

B.M. L.A.C.R.D. ELEV. 1281.068
 CL 4233
 RD. B.M. 746 IN N.C.B. McBEAN PKWY
 42' N & 136' FT. W/O INT. SINGING HILLS RD. TO S.
 NEWHALL QUAD. 19 83

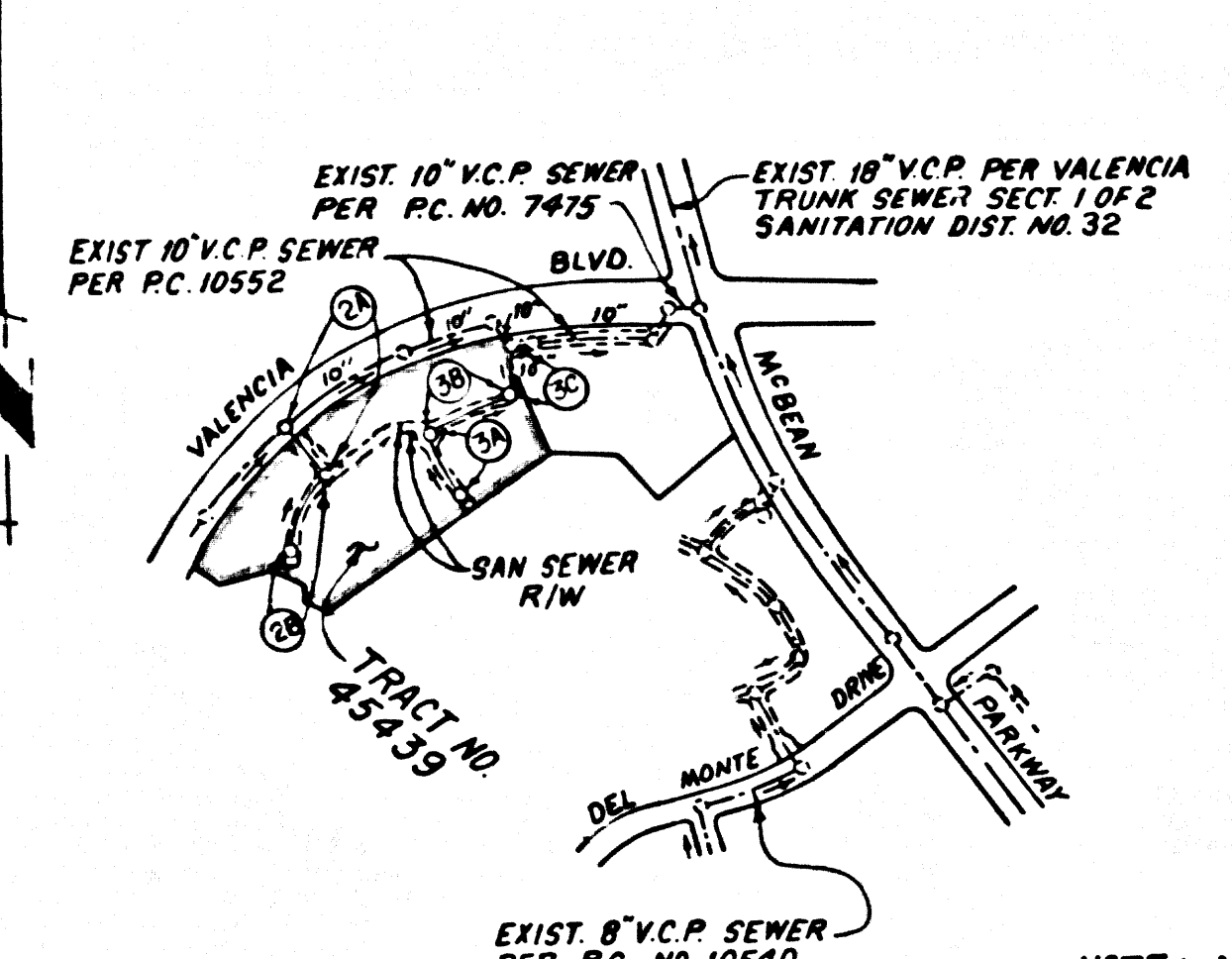
DOUBLE SCALE

REVISION NO 1 DATE: 9-7-88
 PAGE 2A: ADD 6" V.C.P. SEWER FROM STA. 1430, 1437, 2417 AND 2420
 PAGE 2B: VOIDED 8" V.C.P. SEWER FROM STA. 0+00 TO STA. 0+99.25 AND H.H. AT STA. 0+99.25 FROM PLAN AND PROFILE ADDED 6" V.C.P. AT STA. 0+60, 1457 AND 1464. DELETED 11" FROM STA. 0+62 AND 1467. ADDED 8" V.C.P. AT STA. 1478.62.
 PAGE 3A: ADDED 8" V.C.P. AT STA. 1446, 1459, 2416, 2420. ADDED 8" V.C.P. AT STA. 1449, 2423 AND 2426. DELETED 8" V.C.P. FROM STA. 2456 AND 2458.
 PAGE 3B: DELETED 6" V.C.P. FROM STA. 1458.
 APPROVED BY: *[Signature]* 32149
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS R.C.E.

- GENERAL NOTES:**
- ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
 - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
 - NO REPRESENTATIVE OF THE DEPARTMENT OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
 - 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, CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN GRADED POINTS THE GRADE SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID GRADED POINTS.
 - THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND 12" OR 18" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT 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 PLANS. 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 THE PRIVATE ENGINEER.
 - THE PRIVATE ENGINEER SHALL SUBMIT THE HOUSE LATERAL DEPTH AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
 - BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTIES FROM THE L.A. COUNTY ENGINEER, DIV. OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS, PERMIT OFFICE NO. _____ AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 2250 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90008, TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
 - 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, 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 EXISTENCE OR NON-EXISTENCE OF ANY UNDERGROUND UTILITY PIPE, OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
 - REFER TO SECTION 110.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
 - PRIOR TO THE ISSUANCE OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE COUNTY STREETS FROM THE COUNTY ENGINEER, DIV. OF THE DEPARTMENT OF PUBLIC WORKS, A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, A DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2250 ALCAZAR ST., LOS ANGELES, CALIFORNIA 90008. WORKERS COMPENSATION INSURANCE AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

PROFILE, ALIGNMENT AND GRADE OF
SANITARY SEWERS
 TO BE CONSTRUCTED IN

TRACT NO. 45439
PRIVATE CONTRACT NO. 10743
 INDEX A-64
 2 SHEETS; 3 PAGES (52490)
 SCALE: VERT. 1" = 8'
 HORIZ. 1" = 40'
 AUGUST, 1987
 PREPARED IN THE OFFICES OF SIKAND ENGINEERING ASSOCIATES
 15230 BURBANK BOULEVARD
 VAN NUYS, CALIF. 91411
 (818) 781-8550
 BY: *[Signature]*
 REG. C.E. NO. 16313



INDEX MAP
 SCALE: 1" = 600'
 P.C. NO. 10743
 TRACT NO. 45439

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNTIL A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE (818) 562-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

