

SEWERAGE FACILITIES CHARGE GUIDE

Residential and Commercial Categories

(KGSF)=1000 Gross Square Feet, area included within the exterior of the surrounding walls of a building excluding courts.)

(SGF) = Sewer Generation Factor Ave. Process Flow = Amount of water used and discharged daily. Based on the size of the operation. An initial amount is determined and it will be monitored regularly and the rate will be adjusted accordingly.

[SFC Credit Rates After July 1st, 1994.](#)

[SFC Credit Rates Before July 1st, 1994.](#)

[SFC Fee Rates.](#)

1. BONDED SEWER CONTRACTORS AS OF JANUARY 2000

CONTRACTOR	ADDRESS	PHONE
A.C.C.E.S.	2034 Cotner Av., Suite 207, Los Angeles, Ca 90025	310 479-7183
Adee Plumbing & Heating, Inc.	5457 Crenshaw Bl. , Los Angeles, Ca 90043	323 296-8787
Allen Construction	9021 Rufus Ave., Whittier, Ca 90603	562 945-8194
American Contractors, Inc	404 W Blue Ridge Ave, Orange, Ca 92865	714 282-5700
Amireh Sewer Contractor	3661 S. Barrington Av., Los Angeles, CA 90066	310 313-3404
Andrew Papac & Sons	2030 Santa Anita Av., S. El Monte, Ca 91733	626 443-4061
8Ark Construction Co	P.O. Box 36323, Los Angeles, Ca 90036	213 930-0623
Atlas Cesspool Service	1800 S. Alameda St., Compton, Ca. 90221	310 326-8620
Bali Construction, Inc	9630 Fern St. El Monte, Ca 91733	626 442-8003
Bay Area Plumbing Co	1414 Grant St., Santa Monica, Ca 90405	310 452-3978
Bill Lindon	17567 Chase St., Northridge, Ca 91325	818 345-2256
Brandt Construction	P.O. Box 1138 Moorpark, Ca 90321	
CAAZ,Devries Diversified (Goph)	3514 Foothill Bl., La Crescenta, Ca. 91214	818 249-1568
Carlos Company	9619 Artesia Bl., Bellflower, Ca. 90706	562 804-7004
Clarke Contracting Corp	1218 S. Alameda St., Compton, Ca 90220	310 537-6470
Coastline Contracting	16431 Amber Valley Dr., Whittier, CA 90654	714 670-0202
Coblentz Plumbing & Sewer Contr	467 W. Harvard St Glendale, Ca	888 286-5800
Colich & Sons	547 W. 140th St., Gardena, Ca 90248	323 770-2920
Consolidated Sewer & Pipeline	5851 4th Ave., Los Angeles, CA 90043	213 291-0875
Damon Construction Co	455 E. Gardena Bl #B Carson, CA 90046	310 324-7141
Don H. Oakley Co.	11044 Art., Sun Valley, Ca 91352	818 768-0314

CONTRACTOR	ADDRESS	PHONE
Doty Brothers Equipment Co.	11232 E. Firestone Bl., Norwalk, Ca 90650	310 864-6566
Durkin's Backhoe Service	9839 Kester Av., Sepulveda, Ca 91343	
E. Z. Roth Plumbing	5747 Melrose Av., Los Angeles, CA 90058	323 469-5692
Escobar Contracting	11501 Exposition Bl., Los Angeles, Ca 90064	310 473-2337
Excel Paving Co.	2230 Lemon Av., Long Beach, Ca 9806	310 599-5841
Felix Schauzer	3914 DeLongpre Av, Los Angeles, Ca 90027	213 662-4181
FTR International, Inc	5 Park Plaza, Suite 1240, Irvine, Ca 92614	949 689 5047
G. B. Cooke, Inc	580 E. Foothill Bl., Azusa, Ca 91702	818 969-8736
Herman Weissker, Inc	2631 S. Riverside Ave., Bloomington, Ca 92316	909 877-2470
Hofmann & Son	4443 W. 161st St, Lawndale, Ca 90260	310 370-1210
J & C Underground	1813 N. Rose St., Burbank, Ca 91505	818 763-9034
Jack Stephan Plumbing & Heating	7516 Crenshaw Bl., Los Angeles, CA 90043	323 759-9185
John T. Malloy, Inc	3032 Bandini Bl., Los Angeles, CA 90023	323 780-9941
K.L.M. Bobcat	541 3rd St., Hermosa Beach, Ca 90254	310 379-6762
Kiewit Pacific Co	10704 Shoemaker Av., Santa Fe Springs, Ca 90670	562 946-1816
Ledsam Contracting Co. Co.	2702 California Av., Signal Hill, Ca 90806	213 490-2056
Mallcraft, Inc.	2225 N. Windsor Av., Altadena, Ca 91101	626 398-3598
Martins Brothers Sewer Service	4757 W. Washington Bl., Los Angeles, Ca 90016	323 936-1164
Martin Construction Co	2707 Alabama St., La Crescenta, Ca 91214	818 957-5247
Merco Construction Engineers, Inc	1175 Calle Suerte, Camarillo, Ca 93012	805 987-8615
Mick Fountain Sewers	207 W. 127th St., Los Angeles, Ca 90061	323 757-2047
Midland Co. & Associates	P. O. Box 16778, Encino, Ca., 91416	

