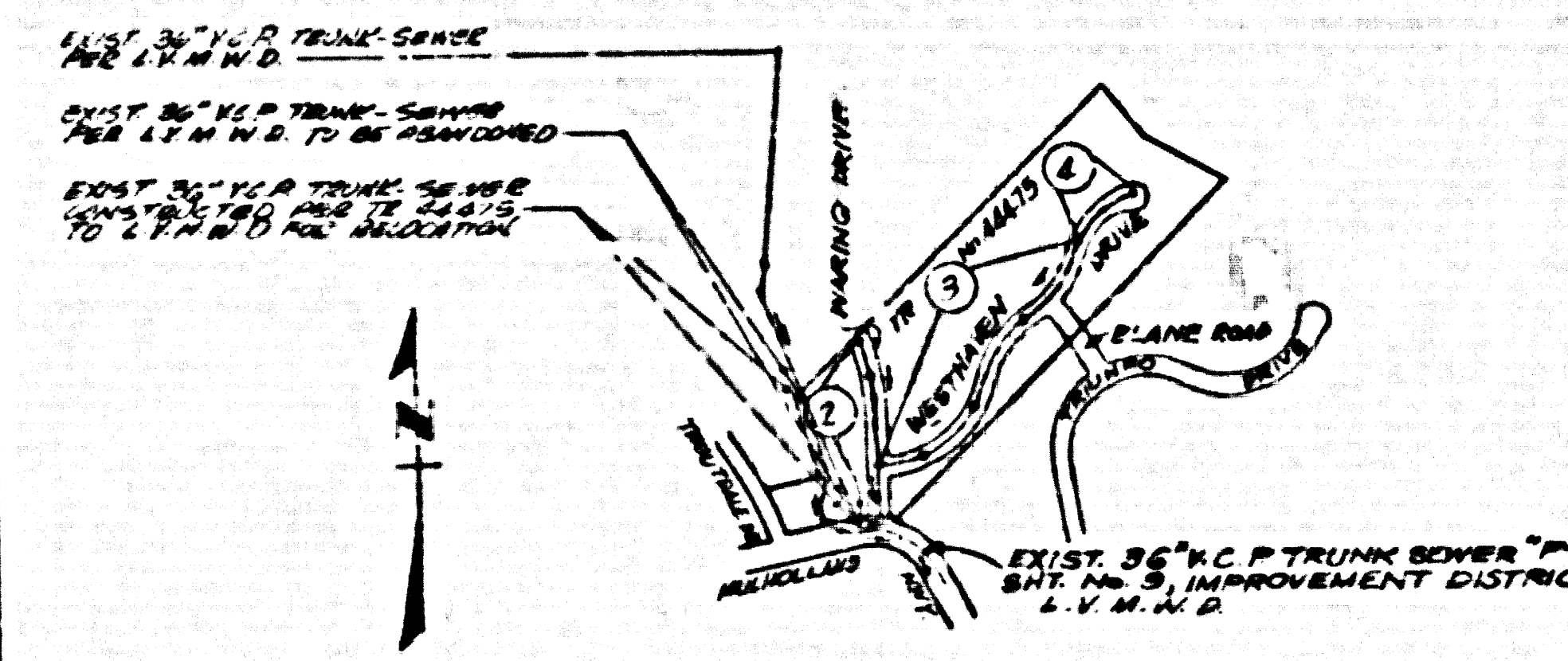
PRIVATE ENGINEERS NOTICE TO CONTRACTORS

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES, CONDUITS 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 SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL APPLY CO-THROUGHOUT AND NOT LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT, INCLUDING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

George J. Francklin
REGISTERED PROFESSIONAL ENGINEER RE #10939

B.M.CY 7523 ELEV. 1147.617
RD. BM. TAG 5 CB 2 FT. E/C BCR 60 FT.
E'LY MULHOLLAND HWY 20 FT.
S'LY DAGUERRE AVE.
MALIBU QUAD. 1982

