

LOCATION MAP SCALE: NTS

### PUBLIC UTILITY AUTHORIZATION FOR OPERATION

CALIFORNIA AMERICAN WATER, 2439 WEST HILLCREST DR., NEWBURY PARK, CA. 91320 (805) 498-1266

VERIZON, 201 FLYNN ROAD, CAMARILLO, 93010

TELEPHONE:

LEHR (805) 388-2260

SOUTH. CALIFORNIA EDISON COMPANY, 3589 FOOTHILL DR., THOU. OAKS, CA 91361 ALICIA PILLADO (805) 494-7076

SOUTH. CALIFORNIA GAS COMPANY, 977 CHAMBERS LN.,

SIMI VALLEY, CA 93065 HANK MORALES (805) 520-2061

ADELPHIA, 2323 TELLER ROAD, NEWBURY PARK, CA 91320

(800) 427-3731

**DEVELOPER:** 

ELECTRIC:

CABLE TV:

GAS:

NAME: ADDRESS: REPRESENTATIVE:

CONEJO VALLEY CHURCH OF CHRIST 2525 E. HILLCREST DRIVE, THOUSAND OAKS, CA 91362 STU WARFORD, DIRECTOR

REVIEWED IN ACCORDANCE WITH CITY'S

POLICY CONDITIONS OF APPROVAL BY:

(805) 340-0501 TELEPHONE:

DEVELOPER'S ENGINEER:

NAME: ADDRESS:

2340 PALMA DR, SUITE 200, VENTURA, CA 93003 ROBERT ANDERSON, R.C.E. 58383 REPRESENTATIVE: TELEPHONE: (805) 485-3935

SOILS ENGINEER:

ADDRESS: REPRESENTATIVE: TELEPHONE: DATES OF REPORTS:

EARTH SYSTEMS 1731-A WALTER ST, VENTURA, CA 93003 TODD TRANBY, C.E.G. 2078

REV. SYMBOL

RJR ENGINEERING, INC.

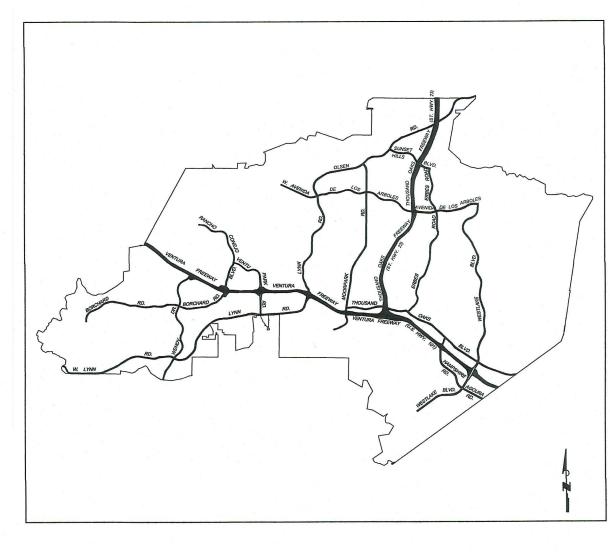
(805) 642-6727

# CITY OF THOUSAND OAKS

PUBLIC WORKS DEPARTMENT

## STORM DRAIN PLAN

CONEJO VALLEY CHURCH OF CHRIST 2525 E. HILLCREST DRIVE SUP 1973-235 / SUMJ18-70166



INDEX OF SHEETS		
NO.	DESCRIPTION	CITY OF T.O. DWG. NO.
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SD-2	STORM DRAIN NOTES	85-43A
SD-3	STORM DRAIN LINE PLAN & PROFILE	85-43A
SD-4	DETAILS	85-43A

## **CERTIFICATE OF "RECORD DRAWINGS"**

PREPARED BY:

ROBERT W. ANDERSON, R.C.E. 58383

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 1(800) 422-4133 A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

DIAL TOLL FREE

8 1 1

AT LEAST TWO DAYS

BEFORE YOU DIG

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

DIMENSIONS, MEASUREMENTS, CALCULATIONS OR ANY PORTION OF THE DESIGN OTHER THAN GEOTECHNICAL. SIGNATURE SOILS ENGINEER NO. REGISTERED GEOLOGIST NO. R.C.E. NO.

