STREET 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

1. No person shall perform any construction activity or install any objects within the public rights-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.

2. 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.

3. 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.

4. 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.

5. Quantities shown are for information only and the City of Riverside is not responsible for their accuracy.

6. 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.

7. All flagged elevations shall be staked in the field by the private engineer.

8. Where new pavement is to join the existing pavement, the edge of the existing pavement shall be trimmed in a smooth and straight line. Construct match-up paving as shown on the plans and overlay paving as directed in the field to produce a smooth section.

9. Construct driveway approaches per Standard Drawing 302. Exact size and location to be staked by the Private Engineer prior to construction of the curb and gutter.

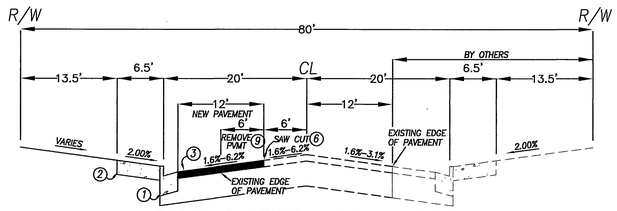
10. The subdivider shall arrange for a soil test to be made by a soils engineer after the streets have been prepared to rough grade and prior to curb and gutter construction. Depth of base material and A.C. paving shall be determined by the City of Riverside design standards and test procedures. (For Tracts only – see check list item 25 for other plans.)

11. All overhanging tree limbs that are less than 14' above the street grade shall be trimmed back.

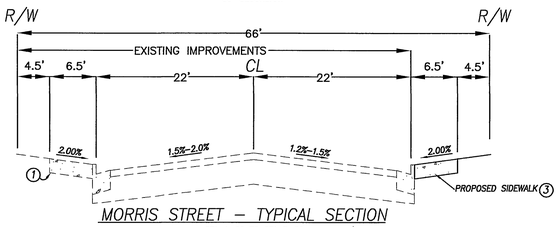
12. On all areas within public right of way where the fill is one (1) foot or greater, a letter will be required from the soils engineer, certifying the compaction of the fill below subgrade, prior to issuance of the Construction Permit/Cut Sheets.

13. Final striping for traffic control and/or pavement marking to be the responsibility of the developer.

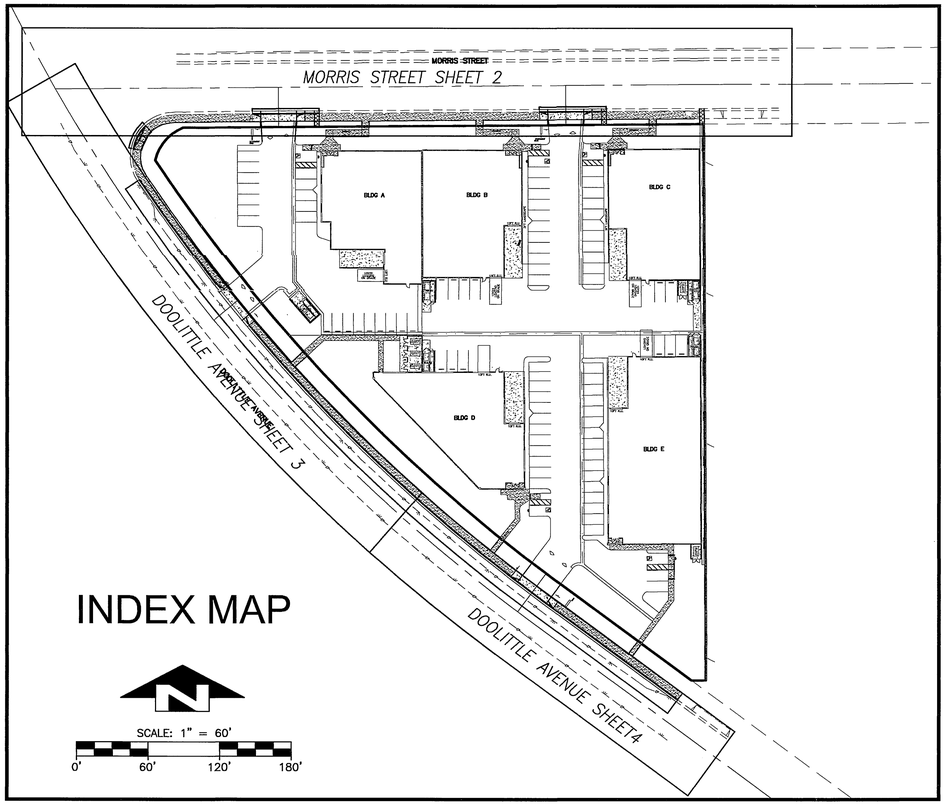
14. The contractor shall call in a location request to Underground Service Alert (USA), Phone # 1-800-227-2600, two working days before digging. No construction permit will be issued by the Public Works Department involving excavation for underground facilities unless the applicant has been provided an inquiry identification number by U.S.A.



