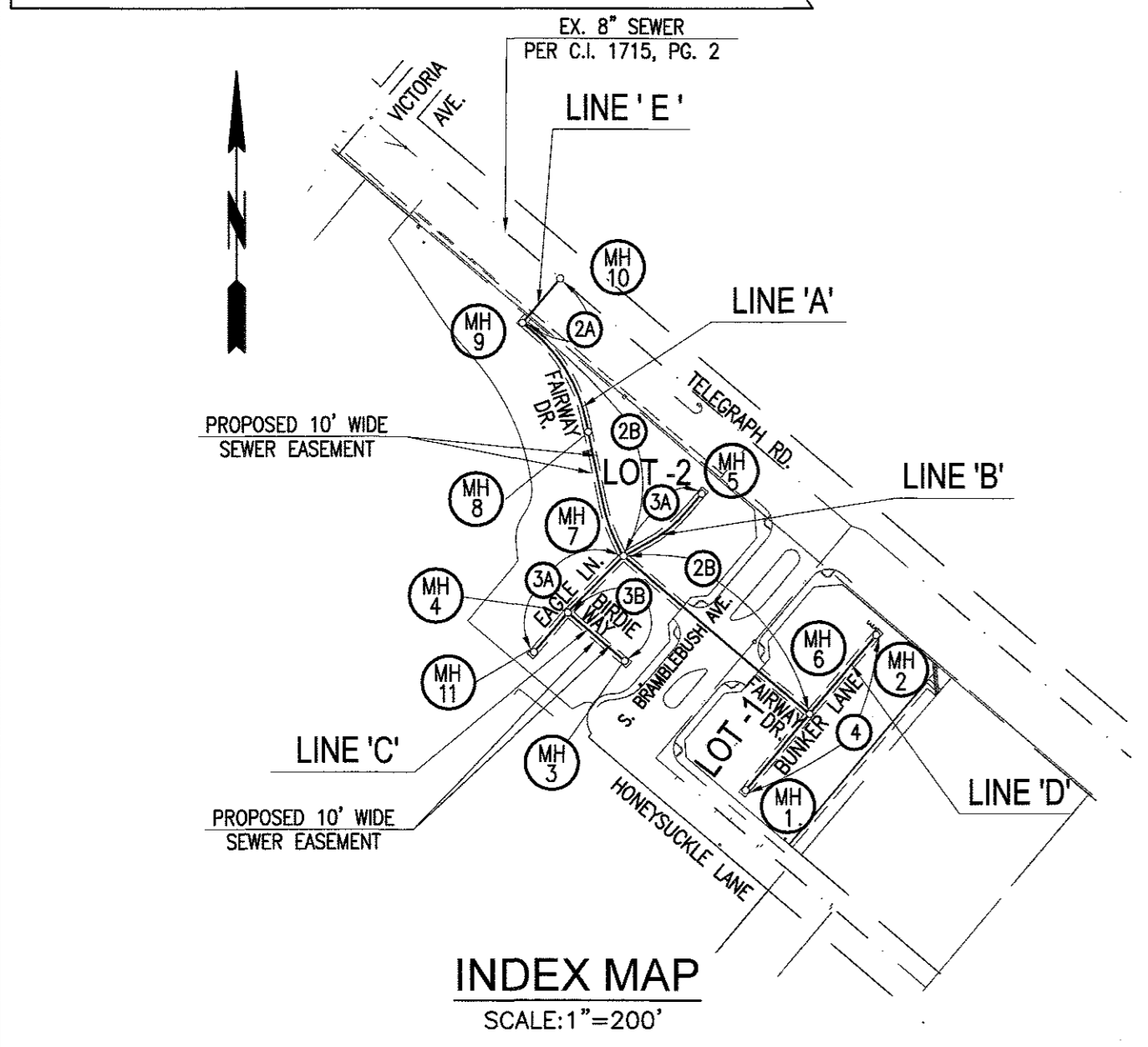


BENCH MARKS
 BENCHMARK NO. Y 6681 L.A. COUNTY PUBLIC WORKS L&T IN SWLY C.B. RET. 3M ELY/O BCR 16.5M WLY C/L COLINA RD & 12.8M SLY/O C/L TELEGRAPH ROAD ELEVATION = 189.416 FT (NAVD 1986 DATUM - ADJUSTED 2005)

Per Title 20.24.140 of LA County Code, obstructing access to sewer facilities is prohibited. No object difficult to remove shall be located over the sewer easement(s) as to interfere with ready access to sewer facilities.

- A. NOTES:**
- Every effort should be made to eliminate the discharge of non-stormwater from the project site at all times.
 - Eroded sediments and other pollutants must be retained on-site and may not be transported from the site via sheet flow, swales, area drains, 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 listing 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 disposal 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 deposits must be swept up immediately and may not be washed down or blown by 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 BMPs as outlined in, but not limited to, the latest edition of the California BMP Handbook (Construction) or Caltrans Stormwater Quality Handbooks (Construction Site BMP Manual), may apply during the construction of this project (additional measures may be required if deemed appropriate by the Project Engineer or the Building Official).

- B. STANDARD PLANS:**
- The following latest revised standard plans on file in the office of the following department shall apply in the construction of this project.
- LOS ANGELES COUNTY DEPARTMENT OF PUBLIC WORKS
 Legend for sanitary sewer plans and profiles and district maps.
- | | | |
|--------|--------|--|
| 2000-0 | 2021-1 | Bedding for sewer pipe. |
| 2002-1 | 2023-2 | Cradling and encasement. |
| 2003-2 | 2024-1 | WYE or TEE support. |
| 2004-1 | 2026-1 | Erosion protection in steep slopes. |
| 2014-1 | 2027-1 | Allowable trench widths. |
| 2015-1 | 6008-1 | Minimum public safety requirements. |
| | 2100-1 | Requirements for sanitary sewers near water mains. |
- STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPWVC)**
- | | | |
|-------|-------|---------------------------------------|
| 200-3 | 220-3 | Chimneys |
| 204-2 | 221-2 | Pipe anchors and backfill stabilizers |
| 207-2 | 222-2 | House connection sewer |
| 208-2 | 223-2 | House connection remodeling |
| 210-3 | 225-2 | Blanket protection for pipes |



BUILDING AND SAFETY DISTRICT OFFICE: SOUTH WHITTIER SCALE: 1" = 200' or 300' CSM INDEX 2129
 NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER P.C. 12214 TR. NO. 72684
 ALL MAINLINE SANITARY SEWERS ARE WITHIN THE SANITARY SEWER EASEMENT (IF APPLICABLE) THOMAS GUIDE PAGE: PG. 707 -D6

AS-BUILT DATED 06-11-2020

COUNTY SANITATION DISTRICTS (CSD) NOTES:

- No connection for the disposal of industrial wastes shall be made to sewers shown on these plans until a permit for industrial waste water discharge has been issued by CSD for said connection.
- Prior to final acceptance of the project, notify the CSD superintendent of maintenance at (310) 638-1161 to report completion of this local sewer that indirectly discharges into the CSD sewer system.

