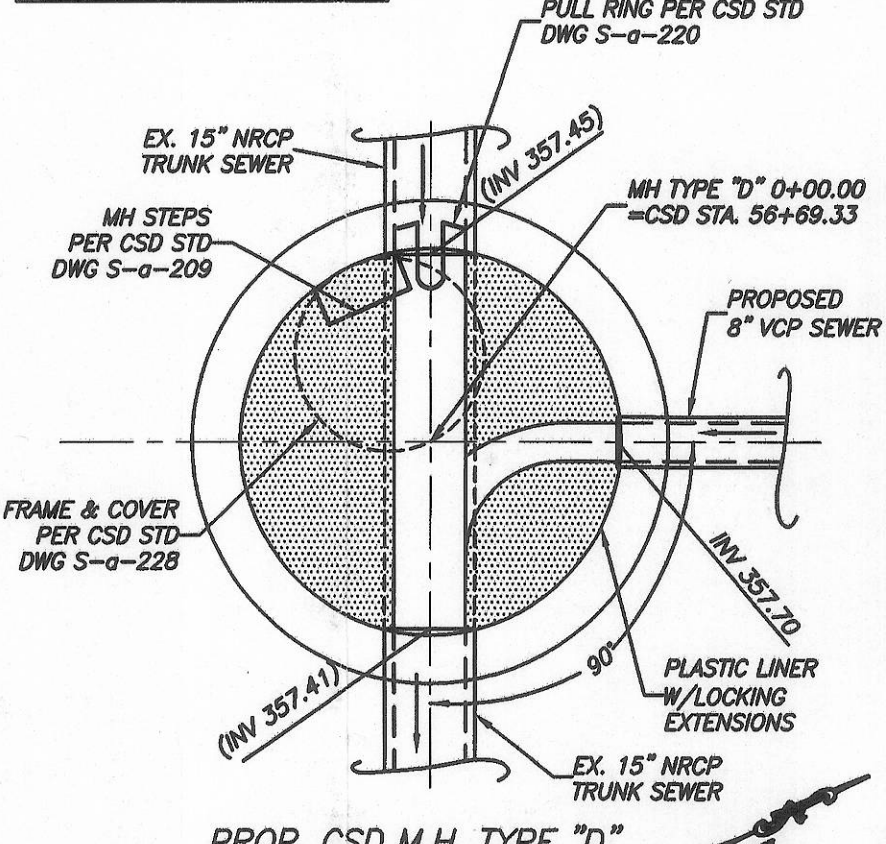
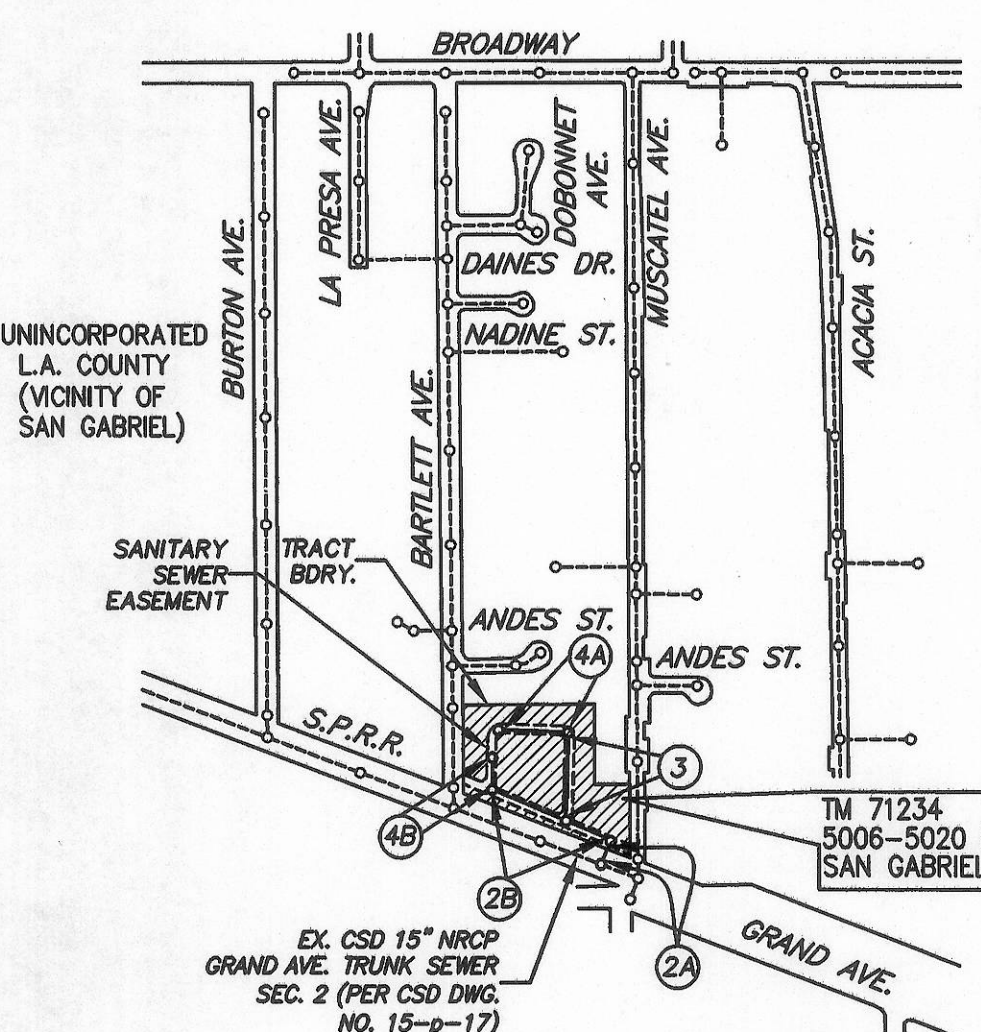