**DESCRIPTION OF CHANGE** 

THIS PLAN HAS BEEN REVIEWED BY

GENERAL CONFORMITY WITH THE GEOTECHNICAL RECOMMENDATIONS IN OUR REPORT(S) DATED

R.C.E. DATE P.D.E. DATE

1 Robert W. Anderson HEREBY CERTIFY, BASED ON MY FIELD OBSERVATION OR INFORMATION PROVIDED BY THE OWNER AND GENERAL CONTRACTORS THAT THE WORK ON SHEET NO'S 50-1 THROUGH 50-4 MARKED AS "RECORD DRAWING" HAS BEEN CONSTRUCTED IN SUBSTANTIAL COMPLIANCE WITH THESE PLANS, SPECIFICATIONS, REVISIONS, CHANGE ORDERS, AND FIELD CHANGES.

REGISTERED CIVIL ENGINEER (SIGNATURE) 9-5-18

DATE

C-058383

★ EXP. 12-31-18/ ¥/

AND APPEARS TO BE IN

6/26/18

DATE

6/26/18

DATE

6/26/18

MAKES NO REPRESENTATION AS TO THE ACCURACY OF

DESIGNED BY:

DRAWN BY:

CHECKED BY:

RCE NUMBER

Planning · Civil Engineering · Flood Control/Hydrology Storm Water Management Land Planning/Entitlements (805) 485-3935 E-mail: rjr@rjreng.com

RJR ENGINEERING GROUP 2340 Palma Drive, Suite 200, Ventura, CA 93003

EXP. 12/31/18

12-31-18 REVIEWED FOR PERMIT ISSUANCE BY: EXP. DATE CITY OF THOUSAND OAKS 1356118 PLANNING DIVISION DATE <TRAFFIC ENGINEER> DATE <BLDG. DIVISION - ADA COMPLIANCE>

<COSCA>

REVIEWED BY: VENTURA COUNTY FIRE DEPARTMENT

## CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT COVER SHEET

CITY OF THOUSAND OAKS DWG. NO. 85-43A

**PERMIT NUMBERS:** 

2. GRADING PERMIT NO. \_\_\_\_\_

CONEJO VALLEY CHURCH OF CHRIST 2525 E. HILLCREST DRIVE SUP 1973-235/SUMJ18-70166 SHEET SD-1 OF SD-4

1. ENTITLEMENT PERMIT NO. SUP 1973-235 / SUMJ 18-70166

(V.C.W.P.D.) ENCROACHMENT PERMIT NO.

6. CALTRANS ENCROACHMENT PERMIT NO.

3. ENCROACHMENT PERMIT NO. 26039

7. OAK/LANDMARK TREE PERMIT NO.

4. ON-SITE PAVING PERMIT NO. 5. VENTURA COUNTY WATERSHED PROTECTION DISTRICT

Know what's below.

Call before you dig.

