

TO BE CONSTRUCTED IN  
TRACT NO. 82498

15716 TETLEY STREET, PC NO. 12490

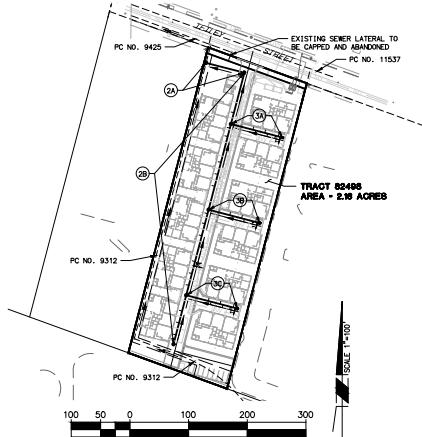
2 SHEETS: 3 PAGES

COUNTY OF LOS ANGELES CALIFORNIA

CSMD INDEX E-2173  
EIMP 2021000597

**BENCHMARK**  
 OTTERBEIN QUAD  
 G4633 ELEVATION: 441.132' (NAVD 88 DATUM,  
 2013 ADJUSTMENT)  
 DESCRIPTION: DPW BM TAG IN S CB 1FT W/O BCR  
 @ SW COR HACIENDA BLVD & TETLEY ST

PER TITLE 20-24-149 OF LA COUNTY CODE, OBSTRUCTING ACCESS TO SEWER FACILITIES IS PROHIBITED. ANY CONSTRUCTION ACTIVITIES ABOVE SHALL BE LOCATED OVER THE SEWER EASEMENTS AS TO INTERFERE WITH READY ACCESS TO SEWER FACILITIES.



BUILDING AND SAFETY DISTRICT OFFICE: LA PUENTE  
 NOTES: NUMBER IN CIRCLE INDICATES PAGE NUMBER.  
 ALL MAINLINE SANITARY SEWERS ARE WITHIN  
 THE SANITARY SEWER EASEMENT

INDEX MAP  
 CSMD INDEX E-2173  
 P.C. 12490 TR. NO. 92498

**PRIVATE CONTRACT SEWER GENERAL NOTES:**

- THE FOLLOWING GENERAL NOTES ARE TO BE INCLUDED ON PAGE 1 OF ALL PRIVATE CONTRACT SEWER PLANS:
- A SEWER CONSTRUCTION PERMIT SHALL BE OBTAINED AND A FEE PAID FOR CONSTRUCTION INSPECTION AND RECORD PLANS TO THE LA COUNTY PUBLIC WORKS AT [HTTPS://EPILA.LACOUNTY.GOV](https://epila.lacounty.gov) AT LEAST 4 EIGHTS PRIOR TO YOUR DESIRED START-UP DATE. COPIES OF ALL OTHER REQUIRED PERMITS, SUCH AS ROAD EXCAVATION, CATCH BASIN, AND SEWER CONSTRUCTION PERMIT, SHALL BE PROVIDED TO THE CONTRACTOR.
  - WHEN WORK IS WITHIN A CONTRACT 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 THE CONTRACT CITY TO DETERMINE THE REQUIREMENTS FOR CONSTRUCTION.
  - WHEN WORK IS ENCROACHING INTO FLOOD CONTROL DISTRICT EASEMENT AND/OR CROSSING ITS FACILITIES, A FLOOD CONTROL PERMIT SHALL BE OBTAINED FROM THE LA COUNTY FLOOD CONTROL DISTRICT AT [HTTPS://EPILA.LACOUNTY.GOV](https://epila.lacounty.gov). YOU MAY CONTACT LAND DEVELOPMENT DIVISION, PERMIT SECTION, PUBLIC COUNTER AT 626-458-9261.
  - PER 101-10.54 ANY PERMIT, THE CONTRACTOR SHALL FILE A PERMIT FOR EXCAVATIONS AND TRENCHES FROM THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY, AND A CERTIFICATE OR WORKERS' COMPENSATION INSURANCE WITH THE DEPARTMENT OF PUBLIC WORKS NAMES AS THE CERTIFICATE HOLDER OR BOTH AS THE INSURED. THIS REQUIREMENT IS SUBJECT TO THE APPROVAL OF THE 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. YOU MAY CONTACT THE STATE HIGHWAY POLICE SECTION, PUBLIC COUNTER AT 626-458-9261.
  - THE CONTRACTOR SHALL CONTACT THE DISTRICT OFFICE LISTED ON THE APPLICATION FOR CONSTRUCTION PERMIT TO ARRANGE FOR AN ACCEPTABLE CONSTRUCTION START DATE.
  - APPROVAL OF THE CONTRACTOR'S DESIGN DRAWINGS SHALL CONSTITUTE A REPRESENTATION AS TO ACCURACY OF THE LOCATION OF OR THE EXISTENCE OR NONEXISTENCE OF ANY UNDERGROUND UTILITY PIPE OR STRUCTURE WITHIN THE LIMITS OF THIS PROJECT. THIS NOTE APPLIED TO ALL PAGES.
  - ALL DRAWINGS SHALL BE DRAWN IN ACCORDANCE WITH 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 (SPWP)", AND SHALL BE PROVIDED TO THE CONTRACTOR.
  - THE CONTRACTOR'S ATTENTION IS DIRECT 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 FOR CONSTRUCTION" IN SECTION 7-10-4.2.
  - ELEVATIONS ARE IN FEET ABOVE U.S.C. AND G.S. SEA LEVEL DATUM OF 1989.
  - NO REVISIONS SHALL BE MADE IN THESE PLANS WITHOUT THE APPROVAL OF LA COUNTY PUBLIC WORKS.
  - ALL DRAWS SHALL BE DRAWN IN ACCORDANCE WITH THE STANDARDS AND 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 THE DRAWINGS. GRADE LINE DRAWINGS SHALL BE ESTABLISHED SO AS TO CONFORM TO A STRAIGHT LINE DRAWN BETWEEN SAID DESIGN POINTS.
  - THE PRIVATE ENGINEER SHALL FURNISH THE COUNTY OF LA COUNTY PUBLIC WORKS WITH GRADE SHEETS AND THE CONTRACTOR SHALL FURNISH THE COUNTY OF LA COUNTY PUBLIC WORKS WITH GRADE SHEETS AT THEIR PROPER LOCATIONS WITH STATIONING PLAINLY MARKED. ALL HOUSE LATERALS SHALL BE CONSTRUCTED IN A STRAIGHT ALIGNMENT AT RIGHT ANGLES FROM THE MAIN LINE SEWER EXCEPT AS SHOWN ON THE PLANS. HOUSE LATERALS SHALL BE SHOWN AS A LINE OF STATIONING CONSISTENT WITH THE M.L. SEWER. ANY CHANGE IN 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.
  - CONTACT ENVIRONMENTAL PROGRAMS DIVISION FOR AN INDUSTRIAL WASTE DISCHARGE PERMIT AT (626) 458-3517.

