- 2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, STANDARD DRAWING NO. 10 AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- 3. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE
- 4. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- 5. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- 6. TRIM EDGE OF EXISTING PAVEMENT WHERE NEW PAVEMENT JOINS TO A SMOOTH, STRAIGHT LINE. CONSTRUCT MATCH-UP PAVING AS SHOWN ON PLAN AND OVERLAY PAVING AS DIRECTED IN THE FIELD BY THE PRIVATE ENGINEER.
- 7. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FROM THE SOILS ENGINEER, CERTIFYING THE COMPACTION OF THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT /CUT SHEETS.
- 8. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTOR.
- 9. STREET IMPROVEMENT WORK THAT WILL CAUSE DAMAGE TO THE DETECTOR LOOPS SHALL NOT BE PERFORMED UNTIL TRAFFIC SIGNAL MAINTENANCE PERSONNEL HAVE BEEN NOTIFIED AND THE NECESSARY TIMING ADJUSTMENTS MADE TO MAINTAIN SIGNAL OPERATION.
- 10. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
- 11. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE # 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING- NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A..

## **CONSTRUCTION NOTES:**

- (1) PROTECT IN PLACE
- (2) REMOVE
- (3) INSTALL 6' CHAIN LINK FENCE
- (4) INSTALL 108" R.C.P. D = 1000
- (5) CONSTRUCT PIPE CULVERT HEADWALL TYPE B
- PER DETAILS SHEET 3.
- (6) 4" P.C.C. RAMP W/6"  $\times$  6"  $W2.9 \times W2.9 W.W.M.$ 3.529 SF WITH GUIDE RAIL PER DETAILS SHEET 2. 7) INSTALL ALTERNATIVE ANCHORAGE POST POCKET PER DETAILS SHEET 3. 20 EA
- (8) ADJUST TO GRADE (9) REMOVE AND REPLACE EXIST. SIGN 1 EA (10) CONSTRUCT SLOT DRAIN PER DETAIL SHEET 2 1 EA (11) CONSTRUCT SLOT DRAIN DRAIN W/SUMP PIT 1 EA
- PER DETAIL SHEET 2 (12) INSTALL 1" P.V.C. PIPE
- (13) INSTALL 4" P.V.C. PIPE

(14) INSTALL SCREENING FENCE

- (15) INSTALL DRY WELL PER DETAIL SHEET 2 1 EA
- (17) CONSTRUCT PERCOLATION TRENCH PER DETAILS SHEET 2. (18) INSTALL 10' WIDE 7' HIGH DOUBLE GATE
- PER DETAIL SHEET 2. (22) CONSTRUCT WATERLINE SUPPORT PER APWA STD. DWG NO. 224-0.

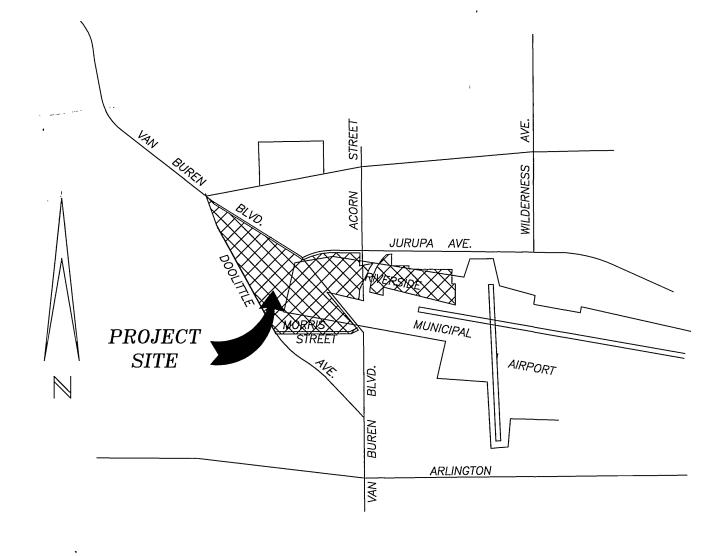
#### PRIVATE ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THIS PLAN ARE \$\textit{OBTAINED BY A SEARCH OF AVAILABLE} RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY METHODS TO PROTECT THE UTILITIES SHOWN AND OTHER LINES OR STRUCTURE'S NOT SHOWN ON THESE PLANS.

