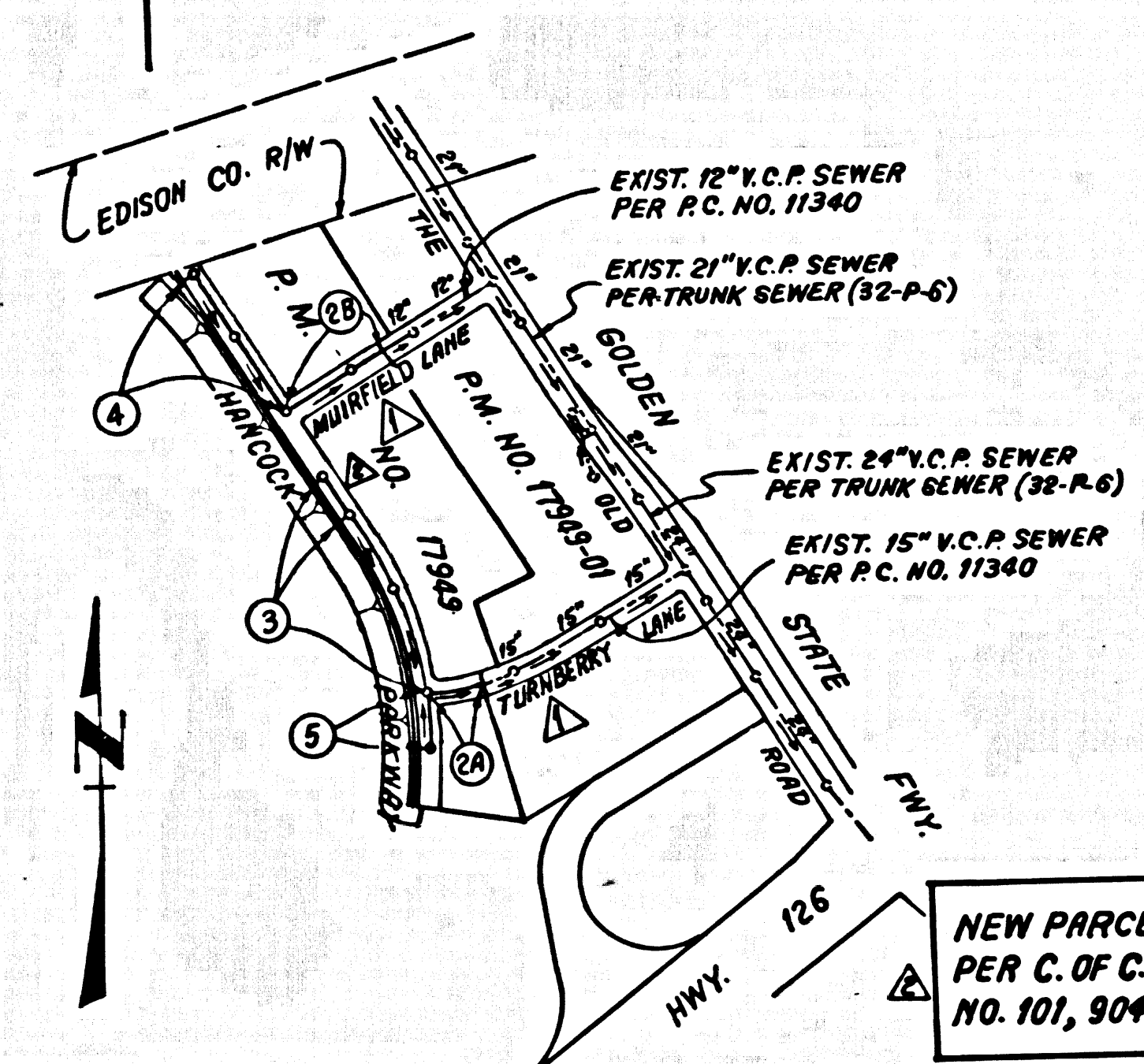


B.M. CL 3973 ELEV. 1019.649
 L.A.C.S. 5M HIGH IN CTR CONC. HDWL 22 FT WLY C/L
 THE OLD ROAD & OS WY CONSTR. JUNCTION MKD
 (6M 208-80 1968 RE 5865)
 NEWHALL QUAD. 19 93



NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.