BENCH MARKS
 BM 6676 Elev. 397.775
 LAT IN W CB 11M S/O BOR GSW COR
 BROADWAY & MUSCATEL AVE
 QUAD (YEAR): ARCADIA (2005)

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) to interfere with ready access to sewer facilities.



INDEX MAP
 SCALE: 1"=600' CSDM INDEX E-2018
 PC NO. 12130 TR. NO. 71234
 GRAND AVENUE
 THOMAS GUIDE PAGE: 596-65

| NO. | REVISION | REVISED BY | APPROVED BY | DATE |
|-----|----------|------------|-------------|------|
| | | | | |

NOTES:
 1. THE CONTRACTOR SHALL PARTIALLY FORM THE BASE OF THE PROPOSED MANHOLE AROUND THE EXISTING PIPE. WHEN ALLOWED BY THE COUNTY SANITATION DISTRICTS ENGINEER/INSPECTOR, THE CONTRACTOR SHALL BREAK OUT THE EXISTING PIPE. INSERT A FLEXIBLE SLEEVE TO CONTAIN THE FLOW AND COMPLETE CHANNELIZATION OF THE MANHOLE BASE IN THE DRY. ALL WORK SHALL BE DONE AS DIRECTED BY THE ENGINEER/INSPECTOR.
 2. EXISTING INVERTS SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
 3. CONSTRUCT MANHOLE PER COUNTY SANITATION DISTRICTS STANDARD DRAWING S-204.
 4. SUBMIT MANHOLE SHOP DRAWING, STACKING PLAN, SHORING PLAN, ETC. TO THE COUNTY SANITATION DISTRICTS FOR APPROVAL PRIOR TO CONSTRUCTION.
 5. THE CONTRACTOR IS ADVISED THAT PEAK FLOW IN 15-INCH SEWER WAS MEASURED TO BE 1,000 GPM (OR, 0.5 FEET WATER DEPTH) IN SEPTEMBER 2013. THIS WORK DESCRIBED IN NOTE 1 ABOVE MAY HAVE TO BE PERFORMED DURING NIGHTTIME WORKING HOURS.
 6. NOTIFY THE CSD RESIDENT ENGINEER, MR. ABDUL EDOUNI, AT (626) 962-8605 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF MANHOLE CONSTRUCTION TO ARRANGE FOR INSPECTION.

CONTRACTOR TO PROTECT AND PRESERVE IN PLACE ALL SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE RESET BY A LICENSED LAND SURVEYOR AND THE APPROPRIATE CORNER RECORD MUST BE FILED WITH THE COUNTY OF LOS ANGELES.

STORMWATER POLLUTION PLAN 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 forces of wind or water.
- Fuels, oils, solvents, and other toxic materials must be stored in accordance with their labeling and are not to contaminate the soil and surface waters. All approved storage containers are to be protected from the weather. The construction entrance roadways must be stabilized so as to inhibit sediments from being deposited into the public way. Accidental depositions must be swept up immediately and may not be washed down by rain or other means.
- 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 waste must be disposed into a covered receptacle to prevent contamination of rainwater and dispersal 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 depositions must be swept up immediately and may not be washed down by rain or 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 California Stormwater Quality Handbook (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):

