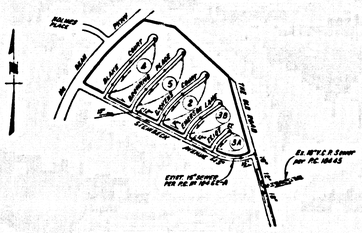
B.M. CL 3960 ELEV. 1262.866

ROBIN TAB IN CONC BASE OF EDISON PP #1212406 CAPTS E 67.7FT E C/L INT LYONS AVE & WILEY CN RD

NEWHALL QUAD 19 83

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.




INDEX MAP
TRACT Nº 33698
P.C. Nº 10462-B
Scale: 1" = 600'

## DOUBLE SCALE

### CONSTRUCTION NOTES: (cont')

16. WYE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER IF A.S.C.P. "B" USED.
17. ALL JOINT BETWEEN CAST IRON PIPE AND V.C.S.P. SHALL BE MADE WITH APPROVED FITTINGS.
18. FULL DIVERTANCE WITH PART "N" OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.S.T. COMPOSITE PIPE AND A.S.P. SAND WALL HOUSE LATERALS.
19. MANHOLE WATER STOP GASKETS AND FLANGE SET REQUIRED FOR THE CONNECTION OF A.S.T. COMPOSITE PIPE TO MANHOLE STRUCTURES.
20. A.S.T. (PVC) WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.S.T. COMPOSITE MAIN LINE SEWER PIPE.
21. A DEGREE DEFLECTION COUPLING ARE REQ'D AT CENTERLINE ANGLE POINTS OF 11-1/4° OR GREATER, WHEN USING A.S.T. & A.S.D. COMPOSITE PIPE.
22. A.S.T. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION B-3.1 OF PART "B" OF SPECIAL PROVISIONS.

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) 362-8605 SO THAT REQUIRED INSPECTION CAN BE MADE.

**ISSUE NO HOUSE LATERAL PERMITS UNTIL OUTLET SEWERS P.C. 9445 & P.C. 10462-A ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF L.A.**

### GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE ON THESE PLANS WITHOUT THE APPROVAL OF THE **DIRECTOR OF PUBLIC WORKS.**
3. NO INFORMATION OF THE **DEPT. OF PUBLIC WORKS SHALL SANCTION OR LAY OUT ANY PORTION OF THE WORK.**
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE SHOWN ON PRINTED AND PROFILES. GRADE POINTS FOR TOP OF CURB (CENTER OF MONUMENTS OR CENTERLINE OF ALLEYS) ARE SHOWN BY CIRCLES, CHANGES IN GRADE AT POINTS BETWEEN DESIGNATED POINTS ARE UNIFORM AND SHALL BE ESTABLISHED BY A STRAIGHT LINE DRAWN BY THE CONTRACTOR FROM POINT TO POINT AS THE CASE MAY BE, UNLESS OTHERWISE INDICATED.
5. THE PRIVATE ENTINEER SHALL FURNISH THE **DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND STRINGING FOR ALL SEWER LAYOUTS** AND TOP OF BRANCHES AND SHALL PROVIDE ALL [illegible] ALL HOUSE LATERALS SHALL BE CONSTRUCTED AS A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN SEWER EXCEPT [illegible] 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 IN FOR EACH HOUSE LATERAL ON LINE SEWER SHEET.
7. [illegible] THE L.A. CITY, COUNTY ENGINEER, DISTRICT OFFICE #15, AND NOT LESS THAN 2 DAYS IN THE DIRECTOR OF PUBLIC WORKS, 900 S. FREMONT AVE. ALHAMBRA, CA. 91803, 8TH FLOOR TO SUBMIT THE NAME OF HIS PERSONAL REPRESENTATIVE WHO SHALL [illegible]
8. IF WORK IS TO BE DONE IN STATE HIGHWAY A PERMIT MUST BE OBTAINED FROM THE STATE OF CALIFORNIA, DIVISION OF HIGHWAYS, 120 SOUTH SPRING STREET, LOS ANGELES, CALIFORNIA.
9. APPROVAL OF THESE PLANS 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 PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THE CONTRACTOR APPLIES TO ALL PROJECTS.
10. REFER TO SECTION 7-1.02 K (3) OF STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
11. [illegible] WORK DONE BY CONTRACTOR IN EXISTING OR PROPOSED COUNTY STREETS FROM THE ROAD ELEMENT OF THE DEPT. OF PUBLIC WORKS, 900 S. FREMONT AVE. ALHAMBRA, CA. 91803, 8TH FLOOR. [illegible] A PERMIT TO EXCAVATE IN EXISTING OR PROPOSED COUNTY STREETS FROM THE ROAD ELEMENT OF THE DEPT. OF PUBLIC WORKS, 900 S. FREMONT AVE. ALHAMBRA, CA. 91803, 8TH FLOOR. NAMED AS THE CERTIFICATE HOLDER TO BE NOTIFIED 24 HOURS PRIOR TO THE START OF CONSTRUCTION. [illegible] PUBLIC LIABILITY AND PROPERTY DAMAGE INSURANCE IN THE AMOUNTS REQUIRED BY THE COUNTY OF LOS ANGELES. [illegible] EVIDENCE OF SUCH INSURANCE SHALL BE FILED WITH THE DEPT. OF PUBLIC WORKS.

### CONSTRUCTION NOTES:

1. [illegible] THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

| | COUNTY |
|---|---|
| LEGEND | 1-1 |
| INFORMATION SAFETY REQUIREMENTS | 1-2 |
| BRICK SEWER MANHOLES | 5-5 |
| STANDARD MANHOLE STEP | 5-17 |
| SPECIALS FOR SEWER MAINS | 5-21 |
| GRADING AND REVETMENT | 5-23 |
| WYE OR TEE BRANCH | 5-26 |
| ALIGNMENT PIPE WITHIN | 5-32 |
| LOCKING BARREL PLUG AND COVER | 5-35 |
| NON-REINFORCED PRECAST CONCRETE SEWER MANHOLES | 5-36 |
| SPECIAL HOUSE LATERAL | 5-38 |

2. [illegible] EXISTING SEWER MAINS AND APPURTENANCES SHALL BE PROTECTED AT ALL TIMES. [illegible] SHALL BE REPAIRED OR REPLACED AS DIRECTED BY THE ENGINEER.
3. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION DIVISION **BY TELEPHONE, 818-458-3145 OR CAL. TRONIC-FOUR** HOURS BEFORE STARTING WORK UNDER THIS CONTRACT.
4. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 8 FEET BELOW CURB GRADE EXCEPT AS NOTED.
5. WYE OR TEE BRANCH MAY BE USED FOR CONNECTIONS TO MAINLINE 15 FEET OR LESS EXCEPT AS NOTED.
6. ALL STRUCTURES SHALL BE EITHER BRICK **SEWER MANHOLES PER S-5 OR PRE-CAST CONCRETE MANHOLES PER S-36 SHOWN AS REVISED.**
7. [illegible] PROVIDE CLEANOUTS ON THE PROPERTY LINE OR PROPERTY LINES PROJECTED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
8. MANHOLE TOPS IN UNIMPROVED RIGHTS OF WAY TO BE 8 INCHES ABOVE FINISHED GRADE.
9. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "E" PLAN STANDARD SPECIFICATIONS SECTION 208-2.
10. A 45° WYE SHALL BE PROVIDED AT THE END OF THE SEWER. THE SEWER SHALL BE EXTENDED PER S-20, USE 8" TO 6" FOR 6" OR SMALLER SIZE FROM THE POINT OF INTERFERENCE.
11. 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, OR ANY WHERE IT MAY NOT BE SHOWN ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-20, CASE 3 UNLESS OTHERWISE APPROVED BY THE **DIRECTOR OF PUBLIC WORKS.**
12. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "D" OR "E", [illegible] IF NECESSARY. FOR ITEMS AND SPECIFICATIONS, SEE SECTION 208-2.
13. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306-1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
14. BACKFILL ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY **PUBLIC WORKS OF CALIFORNIA STATE HIGHWAY REQUIREMENTS** IN ACCORDANCE WITH PERMITS.
15. FOR COMPLIANCE WITH SECTION 306-1.3.5 OF THE **STD. SPECIFICATIONS** WILL BE REQUIRED FOR BACKFILL IN STREETS, CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENCY BY A QUALIFIED, REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
16. SPECIAL BACKFILL IN EASEMENT CONSTRUCTION OR TRENCHING, BACKFILL TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE [illegible] FINISHED GRADES AND SLOPES SHOWN ON THE ORIGINAL PLANS APPROVED FOR THE TRACT. [illegible] OF THE **LAND DEVELOPMENT** DIVISION. FINAL BACKFILL AND EARTHWORK [illegible] SHALL BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY [illegible] STD. METHOD OF TEST DESIRED, AS MODIFIED BY [illegible] CERTIFIED CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION ENGINEER, PUBLIC WORKS **BLDG.**