NOTICE TO CONTRACTOR:

The developer shall be responsible for the continued maintenance of PC 12214 sanitary sewer until the County formally accepts it for maintenance. All mainline, manholes and laterals shall be protected from damage and infiltration.

Existing sewer system shall be operational at all times during construction/reconstruction. Notify affected homeowners at least 72 hours in advance.



BWV BACKWATER VALVES SHALL BE NECESSARY FOR LOTS/BUILDING UNITS 1 TO 54

SEWER VIDEO OF ALL SEGMENTS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE (95%) AND COMPLETED FIELD ACCEPTANCE (98%). FINAL MAP AND AS-BUILT SEWER PLANS SHALL BE SUBMITTED PRIOR TO PARTIAL FIELD ACCEPTANCE.

SEWER LATERALS SHOWN ON PLANS ARE FOR REFERENCE ONLY.

- PRIVATE CONTRACT SEWER GENERAL NOTES:**
- A sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the County of Los Angeles Department of Public Works at the Permit Counter, 500 South Fremont Avenue, 3rd Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as road excavation, Caltrans, etc., must be filed with the permit application.
 - When work is within a contract city, a sewer construction permit shall be obtained and a fee paid for construction inspection and record plans to the City. The contractor must contact the Director of Public Works of that City to determine the location to pay the inspection fees.
 - Prior to issuance of any permit, the contractor shall file a permit for excavations and trenches from the State of California Division of Industrial Safety, and a Certificate of Worker's Compensation Insurance with the Department of Public Works named as the Certificate Holder or both as applicable. The County of Los Angeles Department of Public Works shall be notified 30 days prior to cancellation of the insurance policy.
 - If work is 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.
 - The contractor shall contact the district office listed on the "Application for Construction Permit" to arrange for an acceptable construction start date.
 - Approval of this plan by the County of Los Angeles Department of Public Works does not constitute a representation as to accuracy of the location of the existing or proposed location of any underground utility pipe or structure within the limits of this project. This note applies to all pages.
 - All work shall be in accordance with the latest approved edition of the "Standard Specifications for Public Works Construction" including supplements (if there is any), the latest "Additions and Amendments to the Standard Specifications for Public Works Construction", and shall be preceded only in the presence of the County of Los Angeles Department of Public Works.
 - The contractor's attention is directed to Section 7-10.4.2 of the "Standard Specifications for Public Works Construction" in regard to safety orders and shall conform to the "Minimum Public Safety Requirements" as shown on County of Los Angeles Department of Public Works Standard Plan No. 6008-1.
 - Elevations are in feet above U.S.C. and G.S. sea level datum of 1985.
 - No revisions shall be made in these plans without the approval of the County of Los Angeles Department of Public Works.
 - No representative of the County of Los Angeles Department of Public Works will survey or layout any portion of the work.
 - Grades to which this improvement is to be constructed are shown on plans and profiles. Grade point for top of curbs, centerline of streets, or centerline of alleys, is shown by circles on profiles at all points between said design points. The grade shall be established so as to conform to a straight line drawn between said design points.
 - The private engineer shall furnish the County of Los Angeles Department of Public Works with grade sheets and stationing for all house laterals and all manholes and laterals. All manholes and 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 degrees with the L sewer. All lateral 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.
 - An approved backwater valve is required when the pad is lower in elevation than the top of the next upstream manhole.
 - Contact Environmental Programs Division for an Industrial Waste Discharge Permit at (626) 458-3517.

- CONSTRUCTION NOTES:**
- Provide survey stakes on the property line or property lines produced at right angles to the sewer line at the centerline of each manhole.
 - Verified clay pipe joints shall be type "D" or "G" per "Standard Specifications for Public Works Construction" Section 208-2.
 - If a goyar pipe is within three feet of the sewer, the sewer shall be encased, per LACDPW Standard Plan 2023-2, Case II, two feet on each side from a point of interference.
 - All joints between cast-iron pipe and vitrified clay shall be made with a rubber sleeve joint, type "D" (with bushing if necessary), per "Standard Specifications for Public Works Construction" Section 208-2.
 - House laterals to be constructed with inverts at the property line 6 feet below curb grade except as noted.
 - Wye or tee branches may be used for connections to the mainline sewers except as noted.
 - If during the course of construction it is determined that there is less than four feet of cover over the top of a mainline or house lateral V.C.P. sewer, which is not encased, the contractor shall encase the sewer with precast concrete sewer manholes per LACDPW Standard Plan 2003-2, Case II, unless otherwise approved by the County of Los Angeles Department of Public Works.
 - All structures shall be either brick sewer manholes per LACDPW Standard Plan S-3 (SPWVC 203-2), or precast concrete sewer manholes per LACDPW Standard Plan S-36 (SPWVC 200-3), or reinforced precast manhole per LACDPW Standard Plan 2003-2, except as noted.
 - Resurface all trenches within paved areas to meet Department of Public Work or California State Highway requirements in accordance with the permits.
 - Full compliance with Section 208-1.3 of the "Standard Specifications for Public Works Construction" will be required for backfill in street, Containment of backfill, compaction, and sand equivalents by a qualified Civil Engineer shall be provided by the permittee prior to the issuance of a Certificate of Partial Acceptance.
 - All backfills and fills outside of the street right of way shall be compacted to 90 percent of the maximum density as determined by ASTM Soil Compaction Test D 1557-76, Method "D", unless otherwise specified. This shall be certified by a qualified Civil Engineer. This certification shall be submitted to the Land Development Division, Permit Section of the County of Los Angeles Department of Public Works.
 - Manhole tops in unimproved rights of way to be six inches above finished grade.
 - Sewers to be tested for leakage per Section 306-1.4 of the "Standard Specification for Public Works Construction" and "Special Provisions for the Construction of Sanitary Sewer" if applicable.
 - Manhole tops in improved rights of way to be level with finished grade.
 - All wyes and/or house laterals are to be located at least 5 feet apart, and when possible, not closer than 5 feet to any manhole.
 - All pipe materials shall be extra strength vitrified clay pipe or ductile iron pipe or other approved materials by the County of Los Angeles Department of Public Works.
 - All ductile iron pipe shall be lined with Procto 401 Ceramic Epoxy lining.
 - Cured in place pipe liner shall be used for all extra vitrified clay pipe if fitting is required.
 - All Chimneys shall have terminal cleanout structure per SPWVC std. plan 204-2.

