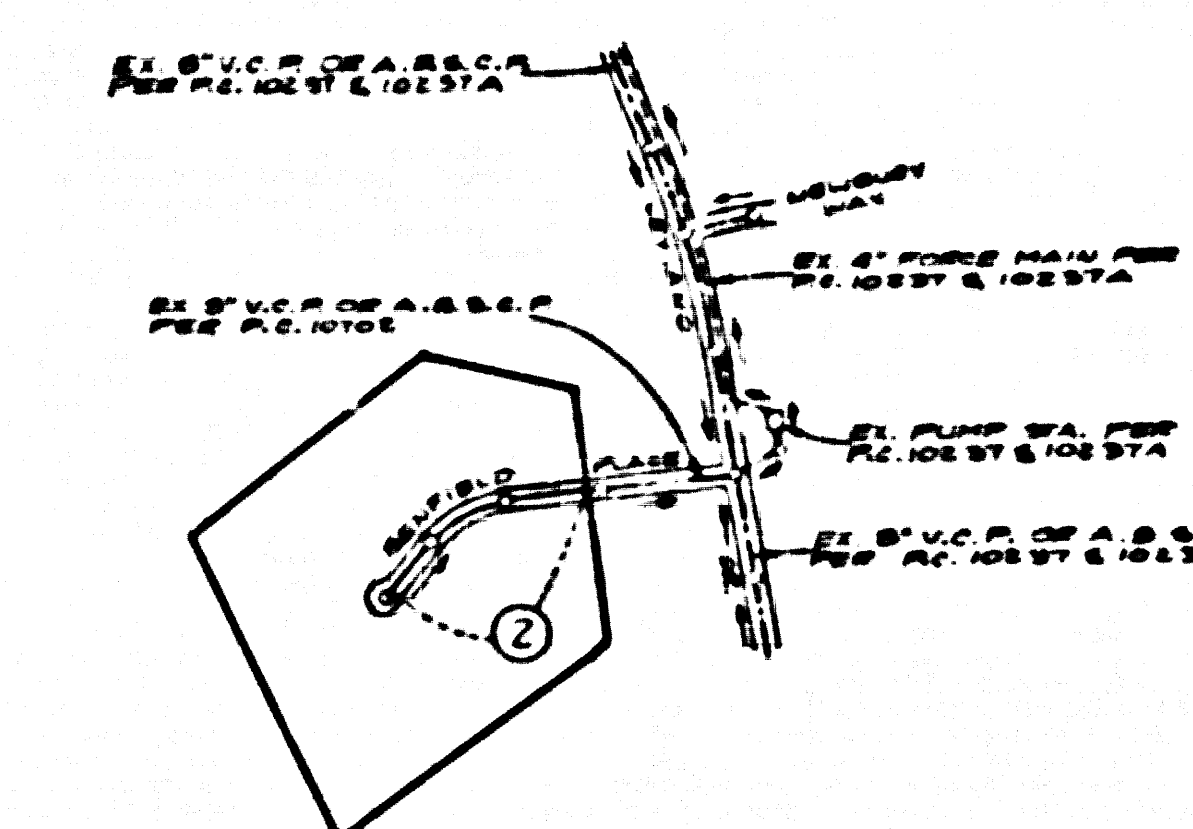


B.M. C.G. 3911 ELEV. 895.556
 L. 11 FT. IN E. END C 8 44 FT. S &
 96 FT. W. C/L INT. GRAND AVE. &
 DIAMOND BAR BLVD. MKD BM C-12
 OTTERBEIN QUAD. 19 75

REVISION NO. 1
 REVISE VERTICAL ALIGNMENT OF MAINLINE SEWER AND
 CURB GRADERS ON PART 2 FROM SECTION 10 TO 12. THE
 APPROVED BY: *[Signature]* 11-30-87
 DEPT. OF PUBLIC WORKS DATE



INDEX MAP
 TRACT NO. 35576
 P.C. 10701
 SCALE: 1" = 600'

PRIVATE ENGINEER'S NOTICE TO CONTRACTORS

THE ENGINEER HAS REVIEWED THE PROPOSED PLAN AND SPECIFICATIONS FOR THE INSTALLATION OF A B & S COMPOSITE PIPE... THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE ACCURACY OF ALL DATA AND FOR OBTAINING NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.