ALL CONTRACTORS AND SUBCONTRACTORS PERFORMING WORK SHOWN ON OR RELATED TO THESE PLANS SHALL CONDUCT THEIR OPERATIONS SO THAT ALL EMPLOYEES ARE PROVIDED A SAFE PLACE TO WORK AND THE PUBLIC IS PROTECTED. ALL CONTRACTORS -AND \$UBCONTRACTORS SHALL COMPLY WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS"

THE CIVIL ENGINEER SHALL NOT BE RESPONSIBLE IN ANY WAY FOR THE CONTRACTORS AND SUBCONTRACTORS COMPLIANCE WITH THE "OCCUPATIONAL SAFETY AND HEALTH REGULATIONS" OF THE U.S. DEPARTMENT OF INDUSTRIAL RELATIONS "CONSTRUCTION SAFETY ORDERS"

CONTRACTOR FURTHER AGREES THAT HE \$HALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OR CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND THE ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.



VICINITY MAP

NO SCALE

CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR METHOD OF SUPPORT/BRACING FOR 16' M.L. & C. WATER MAIN, ALSO, CONTRACTOR SHALL GIVE CITY WATER DIVISION 72 HOURS WRITTEN NOTICE PRIOR TO START OF CONSTRUCTION. (909.78**2**.5304)

LEGEND:

PROPOSED TREE

EXISTING TREE

EXISTING HEDGE

EXISTING FENCE

EXISTING POWER POLE

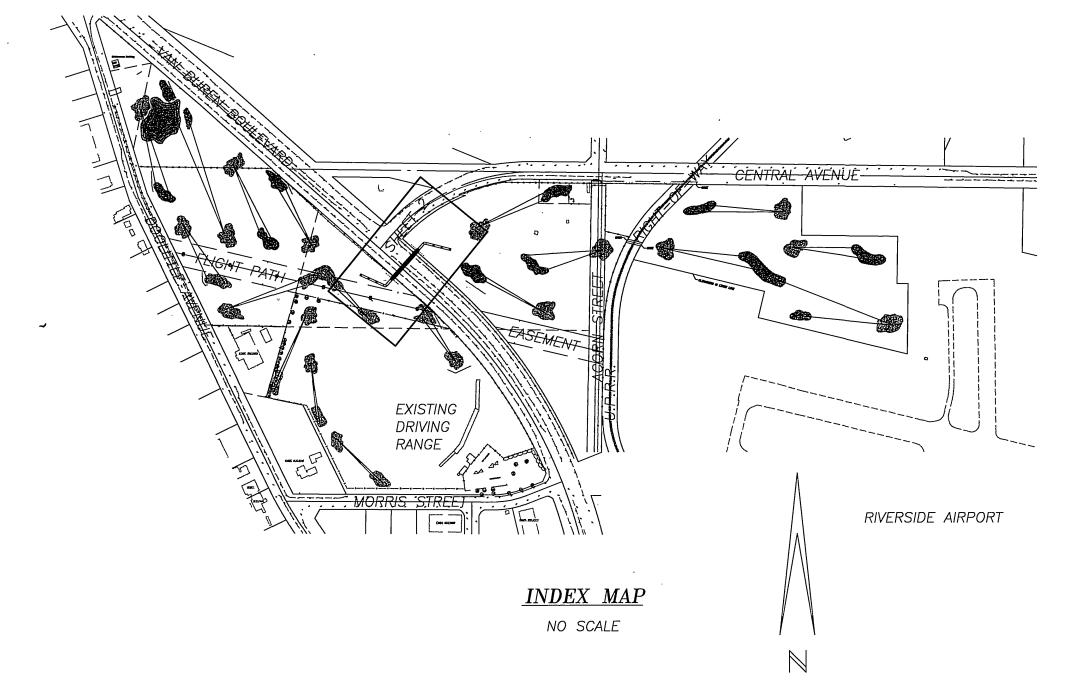
EXISTING WATER VALVE

EXISTING TRAFFIC SIGN

EXISTING MANHOLE

EXISTING TRAFFIC SIGNAL

EXISTING LIGHT STANDARD



BUSINESS TAX CERTIFICATE NO. 064178, EXPIRES 10/02/96

#### **GRADING NOTES:**

- 1. ALL GRADING SHALL CONFORM TO APPENDIX, CHAPTER 33 OF THE CURRENT CITY ADOPTED EDITION OF THE UNIFORM BUILDING CODE.
- 2. ALL PROVISIONS OF THE PRELIMINARY SOILS REPORT PREPARED BY EARTH TECHNICS TEMECULA, CA 92589 DATED NOV. 21. 1995 SHALL BE COMPLIED WITH DURING GRADING OPERATIONS. CITY BUSINESS TAX CERTIFICATE NO. <u>034899</u> EXP. DATE <u>10/10/96</u>.
- 3. THIS PLAN IS FOR GRADING PURPOSES ONLY. ISSUANCE OF A PERMIT BASED ON THIS PLAN DOES NOT CONSTITUTE APPROVAL OF DRIVEWAY LOCATIONS OR SIZES, PARKING LOT STRUCTURAL SECTIONS OR LAYOUT, BUILDING LOCATIONS, OFF—SITE DRAINAGE FACILITIES OR OTHER ITEMS NOT DIRECTLY RELATED TO THE BASIC GRADING OPERATION.
- CERTIFICATION FROM THE REGISTERED CIVIL ENGINEER STATING THAT THE GRADING HAS BEEN COMPLETED PER THE APPROVED PLAN, AND A COMPACTION REPORT FROM THE SOIL ENGINEER FOR FILL AREAS ARE REQUIRED PRIOR TO BUILDING PERMITS BEING ISSUED.
- 5. CONTRACTOR IS RESPONSIBLE FOR EROSION, DUST AND TEMFORARY DRAINAGE CONTROL DURING GRADING OPERATIONS.
  - A. ALL MANUFACTURED SLOPES IN EXCESS OF 5 FEET IN VERTICAL HEIGHT ARE TO BE PROTECTED FROM EROSION DURING ROUGH GRADING OPERATIONS AND, THEREAFTER, UNTIL INSTALLATION OF FINAL GROUNDCOVER. (SEE LANDSCAPE PLANS FOR FINAL GROUNDCOVER.)
  - B. ALL SLOPE PROTECTION SWALES TO BE CONSTRUCTED AT THE SAME TIME AS BANKS ARE GRADED.
  - C. THE DEVELOPER AND HIS CONTRACTOR ARE RESPONSIBLE FOR IMPLEMENTATION AND MAINTENANCE OF THE EROSION CONTROL MEASURES SHOWN ON THIS PLAN AND SWPPP AND ALSO TO PROVIDE ANY ADDITIONAL EROSION CONTROL MEASURES (e.g., HYDROSEEDING, MULCHING OF STRAW, SAND BAGGING, DIVERSION DITCHES, RETENTION BASINS, ETC.) DICTATED BY FIELD CONDITIONS TO PREVENT EROSION AND/OR THE INTRODUCTION OF DIRT, MUD OR DEBRIS TO EXISTING PUBLIC STREETS AND/OR ONTO ADJACENT PROPERTIES DURING ANY PHASE OF CONSTRUCTION OPERATIONS. SPECIAL ATTENTION SHALL BE GIVEN TO ADDITIONAL EROSION CONTROL MEASURES NOTED ABOVE DURING THE PERIOD OCTOBER 15 TO APRIL 15.