| | | |
|---|--|---|
| EROSION CONTROL | NON-STORM WATER MANAGEMENT | WASTE MANAGEMENT AND MATERIALS POLLUTION CONTROL |
| EC1 SCHEDULING | NS1 WATER CONSERVATION PRACTICES | WM1 MATERIAL DELIVERY AND STORAGE |
| EC2 PRESERVATION OF EXISTING VEGETATION | NS2 DEMONSTRATION OPERATIONS | WM2 MATERIAL USE |
| EC3 HYDRAULIC MULCH | NS3 PAVING AND GRINDING OPERATIONS | WM3 STOCKPILE MANAGEMENT |
| EC4 HYDROSEEDING | NS4 TEMPORARY STREAM CROSSING | WM4 SPILL PREVENTION AND CONTROL |
| EC5 SOIL BINDERS | NS5 CLEAR WATER DIVERSION | WM5 SOLID WASTE MANAGEMENT |
| EC6 STRAW MULCH | NS6 FLUJIT CONNECTION/CHARGE | WM6 HAZARDOUS WASTE MANAGEMENT |
| EC7 GEOTEXTILES & MATS | NS7 POTABLE WATER TREATMENT | WM7 CONTAMINATION SOIL MANAGEMENT |
| EC8 WOOD MULCHING | NS8 VEHICLE AND EQUIPMENT CLEANING | WM8 CONCRETE WASTE MANAGEMENT |
| EC9 EARTH DICES AND DRAINAGE SWALES | NS9 VEHICLE AND EQUIPMENT FUELING | WM9 SANITARY/RESTROOM WASTE MANAGEMENT |
| EC10 VELOCITY DEGRADATION DEVICES | NS10 VEHICLE AND EQUIPMENT MAINTENANCE | WM10 LIQUID WASTE MANAGEMENT |
| EC11 SLOPE GRASS | NS11 PILE DRIVING OPERATIONS | TEMPORARY SEDIMENT CONTROL |
| EC12 STREAMBANK STABILIZATION | NS12 CONCRETE CURING | SE1 SILT FENCE |
| EC13 RESERVED | NS13 CONCRETE FINISHING | SE2 SEDIMENT BASIN |
| EC14 COMPOST BLANKETS | NS14 MATERIAL AND EQUIPMENT USE | SE3 SEDIMENT TRAP |
| EC15 SOIL PREPARATION/ROUGHENING | NS15 DEMOLITION ADJACENT TO WATER | SE4 CHECK DAM |
| EC16 NON-VEGETATED STABILIZATION | NS16 TEMPORARY BATCH PLANTS | SE5 FIBER ROLLS |
| WIND EROSION CONTROL | | SE6 GRAVEL BAG BERM |
| WE1 WIND EROSION CONTROL | | SE7 STREET SWEEPING AND VACUUMING |
| EQUIPMENT TRACKING CONTROL | | SE8 SANDBAG BARRIER |
| TC1 STABILIZED CONSTRUCTION ENTRANCE EXIT | | SE9 STRAW BALE BARRIER |
| TC2 STABILIZED CONSTRUCTION ROADWAY | | SE10 STORM DRAIN INLET PROTECTION |
| TC3 ENTRANCE/EXIT TIRE WASH | | SE11 ACTIVE TREATMENT SYSTEMS |
| | | SE12 TEMPORARY SILT DIKE |
| | | SE13 COMPOST SOCKS & BERMS |
| | | SE14 RIPPER RAGS |

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.
 2020-0 Bedding for sewer pipe.
 2020-2 Cracking and encasement.
 2020-2 WYE or TEE support.
 2020-1 Erosion protection in steep slopes.
 2020-1 Allowable trench widths.
 2020-1 Minimum public safety requirements.
 2020-1 Requirements for sanitary sewers near water mains.
 221-2 Pipe anchors and backfill stabilizers
 222-2 House connection sewer
 223-2 House connection remodeling
 225-2 Blanket protection for pipes

COUNTY SANITATION DISTRICT (CSD) NOTES:
 1. No connection for the disposal of industrial wastes shall be made to sewers shown on these drawings until a permit for industrial waste water discharge has been issued by the County Sanitation Districts for said connections.
 2. See CSD MH detail on these drawings.
 3. All work involving CSD Sewer or Manholes shall be in accordance with the latest edition of the Standard Specifications for Public Works Construction, and the latest Amendments to the Standard Specifications for Public Works Construction and the Standard Specifications for Construction, a copy of the Amendments and Standard Specifications may be obtained at the CSD Engineering Counter (Room 110) at 1625 Workman Hill Road, Whittier, CA 90601 or from the CSD website: www.lacsd.org