CONTRACTOR	ADDRESS	PHONE
Mike Prlich & Sons	9316 Klingerman Av., El Monte, Ca 91733	626 283-7852
Miramontes Construction Co., Inc	P.O. Box 90095 Industry, Ca 91715	818 330-1043
Mr Rooter of Los Angeles	20710 Manhattan Pl #108, Torrance, Ca 90501	310 320-5698
Mr. Rooter of West Valley	8110 Remmet Av #5 , Canoga Park, Ca 91304	818 710-0807
Mr. Rooter Plumbing	12999 Arroyo St., San Fernando, Ca 91340	
Murray Company	2919 E. Victoria St., Rancho Dominguez, Ca 90221	310 637-1599
Newton Plumbing Inc.	3773 Overland Av., Los Angeles, Ca 90034	213 839-1131
Ocampo & Sons	13030 N. McClay St., Sylmar Ca 91342	818 361-8070
Paramount Sewer and Water	3909 Charlemagne Av., Bellflower, Ca 90706	562 866-7373
Pascal & Ludwig Engineers	2049 E. Francis St. Ontario, Ca 91761	909 947-4631
Patricia A. Gosh, Inc	341 S. McCadden Pl. Los Angeles, Ca 90020	323 933-7279
Pipe Plumbing of the Valley	8757 Canoga Av., Canoga Park, Ca 91304	818 348-0234
Q.C.D. Pipeline, Inc	18495 El Nido Rd., Perris, Ca 92570	909 940-4169
R-Help Construction Co	536 Highview St. Newbury Park, Ca 91320	805 499-5112
Rapid Plumbing Inc	5100 E. Hunter Ave., Anaheim, Ca 92807	
Rapid Services	1709 E. Ezmirlan St., Campton, Ca 90221	310 637-0086
Ray Pridgen Construction	9966 Stonehurst Av., Sun Valley, Ca 91352	818 353-6044
Rescue Rooter #430	12507 San Fernando Rd., Sylmar, Ca 91313	818 833-6683
Rescue Rooter #440	1175 S. La Brea, Inglewood, Ca 90031	800 726-6944
Rey Lopez Construction	14212 Fox St., San Fernando, Ca 91340	818 361-5248
Rice Sewer & Drain	10116 Montgomery Ave North Hills, Ca 91343	818 892-6692
Richard B. Chutuk Co	12543 Woodley Rd., Granada Hills, Ca 91344	818 360-2707
Roto Rooter Service & Plumbing	4017 Whittier Bl., Los Angeles, Ca 90023	323 268-3344

CONTRACTOR	ADDRESS	PHONE
Royal Rooter & Plumbing	P.O. Box 487, Gardena, Ca 92048	310-768-3221
Santee Sewer Service	229 Gage Av., Los Angeles, Ca 90003	323 753-0863
Sully Miller Contracting Co	1100 E. Orangethorpe Av., Anaheim, Ca 92801	714 578-9600
Sunwest Plumbing & Heating Corp	P.O. Box 93608 Los Angeles, Ca 90093	800 463-7803
Vally Crest Landscape, Inc	12087 N. Lopez Canyon Rd., San Fernando, Ca 91342	818 834-1000
Valverde Construction Inc	8230 Sorensen Sante Fe Springs, Ca 90670	562 693-2763
Van Diest Brothers, Inc	15315 Lakewood Bl., Paramount, ca 90723	310 633-6825
Vinko Jarak Const. Co.	1518 Norman Pl. Los Angeles, CA 90063	213 268-6145
Watson Plumbing Co.	11934 Valerio St. N. Hollywood, Ca 91605	818 785-2121
West Valley Sanitation & Plumbing	19426 Roscoe Bl., Northridge, ca 91324	818 341-7931
Williams Brothers Plumbing	3541 Old Conejo Rd., Newbury Park, Ca 91302	805 499-9335
Wilpac Plumbing, Inc	14225 S. Halldale Ave., Gardena, Ca. 90249	310 523-9300
Winterbottom Bros., Inc	4977 Santa Anita Av., Temple City, Ca 91730	323 283-6663

If you decide not to use one of the above contractors then the contractor who will obtain the permit should comply with the Liability Insurance and Deposit Requirement according to Section [64.15.1](#) of the Los Angeles Municipal code.

2. ORDINANCES

SEC 12.37 – R-3 ORDINANCE HIGHWAY DEDICATIONS

Where a property is located in an R-3 or less restrictive zone, the owner must dedicate any necessary right-of-way and complete any remaining street improvements or file a bond in an amount sufficient to guarantee the required improvements before obtaining a building permit to erect or enlarge a building. This requirement is applicable on major and secondary highways, on collector streets, and on local streets within 300 feet of their intersection with the major or secondary highway, provided the property has frontage on a major or secondary highway.

SEC 19.02 (A)2(1) – TRACT AND PARCEL MAPS

Full or partial improvements to the existing street(s) and alley(s), or construction of a new street are conditions imposed upon developers unless full improvements to the City right-of-way exist.

SEC 62.106

All permits for work mentioned in Section 62.105 or Section 65.04 shall be granted under one of the following classes, to wit:

(a) Class “A” shall include only the repair, construction or reconstruction of curbs, sidewalks, driveway approaches, or gutters and work appurtenant to the foregoing, or work within a public easement, where, in the opinion of the City Engineer, the work contemplated is so limited in extent and such simplicity of design that the deposit of those fees provided herein for Class “A” permits will with reasonable certainty compensate and reimburse the City for the costs of inspection and supervision entailed.

(b) Class “B” shall include all permits for work not included in Class “A” except for work for which a revocable permit is issued pursuant to section 62.118.2 of this Code.

SEC. 64.11 – SEWERS - UNDEDICATED STREETS

No person shall connect any sewer which has been or may hereafter be constructed in any street, prior to the dedication and acceptance of such street by the City Council, with any public sewer unless such sewer has been laid under the supervision and to the satisfaction of the Board and in accordance with the specifications for public sewers adopted by the City Council and on file in the office of the City Clerk, and in accordance with plans and profiles approved by the City Engineer.

SEC. 64.11.1 – HOUSE CONNECTION SEWER

Not more than one lot shall be connected to any one house connection sewer.

SEC. 64.12 – HOUSE SEWER CONNECTION - PERMIT (Amended by Ord. No. 150,478, Eff. 2/6/78.)

(a) No person shall make, construct, alter, or repair any house connection sewer, bonded house connection sewer, special house connection sewer, industrial waste sewer connection, industrial waste storm drain connection, storm drain connection, or special drainage connection, or any portion of any such sewer or storm drain connections, including sampling manholes, or connect any house sewer, soil pipe, or plumbing to any such sewer or storm drain connections or to a sewer or storm drain under the jurisdiction of the City of Los Angeles, without first obtaining a written permit therefor from the Board of Public Works.

