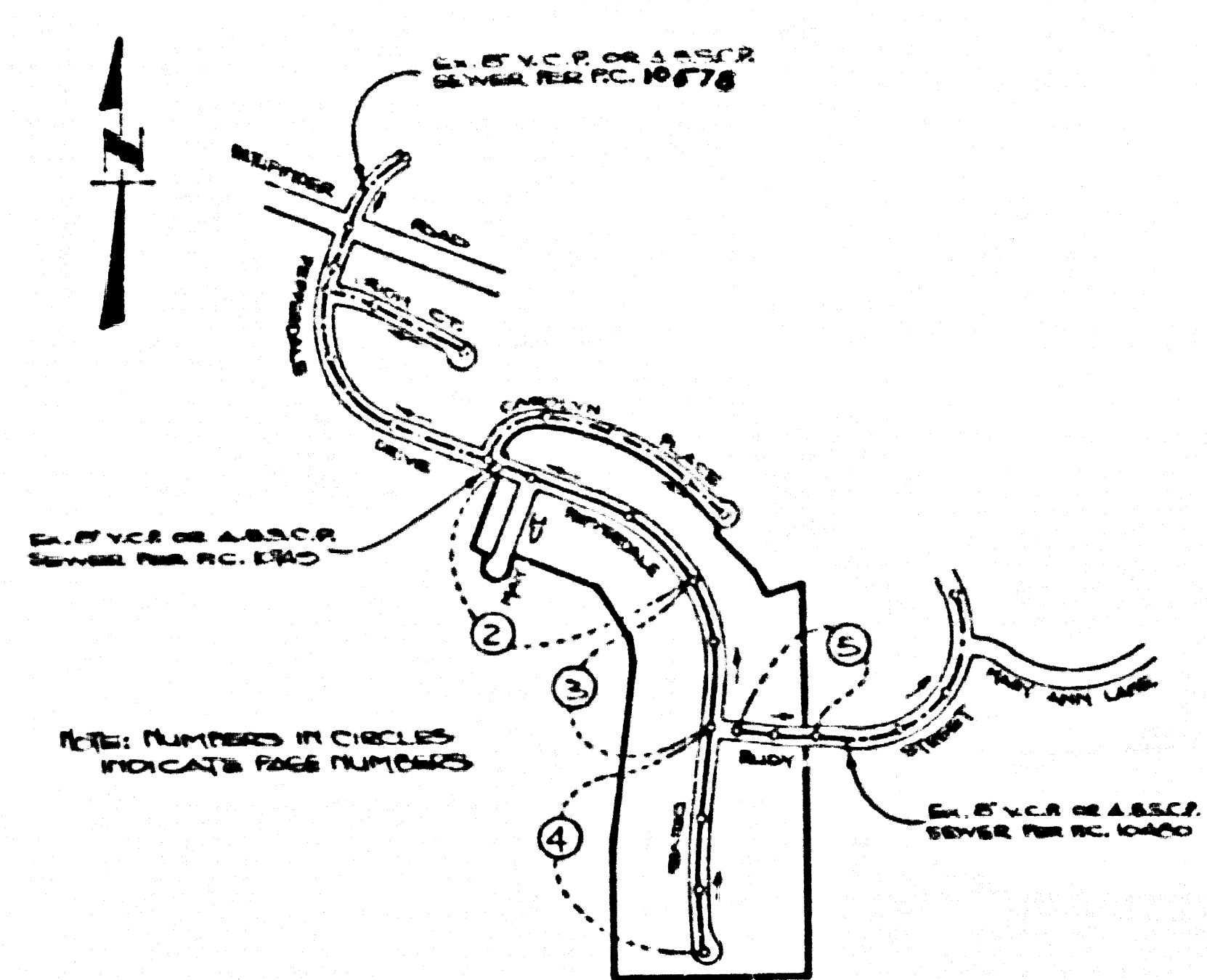


B.M. C.G. 1829 ELEV. 652.185  
 C.S. MON. AN WELL 8" ON AT CENTERLINE INT. OF  
 PATRINDER ROAD & BRECA CANYON CUT-OFF RD. Q.35  
 M.I. S.D. COL. M.A. 101-4111 FT. S.D. ESQUILME AVE. M.K.D.  
 (PI. NO. & BE. 586-9) USE NO. EDGE  
 QITTERBEIN QUAD. 19 8Q.