**STORMWATER POLLUTION PLAN NOTES**

A. NOTES:  
 1. EVER SPILL SHOULD BE MADE TO ELIMINATE THE DISCHARGE OF NON-STORMWATER FROM THE PROJECT SITE AT ALL TIMES.  
 2. LOOSE SEDIMENT AND OTHER PARTİANTS MUST BE RETAINED ON-SITE AND MAY NOT BE TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.  
 3. STOCKPILES OF EARTH AND OTHER CONSTRUCTION RELATED MATERIALS MUST BE PROTECTED FROM BEING TRANSPORTED FROM THE SITE BY THE FORCES OF WIND OR WATER.  
 4. 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 APPROPRIATE CONTAINERS ARE TO BE PROTECTED FROM THE WEATHER. SPILLS MUST BE CLEANED UP IMMEDIATELY AND DISPOSED OF IN A PROPER MANNER. SPILLS MAY BE REPORTED TO THE LOCAL FIRE DEPARTMENT.  
 5. 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.  
 6. TRANSIENT CONSTRUCTION RELATED SOLID WASTES MUST BE DEPOSITED INTO A COVERED RECEPACLE TO PREVENT CONTAMINATION OF RAINWATER AND DISPERSAL BY WIND.

7. SEDIMENTS AND OTHER MATERIALS MAY NOT BE TRACKED FROM THE SITE BY VEHICLE TRAFFIC. THE CONSTRUCTION ENTRANCE ROADWAYS MUST BE STABILIZED SO THAT NO MATERIALS FROM THEM BEING DEPOSITED INTO THE PUBLIC WAY. ACCIDENTAL DEPOSITIONS MUST BE SWEEPED UP IMMEDIATELY AND MAY NOT BE WASHED DOWN BY RAIN OR OTHER MEANS.

8. ANY SLOPES WITH DISTURBED SOILS OR DENUDED OF VEGETATION MUST BE STABILIZED SO AS TO INHIBIT EROSION BY WIND AND WATER.

9. THE FOLLOWING BMP'S AS OUTLINED IN, BUT NOT LIMITED TO, THE LATEST EDITION OF THE CALIFORNIA BMP HANDBOOK (CONSTRUCTION OR CALTRANS STORMWATER QUALITY MANAGEMENT PLANS) (CONSTRUCTION SITE BMP'S) SHALL BE FOLLOWED DURING THE CONSTRUCTION OF THIS PROJECT (ADDITIONAL MEASURES MAY BE REQUIRED IF DEEMED APPROPRIATE BY THE PROJECT ENGINEER OR THE BUILDING OFFICIAL).