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, 900 South Fremont Avenue, 8th Floor, Alhambra, at least 72 hours prior to starting work under this permit. Copies of all other required permits, such as excavation, California, etc., must be filed with the permit application.
- When work is within a roadway city 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 Workers' 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 or the existence or nonexistence of any underground utility pipes or structures 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 the latest "Special Provisions for the Construction for Sanitary Sewer" and shall be prosecuted 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. 6006-1.
- Elevations are in feet above U.S.C. and G.S. sea level datum of 1988.
- 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 curb, 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 "V" and "U" branches and shall provide shafts for them at these 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 from chimneys shall not have an angle of less than 45 degrees 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.
- An approved backwater valve is required when the pipe is 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 power pole 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 the point of interference.
- All joints between cast-iron pipe and verified 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 5 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 indicated on the plans, the pipes shall be encased per LACDPW Standard Plan 2023-2, 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 (SPWMP 205-2), or precast concrete sewer manholes per LACDPW Standard Plan S-36 (Sewer) if applicable, or reinforced precast manholes per LACDPW Standard Plan 2005-2, 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 306-1.3 of the "Standard Specifications for Public Works Construction" will be required for backfill in street. Certification of backfill compaction, and sand equivalent by a qualified Civil Engineer shall be provided by the permittee prior to the issuance of a Certificate of 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 1557-78, 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 prior to the acceptance of the work by the County.
- 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 Specifications 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 6 feet apart, and when possible, not closer than 2 feet to any manhole.
- All pipe materials shall be verified clay pipe or ductile iron pipe or other approved materials by the County of Los Angeles Department of Public Works.

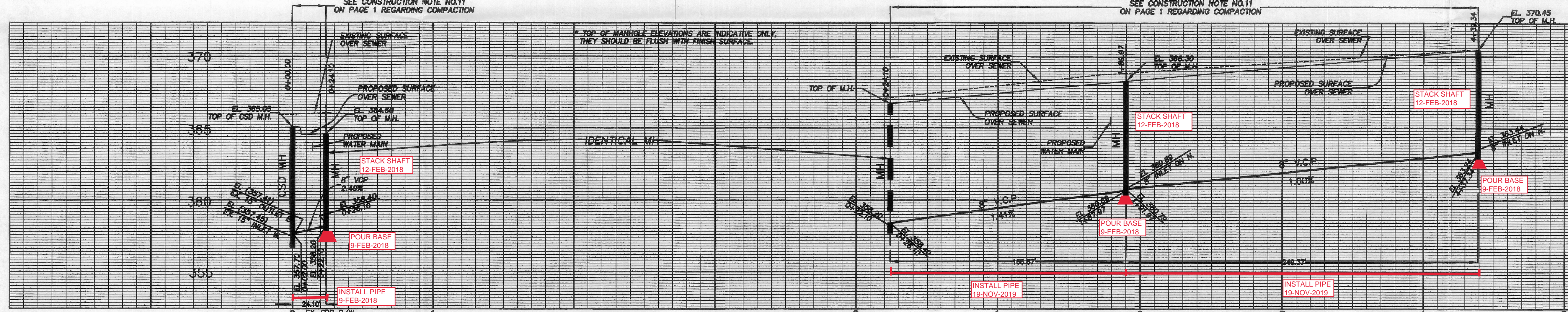
PROFILE, ALIGNMENT AND GRADE OF SANITARY SEWERS
 TO BE RECONSTRUCTED IN
 TRACT NO. 71234 P.C. NO. 12130
 5006-5020 BARTLETT AVENUE,
 SAN GABRIEL, CA 91776
 2 SHEETS: 4 PAGES
 CSDM INDEX MAP E-2018
 COUNTY OF LOS ANGELES CALIFORNIA

GAIL FARMER L.A. COUNTY DIRECTOR OF PUBLIC WORKS
 APPROVED BY LAND DEVELOPMENT DIVISION
 BY: *[Signature]* DATE: 7/23/15
 ASSISTANT SEWER ENGINEER
 SUBMITTED BY: *[Signature]* DATE: 07/23/2015
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION

COUNTY SANITATION DISTRICT NO. 15
 OF LOS ANGELES COUNTY, CALIFORNIA
 GRACE ROBISON HYDE - CHIEF ENGINEER and GENERAL MANAGER
 APPROVED BY: *[Signature]* DATE: 7-27-2015
 OFFICE ENGINEER

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 CLIMMINGS OF GENERAL TELEPHONE COMPANY AT 1-805-948-4871 SO THAT THEY CAN MARK THE LOCATION OF UNDERGROUND TELEPHONE LINES.