INDEX MAP
 SCALE: 1" = 600'
 P.C. NO. 11362
 P.M. NO. 17949
 THOMAS GUIDE PG. 4459 J-6

REVISION NO. 2
 PAGE 1: REVISED KEY MAP, ADDED LOT LINE ADJUST. NOTE.
 PAGE 2B: ADDED 6" H.L. @ STR. 8+12 & STR. 8+37. REVISED LOT LINES & LOT NUMBERS.
 PAGE 3: EXTENDED 8" V.C.P. MAIN LINE FROM STR. 7+30 TO 8+42.50. REV. LOT LINES AND LOT NUMBERS.
 PAGE 4: REVISED LOT LINES AND LOT NUMBERS.
 DATE: 5/23/01

NEW PARCELS ARE RECORDED PER C. OF C. (LOT LINE ADJUST. NO. 101, 904, 905, 906 AND 907).

REVISION NO. 1
 PAGES 1-5 REVISED STREET NAMES FROM THORNTON LANE TO TURNBERRY LN. FROM MIDDLETON LN. TO MUIRFIELD LN.
 APPROVED BY: *Sandra Gallegos* 2/19/99
 OFFICE OF THE DIRECTOR OF PUBLIC WORKS

SEE NPDES NOTES ON PAGE 5

ISSUE NO HOUSE LATERAL PERMIT CONNECTION UNTIL OUTLET P.C. 11360 IS APPROVED BY L.A. COUNTY FOR PUBLIC USE.

DOUBLE SCALE

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS
 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 SHOWN ON THIS MAP. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THIS DRAWING. PRIOR TO EXCAVATION THE CONTRACTOR SHALL CALL TOLL FREE 800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. CUMMINGS OF GENERAL TELEPHONE COMPANY AT 805-422-4133 TO VERIFY THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

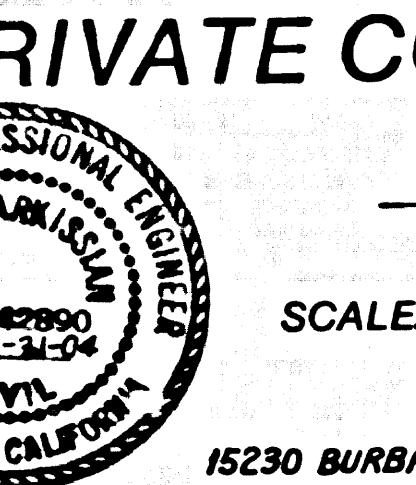
NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE DRAWINGS UNLESS A PERMIT FOR INDUSTRIAL WASTEWATER DISCHARGE HAS BEEN ISSUED BY THE SANITATION DISTRICTS FOR SAID CONNECTION.

BEFORE BREAKING INTO OR CONSTRUCTION ON A COUNTY SANITATION DISTRICT SEWER AND PRIOR TO FINAL ACCEPTANCE OF THE PROJECT, A SANITATION DISTRICT INSPECTOR SHALL BE NOTIFIED BY PHONE AT (805) 256-4883 SO THAT REQUIRED INSPECTIONS CAN BE MADE.

- 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 OR CENTER LINE OF ALLEYS ARE SHOWN BY SPICED ELEVATION 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.
 - THE PRIVATE ENGINEER SHALL FURNISH THE DEPARTMENT OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" 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 FURNISH 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 COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE LOS ANGELES DEPARTMENT OF PUBLIC WORKS. PERMIT OFFICE NO. 8 AND PAY \$100 TO THE DIRECTOR OF PUBLIC WORKS, 900 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR, 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 716.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
 - IF WORK IS TO BE DONE IN A COUNTY STREET, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPARTMENT OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIVISION OF THE DEPARTMENT OF PUBLIC WORKS. A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A PUBLIC WORKS PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA, DIVISION OF INDUSTRIAL SAFETY AND A CERTIFICATE OF HOMEOWNERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 900 S. FREEMONT AVE., ALHAMBRA, CALIFORNIA 91803 - 8TH FLOOR, NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 30 DAYS PRIOR TO CANCELLATION OF POLICY.