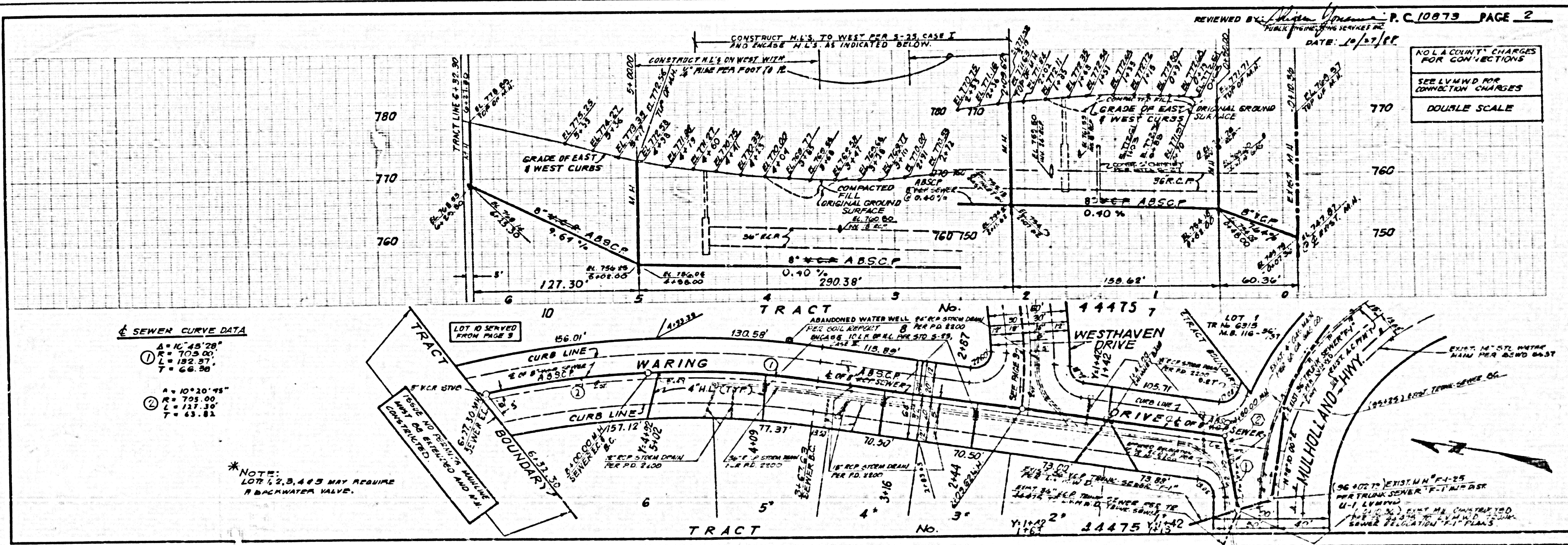


INDEX MAP

TRACT NO. 44475
P.C. 10873
SCALE: 1" = 600'
T.G. 106-E2

NOTE:
NUMBERS IN CIRCLES
INDICATE PAGE NUMBERS

REVISION NO. 2	DATE: 9-7-82	REVISION NO. 1	DATE: 1-10-83
CHANGED SEWER GRADES (FROM STA. 0+148.00 TO STA. 0+107.30) AND REVISED M.L. FOR LOT 6.		REDUCED 8" V.C.P. SEWER AT MULHOLLAND HWY. REDUCED APR. 24" E.C.R.D. PER PD. 1800, AND LOCATE EXIST. 36" V.C.P. TRUNK SEWER.	
<i>James G. Baker</i>	DATE: 3/1/83	<i>Sam G. Baker</i>	DATE: 1-10-83
APPROVED BY:		APPROVED BY:	



