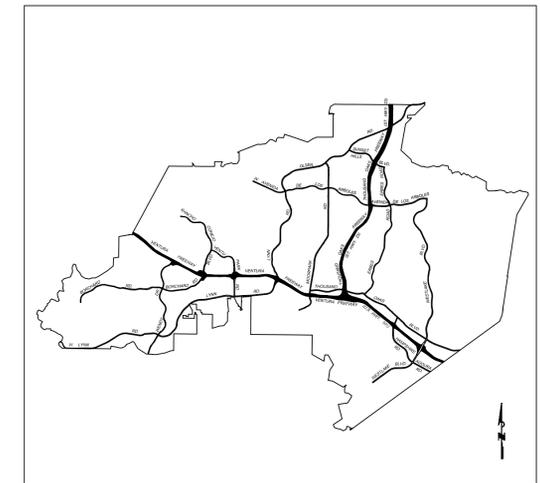




**LOCATION MAP**  
SCALE:



**VICINITY MAP**  
SCALE:

# CITY OF THOUSAND OAKS

## PUBLIC WORKS DEPARTMENT

### WATER PLAN

### ENTITLEMENT/TRACT NO.

### ADDRESS

**PUBLIC UTILITY AUTHORIZATION FOR OPERATION**

WATER: (COMPANY NAME)  
(ADDRESS)  
(TELEPHONE NO.)  
SEWAGE DISPOSAL: (COMPANY NAME)  
(ADDRESS)  
(TELEPHONE NO.)  
TELEPHONE: (COMPANY NAME)  
(ADDRESS)  
(TELEPHONE NO.)  
ELECTRIC: (COMPANY NAME)  
(ADDRESS)  
(TELEPHONE NO.)  
GAS: (COMPANY NAME)  
(ADDRESS)  
(TELEPHONE NO.)  
CABLE TV: (COMPANY NAME)  
(ADDRESS)  
(TELEPHONE)

DEVELOPER: \_\_\_\_\_  
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
REPRESENTATIVE: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_

DEVELOPER'S ENGINEER: \_\_\_\_\_  
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
REPRESENTATIVE: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_

SOILS ENGINEER: \_\_\_\_\_  
NAME: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_  
REPRESENTATIVE: \_\_\_\_\_  
TELEPHONE: \_\_\_\_\_  
DATES OF REPORTS: \_\_\_\_\_

BENCHMARK: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

INDEX OF SHEETS		
NO.	DESCRIPTION	CITY OF T.O. DWG. NO.

**CERTIFICATION**

I HEREBY CERTIFY THAT THE WATER SYSTEM AS SHOWN ON DRAWING NUMBER \_\_\_\_\_ SHEETS \_\_\_\_\_ THROUGH \_\_\_\_\_ HAS BEEN DESIGNED TO ADEQUATELY SERVICE EACH AND EVERY LOT OR FACILITY SHOWN ON SAID DRAWING.

REGISTERED CIVIL ENGINEER RCE NUMBER DATE

**CERTIFICATE OF "RECORD DRAWINGS"**

I \_\_\_\_\_ HEREBY CERTIFY, BASED ON MY FIELD OBSERVATION OR INFORMATION PROVIDED BY THE OWNER AND GENERAL CONTRACTORS THAT THE WORK ON SHEET NO'S \_\_\_\_\_ THROUGH \_\_\_\_\_ MARKED AS "RECORD DRAWING" HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THESE PLANS, SPECIFICATIONS, REVISIONS, CHANGE ORDERS, AND FIELD CHANGES.

REGISTERED CIVIL ENGINEER RCE NUMBER EXP. DATE  
(SIGNATURE)  
DATE

ACCEPTING BONDS AND AGREEMENTS VIA:

RESOLUTION NUMBER DATED

**NOTE:** NOTIFY PUBLIC WORKS INSPECTOR A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

**NOTE:** CONTRACTOR SHALL TELEPHONE UNDERGROUND SERVICE ALERT (USA) 8 1 1 OR (800) 422-4133 A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

REVIEWED BY:  
VENTURA COUNTY FIRE DEPARTMENT  
DATE

**CITY OF THOUSAND OAKS**  
**PUBLIC WORKS DEPARTMENT**

**WATER COVER SHEET**

ENTITLEMENT/TRACT NO.  
ADDRESS

REVIEWED FOR PERMIT ISSUANCE BY:  
CITY OF THOUSAND OAKS

DEVELOPMENT ENGINEER DATE

CITY OF THOUSAND OAKS DWG. NO. SHEET OF

DESIGNED BY: \_\_\_\_\_  
DATE  
DRAWN BY: \_\_\_\_\_  
DATE  
CHECKED BY: \_\_\_\_\_  
DATE

ENGINEER'S SEAL

REGISTERED ENGINEER

RCE NUMBER



DIAL TOLL FREE  
**8 1 1**

Know what's below.  
Call before you dig.