- CONSTRUCTION NOTES:
- WORK SHALL BE CONSTRUCTED TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION) AND DEPARTMENT OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWERS DATED SEPTEMBER 21, 1978 AND SHALL BE PROTECTED ONE (1) IN THE PRESENCE OF PUBLIC WORKS.
 - THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION BY TELEPHONE (818) 488-1121, AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
 - HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
 - TYPE OR THE BRANCHED MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
 - ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER 9-26, EXCEPT AS NOTED.
 - PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES PRODUCED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
 - MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
 - INTERFACED CLAY PIPE JOINTS SHALL BE TYPE "ON" OR "OFF" PER STANDARD SPECIFICATIONS SECTION 209.3.
 - IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER 9-25, CASE II. TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
 - 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 V.C.P. SEWER WHICH IS 12" H.C.P. OR 15" H.C.P. THE PIPE SHALL BE ENCASED PER 9-25, CASE II UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
 - ALL JOINTS BETWEEN CAST IRON PIPE AND INTERFACED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "C" OR "D", WITH BUSHING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 209.6.
 - SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 209.14 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.
 - FULL COMPLIANCE WITH SECTION 209.1.3 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND DENSITY 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 EXISTING CONCRETE TRENCHES SHALL BE COMPACTED TO THE GRADE PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION OF PUBLIC WORKS. ALL BACKFILL AND SAND REPLACEMENT SHALL BE COMPACTED TO MINIMUM DENSITY PER A.S.T.M. METHOD OF TEST D697 BY AN APPROVED TESTING LABORATORY. CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPARTMENT.

PARCEL MAP NO. 17949
 PRIVATE CONTRACT NO. 11362
 INDEX 1216
 3 SHEETS; 5 PAGES



SCALE: VERT. 1" = 4'
 HORIZ. 1" = 40'
 OCTOBER, 1997

PREPARED IN THE OFFICES OF
 SAKHAI ENGINEERING ASSOCIATES
 15230 BURBANK BLVD., VAN NUYS, CA. 91411, TEL. (818) 707-8550
 BY: *Sanjay G. Bal*
 REG. C.E. NO. 42290

