STREET IMPROVEMENT PLANS
FOR
AUTOBAHN COURT. AND ADAMS STREET
AT
BMW / LANDROVER SITE

CONSTRUCTION NOTES AND QUANTITY ESTIMATES

NO.	DESCRIPTION	QUANTITY TOTAL	UNIT
2 1	CONSTRUCT 5 " A.C. PAVEMENT OVER 6½ " A.B. CLASS II PER CITY OF RIVERSIDE STDS. AND SOIL ENGINEER'S RECOMMENDATIONS.	5,341	S.F.
2 2	CONSTRUCT 5 " A.C. PAVEMENT OVER — " A.B. CLASS II PER CITY OF RIVERSIDE STDS. AND SOIL ENGINEER'S RECOMMENDATIONS. NATIVE	11,548	S.F.
3	CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.	824	L.F.
4	CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220.	1054	S.F.
5	CONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. NO. 302. SEE PLAN FOR WIDTH.	~~1052~~ 361 1	S.F.
6	CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304.	2	EA.
2 7	CONSTRUCT CONCRETE SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325 (WIDTH PER PLAN). INCLUDING WHEELCHAIR RAMPS.	~~4981~~ 5678 1	S.F.
8	CONSTRUCT VARIABLE THICKNESS A.C. PAVEMENT OVERLAY.	LUMP SUM	S.F.
9	SAWCUT & REMOVE EXISTING A.C. BERM AND PAVEMENT.	1,501	S.F.
10	CONSTRUCT TYPE I ASPHALT CONCRETE BERM PER CITY OF RIVERSIDE STD. NO. 250.	62	L.F.
2 11	PAINT STOP BAR AND "STOP" PER CITY OF RIVERSIDE STDS. (BY OTHERS)	1	EA.
2 12	RELOCATE EXISTING FIRE HYDRANT. (BY OTHERS)	1	EA.
13	REMOVE EXISTING 18" C.M.P. AND INLET.	26	L.F.
2 14	INSTALL R1 (STOP SIGN) AND ST. NAME SIGNS. LOCATION AND INSTALLATION PER CITY OF RIVERSIDE STDS. 662A AND 666. (BY OTHERS)	R1 – 1 ST. NAME – 1	EA. EA.
20	CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405	2 2 1	EA.
21	INSTALL 18" R.C.P. CLASS IV (2000–D)	13	L.F.
22	CONSTRUCT JUNCTION STRUCTURE C PER CITY OF RIVERSIDE STD. DWG. NO. 422	1	EA.

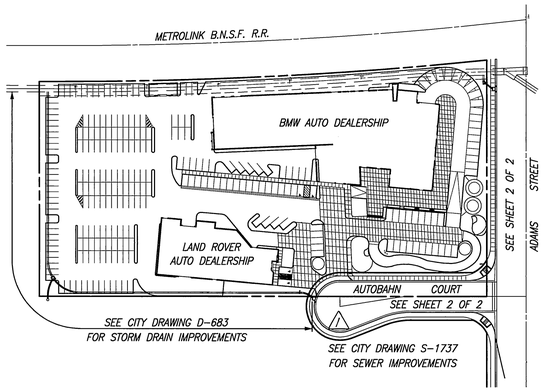
NOTICE TO CONTRACTOR

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITIES AND/OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT THOSE SHOWN ON THIS PLAN. THE CONTRACTOR IS REQUIRED TO TAKE ALL PRECAUTIONARY MEASURES TO PROTECT THE UTILITIES SHOWN, AND ANY OTHER LINES OR STRUCTURES NOT SHOWN ON THESE PLAN. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF AND ANY DAMAGE TO THESE LINES OR STRUCTURES.

