

# STORM DRAIN IMPROVEMENT PLANS FOR THE DOO-MORR INDUSTRIAL PARK RIVERSIDE, CALIFORNIA

ADDRESS:

6655-75 DOOLITTLE AVENUE, RIVERSIDE, CALIFORNIA, 92503  
TENTATIVE PARCEL MAP NO. 32977

## GENERAL NOTES

- No person shall perform any construction activity or install any objects within the public right-of-way or easements of the City of Riverside without a valid Construction Permit or, a Street Opening Permit or an Encroachment Permit issued by the City's Public Works Department.
- It shall be the responsibility of the contractor to clear the right of way in accordance with the provisions of law as it affects each utility including irrigation lines and appurtenances and at no cost to the City.
- Construction shall be in accordance with the City of Riverside Department of Public Works, Standard Drawings, its Supplemental Notes and the Standard Specifications for Public Works Construction, current edition.
- 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 City.
- Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.
- The developer shall be responsible for preserving or reestablishing and referencing survey monuments destroyed, disturbed or buried as a result of construction shown hereon.
- All flagged elevations shall be staked in the field by the private engineer.
- 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.
- Existing street paving to be removed and replaced as required per City of Riverside Standard Drawing No. 453 and per noted pavement section on plans.
- Utilities to be cross by the proposed storm drain shall be located in the field prior to construction of the proposed storm drain.
- Catch basin shall be stenciled with the phrase "No Dumping - Only Rain in the Drain."

## BENCH MARK

BENCH MARK H3-H3, ELEVATION 740.967, 1970 ADJUSTED P.K. NAIL AND CITY ENGINEERING TAG IN THE NORTHWEST CORNER OF AN ELECTRIC VAULT AT THE SOUTHWEST CORNER OF VAN BUREN BLVD AND MORRIS STREET. BENCH MARK TRANSFER AS PART OF SIGNAL INSTALLATION DECEMBER 1999.