(b) Persons desiring to obtain a permit for any of the purposes enumerated in Sections 64.12 to 64.22 inclusive, shall file with the Board a written application therefor signed by the applicant, on printed forms, furnished by it for that purpose. The application shall contain such information as the Board may require. If it appears from the application that the work to be performed thereunder is to be done according to the regulations contained or referred to in this article, governing the doing of such work, a permit shall be issued upon payment of the permit charges required or referred to in Section 64.15.

(c) The Board before granting any permit in accordance with the provisions of Sections 64.12 to 64.22 inclusive, which will necessitate any excavation in, upon or under any State highway in this City or the making of a connection to a sewer or house connection sewer for which a permit is also required from a County Sanitation District, or a political subdivision other than this City, shall require such permit to be presented for inspection.

(d) Nothing in this section shall be deemed or construed to require the application for or the issuance of a permit for the purpose of removing stoppages in any house connection sewer, except when it is necessary to replace any part or all of such sewer connection or to excavate in any street or sidewalk or sewer easement in connection therewith.

(e) A permit under which an excavation, tunnel, or the laying of sewer, or storm drain pipe in any public street is contemplated will be issued only to other departments of the City, other governmental agencies, or contractors holding a valid contractor's license issued by the Contractors' License Board of the State of California in the classification of A-1 General Engineering, B-1 General Building, C-36 Plumbing, or C-42 Sewer, Sewage Disposal, Drain, Cement Pipe Laying. (Added by Ord. No. 121,900, Eff. 6/4/62.)

EXCEPTION:

A permit for making sewer connections at the property line may be issued to any responsible person when in the opinion of the Board, the granting of such permit will not endanger public property or jeopardize the public's interests.

(f) Any person performing work pursuant to a permit issued under this section shall comply with all the provisions of Section 62.03.1 of this Code. (Added by Ord. No. 150,478, Eff. 2/6/78.)

SEC. 64.13. PERMIT EXEMPTIONS.

The provisions of Section 64.12 requiring permits for the construction of house connection sewers shall not be construed to apply to contractors constructing house connection sewers under contracts entered into under proceedings had or taken pursuant to any of the procedure ordinances of this City, or the County of Los Angeles, or the Statutes of the State of California, or other contracts authorized by the City Council, providing for the construction of such house connection sewers.

SEC. 64.14. DURATION AND REVOCATION OF PERMITS. (Amended by Ord. No. 168,578, Eff. 3/13/93.)

(a) If the work authorized by a permit issued pursuant to Sections 64.12 to 64.22, inclusive, of this Code is not commenced within two years from the date of its issuance, such permit shall expire and be canceled. In the event the permit is revoked, canceled or expires, the City shall retain a portion of the permit fee to defray administrative costs in an amount determined and adopted in the same manner as provided in Section 12.37-1,1 of the Los Angeles Municipal Code for establishing fees. If the work authorized by a permit is commenced, it must be prosecuted diligently to completion.

(b) The Board may suspend or revoke the permit at any time in the public interest upon receipt of a written request showing good and sufficient cause therefor by the permittee, the owner of the affected property, or other interested party. Any such action shall not be deemed to release any applicable insurance or surety filed pursuant to Section 64.15.1.

(c) Any Sewer Connection Permit that has not expired by the effective date of this section shall be given an extended duration of two years from the original date of issuance.

SEC 64.15. PERMIT AND INSPECTION FEES.

(a) Before granting any permit pursuant to the provisions of Sections 64.12 this Code, except as to applications filed by a department of this City, the Board shall require the payment by the applicant therefor of a fee for each such permit issued for a connection at the property line. In addition to the above fee, an inspection fee shall be charged for each linear foot of connection laid, re-laid or exposed when application is made for a permit to excavate or tunnel for the purpose of laying, relaying, or exposing sewer housing connection or storm drain connection pipe in

any public street, public place, or public right-of-way. The inspection fee shall be determined by actual measurement, and the amount thereof shall be paid to the Board in conjunction with the collection of trench resurfacing charges in the manner provided in Section 64.17(i) and Section 62.05 of this Code. The fees imposed herein shall be charged pursuant to a scheduled determined and adopted in the same manner as provided in Section 12.37-I,1 of the Los Angeles Municipal Code for establishing fees. (Amended by Ord. No. 163,803. Eff. 8/15/88.)

(b) When application is made for a permit to make a connection to a use connection sewer constructed in whole or in part at no expense to the property to be served but not to replace any existing house connection sewer, the amount of the fee to be paid by the applicant, in addition to the ordinary permit fee, or other charges mentioned or referred to herein, shall be \$14.00 for each linear foot of house connection sewer so constructed. (Amended by Ord. No. 149,392, Eff. 4/9/77.)

(c) No Industrial Waste Sewer or Storm Drain Connection Permit will be issued unless the applicant has complied with the provisions of Section 64.30. When the provisions of Section 64.11.2 or Section 64.16.1 are applicable, no Sewer House Connection Permit will be issued until the applicant has complied therewith. No Special Drainage Connection Permit will be issued until the applicant has complied with all conditions established by the Board. No House Connection Permit (other than for repairs) and no Industrial Waste Sewer Connection Permit will be issued until the applicant has paid a sewerage facilities charge in accordance with Section 64.11.3. (Amended by Ord. No. 140,189, Eff. 5/11/70.)

(d) Where there is no existing Y or opening in the main line sewer, storm drain or catch basin, an additional tapping fee must be prepaid in accordance with Section 64.20 of this Code before any permit will be issued under this section. (Amended by Ord. No. 112,719, Eff. 2/28/59.)

(e) Before any permit is issued pursuant to Section 64.12 under which an excavation tunnel or the laying of sewer or storm drain pipe in any public street, public place or public easement is contemplated, the applicant must have a policy of protective liability insurance and either a cash deposit or surety bond on file with the Board in accordance with the provisions of Section 64.15.1. (Amended by Ord. No. 122,639, Eff. 9/15/62.)

(f) (Amended by Ord. No. 168,734, Eff. 5/31/93.) If special inspection is required by the Board in accordance with Section 64.17 of this Code, a deposit to cover the estimated cost of the inspection must be paid to the Board before a permit will be issued. Such estimate shall be based upon the following schedule:

1.Regular Time \$57.50/hr.