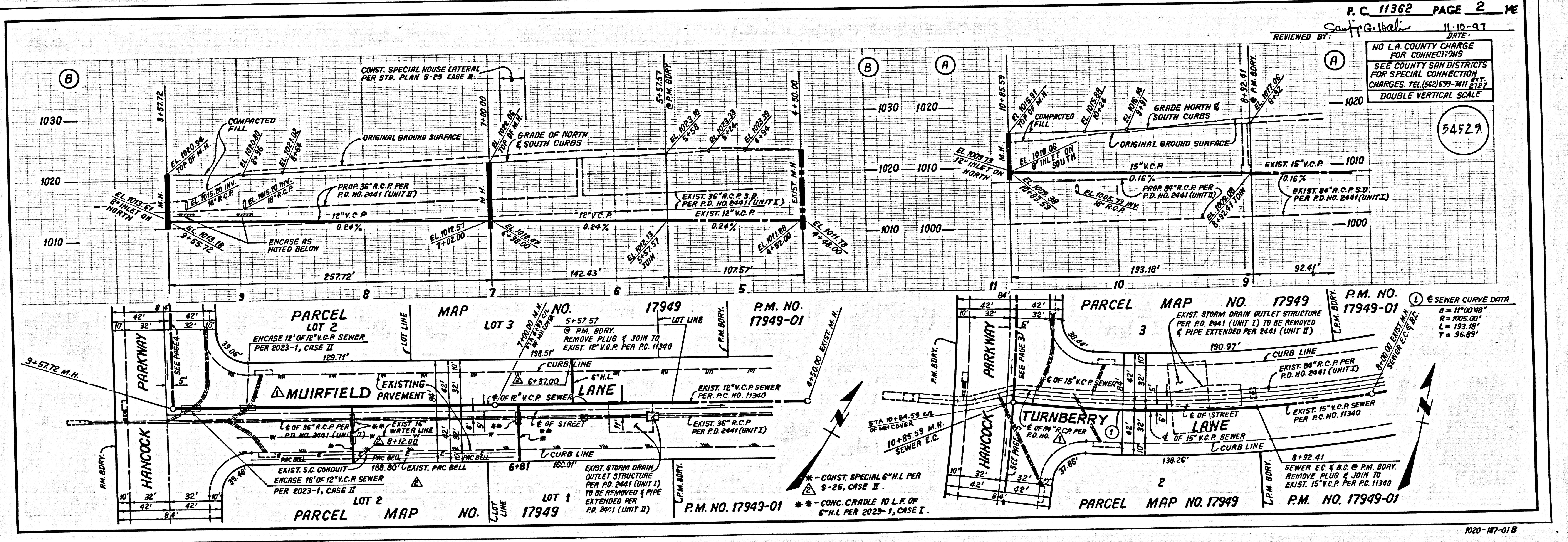
THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

MINIMUM PUBLIC SAFETY REQUIREMENTS	9-1
BRICK MANHOLE	9-2
STANDARD MANHOLE STEP	9-7
BEDDING FOR SEWER PIPE	9-21
CRACKING AND ENCASEMENT	9-23 (REV. 11)
WYE OR TEE SUPPORT	9-26
ALL ORBABLE TRENCH MOTHS	9-28
LOCKING MANHOLE FRAME AND COVER	9-28
NON-REINFORCED PRECAST CONCRETE MANHOLE	9-28
SPECIAL HOUSE LATERALS	9-25
RECTANGULAR SHALLOW MANHOLE	9-7
RECTANGULAR MANHOLE FRAME AND COVER	9-28
PRECAST CONCRETE SHALLOW MANHOLE	9-16

COUNTY OF LOS ANGELES, CALIFORNIA
 HARRY W. STONE
 DIRECTOR OF PUBLIC WORKS
 APPROVED: *Tom Howard* 11/14/97 (DATE)
 CHECKED: *John D. ...* 11/14/97 (DATE)
 REG. C.E. NO. 43661