## BASIS OF BEARING

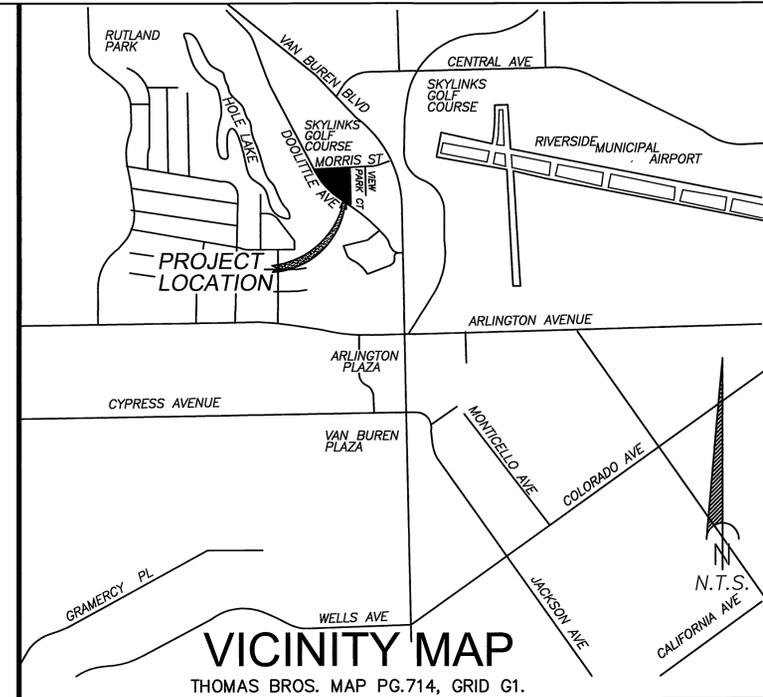
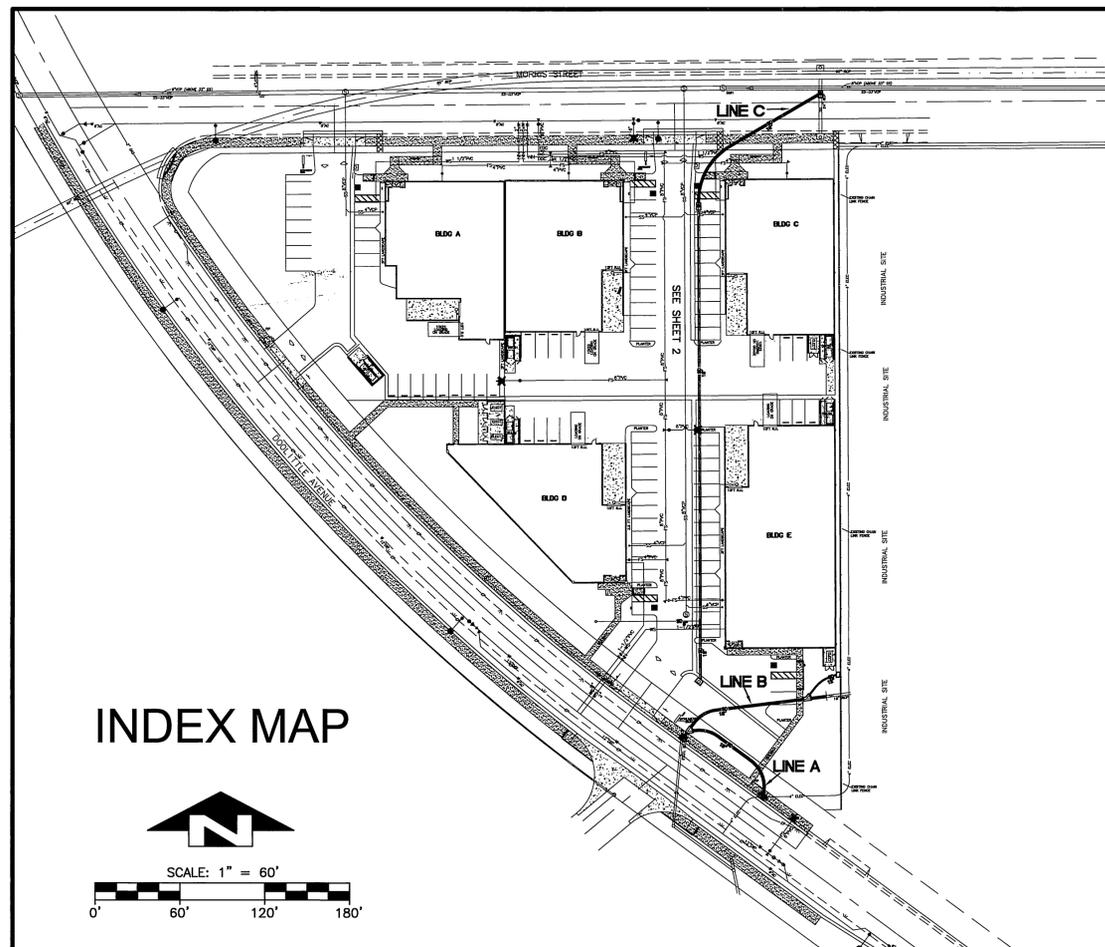
THE CENTERLINE OF MORRIS STREET BEING NORTH 89°35'24" EAST PER PERCEL MAP NO. 26355 AS SHOWN ON A MAP FILED IN BOOK 174, PAGES 66 THROUGH 69, INCLUSIVE, OF PARCEL MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

## CASE NUMBER

P03-1523 & RI-03-148-COLLEEN RIVER

## NOTICE TO CONTRACTORS

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



## ABBREVIATIONS

CB	CATCH BASIN
EX	EXISTING
FF	FINISHED FLOOR
FG	FINISHED GRADE
FL	FLOW LINE
FS	FINISHED SURFACE
FS	FIRE SERVICE
HP	HIGH POINT
INV	INVERT
LF	LINEAR FEET
LIP	LIP OF GUTTER
MAX	MAXIMUM
MIN	MINIMUM
P/L	PROPERTY LINE
PVC	POLYVINYL CHLORIDE
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
TC	TOP OF CURB
TYP	TYPICAL
W	DOMESTIC WATER
WM	WATER METER
WV	WATER VALVE