2.Overtime (Past 8 Hrs.)\$57.50/hr. on any week day

3.Overtime (Saturday, \$230.00/4 hrs. or Sunday and holidays, portion thereof 4 hrs. or less)

4.Overtime (Saturday, \$230.00 plus \$57.50/hr. Sunday and holidays, for each additional hour exceeding 4 hours)or portion thereof.

The fees herein shall be adjusted, if required, in order to recover the City's administrative costs, and adopted in the same manner as provided in Section [12.37-I,1](#) of the Los Angeles Municipal Code for establishing fees.

(g) If special engineering, investigation or design is required prior to issuance of a permit for any storm drain connection, special drainage connection or industrial waste storm drain connection, a deposit to cover the estimated cost of such special engineering must be made to the Board before a permit will be issued. Actual costs shall be recovered by the Board in accordance with the provision of Section [62.05](#) of this Code. (Amended by Ord. No. 155,519, Eff. 8/9/81.)

(h) No permit to connect which is subject to the provisions of Section [64.11.3\(c\)](#) shall be added until the applicant has provided the City with proof of payment of the sewer connection fee required by the Los Angeles County Sanitation District in whose facilities sewage from the subject property is treated. (Added by Ord. No. 157,145, Eff. 11/22/82.)

(i) All fees collected pursuant to this section, excluding storm drain revenues which shall be deposited into the General Fund, shall be deposited into the Sewer Construction and Maintenance Fund established by Section [64.19.2](#) of this Code, such monies to be expended for purposes set forth in said section and to provide for appropriate refunds relative to such fees. Storm drain revenues are monies collected from imposition of storm drain connection permit fees, special drainage connection fees and those fees imposed pursuant to Subsections (d), (e), as it relates to storm drains, and (g) of this section. (Added by Ord. No. 162,864, Eff. 11/22/87.)

SEC. [64.15.1](#). LIABILITY INSURANCE AND DEPOSIT REQUIREMENTS.
(Amended by Ord. No. 122,639, Eff. 9/15/62.)

(a) Liability Insurance.

1. Required.

Except as otherwise provided in this article, a permit required by Section [64.12](#) under which an excavation, tunnel or the laying of sewer or storm drain pipe in any public street, public place or public easement is contemplated, will not be issued until the applicant has filed with the City Engineer a policy of protective liability insurance in which the City has been named as insured or coinsured with the permittee. The policy of insurance shall insure the City and its officers and employees while acting within the scope of their duties, against all claims arising out

of or in connection with the operations of the permittee, or any contractor or subcontractor of the permittee, pursuant to the permit.

2. Amounts. (Amended by Ord. No. 153,469, Eff. 6/1/80.)

Bodily Injury \$250,000 each person \$500,000 each occurrence \$500,000 aggregate products and completed operations; Property Damage \$100,000 each occurrence \$250,000 aggregate.

A combined single limit policy with aggregate limits in the amount of \$1 million will be considered equivalent to the required minimum limits.

3. Coverage.

Such policy of insurance shall provide coverage at least as broad as that provided in the Standard Form approved by the National Bureau of Casualty Underwriters, together with such endorsements as are required to cover the risks involved.

(b) Deposits.

1. Required.

Except as otherwise provided in this article, a permit required by Section 64.12 under which an excavation, tunnel or the laying of sewer or storm drain pipe in any public street or public easement is contemplated, will not be issued until the applicant has deposited with the Board not less than \$1000 in cash which shall remain on deposit with the Board for not less than six months from the date of the last permit issued to the depositor thereof. Such deposit will be held to insure the faithful performance of the work and the payment of all charges required by Section 64.12 to 64.22 inclusive, and the Board is hereby empowered to deduct from the cash deposit all sums due for charges hereunder and for any and all damages accruing to this City by reason of faulty or defective work of the permittee. (Amended by Ord. No. 150,910, Eff. 6/26/78.)

2. Surety Bond in Lieu of Deposit.

Whenever in this section a cash deposit in the amount of \$1000 or over is required, the applicant may provide in lieu of such cash deposit, a good and sufficient bond in an amount equal to the amount of such cash deposit, payable to this City, by and executed by the applicant as the principal and by a reliable surety company satisfactory to the City. Such bond shall be conditioned upon the payment of all charges required by Sections 64.12 to 64.22 inclusive, and the faithful and proper performance of work upon the same terms as those required by such cash deposit in lieu of which such bond is executed. The Board is hereby empowered to enforce collections under said bond for all sums due for charges hereunder and for any and

all damages accruing to this City by reasons of faulty or defective work of the permittee. (Amended by Ord. No. 150,910, Eff. 6/26/78.)

SEC. 64.16. EXEMPTIONS FROM LIABILITY INSURANCE AND DEPOSIT REQUIREMENTS.

From Federal Government, the State, every county, city and county, municipal corporation, irrigation district, school district, district established by law, and any political or administrative subdivision of the State or Federal Government will not be required to make a deposit or to post a policy of protective liability insurance as otherwise required by Sections 64.15 and 64.15.1. (Amended by Ord. No. 121,900. Eff. 6/4/62.)

SEC. 64.17. SEWER CONNECTION REGULATIONS.

No person having obtained a permit from the Board shall construct, alter, or repair any house connection sewer or any portion of any house connection sewer, or makes a connection to any public sewer, or house connection sewer, pursuant to any such permit, at any place other than that designated thereon, or fail, refuse or neglect to comply with any such requirement contained or referred to in this section.

At all times, while the work under any such permit is in progress, the original of such permit must be kept at the place of the work and must, on demand be exhibited to the Board or to any of its inspectors, agents or representatives, or to any police officer.

(a) In those streets and alleys included in that portion of this City, designated by Chapter 8 of this Code as the Central Traffic District, when an excavation is commenced, the making of the excavation, the work to be done therein and the refilling of the excavation, shall be prosecuted diligently and continuously until completed, so as not to obstruct the street or other public place or travel thereon, more than is actually necessary.