DOOLITTLE AVENUE – TYPICAL SECTION
STA 124+00 TO STA 130+77.40
NTS – T.I. = 8.0
80' SECONDARY

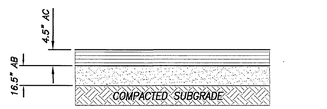


MORRIS STREET – TYPICAL SECTION
STA 1+00 TO STA 5+50
NTS – T.I. = 8.0
66' INDUSTRIAL COLLECTOR



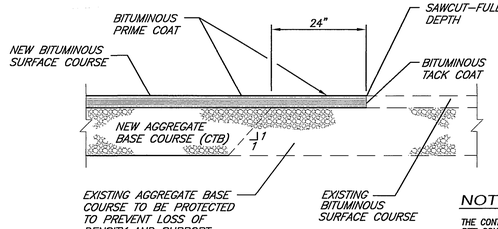
INDEX MAP

SCALE: 1" = 60'
0' 60' 120' 180'

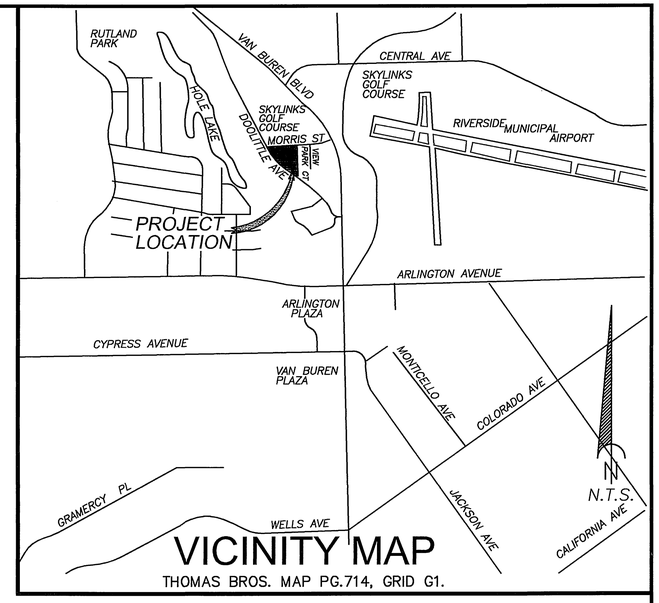


LOCATION	R-VALUE	TRAFFIC INDEX	ASPHALT CONCRETE (INCHES)	AGGREGATE BASE (INCHES)
DOOLITTLE AVE.	11	8.0	4.5	16.5

3 TYPICAL AC PAVEMENT SECTION
NOT TO SCALE



6 AC PAVEMENT JOIN
NOT TO SCALE



VICINITY MAP

THOMAS BROS. MAP PG.714, GRID G1.

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
- 29 EXIST CONTOUR
- EXIST SIGN
- 25.00TC / 24.50FL PROPOSED SPOT ELEVATION ADD 700 FEET
- PROPOSED CURB AND GUTTER
- PROPOSED CONC
- PROPOSED AC PAVEMENT

CONSTRUCTION NOTES:

		QUANTITIES	UNIT
1	CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STANDARD PLAN NO. 200	1170	LF
2	CONSTRUCT 4" PCC SIDEWALK PER CITY OF RIVERSIDE STD. PLAN NO. 325	7043	SF
3	CONSTRUCT 4.5" AC PVMT OVER 16.5" AGG BASE PER DETAIL THIS SHEET	7867	SF
4	CONSTRUCT HANDICAP CURB RAMP (TYPE II) PER CITY OF RIVERSIDE STANDARD PLAN NO. 304	1	EA
5	CONSTRUCT DRIVEWAY APPROACH TYPE CURB 1 PER CITY OF RIVERSIDE STANDARD PLAN NO. 302	4	EA
6	SAW CUT AND ASPHALT PAVEMENT JOIN PER DETAIL SHEET 1	854	LF
7	REMOVE EXISTING CURB AND GUTTER	141	LF
8	CONSTRUCT UNDER SIDEWALK DRAIN PER A.P.W.A. STANDARD PLAN NO. 151-1	3	EA
9	REMOVE EXISTING ASPHALT PAVEMENT	4330	SF
10	CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. PLAN 405, WITH KRISTAR FOSSIL FILLTER, FGP-48CI OR APPROVED EQUAL	2	EA

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.

DRAWING INDEX

SHEET	NUMBER
TITLE SHEET, INDEX MAP, DETAILS & QUANITIES	1
MORRIS STREET	2
DOOLITTLE AVENUE (STA 123+00 – 128+00)	3
DOOLITTLE AVENUE (STA 128+00 – 131+00)	4

WDID# 8 33C328188

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

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

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

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

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

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

BASIS OF BEARING

THE CENTERLINE OF MORRIS STREET BEING NORTH 89°35'24" EAST PER PERCEL MAP NO. 28355 AS SHOWN ON A MAP FILED IN BOOK 174, PAGES 66 THOUGH 69, INCLUSIVE, OF PARCEL MAPS, RECORDS OF RIVERSIDE COUNTY, CALIFORNIA.

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.

RELATED PLANS

D-762	STORM DRAIN IMPROVEMENTS
S-1861	SEWER IMPROVEMENTS
PW04-0321	GRADING PLAN

IMPORTANT NOTICE
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48 HOURS BEFORE YOU DIG
UNDERGROUND SERVICE ALERT
1-800-227-2600

PREPARED BY:
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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
JOSEPH HARTGE
R.C.E. No. 29242 expires 3/31/07
DATE 11-5-04

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

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LLC DRAWN BY LLC CHECKED BY JH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	DH	12/2/04
STREET SERVICES	RG	12/1/04
TRAFFIC DIVISION		12/22/04

