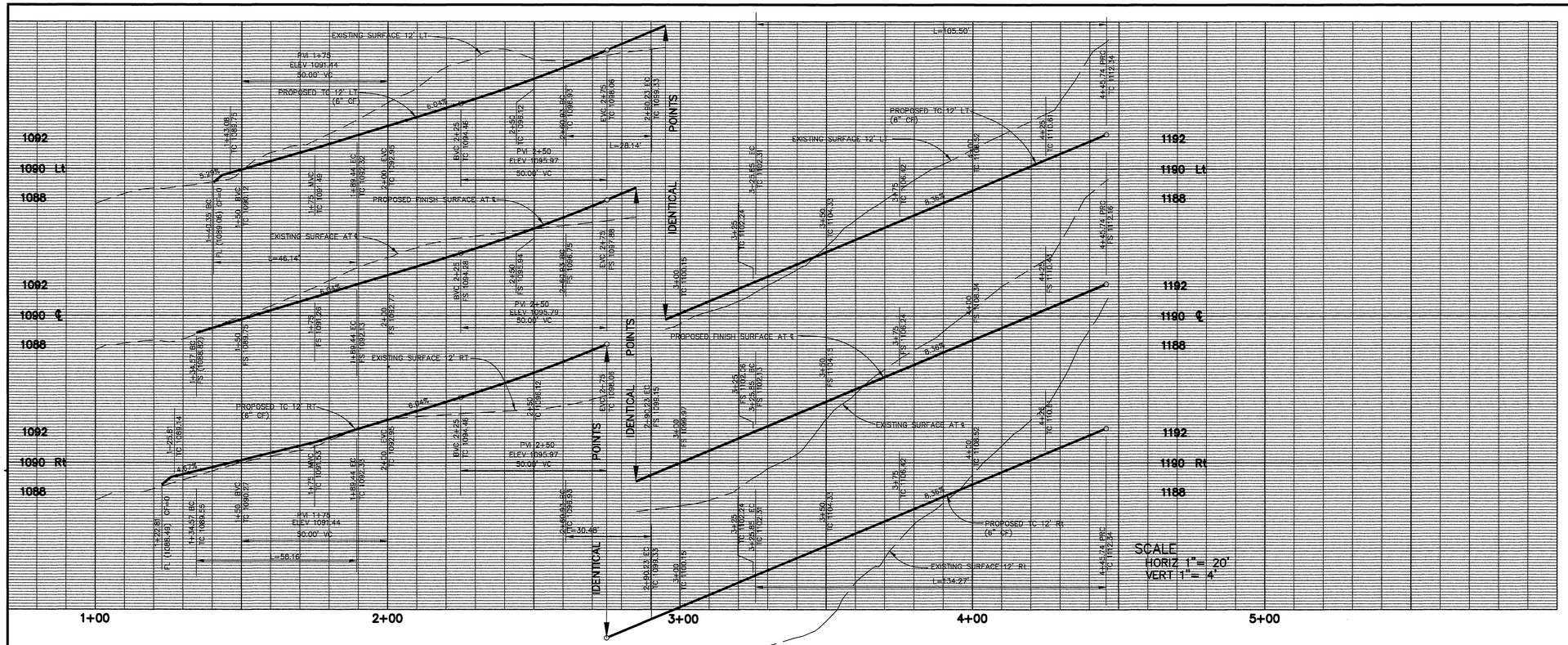
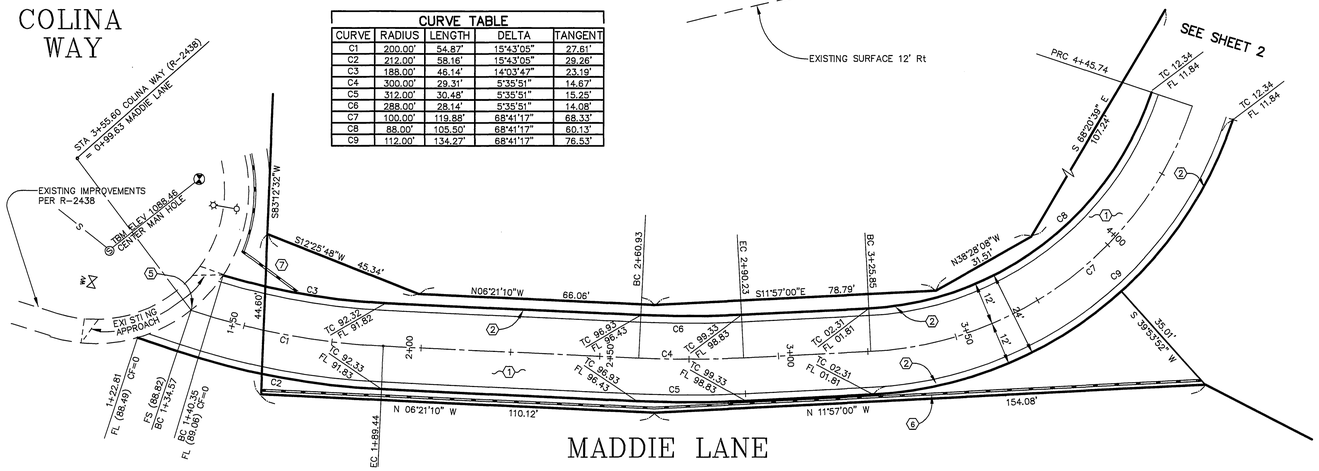




CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	200.00'	54.87'	15°43'05"	27.61'
C2	212.00'	58.16'	15°43'05"	29.26'
C3	188.00'	46.14'	14°03'47"	23.19'
C4	300.00'	29.31'	5°35'51"	14.67'
C5	312.00'	30.48'	5°35'51"	15.25'
C6	288.00'	28.14'	5°35'51"	14.08'
C7	100.00'	119.88'	68°41'17"	68.33'
C8	88.00'	105.50'	68°41'17"	60.13'
C9	112.00'	134.27'	68°41'17"	76.53'

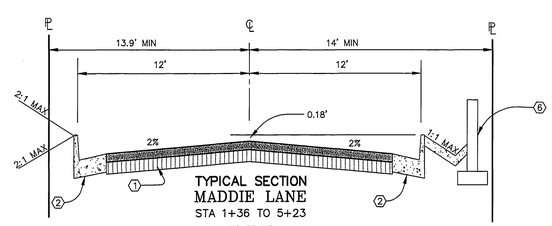
ESTIMATE OF QUANTITIES

A.C. PAVING	400	TONS
AGGREGATE BASE	570	TONS
6" CURB AND GUTTER	1110	L.F.
6" CURB	1560	L.F.
DRIVEWAY APPROACH	450	S.F.
CATCH BASINS	2	EA
STREET LIGHT	3	EA

NOTATIONS:

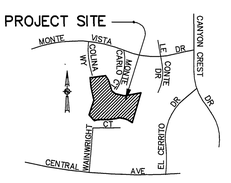
FS	FINISH SURFACE
EG	EXISTING GROUND
TC	TOP OF CURB
FL	FLOW LINE

N
W E
S
SCALE 1"= 20'



TYPICAL SECTION
MADDIE LANE
STA 1+36 TO 5+23
NO SCALE
T.I. = 4.5

GRAPHIC SCALE
20 0 10 20 40 80
(IN FEET)
1 inch = 20 ft.



VICINITY MAP
NO SCALE

LEGEND

- SANITARY SEWER MANHOLE
- EXISTING SEWER LINE
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING STREET LIGHT

CONSTRUCTION NOTES

1. CONSTRUCT 3" A.C. OVER 4" CLASS 2 BASE PER S.R. 1661, "R" VALUE = 78
2. CONSTRUCT 6" CURB AND GUTTER,TYPE I, PER CITY STD DWG NO. 200
3. CONSTRUCT 6" CURB,TYPE II, PER CITY STD DWG NO. 200
4. CONSTRUCT DRIVEWAY APPROACH , A = 20, B=27, PER CITY STD DWG NO. 302
5. JOIN EXISTING APPROACH
6. CONSTRUCT 6' WALL AND CONCRETE DRAINAGE SWALE PER GRADING PLAN
7. REMOVE EXISTING WALL

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. 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 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 CURB AND GUTTER.

10. THE SUBDIVIDER SHALL ARRANGE FOR A SOIL TEST TO BE MADE BY SOIL 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.

11. 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.

12. 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 INSPECTORS.

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.

15. THE CONTRACTOR SHALL COORDINATE TRENCHING FOR CABLE TELEVISION WITH OTHER TRENCHING WITHIN THE SUBDIVISION.

ENGINEER'S NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN ON THESE DRAWINGS. THE CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE DRAWINGS.

