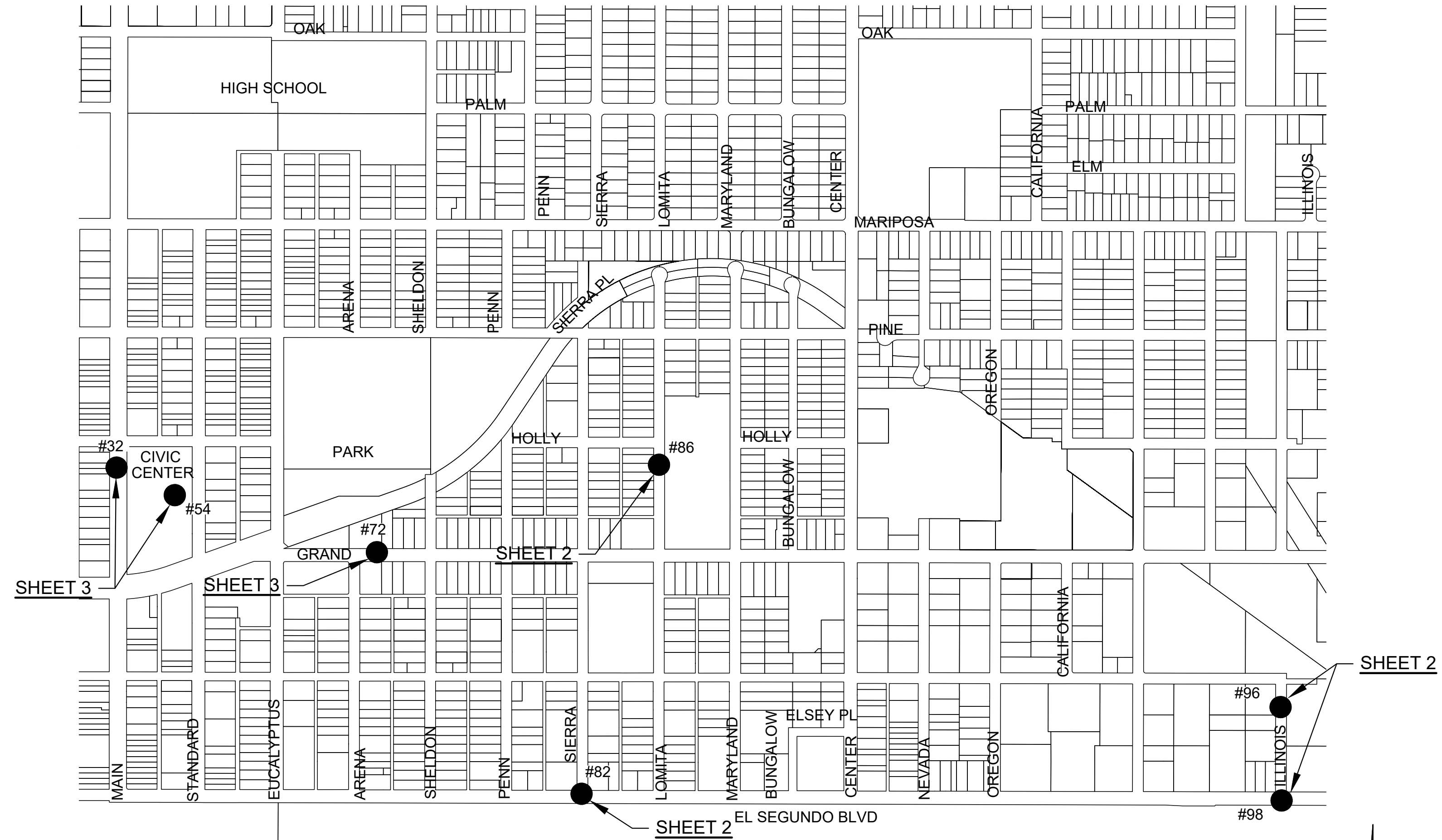


# CITY OF EL SEGUNDO PUBLIC WORKS DEPARTMENT FIBER OPTIC VAULT LID REPLACEMENTS PROJECT PW19-08

## CITY OF EL SEGUNDO GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST EDITION AND SUPPLEMENTS OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION AND THE CITY OF EL SEGUNDO STANDARD PLANS.
2. CONTRACTOR SHALL COMPLY WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) REQUIREMENTS AND PROVIDE BEST MANAGEMENT PRACTICES (BMP) FOR SEDIMENT CONTROL, CONSTRUCTION MATERIAL CONTROL, AND EROSION CONTROL.