CONSTRUCTION NOTES CONT.

- 14. FULL COMPLIANCE WITH PART 11 OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A B & S COMPOSITE PIPE STRUCTURES.
- 15. MANHOLE BODIES FROM BRICKS AND CLAYS ARE REQUIRED FOR THE CONNECTION TO A B & S COMPOSITE PIPE TO MANHOLE STRUCTURES.
- 16. A B & S SOLID WALL PIPE MUST BE USED FOR VIE AND HOUSE LATERAL CONNECTIONS TO A B & S COMPOSITE MANHOLE SEWER PIPE.
- 17. A B & S COMPOSITE PIPE SHALL BE BULGED IN CONFORMANCE WITH THE TABLE IN SECTION 8-1.1 OF PART 11 OF THE SPECIAL PROVISIONS.
- 18. THREE CORNER LATERAL CONNECTIONS ARE REQUIRED FOR RADIUS OF CURVATURE LESS THAN 300 FEET WHEN USING A B & S COMPOSITE PIPE.
- 19. NO CONNECTIONS FOR DISPOSAL OF INDUSTRIAL WASTE IS ALLOWED IF A B & S COMPOSITE PIPE IS USED.
- 20. SEWER LINE CURVATURE SHALL NOT BE ACHIEVED BY PULLING OF JOINTS OR BENDING PIPE IN PLACE USING PLASTIC PIPE INCLUDING A B & S COMPOSITE PIPE.
- 21. ALL VIE AND HOUSE LATERALS ARE TO BE LOCATED AT LEAST FIVE FEET AWAY AND WHEN POSSIBLE NOT CLOSER THAN FIVE FEET TO ANY MANHOLE.
- 22. A B & S SOLID WALL PIPE IS NOT ACCEPTABLE FOR USE AS MANHOLE BODIES.
- 23. ONLY VIE BRANCHES ARE TO BE USED FOR CONNECTION TO A B & S COMPOSITE MANHOLE SEWER PIPE.

NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTE 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.

LOT 15 IS DESIGNATED AS AN OPEN SPACE LOT, RESTRICTED TO NO CONSTRUCTION & WILL NOT BE COVERED BY THIS SEWER.

GENERAL NOTES.

- 1. ELEVATIONS ARE AS SHOWN UNLESS OTHERWISE NOTED.
- 2. NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
- 3. NO REPRESENTATION OF THE DEPT. OF PUBLIC WORKS SHALL BE MADE ON ANY PART OF THE PROJECT.
- 4. GRADES TO WHICH THE IMPROVEMENTS ARE TO BE CONSTRUCTED ARE SHOWN ON THESE PLANS AND SHALL BE MAINTAINED THROUGHOUT THE PROJECT.
- 5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND CITY PLANS FOR ALL HOUSE LATERALS AND "T" JOINT BRANCHES AND SHALL PROVIDE STAKES FOR THEM AT THEIR PROPER LOCATIONS AT THE COMMENCEMENT OF CONSTRUCTION.
- 6. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL, DEPENDING ON 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 COLLECTOR STREETS FROM THE CONTRACTOR SUPERVISOR OF THE DEPT. OF PUBLIC WORKS AND A PERMIT TO EXCAVATE IN COLLECTOR STREETS FROM A CALIF. ST. L.C. & C. TO COVER THE CURB OF CONSTRUCTION INSPECTOR AND RECORD PLANS.
- 8. IF WORK IS TO BE DONE IN A CITY OR COUNTY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, THE 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 OR OF THE FULL FULFILLMENT OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.
- 10. REFER TO SECTION 7.1.1 OF THE STANDARD SPECIFICATIONS REGARDING SAFE Y CORDS.
- 11. PRIOR TO THE COMMENCEMENT OF THE REQUIRED SEWER CONSTRUCTION PERMIT THE CONTRACTOR SHALL OBTAIN THE DEPT. OF PUBLIC WORKS LINES OF A PERMIT TO EXCAVATE IN COLLECTOR STREETS FROM THE CONTRACT SUPERVISOR OF THE DEPT. OF PUBLIC WORKS AND A PERMIT TO EXCAVATE IN COLLECTOR STREETS FROM A CALIF. ST. L.C. & C. TO COVER THE CURB OF CONSTRUCTION INSPECTOR AND RECORD PLANS.
- 12. APPROVAL OF THIS PLAN BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OR OF THE FULL FULFILLMENT OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIES TO ALL PAGES.