**NON-STORM WATER MANAGEMENT**

EC1 SCHEDULING  
 EC2 PRESERVATION OF EXISTING VEGETATION  
 EC3 HYDROLOGIC MULCH  
 EC4 SOIL STABILIZATION  
 EC5 SOIL BINDERS  
 EC6 STRAW MULCH  
 EC7 ECOLOGICAL SOD MATS  
 EC8 WOOD MULCHING  
 EC9 EARTH DIKES AND DRAINAGE SWALES  
 EC10 VEHICLE DISSIPATION DEVICES  
 EC11 VEHICLE DISSIPATION DEVICES  
 EC12 STREAMBANK STABILIZATION  
 EC13 RESERVED  
 EC14 CONCRETE PLACEMENT  
 EC15 SOIL PREPARATION/UGHENING  
 EC16 NON-VEGETATED STABILIZATION  
**WIND EROSION CONTROL**  
 WE1 WIND EROSION CONTROL  
**EQUIPMENT TRACKING CONTROL**  
 TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT  
 TC2 STABILIZED CONSTRUCTION ROADWAY  
 TC3 ENTRANCE/OUTLET TEE WASH

**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  
 200-0 LEGEND FOR SANITARY SEWER PLANS AND PROFILES AND DISTRICT MAPS  
 200-2 SANITARY SEWER PLANS AND PROFILES  
 200-3 REINFORCED PRECAST CONCRETE MANHOLE  
 200-4 RECTANGULAR SHALLOW MANHOLE  
 201-1 RECTANGULAR MANHOLE FRAME AND COVER  
 201-5 STANDARD MANHOLE STEP.

STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPWC)  
 201-1 BEDDING FOR SEWER PIPE  
 202-3 CRADLING AND ENCASING  
 202-4 WYE OR TEE SUPPORT  
 202-5 ERGONOMIC DESIGN IN STEEP SLOPES  
 202-7 ALLOWABLE TRENCH WIDTHS  
 6008-1 MINIMUM PUBLIC SAFETY REQUIREMENTS  
 2100-1 REQUIREMENTS FOR SANITARY SEWERS NEAR WATER MAINS  
 225-3 CHIMNEYS  
 225-4 BACKFILL AND BAGGERS AND BAGGERS STABILIZERS  
 225-5 HOUSE CONNECTION SEWER  
 225-6 HOUSE CONNECTION REMODELING  
 225-2 BLANKET PROTECTION FOR PIPES

**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.
- VITRIFIED CLAY PIPE JOINTS SHALL BE TYPE "D" OR "P" PER STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 200-3, CASE II.
- IF A POWER POLE IS WITHIN THREE FEET OF THE SEWER, THE SEWER SHALL BE ENCASED PER LAPCW STANDARD PLAN 202-2, CASE II, TWO FEET ON EACH SIDE FROM THE POINT OF INTERFERENCE.
- ALL MANHOLE TOPS SHALL BE LOCATED WITHIN ONE INCH OF THE CURB LINE, WITH A RUBBER SLEEVE JOINT, TYPE "D" (WITH BUSHING IF NECESSARY), PER STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION SECTION 200-2.
- HOUSE LATERALS SHALL BE CONSTRUCTED WITH INVERTS AT THE PROPERTY LINE 6 FEET BELOW THE CURB LINE EXCEPT AS NOTED.
- WYE OR TEE BRANCHES MAY BE USED FOR CONNECTIONS TO THE MAINLINE SEWERS EXCEPT AS NOTED.
- THE DATE OF CONSTRUCTION IS TO BE DETERMINED SO THAT THERE IS LESS THAN FOUR FEET OF COVER OVER THE TOP OF THE PIPE. THE CONTRACTOR SHALL NOT EXCAVATE UNLESS APPROVED BY THE LA COUNTY PUBLIC WORKS ENGINEER PER LAPCW STANDARD PLAN 202-3, CASE II UNLESS OTHERWISE APPROVED BY THE LOS ANGELES COUNTY PUBLIC WORKS OR THE CITY OF LA PUENTE.
- ALL PRECAST CONCRETE SEWER MANHOLES PER LAPCW STANDARD PLAN 5-36 (SPWP 200-3), OR REINFORCED PRECAST MANHOLE PER LAPCW STANDARD PLAN 200-3, EXCEPT AS NOTED.
- REINFORCED PRECAST MANHOLE WITHIN PAVED AREAS TO MEET LOS ANGELES COUNTY PUBLIC WORKS OR CALIFORNIA STATE HIGHWAY REQUIREMENTS IN ACCORDANCE WITH THE PERMITS.
- FULL COMPLIANCE WITH SECTION 305.3 OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" WILL BE REQUIRED FOR BACKFILL, COMPACTION, AND SAND EQUIVALENTS BY A QUALIFIED CIVIL ENGINEER SHALL BE PROVIDED TO THE PERMITTER PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- ALL BACKFILL AND FILLS ON SIDE OF THE STREETSIDE OF DRAWS SHALL BE COMPACTED TO 90 PERCENT OF THE MAXIMUM DENSITY AS PROVIDED IN THE CONTRACTOR'S DRAWS. THE CONTRACTOR SHALL NOT EXCAVATE UNLESS APPROVED, 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 PRIOR TO THE ISSUANCE OF A CERTIFICATE OF PARTIAL ACCEPTANCE.
- MANHOLE TOPS IN UNPAVED RIGHTS OF WAY TO BE SIX INCHES ABOVE FINISHED GRADE.
- SEWERS TO BE TESTED FOR LEAKAGE PER SECTION 305-1.4 OF THE "STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION" SECTION 200-3.
- 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 10 FEET FROM ANY MANHOLE.
- ALL PIPE MATERIALS SHALL BE EXTRA STRENGTH VITRIFIED CLAY PIPE OR DUCTILE IRON PIPE OR OTHER APPROVED MATERIALS BY LOS ANGELES COUNTY PUBLIC WORKS.
- ALL DUCTILE IRON PIPE SHALL BE COATED WITH 40 CERAMIC EPOXY LINING.
- ALL IN-PLACE PIPE LININGS SHALL BE USED FOR ALL EXTRA VITRIFIED CLAY PIPE IF LINING IS REQUIRED.
- ALL CHIMNEYS SHALL HAVE TERMINAL CLEANOUT STRUCTURE PER SPWP STD. PLAN 204-2 WITH TRAFFIC RATED FRAME AND DOORS.
- ALL SEWER LATERAL PIPE MATERIALS SHALL BE VITRIFIED CLAY PIPE OR OTHER APPROVED MATERIALS BY LOS ANGELES COUNTY PUBLIC WORKS.