3. CONTRACTOR SHALL OBTAIN A PUBLIC WORKS ENCROACHMENT PERMIT FROM THE CITY PRIOR TO THE START OF CONSTRUCTION. IF A PERMIT IS REQUIRED FROM ANOTHER AGENCY OR ANOTHER DEPARTMENT IN THE CITY OF EL SEGUNDO, THE PUBLIC WORKS DEPARTMENT WILL NOT ISSUE AN ENCROACHMENT PERMIT UNTIL ALL THE NECESSARY PERMITS HAVE BEEN OBTAINED BY THE CONTRACTOR AND SUBMITTED TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW.
4. ALL CONSTRUCTION IN THE CITY OF EL SEGUNDO PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED VIA OPEN TRENCH. NO DIRECTIONAL BORING IS ALLOWED UNLESS APPROVED BY THE CITY PRIOR TO THE START OF CONSTRUCTION.
5. IF NECESSARY, THE CONTRACTOR SHALL OBTAIN A BUILDING SAFETY PERMIT FROM THE PLANNING AND BUILDING SAFETY DEPARTMENT IF THE CONTRACTOR IS PERFORMING WORK THAT INVOLVES A CITY-OWNED STRUCTURE.
6. CONTRACTOR SHALL SUBMIT A PROJECT SCHEDULE TO THE CITY PRIOR TO THE START OF CONSTRUCTION.
7. CONTRACTOR SHALL HOLD A PRECONSTRUCTION MEETING WITH THE CITY'S INSPECTOR PRIOR TO THE START OF CONSTRUCTION. THE CITY'S INSPECTOR CONTACT INFORMATION IS LOCATED ON THE PUBLIC WORKS ENCROACHMENT PERMIT.
8. CONTRACTOR SHALL PROTECT IN PLACE ALL EXISTING CONDITIONS (SUBSURFACE AND ABOVE GROUND) WITHIN THE CONSTRUCTION ZONE AND PROTECT THEM DURING CONSTRUCTION.
9. CONTRACTOR SHALL REPAIR ANY DAMAGE TO THE EXISTING CONDITIONS CAUSED BY THE CONTRACTOR'S OPERATION AT THE SOLE EXPENSE OF THE CONTRACTOR.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD CHECK THE JOB SITE COMPLETELY TO IDENTIFY ALL PRE-EXISTING CONDITIONS AFFECTED BY THE WORK. ANY TEMPORARY MODIFICATION (REMOVAL AND RESTORATION) NECESSARY TO PERFORM THE CONTRACTOR'S CONSTRUCTION OPERATION IS DEEMED INCLUDED IN WORK. NO EXTRA PAYMENT SHALL BE MADE FOR SUCH WORK.
11. CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF UTILITIES THAT ARE LOCATED WITHIN THE VICINITY OF WORK. POTHOLES SHALL OCCUR AT ALL LOCATIONS SHOWING A POTENTIAL CONFLICT.
12. CONTRACTOR TO MAINTAIN A MINIMUM OF 2' VERTICAL CLEARANCE BETWEEN PIPE CROSSINGS FOR ALL SEWER MAINS, WATER MAINS AND ANY 12" DIAMETER OR LARGER UTILITY PIPE. CONTRACTOR SHALL INVESTIGATE IF THE REQUIRED CLEARANCES HAVE BEEN SATISFIED PRIOR TO THE START OF CONSTRUCTION.
13. CONTRACTOR TO MAINTAIN A MINIMUM OF 3' HORIZONTAL CLEARANCE BETWEEN PIPE AND ALL SEWER MAINS, WATER MAINS AND ANY 12" DIAMETER OR LARGER UTILITY TRAVELING IN A PARALLEL DIRECTION. CONTRACTOR SHALL INVESTIGATE IF THE REQUIRED CLEARANCES HAVE BEEN SATISFIED PRIOR TO THE START OF CONSTRUCTION.
14. PIPE BEDDING, TRENCH BACKFILLING AND PAVEMENT RESTORATION WILL BE PERFORMED PER CITY STANDARD PLAN WT-11. THE CONTRACTOR MUST RESURFACE THE TOP 2" OF THE ENTIRE TRAFFIC LANE WIDTH FOR THE LENGTH OF WORK FOR PAVEMENT RESTORATION ON ANY MAJOR ARTERIAL WITHIN THE CITY LIMITS.