CHARLES W. CARRY
 CHIEF ENGINEER
 CO. SAN DIST. NO. 32
 APPROVED: *Charles W. Carry* 11/15/97 (DATE)
 OFFICE ENGINEER

SAKHA CLARITA VALLEY BLDG. DIST. 8.2



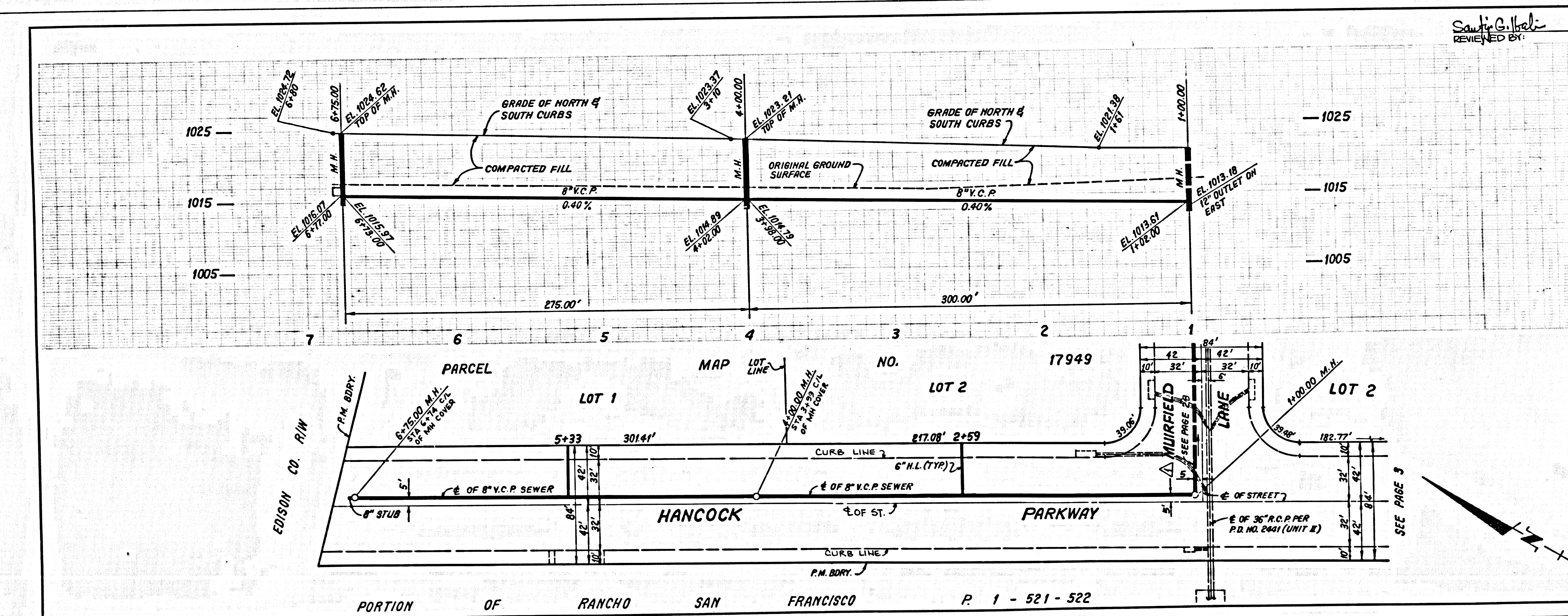
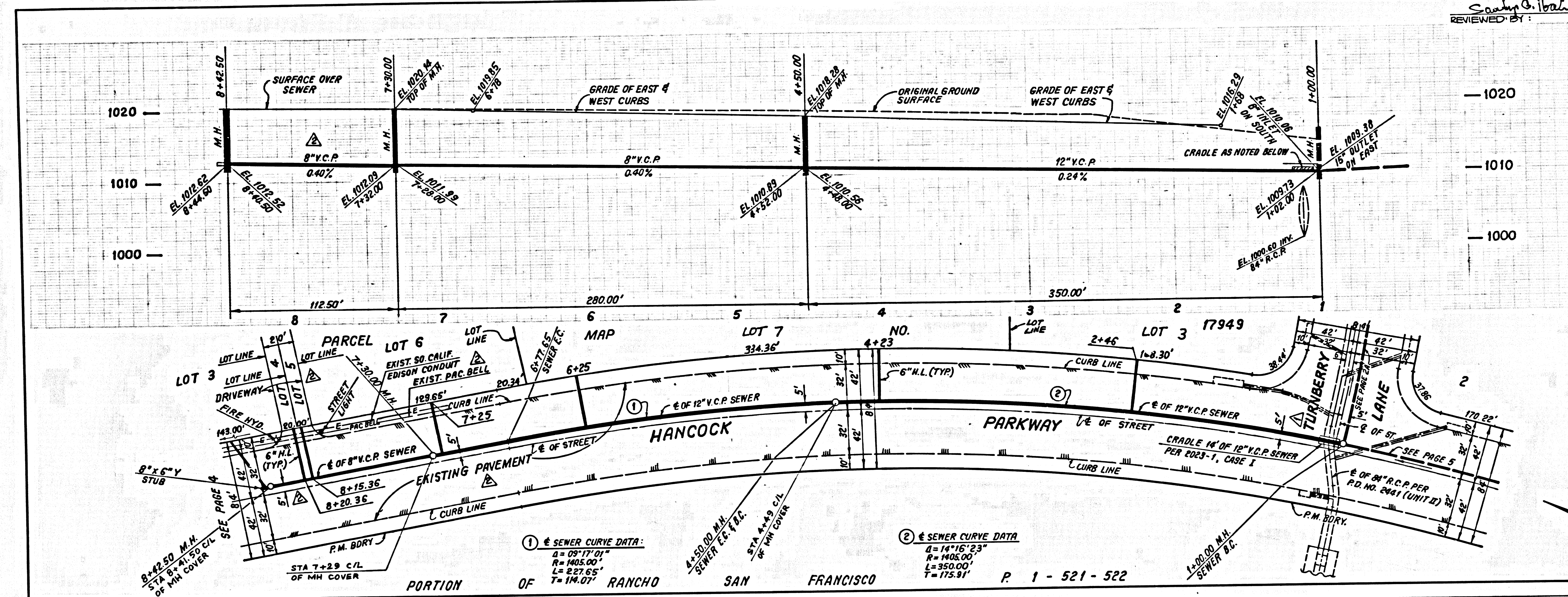
P.C. 11362 PAGE 2 ME
 REVIEWED BY: *Sanjay G. Bal* 11-18-97
 DATE: 11-18-97