Engineer/Surveyor's Statement Regarding the Presence of Monuments within project limits.

I hereby attest that I have located and referenced on these plans the monuments existing prior to construction to ensure perpetuation of their location in accordance with section 8771 of the Business and Professions Code; I further attest that I have performed a record search and field inspection to identify existing monuments; I shall not submit this plan, witness, and permanent monuments, and shall file the requisite record or record of survey of the references with the County surveyor.

Engineer/Surveyor Seal and Signature: *[Signature]*
 Date: 05/15/18

PROFILE, ALIGNMENT, AND GRADE OF SANITARY SEWERS PAGE 1
 TRACT NO. 72684
 ADDRESS FOR SINGLE LOT, PC NO. 12214
 2 SHEETS: 4 PAGES
 COUNTY OF LOS ANGELES CALIFORNIA
 CSM INDEX 2129

MARK PESTRELLA LA COUNTY DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION

BY: *[Signature]* 8/1/18 DATE
 ASSISTANT DIVISION ENGINEER
 SUBMITTED BY: *[Signature]* 7/31/18
 SEWER AND FINAL MAP/LANDSCAPING SUBDIVISION PLAN CHECKING SECTION DATE

COUNTY SANITATION DISTRICT NO. 18
 OF LOS ANGELES COUNTY, CALIFORNIA
 GRACE ROBINSON - HYDE, CHIEF ENGINEER AND GENERAL MANAGER

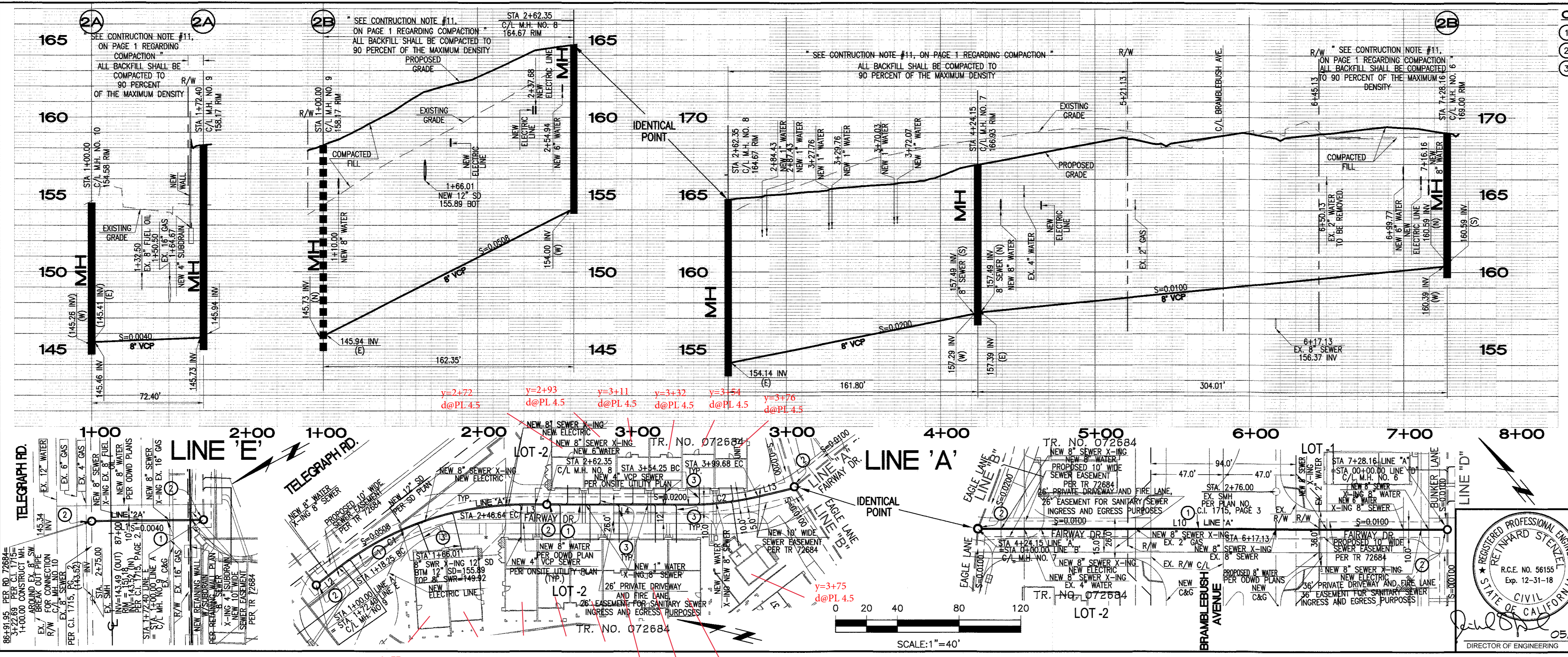
APPROVED BY: *[Signature]* DATE: 8/3/18
 GEORGE ENGINEERING COUNTER

**SEWER AS-BUILTS
 MKP CONSTRUCTION 9/9/19
 INSTALLED AS PER PLAN
 LESS INSTALLATION OF
 BACKWATER VALVES ON
 SEWER LATERALS /
 INSTALLED BY OTHERS**

PRIVATE ENGINEERS NOTICE TO CONTRACTORS:

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS IS REQUIRED BY A SEARCH OF 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 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 1-800-422-4133 TO VERIFY THE UNDERGROUND LOCATION OF GAS AND TELEPHONE LINES. THE CONTRACTOR SHALL ALSO CALL MR. RAY CLUMMINGS OF GENERAL TELEPHONE COMPANY AT 1-888-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

Engineer: *[Signature]* 56155 DATE: 05/15/18
 PROJECT ENGINEER RCE NO. DATE



CONSTRUCTION NOTES

- CONSTRUCT 8" VCP SEWER.
- CONSTRUCT SEWER MANHOLE PER S.P.P.W.C. STD. 200-3.
- CONSTRUCT 4" VCP SEWER LATERAL.

CURVE TABLE

CURVE #	DELTA	RADIUS	LENGTH	TANGENT
C1	37°55'15"	194.00'	128.39'	66.65'
C2	13°25'05"	194.00'	45.43'	22.82'

LINE TABLE

LINE #	LENGTH	BEARING
L1	72.40'	N 40°14'49" W
L2	18.25'	N 49°44'01" W
L3	15.71'	N 11°48'46" W
L4	91.90'	N 11°48'46" W
L10	304.01'	S 49°45'11" E
L13	24.47'	S 25°13'51" E

DOUBLE SCALE
 (when applicable)
 VERT. 1" = 4'
 HORIZ. 1" = 40'

AS-BUILT DATED 06-11-2020

BASIS OF BEARING

THE BEARINGS SHOWN HEREON ARE BASED ON THE BEARING N 49°44'00" W OF THE CENTERLINE OF TELEGRAPH ROAD (FORMERLY ANAHEIM TELEGRAPH ROAD) AS SHOWN ON RECORD OF SURVEY, AS PER MAP FILED IN BOOK 55, PAGES 48 AND 49, OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY.