PROFILE, ALIGNMENT AND GRADE OF PAGE 1

## SANITARY SEWERS

TO BE CONSTRUCTED IN

## TRACT Nº 33698

## PRIVATE CONTRACT NO. 10462-B

**INDEX A-42**

9 SHEETS; 5 PAGES

SCALE VERT. 1"=5' HORIZ. 1"=40' DECEMBER, 1985

PREPARED IN THE OFFICES OF ENGINEERING SERVICE CORPORATION

BY [signature] REG. C.E. NO. 13095

REGISTERED PROFESSIONAL ENGINEER KENNETH NICHOLLS No. 13095 Exp. 9-30-87 CIVIL STATE OF CALIFORNIA

52723

COUNTY OF LOS ANGELES, CALIFORNIA

THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS CHARLES W. CARRY CHIEF ENGINEER

APPROVED: Dean Gustafson 2-1-88 (DATE)

CHECKED: Sandy G. Hoel 1-11-88 (DATE)

ENG. CE NO. 33134

SANTA CLARITA VALLEY BLDG DIST. #2

APPROVED [signature] for CHIEF ENGINEER 2/1/88

TO SAN DIST NO. 32

P. C. _____ PAGE _____

1 TRACT No 33698 P.C. No 10462-B

P.C. 10462-A 2

P.C. 10462-B PAGE 2

REVIEWED BY [illegible] DATE 1-7-98

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+45.00

52724

BACKWATER VALVES MAY BE REQUIRED

CONSTRUCT HOUSE LATERALS PER S-28 CASE 1

EXISTING GROUND SURFACE

GRADE OF EAST AND WEST CURBS

GRADE OF WEST CURB

GRADE OF EAST CURB

8"V.C.P. or A.B.S.C.P. 2.00%

8"V.C.P. or A.B.S.C.P. 2.28%

8"V.C.P. or A.B.S.C.P. 2.80%

COMPACTED FILL

1390
1380
1370

311.65'
290.65'
118.46'
78.45'

TRACT NO. 33698

℄ SEWER CURVE DATA
Δ = 23°37'40"
R = 693.00' L = 290.63' T = 147.45'

(5-15) NUMBERS IN CIRCLE INDICATE BUILDING NUMBERS.

LOT 3 Y=8+21 8+61

Y=8+11 8+54

Y=8+16 8+85

Y=8+35 8+90

DICKENS COURT

STEINBECK AVENUE

1+05.00 Ex. M.H. STA. 11+68.85 per P.C. 10462-A

Encase 5' of 4" V.L. Per S-23, Cond. II

TRACT NO. 33698

P.C. 10462-B PAGE 3

REVIEWED BY [illegible] DATE 1-7-98

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

52725

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+40.00 FOR SECTIONS (A) & (B)

BACKWATER VALVES MAY BE REQUIRED

CONSTRUCT HOUSE LATERALS PER S-28 CASE 1

EXISTING GROUND SURFACE

GRADE OF WEST CURB

GRADE OF EAST AND WEST CURBS

8"V.C.P. or A.B.S.C.P. 1.60%

8"V.C.P. or A.B.S.C.P. 2.40%

8"V.C.P. or A.B.S.C.P. 2.20%

COMPACTED FILL

EXISTING GROUND SURFACE

1380
1370
1360
1350

251.63'
221.37'
261.37'
240.00'
230.00'

TRACT NO. 33698

℄ SEWER CURVE DATA
Δ = 25°30'29"
R = 345.00' L = 153.59' T = 78.00'

(5-15) NUMBERS IN CIRCLE INDICATE BUILDING NUMBERS.

LOT 2 Y=6+18 6+44

Y=6+08 6+49

Y=6+03 6+93

EMERSON LANE

STEINBECK AVENUE

1+00.00 Ex. M.H. STA. 8+88.85 per P.C. 10462-A

Encase 5' of 4" V.L. Per S-23, Cond. II

TRACT NO. 33698

℄ SEWER CURVE DATA
Δ = 24°17'57"
R = 243.00' L = 103.50' T = 52.74'

LOT 1 Y=3+85 4+00

Y=3+75 4+01

3+80.00 M.H.

Y=3+65 3+95

Y=3+60 3+69

ELIOT COURT

STEINBECK AVENUE

1+00.00 Ex. M.H. STA. 3+68.85 per P.C. 10462-A

TRACT NO. 33698

1-7-98

P.C. 10462-B (S)

(3)

P.C. No 10462-B

TRACT No 33698

P.C. 10462-B PAGE 4

REVISED BY [illegible] DATE 12-88

DOUBLE SCALE
NO L.A. CO CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+40.00

52726

BACKWATER VALVES MAY BE REQUIRED

EXIST. GROUND SURFACE

GRADE OF EAST AND WEST CURB

8"V.C.P. OR A.B.S.C.P 2.40%

8"V.C.P. OR A.B.S.C.P 2.60%

8"V.C.P. OR A.B.S.C.P 2.20%

COMPACTED FILL

350.00'

305.22'

122.78'

162.78'

TRACT NO. 33698

(5-15) NUMBERS IN CIRCLE INDICATE BUILDING NUMBERS.

℄ OF SEWER CURVE DATA
Δ = 12° 34' 47"
R = 995.00' L = 218.46' T = 109.67'

BLAKE COURT

STEINBECK AVENUE

1+00.00 Ex. M.H. STA 17+78.62 per P.C. 10462-A

LOT 5

LOT 4

P.C. 10462-B PAGE 5

REVISED BY [illegible] DATE 12-88

DOUBLE SCALE
NO L.A. CO CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+40.00

52727

BACKWATER VALVES MAY BE REQUIRED

EXISTING GROUND SURFACE

GRADE OF EAST AND WEST CURB

8"V.C.P. OR A.B.S.C.P 2.92%

8"V.C.P. OR A.B.S.C.P 2.60%

8"V.C.P. OR A.B.S.C.P 2.60%

COMPACTED FILL

EXISTING GROUND SURFACE

270.00'

275.00'

235.00'

275.00'

TRACT NO. 33698

(4-15) NUMBERS IN CIRCLE INDICATE BUILDING NUMBERS.

℄ SEWER CURVE DATA
Δ = 51° 33' 02"
R = 993.00' L = 894.39' T = 482.23'

℄ SEWER CURVE DATA
Δ = 10° 41' 40"
R = 993.00' L = 185.72' T = 93.13'

BROWNING PLACE

STEINBECK AVENUE

1+00.00 Ex. M.H. STA 17+68.85 per P.C. 10462-A

Ex. 12"V.C.P. Sewer per P.C. 10462-A

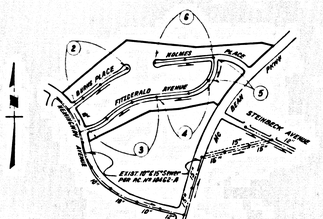
LOT 4

B.M. CL 3960 ELEV. 1262.866

ROBM TAB IN CONC. BASE OF EDISON PP #13274806, 60FT S & 67 FT E C/L INT LUGERS AVE & WILEY CANYON RD

NEWHALL QUAD. IS 83

NOTE:
NUMBERS IN CIRCLE INDICATE PAGE NUMBERS.




INDEX MAP
TRACT Nº 33698
P.C.Nº 10462-C
Scale: 1"=600'

DOUBLE SCALE

## CONSTRUCTION NOTES: (cont)

16. WYE SERVICES ONLY MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER IS ABOVE 15' IN SIZE.

17. ALL JOINS BETWEEN CAST IRON PIPE AND A.B.S.D. SHALL BE MADE WITH APPROVED FITTINGS.

18. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE AND A.B.S. COUPLING WHERE LATERALS

19. MANHOLE WATER STOP GASKETS AND FLEXIBLE JOINTS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.

20. A.B.S. AND C.M.P. PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SANITARY SEWER.

21. A SEWERAGE INSPECTION CONTRACT ARE NEED [illegible] CONSTRUCTION WORK OF CURVATURE LESS THAN 30', WHEN A.B.S. COMPOSITE PIPE IS USED.

22. A.B.S. COMPOSITE PIPE SHALL BE BEDDED IN ACCORDANCE WITH THE TRIAD IN SECTION 306.1 OF PART 3 OF SPECIAL PROVISIONS.

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.

LOTS 583, 585 & 586 ARE OPEN SPACE LOTS RESTRICTED TO NO CONSTRUCTION AND WILL NOT BE SERVED BY THIS SEWER.

ISSUE NO HOUSE LATERAL PERMITS UNTIL OUTLET SEWERS P.C. 10445 & P.C. 10462A ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF L.A.

## GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. DATUM (M.S.L.).
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 WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THIS IMPROVEMENT IS TO BE CONSTRUCTED ARE BASED ON ALLEY AND ROAD CENTER LINE PROFILES. ON CENTER LINE OF ALLEYS ARE SHOWN ELEVATIONS AT POINTS OF CHANGE IN GRADE, AT ALL POINTS WHERE SUCH GRADES INTERSECT THE CENTER LINE OF ALLEYS AND AT INTERVALS OF NOT MORE THAN 100 FEET. GRADES BETWEEN SUCH POINTS ARE TO BE CONSTRUCTED AS UNIFORM TO A STRAIGHT LINE CHANGE BETWEEN ELEVATIONS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND STATIONING FOR ALL HOUSE LATERALS AND/OR STRUCTURES, BUILDINGS AND SMALL PROJECTS.
6. ALL HOUSE LATERALS SHALL BE CONSTRUCTED AT RIGHT ANGLES TO THE MAIN SEWER AT ITS POINT OF CONNECTION, AS SHOWN ON THE PLANS, WHICH LATERALS 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.
7. THE PRIVATE ENGINEER SHALL FURNISH THE HOUSE LATERAL INVERT AT THE PROPERTY LINE BELOW THE TOP OF CURB ELEVATION FOR EACH HOUSE LATERAL ON THE GRADE SHEET.
8. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, LATEST EDITION, AND ANY ADDITIONS THERETO ADOPTED BY THE CONSTRUCTION DIVISION OF THE L.A. CO. DEPT. OF PUBLIC WORKS, DISTRICT OFFICE AT 0, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 5003 FREMONT AVE. ALHAMBRA, CA. 91803, 8TH FLOOR
9. 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.
10. 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.
11. REFER TO SECTION 7.5.5 A.1. OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
12. NO PERSON SHALL EXCAVATE OR [illegible] IN ANY PUBLIC STREET, HIGHWAY, ALLEY OR PUBLIC PLACE WITHOUT FIRST OBTAINING A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD ENGINEER OF THE DEPT. OF PUBLIC WORKS WORKS COVER BY A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD ENGINEER OF THE DEPT. OF PUBLIC WORKS
[illegible] CONSTRUCTION DIVISION OF THE L. A. CO. DEPT. OF PUBLIC WORKS, 5003 FREMONT AVE. ALHAMBRA, CA. 91803, 8TH FLOOR [illegible] NAMED AS THE CERTIFICATE HOLDER TO BE OBTAINED [illegible]

## CONSTRUCTION NOTES:

1. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1988 EDITION WITH 1990 SUPPLEMENT) & DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER DATED SEPT. 01, 1976 AND SHALL BE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY THE DEPT. OF PUBLIC WORKS CONSTRUCTION INSPECTOR BY TELEPHONE, 818-458-3128 AT LEAST TWENTY-FOUR HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 4 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS EXCEPT AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER S-3 OR PRE-CAST CONCRETE MANHOLES PER S-26 EXCEPT AS NOTED.
6. PROVIDE STAKES ON THE PROPERTY LINE FOR PROPERTY LINES PROJECTED AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED RIGHTS-OF-WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE CP-1 OR S-1 PER STANDARD SPECIFICATIONS SECTION 208.2.
9. IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-21, CASE I, TWO FEET UNDER AND SIDE FROM THE POINT OF INTERFERENCE.
10. IF, DURING THE COURSE OF CONSTRUCTION, IT IS DETERMINED THAT THERE IS LESS THAN FOUR FEET OF VERTICAL CLEARANCE BETWEEN THE TOP OF A MAIN LINE OR WYE OR LATERAL SEWER WHERE SHOWN ON THE PLANS, THE PIPE SHALL BE ENCASED PER S-21, CASE I, UNLESS OTHERWISE APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
11. ALL JOINTS BETWEEN CAST IRON PIPE AND VITRIFIED CLAY PIPE SHALL BE MADE WITH A RUBBER SLEEVE JOINT, TYPE "S" OR "SS", WITH BUSHING IF NECESSARY, PER STANDARD SPECIFICATIONS, SECTION 208.2.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.1.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. RESURFACE ALL TRENCHES WITHIN PAVED AREAS TO MEET L.A. COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH PERMITS.
14. FULL COMPLIANCE WITH SECTION 306.1.3.5 OF THE STD. SPECIFICATIONS FULL BE REQUIRED FOR BACKFILL IN STREETS. CERTIFICATION OF BACKFILL COMPACTION AND SAND EQUIVALENT TESTS BY A DULY REGISTERED TESTING LABORATORY SHALL BE PROVIDED BY THE PERMITTEE PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
15. SPECIAL BACKFILL IN EASEMENT CONSTRUCTION: ALL BACKFILL, TRENCH AND REPLACE OTHER EARTH SO AS TO ACHIEVE 90% MINIMUM COMPACTION (DRY WEIGHT) AND SLOPES SHOWN ON THE GRADING PLAN APPROVED FOR THIS DEVELOPMENT BY THE LAND DEVELOPMENT DIVISION. ALL BACKFILL AND EARTHWORK ALSO SHALL BE COMPACTED TO A MINIMUM 90% MAXIMUM DENSITY AT OPTIMUM MOISTURE BY ASTM METHOD TO TEST SITE AS REQUIRED. A CERTIFIED CERTIFICATION OF SUCH COMPACTION SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION, PUBLIC WORKS DEPT.

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

PAGE 1

TRACT Nº 33698

PRIVATE CONTRACT NO. 10462-C

INDEX A-42

4 SHEETS, 6 PAGES

SCALE: HORIZ. 1"=40' VERT. 1"=4' DECEMBER, 19 87

PREPARED IN THE OFFICES OF
ENGINEERING SERVICE CORPORATION
[illegible] (714) 477-7989

BY: J. K. Hollis
REG. C. E. NO. 13095

THE FOLLOWING LATEST REVISED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

| | L.A. COUNTY |
|---|---|
| LEGEND | S-1 |
| MINIMUM PUBLIC SAFETY REQUIREMENTS | S-2 |
| BRICK SEWER MANHOLE | S-3 |
| STANDARD MANHOLE STEP | S-17 |
| BEDDING FOR SEWER PIPE | S-21 |
| CRADLING AND ENCASEMENT | S-22 |
| WYE OR TEE SUPPORT | S-28 |
| ALLOWABLE TRENCH WIDTHS | S-33 |
| LOCKING MANHOLE FRAME AND COVER | S-35 |
| NON-REINFORCED PRECAST CONCRETE SEWER MANHOLE | S-36 |
| SPECIAL HOUSE LATERALS | S-38 |

53039

COUNTY OF LOS ANGELES, CALIFORNIA
THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS CHARLES W. CARRY, CHIEF ENGINEER

APPROVED: Dean Efstathiou 2-1-88
CHECKED: Sanford C. Hollis 1-11-88
REG. C.E. NO. 33154
SANTA CLARITA VALLEY BLDG DIST.

DC TAN DIST NO. 32
APPROVED: [signature] 2/1/88

P. C. _____ PAGE _____

(1)
BC Nº 10445-C
TRACT Nº 33698

P.C. 10462-C PAGE 2

REVIEWED BY: [signature] DATE: 1-7-98

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+81.99

53040

BACKWATER VALVES MAY BE REQUIRED

CONSTRUCT M.L.S. ON SOUTH PER S-25, CASE I

EXISTING GROUND SURFACE

GRADE OF NORTH CURB

GRADE OF NORTH AND SOUTH CURBS

GRADE OF SOUTH CURB

8" ~~V.C.P. or~~ A.B.S.C.P. 2.00 %

8" ~~V.C.P. or~~ A.B.S.C.P. 1.60 %

8" ~~V.C.P. or~~ A.B.S.C.P. 6.40 %

Prop. 36" R.C.P.

Prop. 18" R.C.P.

COMPACTED FILL

M.H.

1460
1450
1440

EX. 8" V.C.P. or A.B.S.C.P.

200.00'
118.01'
246.38'
326.62'

TRACT NO. 33698

(10-15) NUMBERS IN CIRCLE INDICATE BUILDING NUMBERS.

HEMINGWAY AVENUE

BURNS PLACE

LOT 583 OPEN SPACE

OPEN SPACE

LOT 10

LOT 9

LOT 8

Ex. 10"V.C.P. Sewer per P.C. 10462-A

Prop. 24" R.C.P.

Prop. 18" R.C.P.

Prop. 36" R.C.P.

Ex. 8" V.C.P. or A.B.S.C.P. SEWER per P.C. 10462-A

8" V.C.P. or A.B.S.C.P. SEWER

4'-0" M.L. (TYP.)

8" ~~V.C.P. or~~ A.B.S.C.P.

8+73.00 M.H.

Y= 8+63
9+03

Y= 8+80
8+97

Y= 8+68

* Encase 10' of 4" M.L. Per S-25, Case II

℄ SEWER CURVE DATA
Δ = 11°04' 00"
R = 1005.00' L = 194.12' T = 97.36'

1+00.00 E.S. N.W. 1374.61.39 m P.C. 10462-A

1+00.00 E.S. N.W. 1374.61.39 m P.C. 10462-A

Ex. 10"V.C.P. Sewer per P.C. 10462-A

P.C. 10462-C PAGE 3

REVIEWED BY: [signature] DATE: 1-7-98

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+81.94

53041

BACKWATER VALVES MAY BE REQUIRED

CONSTRUCT M.L.S. PER S-25 CASE I

EXISTING GROUND SURFACE

GRADE OF NORTH CURB

GRADE OF NORTH AND SOUTH CURBS

GRADE OF SOUTH CURB

8" ~~V.C.P. or~~ A.B.S.C.P. 2.00%

8" ~~V.C.P. or~~ A.B.S.C.P. 1.20 %

8" ~~V.C.P. or~~ A.B.S.C.P. 1.00 %

Prop. 18" R.C.P.

COMPACTED FILL

M.H.