CONSTRUCTION NOTES:

- 1. WORK SHALL BE CONSTRUCTED ACCORDING TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION) WITH THE EXCEPTIONS SET FORTH IN THESE NOTES.
- 2. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION OF PUBLIC WORKS DEPT. TEL. 878-0881 AT LEAST 24 HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
- 3. HOUSE LATERALS TO BE CONSTRUCTED WITH BRICKS AT AN MINIMUM LINE A FOOT BELOW CURB GRADE EXCEPT AS NOTED.
- 4. VIE OR VIE BRANCHES MAY BE USED FOR CONNECTIONS TO VIE BRANCHES EXCEPT AS NOTED.
- 5. VIE BRANCHES MAY BE USED FOR CONNECTIONS TO VIE BRANCHES AT A B & S P. IN USE.
- 6. ALL STRUCTURES SHALL BE BUILT WITH BRICKS PER 2.0 ON PRECAST CONCRETE MANHOLE PER 2.0 EXCEPT AS NOTED.
- 7. MANHOLE BODIES ON THE PROPERTY LINE OF PROPERTY LINES PRODUCED AT NIGHT SHALL BE TO THE CURB LINE AT THE CENTER LINE OF EACH MANHOLE.
- 8. MANHOLE LIDS IN URBAN AND SUBURBAN AREAS SHALL BE 24" DIA. PER STANDARD SPECIFICATIONS PER 2.0.
- 9. WITH RED CLAY PIPE JOINTS SHALL BE THREE (3) OR "X" PER STANDARD SPECIFICATIONS PER 2.0.
- 10. IF A PROPERTY LINE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE BULGED PER 2.0. CASE A WILL BE CONSIDERED APPROVED BY THE CONTRACTOR.
- 11. ALL JOINTS BETWEEN CAST IRON PIPE AND APPROVED CLAY PIPE SHALL BE MADE WITH A RUBBER JOINT TYPE "C" OR "D" WITH JOINTS AS SHOWN ON THE STANDARD SPECIFICATIONS SECTION 11.1.
- 12. ALL JOINTS BETWEEN CAST IRON PIPE & A B & S P. SHALL BE MADE WITH APPROVED FITTINGS.
- 13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 11.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- 14. REQUIREMENT ALL TRENCHES WITHIN ROAD RIGHTS OF WAY TO BE TESTED FOR LEAKAGE PER SECTION 11.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- 15. FULL COMPLIANCE WITH SECTION 11.1.4 OF THE STANDARD SPECIFICATIONS WILL BE REQUIRED FOR ALL TRENCHES FOR THE CONSTRUCTION OF SEWER COLLECTION SYSTEMS AND SANITATION SYSTEMS BY A QUALIFIED REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT AS REQUIRED BY THE PERMITTING AGENCIES.
- 16. SPECIAL ACCEPTANCE REQUIREMENTS FOR ALL SPECIAL TRENCHES AND MANHOLES OTHER THAN AS SHOWN ON THESE PLANS SHALL BE OBTAINED FROM THE COUNTY OF LOS ANGELES AND SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 17. SPECIAL ACCEPTANCE REQUIREMENTS FOR ALL SPECIAL TRENCHES AND MANHOLES OTHER THAN AS SHOWN ON THESE PLANS SHALL BE OBTAINED FROM THE COUNTY OF LOS ANGELES AND SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.
- 18. SPECIAL ACCEPTANCE REQUIREMENTS FOR ALL SPECIAL TRENCHES AND MANHOLES OTHER THAN AS SHOWN ON THESE PLANS SHALL BE OBTAINED FROM THE COUNTY OF LOS ANGELES AND SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