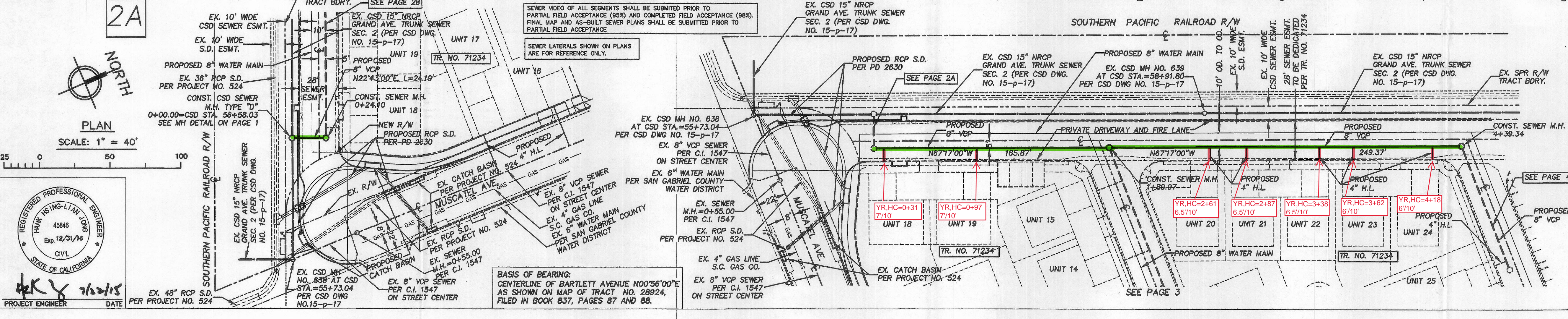
HANK JONG R.C.E. NO. 45846
 EXPIRATION DATE: 12-31-2016
 DATE: 7/20/15



P.C. NO. 12130 PAGE 2

NO L.A. CO. CHARGES FOR CONNECTIONS
 SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
 TEL: (562) 908-4288 EX. 2727
 SCALE: VERT. 1"=4'
 HORIZ. 1"=40'

AS-BUILT PLAN
 PREPARED BY: J. PARRA
 31-DEC-2019



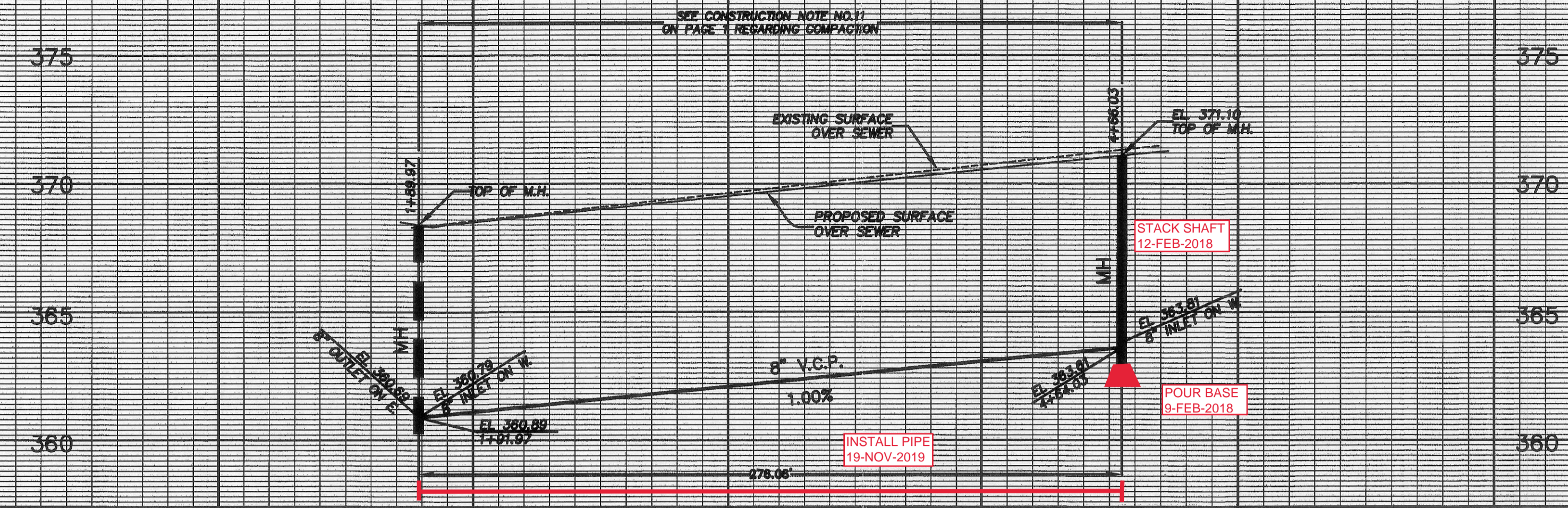
PLAN
 SCALE: 1"=40'
 NORTH
 SCALE: 1"=40'