THE CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OR CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS 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 THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR THE ENGINEER.

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

Underground Service Alert
CALL BEFORE YOU DIG
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

BENCH MARK: H8 - J3

PK NAIL AND CITY ENGINEER TAG IN CATCH BASIN AT NELY CURB RETURN AT CANYON CREST DRIVE AND EL CERRITO DRIVE

ELEV: 1088.23

REGISTERED PROFESSIONAL ENGINEER
WARREN D. TUTTLE
NO. 30171
EXP MAR 31, 2006
CIVIL
STATE OF CALIFORNIA

TUTTLE ENGINEERING
Civil Engineering Surveying Land Planning Improvement Design
800 E. LUGONIA AVE., SUITE K TEL (909) 798-6785
REDLANDS, CA 92374 FAX (909) 798-1343
TUTENG@THEGRID.NET

Warren D Tuttle 10-20-05
WARREN D. TUTTLE DATE
RCE 30171 EXP 3-31-06 BUS LIC 27319 EXP 6-11-05

MARK	REVISIONS	APPR.	DATE

DESIGNED BY WDT DRAWN BY JC CHECKED BY WDT

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	DATE	BY	
APPROVED BY			APPROVED BY
PRINCIPAL ENGINEER	11/1/05	RM	
PARK DEPARTMENT	—	—	CITY ENGINEER
TRAFFIC DIVISION	11/31/05	RC	DATE 11/2/05

RJR

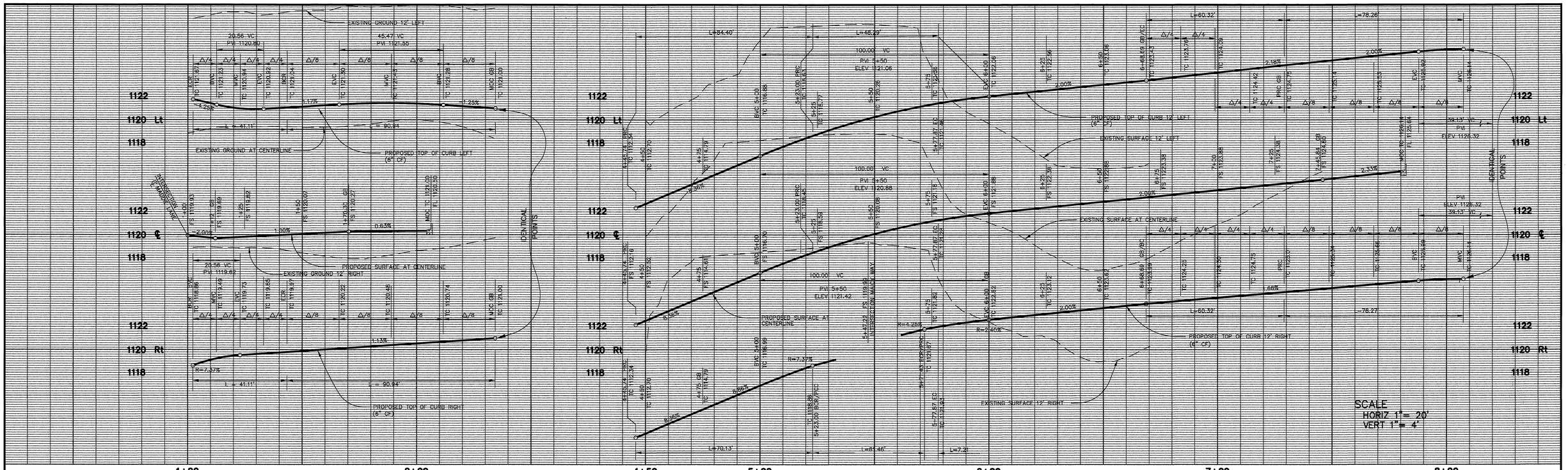
PW04-0162

STREET IMPROVEMENT PLAN
TRACT NO, 31584
MADDIE LANE 1+22.81 TO 4+45.74
(PRIVATE STREET)

HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 4'

