

PURSUANT TO CALIFORNIA GOVERNMENT CODE SECTION 4216, NO
EXCAVATION PERMIT IS VALID UNLESS THE FOLLOWING IS PERFORMED:

- SIGNED _____ DATE _____

- ALL WORK SHALL CONFORM TO THE MOST CURRENT EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CITY OF IRVINE STANDARD DRAWINGS, CITY OF IRVINE STANDARD SPECIFICATIONS, THE UNIFORM BUILDING CODE, THE WORK AREA TRAFFIC CONTROL HANDBOOK (W.A.T.C.H. MANUAL), CALTRANS STANDARD SPECIFICATIONS, ADA, CALIFORNIA MUTCD AND TITLE 24.
2. THE CONTRACTOR SHALL TELEPHONE THE CITY OF IRVINE INSPECTIONS (949) 724-6500 AND THE CITY OF IRVINE PUBLIC WORKS & SUSTAINABILITY (949) 724-7365, AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO STARTING CONSTRUCTION.
3. ALL UNDERGROUND FACILITIES SHALL BE INSTALLED PRIOR TO SURFACING OF STREETS. THE INSTALLATION OF ALL UNDERGROUND FACILITIES CROSSING EXISTING STREET OR STREETS REQUIRES BORING OR JACKING, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER.
4. ANY EXISTING PAVEMENT DISTURBED BY THE CONSTRUCTION OF UNDERGROUND INSTALLATIONS SHALL BE COVERED BY A PERMIT ISSUED BY THE CITY OF IRVINE.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ARRANGE FOR AND COORDINATE THE RELOCATION OF ANY EXISTING UTILITIES DEEMED NECESSARY BY THE PROPOSED IMPROVEMENT.
6. WHENEVER IT BECOMES NECESSARY TO TUNNEL UNDER EXISTING IMPROVEMENTS, THE CONTRACTOR SHALL SUPPORT THOSE IMPROVEMENTS IN A MANNER APPROVED BY THE CITY ENGINEER, OR THE CONTRACTOR SHALL SAWCUT, REMOVE AND REPLACE THOSE IMPROVEMENTS IN ACCORDANCE WITH THE CITY OF IRVINE STANDARD DRAWINGS.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE NEW SEWER, LATERALS CONSTRUCTED AND TO STAMP THE CURB WITH AN "S" ABOVE THE NEW LATERAL. INDIVIDUAL SEWER AND WATER SERVICES SHALL NOT BE LOCATED UNDER A DRIVEWAY.
8. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND STAMP THE CURB ON EACH SIDE OF THE STREET WITH THE APPROPRIATE LETTER: "E" FOR EDISON, "T" FOR TELEPHONE, ETC., WHEREVER UNDERGROUND FACILITIES CROSS A STREET.
9. PRIOR TO PLACING OF UNDERGROUND UTILITIES, THE LOCATION OF ALL UNDERGROUND FACILITIES (ELECTRICAL, TELEPHONE, CABLE TV, GAS, ETC.) SHALL BE ADDED TO IMPROVEMENT PLANS.
10. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION OF ALL EXISTING UNDERGROUND UTILITIES (BY POTHOLES OR OTHER MEANS). CONTRACTORS SHALL NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) 811 AT LEAST TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION TO LOCATE EXISTING UTILITIES.
11. ALL CONCRETE WORK AS SHOWN ON PLANS (CURB & GUTTER, STORM DRAIN, PIPE, MANHOLES, SIDEWALK, ETC.) SHALL BE THE EXTRA STRENGTH CONCRETE WITH 7 SACK TYPE II CEMENT OR 6 SACK TYPE V CEMENT, UNLESS DEEMED UNNECESSARY BY SULPHATE CONTENT TESTS AS APPROVED BY THE CITY OF IRVINE.

12. CONTRACTOR SHALL OBTAIN ANY REQUIRED O.S.H.A. PERMITS PRIOR TO ANY EXCAVATIONS.
13. ARROW BOARDS SHALL BE USED ON ANY LANE CLOSURES ON ARTERIAL STREETS.
14. SLURRY BACKFILL SHALL BE REQUIRED WHEN TUNNELING UNDER CURB AND GUTTER. SLURRY BACKFILL IS REQUIRED AROUND ALL MANHOLE CONSTRUCTION WITHIN PAVED STREETS.
15. THE FOLLOWING SIGN SHALL BE POSTED AT ALL STREET INTERSECTIONS AND TRAC TRANSERVANCES.