(b) The construction of all house connection sewers, and all repairs to such house connection sewers, shall be as follows:

1. All pipe shall be clay, cement, cast iron, ABS and PVC plastic pipe or asbestos cement and have a minimum internal diameter of six inches. (Amended by Ord. No. 152,157, Eff. 5/13/79)

2. House connection sewers in easements over private property shall be constructed of only clay pipe with flexible joints, ABS and PVC plastic pipe or cast iron pipe, and may have an internal diameter of four or six inches. (Amended by Ord. No. 152,157, Eff. 5/13/79)

3. Upon proper application to the Board, the Board may permit the increase in the internal diameter of house connection sewers to not more than two inches less than

the internal diameter of the public sewer to which it is connected, if such increased diameter is in accordance with good engineering practice.

4. The quality of the pipe, the type of joint and other materials used, the manner of constructing house connection sewers, the backfilling of the trench, except where specifically provided for herein, or by the Board, shall be the same as is required by the latest specifications and standard plans for the construction of sanitary sewers in this City.

(c) Whenever, in connection with the construction or repair of a sewer connection, a hazardous excavation must be made or an excavation is to be made by tunneling under the surface of a street or alley, the Board may adopt such regulations and require such special inspections as it may deem necessary. The cost of such special inspection shall be estimated by the Board and paid as outlined in Section [64.15](#).

(d) All house connection sewers, unless otherwise authorized by the Board, shall be laid on a uniform grade of not less than two per cent, with a depth, measured to the invert, at the property line, of not less than four feet below the top of the existing curb or proposed curb at the nearest point. If there is no existing or proposed curb, then such house connection sewers shall be laid on a uniform grade of not less than two per cent, with a depth, measured to the invert, not less than four feet below the surface of the roadway, sidewalk or alley at the property line, unless a greater depth is required to serve such property.

(e) (None)

(f) Where a building is on or immediately adjacent to the property line, to which a sewer connection must be constructed, and an existing house sewer from said building ends at such property line at a depth of less than the depth required in this section for the upper end of a house connection sewer to be constructed to such property line; or where an earth bank over 4 feet in height exists adjacent to the curb line or property line, the Board shall adopt such regulations, for the construction of that portion of the house connection sewer between the curb line and property line, if in a street, and between the main sewer and the property line, if in an alley, walk or other public place improved or to be improved without a curb, which will meet such conditions better than the method of construction herein prescribed.

Where a main sewer exceeds 14 feet in depth the manner of constructing a house connection sewer from such a sewer shall be regulated by the Board.

(g) (Amended by Ord. No. 142,123, Eff. 7/31/71.) Persons making an excavation in any street or sidewalk for any of the purposes mentioned in Sections [64.12](#) to [64.22](#) inclusive, must maintain free access to all fire hydrants and water gates. All materials excavated shall be laid compactly along the side of the trench and kept

trimmed up so as to cause as little inconvenience as possible to public travel. If any excavation is made across any street or alley, at least one safe crossing must be maintained at all times for vehicles and pedestrians. Where required to keep traffic lanes and sidewalk passageways clear, tight board fences shall be used to hold excavated material. All gutters must be maintained free and unobstructed for the full depth of the adjacent curb and for at least one (1) foot in width from the face of such curb at the gutter line. All work shall be performed in accordance with the latest adopted manual entitled "Work Area Traffic Control", the latest adopted "Standard Specifications for Public Works Construction", any required plans and special specifications and shall be performed to the satisfaction of the Board.

If the warning signs, lights and devices required under this section are not promptly provided, the Board may provide them; the cost of such work performed by the Board may be billed to the permittee.

(h) Any excavation made for the purpose of making a house connection to a sewer shall be refilled in the manner required by this article within three days after inspection of the pipe by the Board, or within three days after the date of the completion of the excavation if no work is done therein. Nothing in this article contained shall be construed to allow a longer period of time therefor.

The top surface of the backfill shall conform closely enough to the level of the adjoining street or sidewalk surface and shall be compacted so that it is hard enough and smooth enough to be safe for pedestrian travel over it as well as for vehicular traffic to pass safely over it at a legal rate of speed. The permittee shall maintain the surface of the backfill in a condition safe for pedestrian and vehicular traffic until the said surface has been repaired by the Board, and said permittee shall be responsible for all accidents which may occur due to pedestrians traveling over or upon the site of the excavation as well as vehicles crossing said site at a legal rate of speed, until said surface has been so repaired. (Amended by Ord. No. 142,123, Eff. 7/31/71.)

If it is impracticable to maintain the surface of the backfill in safe condition for pedestrian travel or vehicular traffic, subject to concurrence by the inspector, then the permittee shall maintain barriers and lights around it in accordance with Subsection (g) hereof until the sidewalk and street pavements have been repaired. (Added by Ord. No. 142,123, Eff. 7/31/71.)

(i) The street surface excavated or damaged shall be replaced by the Board, and the cost thereof shall be recovered by the Board in accordance with the provisions of Section 62.05 of this Code. (Amended by Ord. No. 121,900, Eff. 6/4/62.)

(j) In all cases where the public records of a public sewer, or house connection sewer, do not correctly represent the existing condition of or conditions surrounding such sewer, or where, in the opinion of the Board, the physical conditions are such that strict compliance with the provisions of Section [64.12](#) to Section [64.22](#),

inclusive, if unnecessary or unreasonable, the Board is granted the power to make modifications for individual cases, and determine the procedure to be followed, and its decision shall be final.

(k) No person shall connect a 4-inch house sewer to a 6-inch house connection sewer without first installing a 6-inch by 4-inch by 4-inch increaser tee on the end of the 6-inch house connection sewer, or a six-inch by 4-inch increaser followed by a 4-inch by 4-inch by 4-inch tee branch.

SEC. 64.18. BONDED SEWERS - FEES. (Repealed by Ord. No. 140,189 and reenacted by Ord. No. 140,190, Eff. 5/11/70.)