INDEX MAP  
 TRACT NO. 34146  
 P.C. 10750  
 SCALE: 1"=60'

**PRIVATE ENGINEER'S NOTICE TO CONTRACTORS**

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPE 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 ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT SHOWN OR ANY OTHER LINES NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING THE AFFECTED SERVICE AGENCY AT 1 P.M. 48 HOURS PRIOR TO ANY EXCAVATION OR CONSTRUCTION.

**CONSTRUCTION NOTES CONT.**

- 16. FULL COMPLIANCE WITH PART 11 OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE.
- 17. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
- 18. A.B.S. SOLID WALL PIPE MUST BE USED FOR RIVE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
- 19. A.B.S. COMPOSITE PIPE SHALL BE USED IN CONFORMANCE WITH THE TABLE IN SECTION D-1.1 OF PART 11 OF THE SPECIAL PROVISIONS.
- 20. THREE DEGREE DEFLECTION COUPLERS ARE REQUIRED FOR RADII OF CURVATURE LESS THAN 300 FEET WHEN USING A.B.S. COMPOSITE PIPE.
- 21. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A.B.S. COMPOSITE PIPE IS USED.
- 22. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BEVELING PIPE ENDS WHEN USING PLASTIC PIPE INCLUDING A.B.S. COMPOSITE PIPE.
- 23. ALL WHEN ANCHOR HOUSE LATERALS ARE TO BE LOCATED AT LEAST ONE FOOT APART AND WHEN POSSIBLE NOT CLOSER THAN ONE FOOT TO ANY MANHOLE.
- 24. A.B.S. SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MAINLINE SEWER.
- 25. ONLY RIVE BRANCHES ARE TO BE USED FOR CONNECTION TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.

APPROVAL OF THIS PLAN BY THE LAND DEVELOPMENT DIVISION IS BASED ON A REVIEW BY AN ENGINEERED CONSULTANT UNDER CONTRACT WITH THE COUNTY OF LOS ANGELES.

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) 962-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

ISSUE NO HOUSE CONNECTION PERMITS UNTIL OUTLET SEWERS P.C. 10750 & P.C. 10745 ARE ACCEPTED FOR PUBLIC USE BY L.A. COUNTY

**GENERAL NOTES:**

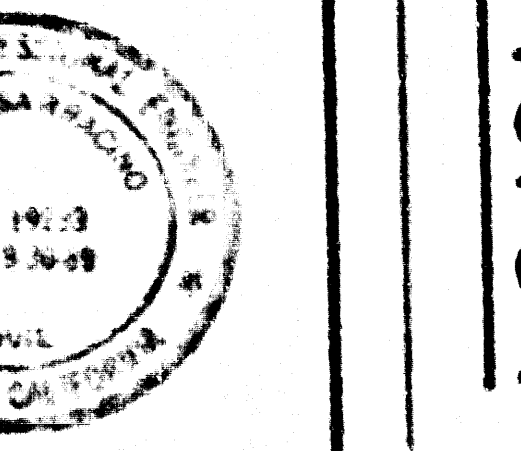
- 1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. MEAN SEA LEVEL DATUM OF 1929.
- 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- 3. NO REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS SHALL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
- 4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PLANS AND PROFILES. GRADE POINTS FOR TOP OF CURVES CENTERLINE OF STREETS OR CENTERLINE OF ALLEYS ARE SHOWN BY CHIRKS ON PROFILES. ALL POINTS BY WHICH CONFINED POINTS GRADE SHALL BE ESTABLISHED TO AN TO CONFORM TO A STRAIGHT LINE OR AS BEEN SAID DESIGNATED POINTS.
- 5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH GRADE SHEETS WITH STATIONING FOR ALL HOUSE LATERALS AND "Y" OR "T" BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS WITH STATIONING OF ANY Y BRANCHES. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES TO THE MAINLINE SEWER. THE ALIGNMENT OF ANY Y BRANCHES SHALL NOT HAVE AN ANGLE OF LESS THAN 90 DEGREES WITH THE MAIN LINE SEWER. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
- 6. 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.
- 7. BEFORE WORK CAN BE STARTED, THE CONTRACTOR MUST OBTAIN A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIV. OF THE L.A. DEPT. OF PUBLIC WORKS. PERMIT OFFICE NO. 811-1111 FREE TO THE DIV. OF PUBLIC WORKS, 2100 ALCAZAR ST., L.A., CALIF. TO COVER THE COST OF CONSTRUCTION INSPECTION AND RECORD PLANS.
- 8. IF WORK IS TO BE DONE IN A STATE HIGHWAY, A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 126 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
- 9. 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 THE PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- 10. REFER TO SECTION 7.16.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY CROSSING.
- 11. PRIOR TO THE RESUMPTION OF THE REQUIRED SEWER CONSTRUCTION PERMIT, THE CONTRACTOR SHALL OBTAIN AND FILE WITH THE DEPT. OF PUBLIC WORKS COPIES OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE CONSTRUCTION DIV. OF THE DEPT. OF PUBLIC WORKS FOR EXCAVATION AND THE NOTES FROM THE STATE OF CALIFORNIA DIVISION OF HIGHWAYS, PERMIT TO EXCAVATE IN COUNTY STREETS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2100 ALCAZAR ST., LOS ANGELES, CALIF. AND A CERTIFICATE OF WORKERS COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS, 2100 ALCAZAR ST., LOS ANGELES, CALIF. THESE DOCUMENTS SHALL BE KEPT AS THE CONTRACTOR HOLDER TO WITHSTAND 90 DAYS PRIOR TO CANCELLATION OF PERMIT.