NO L.A. COUNTY CHARGE FOR CONNECTIONS
 SEE COUNTY SAN DISTRICTS FOR SPECIAL CONNECTION CHARGES. TEL. (805) 256-4883
 DOUBLE VERTICAL SCALE

5452A

SEWER CURVE DATA
 R = 11'00.00'
 L = 193.10'
 T = 96.89'

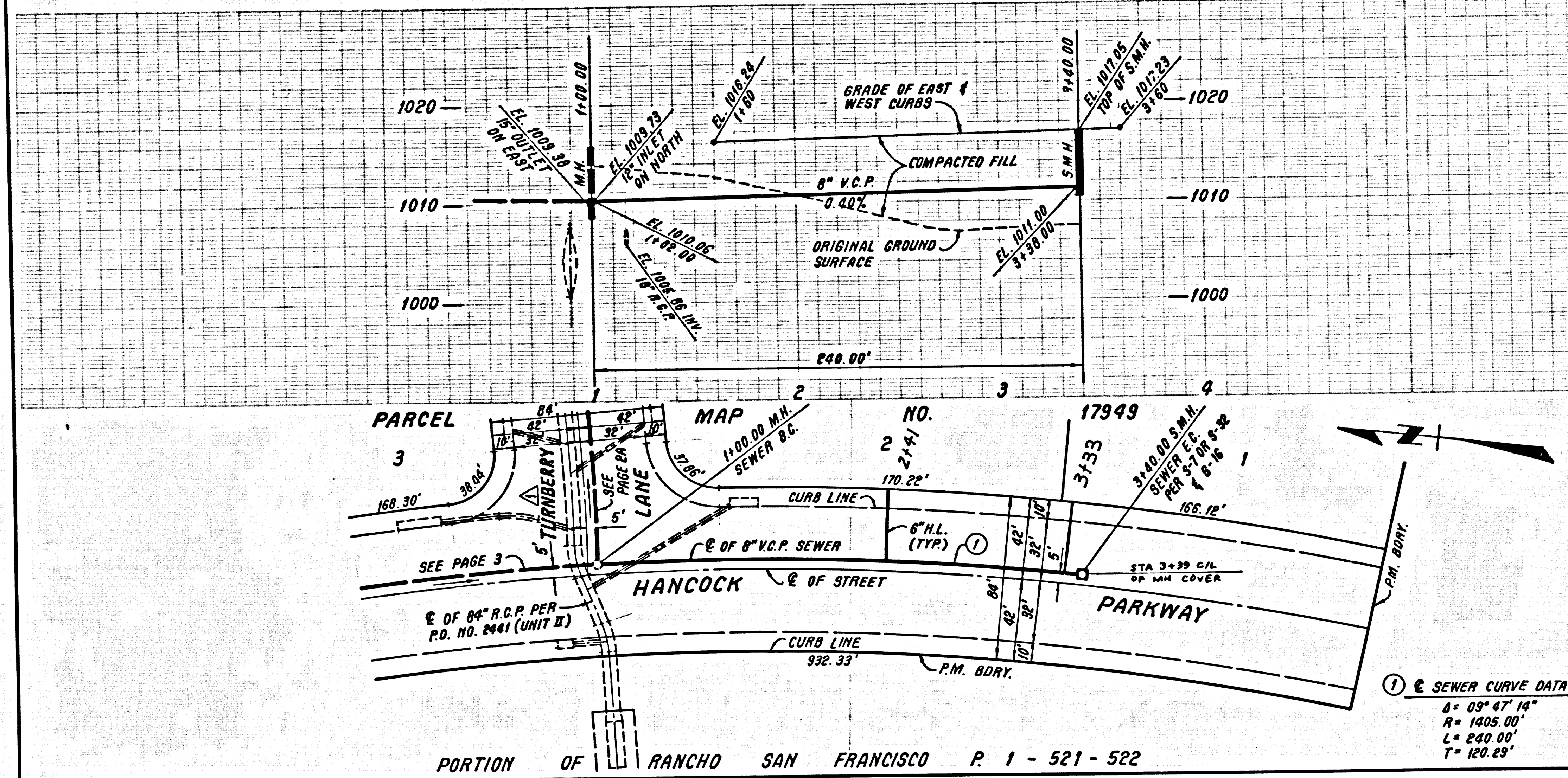
5
SACII 39