15. 3' WIDE ASPHALT SLOT PAVING SHALL OCCUR FOR ANY ASPHALT NEXT TO NEWLY INSTALLED CONCRETE. ASPHALT SLOT PAVING SHALL BE 1" DEEP CONSISTING OF 6" OF PG-64-10 HOT MIX ASPHALT OVER 6" OF BASE, WITH PG-64-10 TACK COAT REQUIRED.
16. THE WORK SCHEDULE ON MAJOR ARTERIAL STREETS SHALL BE MONDAY THROUGH FRIDAY FROM 9AM TO 3PM, EXCEPT HOLIDAYS. WORK SCHEDULE IN ALL OTHER AREAS SHALL BE MONDAY THROUGH FRIDAY FROM 7AM TO 4PM, EXCEPT HOLIDAYS. CONTRACTOR SHALL OBTAIN PRIOR APPROVAL FROM THE CITY FOR PERFORMING NIGHTWORK. NO WEEKEND WORK IS ALLOWED UNLESS GIVEN PRIOR APPROVAL FROM THE CITY.
17. CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE PUBLIC WORKS DEPARTMENT FOR REVIEW PRIOR TO START OF CONSTRUCTION IF ANY ROAD CLOSURES ARE REQUIRED. ALL TRAFFIC CONTROL PLANS SHALL FOLLOW THE LATEST WATCH MANUAL, MUTCD, AND THE PUBLIC WORKS DEPARTMENT'S TRAFFIC CONTROL STANDARDS.
18. ANY EXISTING STRIPING (INCLUDING RAISED PAVEMENT MARKERS) OR PAVEMENT LEGENDS WHICH CONFLICT WITH THE APPROVED STRIPING PLAN SHALL BE REMOVED BY WET SANDBLASTING OR GRINDING. ANY GRINDING OF PAVEMENT MARKING SHALL BE DONE TO A SQUARE OR RECTANGULAR BLOCK SHAPE. ANY PAVEMENT OR SURFACING, IN THE OPINION OF THE CITY, THAT HAS BEEN UNREASONABLY DAMAGED, SHALL BE REPAIRED TO THE CITY'S SATISFACTION AT NO EXPENSE TO THE CITY. ANY DEBRIS SHALL BE REMOVED BEFORE END OF EACH WORK DAY. NO BLACKOUT WILL BE ALLOWED.
19. STRIPING AND PAVEMENT MARKING SHALL BE APPLIED WITH 2 COATS OF PAINT.
20. FOR ROAD CLOSURES ON MAJOR ARTERIALS WITHIN THE CITY LIMITS, THE CONTRACTOR SHALL PLACE SIGNS TWO (2) WEEKS IN ADVANCE PRIOR TO THE START OF CONSTRUCTION WHICH INFORM MOTORISTS OF UPCOMING TRAFFIC DISRUPTIONS.
21. AT LEAST TEN (10) DAYS BEFORE THE START OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY, IN WRITING, ADJUTING PROPERTY OCCUPANTS OF THE PROPOSED CONSTRUCTION START DATE AND SCHEDULE.
22. IF NECESSARY, THE CONTRACTOR SHALL PLACE "NO PARKING" SIGNS 72 HOURS IN ADVANCE PRIOR TO THE START OF CONSTRUCTION.
23. CONTRACTOR SHALL NOTIFY ANY TRANSIT AUTHORITY AT LEAST 48 HOURS PRIOR TO ANY WORK WHICH MAY AFFECT NORMAL BUS OPERATIONS.
24. ALL CONSTRUCTION RELATED PARKING SHALL BE ACCOMMODATED IN THE CONSTRUCTION ZONE. NO CONSTRUCTION RELATED PARKING SHALL BE PERMITTED OFF SITE.
25. THE CITY'S INSPECTOR WILL NOTIFY THE CONTRACTOR OF ANY REQUIRED INSPECTIONS PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR SHALL SCHEDULE ANY INSPECTIONS BY THE CITY'S INSPECTOR AT LEAST 24 HOURS IN ADVANCE. CONTRACTOR SHALL NOTIFY THE CITY'S INSPECTOR OF ANY PROPOSED FIELD CHANGES PRIOR TO PERFORMING SUCH FIELD CHANGE.
26. A SET OF AS-BUILT PLANS (PHYSICAL AND DIGITAL COPIES) SHALL BE SUBMITTED TO THE PUBLIC WORKS DEPARTMENT AFTER COMPLETION OF THE PROJECT.