NO.	REVISION	REVISED BY	APPROVED BY	DATE

TRACT NO. 72684 SANITARY SEWER PLANS IN PC NO. 12214

REVIEWED BY LAND DEVELOPMENT DIVISION
 BY: *[Signature]* DATE: 07/25/18
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

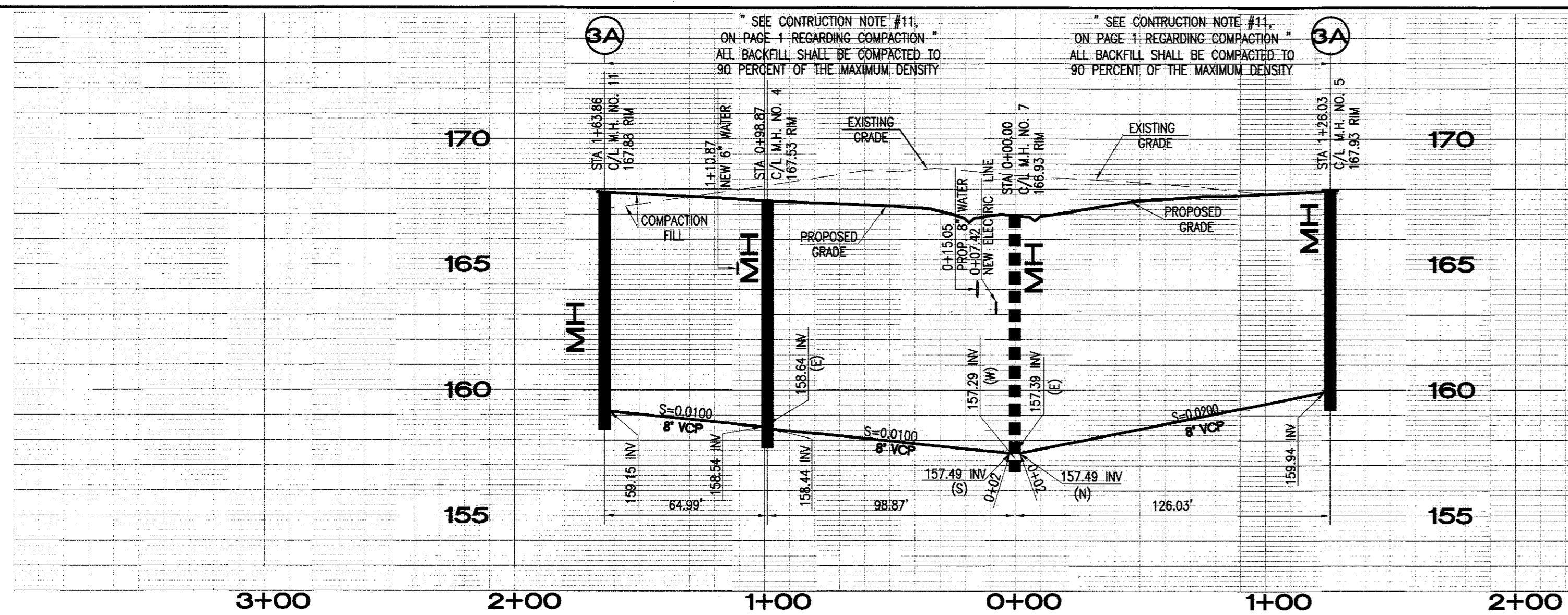
Thien Engineering, Inc.
 CIVIL ENGINEERING - LAND SURVEYING
 14349 FIRESTONE BOULEVARD
 LA MIRADA, CALIFORNIA 90638
 PH: (714) 521-4811 FAX: (714) 521-1173

REGISTERED PROFESSIONAL ENGINEER
 RETIRED
 STATE OF CALIFORNIA
 CIVIL
 R.C.E. NO. 56155
 Exp. 12-31-18
 DATE: 05/15/18
 DWG

NO LA COUNTY CHARGES FOR CONNECTION
SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
TEL (562) 908-4288 EX. 2727

SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

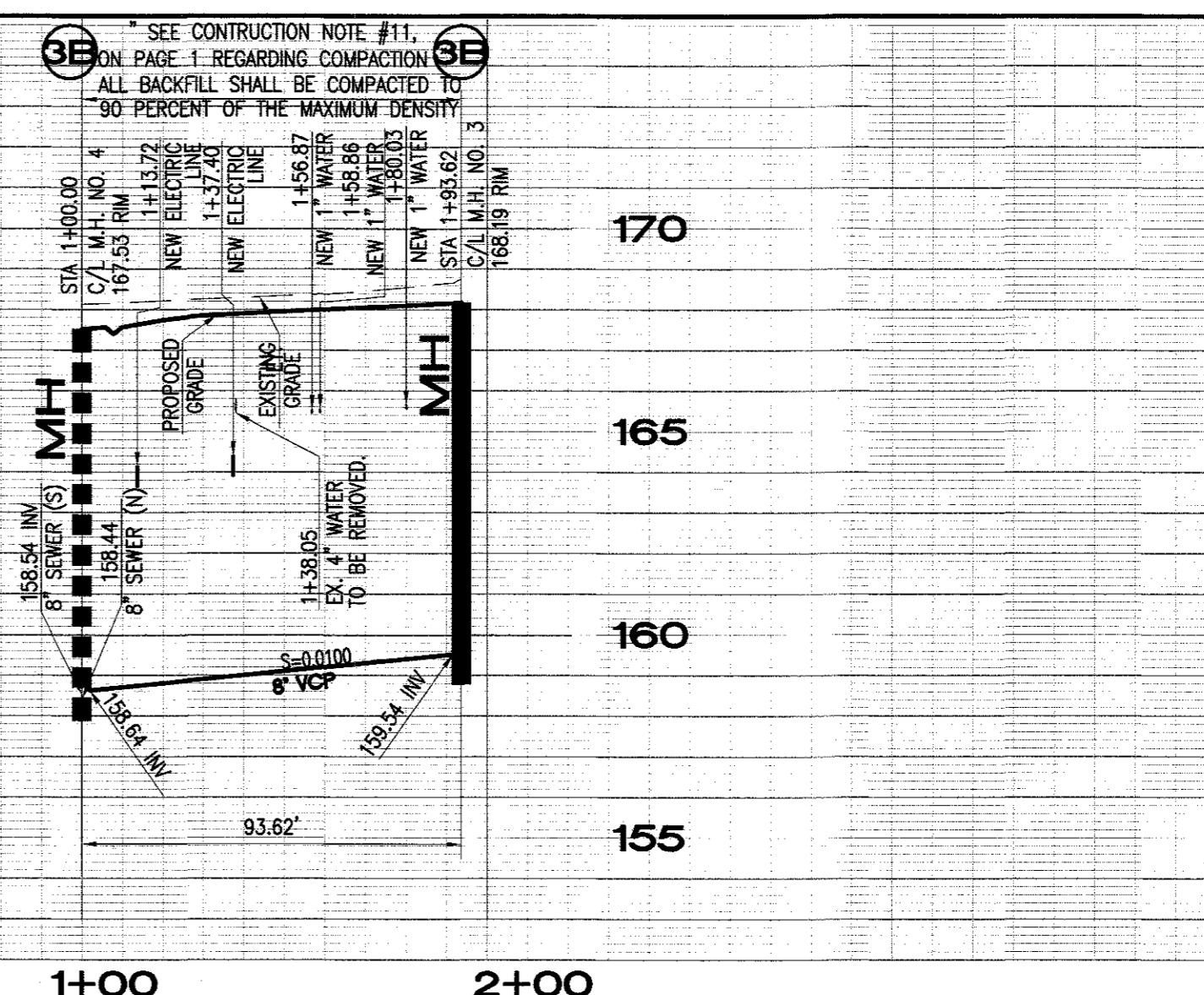
DOUBLE SCALE
(when applicable)