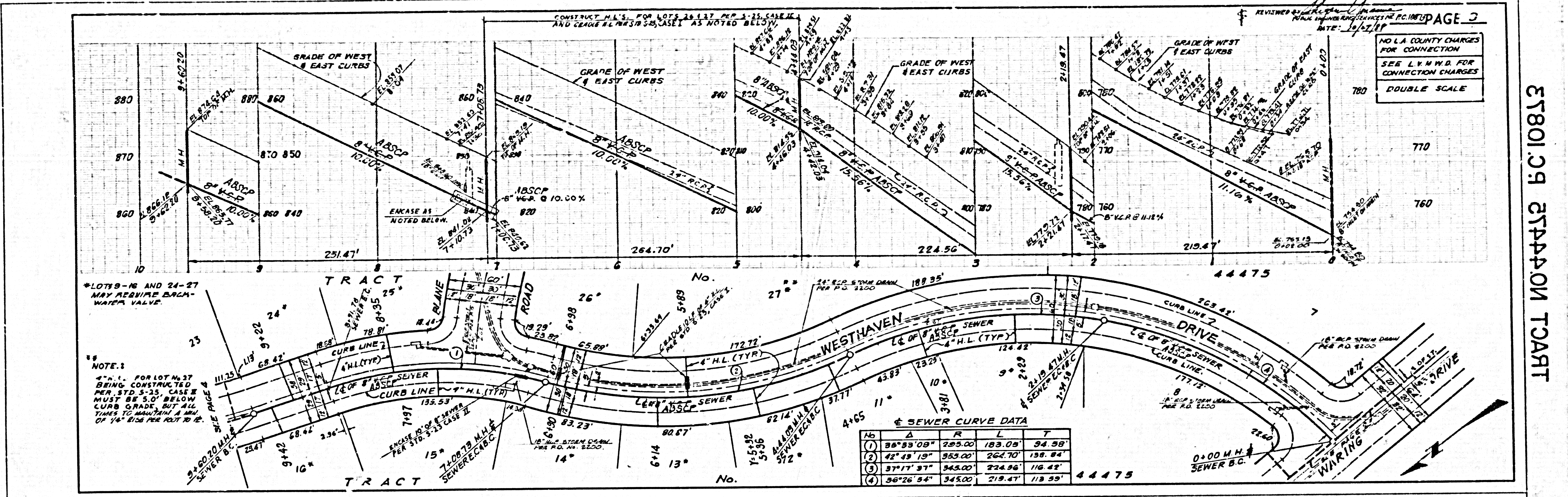
SEWER CURVE DATA

①	A = 10° 45' 28"
	R = 703.00'
	L = 132.37'
	T = 66.36'
②	A = 10° 20' 45"
	R = 703.00'
	L = 132.37'
	T = 66.36'

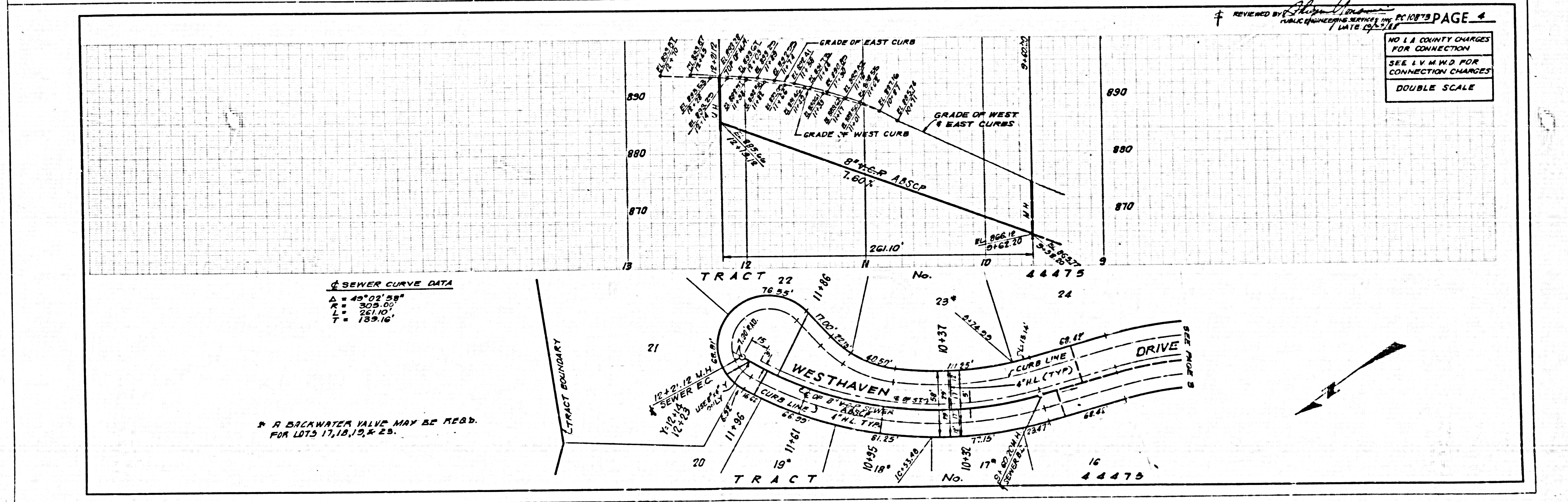
*NOTE:
LOT 2, 3, 4, 5 MAY REQUIRE
A BACKWATER VALVE.