1450
1440
1430

Ex. 8" V.C.P. or A.B.S.C.P.

321.86'
239.92'
300.00'
252.78'

TRACT NO. 33698

* Encase 8' of 4" M.L. Per S-25, Case II

HEMINGWAY AVENUE

FITZGERALD AVENUE

LOT 7

LOT 6

Ex. 10"V.C.P. Sewer per P.C. 10462-A

8" V.C.P. or A.B.S.C.P. Sewer per P.C. 10462-A

4'-0" M.L. (TYP.)

SEE PAGE 4

℄ SEWER CURVE DATA
Δ = 27°04' 21"
R = 345.00' L = 163.21' T = 83.16'

℄ SEWER CURVE DATA
Δ = 21°21' 08"
R = 805.00' L = 300.00' T = 151.76'

℄ SEWER CURVE DATA
Δ = 17°59' 20"
R = 805.00' L = 252.78' T = 127.44'

1+00.00 E.S. N.W. 1374.61.39 m P.C. 10462-A

1+00.00 E.S. N.W. 1374.61.39 m P.C. 10462-A

Ex. 10"V.C.P. Sewer per P.C. 10462-A

(S)

LACT. No 33698 PCWD DAES-C

TRACT No. 33698 (3)
P.C. 10462-C

P.C. 10462-C PAGE 4
REVIEWED BY: [signature] DATE: 1-7-88

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

53042




P.C. 10462-C PAGE 5
REVIEWED BY: [signature] DATE: 1-7-88

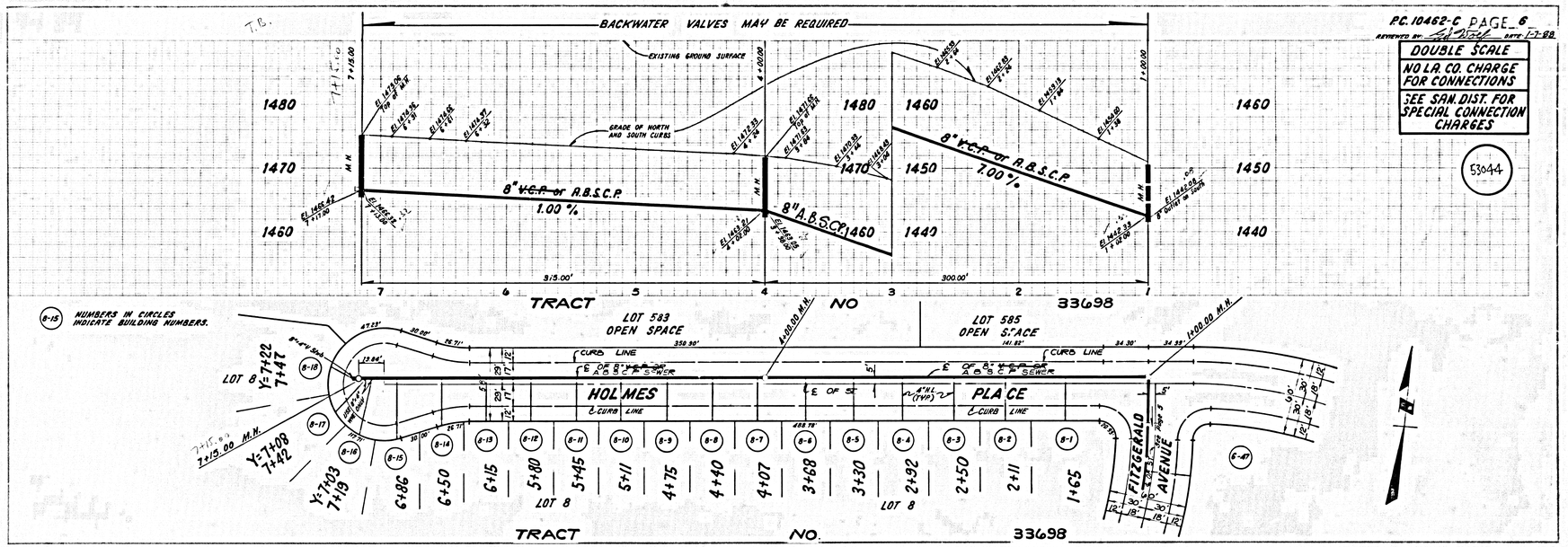
DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

53043

P.C. 10462-C PAGE 6
REVIEWED BY: Ed Bell DATE 1-7-88

DOUBLE SCALE
NO LA. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

53044



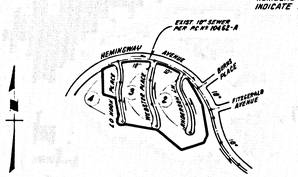

PAGE

S.M. CL 3960 ELEV. 1262.866

ROBM TAG IN CONC. BASE OF EDISON PP #1827406 E 60 FT S & 6 FT E C/L INT LYONS AVE & WILEY CN RD

NEWHALL QUAD 16 83

NOTE: NUMBERS IN CIRCLE INDICATE PAGE NUMBERS




INDEX MAP
TRACT Nº 33698
P.C.Nº 10462-D
Scale: 1" = 600'

REVISION NO.1 DATE: 5-10-91
PAGE 9 - ADDED M.H. AT STA. 1+40.00 - REMOVE & D/ OF EX. 8" V.C.P. & CONSTRUCTED LOWER WITH NEW 8" V.C.P. STA. 1+00.00 TO STA. 1+40.00
APPROVED Sandy G. Hale 5/20/91 DEPT. OF PUBLIC WORKS

DOUBLE SCALE

## CONSTRUCTION NOTES: (CONT)

12. ALL JOINTS BETWEEN CAST IRON PIPE AND PLASTIC SHALL BE MADE WITH APPROVED FITTINGS
13. FOR COMPLIANCE WITH SECTION 7041.1 OF THE SPECIAL PROVISIONS, PIPE SHALL BE REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE AND ALL SOLID WALL HOUSE LATERALS
14. MANHOLE WATER STOP GASKETS AND DUMMIES ARE REQUIRED FOR THE CONNECTION OF PIPE COMPOSITE PIPE TO APPROVED STRUCTURES.
15. ALL SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MANHOLE SEWER MAIN.
16. TO OBTAIN DEFLECTION OF ALL A.B.S. COMPOSITE PIPE USE MINIMUM RADIUS OF 150' WHEN USING 8" A.B.S.D. COMPOSITE PIPE, AND 200' WHEN USING 8" A.B.S.D. COMPOSITE PIPE.
17. ALL A.B.S. COMPOSITE PIPE SHALL BE INSTALLED IN CONFORMANCE WITH THE TABLE IN SECTION 7041.2 OF THE SPECIAL PROVISIONS.

CONTRACTOR MUST MAINTAIN FLOW AT ALL TIMES

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 LATERAL PERMITS UNTIL OUTLET SEWERS P.C. 10445 & P.C. 10462-A ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF L.A.

## GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE TO THESE PLANS WITHOUT THE APPROVAL OF THE **DIRECTOR OF PUBLIC WORKS.**
3. NO REPRESENTATIVE OF THE **DEPT. OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.**
4. GRADES TO WHICH THIS APPROVAL IS GIVEN ARE SHOWN IN FEET AND HUNDREDTHS OF A FOOT. POINTS OF CURVE, CENTER LINE INTERSECTION OR CURVE, OUTLINE OF EASEMENT SHOWN ON PLANS AND PROFILES ARE ALL POINTS SET WITH REFERENCE TO THE PROPERTY LINE OR CENTER LINE OF STREET AS ARE ANY OTHER POINTS NECESSARY TO LOCATE THE WORK AS NOTED HEREON.
5. THE **PRIVATE ENGINEER** SHALL FURNISH **DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND STAKEMENT FOR ALL HOUSE LATERALS** AND WYE OR TEE CONNECTIONS AS INSTALLED. ALL SUCH GRADE SHEETS AND STAKEMENT SHALL BE SIGNED BY A REGISTERED CIVIL ENGINEER OR A LICENSED LAND SURVEYOR AND SHALL BE SUBMITTED BEFORE ANY SEWER IS ACCEPTED FOR MAINTENANCE. ANY CHANGE IN ALIGNMENT SHALL BE REFLECTED ON AS-BUILT PLANS.
6. THE CONTRACTOR SHALL NOTIFY THE **DEPT. OF PUBLIC WORKS** AT LEAST TWO WORKING DAYS IN ADVANCE OF THE TIME HE WILL BE READY FOR INSPECTION OF ANY PORTION OF THE WORK.
7. THE LOCATION AND ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION AND ELEVATION OF ALL UTILITIES AND OTHER STRUCTURES BEFORE COMMENCING WORK AND SHALL COOPERATE WITH THE OWNERS OF UTILITIES IN THE PROTECTION AND MAINTENANCE OF THEIR FACILITIES DURING THE PROGRESS OF THE WORK.
8. ALL WORK SHALL CONFORM TO ALL APPLICABLE PARTS OF THE STANDARD SPECIFICATIONS, REGARDING SAFETY ORDERS.
9. ALL WORK PERFORMED WITHIN THE RIGHT OF WAY OF ANY PUBLIC STREET OR HIGHWAY SHALL BE DONE UNDER THE CONTROL OF THE **DEPT. OF PUBLIC WORKS** AND THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE **DEPT. OF PUBLIC WORKS** OFFICE AT **CONSTRUCTION DIVISION OF CA. 91803-8TH FLOOR** BEFORE STARTING ANY WORK. THE CONTRACTOR SHALL NOTIFY THE **DEPT. OF PUBLIC WORKS** OFFICE AT **THE L.A. CO. DEPT. OF PUBLIC WORKS, DISTRICT OFFICE NO 5,** AND PAY A FEE TO THE **DIRECTOR OF PUBLIC WORKS, 5008 E. FREMONT AVE. ALHAMBRA, CA. 91803-8TH FLOOR** TO COVER THE COST OF INSPECTION AND CONSTRUCTION AT LEAST TWO WORKING DAYS BEFORE STARTING ANY WORK.
10. IF WORK IS TO BE DONE IN A STATE HIGHWAY A PERMIT MUST ALSO BE OBTAINED FROM THE STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS, DIVISION OF HIGHWAYS, DISTRICT 7, 120 S. SPRING ST., LOS ANGELES, CALIFORNIA.
11. APPROVAL OF THESE PLANS BY THE COUNTY OF LOS ANGELES DOES NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF UTILITIES SHOWN THEREON, NOR DOES IT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO LOCATE AND PROTECT ALL UTILITIES WITHIN THE LIMITS OF THE WORK, WHETHER SHOWN ON THE PLANS OR NOT.
12. **WORK COMES OFF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD DEPARTMENT AT THE DEPT. OF PUBLIC WORKS CONSTRUCTION DIVISION OF CA. 91803-8TH FLOOR** AND SHALL BE PAID FOR AT THE OFFICE OF THE **L. A. PUBLIC WORKS, 5003 FREMONT AVE. ALHAMBRA.**

## CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE **STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (1986 EDITION WITH 1986 SUPPLEMENT) & DEPT. OF PUBLIC WORKS SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER DATED SEPT. 1978** AND ANY SUBSEQUENT REVISIONS THERETO AS ADOPTED BY THE **DIRECTOR OF PUBLIC WORKS.**
2. THE CONTRACTOR SHALL NOTIFY THE **DEPT. OF PUBLIC WORKS INSPECTION SERVICES BY TELEPHONE, 818-458-3129 AT LEAST TWENTY-FOUR** HOURS BEFORE STARTING ANY WORK UNDER THIS CONTRACT.
3. HOLES ARE TO BE **INSTRUCTED IN THE ASPHALTIC PAVEMENT, INCLUDE BELOW CURB GRADE AS SHOWN** AS NOTED.
4. WYE OR TEE DIAMOND'S MAY BE USED FOR CONNECTIONS TO **SEWER MANHOLES PER S-2 OR PRE-CAST CONCRETE MANHOLES PER S-96. EXCEPT AS NOTED**
5. ALL CONSTRUCTION SHALL BE **STRAIGHT BETWEEN MANHOLES.**
6. **PRIVATE SEWERS ON THE PROPERTY AND ON PRIVATE USES SHOULD BE AT RIGHT ANGLES TO THE SEWER LINE AT THE CENTER LINE OF EACH MANHOLE.**
7. MANHOLE CURB IN UNIMPROVED PORTIONS OF WASTE OR SIX INCHES ABOVE FINISHED GRADE.
8. ALL PIPE JOINTS SHALL BE TYPE OF **(A) AS STANDARD SPECIFICATIONS SECTION 308.2.**
9. IF A WATER PIPE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED, PER S-22 CASE I, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF SEWER MAIN IS TO BE INSTALLED AT A DEPTH WHICH IS DEEPER AND MORE THAN FOUR FEET OF COVER OVER THE TOP OF A MAIN LINE OR HOUSE LATERAL, SPECIAL CONSTRUCTION IS REQUIRED AS SHOWN ON THESE PLANS. THE PIPE SHALL BE ENCASED PER S-22 CASE I UNLESS OTHERWISE APPROVED BY THE **DIRECTOR OF PUBLIC WORKS.**
11. ALL JOINTS WITHIN EACH MANHOLE SHALL BE WATERTIGHT. ALL MAINS WITH A RUBBER SLEEVE JOINT, TYPE 10 OR D (WITH BUSHING IF NECESSARY) PER STANDARD SPECIFICATIONS, SECTION 308.2.
12. SEWERS TO BE **INSPECTED AND LEAKAGE TESTED IN SECTION AS A WHOLE WITH A MINIMUM AND SPECIAL APPARATUS**
13. IMPERVIOUS PLASTIC TARPAULINS OR SIMILAR MATERIALS SHALL BE USED IN AREAS TO MEET **L.A. COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS** WHEN IN ALL CONCRETING IS DONE IN THE RAINS.
14. FUEL TANK RANGE IN THE WET SEASON OF THE **STD. SPECIFICATIONS** ALL THE STRUCTURES FOR BACKFILLING IN STREETS PERMITS SHALL BE COMPACTED BY MECHANICAL METHODS AND NOT BY FLOODING OR JETTING. ALL TESTING AND INSPECTION SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF WORK ACCEPTANCE.
15. SPECIAL BACKFILL IS REQUIRED IN EXISTING OR FUTURE PAVED STREETS, THE MATERIAL SHALL BE APPROVED BY THE **DEPT. OF PUBLIC WORKS** AND SHALL BE COMPACTED BY MECHANICAL METHODS AND NOT BY FLOODING OR JETTING. ALL TESTING AND INSPECTION SHALL BE PROVIDED BY THE CONTRACTOR PRIOR TO THE ISSUANCE OF A CERTIFICATE OF WORK ACCEPTANCE.
16. **LAND DEVELOPMENT** ON THE PLANS SHALL NOT CHANGE THE FLOW LINE OF THE EXISTING SEWER MANHOLE IN ANY MANNER. ANY DAMAGE TO THE EXISTING SEWER MANHOLE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE

P.C. 10462-D PAGE 3
REVIEWED BY: [illegible] DATE: 1-8-88

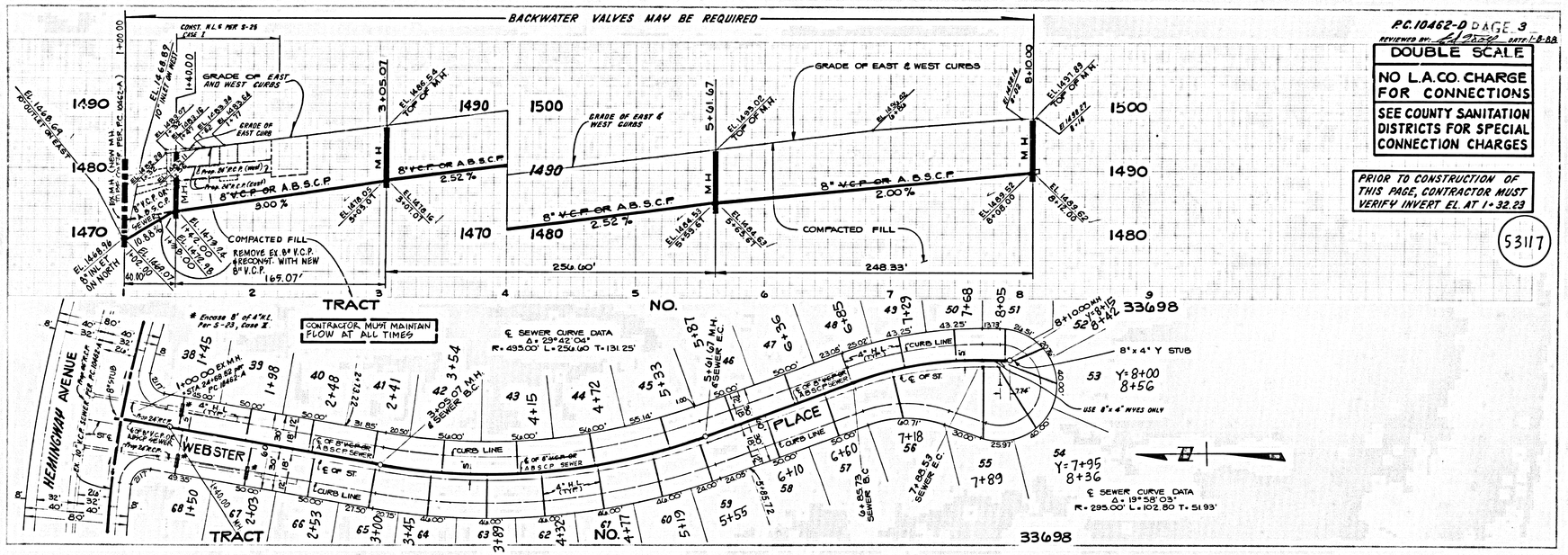
DOUBLE SCALE

NO L.A.CO. CHARGE FOR CONNECTIONS

SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+32.23

53117




P.C. 10462-D PAGE 4
REVIEWED BY: [illegible] DATE: 1-8-88

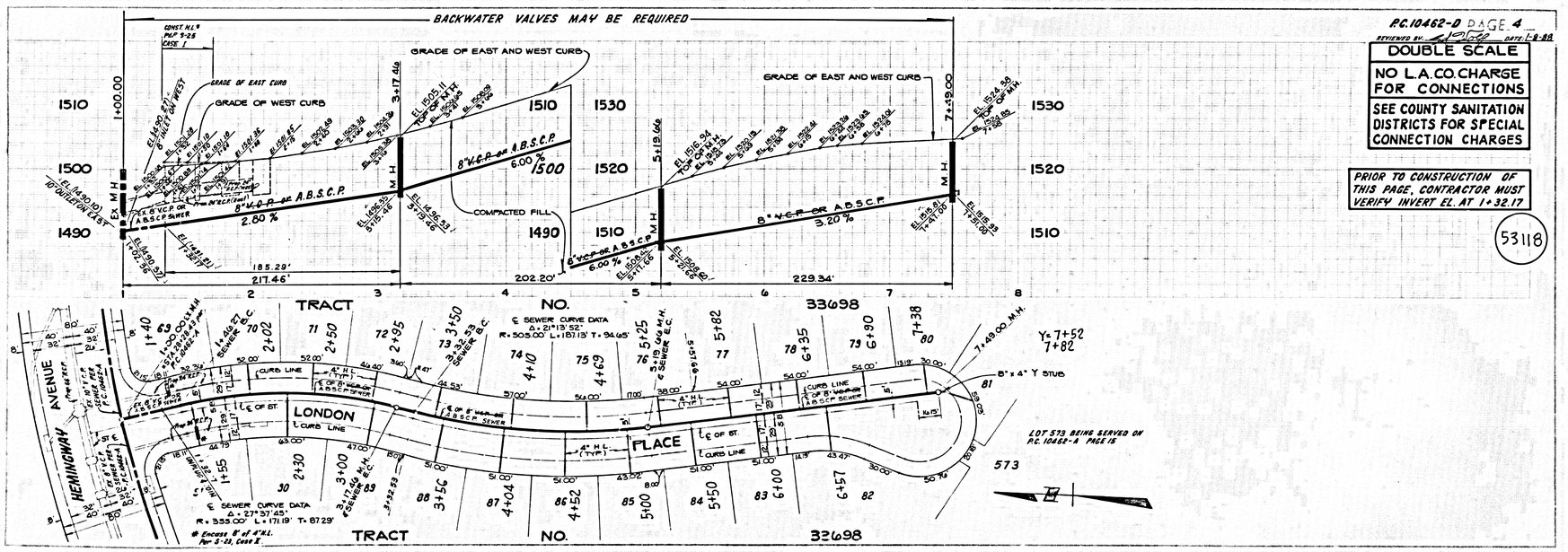
DOUBLE SCALE

NO L.A.CO. CHARGE FOR CONNECTIONS

SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+32.17

53118



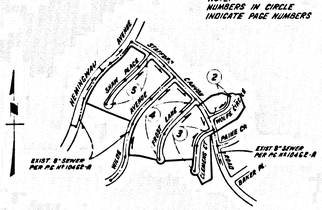

P.C. 10462-D (S)
TRACT No. 33698

B.M. CL 3960 ELEV 1262.866

ROBM. TAG IN CONC. BASE OF EDISON PP
@1923.40 OE 60FT S & 67FT E C/L MT
LYONS AVE & WILEW CN RD

NEWHALL QUAD 79 83

NOTE:
NUMBERS IN CIRCLE
INDICATE PAGE NUMBERS




INDEX MAP
TRACT Nº 33698
P.C.Nº 10462-E
Scale: 1" = 600'

DOUBLE SCALE

## CONSTRUCTION NOTES: (cont)

16. WYE BRANCHES SHALL NOT BE USED FOR CONNECTIONS TO MAIN LINE SEWER IN C.B.S. & E.S.P.S.
17. ALL JOINT BETWEEN CAST IRON PIPE AND A.B.S.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
18. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE AND A.B.S. SOLID WALL HOUSE LATERALS.
19. MANHOLE WATER STOP GASKETS AND FRAME ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO MANHOLE STRUCTURES.
20. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND HOUSE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MANHOLE COVER WYE.
21. 3" DEBRIS DEFLECTOR GRATES ARE REQ'D. WHEN USING 8" A.B.S. COMPOSITE PIPE. IF SLOPE IS LESS THAN 20% WHEN USING 8" A.B.S. COMPOSITE PIPE.
22. A.B.S. COMPOSITE PIPE SHALL BE REJOINED IN ACCORDANCE WITH THE TABLE IN SECTION 4.2.2. OF PART IV OF SPECIAL PROVISIONS.

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.

LOTS 571, 572 & 575 ARE OPEN SPACE LOTS RESTRICTED TO NO CONSTRUCTION AND WILL NOT BE SERVED BY THIS SEWER.

ISSUE NO HOUSE LATERAL PERMITS UNTIL OUTLET SEWERS P.C. 10445 & P.C. 10462A ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF L.A.

## GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE U.S.C. & G.S. SEA LEVEL DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THESE PLANS EXCEPT BY THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS WILL SURVEY OR LAY OUT ANY PORTION OF THE WORK.
4. GRADES TO WHICH THE IMPROVEMENTS TO BE CONSTRUCTED ARE TO BE SHOWN ON PLANS AND PROFILES. GRADE POINTS SHOWN ON PROFILE (INVERT, LINE OF CURB, TOP OF CURB, ETC.) ARE THE ONLY GRADE POINTS TO BE USED IN CONSTRUCTING THE IMPROVEMENTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE DEPT. OF PUBLIC WORKS WITH GRADE SHEETS AND STAKEMENT FOR ALL HOUSE LATERALS AS REQUIRED BY THE CONSTRUCTION DIVISION OF THE DEPT. OF PUBLIC WORKS.
6. NO HOUSE LATERAL SHALL BE CONSTRUCTED IN A STREET IN SUBDIVISION UNTIL NOTICE AT ALL INSPECTIONS HAS BEEN GIVEN TO THE CONSTRUCTION DIVISION OF THE L.A. CO. DEPT. OF PUBLIC WORKS, DISTRICT OFFICE #2 E, AND PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 3003 FREMONT AVE. ALHAMBRA, CA. 91803 - 6TH FLOOR.
7. ANY CHANGE IN ALIGNMENT SHALL BE REQUESTED IN WRITING BY THE PRIVATE ENGINEER.
8. THE PRIVATE ENGINEER SHALL FURNISH THE BOTTOM ELEVATION AT THE PROPERTY LINE BOTTOM ELEVATION FOR EACH HOUSE LATERAL IN THE GRADE SHEET.
9. BEFORE ANY WORK IS STARTED, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE CONSTRUCTION DIVISION OF THE L.A. CO. DEPT. OF PUBLIC WORKS, DISTRICT OFFICE #2 E, 900 PAY A FEE TO THE DIRECTOR OF PUBLIC WORKS, 3003 FREMONT AVE. ALHAMBRA, CA. 91803 - 6TH FLOOR.
10. 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.
11. APPROVAL OF THE PLANS BY THE COUNTY ENGINEER AND/OR ENTRY NOT CONSTITUTE A REPRESENTATION AS TO THE ACCURACY OF THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES, OR AS TO UNDERGROUND UTILITIES NOT SHOWN THEREON. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL SUCH UTILITIES AND TAKE SUCH PRECAUTIONARY MEASURES AS MAY BE NECESSARY TO PROTECT THEM FROM DAMAGE.
12. REFER TO SECTION 7.7 OF THE STANDARD SPECIFICATIONS REGARDING SAFETY ORDERS.
13. BEFORE THE START OF THE WORK, THE CONTRACTOR SHALL OBTAIN A PERMIT FROM THE DEPT. OF PUBLIC WORKS' OFFICE OF A PERMIT TO EXCAVATE IN COUNTY STREETS FROM THE ROAD DIVISION AT THE DEPT. OF PUBLIC WORKS, CONSTRUCTION DIVISION, 900 S. FREMONT AVE. ALHAMBRA, CA. 91803 - 6TH FLOOR. NORMAL ALLOWABLE CERTIFICATE TIME IS 10 DAYS.