(a) Any person desiring a permit to connect or to construct a Special House Connection Sewer or Bonded Sewer House Connection Sewer shall make a written application to the Board, giving such information as the Board may require. The Board may issue a permit to make such sewer connection upon payment of fees provided in Section 64.15 of this Code, and in addition thereto payment of a charge per front foot of the lot sought to be connected, if said lot is rectangular and has an ordinary area of approximately 6,500 square feet.

Such charge shall be determined and adopted in the same manner as provided in Section 12.37-I,1 of the Los Angeles Municipal Code for establishing fees. (Amended by Ord. No. 163,803, Eff. 8/15/88.)

(b) When the shape of a lot is other than the usual rectangular shape or unusual in area, and the strict adherence to the above mentioned provision would require a property owner to pay amount not commensurate with the benefits to be received, the provisions of this section as to the limits of the frontage of a lot to be assessed may be modified by the Board.

(c) Nothing in this section shall be deemed or construed to apply to the issuing of a permit for the construction of Bonded Sewer House Connection Sewers if the property sought to be connected, although abutting on a Bonded Sewer, has been duly assessed for a public sewer constructed in the front, rear or at the side of each property.

(d) Upon giving such information as the Board may require on forms to be furnished for the purpose, payment of the charges presently prescribed by Subsection (a) of this section, may be made in advance of the application for, or the issuance of, the permit to make such connection to any bonded sewer, and, upon such payment having been made, the applicant for the permit to connect shall be entitled to such permit upon payment of the fees prescribed in Sections 64.11.2, 64.15 and 64.16.1 hereof.

(e) All fees collected pursuant to this section shall be deposited into the Sewer Construction and Maintenance Fund established by Section 64.19.2 of this Code,

such monies to be expended for purposes set forth in said section and to provide for appropriate refunds relative to such fees. (Added by Ord. No. 153,238, Eff. 1/26/80.)

3. STANDARD SPECIFICATIONS

Standard Slope: Unless otherwise specified on the permit, the sidewalk grade shall be sloped upward from the existing curb at a rate of 2% (approx. ¼ inch per foot). New work required to join existing off-grade improvements may necessitate ramping or warping in order to construct the walk or driveway in a safe condition. (Consult Inspector or Permit Office).

Removals: When an existing curb is to be removed, the saw cut or joint shall be vertical and extend to the sub-soil. The curb that remains must be on grade, in good condition, and in proper alignment. For construction of a driveway, the curb shall be removed by saw cutting the gutter within 4 inches of the flow line. If the gutter is in poor condition, then it must be removed. When existing sidewalk or driveway is removed, cuts shall be made along scoring lines if the cut would fall within 12 inches of the scoring lines. If the saw cut would fall within 30 inches of a joint or edge, the concrete shall be removed to the joint or edge. The concrete shall be neatly sawed to a minimum depth of 1 ½ inches in straight lines parallel with, and/or right angles to, the alignment of the sidewalk and the concrete removed and reconstructed within the saw cuts.

Preparation of Subgrade: Remove all roots, broken concrete, trash, etc. Excavate soil to the required depth, thoroughly tamp the entire area, water the subgrade thoroughly the day before, and moisten the subgrade immediately before placing the concrete. Where existing improvements have been damaged by tree roots, the following procedures shall be used:

- 1) Cut roots causing damage at the tree trunk and remove to a depth of 10 inches below official subgrade.
- 2) Contact Bureau of Street Services, Service Request Section at (800) 996-2489 or the Street Tree Division, at (213) 485-5675 for a root trimming permit.
- 3) Backfill the excavated area with sand or aggregate.

In addition, where expansive soil is present a specified base material may be required.

CAUTION: If there are unusual circumstances or it appears that removal of the roots may endanger the tree, call the Street Tree Division, Bureau of Street Services, Street Tree Division at (213) 485-5675 and ask for instructions.

Fills: Any embankment or fill on which improvements are to be constructed shall be made using suitable material subject to approval by the Inspector. Clods or hard lumps of earth shall be broken up and no rocks or lumps of material over 2½ inches in size shall remain in the upper six inches of the fill. The relative compaction of the earthy material composing each layer of fill shall not be less than 90%.

Tools: The following tools are required to be on the job:

- 1) Carpenter's level
- 2) Wood float, steel trowel, edging tool, scoring tool
- 3) Grid or screen tamper, or other tamping device, to develop at least 3/8 inch of mortar
- 4) 1-inch x 6-inch x 10-foot straight edge, for use in checking grade and guiding scoring tool

Forms: Forms shall be nominal 2-inch lumber properly set and substantially held to the correct grade and line. Curb forms shall be full depth in back as well as in front. Front forms for driveway side slopes may be nominal 1-inch lumber. Freehand shaping of driveway side slopes is not permissible; the forms must be cut on an angle to the proper length.

Measurement of Concrete Materials: Transit Mixed Concrete is acceptable on all permit work, provided that Class 520-C-2500 concrete is furnished from an approved bunker. Each delivery transmit mixed concrete shall be accompanied by a delivery ticket, setting forth the weights of the material in the concrete. Class 520-C-2500 concrete shall be used for the construction of curbs, sidewalks, driveway gutters, catch basins, and local depressions.

Concrete Materials for Mixing at Job Site: Portland cement concrete shall consist of Portland cement (delivered in original sacks), washed concrete sand, and washed and graded screened gravel and/or crushed rock. Sand and rock shall be kept separate during delivery and when stock-piled at the job site. Consult the Inspector regarding the proportions of materials to be used in the mix and the method of measurement to be employed. Broken concrete shall not be mixed with or embedded in new concrete.

Thickness of Concrete:

Minimum thickness for sidewalk (see note below)..... 3 inches
Minimum thickness for driveway in R-1 or R-2 Zone..... 4 inches
Minimum thickness for all other driveways..... 6 inches

Note: New sidewalk to be constructed in line with a new or existing driveway apron shall be of the same thickness as required for a new driveway at that location. Existing sidewalk in line with a new or existing driveway apron in an R1 or R2 zone may be left in place, provided such a sidewalk is in good condition and lies on standard slope, and the apron has adequate "Y" distance.