PROJECT LOCATION MAP

## UNDERGROUND STRUCTURES:

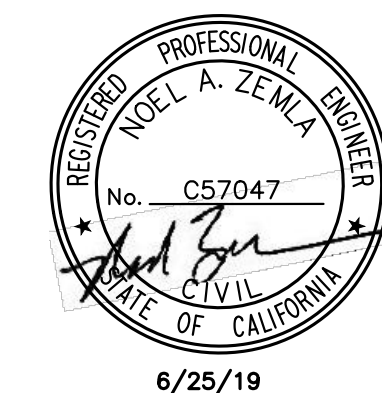
ALL UNDERGROUND UTILITIES OR STRUCTURES REPORTED BY THE OWNER OR OTHERS AND THOSE SHOWN ON THE RECORDS EXAMINED ARE INDICATED WITH THEIR APPROXIMATE LOCATION AND EXTENT. THE CONTRACTOR BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO AGREES TO ASSUME LIABILITY AND HOLD THE OWNER, ENGINEER AND ALL CITY EMPLOYEES/OFFICIAL HARMLESS RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE AGENCY; NOT THAT REPORTED OR SHOWN ON RECORDS EXAMINED; LOCATED AT VARIANCE WITH THAT REPORTED OR SHOWN ON RECORDS EXAMINED. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES FOUND AT THE SITE. THE CONTRACTOR SHALL NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES AT LEAST TWO WORKING DAYS PRIOR TO COMMENCING WORK IN THE PROXIMITY OF THESE FACILITIES AND SHALL ALSO NOTIFY UNDERGROUND SERVICE ALERT 1-800-227-2600 THREE WORKING DAYS BEFORE DIGGING.

## PUBLIC WORKS CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED CITY ENCROACHMENT PERMITS FROM THE PUBLIC WORKS DEPARTMENT BEFORE COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, INCLUDING LANE CLOSURE. CONTACT NICK PETREVSKI FOR PERMIT REQUIREMENTS AND ASSOCIATED FEES AT (310) 524-2360.
2. THE APPLICANT SHALL REPAIR ANY DAMAGE TO PUBLIC STREETS AND/OR SIDEWALKS DUE TO CONSTRUCTION OR BY CONSTRUCTION VEHICLES TRAVELING TO OR FROM THE PROJECT SITE, BEFORE THE PERMIT CAN BE FINALIZED.
3. ALL CONSTRUCTION-RELATED PARKING SHALL BE ACCOMMODATED ON-SITE. NO CONSTRUCTION RELATED PARKING SHALL BE PERMITTED OFF-SITE.
4. NO DIRECT DRAINAGE CONNECTION SHALL BE MADE TO THE CITY'S CATCH BASINS OR STORM DRAIN SYSTEM.
5. NO PARKWAY TREES ARE TO BE REMOVED WITHOUT RECREATION AND PARKS DEPARTMENT APPROVAL. CONTACT PARK MAINTENANCE SUPERINTENDENT CHRISTOPHER HENTZEN AT (310) 524-2716.
6. THE DEVELOPER OR CONTRACTOR SHALL INFORM ALL NEIGHBORING PROPERTIES IN WRITING OF ANY STREET LANE CLOSURES OR OTHER SIGNIFICANT TRAFFIC IMPACTS ON THE ADJACENT STREETS AT LEAST ONE WEEK BEFORE THEY OCCUR.
7. ALL RIGHT-OF-WAY CONSTRUCTION SHALL CONFORM TO STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION (SPPWC) AND CITY STANDARDS.