SANITARY SEWER PLANS IN
 TR. NO. 71234 P.C. NO. 12130
 5006-5020 BARTLETT AVENUE,
 SAN GABRIEL, CA 91776
 REVIEWED BY: LAND DEVELOPMENT DIVISION
 BY: *[Signature]* DATE: 07/23/15
 FINAL MAPS, SEWER AND LANDSCAPING SUBDIVISION PLAN CHECKING SECTION
 COUNTY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS
 EGL ASSOCIATES, INC.
 11819 GOLDING ROAD, UNIT A
 ARCADIA, CA 91006
 TEL: (626) 263-3588
 JOB NO.: 09-017-003 DRAWN: GB CHECKED: HJ DATE: 12/08/2014

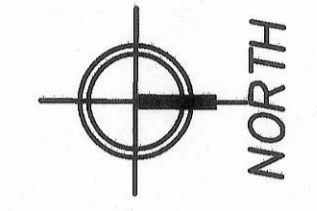
OFFICE COPY

NO LA. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
TEL. (562) 908-4288 EX. 2727
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HORIZ. 1"=40'

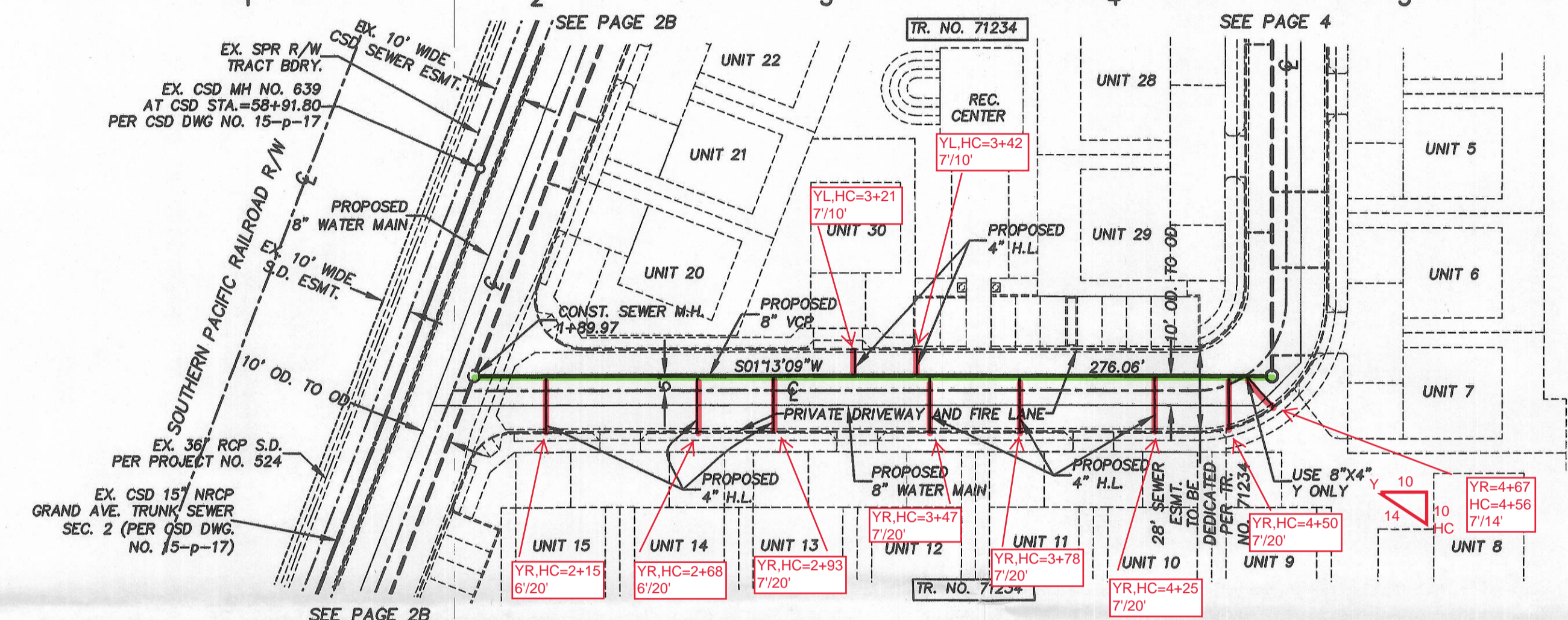
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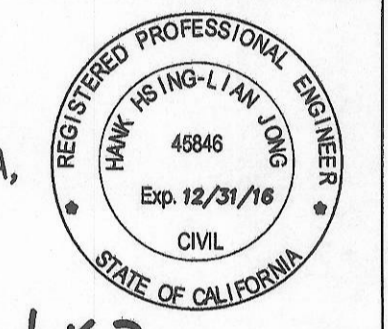


PLAN
SCALE: 1" = 40'