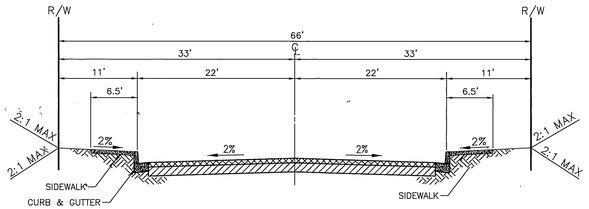
THE CONTRACTOR SHALL EXCAVATE INSPECTION HOLES (POT HOLES) AND DETERMINE THE LOCATION AND DEPTH OF ALL UNDERGROUND STRUCTURES AND UTILITIES THAT ARE BEING JOINED WITH NEW IMPROVEMENTS, ARE IN THE VICINITY OF, OR THAT MAY BE AFFECTED BY THE PROPOSED IMPROVEMENT WORK PRIOR TO THE START OF ANY CONSTRICTION WORK WHICH COULD DAMAGE OR CONFLICT WITH SAID STRUCTURES OR UTILITIES.

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

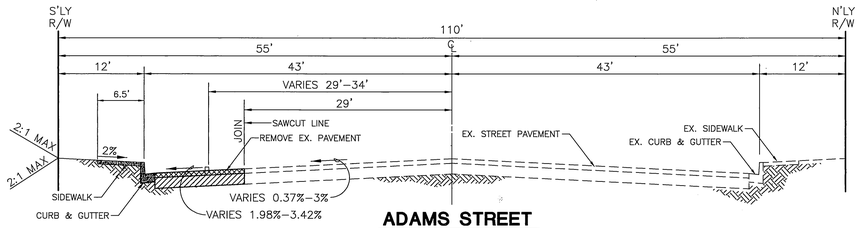
CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THESE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.



INDEX MAP
SCALE: 1"=100'



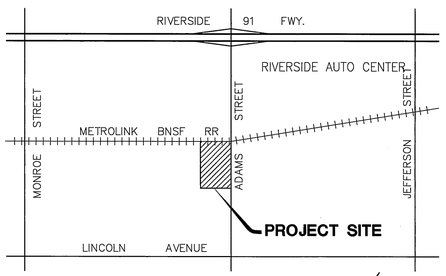
AUTOBAHN COURT
TYPICAL SECTION
T.I. = 6



ADAMS STREET
TYPICAL SECTION
STA. 9+54.58 TO STA. 13+41.51
T.I. = 9

GENERAL NOTES

1. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OF 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 THES PLANS IS RESPONSIBLE FOR ASSURING THE ACCURANCY 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 AND/OR CONTRACTOR SHALL CONTACT THE PUBLIC WORKS DEPARTMENT 30 DAYS PRIOR TO BEGINNING CONSTRUCTION TO NEGOTIATE THE COST OF THE CITY'S PORTION OF THE WORK.
7. THE DEVELOPER SHALLBE RESPONSIBLE FOR PRESERVING OF RE–ESTABLISHING AND REFERENCING SURVERY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
8. SEE "STREET LIGHTING PLANS" FOR QUANTITY AND LOCATION OF REQUIRED STREET LIGHTS.
9. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
10. WHERE NEW PAVEMENT IS TO JOIN THE EXISTING PAVEMENT, THE EDGE OF THE EXISTING PAVEMENTSHALL BE TRIMMED IN A SMOOTH AND STRAIGHT LINE. CONSTRUCT MATCH–UP PAVING AS SHOWN ON THE PLANS AND OVERLAY PAVINTG AS DIRECTED IN THE FIELD TO PRODUCE A SMOOTH SECTION.
11. 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.
12. 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.
13. ON ALL AREAS WITHIN PUBLIC RIGHT OF WAY WHERE THE FILL IS ONE (1) FOOT OR GREATER, A LETTER WILL BE REQUIRED FORM THE SOILS ENGINEER, CERTIFYING THE COMPACTION FO THE FILL BELOW SUBGRADE, PRIOR TO ISSUANCE OF THE CONSTRUCTION PERMIT/CUT SHEETS.
14. ALL TRAFFIC SIGNS SHALL BE INSTALLED PRIOR TO OPENING THE STREETS TO TRAFFIC.
15. 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.
16. FINAL STRIPING FOR TRAFFIC CONTROL AND/OR PAVEMENT MARKING TO BE THE RESPONSIBILITY OF THE DEVELOPER.
17. 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.