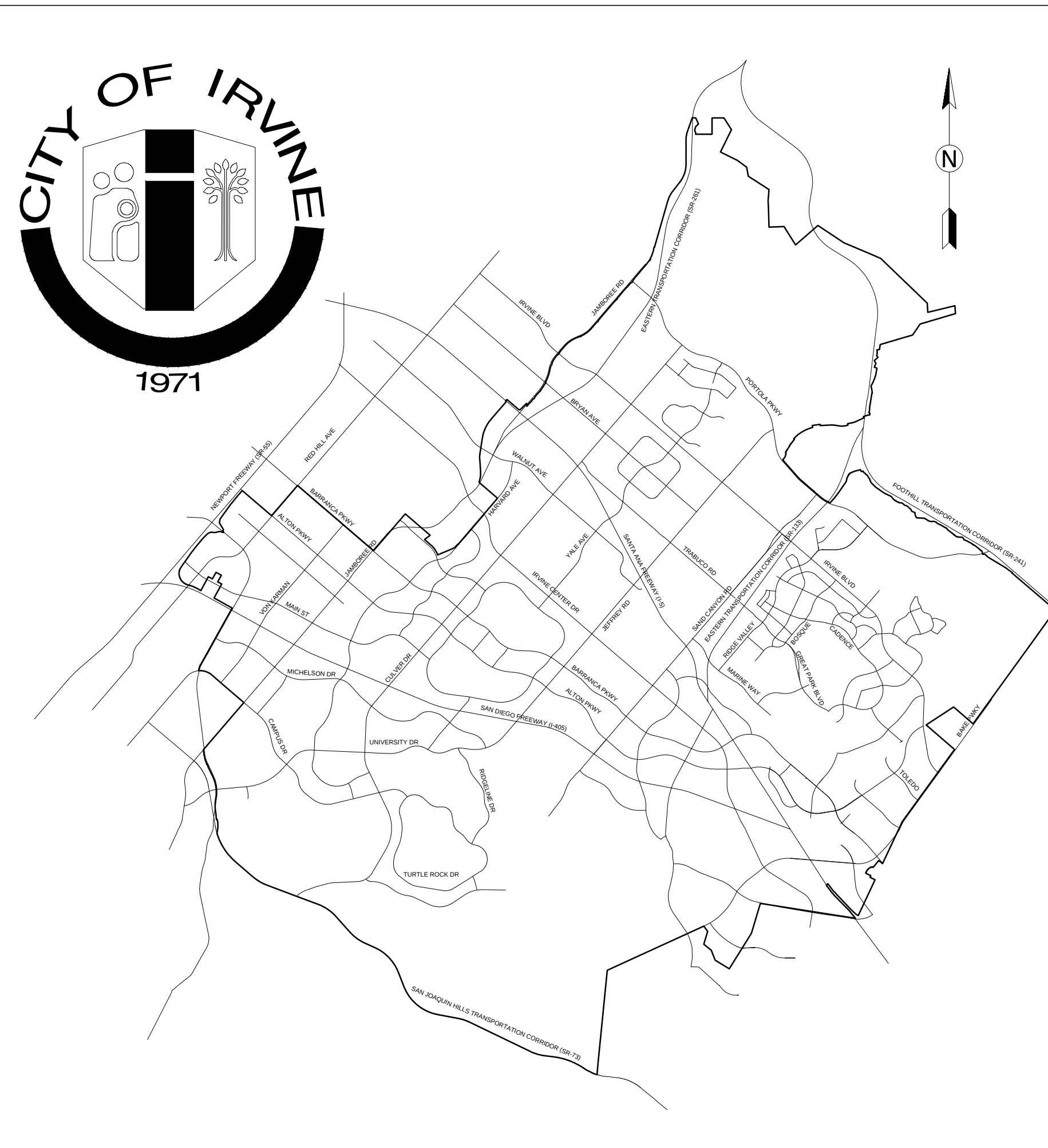
MAINTENANCE OF THIS STREET AND RIGHT-OF-WAY
IS THE DEVELOPER'S RESPONSIBILITY.
DEVELOPER ----- PHONE -----