**CONSTRUCTION NOTES:**

- 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC SEWER CONSTRUCTION, 1985 EDITION AS SUPPLEMENTED BY THE DEPT. OF PUBLIC WORKS.
- 2. ALL STRUCTURES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR SANITARY SEWERS DATED SEP. 21, 1978 AND SHALL BE PROTECTED ONLY IN THE PRESENCE OF THE DEPT. OF PUBLIC WORKS.
- 3. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIV. PUBLIC WORKS DEPT. TEL. 813-208-8881 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- 4. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
- 5. RIVE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS EXCEPT AS NOTED.
- 6. RIVE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAINLINE SEWERS IF A.B.S.C.P. IS USED.
- 7. ALL STRUCTURES SHALL BE EITHER BRICK MANHOLES PER 8.0 OR PRECAST CONCRETE MANHOLES PER 8.2 EXCEPT AS NOTED.
- 8. PROVIDE STAKES ON THE PROPERTY LINE OR PROPERTY LINES INDICATING AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTERLINE OF EACH MANHOLE.
- 9. MANHOLE TOPS IN UNIMPROVED AREAS TO BE 88 INCHES ABOVE FINISHED GRADE.
- 10. WYTHOFF CLAY PIPE JOINTS SHALL BE TYPE "C" OR "D" PER STANDARD SPECIFICATIONS SECTION 708.4.
- 11. IF A WYTHOFF JOINT IS 18 INCHES FROM THE SEWER, THE SEWER SHALL BE ENCASED PER 8.2.5 CASE 2 TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- 12. 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 SEWER WHICH IS NOT INDICATED ON THE PLANS, THE PIPE SHALL BE ENCASED PER 8.2.5 CASE 2 UNLESS OTHERWISE APPROVED BY THE DIR. OF PUBLIC WORKS.
- 13. ALL JOINTS BETWEEN CAST IRON PIPE AND WYTHOFF CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT TYPE "C" OR "D" WITH BURRING IF NECESSARY PER STANDARD SPECIFICATIONS SECTION 708.4.
- 14. ALL JOINTS BETWEEN CAST IRON PIPE AND WYTHOFF CLAY PIPE SHALL BE MADE WITH APPROVED WYTHOFF.
- 15. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 805.1 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- 16. REPAIRS TO ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY ROAD DEPT. OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
- 17. FULL COMPLIANCE WITH SECTION 805.1.5A OF THE STD. SPEC'S SHALL BE REQUIRED FOR BACKFILL IN STREETS OR COURTS OF BACKFILL CONTRACTOR AND SAND FILLERITE BY A QUALIFIED REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- 18. SPECIAL BACKFILL IN BACKFILL CONSTRUCTION IS BACKFILL TRENCH AND REPLACE OTHER BACKFILL TO ACHIEVE THE NATURAL OR FINISHED GRADES AND SLOPES SHOWN ON THE GRADES. PLAN APPROVED FOR THE DEVELOPMENT OF THE BUILDING AND SANITARY DIVISION OF ALL BACKFILL AND SAND FILLERITE SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY PER A.S.T.M. METHOD OF TEST D99-57 AS MODIFIED. ACCEPTABLE CERTIFICATE OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIV. OF PUBLIC WORKS OFFICE.