E4211 ON M9



REVIEWED BY: *Santi B. Hall* DATE: 11-10-97 P.C. 11362 PAGE 5

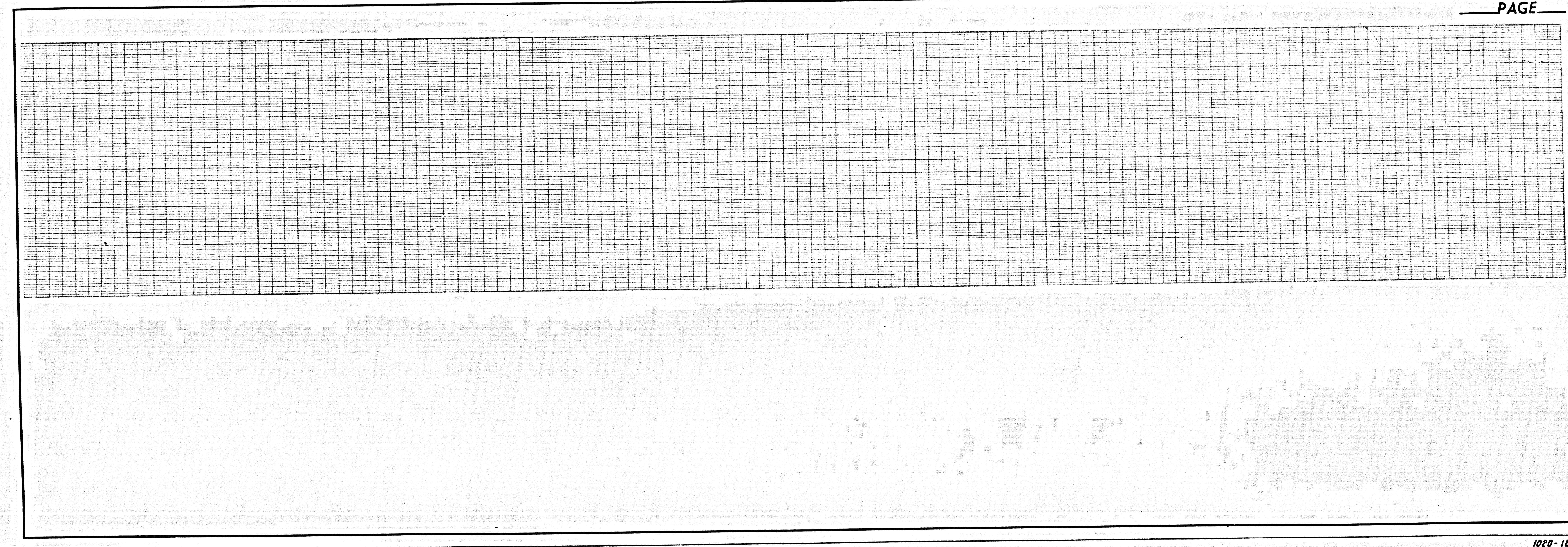
NO L.A. COUNTY CHARGE FOR CONNECTIONS
SEE COUNTY SAN DISTRICTS FOR SPECIAL CONNECTION CHARGES
TEL. (662) 639-7411 EXT. 2727
DOUBLE VERTICAL SCALE