#### GENERAL STORM DRAIN NOTES

- 1. STATIONS SHOWN ON STORM DRAIN DRAWINGS ARE ALONG CENTER LINE OF STRUCTURE, UNLESS OTHERWISE SHOWN.
- 2. STATIONS AND INVERT ELEVATIONS OF PIPE INLETS SHOWN ON THE PROFILES ARE THE INSIDE FACE OF THE STRUCTURE, UNLESS OTHERWISE SHOWN.
- 3. INLETS IN STREETS SHALL BE PER APWA STANDARD PLANS AS SHOWN. LENGTH IS AS SHOWN ON THE PLANS.
- 4. CURVED STORM DRAINS SHALL BE CONSTRUCTED WITH 8 FEET LENGTHS OF R.C.P. WITH ONE END BEVELED FOR 90 FEET RADIUS, OR WITH 8 FEET LENGTHS OF R.C.P. WITH BOTH ENDS BEVELED FOR 45 FEET RADIUS, OR WITH 4 FEET LENGTHS OF R.C.P. WITH BOTH ENDS BEVELED FOR 22.5 FEET RADIUS.
- 5. STORM DRAIN PIPE SHALL BE D-1900 R.C.P., UNLESS OTHERWISE SHOWN.
- 6. DRAINAGE STRUCTURES SHALL CONFORM TO APWA STANDARD PLANS, EXCEPT AS NOTED ON THE PLANS. RCP JOINTS SHALL CONFORM TO SPPWC 306-7.3.2
- 7. ALL MANHOLE FRAMES AND COVERS SHALL HAVE A MINIMUM OF 30" IN DIAMETER CLEAR ACCESS OPENING.
- 8. WORK ZONE SAFETY STANDARDS TRAFFIC CONTROL PLANS WILL BE PROVIDED FOR ANY WORK WITHIN THE PUBLIC RIGHT-OF-WAY. TRAFFIC CONTROL PLANS SHALL CONFORM TO THE REQUIREMENTS OF MUTCD —MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL PLAN MUST BE SUBMITTED TO THE CITY ENGINEER, 20 DAYS PRIOR TO IMPLEMENTATION OF THE TRAFFIC CONTROL. THE CITY ENGINEER'S WRITTEN APPROVAL MUST BE OBTAINED PRIOR TO IMPLEMENTATION OF THE TRAFFIC CONTROL.
- 9. NO DEVIATIONS FROM THESE PLANS SHALL BE MADE UNLESS A CHANGE ORDER IS APPROVED BY THE CITY ENGINEER.
- 10. ALL CONTRACTORS AND SUB-CONTRACTORS SHALL POSSESS A VALID CITY OF THOUSAND OAKS BUSINESS TAX LICENSE AND A VALID CALIFORNIA STATE CONTRACTOR'S LICENSE PRIOR TO COMMENCING WORK.
- 11. APPROVAL OF THESE PLANS BY THE CITY OR ITS AGENTS DOES NOT RELIEVE THE DEVELOPER'S ENGINEER AND THE APPLICANT OF THE RESPONSIBILITY FOR THE CORRECTION OF ERRORS OR OMISSIONS DISCOVERED DURING CONSTRUCTION. ALL APPROPRIATE PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL, PRIOR TO CONTINUANCE OF CONSTRUCTION OF THE AFFECTED IMPROVEMENTS.
- 12. ALL WORK SHALL BE PERFORMED DURING CITY WORKING HOURS AND SUBJECT TO INSPECTION BY THE PUBLIC WORKS DEPARTMENT. WHERE OVERTIME INSPECTION IS NEEDED, SUBJECT TO THE AVAILABILITY OF AN INSPECTOR AND APPROVED BY THE CITY ENGINEER, THE CONTRACTOR WILL BE BILLED FOR SAID INSPECTION SERVICES AS PROVIDED IN THE MOST RECENTLY ADOPTED RESOLUTION WHICH ESTABLISHES THE FEES FOR SUCH SERVICES.
- 13. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER BEFORE THE COMMENCEMENT OR CONTINUANCE OF WORK.