**DOUBLE SCALE**

52718



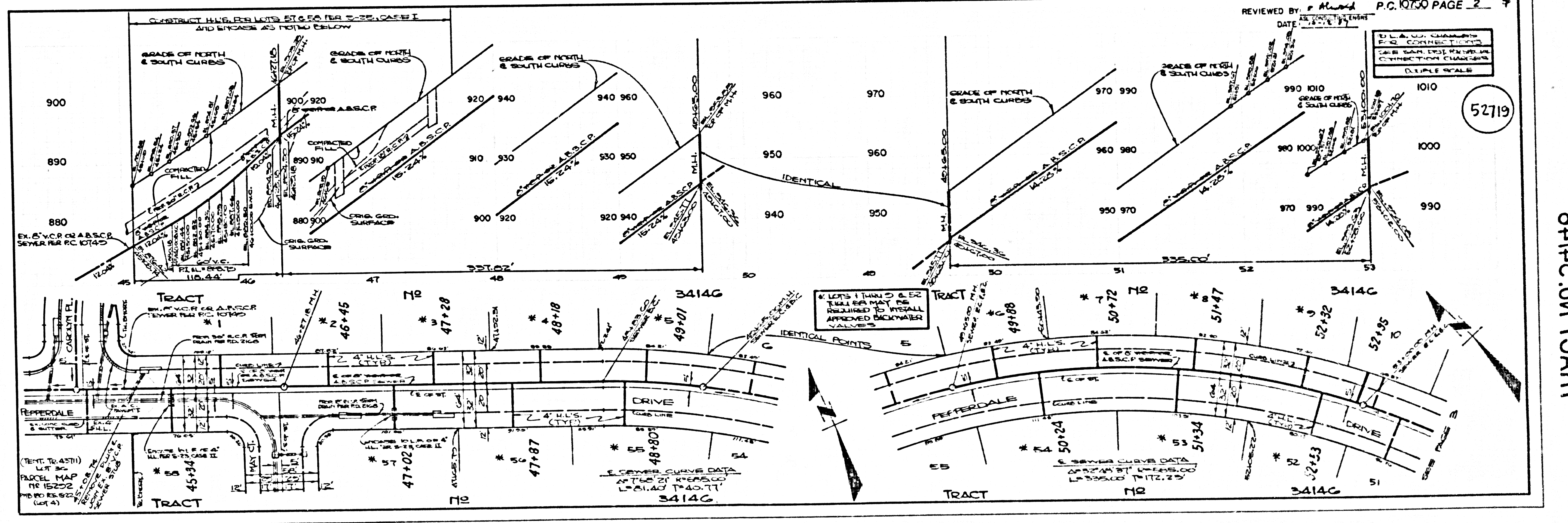
THE FOLLOWING LATEST REVISED STANDARD PLANS OR FILES IN THE OFFICE OF THE DEPARTMENT OF PUBLIC WORKS SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

LEGEND	
MINIMUM PUBLIC SAFETY REQUIREMENTS	8-1
BRICK MANHOLE	8-2
STANDARD MANHOLE STOP	8-7
BURRING FOR BRICK PIPE	8-11
CALCULUS AND ENCASINGMENT	8-12
WYE OR TEE SUPPORT	8-13
ALLOWABLE TRENCH WIDTHS	8-14
LOCATING MANHOLE FRONT AND COVER	8-15
NON-REINFORCED PRECAST CONCRETE MANHOLE	8-16
SPECIAL HOUSE LATERALS	8-25