## CONSTRUCTION NOTES:

1. ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (THE "GREENBOOK") WITH ADDENDA THERETO, AND THE 1988 EDITION WITH 1988 SUPPLEMENT) S. DEPT. OF PUBLIC WORKS' SPECIAL PROVISIONS FOR THE CONSTRUCTION OF SANITARY SEWER DATED SEPT. 19, 1978 AND ANY SUPPLEMENTS THERETO, AS ADOPTED AND AMENDED BY THE DIRECTOR OF PUBLIC WORKS.
2. THE CONTRACTOR SHALL NOTIFY ALL PUBLIC AND PRIVATE UTILITIES OWNING OR MAINTAINING FACILITIES WITHIN THE LIMITS OF THE WORK, INCLUDING BUT NOT LIMITED TO, THE TELEPHONE, GAS, ELECTRIC, WATER, AND TELEVISION CABLE COMPANIES, BY TELEPHONE, 818-338-3118 AT LEAST TWENTY-FOUR HOURS, BUT NOT MORE THAN FORTY-EIGHT HOURS, PRIOR TO BEGINNING WORK IN THE VICINITY OF THEIR FACILITIES.
3. HOUSE LATERALS TO BE CONSTRUCTED WITH INVERTS AT PROPERTY LINE 9 FEET BELOW CURB GRADE EXCEPT AS NOTED.
4. WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWERS UP TO 15" AS NOTED.
5. ALL STRUCTURES SHALL BE EITHER BRICK SEWER MANHOLES PER S-2 OR PRE-CAST CONCRETE MANHOLES PER S-26 EXCEPT AS NOTED.
6. PRIVATE STAKES IN THE PROPERTY LINE ON THE LOT'S SIDE OF ALL HOUSE LATERALS SHALL BE USED TO SET THE SLOPE AND LENGTH OF EACH MANHOLE.
7. MANHOLE TOPS IN UNIMPROVED AREAS OR WHERE TO BE SIX INCHES ABOVE FINISHED GRADE.
8. VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE (S) OR (T) PER STANDARD SPECIFICATIONS SECTION 208.2.
9. A MINIMUM HOUSE LATERAL SHALL BE THREE FEET OF THE SEWER THAT SIZE AND SHALL BE ENCASED PER S-25 CASE I TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
10. IF DEPTH OF COVER OVER LATERAL OR MAIN AT PROPERTY LINE IS LESS THAN FIVE FEET OR EXCEEDS TEN FEET, THE TOP OF A MANHOLE OR A VERTICAL SEWER RISER SHALL BE INDICATED AT THE PROPERTY LINE. THE PIPE SHALL BE ENCASED PER S-25 CASE I UNLESS CLOTHING IS APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
11. ALL SUPPLEMENTAL DETAILS FOR ALL MATERIALS AND WORK SHALL BE WITH RUBBER SLEEVE JOINT TYPE CONFORMING WITH ASTM DESIGNATION C-425 AND C-443 AND WITH RUBBER GASKET TYPE CONFORMING WITH ASTM DESIGNATION C-361.
12. SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 306.4 OF THE STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
13. WHERE ANY PORTION OF WORK SHALL BE WITHIN AREAS TO BE ACCEPTED BY COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE FOLLOWING:
14. FULL COMPLIANCE WITH SECTION 306.1.3 OF THE STANDARD SPECIFICATIONS AS TO INSPECTION, TESTING, CENTERLINE GRADE STAKING, ETC. WHERE ANY QUALITY CONTROL TESTING OR LABORATORY ANALYSIS IS REQUIRED BY THE PLANS, PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL OR FINAL COMPLETION, SUCH TESTING OR LABORATORY ANALYSIS SHALL BE PERFORMED BY AN INDEPENDENT TESTING LABORATORY APPROVED BY THE DIRECTOR OF PUBLIC WORKS.
15. SPECIAL BATTERY IN FAVORITE CONSTRUCTION AT SURFACE TRAFFIC INTERFACE SHALL BE PERFORMED AS TO AVOID UNNECESSARY INTERFERENCE WITH PUBLIC TRAFFIC. ALL SUCH WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 7-10 OF THE LAND DEVELOPMENT DIVISION, BUILDING AND LAND AND EARTHWORK ORDINANCE, AND ANY AMENDMENTS THERETO.
16. ALL MATERIAL TESTS, METHODS OF TEST OR RESULT OF ANALYSIS SHALL BE SUBMITTED TO THE CONSTRUCTION DIVISION - PUBLIC WORK DEPT. A REASONABLE CERTIFICATION OF SUCH CERTIFICATION SHALL BE ACCEPTABLE.

PROFILE, ALIGNMENT AND GRADE OF PAGE 1

# SANITARY SEWERS

TO BE CONSTRUCTED IN

## TRACT Nº 33698

PRIVATE CONTRACT NO. 10462-E

INDEX A-42

3 SHEETS, 3 PAGES

SCALE: HORZ. 1"=40' VERT. 1"=4' DECEMBER 1988

PREPARED IN THE OFFICE OF
ENGINEERING SERVICE CORPORATION
CIVIL ENGINEERS · LAND SURVEYORS · PLANNERS
COVINA · SAN LUIS OBISPO · PALM DESERT

BY J. K. Manville
REG. C.E. No. 7095

THE FOLLOWING LATEST APPROVED STANDARD PLANS ON FILE IN THE OFFICE OF THE COUNTY ENGINEER SHALL APPLY IN THE CONSTRUCTION OF THIS PROJECT:

| | COUNTY |
|---|---|
| LEGEND | S-1 |
| MINIMUM CONSTRUCTION REQUIREMENTS | S-2 |
| SEWER MANHOLE | S-3 |
| STANDARD MANHOLE STEP | S-17 |
| BEDDING FOR SEWER PIPE | S-21 |
| CRADLING AND ENCASEMENT | S-23 |
| WYE OR TEE BRANCH | S-24 |
| ALLOWABLE DEFLECTION | S-25 |
| CONCRETE MANHOLE FRAME AND COVER | S-27 |
| NON-REINFORCED REINFORCED CONCRETE SEWER MANHOLE | S-36 |
| SPECIAL HOUSE LATERAL | S-26 |

COUNTY OF LOS ANGELES, CALIFORNIA
THOMAS A. TIDEMANSON, DIRECTOR OF PUBLIC WORKS · CHARLES M. HARRY, CHIEF ENGINEER

CO. SAN DIST. NO. 32

APPROVED: Dean Efstathiou 2-1-88
CHECKED: Sanjiv G. Bhalla 1-11-88
APPROVED: Jan A Carr for 2/1/88

REG. C.E. NO. 33134

SANTA CLARITA VALLEY BLDG. DIST. #2

53110

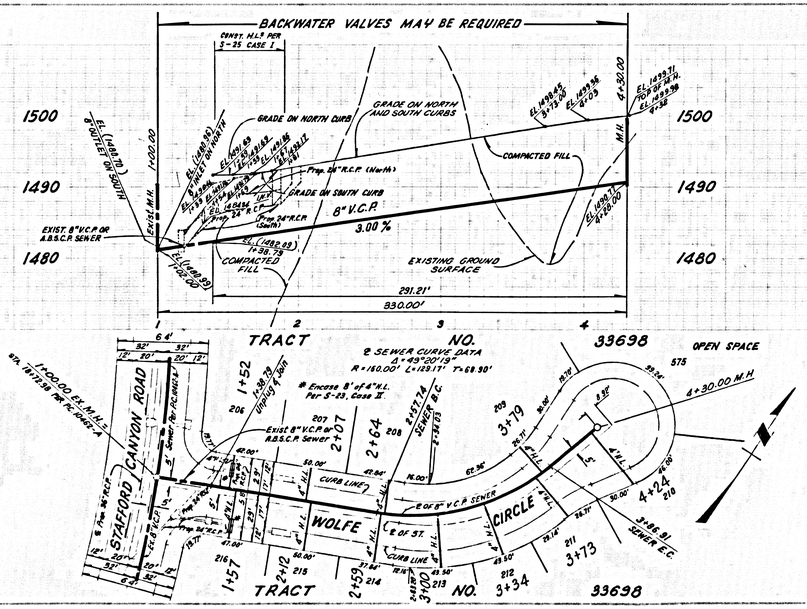
P. C. 10462-E PAGE 2

REVIEWED BY: [illegible] DATE: 1-8-88

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+38.79

53111




TRACT NO 33698 P.C. NO 10462-E

P.C. 10462-E PAGE 3
REVIEWED BY: [signature] DATE: 1-8-88

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+51.15

53112




P.C. 10462-E PAGE 4
REVIEWED BY: [signature] DATE: 1-8-88

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+48.77

53113

TRACT NO 33698 P.C. 10462-E (5)