- 14. UTILITY LOCATIONS AND DEPTHS SHOWN HEREON HAVE BEEN PLOTTED IN ACCORDANCE WITH DATA FURNISHED BY THE UTILITY COMPANIES. NEITHER THE CITY NOR THE ENGINEER ASSUME RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION RECEIVED FOR EACH COMPANY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL PUBLIC AND PRIVATE PROPERTY INSOFAR AS IT MAY BE AFFECTED BY THESE OPERATIONS. ALL COSTS FOR PROTECTING, REMOVING, AND RESTORING EXISTING IMPROVEMENTS SHALL BE BORNE BY THE CONTRACTOR.
- 15. EROSION & SEDIMENT CONTROL MEASURES SHALL BE PROVIDED FOR ALL WORK IN CONFORMANCE WITH NPDES REQUIREMENTS YEAR-ROUND. THE SWPPP AND EROSION CONTROL PLANS MUST BE REVISED ANNUALLY AND SUBMITTED TO THE CITY ENGINEER FOR REVIEW AND APPROVAL NO LATER THAN SEPTEMBER 1 OF EACH
- 16. "AS-BUILT" DRAWING PLANS SHALL BE SUBMITTED PRIOR TO FINAL WALK-THROUGH INSPECTION AND ACCEPTANCE OF THE IMPROVEMENTS BY THE CITY.
- 17. THESE PLANS SHALL REMAIN VALID FOR A PERIOD OF TWO YEARS FROM THE DATE OF THE CITY ENGINEER'S SIGNATURE. IF WORK HAS NOT BEEN INITIATED AND DILIGENTLY PURSUED WITHIN SUCH PERIOD, THE PLANS SHALL BE SUBJECT TO A NEW REVIEW FOR COMPLIANCE WITH THEN CURRENT STANDARDS AND POLICIES.
- 18. THE CONTRACTOR SHALL PROTECT ALL EXISTING PROPERTIES FROM DAMAGE. ACCESS TO PROPERTIES ADJACENT TO ALL AREAS OF WORK SHALL BE MAINTAINED AT ALL TIMES
- 19. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT (USA) TOLL FREE AT 1-(800) 227-2600, AT LEAST 48 HOURS PRIOR TO
- 20. WRITTEN RIGHTS OF ENTRY FROM ALL PROPERTY OWNERS WHO'S PROPERTY ARE ENCROACHED UPON BY THE DRAINAGE FACILITY, WATER DISCHARGED BY THE DRAINAGE FACILITY, CONSTRUCTION EQUIPMENT, SPOILS OR MATERIALS, WILL BE PROVIDED TO THE CITY ENGINEER PRIOR TO THE START OF CONSTRUCTION.
- 21. THE CONTRACTOR IS RESPONSIBLE TO PROVIDE ALL NECESSARY CONSTRUCTION SURVEYING TO COMPLETE THE WORK. REFERENCE POINTS SHALL BE LOCATED NO MORE THAN 50 FEET APART AND SHALL BE MARKED WITH ALL INFORMATION PERTINENT TO THE FACILITY BEING CONSTRUCTED. EACH STRUCTURE SHALL BE PROVIDED WITH NO LESS THAN 2 REFERENCE POINTS
- 22. ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE "STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION" AND SUPPLEMENTS THERETO.
- 23. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL SAFETY REQUIREMENTS.
- 24. NO CONCRETE SHALL BE PLACED UNTIL THE FORMS AND REINFORCING STEEL HAVE BEEN PLACED, INSPECTED AND APPROVED BY THE CITY. THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST 48 HOURS IN ADVANCE FOR INSPECTION. FAILURE TO PROCURE INSPECTION WILL REQUIRE REMOVAL OF UN-INSPECTED IMPROVEMENTS.