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE

GENERAL WATER NOTES

1. CONTRACTOR SHALL NOTIFY THE CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT, (805) 449 2400, FIVE (5) WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION TO SCHEDULE A PRE-CONSTRUCTION MEETING, AND TWO WORKING DAYS PRIOR TO COMMENCING CONSTRUCTION TO ARRANGE FOR INSPECTION.
2. ALL CONSTRUCTION SHALL CONFORM TO THE CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT WATER DESIGN AND CONSTRUCTION STANDARDS ADOPTED JUNE 23, 2009, AS AMENDED.
3. WARNING: CONNECTION TO ANY EXISTING WATER MAIN SHALL BE DONE ONLY IN THE PRESENCE OF THE CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT INSPECTOR.
4. ONLY PUBLIC WORKS UTILITIES PERSONNEL SHALL OPEN OR CLOSE VALVES ON THE EXISTING WATER SYSTEM. FINES UP TO \$500 MAY BE LEVIED BY THE CITY FOR EACH VIOLATION OF THIS REQUIREMENT.
5. UTILITY LOCATIONS AND DEPTHS SHOWN HEREON HAVE BEEN PLOTTED IN ACCORDANCE WITH DATA FURNISHED BY THE RESPECTIVE UTILITY COMPANIES. NEITHER THE CITY NOR THE ENGINEER ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION RECEIVED FROM EACH COMPANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INSOFAR AS IT MAY BE AFFECTED BY THE CONTRACTOR'S OPERATION. ALL COSTS FOR PROTECTING, REMOVING AND RESTORING EXISTING IMPROVEMENTS SHALL BE ABSORBED BY THE CONTRACTOR.
6. ALL TRENCH BACKFILL AND COMPACTION IN PUBLIC RIGHTS-OF-WAY WILL BE INSPECTED BY THE CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT.
7. FIRE HYDRANTS TO BE WET BARREL ONLY, MANUFACTURER, MODEL, AND COLOR SHALL BE AS SPECIFIED IN WATER DESIGN AND CONSTRUCTION STANDARDS. SIDEWALKS AROUND FIRE HYDRANTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE WATER DESIGN AND CONSTRUCTION STANDARDS.
8. THE TOTAL SITE REQUIRED FIRE FLOW IS \_\_\_\_\_ GPM AT 20 PSI RESIDUAL, AND 1,500 GPM MINIMUM AT 20 PSI RESIDUAL FOR INDIVIDUAL HYDRANTS.
9. BASED ON THE DIFFERENCE BETWEEN THE MIDPOINT ELEVATION OF THE SUPPLY RESERVOIR AND THE FINISHED FLOOR ELEVATION OF THE RESIDENCE/BUILDING, THE MAXIMUM STATIC WATER PRESSURE FOR THIS PROJECT WILL BE \_\_\_\_\_ PSI FOR LOT/PARCEL NO. \_\_\_\_\_, AND THE MINIMUM STATIC WATER PRESSURE WILL BE \_\_\_\_\_ PSI FOR LOT/PARCEL NO. \_\_\_\_\_. EACH RESIDENCE/BUILDING WITH PRESSURE ABOVE 80 PSI REQUIRES A PRESSURE REGULATOR.
10. ALL CONSTRUCTION SHALL CONFORM TO THESE PLANS AND THE APPLICABLE CONSTRUCTION STANDARDS, UNLESS A CHANGE ORDER IS APPROVED BY THE BY THE PUBLIC WORKS DEPARTMENT ENGINEER.
11. THE UNDERGROUND SERVICE ALERT (USA) SHALL BE NOTIFIED AT 811 AT LEAST TWO (2) WORKING DAYS BEFORE PERFORMING ANY EXCAVATION WORK TO ALLOW UTILITY OWNERS TO MARK THE LOCATION OF THEIR RESPECTIVE UNDERGROUND FACILITIES. USA TICKET NUMBERS SHALL BE KEPT CURRENT IN ACCORDANCE WITH A.B. 73.