Separation of Curb and Sidewalk: A curb and adjacent sidewalk shall not be constructed monolithically. When it is desired to construct an adjoining curb and sidewalk on the same day, the curb shall be constructed first then a layer of building paper - held in proper position and extending the full thickness of the sidewalk - shall

be used as a separator between the concrete of the curb and the concrete of the walk. Exception: The depressed curb for a driveway may be poured monolithically with the driveway.

Expansion Joints: Approved expansion joint filler material shall be placed only around utility poles located in the sidewalk. The expansion joint filler strips shall extend the full depth of the sidewalk being placed.

Weakened-Plane Joints: Only approved plastic control joints shall be placed at the following locations:

- 1) **Driveway:** Plastic control joints shall be installed on both sides of a driveway and at approximately 10-foot intervals within the driveway if the driveway exceeds 15 feet.
- 2) **Sidewalk:** Plastic control joints shall be perpendicular to the curb and at regular intervals not exceeding 10 feet. Joints for the full walk width shall be placed at the BCR (beginning of curb return), MCR (middle of curb return) and ECR (end of curb return) of all walk returns except at the BCR of alleys and the ECR of alleys if walk is not full width of parkway. They shall be located for the full walk width each side of tree wells.
- 3) **Curb and Gutter:** Plastic control joints shall be installed at regular intervals not exceeding 20 feet. They shall also be located at the ECR of alley returns where walk is full width of parkway and at the BCR, MCR, and ECR of all other returns. Where the gutter is adjacent to the concrete pavement, the joints shall be aligned with the pavement joints where practical. In lieu of plastic-control joints, 1-inch deep saw cuts may be used. Concrete sawing shall take place within 24 hours after the concrete is placed.

BCR = Beginning of Curb Return

MCR = Middle of Curb Return

ECR = End of Curb Return

Sidewalk Coloring: Coloring of a sidewalk or a driveway is permitted only when authorized by the permit. **A Revocable Permit is required.** Utility and other agencies may trench in the colored sidewalk, and they do not have to resurface with the same color concrete. Sidewalk coloring is not encouraged. When a colored sidewalk or driveway is authorized, only subdued colors such as lamp black, red oxide, slate blue, or similar colors may be used. The same solid color shall extend along the full frontage of the lot, including the driveway (if any). Partial coloring or checkerboard patterns of two or more colors will not be permitted.

Coloring of the full height curb will not be permitted, but authorization may be granted for coloring the depressed curb, which is poured monolithically with a colored driveway.

A colored sidewalk or driveway may be constructed in one or two courses. If constructed in one course, the coloring shall extend throughout the full thickness. Dusting the top surface of the concrete with the coloring material will not be permitted. If construction is to be in two courses, the second or top course shall be of colored mortar ½ inch thick (1 part cement to 1 ½ parts sand, with color added to suit). This mortar must be mixed in a concrete mixer. The second course shall be placed on the first course within one hour after placing the first course.

When reconstructing portions of a colored sidewalk or driveway, the existing color shall be matched as closely as possible.

Roof Drains: A drain shall be constructed beneath the sidewalk to connect the building drain to the curb outlet. Openings shall be provided in the new curb for all existing roof drains. Roof drains shall be 4-inch cast iron pipe, 4-inch iron ductile pipe, 4-inch asphalt impregnated fiber duct, rectangular drain pipe conforming to Standard Plan 5-503, 4-inch polyvinyl chloride pipe with joints, thickness and composition approved by the Engineer, 4-inch standard thickness galvanized steel pipe, 4-inch plain end vitrified clay pipe, 4-inch nonreinforced concrete pipe with tongue and groove mortared joints, or comparably sized conduit of other shape and material approved by the City Engineer. Outlets shall be laid on a straight grade from the property line to one inch back of the curb face, with a minimum slope of 1/8-inch per foot. A drainpipe shall have a minimum of 2-inch clearance from the top of the curb. The outlet invert shall be 1/2-inch above the gutter flow line. Where the curb face is 6 inches or less in height, the invert of the outlet may be placed at the elevation of the gutter flow line and/or a 3-inch pipe may be used. Two 3/8-inch or larger diameter reinforcing bars 18 inches long shall be imbedded in the curb centered over the roof drain.

Drainage Outlets Through Existing Curbs and Sidewalks: A drain to be constructed through an existing concrete curb must be installed either through a drilled hole or by removing a section of curb down to subgrade and at least 7 inches from each side of the outside surface of the pipe. A drain to be constructed under existing concrete sidewalk requires removal (with sawcut edges) and reconstruction of full squares of the sidewalk or minimum width of 30 inches. All concrete curb or sidewalk which is cracked by the above operations must be removed and reconstructed.

Concrete Finishing:

Work Finish Required

Sidewalk finish on level or nearly level streets (where slope is less than 6% grade)

Finish Required

Fine hair-broom finish

Sidewalk on streets where slope is over 6%	Wood float finish
“Y” slope and “X” slope area of driveways, including top surfaces of curb	Wood float finish (roughen curb when depression is saw cut)
All curb except top of depressed curb	Fine hair-broom finish

NOTE: Side slope (X-slope) curb forms for all driveways shall be removed during or immediately after finishing the surface of the driveway. The curb face within the side slope area shall then be given a fine hair broom finish.

Scoring Lines: Scoring lines shall have a minimum depth of 1/4-inch and a radius of 1/8-inch. Sidewalks with a width of 20 feet or more, shall have a longitudinal center scoring line. The longitudinal scoring line shall be parallel to, or concentric with, the curb line. However, when new sidewalk is constructed adjacent to existing sidewalk, scoring lines shall correspond to existing scoring.

Parkway Fill-In (When Permitted under City Standards): The City reviews each case separately. In residential areas, parkway is preferred unless the entire street block will be filled-in. In commercial areas, full-width sidewalk (no parkway) is preferred.

- 1) Portland cement concrete is the most desirable material for paving in the parkway area. Any other material and type requires a Revocable Permit.
- 2) Existing sidewalk and curb, to be joined, must be on grade and in good condition.
- 3) The forms at each end shall be set at right angles to the curb and in line with scoring lines (if any) in the existing sidewalk. This may necessitate paving a small portion of the parkway in front of the adjoining property.
- 4) Case I side slopes at existing driveways may have to be reconstructed to Case II side slopes as part of the parkway paving operation.
- 5) Trees and tree wells may be required as a condition of allowing parkway fill-in.