- 25. CONCRETE BACKFILL IS REQUIRED WHEN THE PIPE HAS LESS THAN ONE FOOT OF COVER. THE CONCRETE BACKFILL SHALL CONSIST OF 335-E-14P PORTLAND CEMENT CONCRETE POURED FROM WALL TO WALL OF TRENCH AND FROM BOTTOM OF TRENCH TO A MINIMUM OF 4 INCHES OVER THE TOP OF THE PIPE. ADDITIONAL MEASURES WILL BE REQUIRED IF PIPE MAY EXPERIENCE EXCESSIVE LOADS.
- 26. ALL PIPES SHALL BE PLACED IN TRENCHES IN NATURAL GROUND AND/OR COMPACTED FILL. THE GROUND LEVEL BEFORE THE TRENCHING SHALL BE AT LEAST 3 FEET ABOVE THE TOP OF THE PIPE ELEVATION, OR AT FINISH SURFACE ELEVATION,
- 27. ALL BACKFILL AND FILLS OUTSIDE OF STREET RIGHT-OF-WAY SHALL BE COMPACTED TO THE GEOTECHNICAL ENGINEERS RECOMMENDATIONS, OR AT LEAST 90 PERCENT OF MAXIMUM DENSITY AS DETERMINED BY A.S.T.M. SOIL COMPACTION TEST D 1557, LATEST ED., METHOD "D". THIS SHALL BE CERTIFIED BY A GEOTECHNICAL ENGINEER.
- 28. ALL BACKFILL AND FILLS WITHIN STREET RIGHT-OF- WAY SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 306-1.3 OF THE STANDARD SPECIFICATIONS UNLESS OTHERWISE NOTED. CONTRACTOR SHALL NOTIFY THE INSPECTOR AT LEAST 24 HOURS IN ADVANCE OF SOIL TESTING OR AS REQUIRED.
- 29. PIPE SHALL BE EMBEDDED A MINIMUM OF 5 INCHES INTO ALL STRUCTURES INCLUDING INLET AND OUTLET HEADWALLS, UNLESS OTHERWISE SPECIFIED.
- 30. UNLESS OTHERWISE SPECIFIED IN THE PROFILE ON THESE PLANS, THE PIPE SHALL BE MANUFACTURED WITH A MINIMUM CONCRETE COVER OVER THE STEEL IN THE INVERTOF 0.75 INCHES FOR RCP UP TO 96 INCHES IN DIAMETER AND 1.25 INCHES FOR PIPE GREATER THAN 96 INCHES IN DIAMETER.
- 31. THE CONTRACTOR SHALL PROVIDE A DRAINAGE SYSTEM FOR CONTRIBUTORY FLOWS THAT WILL BE OPERABLE AT ALL TIMES UNTIL THE STORM DRAIN SYSTEM IS ACCEPTED FOR MAINTENANCE BY THE CITY.
- 32. EXISTING UTILITIES SHALL BE MAINTAINED IN PLACE BY THE CONTRACTOR, UNLESS OTHERWISE NOTED.
- 33. ALL OPENINGS RESULTING FROM THE CUTTING OR PARTIAL REMOVAL OF EXISTING CULVERTS, PIPES OR SIMILAR STRUCTURES SHALL BE SEALED WITH 8 INCHES OF BRICK AND MORTAR OR A MINIMUM OF 6 INCHES OF CONCRETE, UNLESS OTHERWISE
- 34. ALL ABOVE GROUND CONCRETE DRAINAGE STRUCTURES SHALL BE OMAHA TAN COLORED CONCRETE, AS APPROVED BY THE DIRECTOR OF COMMUNITY DEVELOPMENT, AND TO THE EXTENT POSSIBLE, SHALL INCORPORATE NATURAL STRUCTURE AND LANDSCAPE TO REDUCE THEIR VISIBILITY.
- 35. ALL SUBDRAINS SHALL CONNECT DIRECTLY TO DRAIN INLET STRUCTURES AND SHALL BE LOCATED IN THE DRAIN STRUCTURE FOR CONVENIENT ACCESS AND TESTING.
- 36. WORKING HOURS: WORKING HOURS SHALL BE DETERMINED BY THE CITY PERMIT. CONTRACTOR'S OVERTIME TO BE INCLUDED IN CONTRACT PRICE UNLESS ALTERNATIVELY AGREED UPON BY THE OWNER AT TIME OF CONTRACT FORMATION.
- 38. WORKING HOURS: WORKING HOURS SHALL BE DETERMINED BY THE CITY PERMIT. CONTRACTOR'S OVERTIME TO BE INCLUDED IN CONTRACT PRICE UNLESS ALTERNATIVELY AGREED UPON BY THE OWNER UPON CONTRACT FORMATION.
- 39. ALL SAWCUTTING SHALL BE COMPLETED IN STRAIGHT LINES PERPENDICULAR TO THE STREET CENTERLINE AND/OR PER THE CITY OF THOUSAND OAKS STANDARDS.