## LEGEND

	EXIST CURB AND GUTTER
	EXIST DRAINAGE DEVICE
	EXIST TREES, SHRUBS
	EXIST FIRE HYDRANT
	EXIST VALVE
	EXIST CONTOUR
	EXIST SIGN
	PROPOSED SPOT ELEVATION ADD 700 FEET
	PROPOSED CURB AND GUTTER
	PROPOSED CONC
	PROPOSED AC PAVEMENT

## CONSTRUCTION NOTES:

	QUANTITIES	UNIT
1	310	LF
2	2	EA
3	2	EA
4	1	EA
5	28	LF
6	2	EA

## DRAWING INDEX

SHEET	NUMBER
TITLE SHEET, INDEX MAP, DETAILS & QUANTITIES	1
STORM DRAIN LINE LINE A, LINE B & LINE C	2

RELATED PLANS  
R-3812 STREET IMPROVEMENTS  
S-1861 SEWER IMPROVEMENTS  
PW04-0321 GRADING PLAN

WDID# 8 33C328188

OWNER/DEVELOPER:  
BHARAT GALA  
5082 MISSION BLVD.  
ONTARIO, CALIFORNIA 91762  
(714) 926-0374  
(909) 590-5825 FAX

GEOTECHNICAL FIRM: COLEMAN GEOTECHNICAL  
9272 JERONIMO ROAD, SUITE 104  
IRVINE, CALIFORNIA 92618  
PH (949) 461-5260, FAX (949) 586-8040

JAMES R. COLEMAN GE 229 EXP. DATE 6-30-07

CONTRACTOR: TEMAK CONSTRUCTION  
9281 WOODCREST DRIVE  
HUNTINGTON BEACH, CA  
(714) 963-0097  
(714) 965-1785 FAX  
TERRY MACKPRANG

GEOLOGICAL FIRM: COLEMAN GEOTECHNICAL  
9272 JERONIMO ROAD, SUITE 104  
IRVINE, CALIFORNIA 92618  
PH (949) 461-5260, FAX (949) 586-8040

LEE A. SHOEMAKER CEG 1961 EXP. DATE 11-30-04

CITY OF RIVERSIDE BUSINESS TAX CERTIFICATE #116013 EXP. 5/7/05



MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 9/14/05  
PRINCIPAL ENGINEER

APPROVED BY: [Signature] DATE: 10/10/05  
CITY ENGINEER

STORM DRAIN IMPROVEMENT PLAN  
PW04-0596

DOO-MORR INDUSTRIAL PARK  
TITLE SHEET, INDEX MAP, DETAILS & QUANTITIES  
HORIZONTAL SCALE: AS NOTED VERTICAL SCALE: AS NOTED

D-762  
SHEET 1 OF 2

PREPARED BY:  
BV ENGINEERING  
CIVIL ENGINEERING  
LAND PLANNING  
LAND SURVEYING  
ONE CORPORATE PARK - STE. 101 IRVINE - CALIFORNIA 92606  
(949) 852-0517 FAX (949) 852-9582

ENGINEER IN RESPONSIBLE CHARGE  
[Signature]  
JOSEPH HARTGE  
R.C.E. No. 29242 expires 3/31/07  
DATE: 9-5-05