CURVE #	DELTA	RADIUS	LENGTH	TANGENT
C3	21°06'30"	194.00'	71.47'	36.15'

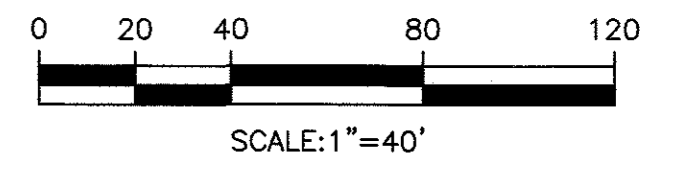
LINE #	LENGTH	BEARING
L5	30.59'	S 61°21'19" W
L6	23.97'	S 40°14'49" W
L7	98.87'	S 44°56'08" W
L8	64.99'	N 40°14'49" E
L9	93.62'	S 49°45'11" E

A - y=+1+53 d@PL 4.5
B - y=+1+39 d@PL 4.5
C - y=+1+18 d@PL 4.5
D - y=+1+04 d@PL 4.5
E - y=+0+78 d@PL 4.5
F - y=+0+57 d@PL 4.5
G - y=+0+47 d@PL 4.5
H - y=+0+65 d@PL 4.5
I - y=+0+83 d@PL 4.5
J - y=+1+01 d@PL 4.5
K - y=+1+18 d@PL 4.5

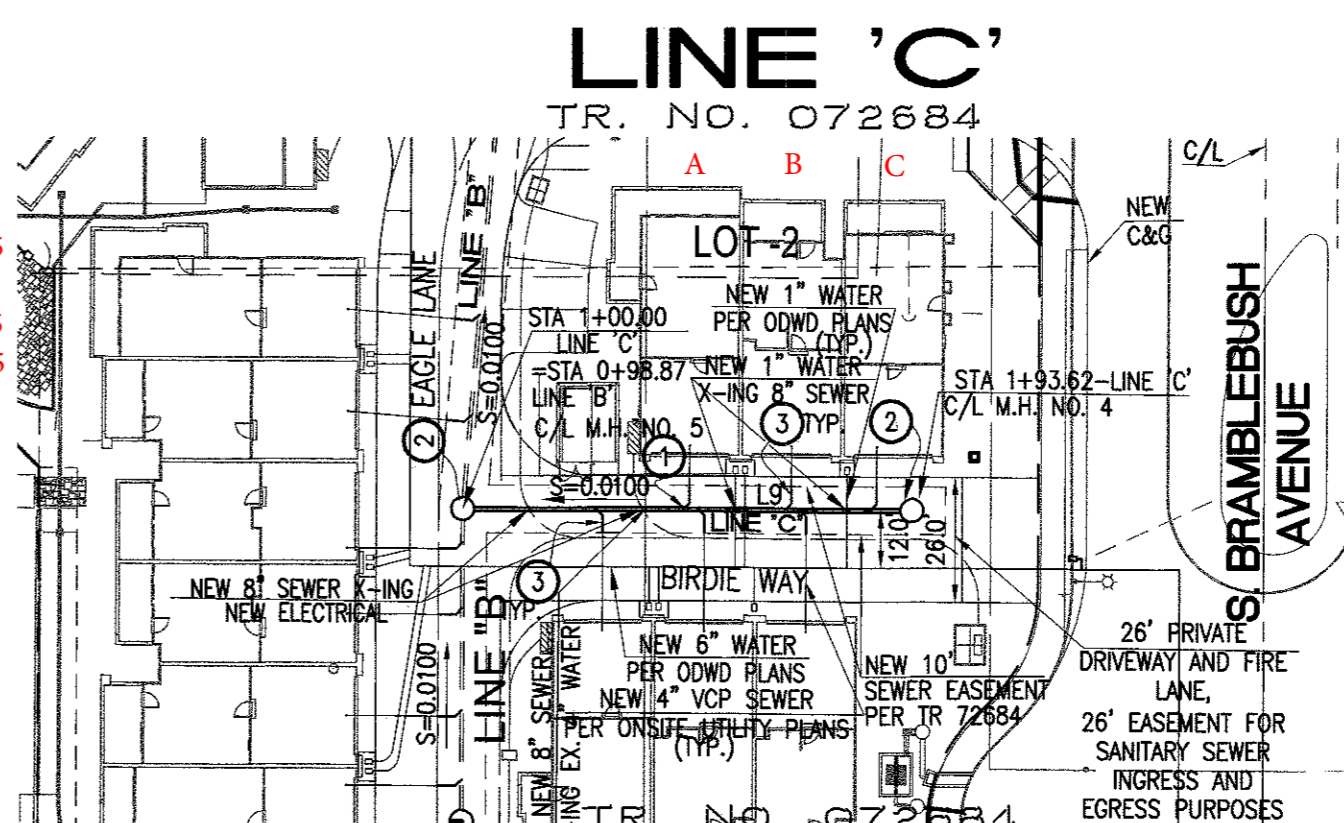
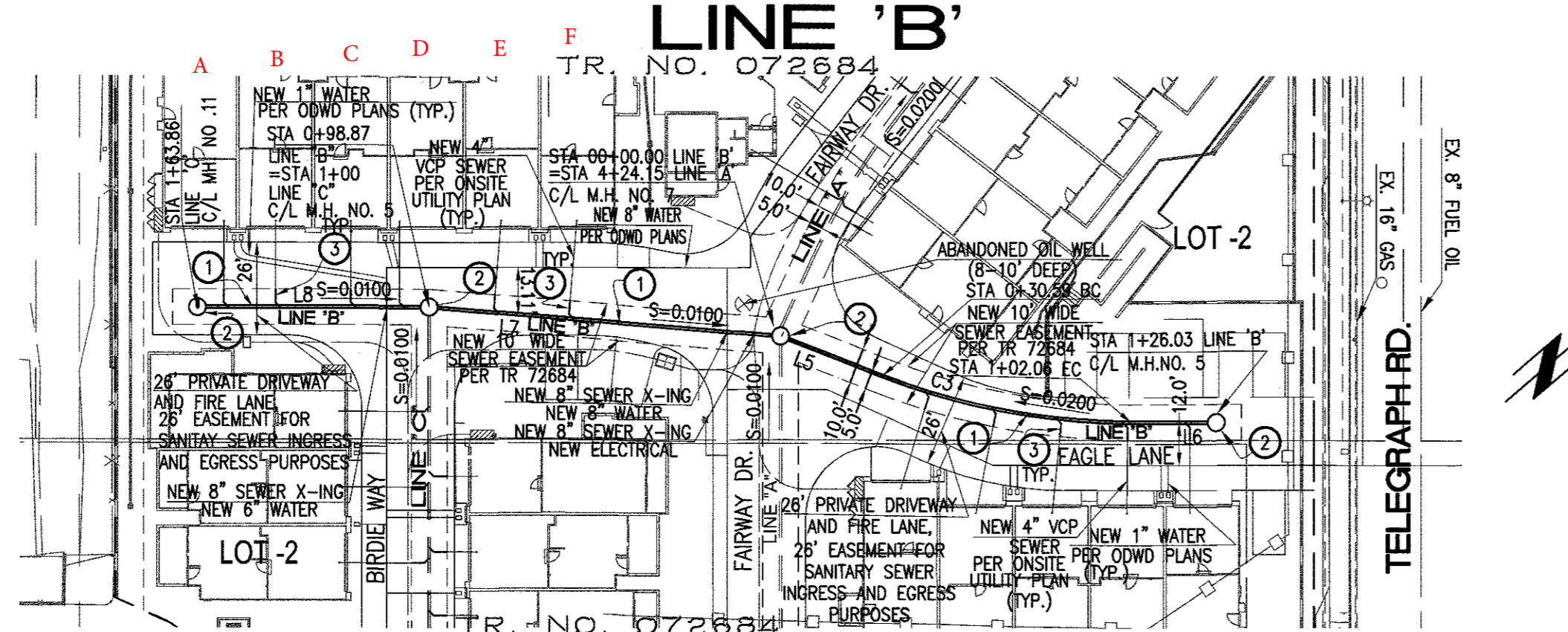