### NPDES GENERAL NOTES

- CONSTRUCTION SITES SHALL BE MAINTAINED IN SUCH A CONDITION THAT AN ANTICIPATED STORM OR CONSTRUCTION ACTIVITY DOES NOT CARRY WASTES OR POLLUTANTS OFF THE SITE.
- DISCHARGES OF MATERIAL OTHER THAN STORM WATER ARE ALLOWED ONLY WHEN NECESSARY FOR PERFORMANCE AND COMPLETION OF CONSTRUCTION PRACTICES AND WHERE THEY DO NOT: CAUSE OR CONTRIBUTE TO A VIOLATION OF ANY WATER QUALITY STANDARD; CAUSE OR THREATENED OF CAUSE POLLUTION, CONTAMINATION, OR NUISANCE; OR CONTAIN A HAZARDOUS SUBSTANCE IN A QUANTITY REPORTABLE UNDER FEDERAL REGULATIONS 40 CFR PARTS 117 & 302.
- POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: SOLID OR LIQUID CHEMICAL SPILLS: WASTES FROM PAINTS, STAINS, SEALANTS, GLUES, LIMES, PESTICIDES, HERBICIDES, WOOD PRESERVATIVES AND SOLVENTS; ASBESTOS, FIBERS, PAINT FLAKES OR STUCCO FRAGMENTS; FUELS, OILS, LUBRICANTS, AND HYDRAULIC, RADIATOR OR BATTERY FLUIDS; FERTILIZERS, VEHICLE/EQUIPMENT WASH WATER AND CONCRETE WASH WATER; CONCRETE, DETERGENT OR FLOATABLE WASTES; WASTES FROM ANY ENGINE/EQUIPMENT STEAM CLEANING OR CHEMICAL DEGREASING; AND SUPERCHLORINATED POTABLE WATER LINE FLUSHINGS.
- 4. DURING CONSTRUCTION, DISPOSAL OF SUCH MATERIALS SHOULD OCCUR IN A SPECIFIED AND CONTROLLED TEMPORARY AREA ON-SITE, PHYSICALLY SEPARATED FROM POTENTIAL STORM WATER RUN-OFF, WITH ULTIMATE DISPOSAL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- 5. DEWATERING OF CONTAMINATED GROUNDWATER, OR DISCHARGING CONTAMINATED SOILS VIA SURFACE EROSION, IS PROHIBITED. DEWATERING OF NON-CONTAMINATED GROUNDWATER REQUIRES A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT FROM THE RESPECTIVE STATE OF WATER QUALITY CONTROL BOARD.
- 6. ALL ACTIVITIES WILL CONFORM TO VENTURA COUNTY WIDE STORM WATER QUALITY MANAGEMENT PROGRAM NPDES PERMIT NO. CASO04002 AND CALIFORNIA STORM WATER BEST MANAGEMENT PRACTICES HANDBOOK.

- THE PROJECT CONSERVATION PLANS WILL INCORPORATE BEST MANAGEMENT PRACTICE (BMP'S) APPLICABLE TO THE DEVELOPMENT TO THE REVIEW AND SATISFACTION OF THE CITY ENGINEER. BMP'S FOR THIS PROJECT WILL INCLUDE (BUT ARE NOT LIMITED TO THE
  - ALL STORM DRAIN INLETS SHALL BE LABELED "DON'T DUMP DRAINS TO THE ARROYO"
  - DRAINS TO THE ARROYO NO VEHICLE MAINTENANCE SHALL BE ALLOWED ON THE SITE.

    ALL AREAS SHALL BE MAINTAINED FREE OF LITTER AND DEBRIS
    TO PREVENT THE ACCUMULATION OF LITTER AND DEBRIS FROM
    ENTERING THE STORM DRAIN OR BEING BLOWN OFF THE SITE.
    CLEANING AGENT OR OTHER POLLUTANT SHALL BE DISCHARGED
    INTO THE STORM DRAIN SYSTEM. IF ANY CLEANING AGENT OR
    DEGREASER IS USED, WASH WATER SHALL NOT BE DISCHARGED TO THE STORM DRAIN OR DISCARDED ON SITE. WASH WATER SHALL BE COLLECTED BY VACUUM OR OTHER SUCH APPROPRIATE METHOD AND DISCARDED AT AN APPROVED DISPOSAL LOCATION.
    ALL STORM DRAINS SHALL BE CLEANED, USING APPROPRIATE METHODS AND TO THE SATISFACTION OF THE CITY ENGINEER
  - PRIOR TO ACCEPTANCE.
- 8. PRIOR TO THE ISSUANCE OF ANY CONSTRUCTION/GRADING PERMIT AND/OR THE COMMENCEMENT OF ANY CLEARING, GRADING OR EXCAVATION, THE DEVELOPER SHALL ALSO SUBMIT A NOTICE OF INTENT (NOI) TO THE CALIFORNIA STATE WATER RESOURCES CONTROL BOARD, STORM WATER PERMIT UNIT IN ACCORDANCE WITH THE NPDES CONSTRUCTION GENERAL PERMIT (NO. CASQOOOO2): DEVELOPER SHALL COMPLY WITH ALL REQUIREMENTS OF THIS GENERAL PERMIT INCLUDING PREPARATION OF A STORM WATER POLLUTION PREVENTION PLANS (SWPPP). THE DEVELOPER SHALL SUBMIT A COPY OF THE NOTICE OF INTENT (NOI) TO THE CITY ENGINEERS OFFICE AS PROOF OF PERMIT APPLICATION.
- 9. DEVELOPER SHALL EMPLOY A FULL—TIME SUPERINTENDENT FOR NPDES COMPLIANCE. THE NPDES SUPERINTENDENT SHALL BE PRESENT, ON THE PROJECT SITE MONDAY THROUGH FRIDAY AND ON ALL OTHER DAYS WHEN THE PROBABILITY OF RAIN IS 40% OR HIGHER AND PRIOR TO THE START OF AND DURING ALL GRADING OR CLEARING OPERATIONS UNTIL THE RELEASE OF GRADING BONDS. THE NPDES SUPERINTENDENT SHALL HAVE FULL AUTHORITY TO HIRE PERSONNEL, BIND THE DEVELOPER IN CONTRACTS, RENT EQUIPMENT AND PURCHASE MATERIALS TO THE EXTENT NEEDED TO EFFECTUATE BEST MANAGEMENT PRACTICES. IN ADDITION, THE NPDES SUPERINTENDENT SHALL BE EMPLOYED TO ASSUME NPDES COMPLIANCE DURING THE CONSTRUCTION OF STREETS, STORM DRAINAGE SYSTEMS, ALL UTILITIES, BUILDINGS AND FINAL LANDSCAPING OF THE SITE.
- 10. CONTRACTOR SHALL PROVIDE FULL TIME STREET SWEEPER DURING ALL CONSTRUCTION ACTIVITY. THE NPDES SUPERINTENDENT SHALL BE PRESENT, ON THE PROJECT SITE MONDAY
- 11. CONTRACTOR SHALL ENSURE ALL RUNOFF AND DEBRIS ARE CONTAINED LOCALLY AND DOES NOT EXTEND OFFSITE OR TO THE CITY/ COUNTY MS4 DRAINS.