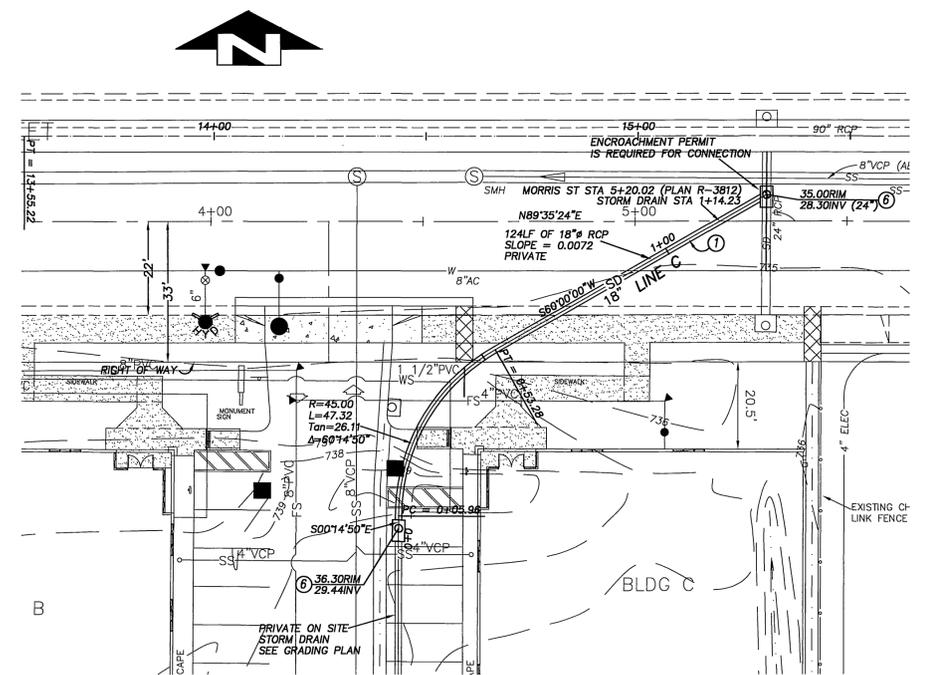
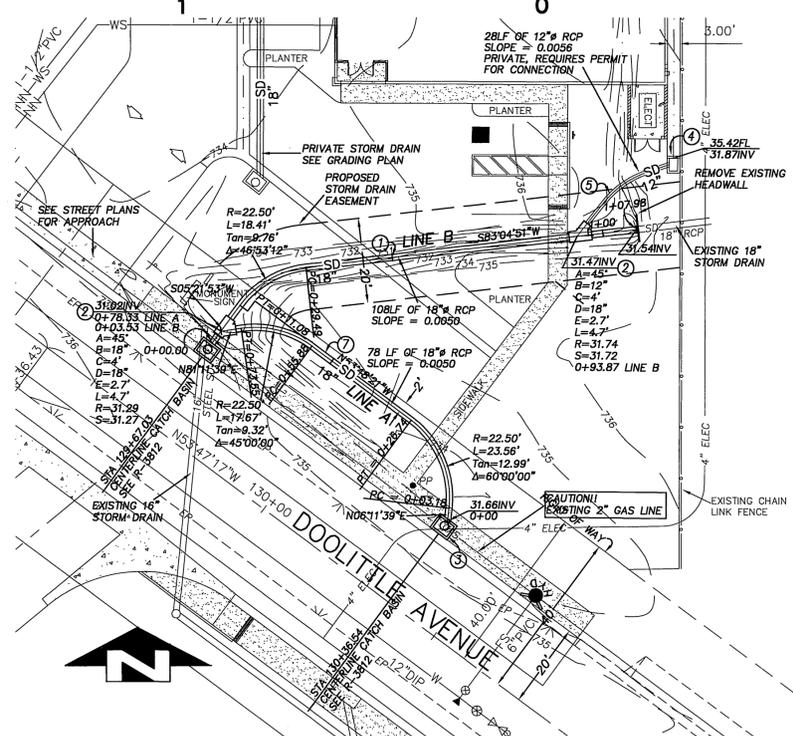
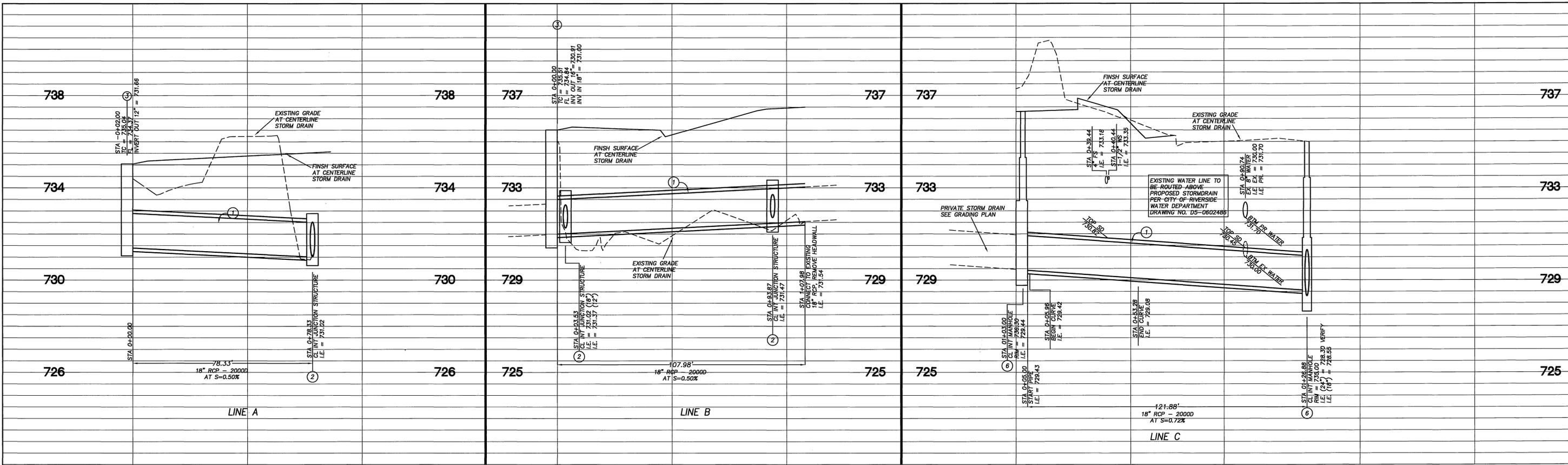
REGISTERED PROFESSIONAL ENGINEER  
JOSEPH HARTGE  
No. 29242  
Renew: 3-31-2007  
CIVIL  
STATE OF CALIFORNIA