VICINITY MAP
NO SCALE
T.B.M. PG. 715, C–5

BENCHMARK

CITY OF RIVERSIDE POINT NO. GPS–64.
A 2.5" BRASS DISK STAMPED "CITY OF RIVERSIDE GPS STATION 64–1991 CADME" SET IN THE TOP OF A CATCH BASIN ALONG THE EASTERLY CURB OF ADAMS STREET AT THE SOUTHEASTERLY CORNER OF ADAMS STREET AND LINCOLN AVENUE.

ELEV. = 876.680 (NGVD29 DATUM)

BASIS OF BEARING

THE CENTERLINE BEARING OF ADAMS STREET BEING N 33°59'33" W IS THE BASIS OF ALL BEARINGS SHOWN ON THESE PLANS.

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1–800
227–2600
TWO WORKING DAYS BEFORE YOU DIG

REGISTERED PROFESSIONAL ENGINEER — STEVEN L. RAY — 35334 — 9-30-03 — CIVIL — STATE OF CALIFORNIA

PREPARED UNDER THE SUPERVISION OF:

STEVEN L. RAY — R.C.E. 35334 EXP. 9/30/03 — 8-11-00 DATE

RHA Engineering, Inc.
7177 BROCKTON AVENUE ● SUITE 220
RIVERSIDE, CA 92506
(909) 683–8088 FAX (909) 683–6915

MARK	REVISIONS	APPR	DATE
2	REVISED CONST. NOTES & QUANTITY EST. TABLE	SR	9/26/2000
1	ADDED DRIVEWAY FOR INFINITI DEALERSHIP	SR	10/2/2000
	REVISED CONSTR. QUANITY NOTES (5) & (7)		

DESIGNED BY: T.H. DRAWN BY: S.R. CHECKED BY: T.H.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:	APPROVED BY:
DEPUTY P.W. DIRECTOR	TJR	9/27/00	
PRINCIPAL ENGINEER	SR	9/27/00	R. McGrath
STREET SERVICES	TM	9/27/00	PUBLIC WORKS DIRECTOR
SURVEYOR			
TRAFFIC DIVISION	JS	9/27/00	
PARKS DEPARTMENT			DATE 9-7-2000

BMW CENTER
STREET PLAN
TITLE SHEET

HORIZ. SCALE: AS SHOWN VERT. SCALE: N/A

ACCOUNT No. –
R-3589
SHEET 1 OF 2
FILE NO. 202-0102

INDEXED 6-20-2001 YH

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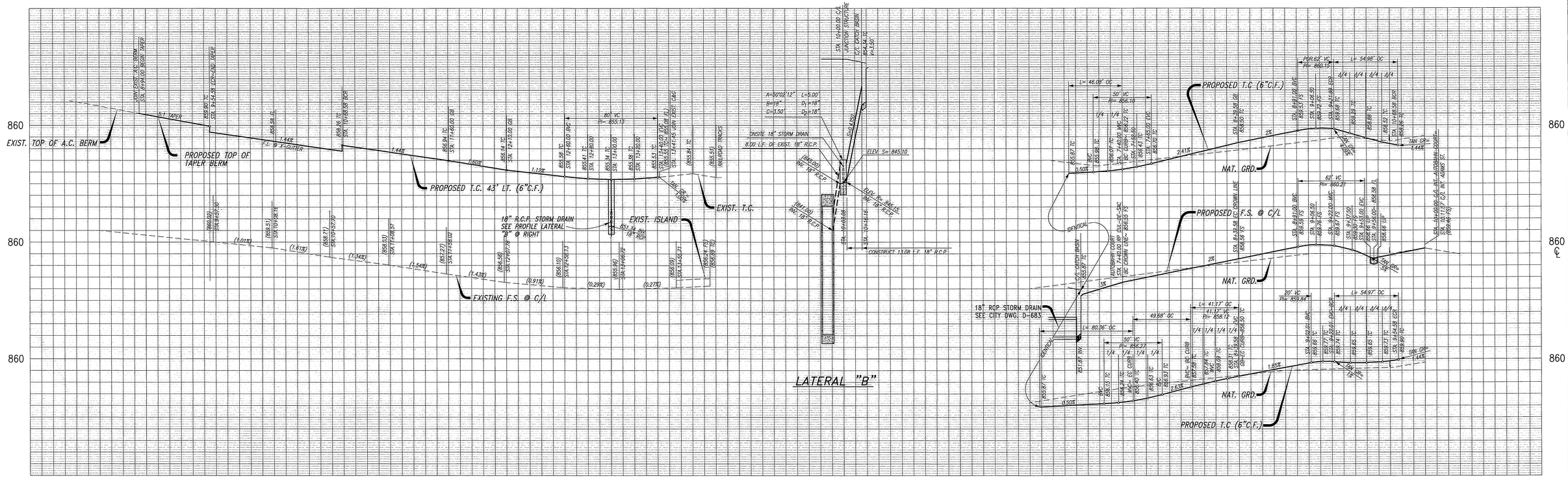