## ADDITIONAL GEOTECHNICAL NOTES

- 1. ALL STORM DRAIN EXCAVATIONS MUST BE INSPECTED AND APPROVED BY THE CONSULTING GEOLOGIST AND SOILS ENGINEER PRIOR TO THE PLACING OF STEEL OR CONCRETE.
- 2. ROUGH GRADING, AS IT RELATED TO THE PROPOSE STORM DRAIN, MUST BE APPROVED BY A FINAL ENGINEERING GEOLOGY AND SOILS ENGINEERING REPORT. AN AS-BUILT GEOTECHNICAL MAP MUST BE INCLUDED IN THE FINAL REPORT. A FINAL STATEMENT MUST BE PROVIDED THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE REPORT RECOMMENDATION AND CODE PROVISIONS (SECTION 3318.1). THE FINAL REPORT(S) MUST BE SUBMITTED TO THE GEOTECHNICAL AND MATERIALS ENGINEERING DIVISION FOR REVIEW AND APPROVAL.

## PRIVATE ENGINEERS NOTICE TO CONTRACTORS

- 1. THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF THE 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 DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR SHOWN ON THIS DRAWING.
- 2. THE CONTRACTOR SHALL CONDUCT A THOROUGH POT HOLE PLAN INVESTIGATION TO IDENTIFY ALL UTILITIES PRIOR TO START OF CONSTRUCTION 3. CONTRACTOR'S QC - CONCRETE PLACEMENT, SAMPLES AND TESTING SHALL CONFORM TO AMERICAN CONCRETE INSTITUTE (ACI) FOR STRUCTURAL CONCRETE. A) AT LEAST ONE COMPOSITE SAMPLE FOR EVERY 100 CU.YDS. OF CONCRETE PLACED EACH DAY (ASTM C172).
  - R) COMPRESSION TESTING PER ASTM C31.
  - C) COMPACTION STRENGTH TESTING PER ASTM C39.
- 4. SHOP DRAWINGS MUST BE SUBMITTED FOR ALL CURVED RCP SECTIONS. 5. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE ALL EXCAVATIONS ARE CONSTRUCTED AND SHORED IN ACCORDANCE WITH CALOSHA AND APPROPRIATE SHORING PLANS SIGNED AND SEALED BY A CALIFORNIA REGISTERED CIVIL ENGINEER EXPERIENCED IN UTILITY SHORING. ONLY THE CIVIL/ SHORING ENGINEER SHALL APPROVE ANY PLAN DEVIATIONS IN WRITING BEFORE IMPLEMENTATION.
- 6. CONTRACTOR SHALL PROVIDE FULL TIME TRAFFIC CONTROL DURING CONSTRUCTION IN THE STREET. A TRAFFIC CONTROL PLAN SHALL BE PREPARED IN ACCORDANCE WITH CALTRANS TRAFFIC STANDARDS AND APPROVED BY A CALIFORNIA REGISTERED CIVIL ENGINEER, EXPERIENCED IN TRAFFIC CONTROL PLANS. ONLY THE TRAFFIC/ CIVIL ENGINEER SHALL APPROVE ANY PLAN DEVIATION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 7. CONTRACTOR SHALL SUBMIT FOR ENGINEER'S APPROVAL:
  - SCHEDULE / SEQUENCING TRAFFIC CONTROL PLAN
  - ALL MATERIALS
  - PIPES
  - STEEL/ REBAR PLAN DEVIATIONS