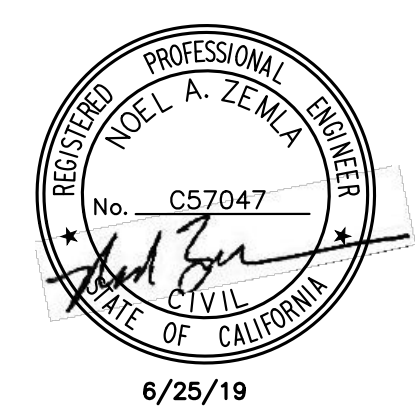
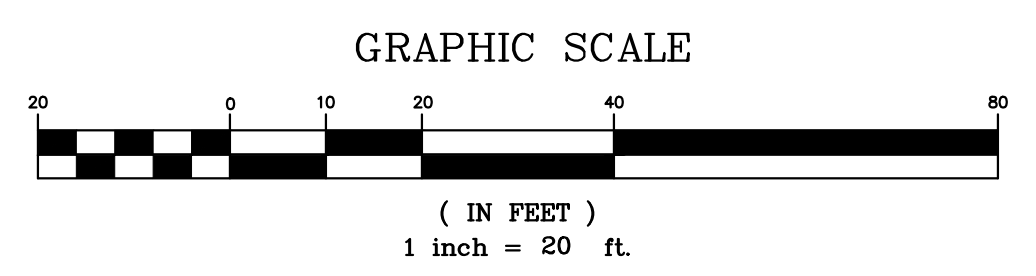
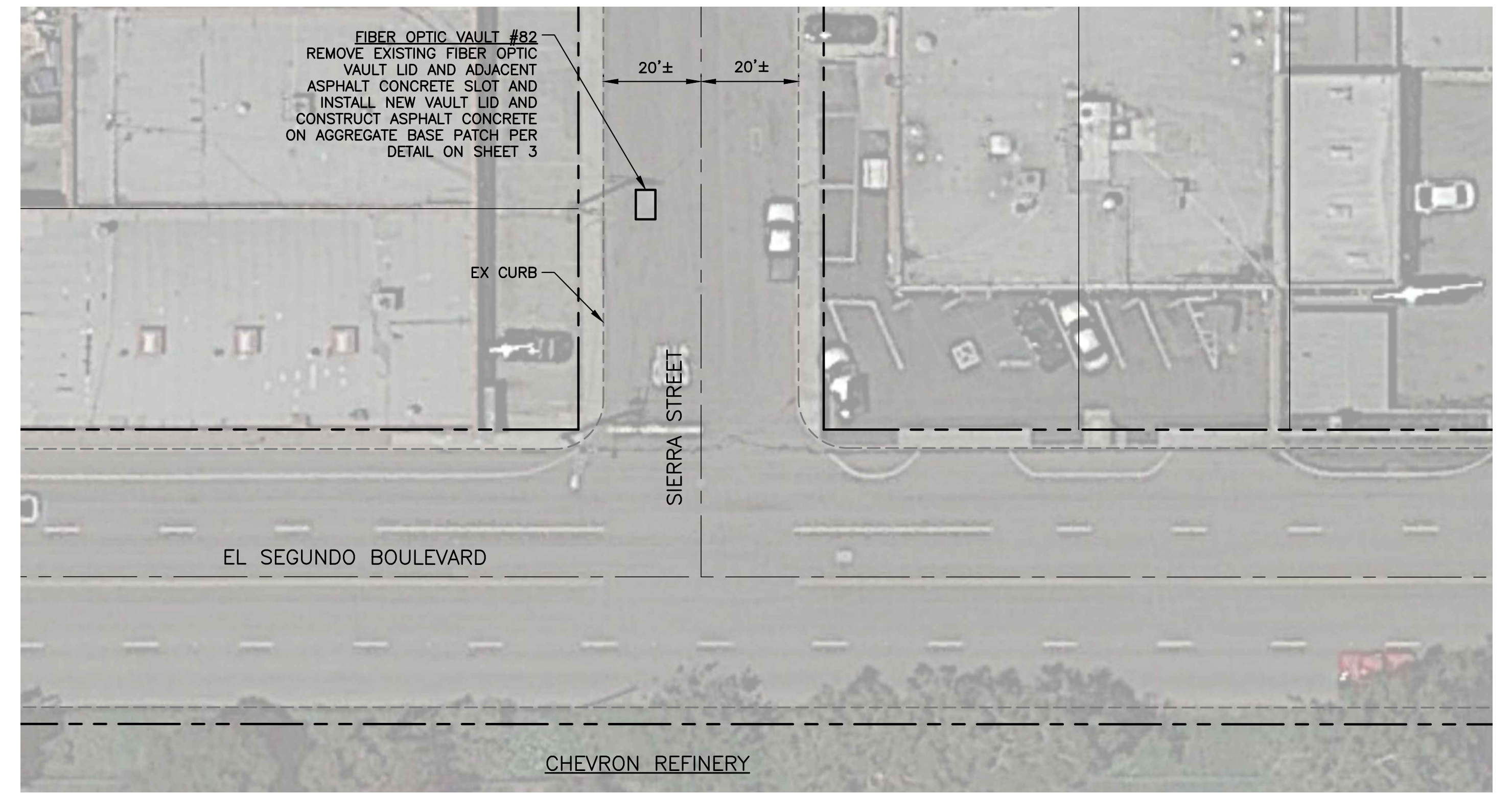
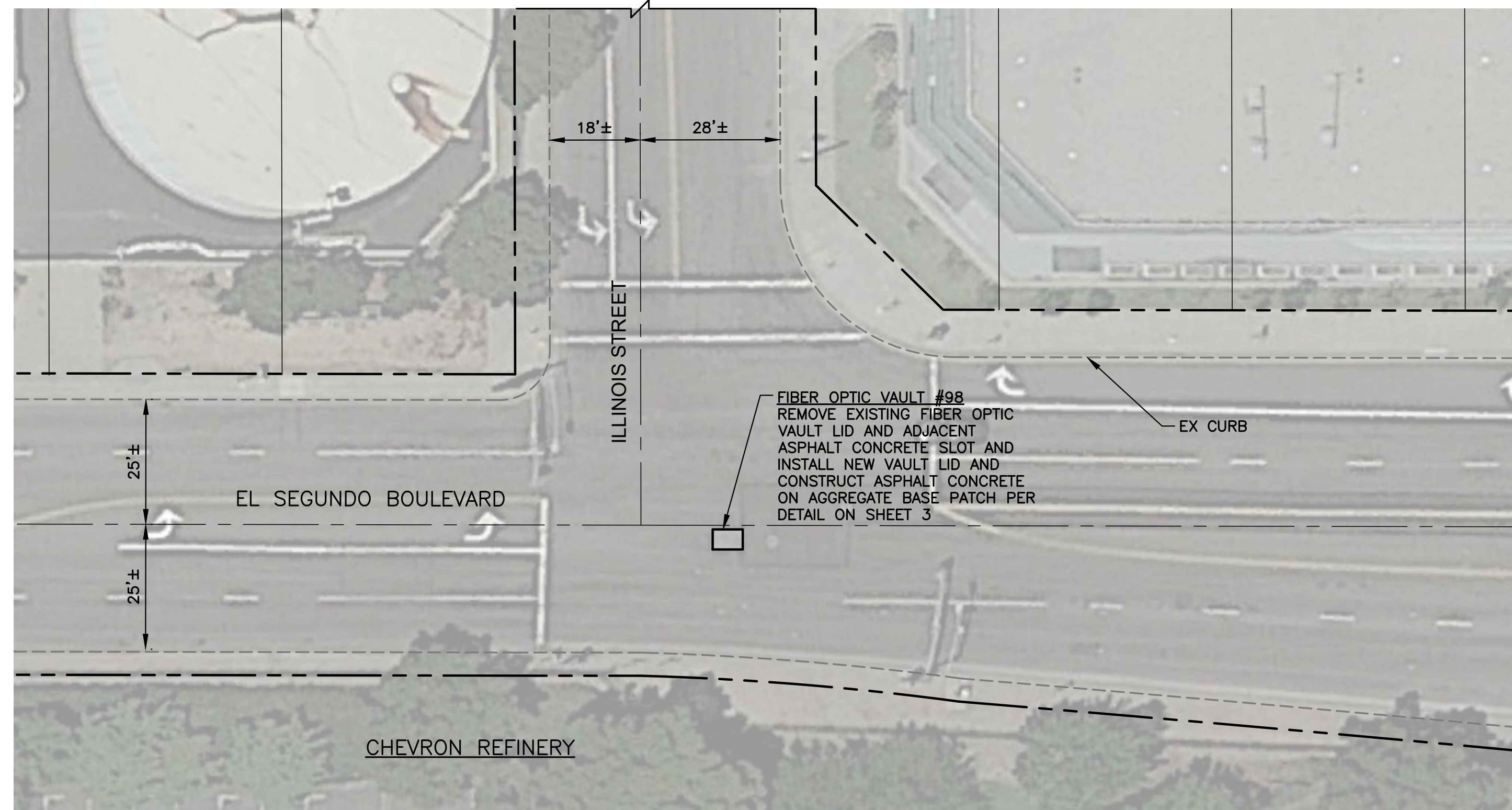
THE FOLLOWING AGENCIES ARE KNOWN TO HAVE FACILITIES WITHIN PROJECT LIMITS:

AGENCY	TELEPHONE	CONTACT
SOUTHERN CALIFORNIA GAS	310-687-2067	GERALD PHILLIPS
SOUTHERN CALIFORNIA EDISON	310-783-9380	MICHAEL GLENN
AT&T	310-515-4275	ROSE BATES
CHEVRON	310-615-5646	ROD SPACKMEN OR PRESTON SAMMONS