  - D. AFTER A RAINSTORM, ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK BERMS AND CHECK DAMS. SILT AND DEBRIS SHALL BE REMOVED FROM CITY OF RIVERSIDE STREETS. THIS REQUIREMENT SHALL REMAIN IN EFFECT UNTIL CITY ACCEPTANCE OF THE PROJECT THAT DRAINS ONTO CITY STREETS.
- 6. ANY ON—SITE RETAINING WALLS SHOWN ON THIS PLAN THAT ARE UNDER 3 FEET IN HEIGHT AND SUPPORT A SURCHARGE OR THAT ARE OVER 3 FEET IN HEIGHT REQUIRE SEPARATE REVIEW, APPROVAL AND A BUILDING PERMIT FROM THE BUILDING DIVISION, PLANNING DEPARTMENT. ANY NECESSARY RETAINING WALLS ON THE PERIMETER OF THIS SITE SHALL BE IN PLACE AND APPROVED BY THE BUILDING INSPECTOR PRIOR TO ISSUANCE OF THE GRADING PERMIT. APPROVED SEQUENCED GRADING WITH 1 1/2:1 MAXIMUM SLOPES TO WITHIN 2 FEET OF THE ADJACENT PROPERTY LINE MAY BE ACCEPTABLE TO ALLOW FOR ISSUANCE OF A GRADING PERMIT PRIOR TO COMPLETION OF ANY NECESSARY PERIMETER RETAINING WALLS.
- 7. ANY IMPROVEMENTS CONSTRUCTED IN THE PUBLIC RIGHT—OF—WAY WILL REQUIRE A SEPARATE CONSTRUCTION PERMIT AND INSPECTION FROM THE PUBLIC WORKS DEPARTMENT.
- 8. ANY WALLS, FENCES, STRUCTURES AND/OR APPURTENANCES ADJACENT TO THIS PROJECT ARE TO BE PROTECTED IN PLACE. IF GRADING OPERATIONS DAMAGE OR ADVERSELY AFFECT SAID ITEMS IN ANY WAY, THE CONTRACTOR AND/OR DEVELOPER IS RESPONSIBLE FOR WORKING OUT AN ACCEPTABLE SOLUTION TO THE SATISFACTION OF THE AFFECTED
- 9. THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR ENSURING THAT RETAINING WALLS DO NOT INTERFERE WITH PROVISION OF UTILITIES.
- 10. IT IS THE GRADING CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ADEQUATE COMPACTION HAS BEEN ATTAINED ON THE ENTIRE GRADING SITE, INCLUDING FILL AREAS OUTSIDE THE BUILDING PADS AND ON ALL FILL SLOPES.
- 11. IT IS THE SOIL ENGINEER'S RESPONSIBILITY TO OBSERVE AND PERFORM COMPACTION TESTS DURING THE GRADING TO EVALUATE THE PREPARATION OF THE NATURAL GRÖUND SURFACE TO RECEIVE THE FILL AND THE COMPACTION ATTAINED IN THE FILL, INCLUDING FILL AREAS OUTSIDE THE BUILDING PADS AND ON ALL FILL SLOPES.
- 12. EARTHWORK QUANTITIES ARE SHOWN HEREON FOR GRADING PERMIT PURPOSES ONLY, AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- 13. FOR GRADING OF AREAS OF 5 ACRES OR MORE, A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE KEPT ON—SITE AND MADE AVAILABLE UPON®REQUEST OF A REPRESENTATIVE OF THE REGIONAL WATER QUALITY CONTROL BOARD (RWQCB) - SANTA ANA REGION AND/OR THE CITY OF RIVERSIDE.