BASED ON MY FIELD VERIFICATION AND/OR INSPEC-TION, I CERTIFY THAT THE WORK HAS BEEN CON-STRUCTED IN COMPLIANCE WITH THESE PLANS, SPECIFICATIONS, REVISIONS AND FIELD CHANGES.

(SIGNATURE) DATE 9-5-18 RCE NO. C-58383

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 1(800) 227-2600 A MINIMUM OF 48 HOURS PRIOR TO START OF CONSTRUCTION.

AND APPEARS TO BE IN THIS PLAN HAS BEEN REVIEWED BY REVIEWED IN ACCORDANCE WITH CITY'S GENERAL CONFORMITY WITH THE GEOTECHNICAL RECOMMENDATIONS IN OUR REPORT(S) DATED POLICY CONDITIONS OF APPROVAL BY: MAKES NO REPRESENTATION AS TO THE ACCURACY OF DIMENSIONS, MEASUREMENTS, CALCULATIONS OR ANY PORTION OF THE DESIGN OTHER THAN GEOTECHNICAL. DATE SIGNATURE

DATE SOILS ENGINEER REGISTERED GEOLOGIST NO. EXP. DATE R.C.E. NO. **DESIGNED** 6/26/18 DATE DRAWN BY 6/26/18 DATE CHECKED BY

DATE NO. RT W. ANDE C-058383 EXP. 12-31-18/

PREPARED BY: RJR ENGINEERING GROUP Planning · Civil Engineering · Flood Control/Hydrology Geotechnical Engineering · Geology · Water Resources Water Quality 2340 Palma Drive, Suite 200. Ventura, CA 93003 E-mail: rjr@rjreng.com C - 58383

REVIEWED FOR PERMIT ISSUANCE BY: CITY OF THOUSAND OAKS 135EP 18 mh. JaL DATE DEVELOPMENT ENGINEER DATE PLANNING DIVISION DATE <TRAFFIC ENGINEER> DATE <BLDG. DIVISION - ADA COMPLIANCE> DATE <COSCA>

CITY OF THOUSAND OAKS PUBLIC WORKS DEPARTMENT

INDEX TO STANDARD DRAWINGS

AMERICAN PUBLIC WORKS ASSOCIATION

MANHOLE PIPE TO PIPE (LARGE SIDE INLET)

CONCRETE COLLAR FOR RCP 300mm (12") THROUGH

DRIVEWAY APROACH

1800mm (72")

STD. PLAN

110 - 2

322-2

380-4

STORM DRAIN NOTES

CONEJO VALLEY CHURCH OF CHRIST 2525 E. HILLCREST DRIVE SUP 1973-235/SUMJ18-70166

CITY OF THOUSAND OAKS DWG. NO. 85-43A

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

DIAL TOLL FREE 8 1 1 AT LEAST TWO DAYS

UNDERGROUND SERVICE ALERT OF SOUTHERN CALIFORNIA

REV. SYMBOL

DESCRIPTION OF CHANGE

R.C.E. DATE P.D.E. DATE

6/26/18 DATE

REGISTERED ENGINEER **ENGINEER'S SEAL** 

RCE NUMBER

SHEET SD-2 OF SD-4