APPROVED BY
CITY ENGINEER
DATE 12/23/04

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

PW04-0594
R-3812
SHEET 1 OF 4

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INDEXED 3-23-05 GH

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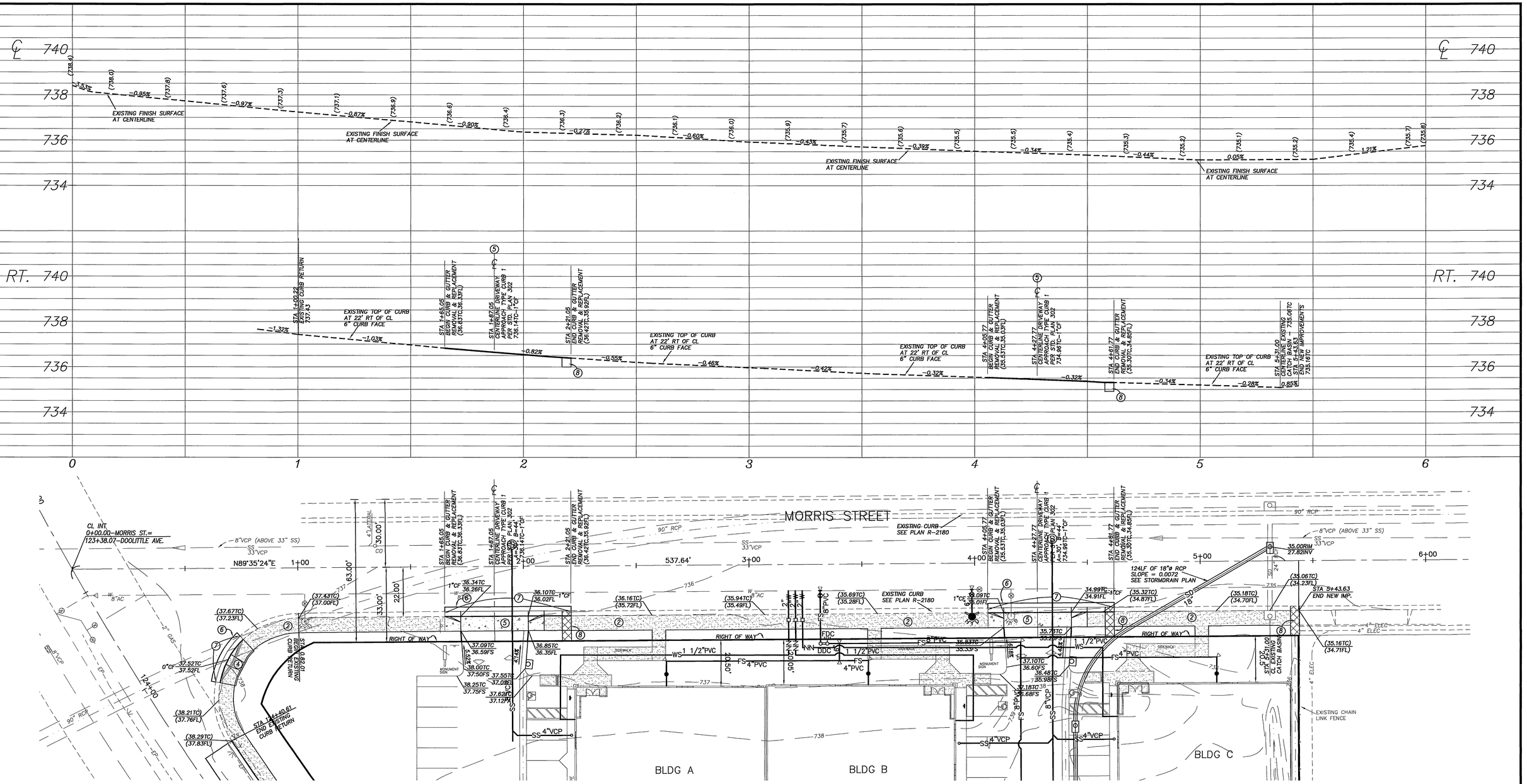

MORRIS STREET

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

CONSTRUCTION NOTES:

1. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STANDARD PLAN NO. 200
2. CONSTRUCT 4" PCC SIDEWALK PER CITY OF RIVERSIDE STD. PLAN NO. 325
3. CONSTRUCT 4.5" AC PVMT OVER 16.5" AGG BASE PER DETAIL THIS SHEET 1
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9. REMOVE EXISTING ASPHALT PAVEMENT
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WDID# 8 33C328188

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

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DESIGNED BY LLC DRAWN BY LLC CHECKED BY JM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	9/23/04
STREET SERVICES	KCJ	12/21/04
TRAFFIC DIVISION		12/22/04

APPROVED BY
CITY ENGINEER
DATE 12/23/04

BVZ

DOO-MORR INDUSTRIAL PARK

TITLE SHEET, INDEX MAP, DETAILS & QUANTITIES

HORIZONTAL SCALE: 1"=20' VERTICAL SCALE: 1"=2'