#### OWNER/DEVELOPER

COX-WEST PROPERTIES P.O. BOX 3617 RIVERSIDE, CA. 92519 (909) 360-2070

THIS TUNNEL IS FOR PRIVATE PURPOSES AND IS AUTHORIZED BY AN ENCROACHMENT PERMIT ISSUED BY THE PUBLIC WORKS DEPARTMENT. ALL MAINTENANCE EFFORTS NECESSARY TO USE THE TUNNEL ARE THE RESPONSIBILITY OF THE OPERATOR OF THE GOLF CENTER.

### SPECIAL NOTE:

OF RIVERSIDE

PUBLIC WORKS DIRECTOR)

THE CONTRACTOR MUST WORK CONTINUOUSLY (24-HOURS IS COMPLETED. HOWEVER, ALL DETOUR WORK SHALL BE

PER DAY) UNTIL ALL WORK NECESSITATING A TRAFFIC DETOUR COMPLETED IN FIVE (5) WORKING DAYS.

> VAN BUREN TUNNEL CROSSING VAN BUREN GOLF-CENTER MORRIS STREET 6720 VAN BUREN BLVD. CU - 008 - 878

R-3439

PROJECT NO.

SHEET FILE NO.

Underground Service Alert CALL BEFORE YOU DIG LL:TOLL FREE -800

CITY OF RIVERSIDE WATER SYSTEM

VOID ONE YEAR FROM THIS DATE

BENCHMARK NO. H3-A SET P.K. NAIL AND TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BOULEVARD AND ACORN STREET.

ELEVATION 743.621 The private engineer signing these plans is responsible for assuring the acuracy and acceptability of the design hereon. In the event

MARK & OMBER No. 39405

Crouse/Beers & Associates 1700 Hamner Avenue, Suite 104 Norco Ca. 91760 909-736-2040

PREPARED UNDER THE SUPERVISION OF: Robert M. Brees ROBERT M. BEERŚ R.C.E. 39405

DATE 8-12-96

DATE BY MARK EXP. DATE <u>12-31-97</u> DESIGNED BY S.T.P.

REVISIONS DRAWN BY S.T.F CHECKED BY R.M.B.

HORIZ. SCALE: 1'' = 40' VERT. SCALE:

INDEXED 11/14/96 4H

D1-96 26

9-18-96 74

RAFFIC DIVISION

STREET SERVICES ,

CHIEF P. W. ENGINEER 10-1-96 MA

PUBLIC WORKS DEPARTMENT

191/96 GUL APPROVED BY

160 LF

55 LF

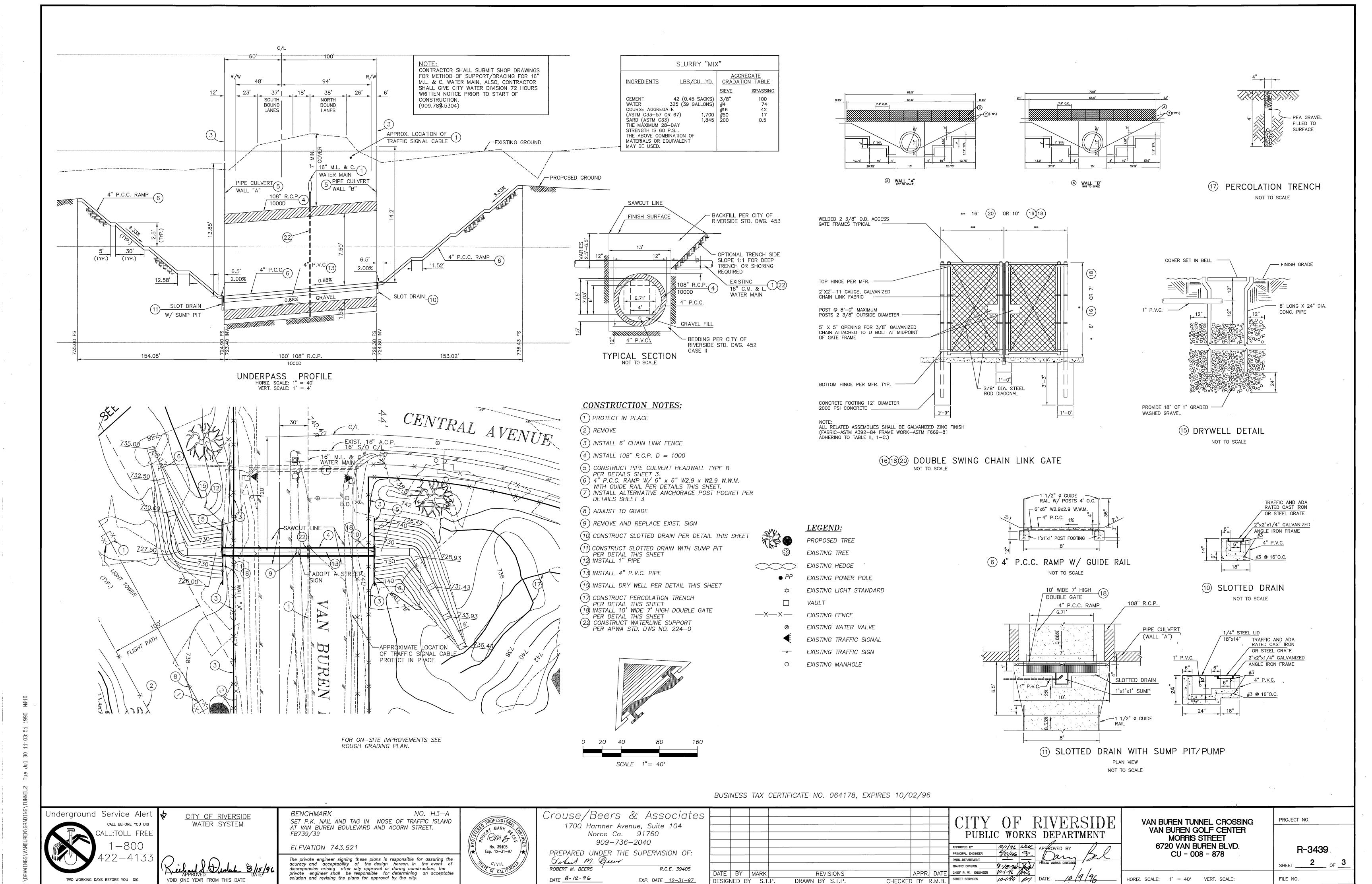
160 LF

2 EA

150 SF

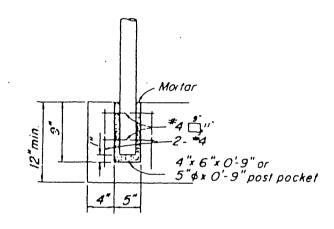
discrepancies arising after city approval or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.

FB739/39



INDEXED 11/14/96 4-11

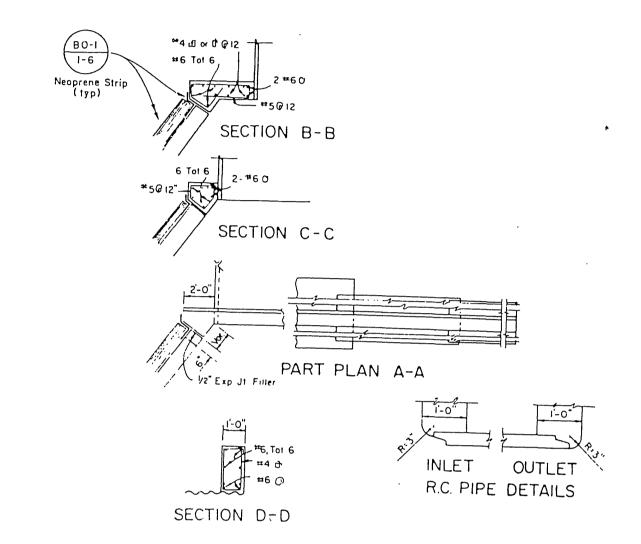
l/a" \* 12" neoprene strip along top & sides of shear key. Cement to abutment only.