**COUNTY OF LOS ANGELES, CALIFORNIA**

THOMAS A. TIDEMANSON, DIRECTOR  
 DEPARTMENT OF PUBLIC WORKS  
 APPROVED: Dean E. Spillman 10/17/87  
 REVIEWED: [Signature] 10-12-87  
 ALL CONSULTING ENGINEERS 10416  
 REG. C.E. NO. 23712  
 L.A. PUENTE BLDG. DIST. 2

CHARLES W. CARRY, CHIEF ENGINEER  
 CO. SAN. DIST. NO. 21  
 APPROVED: [Signature] 10/17/87  
 DATE: 11/10/87



52719

BY: L.A. COUNTY ENGINEER  
 C.E. COMM. EXPIRES 12/31/92  
 (SCALE: 1"=60')  
 DOUBLE SCALE

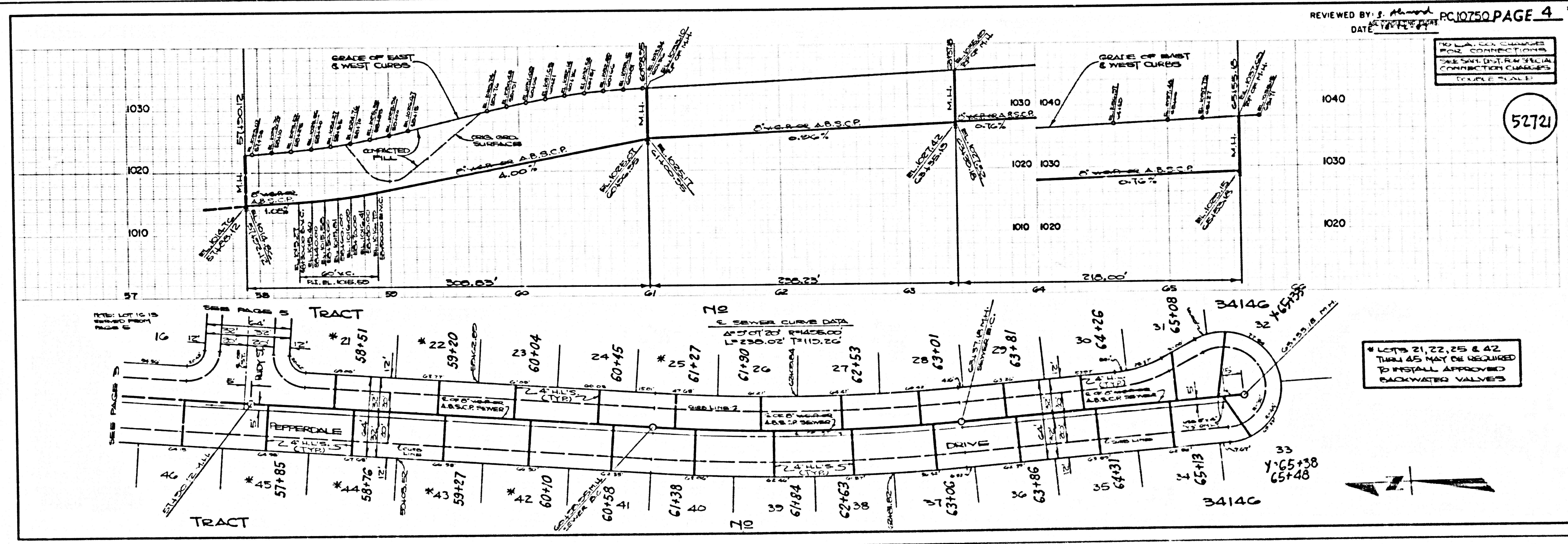
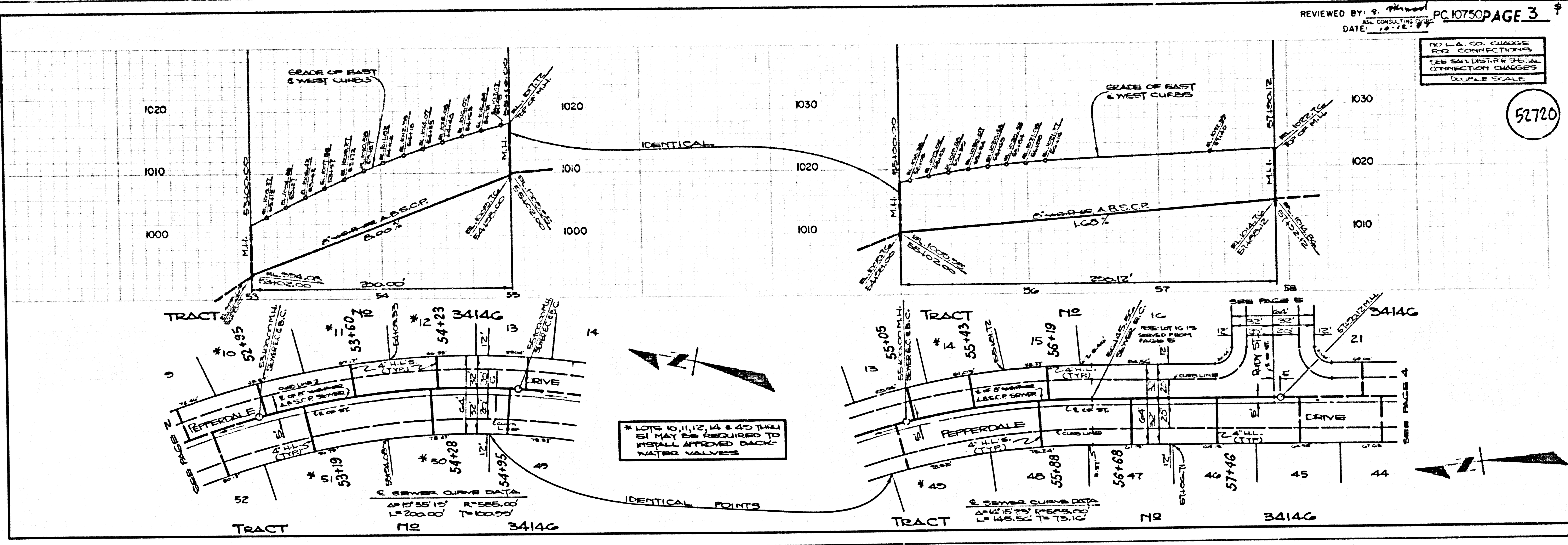
NOTE: LOTS 11 AND 52 SHALL BE REQUIRED TO INSTALL APPROVED BACKWATER VALVES