PW04-0594
R-3812
SHEET 2 OF 4

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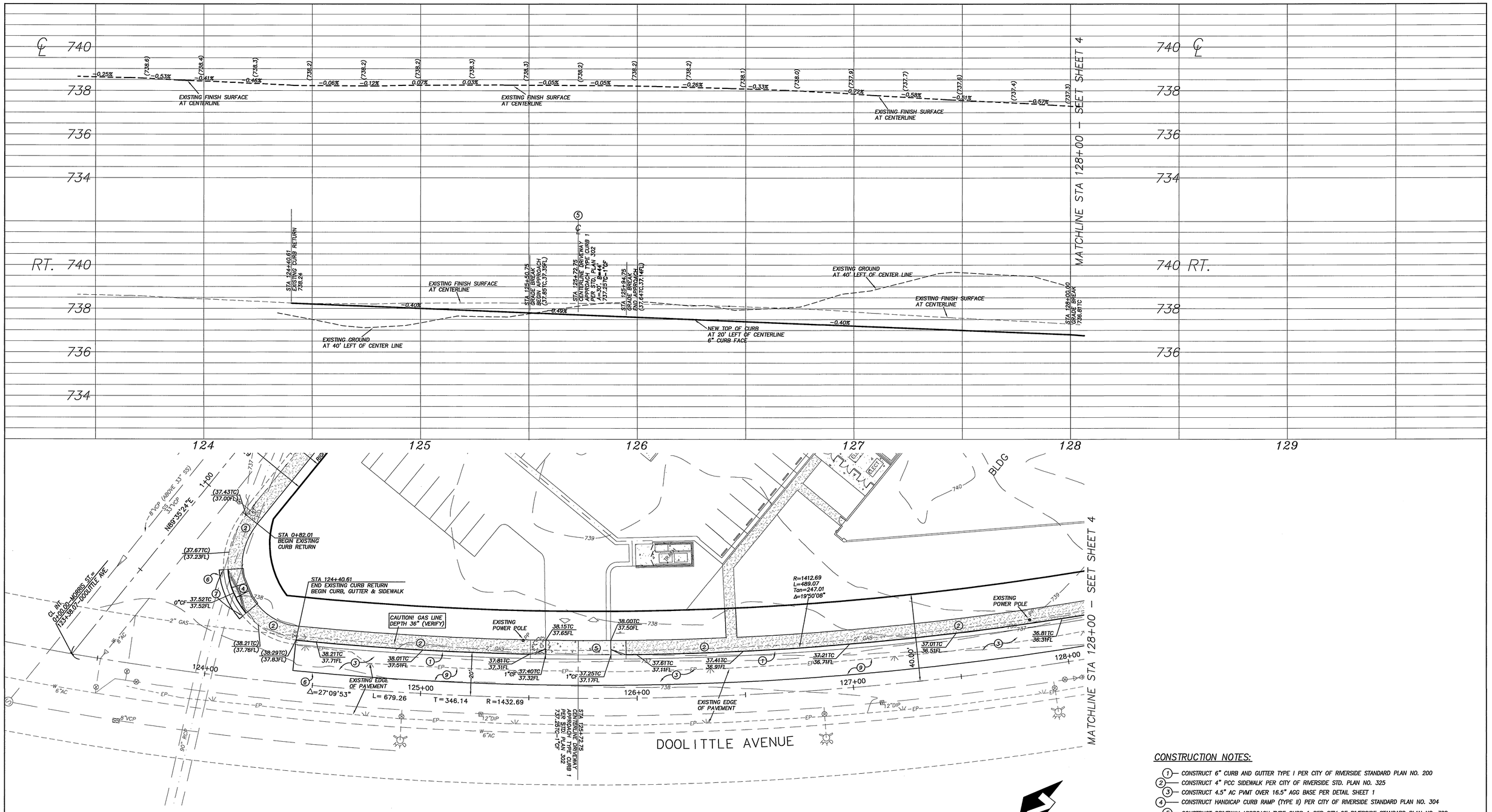

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SCALE: 1" = 20'
0' 20' 40' 60'

DOOLITTLE AVENUE

WDID# 8 33C328188

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

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JOSEPH HARTGE
R.C.E. No. 29242 expires 3/31/07
DATE 11-5-04

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

MARK	REVISIONS	APPR.	DATE

DESIGNED BY LLC DRAWN BY LLC CHECKED BY JH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	11/30/04
STREET SERVICES	RBJ	12/21/04
TRAFFIC DIVISION	JD	12/22/04

APPROVED BY
CITY ENGINEER
DATE 12/23/04

DOO-MORR INDUSTRIAL PARK

TITLE SHEET, INDEX MAP, DETAILS & QUANTITIES

HORIZONTAL SCALE: 1"=20' VERTICAL SCALE: 1"=2'