CITY OF EL SEGUNDO WATER	310-524-2746	ANTHONY ESPARZA
CITY OF EL SEGUNDO SEWER	310-524-2754	RON CAMPBELL
SHELL OIL COMPANY PIPELINE DEPT.	714-991-9200 (EXT. 746)	MR. KERICK
WEST BASIN MUNICIPAL WATER DISTRICT	310-660-6238	PHIL LAURI
EQUINIX	951-283-0167	GARY FUNK
ABOVENET	714-897-3793	MIKE NGUYEN
SANITATION DISTRICTS OF LA COUNTY	562-908-4288	MARTHA TREMBLAY



REVISIONS			CITY OF EL SEGUNDO CALIFORNIA ENGINEERING DIVISION	
NO.	DATE	BY		
			FIBER OPTIC VAULT LID REPLACEMENTS	
			PW19-08 TITLE SHEET	
			SHEET 1 OF 3	
			JOB NO. -	
			CITY ENGINEER R.E. 7273	

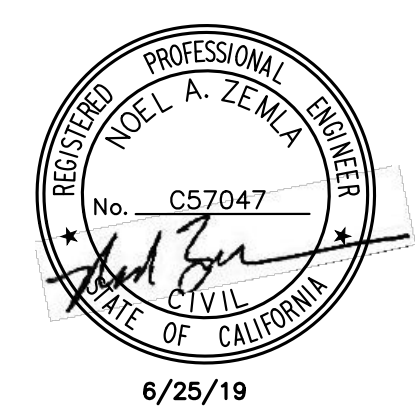
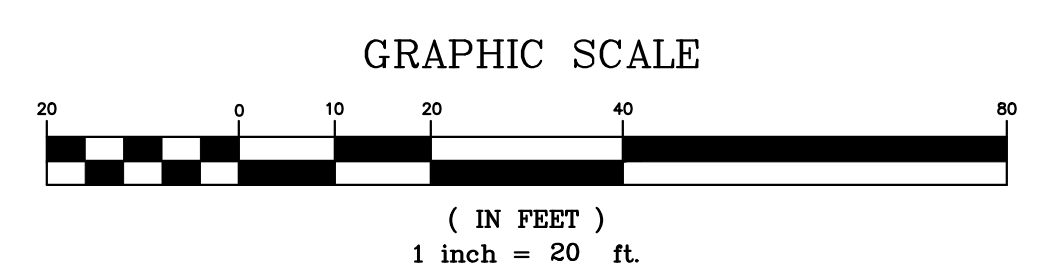
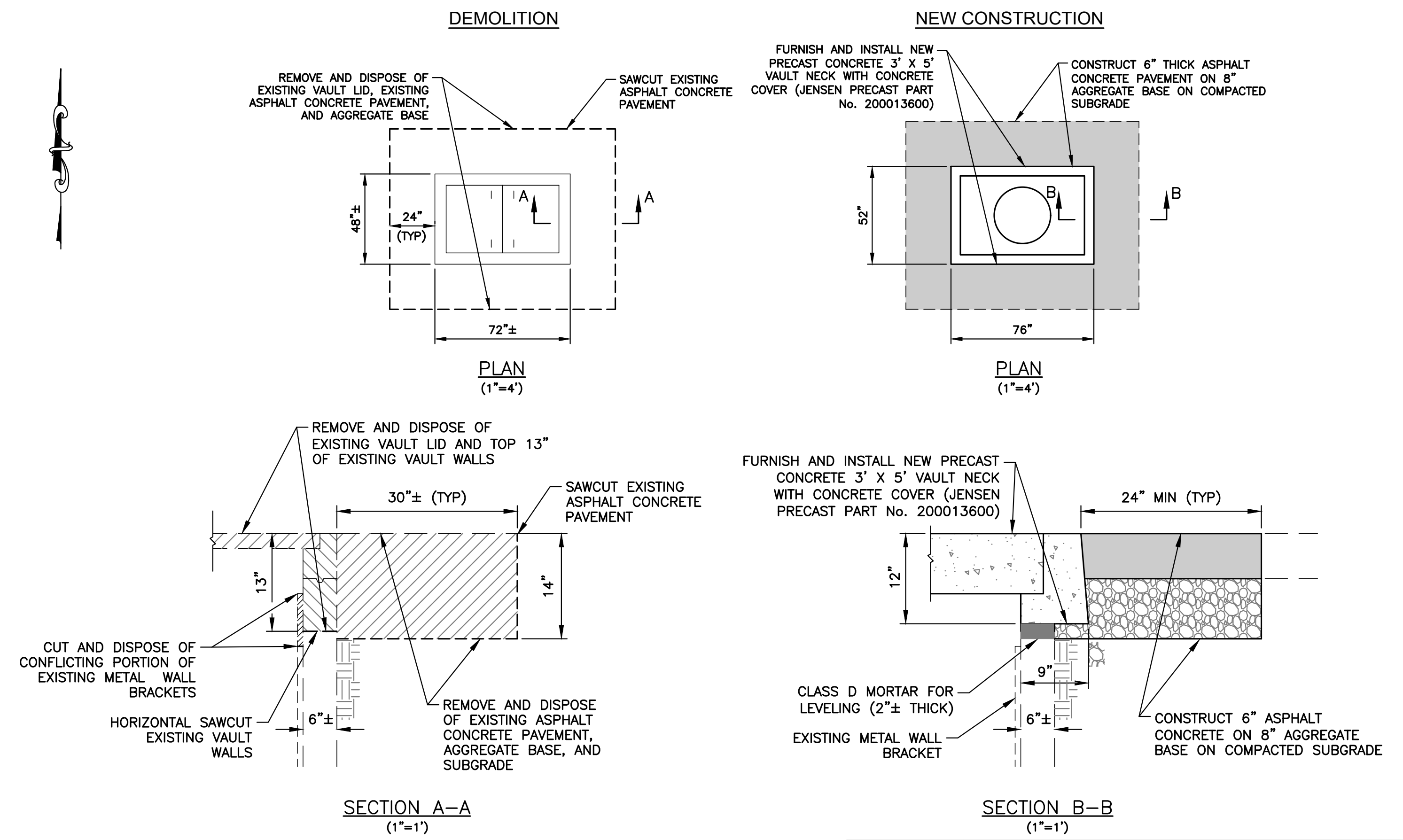
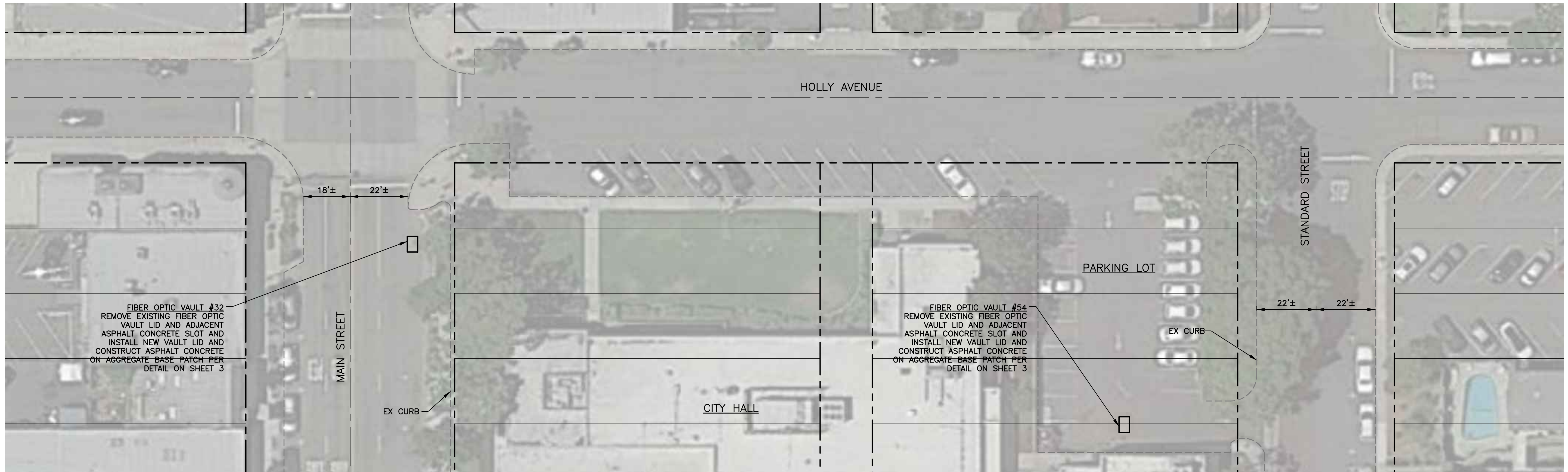




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NO.	DATE	BY	CALIFORNIA	
			ENGINEERING DIVISION	
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			PW19-08	
			SHEET 2 OF 3	
			JOB NO. -	

SURVEY	DATE	APPROVED	DATE
DESIGN	DATE	CITY ENGINEER R.E. 72273	
PLANS	DATE		
CHECK	DATE		



REVISIONS			CITY OF EL SEGUNDO CALIFORNIA ENGINEERING DIVISION	
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			PW19-08	
			SHEET 3 OF 3	
SURVEY DATE		APPROVED DATE		JOB NO. -
DESIGN DATE		CITY ENGINEER R.E. 72773		
PLANS DATE				
CHECK DATE				