CONSTRUCTION NOTES

1. CONSTRUCT 8" VCP SEWER.
2. CONSTRUCT SEWER MANHOLE PER S.P.P.W.C. STD. 200-3.
3. CONSTRUCT 4" VCP SEWER LATERAL.



A - y=+1+53 d@PL 4.5
B - y=+1+39 d@PL 4.5
C - y=+1+18 d@PL 4.5
D - y=+1+04 d@PL 4.5
E - y=+0+78 d@PL 4.5
F - y=+0+57 d@PL 4.5
G - y=+0+47 d@PL 4.5
H - y=+0+65 d@PL 4.5
I - y=+0+83 d@PL 4.5
J - y=+1+01 d@PL 4.5
K - y=+1+18 d@PL 4.5



LEGAL DESCRIPTION

THE LAND REFERRED TO HEREIN BELOW IS SITUATED IN THE UNINCORPORATED AREA, COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AND IS DESCRIBED AS FOLLOWS:

LOT 1:
A PORTION OF PARCEL 1 IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA, AS SHOWN ON THE RECORD OF SURVEY FILED IN BOOK 55, PAGES 48 AND 49 OF RECORDS OF SURVEY, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHEAST CORNER OF SAID PARCEL AS SHOWN ON SAID RECORD OF SURVEY; THENCE NORTH 49°44'00" WEST 20.00 FEET ALONG THE NORTHEAST LINE OF SAID PARCEL TO THE TRUE POINT OF BEGINNING; SAID NORTHEAST LINE ALSO BEING PARALLEL TO THE CENTERLINE OF TELEGRAPH ROAD (FORMERLY ANAHEIM-TELEGRAPH ROAD) AS SHOWN ON SAID RECORD OF SURVEY; THENCE NORTH 49°44'00" WEST 158.00 FEET ALONG THE SAID NORTHEAST LINE OF PARCEL 1 TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 25.00 FEET; THENCE NORTHWESTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00'00", AN ARC DISTANCE OF 39.27 FEET; THENCE SOUTH 40°16'00" WEST 250.00 FEET ALONG THE EASTERN LINE OF PRIVATE STREET PER SAID RECORD OF SURVEY TO THE BEGINNING OF A CURVE CONCAVE TO THE EAST HAVING A RADIUS OF 15.00 FEET; THENCE SOUTHWESTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00'00", AN ARC DISTANCE OF 23.56 FEET TO THE NORTHERLY LINE OF PRIVATE STREET SHOWN ON SAID RECORD OF SURVEY; THENCE SOUTH 49°44'00" EAST 188.00 FEET ALONG THE NORTHERLY LINE OF SAID PRIVATE STREET; THENCE NORTH 40°16'00" EAST 290.00 FEET TO THE TRUE POINT OF BEGINNING.

ALSO EXCEPTING THEREFROM ALL OIL, GAS AND OTHER HYDROCARBONS AND MINERALS IN AND UNDER AND PRODUCED FROM THAT PORTION OF SAID LAND NOT SHOWN AS "PRIVATE STREET" AS RESERVED BY HUGES BROS. TILE AND MANTEL COMPANY, IN DEED RECORDED MAY 26, 1952 IN BOOK 39017 PAGE 240, OFFICIAL RECORDS.