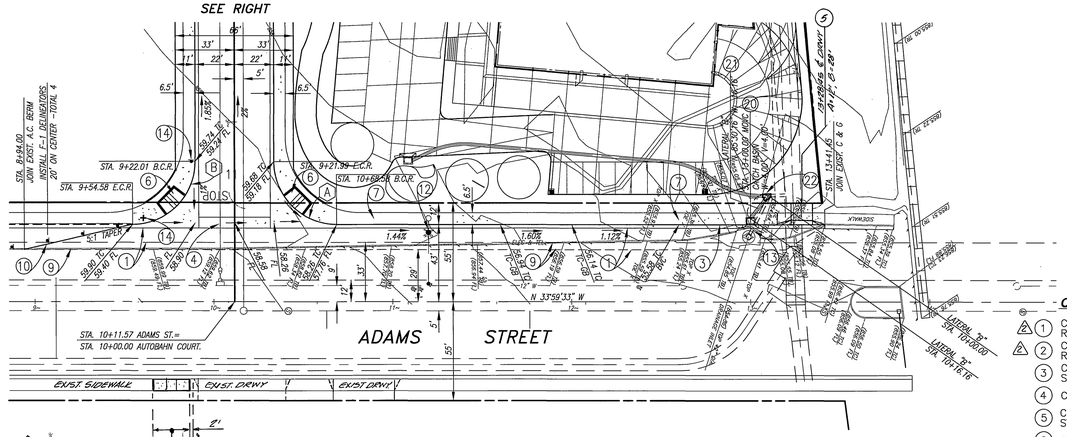

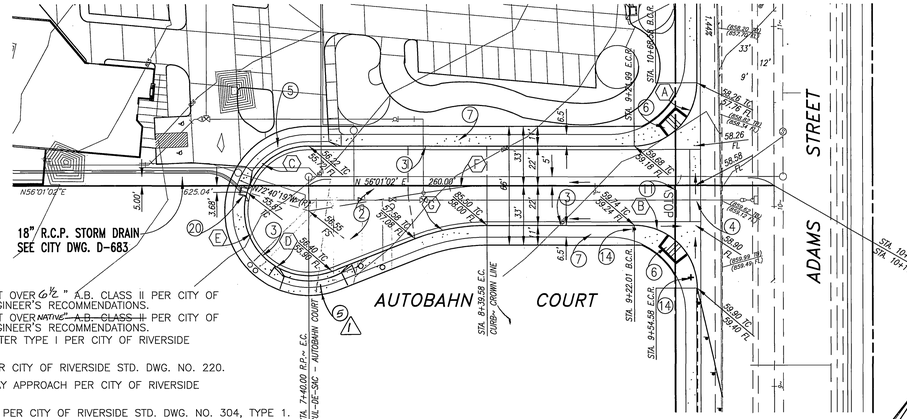

CURVE DATA				
NO.	DELTA	RADIUS	LENGTH	TANGENT
(A)	90°00'35"	35.00'	54.98'	35.01'
(B)	89°59'25"	35.00'	54.97'	34.99'
(C)	73°20'43"	36.00'	46.08'	26.81'
(D)	127°54'12"	36.00'	80.36'	73.65'
(E)	201°14'55"	36.00'	126.45'	191.91'
(F)	08°55'08"	133.00'	20.70'	10.37'
(G)	21°14'55"	111.00'	41.17'	20.82'