ISSUE NO PERMITS UNTIL OUTLET SEWER BY THE COUNTY OF LOS ANGELES

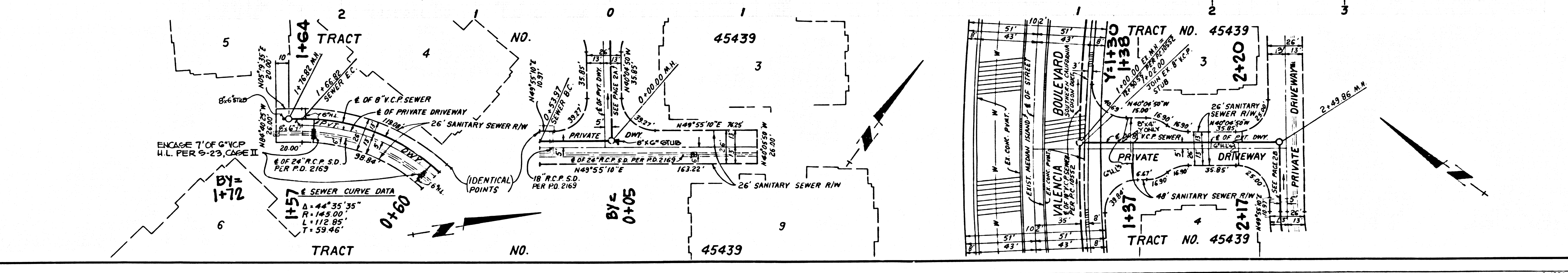