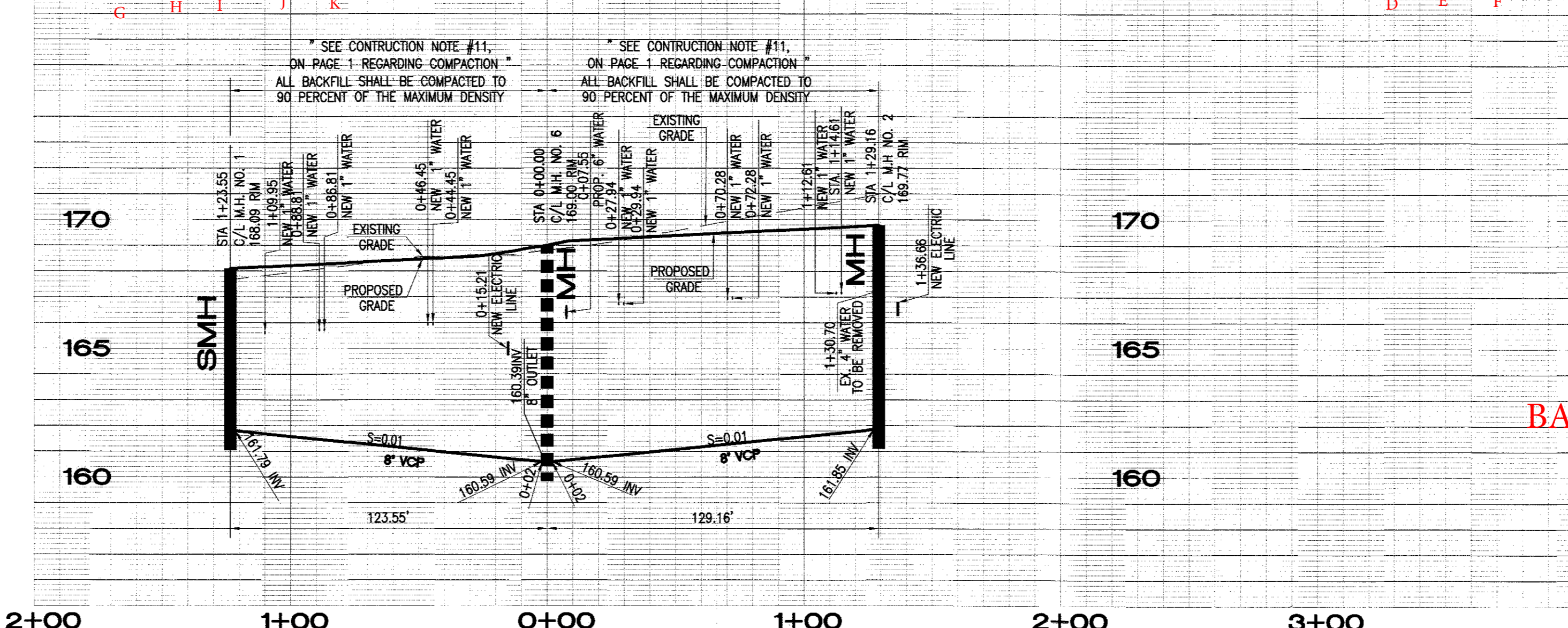
LOT 2:
A PORTION OF LOT A OF TRACT 3014 IN THE COUNTY OF LOS ANGELES, STATE OF CALIFORNIA AS PER MAP RECORDED IN BOOK 56, PAGE 52, IN THE OFFICE OF THE COUNTY RECORDER OF SAID COUNTY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT ON THE NORTHEAST LINE OF SAID LOT A, DISTANT NORTH 49°44'00" WEST 2562.90 FEET FROM THE NORTHEAST CORNER OF SAID LOT, SAID POINT BEING ON THE SOUTHWESTERLY LINE OF ANAHEIM-TELEGRAPH ROAD (50 FEET WIDE), SAID POINT ALSO BEING THE POINT OF BEGINNING OF PARCEL 3 AND NORTHEAST CORNER OF PARCEL 2 AS DESCRIBED IN DEED RECORDED DECEMBER 28, 1960 IN BOOK 4052, PAGES 56 TO 66 OF OFFICIAL RECORDS; THENCE CONTINUING ALONG THE NORTHEAST LINE OF SAID LOT A NORTH 49°44'00" WEST 78.43 FEET; THENCE LEAVING SAID NORTHEAST LINE OF SAID LOT A SOUTH 40°16'00" WEST 63.06 FEET; THENCE SOUTH 33°37'15" EAST 109.91 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE NORTHEAST HAVING A RADIUS OF 392.00 FEET; THENCE SOUTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 0°00'15" AN ARC DISTANCE OF 0.71 FEET TO THE BEGINNING OF A COMPOUND CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 303.00 FEET; THENCE SOUTHEASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 34°55'30" AN ARC DISTANCE OF 184.73 FEET TO THE BEGINNING OF A COMPOUND CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 50.00 FEET; THENCE SOUTHWESTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 44°57'39" AN ARC DISTANCE OF 39.24 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTHWEST HAVING A RADIUS OF 50.00 FEET; THENCE SOUTHWESTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 42°32'01" AN ARC DISTANCE OF 37.12 FEET; THENCE SOUTH 05°02'00" EAST 23.81 FEET; THENCE SOUTH 40°16'00" WEST 96.17 FEET; THENCE SOUTH 49°44'00" EAST 44.25 FEET; THENCE NORTH 64°34'09" EAST 15.97 FEET TO THE BEGINNING OF A CURVE CONCAVE TO THE SOUTH HAVING A RADIUS OF 13.00 FEET; THENCE EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 65°41'51" AN ARC DISTANCE OF 14.91 FEET; THENCE SOUTH 49°44'00" EAST 4.04 FEET TO THE BEGINNING OF A NON-TANGENT CURVE CONCAVE TO THE SOUTH EAST HAVING A RADIUS OF 22.00 FEET RADIAL THROUGH THE POINT BEING NORTH 55°14'46" WEST; THENCE NORTHEASTERLY ALONG SAID CURVE AN ARC DISTANCE OF 22.05 FEET TO THE BEGINNING OF A REVERSE CURVE CONCAVE TO THE NORTH HAVING A RADIUS OF 39.50 FEET; THENCE EASTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 17°10'38" AN ARC DISTANCE OF 11.84 FEET TO THE WESTERLY LINE OF PRIVATE DRIVE AS SHOWN ON SAID RECORD OF SURVEY FILED IN BOOK 55, PAGES 48 AND 49 OF RECORDS OF SURVEY; THENCE CONTINUING SOUTH 49°44'00" EAST 44.25 FEET; THENCE NORTH 64°34'09" EAST 281.07 FEET ALONG THE SAID WESTERLY LINE OF PRIVATE DRIVE TO THE BEGINNING OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 25.00 FEET; THENCE NORTHWESTERLY ALONG SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00'00" AN ARC DISTANCE OF 39.27 FEET TO THE NORTHEAST LINE OF SAID PARCEL 9; THENCE NORTH 49°44'00" WEST 57.00 FEET ALONG THE NORTHEAST LINE OF SAID PARCEL 9; THENCE NORTH 40°16'00" EAST 25.00 FEET ALONG THE PROLONGATION OF THE WESTERLY LINE OF SAID PARCEL 9 TO A POINT ON THE NORTHEAST LINE OF SAID LOT A; THENCE NORTH 49°44'00" WEST 428.62 FEET ALONG THE NORTHEAST LINE OF SAID LOT A TO THE POINT OF BEGINNING.