AS-BUILT PLAN
PREPARED BY: J. PARRA
31-DEC-2019

EGL ASSOCIATES, INC.
11819 GOLDRING ROAD, UNIT A,
ARCADIA, CA 91006
TEL: (626) 263-3588



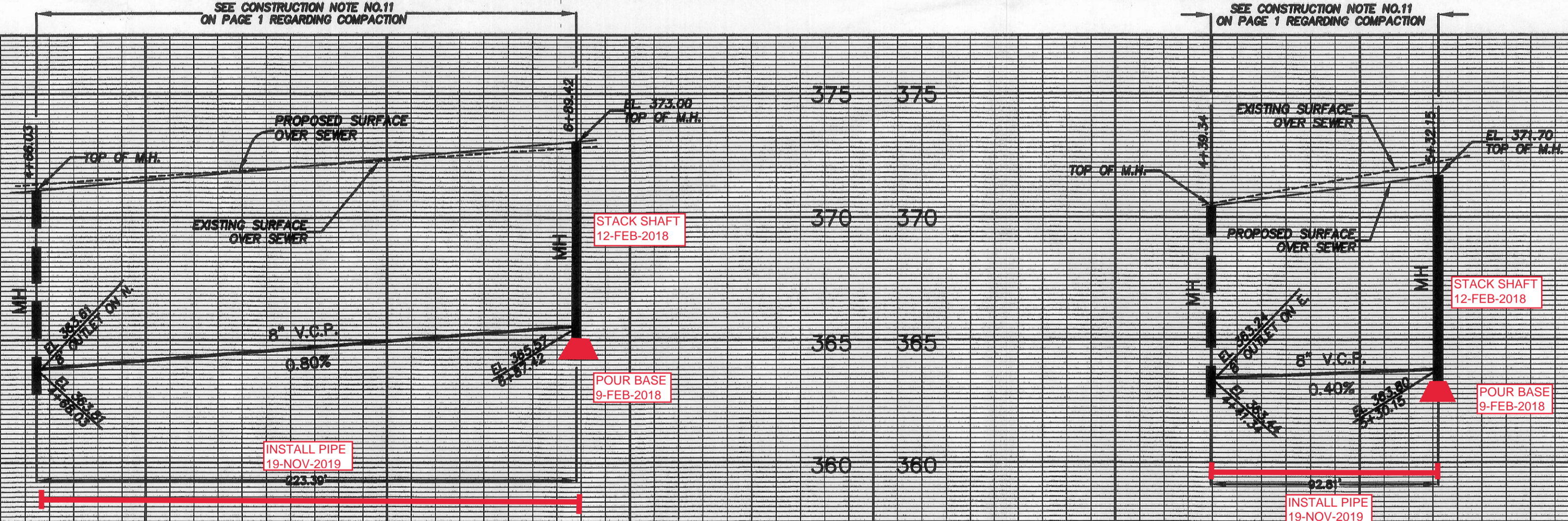
PROJECT ENGINEER DATE
7/22/15

REVIEWED BY: LAND DEVELOPMENT DIVISION
BY: [Signature] DATE: 7/22/15
FINAL MAPS, SEWER AND LANDSCAPING SUBMISSION PLAN CHECKING SECTION

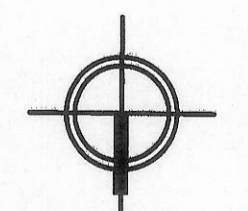
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CENTERLINE OF BARTLETT AVENUE N00°56'00"E
AS SHOWN ON MAP OF TRACT NO. 28924,
FILED IN BOOK 837, PAGES 87 AND 88.

NO LA. CO. CHARGES FOR CONNECTIONS
SEE COUNTY SANITATION DISTRICTS FOR SPECIAL CONNECTION CHARGES
TEL. (562) 908-4288 EX. 2727
SCALE: VERT. 1"=4'
HORIZ. 1"=40'