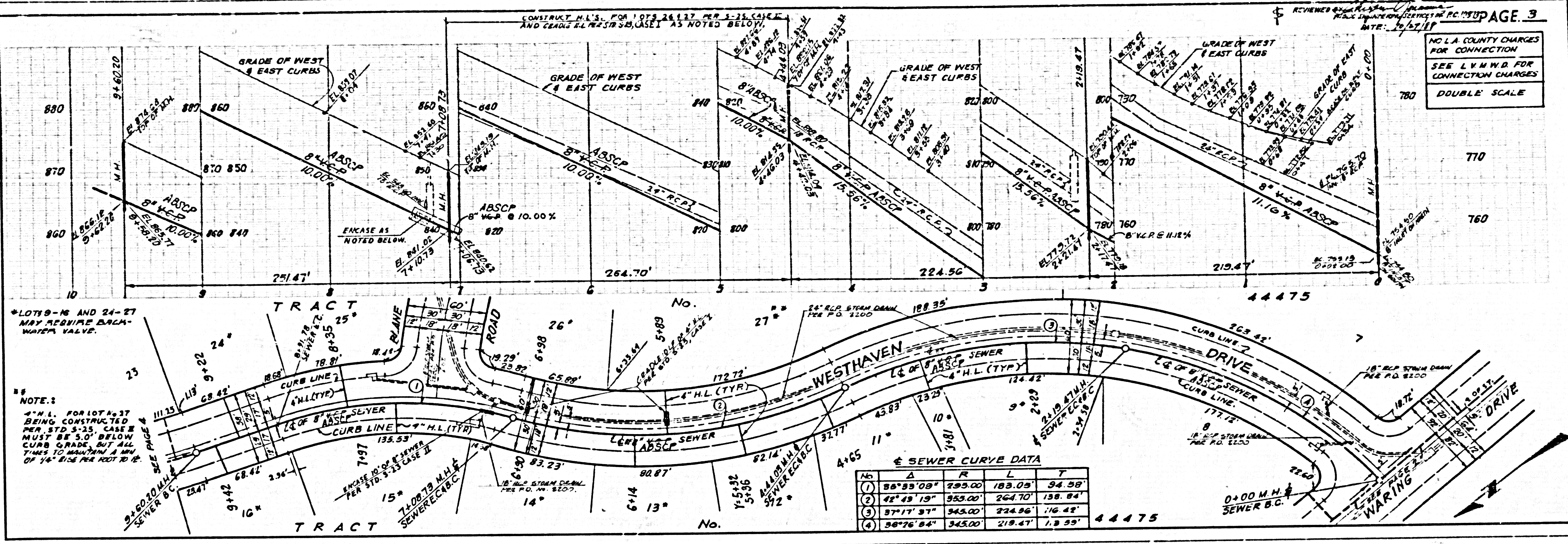
NO L.A. COUNTY CHARGES FOR CONNECTIONS
SEE L.V.M.D. FOR CONNECTION CHARGES
DOUBLE SCALE

REVIEWED BY: *Thomas Tidemanson* P.C. 10873 PAGE 2
DATE: 10/27/88



ET801.09 ETAPPAN TRACT





ET801.09 27444011 TRACT