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE CONTINUED MAINTENANCE OF PC 12490 SANITARY SEWER UNTIL THE COUNTY FORMALLY ACCEPTS IT FOR USE. THE CONTRACTOR SHALL MAINTAIN ALL LATERALS AND LATERALS SHALL BE PROTECTED FROM DAMAGE AND INFILTRATION.

EXISTING SEWER SYSTEM SHALL BE OPERATIONAL AT FULL CAPACITY DURING CONSTRUCTION/RECONSTRUCTION. NOTIFY AFFECTED HOMEOWNERS AT LEAST 72 HRS IN ADVANCE.

ALL SANITARY SEWER MANHOLE SHAFTS AND FRAMES SHALL BE WATERPROOF WITH BUTYL RUBBER MASTIC AND SEALANT APPROVED EQUAL BY THE LA COUNTY PUBLIC WORKS.

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

SEWER LATERALS SHOWN ON PLANS ARE FOR REFERENCE ONLY.

BACKWATER VALVES (BWV) MAY BE REQUIRED FOR UNITS 2 PER PLUMBING CODE SECTION 710

COUNTY SANITATION DISTRICTS (CSD) NOTES  
 1. NO CONNECTION FOR THE DISPOSAL OF INDUSTRIAL WASTES SHALL BE MADE TO SEWERS SHOWN ON THESE PLANS UNTIL A PERMIT FOR INDUSTRIAL WASTE DISCHARGE HAS BEEN ISSUED BY THE LA COUNTY PUBLIC WORKS.  
 2. LACDS WILL NOT OWN/OPERATE ANY FACILITIES SHOWN ON THESE PLANS UNLESS ALREADY OWNED BY LACDS OR UNLESS OTHERWISE SPECIFIED ON PLANS FOR THESE PLANS.  
 3. PROVIDED THAT THE CONTRACTOR AGREES TO PAY THE CONTRACTOR'S SHARE OF THE COST OF MAINTENANCE AT (310) 638-1181 UPON COMPLETION OF THIS LOCAL SEWER THAT INDIRECTLY DISCHARGES INTO CSD SEWER SYSTEM. (FOR PROJECTS IN THE LA BASIN)

THIS DRAWING IS ATTACHED TO AND MADE PART OF PERMIT # PWPRP202008555.

ANY DEVIATION FROM THE ATTACHED DRAWING WITHOUT WRITTEN AUTHORIZATION FROM THIS DEPARTMENT WILL VOID THIS PERMIT

PERMIT WRITER: BH  
 DATE: 01/09/2023

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 SHALL NOT EXCAVATE OR DISTURB ANY EXISTING UTILITY LINES OR OTHER UTILITIES SHOWN ON THESE PLANS UNLESS APPROVED BY THE CONTRACTOR. 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 THE CUMMING OF GENERAL ELECTRIC COMPANY AT 1-800-461-1151 THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

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