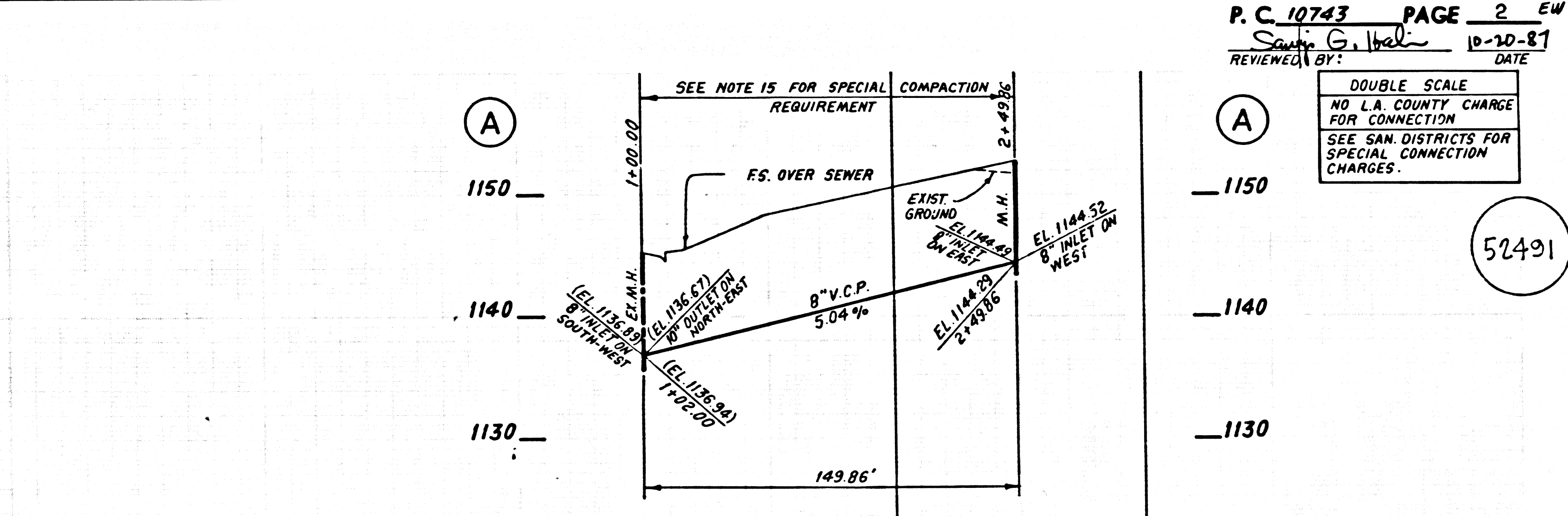
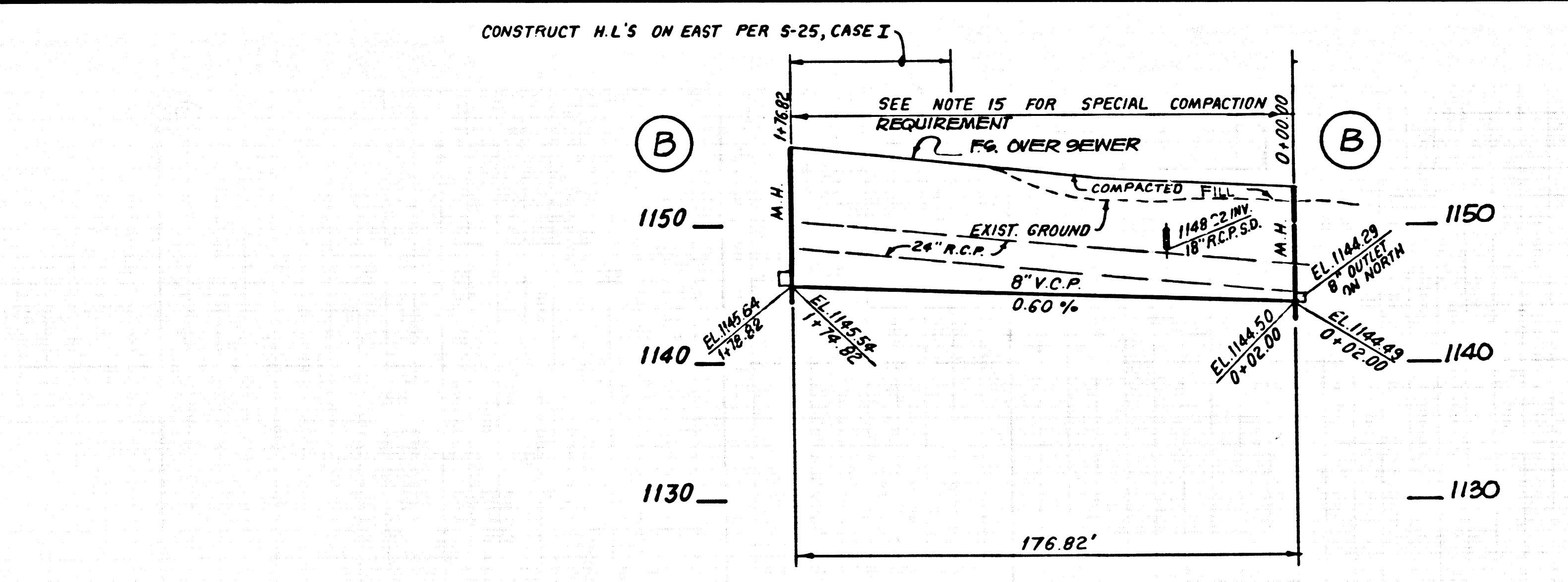
CONSTRUCTION NOTES:

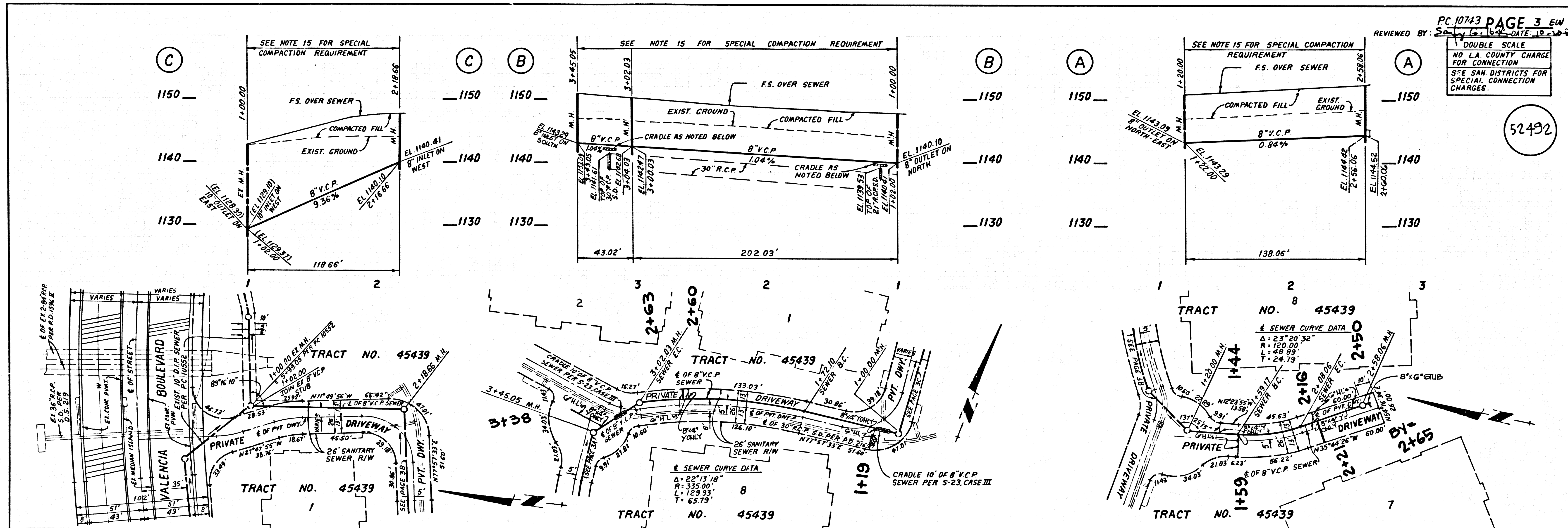
- WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1985 EDITION WITH SUPPLEMENTS) AND COUNTY ENGINEER SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEP. 21, 1978 AND SHALL BE PROSECUTED ONLY IN THE PRESENCE OF THE COUNTY ENGINEER.
- THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE, 226-8281, 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.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
- ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER S-38, PRECAST CONCRETE MANHOLES PER S-36, EXCEPT AS NOTED.
- PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE CENTER LINE OF EACH MANHOLE.
- MANHOLE TOPS IN IMPROVED RIGHTS-OF-WAY TO BE LEVEL WITH FINISHED GRADE.
- STITCHED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "D" PER STANDARD SPECIFICATIONS SECTION 208-2.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER S-23 CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- BEFORE THE COURSE OF CONSTRUCTION IS DETERMINED THAT THERE IS LESS THAN FOUR FEET COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL V.C.P. SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-23 CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
- ALL JOINTS BETWEEN CAST IRON PIPE AND STITCHED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "C" OR "D" WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 208-2.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 308-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- FULL COMPLIANCE WITH SECTION 305-1.4 OF THE STANDARD SPEC. WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENTS BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- SPECIAL BACKFILL IN EASEMENT CONSTRUCTION IN BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADING PLAN APPROVED BY THE LAND DEVELOPMENT DIVISION. ALL BACKFILL AND EARTH REPLACES SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DENSITY PER S-14.1.3.10 METHOD OF TEST DMS-27 AS MODIFIED. ACCEPTABLE CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS, DEPT.