THE SIGN SHALL HAVE 3" HIGH (MINIMUM) LETTERING AND MUST BE
INSTALLED PRIOR TO ANY OCCUPANCY. DEVELOPERS SHALL REMOVE SIGNS AT
THE TIME OF CITY ACCEPTANCE OF STREET IMPROVEMENTS.
16. STREET CONSTRUCTION AND IMPROVEMENTS SHALL NOT BE OPENED FOR
PUBLIC USE UNTIL ACCEPTED BY THE CITY.
17. ALL IMPROVEMENTS AND TRAFFIC SIGNAL WORK WITHIN THE STATE RIGHT-OF-WAY
SHALL CONFORM TO CURRENT CALTRANS STANDARD SPECIFICATIONS.
18. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS
BEFORE STARTING WORK. SHOULD CONDITIONS EXIST WHICH ARE
CONTRARY TO THOSE SHOWN ON PLANS, THE DESIGN ENGINEER SHALL BE
NOTIFIED BEFORE PROCEEDING WITH WORK.
19. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ASSURE THAT
ALL PIPES WALLS, ETC. ARE ADEQUATELY BRACED DURING CONSTRUCTION.
20. ALL WORK SHALL CONFORM TO THE PLANS AND SPECIFICATIONS IN ALL
RESPECTS AND SHALL BE SUBJECT TO APPROVAL BY THE CITY'S INSPECTOR.
21. PURSUANT TO SECTION 8771 OF THE BUSINESS AND PROFESSIONS CODE,
EXISTING SURVEY MONUMENTS SHALL BE NOTED AND DOCUMENTED BEFORE
CONSTRUCTION. IF MONUMENTS ARE DISTURBED DURING CONSTRUCTION, THE
CONTRACTOR SHALL PAY A LICENSED LAND SURVEYOR OR REGISTERED CIVIL
ENGINEER TO RESET SUCH MONUMENTS, UNLESS OTHERWISE SPECIFIED OR
DESIGNATED.
22. CONSTRUCTION ACTIVITIES MAY OCCUR BETWEEN 7:00 A.M. AND 7:00 P.M.
MONDAYS THROUGH FRIDAYS, AND 9:00 A.M. AND 6:00 P.M. ON SATURDAYS.
NO CONSTRUCTION ACTIVITIES SHALL BE PERMITTED OUTSIDE OF THESE HOURS OR
ON SUNDAYS AND FEDERAL HOLIDAYS UNLESS A TEMPORARY WAIVER IS GRANTED
BY THE CHIEF BUILDING OFFICIAL OR HIS OR HER AUTHORIZED REPRESENTATIVE.
23. NO WORK MAY OCCUR ON ARTERIAL STREETS BEFORE 9:00 A.M. OR CONTINUE
AFTER 3:00 P.M. UNLESS A TEMPORARY WAIVER IS GRANTED BY THE CHIEF
BUILDING OFFICIAL OR HIS OR HER AUTHORIZED REPRESENTATIVE.

24. IF THE CONTRACTOR WISHES TO ENGAGE IN CRUSHING OPERATIONS AT THE PROJECT SITE, HE OR SHE MUST PROVIDE A WRITTEN REQUEST AND OBTAIN THE CITY'S WRITTEN APPROVAL PRIOR TO AWARD OF THE CONSTRUCTION CONTRACT. THE WRITTEN REQUEST MUST STATE THE PROPOSED LOCATION OF THE CRUSHER AND THE SOURCE OF RUBBLE TO BE CRUSHED. THE CITY HAS THE OPTION TO PERMIT OR PROHIBIT CRUSHING OPERATIONS FOR UNTREATED BASE MATERIAL IN THE IMMEDIATE VICINITY OF THE PROJECT SITE. IF ALLOWED, THE CRUSHING OPERATION MUST BE IN COMPLIANCE WITH SECTION 200-2 OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION.

1. STATION SHOWN AS 0 + 00 ARE STORM DRAIN STATIONS AND ARE INDEPENDENT OF ALL CENTERLINE STATIONS.
2. ALL WORK SHALL CONFORM TO THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CITY OF IRVINE STANDARD DRAWINGS, CITY OF IRVINE STANDARD SPECIFICATIONS, ALL APPLICABLE GENERAL NOTES AND THE STANDARD SPECIFICATIONS OF THE STATE OF CALIFORNIA WHERE APPLICABLE.
3. ALL TRENCH EXCAVATIONS SHALL CONFORM TO STATE OF CALIFORNIA CONSTRUCTION SAFETY ORDERS.
4. ALL PIPES SHALL BE BEDDED IN ACCORDANCE WITH DETAILS SHOWN ON STD PLAN 318 UNLESS OTHERWISE NOTED.
5. THE CITY OF IRVINE INSPECTION DEPARTMENT SHALL BE NOTIFIED AT LEAST TWO WORKING DAYS (24 HOURS) PRIOR TO START OF WORK AT (949) 724-6500. A PRE-CONSTRUCTION CONFERENCE IS REQUIRED PRIOR TO START OF CONSTRUCTION.
6. R.C.P. SHALL CONFORM TO APPLICABLE A.S.T.M. STANDARDS.
7. ALL FILL MATERIAL SHALL BE COMPACTED TO 90% RELATIVE COMPACTION AS DETERMINED BY CALIFORNIA TEST METHODS 216F.
8. ALL MATERIAL TESTING FOR THE DRAINAGE FACILITIES SHALL BE PROVIDED BY THE CONTRACTOR OR DEVELOPER IN ACCORDANCE WITH THE NUMBER, LOCATION, AND FREQUENCY REQUESTED BY THE CITY INSPECTOR.

1. STATION SHOWN AS 0 + 00 ARE SEWER STATIONS AND ARE INDEPENDENT OF ALL CENTERLINE STATIONS.



APPROVED BY:
CITY ENGINEER

DATE	
DRAWN BY:	
DATE	
DESIGNED BY:	
DATE	ANDREW PHAM R.C.E. NO. 74817 DATE
CHECKED BY:	APPROVED BY: ORANGE COUNTY FIRE MARSHAL
RECOMMENDED BY:	SR# _____ DATE

SHEET No.	DESCRIPTION	LOCATION
-----------	-------------	----------

BENCH MARK:



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

PLAN CHECK NO.	X
PERMIT NO.	X
CIP NO.	X
SHEET	
OF	

CITY OF IRVINE
PUBLIC WORKS & SUSTAINABILITY DEPARTMENT