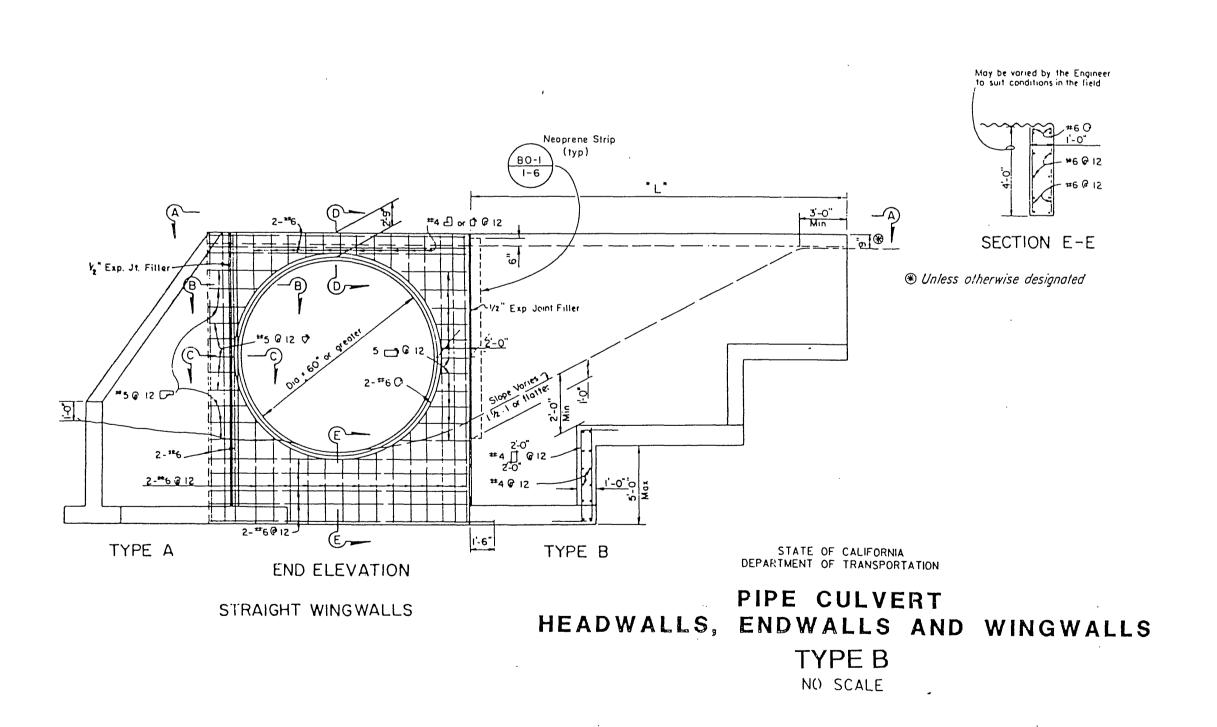


# ANCHORAGE DETAIL

## **CONSTRUCTION NOTES:**

- (1) PROTECT IN PLACE
- (2) REMOVE
- (3) INSTALL 6' CHAIN LINK FENCE
- (4) INSTALL 108" R.C.P.
- 5 CONSTRUCT PIPE CULVERT HEADWALL TYPE B
  PER DETAIL THIS SHEET
  6 4" P.C.C. RAMP W/ 6" x 6" W2.9 x W2.9 W.W.M.
  WITH GUIDE RAIL PER DETAIL SHEET 2
  7 INSTALL ANCHORAGE POST POCKET PER
  DETAIL THIS SHEET
- (9) REMOVE AND REPLACE EXIST. SIGN
- (10) CONSTRUCT SLOT DRAIN PER DETAIL SHEET 2
- (11) CONSTRUCT SUMP DRAIN PER DETAIL SHEET 2
- (12) INSTALL 1" P.V.C. PIPE
- (13) INSTALL 4" P.V.C. PIPE
- (14) INSTALL SCREEN FENCE
- (15) INSTALL DRY WELL PER DETAIL SHEET 2
- (17) CONSTRUCT PERCOLATION TRENCH PER DETAIL SHEET 2
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BUSINESS TAX CERTIFICATE NO. 064178, EXPIRES 10/02/96

Underground Service Alert CALL BEFORE YOU DIG CALL:TOLL FREE TWO WORKING DAYS BEFORE YOU DIG

CITY OF RIVERSIDE WATER SYSTEM

SET P.K. NAIL AND TAG IN NOSE OF TRAFFIC ISLAND AT VAN BUREN BOULEVARD AND ACORN STREET.

ELEVATION 743.621

The private engineer signing these plans is responsible for assuring the acuracy and acceptability of the design hereon. In the event of discrepancies arising after city approval or during construction, the private engineer shall be responsible for determining an acceptable solution and revising the plans for approval by the city.



Crouse/Beers & Associates 1700 Hamner Avenue, Suite 104 Norco Ca. 91760 909-736-2040

PREPARED UNDER THE SUPERVISION OF: ROBERT M. BEERS/ DATE 8-12-96 EXP. DATE <u>12-31-97</u>

OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY

PRINCIPAL ENGINEER

BARK\_DEPARTMENT
TRAFFIC DIVISION

CHIEF P. W. ENGINEER

10-1-94

DATE

DATE

DATE

DATE

10 9 96 REVISIONS APPR. DATE DESIGNED BY S.T.P. DRAWN BY S.T.P. CHECKED BY R.M.B.

VAN BUREN TUNNEL CROSSING VAN BUREN GOLF CENTER MORRIS STREET 6720 VAN BUREN BLVD. CU - 008 - 878

HORIZ. SCALE: 1" = 40' VERT. SCALE:

R-3439

PROJECT NO.

FILE NO.

INPEXED 11/14/96 LAH