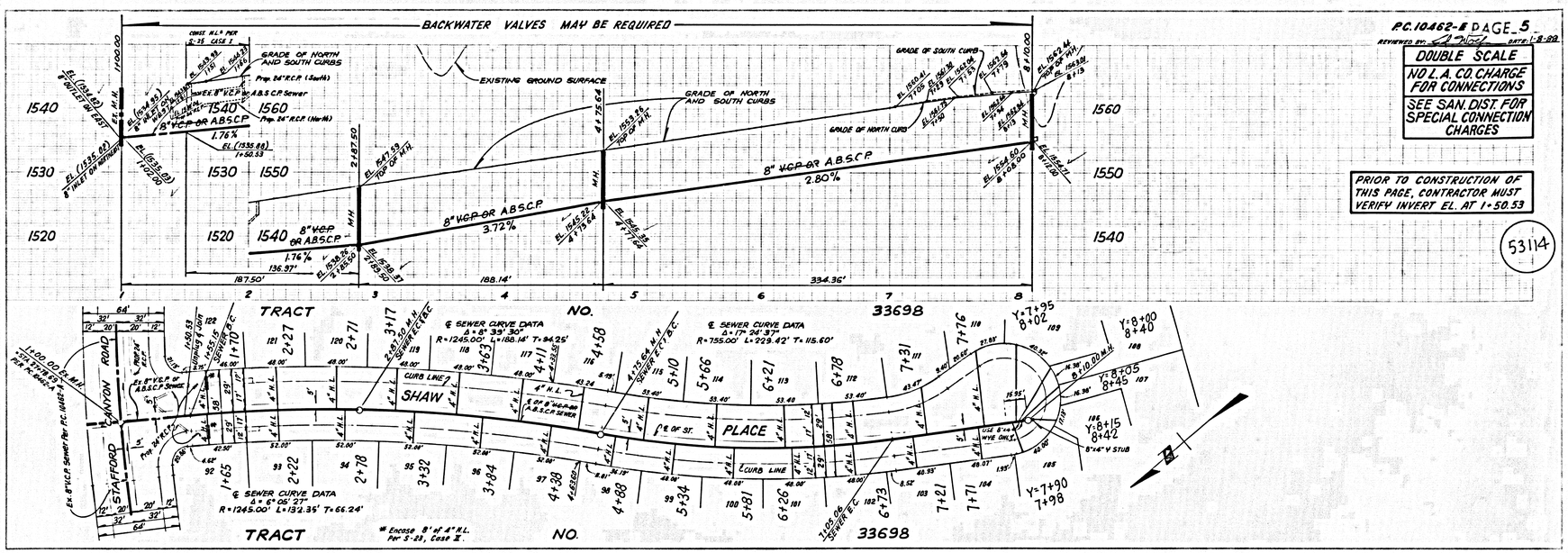
P.C. 10462-E PAGE 5

REVIEWED BY: [illegible] DATE: 1-8-89

DOUBLE SCALE
NO L.A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+50.53

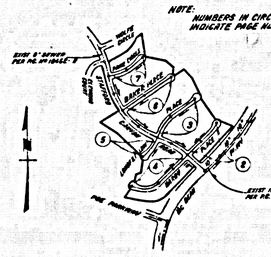
53114




PAGE

B.M. CL 3960 ELEV. 1262.866
BRASS TAG IN CONC BASE AT EDISON R/W "TIE" STA. 607+66.6 SCI'F'E C/L WT LYONS AVE & WILEY CANYON RD
NEWHALL QUAD. 1983

NOTE: NUMBERS IN CIRCLES INDICATE PAGE NUMBERS.


SEE 'A' DETAIL PER PAGE 7
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INDEX MAP
TRACT NO 33698
P.C. NO. 10462-F
Scale: 1"=600'

DOUBLE SCALE

## CONSTRUCTION NOTES: (CONT.)

12. WYE BRANCHES ONLY MAY BE USED FOR CONNECTIONS TO MAIN LINE SEWER IF A.B.S.D.P. IS USED.
13. ALL JOINT BETWEEN CAST IRON PIPE AND R.S.S.C.P. SHALL BE MADE WITH APPROVED FITTINGS.
14. FULL COMPLIANCE WITH PART IV OF THE SPECIAL PROVISIONS IS REQUIRED FOR THE INSTALLATION OF A.B.S. COMPOSITE PIPE AND A.B.S. SOLID WALL HOUSE LATERALS.
15. MANHOLE WATER STOP GASKETS AND CLAMPS ARE REQUIRED FOR THE CONNECTION OF A.B.S. COMPOSITE PIPE TO DRAINAGE STRUCTURES.
20. A.B.S. SOLID WALL PIPE MUST BE USED FOR WYE AND NOISE LATERAL CONNECTIONS TO A.B.S. COMPOSITE MAINLINE SEWER PIPE.
21. A SQUARE DEFLECTION COUPLER ARE REQ'D — — — IN RADIUS OF CURVATURE LESS THAN 300', WHEN USING A.B.S. COMPOSITE PIPE.
22. A.B.S. COMPOSITE PIPE SHALL BE BEDDED IN CONFORMANCE WITH THE TABLE IN SECTION 2-2.1 OF PART IV OF SPECIAL PROVISIONS.

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.

LOTS 569, 570, 575, 576 AND 579 ARE OPEN SPACE LOTS RESTRICTED TO NO CONSTRUCTION AND WILL NOT BE SERVED BY THIS SEWER.

ISSUE NO HOUSE LATERAL PERMITS UNTIL OUTLET SEWERS P.C.10445 & P.C.10462A ARE ACCEPTED FOR PUBLIC USE BY THE COUNTY OF L.A.

## GENERAL NOTES:

1. ELEVATIONS ARE IN FEET ABOVE M.S.L. DATUM OF 1929.
2. NO REVISIONS SHALL BE MADE IN THE SPEARS WITHOUT THE APPROVAL OF THE DIRECTOR OF PUBLIC WORKS.
3. NO REPRESENTATIVE OF THE DEPT. OF PUBLIC WORKS WILL 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 POINTS OF CURVE, CENTER LINE OF STREETS, OR CENTER LINE OF ALLEYS ARE SHOWN BY CIRCLES ON PROFILES. AT ALL POINTS BETWEEN DESIGNATED POINTS THE GRADE SHALL BE ESTABLISHED AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGNATED POINTS.
5. THE PRIVATE ENGINEER SHALL FURNISH THE CONTR. OF PUBLIC WORKS WITH GRADE SHEETS AND STAKING FOR ALL HOUSE LATERALS AND 10' OFFSETS BRANCHES AND SHALL PROVIDE — — —

PC. 10462-F PAGE 2
DOUBLE SCALE
NO L.A.CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES
PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+40.00
52950
BACKWATER VALVES MAY BE REQUIRED
8" V.C.P. OR A.B.S.C.P.
3.00%
2.20%
COMPACTED FILL
EXISTING GROUND SURFACE
TRACT NO. 33698
STAFFORD CANYON ROAD
HARDY PLACE
OPEN SPACE
℄ SEWER CURVE DATA
R=218.66' L=246.88' T=133.57'
Y=5+63
5+83


PC. 10462-F PAGE 3
DOUBLE SCALE
NO L.A.CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES
PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+40.00
52951
BACKWATER VALVES MAY BE REQUIRED
8" V.C.P. OR A.B.S.C.P.
3.68%
5.20%
COMPACTED FILL
EXISTING GROUND SURFACE
TRACT NO. 33698
STAFFORD CANYON ROAD
LONGFELLOW PLACE
OPEN SPACE
℄ SEWER CURVE DATA
Δ=29°30'20"
R=255.00' L=131.32' T=67.15'

P.C. 10462-F PAGE 4
REVIEWED BY: [illegible] DATE: 1-8-58

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+50.00

BACKWATER VALVES MAY BE REQUIRED

GRADE OF NORTH CURB

EXISTING GROUND SURFACE

GRADE OF NORTH AND SOUTH CURBS

COMPACTED FILL

GRADE OF SOUTH CURB

8" VCP OR ABS.C.P. 1.68%

307.61'

IDENTICAL

8" VCP OR ABS.C.P. 1.28%

212.39'

8" VCP OR ABS.C.P. 1.88%

160.00'

210.00'

CONST. N.L.S PER S-25 CASE 1

GRADE OF NORTH CURB

GRADE OF SOUTH CURB

ENCASE AS NOTED BELOW

DOUBLE SCALE
NO L. A. CO. CHARGE FOR CONNECTIONS

SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

52952

OPEN SPACE 563

TRACT NO. 33698

℄ SEWER CURVE DATA
Δ = 58°10'41"
R = 195.00' L = 198.00' T = 108.49'

8+30.00 M.H.
V=8.25
8+50.358
Use 8"x6" Wye Only

CURB LINE
6" or 8" R.C.P. or ABS.C.P. SEWER

HARDY PLACE

℄ of ST.

IDENTICAL POINTS

CANYON ROAD

STAFFORD PLACE

11+00.00 M.H.

℄ Encase 8" of 4" I.L. Per S-25, Case II.

P.C. 10462-F PAGE 5
REVIEWED BY: [illegible] DATE: 1-8-58

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL. AT 1+50.00

DOUBLE SCALE
NO L. A. CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

52953

BACKWATER VALVES MAY BE REQUIRED

CONST. N.L.S PER S-25 CASE 1

GRADE OF NORTH AND SOUTH CURBS

EXISTING GROUND SURFACE

GRADE OF SOUTH CURB
GRADE OF NORTH CURB

COMPACTED FILL

8" VCP OR ABS.C.P. 3.96%

210.00'

260.00'

TRACT NO. 33698

℄ SEWER CURVE DATA
Δ = 17°41'28"
R = 395.00' L = 121.96' T = 61.47'

OPEN SPACE 570

LONGFELLOW PLACE

℄ of ST.

CANYON ROAD

STAFFORD PLACE

11+00.00 M.H.

℄ Encase 8" of 4" I.L. Per S-25, Case II.

TRACT NO 33698 M.R. 1045-2




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REVIEWED BY [signature] DATE 1-8-58

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL AT 1+41.47

DOUBLE SCALE
NO L.A.CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

52954




R.C. 10462-F PAGE 7
REVIEWED BY [signature] DATE 1-8-58

PRIOR TO CONSTRUCTION OF THIS PAGE, CONTRACTOR MUST VERIFY INVERT EL AT 1+40.00

DOUBLE SCALE
NO L.A.CO. CHARGE FOR CONNECTIONS
SEE SAN. DIST. FOR SPECIAL CONNECTION CHARGES

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WOLFE CIRCLE