CITY OF RIVERSIDE  
PUBLIC UTILITIES DEPARTMENT  
WATER DIVISION

[Signature]  
MW McLeod  
APPROVED BY: MM DATE: 9/14/05

DESIGNED BY LLC DRAWN BY LLC CHECKED BY JH

INDEXED 10-05-05 LFT



**BENCH MARK**  
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**IMPORTANT NOTICE**  
 Section 4216/4217 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert I.D. Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

- CONSTRUCTION NOTES:**
- INSTALL 18" RCP STORMDRAIN PER CITY OF RIVERSIDE STD. PLAN 452
  - INSTALL JUNCTION STRUCTURE PER CITY OF RIVERSIDE STD PLAN NO. 421
  - INSTALL CATCH BASIN AS PER CITY OF RIVERSIDE STD PLAN 405 (W=4'), WITH KRISTAR FOSSIL FILTER FGP-48C1 OR APPROVED EQUAL.
  - INSTALL CHRISTY U32 CATCH BASIN WITH KRISTAR FOSSIL FILTER FGP-2436F OR APPROVED EQUAL (PRIVATE)
  - INSTALL 12" RCP STORMDRAIN PER CITY OF RIVERSIDE STD. PLAN 452 (PRIVATE)
  - INSTALL MANHOLE PER CITY OF RIVERSIDE STD. PLAN NO. 431

SCALE: 1" = 20'  
 0' 20' 40' 60'

WDID# 8 33C328188

PREPARED BY:  
**BV ENGINEERING**  
 CIVIL ENGINEERING  
 LAND PLANNING  
 LAND SURVEYING  
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ENGINEER IN RESPONSIBLE CHARGE  
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CITY OF RIVERSIDE  
 PUBLIC UTILITIES DEPARTMENT  
 WATER DIVISION  
 APPROVED BY: MM  
 DATE: 9/14/05

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA  
 PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature]  
 CITY ENGINEER  
 DATE: 10/3/05

STORM DRAIN IMPROVEMENT PLAN  
**DOO-MORR INDUSTRIAL PARK**  
 STORM DRAIN LINE A, LINE B & LINE C  
 HORIZONTAL SCALE: 1"=20' VERTICAL SCALE: 1"=2'

PW04-0596  
 D-762  
 SHEET 2 OF 2

INDEXED 10-05-05 Lff