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

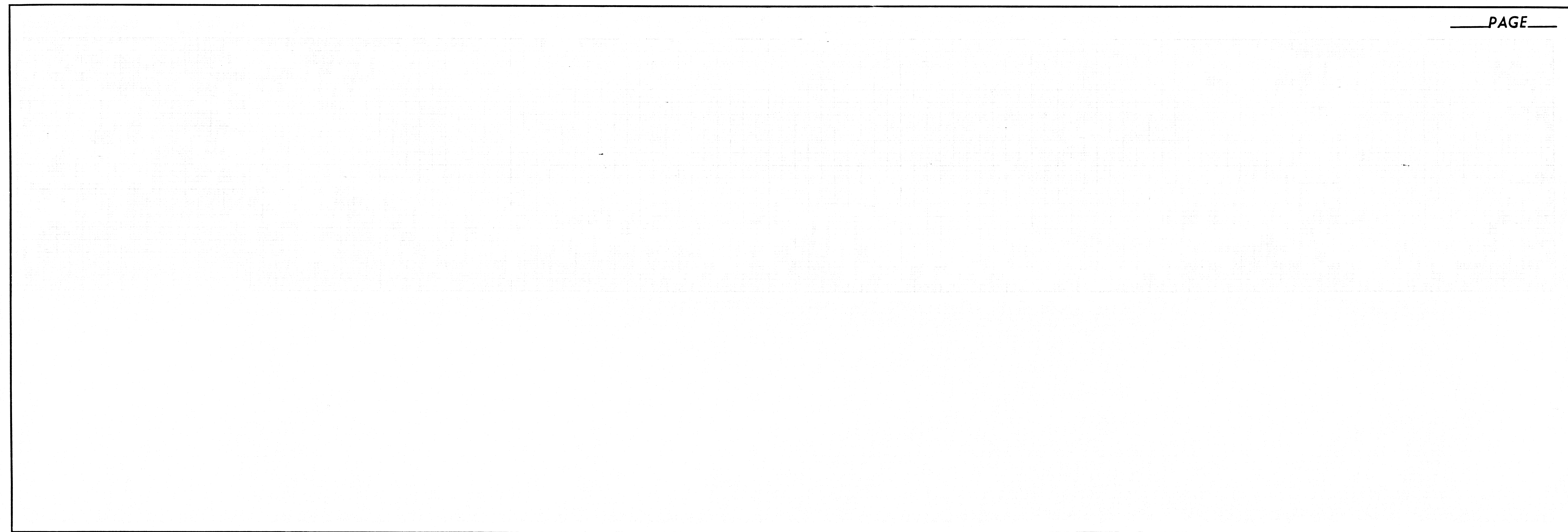
LEGEND	
MINIMUM PUBLIC SAFETY REQUIREMENTS	S-1
BRICK MANHOLE	S-2
STANDARD MANHOLE STEP	S-17
BEDDING FOR SEWER PIPE	S-21
CRADLING AND ENCASEMENT	S-23
WYE OR TEE SUPPORT	S-28
ALLOWABLE TRENCH WIDTHS	S-33
LOCKING MANHOLE FRAME AND COVER	S-35
NON-REINFORCED PRECAST CONCRETE MANHOLE	S-38

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS
 CHARLES W. CARRY, CHIEF ENGINEER
 CO. SAN. DIST. NO. 32
 APPROVED *[Signature]* 10/20/87 DATE
 APPROVED *[Signature]* 10/20/87 DATE
 CHECKED *[Signature]* 10/21/87 DATE
 REG. C.E. NO. 16841
 SANTA CLARITA VALLEY BLDG. DIST. 8-2





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 EPT01 09
 0322D ON TRACT



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