DOUBLE SCALE PROFILE, ALIGNMENT AND GRADE OF PAGE 1

SANITARY SEWERS

TRACT NO. 35576
 PRIVATE CONTRACT NO. 10701

INDEX: U-148
 SHEET: 2 PAGES

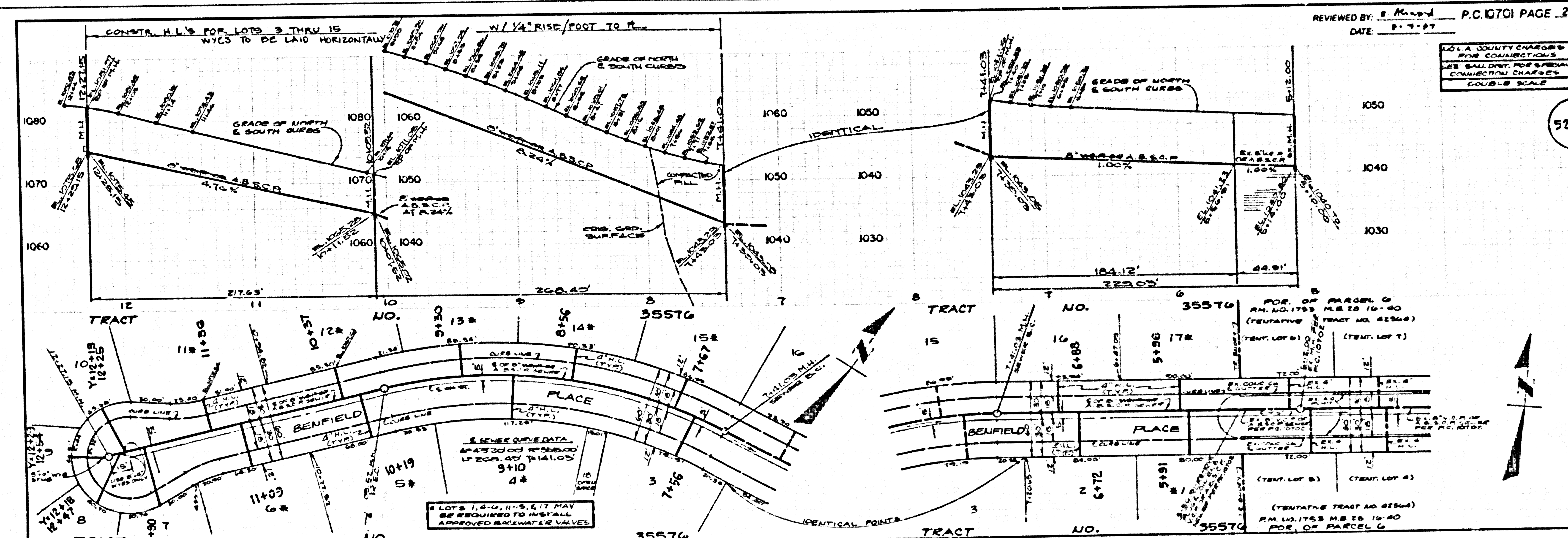
SCALE: VERT. 1" = 2' APRIL 1987
 PREPARED IN THE OFFICES OF

LIND & MILLERUD, INC.
 1001 WEST 10TH STREET
 SAN DIMAS, CALIF. 91774
 BY: *[Signature]* REG. CE 1663

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

16800	2.1
MINIMUM PUBLIC SAFETY REQUIREMENTS	2.2
SPECIAL SPECIFICATIONS	2.3
STANDARD MANHOLE BODIES	2.4
MANHOLES FOR SEWER PIPE	2.5
CANALS AND ENCLOSURES	2.6
USE OF BRICKWORK	2.7
ALLOWABLE FINISHES AND COVER	2.8
NON-REINFORCED PRECAST CONCRETE MANHOLE	2.9

COUNTY OF LOS ANGELES, CALIFORNIA
 THOMAS A. THOMAS, DIRECTOR
 DEPARTMENT OF PUBLIC WORKS
 APPROVED: *[Signature]* APPROVED: *[Signature]*
 REVISED: *[Signature]* 8-1-87
 SAN DIMAS, CALIF. 91774



REVIEWED BY: *[Signature]* P.C. 10701 PAGE 2
 DATE: 8-1-87

LOS ANGELES COUNTY CHARGES FOR CONNECTIONS
 PER SAN. DIST. PER SPECIAL CONNECTION CHARGES
 DOUBLE SCALE

LOTS 1, 4, 6, 11, 5, & 17 MAY BE REQUIRED TO INSTALL APPROVED BACKWATER VALVES

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