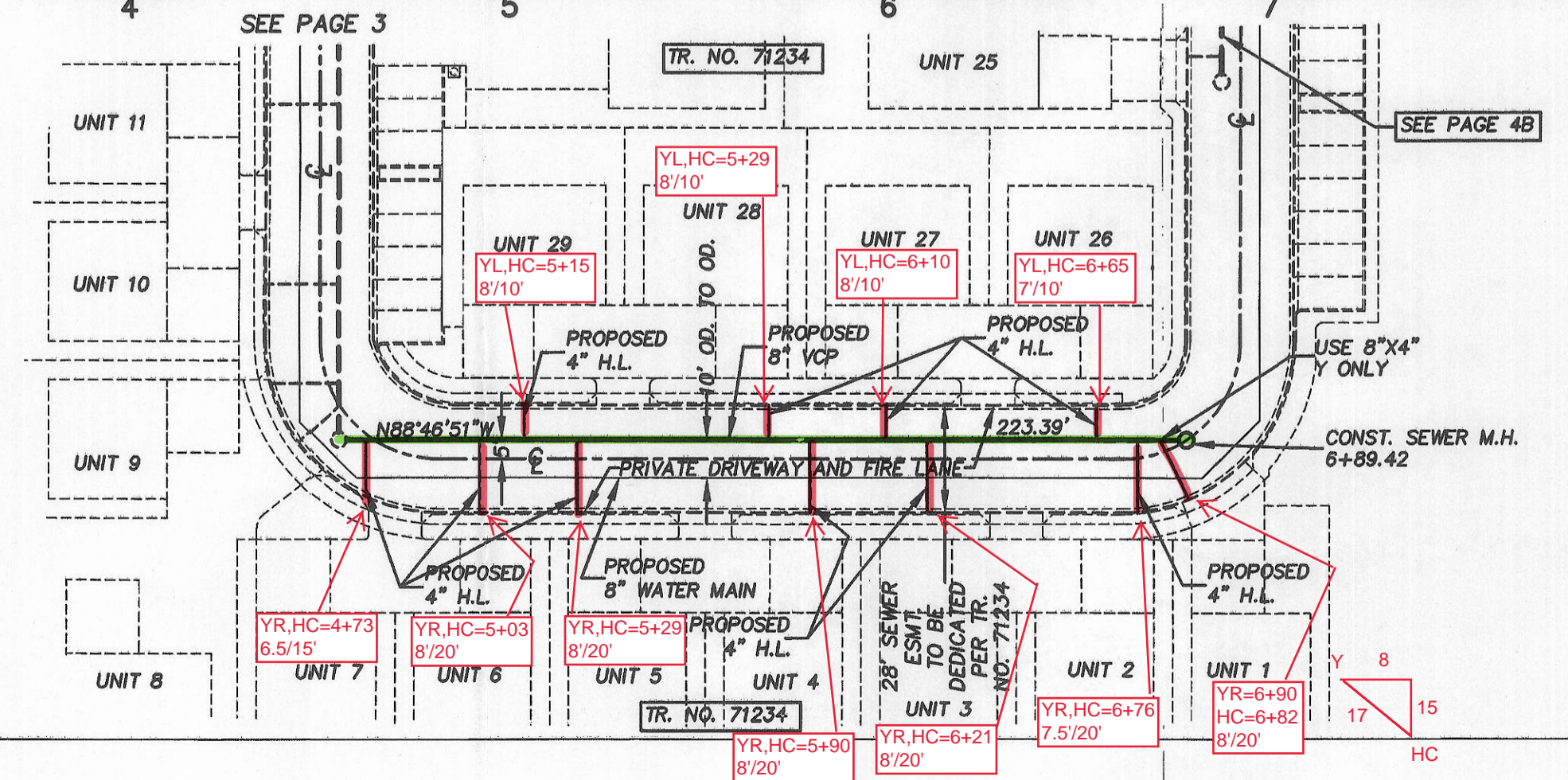
* TOP OF MH SHOULD BE FLUSH WITH FINISH SURFACE.



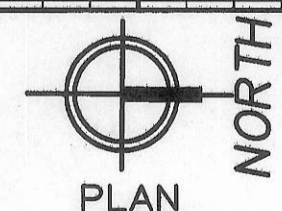
4A



NORTH
PLAN
SCALE: 1" = 40'

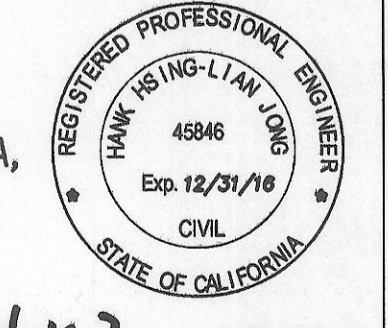


4B



PLAN
SCALE: 1" = 40'

EGL ASSOCIATES, INC.
11819 GOLDRING ROAD, UNIT A,
ARCADIA, CA 91006
TEL: (626) 263-3588



PROJECT ENGINEER DATE
7/22/15

REVIEWED BY: LAND DEVELOPMENT DIVISION
BY: [Signature] DATE: 7/22/15
FINAL MAPS, SEWER AND LANDSCAPING SUBMISSION PLAN CHECKING SECTION

BASIS OF BEARING:
CENTERLINE OF BARTLETT AVENUE N00°56'00"E
AS SHOWN ON MAP OF TRACT NO. 28924,
FILED IN BOOK 837, PAGES 87 AND 88.

05131 09 45317 00 TCAST