Quality of Work: All work is to be done in accordance with the current edition of Standard Specification for Public Works Construction and Standard Plan No. [S-610](#), otherwise, it will not be accepted.

Curing: All new concrete shall be watered and kept moist for a minimum of five days, or an approved curing compound may be sprayed on the newly finished work. (Consult Inspector).

Waste: Wash-water or waste material from concrete mixers or trucks shall not be dumped into the gutter or into any sewer or storm drain. All form lumber, broken concrete, surplus dirt, sand, and rock shall be removed from the job site as soon as the construction work is completed.

Non-Standard Construction: When standard plans cannot be followed because of local conditions, a waiver must be signed by property owner before the permit is issued and the permit shall specify deviations from standard construction.

Layout of Driveways

Widths of Driveways The minimum width of an apron shall be 10 feet in the A, RE, RS, R1, R2, and RW zones and 12 feet in the RD, R3, R4, R6, C, M, P, and PB zones, measured along the existing or proposed curb line or, if neither exists, then measured as directed by the City Engineer. The maximum width of an apron shall be 18 feet, measured along the curb line, when serving a lot in the A or R zones and 30 feet when serving a lot in the C, M, P or PB zones, as said zones are provided for by Article 2, Chapter 1, of the Los Angeles Municipal Code. Exceptions to such limits may be granted by the Board of Public Works upon recommendation by the City Engineer.

Where a utility pole restricts an area in which a driveway is to be constructed, a Case 3 or Case 4 driveway may be constructed to abut the pole.

There must be a minimum of 20 feet of full-height curb between driveways that serve the same lot. There must be a minimum of 20 feet of full-height curb in front of each lot where street frontage of the property served is greater than 40 feet. Where such frontage is 40 feet or less, continuous curb space shall be retained in front of each lot equal to one-half the length of the frontage, except that this provision shall not be applied to prevent the construction of one driveway having a minimum width of 10 feet in the A, R, RS, R1, R2, and RW zones and 12 feet in the RD, R3, R4, R5, C, M, P and PB zones.

Where driveways serve separate lots, and are so located that at least two feet of full-height curb cannot be constructed separating said driveways, then the two driveways shall be merged into one. This necessitates removal of the entire existing side slope.

The City Engineer shall enumerate any exceptions to the above listed requirements on the permit.

Effect of Side Lot Lines on Driveways The side slope of a Case I or Case II driveway, or the 3-foot radius curb return of a Case III or Case IV

driveway, may extend in front of an adjoining lot without the consent of the owner of the adjoining lot. No other portion of a driveway approach may extend in front of an adjoining lot without the written consent of the owner of said adjoining lot. For this purpose, the division between two lots shall be a line passing through the common lot corner at right angles or radial to the curb line regardless of the direction of the side lot line.

All driveways shall be constructed at right angles to the curb. Where the curb line is curved, the driveway shall be constructed on a line radial to the curb.

Prohibited Locations for Driveways:

- 1) No portion of a driveway shall be constructed between the prolonged intersecting property lines at any street or alley intersection or between the points of curvature of any curb return having a radius of 20 feet or less. The permit shall enumerate any exceptions. Under certain conditions a driveway may be merged with an adjacent alley intersection. Consult Permit Office.
- 2) No driveway shall be located where only ingress of vehicles onto private property is possible. (Examples are loading docks or doorways adjoining the public sidewalk, where vehicles parked across the sidewalk would prevent full and free use of the sidewalk by pedestrians).
- 3) No driveways shall be located where ingress of vehicles onto private property is impossible.
- 4) No driveways shall be permitted for front yard parking.

Abandoned Driveway: Driveways or depressed curbs, abandoned and no longer in use, shall be removed and replaced with full-height curb and sidewalk. Class "A" permits for new improvements will not be valid until all abandoned driveways at the job location are closed as outlined above.

Existing Depressed Curb: The existing depressed curb must be in conformance with the latest standard plan before a new approach may be constructed adjacent thereto. A nonconforming existing depressed curb shall be rebuilt in accordance with current standards.

Driveways on Unimproved and Partially Improved Streets:

Curb Only – Street Not Paved: At locations where the curb has been constructed but the street is not paved, the driveway depression shall be constructed 7 ½ inches below the top of the curb, unless otherwise

specified by the permit. The front form for the driveway depression shall extend to the bottom of the depressed curb across the full width of the driveway.

Street Paved – No Curb: At locations where streets are surfaced but no curb has been installed, concrete is not permitted. If asphalt or rock and oil are used, a recorded waiver signed by the owner is required at the time he applies for the permit. (Consult Permit Office.) Driveways of this type are considered temporary improvements. Such permits are issued on a revocable basis.

No Curb – Street Not Paved: Consult the Permit Office for the established elevation and grade of the street abutting your property. The driveway shall then be constructed to the elevations furnished by the Bureau of Engineering.

Curb with Street Paved: Construct depressed portion of the curb $\frac{1}{2}$ inch above the existing pavement. Where the curb face is 6 inches or less, if the pavement adjacent to the curb is asphalt or rock and oil, construct the depressions flush with the pavement, omitting the $\frac{1}{2}$ inch lip.

Where the full height or a depressed curb for a driveway is constructed next to an existing asphalt surface, the permittee will be responsible for paving the slot resulting from the removal of the curb form.

Where no sidewalk exists, unless otherwise specified on the permit, the back edge of the driveway (the top of the “Y” slope) shall be set at a grade upward from the existing curb at a rate of an inch per foot (2%).

The elevation of the back of a driveway (at the property line) shall be above the top of the curb to prevent flooding of the property when the storm water in the street is at the top of the curb.

According to the American Disability Act, the width of the sidewalk behind a driveway shall not be less than 4 feet. The slope across the sidewalk shall not be greater than 2% downward toward the curb.

4. STANDARD PLANS