EXCEPTING THEREFROM THAT PORTION DESCRIBED AS PARCEL 32-42 ACQUIRED BY THE COUNTY OF LOS ANGELES IN FINAL ORDER OF CONDEMNATION RECORDED SEPTEMBER 16, 1969 AS INSTRUMENT NO. 2186, IN OFFICIAL RECORDS OF LOS ANGELES COUNTY.

THE ABOVE PARCEL IS SHOWN AS PARCEL 3 OF LOT LINE ADJUSTMENT (RLLA) 2013-00010 RECORDED APRIL 14, 2014, AS INSTRUMENT NO. 20140377523, OFFICIAL RECORDS.

A - y=+1+11 d@PL 4.5
B - y=+0+91 d@PL 4.5
C - y=+0+68 d@PL 4.5
D - y=+0+47 d@PL 4.5
E - y=+0+37 d@PL 4.5
F - y=+0+59 d@PL 4.5
G - y=+0+81 d@PL 4.5
H - y=+1+01 d@PL 4.5
I - y=+1+20 d@PL 4.5
J - y=+1+14 d@PL 4.5
K - y=+0+96 d@PL 4.5
L - y=+0+75 d@PL 4.5
M - y=+0+52 d@PL 4.5
N - y=+0+32 d@PL 4.5
O - y=+0+17 d@PL 4.5
P - y=+0+39 d@PL 4.5
Q - y=+0+61 d@PL 4.5
R - y=+0+83 d@PL 4.5
S - y=+1+03 d@PL 4.5
T - y=+1+21 d@PL 4.5



CONSTRUCTION NOTES

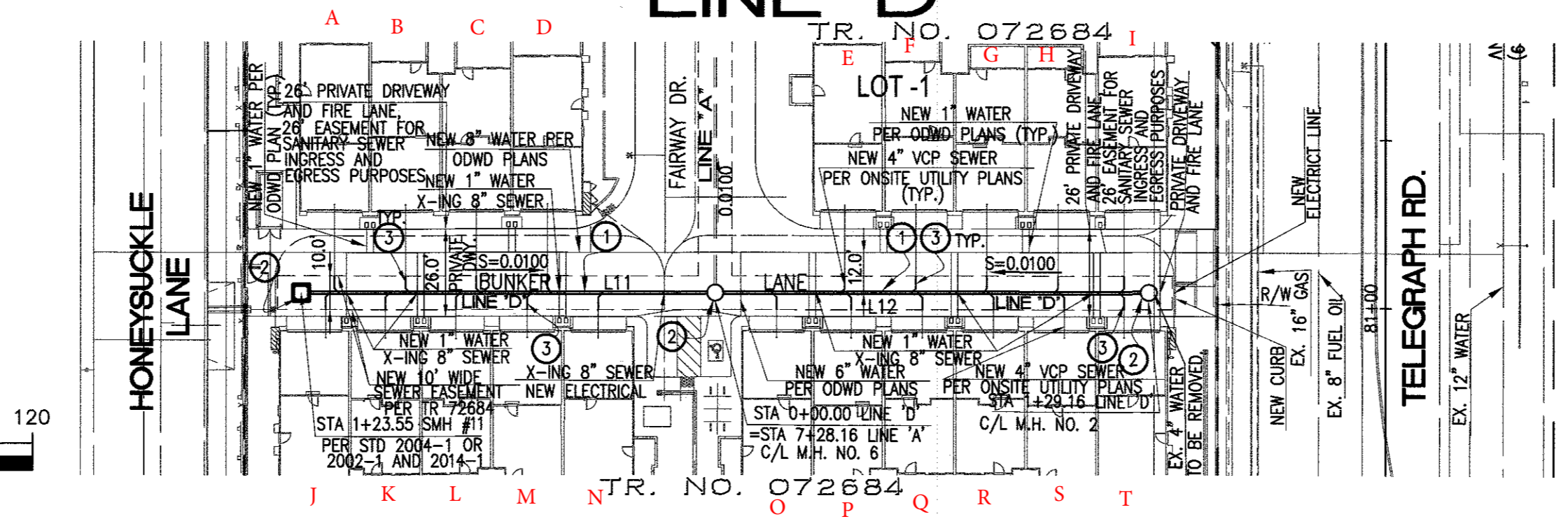
1. CONSTRUCT 8" VCP SEWER.
2. CONSTRUCT SEWER MANHOLE PER S.P.P.W.C. STD. 200-3.
3. CONSTRUCT 4" VCP SEWER LATERAL.

SEWER AS-BUILTS
MKP CONSTRUCTION 9/9/19
INSTALLED AS PER PLAN
LESS INSTALLATION OF
BACKWATER VALVES ON SEWER
LATERALS /
INSTALLED BY OTHERS

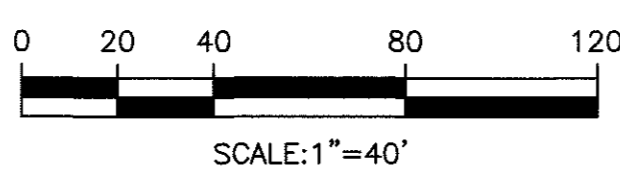
NO LA COUNTY CHARGES FOR CONNECTION
SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
TEL (562) 908-4288 EX. 2727

SCALE: VERT. 1" = 4'
HORIZ. 1" = 40'

DOUBLE SCALE
(when applicable)



LINE #	LENGTH	BEARING
L11	123.55'	S 40°14'49" E
L12	129.16'	S 40°14'49" W



NO.	REVISION	REVISED BY	APPROVED BY	DATE

TRACT NO. 72684 SANITARY SEWER PLANS IN PC NO. 12214

REVIEWED BY LAND DEVELOPMENT DIVISION
BY: *Rebecca Tadele* DATE: 07/25/18
FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS

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CIVIL ENGINEERING & LAND SURVEYING
14349 FIRESTONE BOULEVARD
LA MIRADA, CALIFORNIA 90638
PH: (714) 221-4811 FAX: (714) 221-4173

Paul D. Thieng
REGISTERED PROFESSIONAL ENGINEER
R.C.E. NO. 56155
Exp. 12-31-18
CIVIL
STATE OF CALIFORNIA
05/15/18
DIRECTOR OF ENGINEERING DATE DWG