R-3783-A
SHEET 1 OF 2

INDEXED 11-03-05 GH



GRAPHIC SCALE

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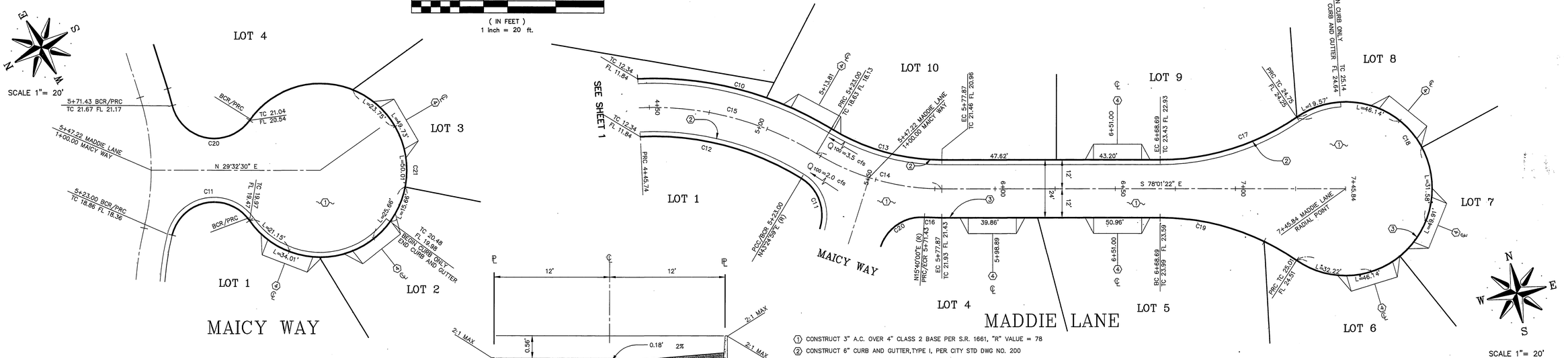
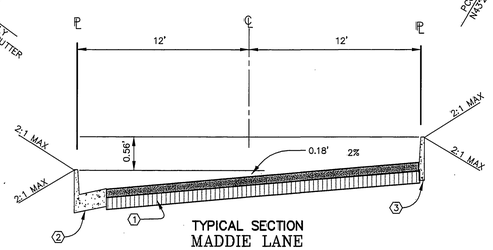
(IN FEET)
1 inch = 20 ft.

SCALE
HORIZ 1"= 20'
VERT 1"= 4'





TYPICAL SECTION
MADDIE LANE
STA 5+77.87 TO 6+68.69
NO SCALE

T.I. = 4.5

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C10	142.00'	84.40'	34°03'16"	43.49'
C11	18.00'	41.11'	130°51'51"	39.37'
C12	118.00'	70.13'	34°03'16"	36.14'
C13	88.00'	48.29'	31°26'21"	24.77'
C14	100.00'	54.87'	31°26'21"	28.15'
C15	130.00'	77.27'	34°03'16"	39.81'
C16	112.00'	7.21'	3°41'22"	3.61'
C17	100.00'	60.32'	34°33'37"	31.15'
C18	36.00'	156.53'	249°07'14"	
C19	100.00'	60.32'	34°33'37"	31.11'
C20	18.00'	41.11'	130°51'51"	39.37'
C21	36.00'	181.88'	289°28'41"	

NOTATIONS:

FS	FINISH SURFACE
EG	EXISTING GROUND
TC	TOP OF CURB
FL	FLOW LINE
TD	TOP OF DIKE
GB	GRADE BREAK

① CONSTRUCT 3" A.C. OVER 4" CLASS 2 BASE PER S.R. 1661, "R" VALUE = 78
② CONSTRUCT 6" CURB AND GUTTER,TYPE I, PER CITY STD DWG NO. 200
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CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

	DATE	BY
APPROVED BY		
PRINCIPAL ENGINEER	11/2/05	RR
PARK DEPARTMENT		
TRAFFIC DIVISION	11/1/05	RC

APPROVED BY
CITY ENGINEER
DATE 11/2/05

STREET IMPROVEMENT PLAN
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MADDIE LANE 4+45.74 TO 7+45.84
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HORIZ. SCALE: 1"= 20' VERT. SCALE: 1"= 4'

PW04-0162
R-3783-A
SHEET 2 OF 2

\\Warren_pc\C\Land Projects 3\03-04\dwg\Roads\Road 2.dwg 10/20/2005 08:40:23 AM PDT

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