54528



- NPDES NOTES**
- STORMWATER POLLUTION CONTROL REQUIREMENTS FOR SEWER CONSTRUCTION**
- ERODED SEDIMENTS AND OTHER POLLUTANTS MUST BE RETAINED ON SITE AND MAY NOT BE TRANSPORTED FROM THE SITE VIA SHEETFLOW, SWALES, AREA DRAINAGE, NATURAL DRAINAGE COURSES OR WIND.
 - STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCE OF WIND OR WATER.
 - FUELS, OILS, SOLVENTS AND OTHER TOXIC MATERIALS MUST BE STORED IN ACCORDANCE WITH THEIR LISTINGS AND ARE NOT TO CONTAMINATE THE SOIL AND SURFACE WATERS. ALL APPROVED STORAGE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY NOT BE WASHED INTO THE DRAINAGE SYSTEM.
 - EXCESS OR WASTE CONCRETE MAY NOT BE WASHED INTO THE PUBLIC WAY OR ANY OTHER DRAINAGE SYSTEM. PROVISIONS SHALL BE MADE TO RETAIN CONCRETE WASTES ON SITE UNTIL THEY CAN BE DISPOSED OF AS SOLID WASTE.
 - TRASH AND CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPTACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSED BY WIND.
 - SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO AS TO INHIBIT SEDIMENTS FROM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.
 - ANY SLOPES WITH DISTURBED SOILS OR DENuded OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.
- THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE BEST MANAGEMENT PRACTICE HANDBOOK, CALIFORNIA STORMWATER QUALITY TASK FORCE, SACRAMENTO, CALIFORNIA 1993, OR THE LATEST REVISED EDITION, MAY APPLY DURING CONSTRUCTION (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY COUNTY):
- | | |
|---|--|
| CA001 - Dewatering Operations | ES020 - Geotextiles and Mats |
| CA002 - Paving Operations | ES021 - Dust Controls |
| CA003 - Structure Construction and Painting | ES022 - Temporary Stream Crossing |
| CA010 - Material Delivery and Storage | ES023 - Construction Road Stabilization |
| CA020 - Solid Waste Management | ES024 - Stabilized Construction Entrance |
| CA021 - Hazardous Waste Management | ES025 - Storm Drain Inlet Protection |
| CA023 - Concrete Waste Management | |
| CA024 - Sanitary / Septic Waste Management | |
| CA030 - Vehicle and Equipment Cleaning | |
| CA031 - Vehicle and Equipment Fueling | |
| CA032 - Vehicle and Equipment Maintenance | |
| ES001 - Scheduling | |
| ES002 - Preservation of Existing Vegetation | |
| ES010 - Seeding and Planting | |
| ES011 - Mulching | |
- ① SEWER CURVE DATA
 $\Delta = 03^{\circ} 47' 14''$
 $R = 1408.00'$
 $L = 240.00'$
 $T = 120.25'$

PAGE



54511 29 04871.0M.M.P.