SEWER CURVE DATA  
 AT 45+00 R=250.00  
 L=235.00 T=172.20

0510139

0111101 TRACT





03701 29

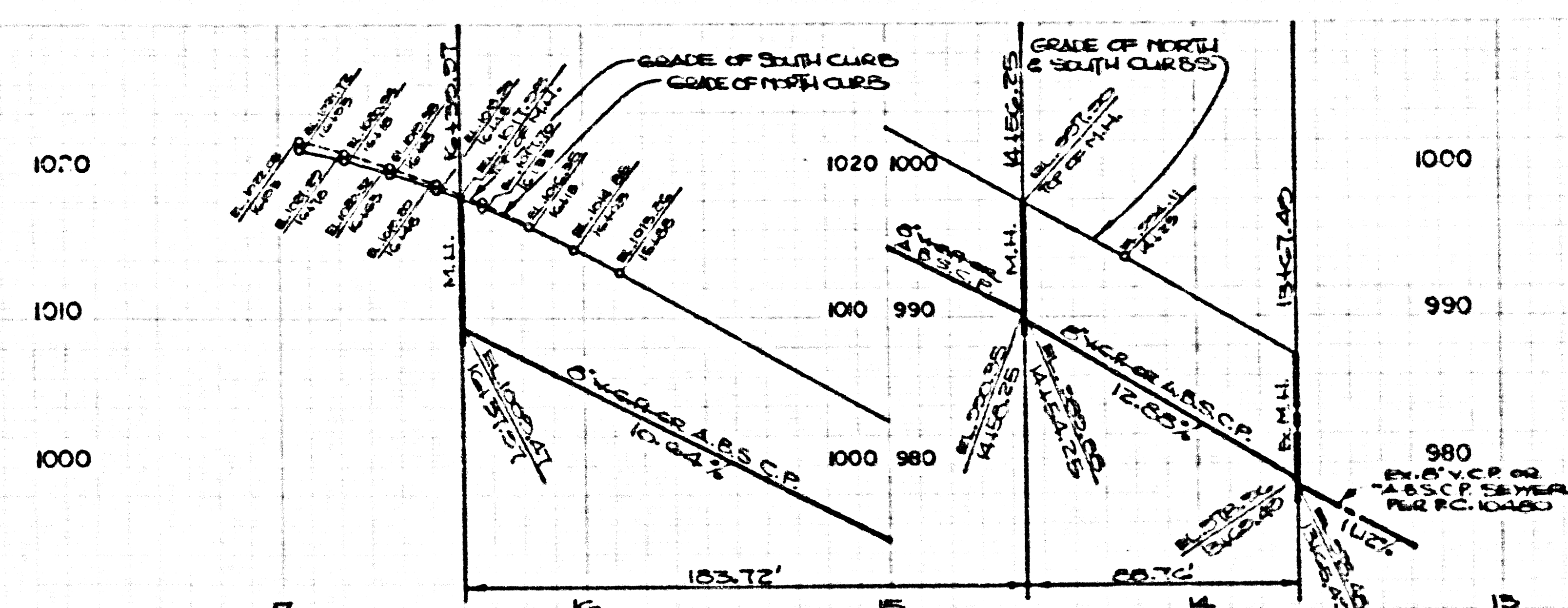
PC.10750 PAGE 3

03701 14-2-11-84

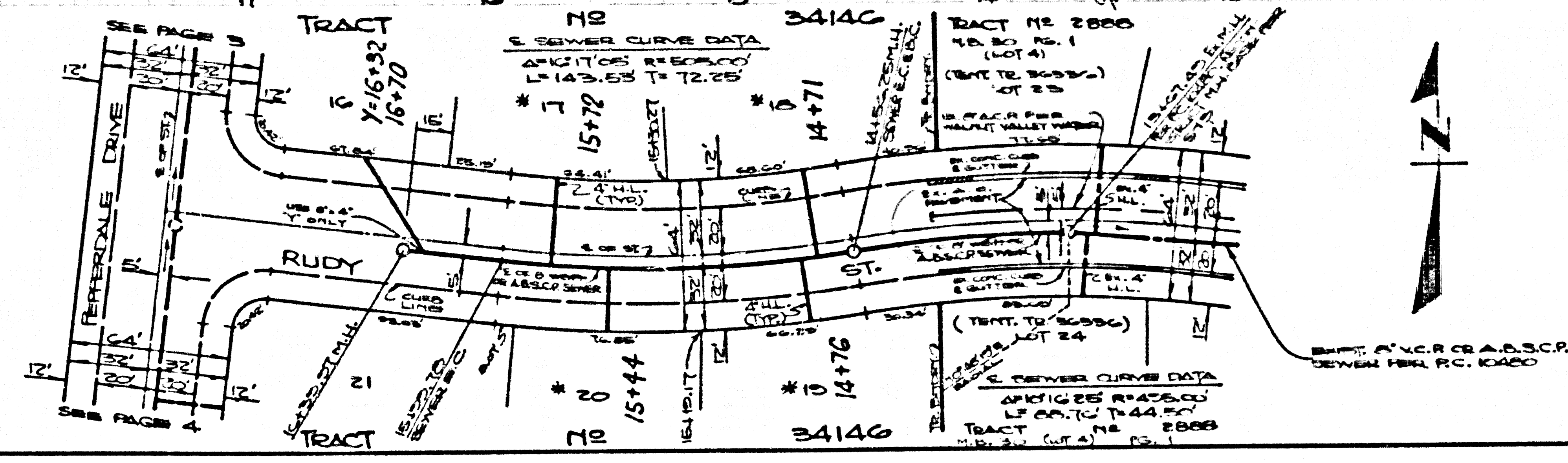


NO. 1 & 2D. CHANGES  
FROM CONNECTIONS  
TAKEN FROM OTHER SPECIAL  
CONNECTION CHARGES  
OF THE SAME

57722



\* LOTS 17 THRU 20 MAY BE  
REQUIRED TO INSTALL  
APPROVED BACKWATER  
VALVES



3

bc 10510 39

PIPE IN 10/11