PW04-0594
R-3812
SHEET 3 OF 4

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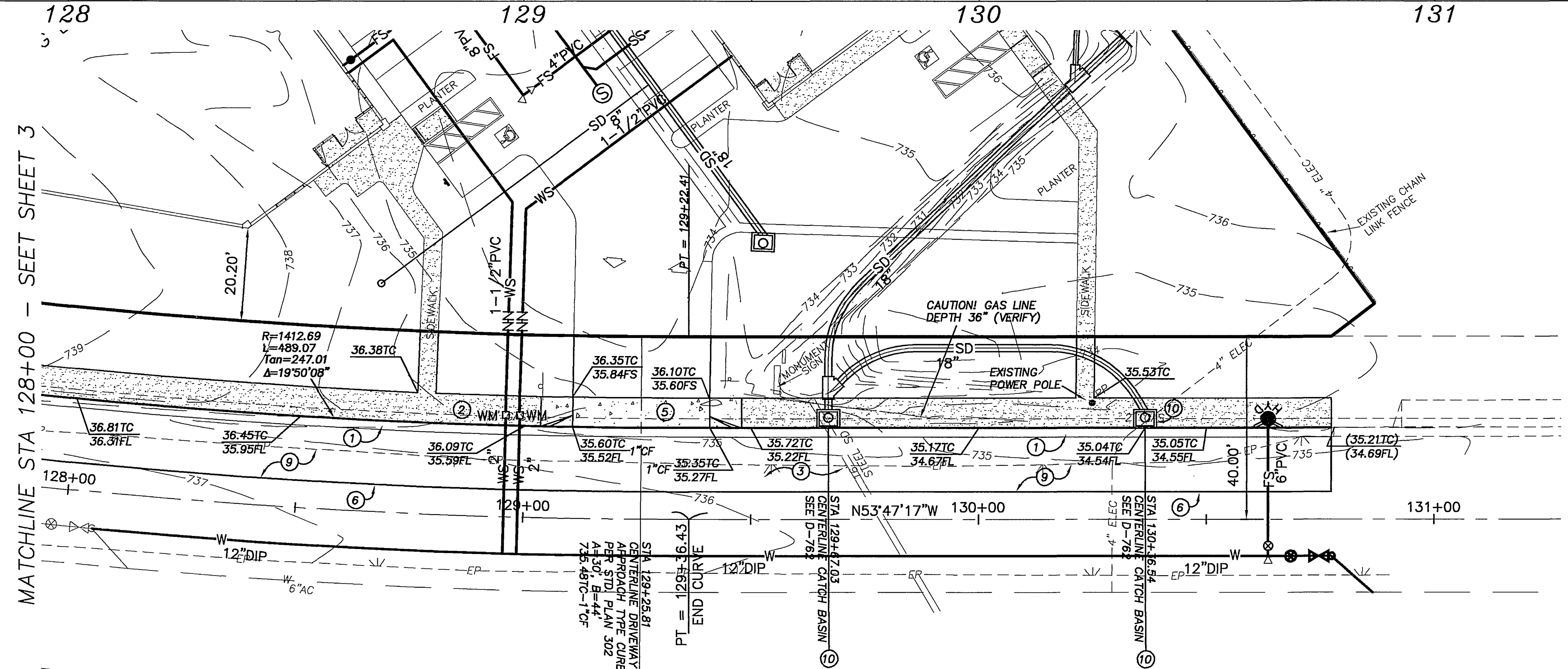
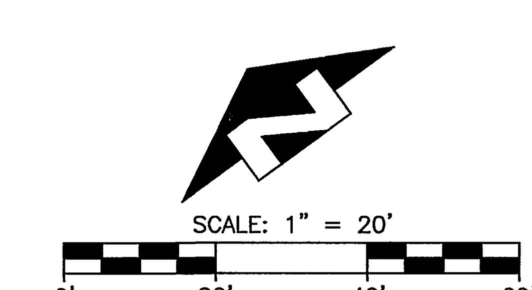


DOOLITTLE AVENUE



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DESIGNED BY LLC DRAWN BY LLC CHECKED BY JH

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
PRINCIPAL ENGINEER	PH	12/22/04
STREET SERVICES	ICG	12/21/04
TRAFFIC DIVISION		12/22/04

APPROVED BY
CITY ENGINEER
DATE 12/28/04

DOO-MORR INDUSTRIAL PARK

TITLE SHEET, INDEX MAP, DETAILS & QUANTITIES
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PW04-0594
R-3812
SHEET 4 OF 4

INDEXED 3-23-05 LFH

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