CONSTRUCTION NOTES

1. CONSTRUCT 5 " A.C. PAVEMENT OVER 6½ " A.B. CLASS II PER CITY OF RIVERSIDE STDS. AND SOIL ENGINEER'S RECOMMENDATIONS.
2. CONSTRUCT 5 " A.C. PAVEMENT OVER ~~NATIVE~~ A.B. CLASS II PER CITY OF RIVERSIDE STDS. AND SOIL ENGINEER'S RECOMMENDATIONS.
3. CONSTRUCT 6" CURB AND GUTTER TYPE I PER CITY OF RIVERSIDE STD. DWG. NO. 200.
4. CONSTRUCT CROSS GUTTER PER CITY OF RIVERSIDE STD. DWG. NO. 220.
5. CONSTRUCT CONCRETE DRIVEWAY APPROACH PER CITY OF RIVERSIDE STD. NO. 302, TYPE CURB I.
6. CONSTRUCT WHEELCHAIR RAMP PER CITY OF RIVERSIDE STD. DWG. NO. 304, TYPE 1.
7. CONSTRUCT CONCRETE SIDEWALK PER CITY OF RIVERSIDE STD. DWG. NO. 325 (WIDTH PER PLAN). INCLUDING WHEELCHAIR RAMPS.
8. CONSTRUCT VARIABLE THICKNESS A.C. PAVEMENT OVERLAY.
9. SAWCUT & REMOVE EXISTING A.C. BERM AND PAVEMENT.
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11. PAINT STOP BAR AND "STOP" PER CITY OF RIVERSIDE STDS. (BY OTHERS)
12. RELOCATE EXISTING FIRE HYDRANT. (BY OTHERS)
13. REMOVE EXISTING 18" C.M.P. AND INLET.
14. INSTALL R1 (STOP SIGN) AND STREET NAME SIGNS. LOCATION AND INSTALLATION PER CITY OF RIVERSIDE STDS 662A AND 666. (BY OTHERS)
20. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405.
21. INSTALL 18" R.C.P. CLASS IV, 2000-D
22. CONSTRUCT JUNCTION STRUCTURE C PER CITY OF RIVERSIDE STD. DWG. NO. 422.

* STREET NAME BLOCK NUMBERS: AUTOBAHN COURT = 8300 BLOCK
ADAMS STREET = 3000 BLOCK

SCALE: 1" = 40'

UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

PREPARED UNDER THE SUPERVISION OF:

STEVEN L. RAY R.C.E. 35334 EXP. 9/30/03 — DATE 8-11-00

REGISTERED PROFESSIONAL ENGINEER — STEVEN L. RAY — 35334 — 9-30-03 — CIVIL — STATE OF CALIFORNIA

RHA
Engineering, Inc.
7177 BROCKTON AVENUE ● SUITE 220
RIVERSIDE, CA 92506
(909) 683-8088 FAX (909) 683-6915

MARK	REVISIONS	APPR	DATE
1	REVISED CONST. NOTES	RR	10/16/2000
2	ADDED DRIVEWAY FOR INFINITE DEALERSHIP	RR	9/6/2000

DESIGNED BY: T.H. DRAWN BY: S.R. CHECKED BY: T.H.

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY:	BY:	DATE:
DEPUTY P.W. DIRECTOR		9/7/00
PRINCIPAL ENGINEER		9/7/00
STREET SERVICES		9/7/00
SURVEYOR		9/6/00
TRAFFIC DIVISION		9/5/00
PARKS DEPARTMENT		

APPROVED BY: R. McGrath
PUBLIC WORKS DIRECTOR
DATE 9-7-2000

BMW CENTER
ADAMS STREET AND AUTOBAHN COURT PLAN AND PROFILE

HORIZ. SCALE: 1"=40' VERT. SCALE: 1"=4'

ACCOUNT No. –
R-3589
SHEET 2 OF 2
FILE NO. 202-0102

INDEXED 6-20-2001 TH

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