12. PRIOR TO THE START OF CONSTRUCTION, OWNER/DEVELOPER SHALL PROVIDE THE PUBLIC WORKS DEPARTMENT A CURRENT COPY OF THE APPROVED INSURANCE CERTIFICATE.
13. APPLICABLE ABOVE-GROUND BACKFLOW PREVENTION DEVICES SHALL BE INSTALLED ON THE CUSTOMER SIDE OF THE METER PRIOR TO CITY ACCEPTANCE OF THE WATER SYSTEM.
14. PRIOR TO FIELD ACCEPTANCE AND BEFORE OPENING OR CONNECTING ANY LINE TO THE CITY SYSTEM, ALL WATERLINES SHALL BE HYDROSTATICALLY TESTED, DISINFECTED, AND THOROUGHLY FLUSHED. CITY PERSONNEL WILL THEN PERFORM A BACTERIOLOGICAL TEST. LINES WILL NOT BE ACCEPTED UNTIL SATISFACTORY TEST RESULTS ARE OBTAINED.
15. IN THE EVENT A MAIN MUST BE UNCOVERED OR EXCAVATED AFTER IT HAS BEEN BACKFILLED AND COVERED WITH ANY PERMANENT ASPHALTIC CONCRETE PAVEMENT (REGARDLESS OF WHETHER LOCATED WITHIN STREET RIGHTS-OF-WAY OR PRIVATE PROPERTY), THE TRENCH SHALL BE BACKFILLED TO A HEIGHT ONE INCH BELOW THE BOTTOM OF THE EXISTING ASPHALT WITH ONE SACK SLURRY CEMENT. WHERE A MAIN LOCATED IN A NON-PAVED AREA MUST BE UNCOVERED OR EXCAVATED AFTER IT HAS BEEN BACKFILLED AND COMPACTED, THE TRENCH MAY BE BACKFILLED WITH ONE SACK CEMENT SLURRY OR NATIVE MATERIAL REMOVED FROM THE TRENCH. THE INSPECTOR MAY, AT HIS OR HER DISCRETION, REQUIRE SOILS TESTS BE PERFORMED BY A CERTIFIED SOILS ENGINEER TO ASSURE THAT THE NATIVE MATERIALS REPLACED IN THE TRENCH HAVE BEEN COMPACTED TO THE REQUIRED DENSITIES.
16. CONTRACTOR SHALL NOTIFY THE PUBLIC WORKS DEPARTMENT (TELEPHONE (805) 449-2400) AT LEAST FOUR (4) WORKING DAYS PRIOR TO ANY PROPOSED SHUTDOWN OF CITY OWNED WATER MAIN/FACILITIES IN ORDER TO PROVIDE SUFFICIENT LEAD TIME TO NOTIFY ALL AFFECTED RESIDENCES/CUSTOMERS. THE CONTRACTOR WILL BE BILLED BY THE DEPARTMENT AFFECTED BY THE MATERIALS BASIS FOR NOTIFYING CUSTOMERS AFFECTED BY THE SHUTDOWN. THE MAXIMUM LENGTH OF ANY SHUTDOWN SHALL BE FOUR HOURS.
17. CONTRACTOR SHALL SUBMIT RESULTS OF SOILS COMPACTION TEST (TAKEN AT 100 FEET MAXIMUM INTERVALS, 2 FEET MINIMUM) TO THE INSPECTOR.
18. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE DIVISION OF INDUSTRIAL RELATIONS (CAL-OSHA) SAFETY STANDARDS. IF REQUESTED BY THE INSPECTOR, THE CONTRACTOR SHALL PROVIDE PROOF THAT HE HAS OBTAINED A PERMIT FROM SAID DIVISION.
19. ALL WORK BY THE CONTRACTOR SHALL BE PERFORMED DURING NORMAL CITY WORKING HOURS AND UNDER THE INSPECTION OF THE PUBLIC WORKS DEPARTMENT INSPECTOR. WHERE OVERTIME INSPECTION IS NEEDED, AS DETERMINED BY THE INSPECTOR, THE CONTRACTOR WILL BE BILLED FOR SAID INSPECTION SERVICES, AS PROVIDED IN THE MOST RECENTLY ADOPTED ORDINANCE WHICH ESTABLISHES THE FEES FOR SUCH SERVICES.
20. THE CITY DOES NOT WARRANT OR GUARANTEE THE ACCURACY OF LOCATIONS AND GRADES FOR MAIN LINES, SERVICE LINES AND LATERALS AS SHOWN ON THESE PLANS.

**MATERIAL LIST**

(TO BE COMPLETED AT THE TIME OF PREPARATION OF RECORD DRAWINGS)

PIPE TYPE AND CLASS \_\_\_\_\_  
 VALVE MANUFACTURER \_\_\_\_\_  
 FIRE HYDRANT MANUFACTURER & MODEL \_\_\_\_\_

**LEGEND**

PLATE NO. \_\_\_\_\_

**STANDARD PLATES**

PLATE TITLE \_\_\_\_\_

**CITY OF THOUSAND OAKS  
PUBLIC WORKS DEPARTMENT**

**WATER NOTES AND DETAILS**

ENTITLEMENT/TRACT NO.  
ADDRESS

CITY OF THOUSAND OAKS DWG. NO. \_\_\_\_\_

SHEET \_\_\_\_ OF \_\_\_\_



**Know what's below.  
Call before you dig.**

DIAL TOLL FREE  
**8 1 1**  
AT LEAST TWO DAYS  
BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

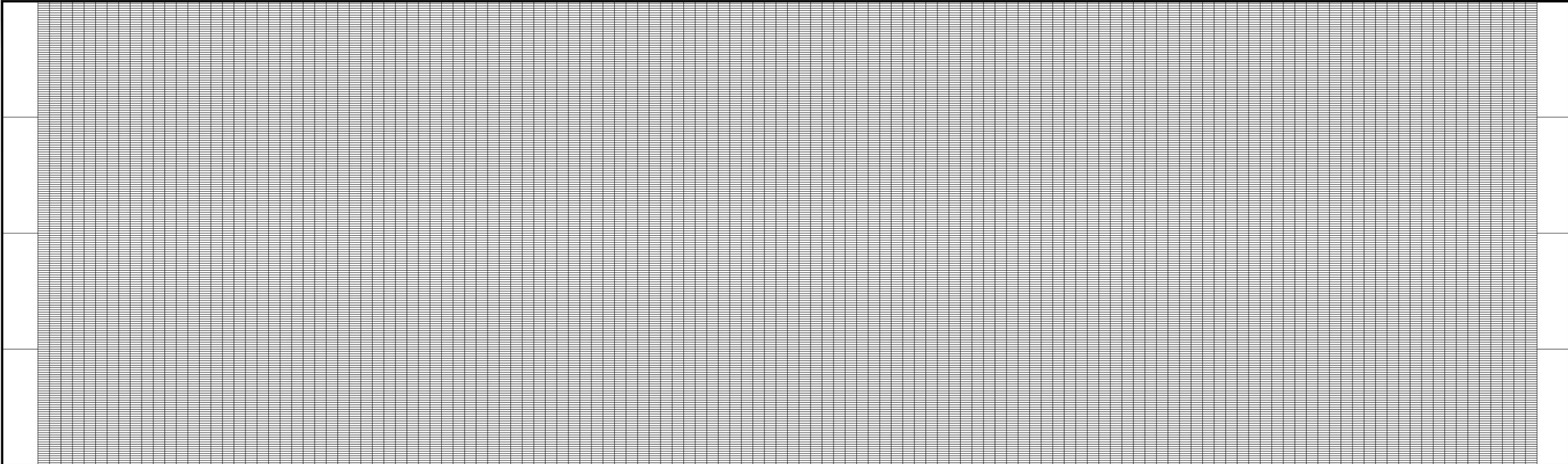
REV.	SYMBOL	DESCRIPTION OF CHANGE	DATE	P.D.E.	DATE

DESIGNED BY:	_____
DATE	_____
DRAWN BY:	_____
DATE	_____
CHECKED BY:	_____
DATE	_____

ENGINEER'S SEAL

PREPARED BY: \_\_\_\_\_  
 REGISTERED ENGINEER \_\_\_\_\_  
 RCE NUMBER \_\_\_\_\_

REVIEWED FOR PERMIT ISSUANCE BY:  
CITY OF THOUSAND OAKS  
 DEVELOPMENT ENGINEER \_\_\_\_\_  
 DATE \_\_\_\_\_



**GRID PLOTTING TIPS**

<u>COLOR</u>	<u>PEN COLOR</u>	<u>WIDTH(mm)</u>	<u>SCREENING</u>
251	251	0.18	100%
254	BLACK	0.18	80%
255	BLACK	0.35	100%

**CITY OF THOUSAND OAKS**  
PUBLIC WORKS DEPARTMENT

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**PLAN AND PROFILE**

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ENTITLEMENT/TRACT NO.  
ADDRESS

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CITY OF THOUSAND OAKS DWG. NO. \_\_\_\_\_ SHEET OF \_\_\_\_\_



REV.	SYMBOL	DESCRIPTION OF CHANGE	R.C.E.	DATE	P.D.E.	DATE

DESIGNED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

CHECKED BY: \_\_\_\_\_  
DATE: \_\_\_\_\_

ENGINEER'S SEAL

PREPARED BY: \_\_\_\_\_

REGISTERED ENGINEER \_\_\_\_\_  
RCE NUMBER \_\_\_\_\_

REVIEWED FOR PERMIT ISSUANCE BY:  
CITY OF THOUSAND OAKS

DEVELOPMENT ENGINEER \_\_\_\_\_  
DATE \_\_\_\_\_