SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY. UNLESS MODIFICATIONS ARE NOTED ON THE PLAN OR COVER SHEET, ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- 405 M — CATCH BASIN TO HAVE ADDITIONAL OPENING ON MEDIAN SIDE TO PROVIDE FOR MEDIAN DRAINAGE.
- 411 M — CONSTRUCT 2 UNDER S/W DRAINS SIDE BY SIDE WITH A COMMON CENTER WALL AND WITH THE FOLLOWING MODIFICATIONS: EACH OPENING AT CURB FACE IS 9" x 21", CURB FACES ADJACENT TO OPENINGS SHALL TRANSITION FROM 9" TO 6" IN 2.5'.
- 427 M — CONSTRUCT JUNCTION STRUCTURE C PER STD. DWG. 422, JOIN 24" C.M.P. TO 18" R.C.P. AND THERE IS PIPE JOINING THE SIDE OF THE STRUCTURE.
- 1 — CONSTRUCT 3.5" THICK CONCRETE SWALED APRON.(CAST MONOLITHICALLY WITH THE CATCH BASIN WALL)
- 2 — CONSTRUCT 5' RADIUS A.C. APRON, 3" THICK, CENTERED ON INLET.
- 3 — CONSTRUCT 5' x 10' A.C. APRON, 3" THICK BEHIND 411.

GENERAL CONSTRUCTION NOTES

1. EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM UTILITY RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS ><> INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
2. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD.
3. EACH PRIME CONTRACTOR BIDDING THIS WORK SHALL HAVE A CLASS "A" LICENSE.
4. BEVELED END R.C.P. SHALL BE USED TO CONSTRUCT CURVED PORTIONS OF STORM DRAIN LINE.
5. RIM ELEVATIONS FOR MANHOLES ARE APPROXIMATE. MANHOLE IS TO BE ADJUSTED TO GRADE AFTER FINAL PAVING.

LATERAL 'D'

HYDRAULIC DATA
Q_{100}=2.2 CFS
V =15.0 FPS

INSTALL 7 L.F. OF 18" R.C.P. – (D–1600) BEDDING–STD 452, CASE I

INSTALL 41 L.F. OF 27" R.C.P. – (D–1500) BEDDING–STD 452 CASE I

INSTALL 39 L.F. OF 27" R.C.P. – (D–1500) BEDDING–STD 452, CASE I

INSTALL 15 L.F. OF 27" R.C.P. – (D–1500) BEDDING–STD 452, CASE I

LATERAL 'C'

HYDRAULIC DATA
Q_{100}=34.9 CFS
V =8.8 FPS

INSTALL 11 L.F. OF 24" R.C.P. – (D–800) BEDDING–STD 452, CASE I

LATERAL 'E'

INSTALL 81 L.F. OF 18" R.C.P. – (D–1600) BEDDING–STD 452, CASE I

LATERAL 'B'

INSTALL 10 L.F. OF 36" R.C.P. – (D–1250) BEDDING–STD 452, CASE I

LATERAL 'A'

EXISTING HEADWALL & PORTION OF EXISTING 36" R.C.P. TO REMAIN

EXISTING SURFACE @ CENTERLINE S.D.

PROPOSED SURFACE @ CENTERLINE S.D.

INSTALL 243 L.F. OF 24" R.C.P. (D–850) BEDDING – STD 452, CASE I

INSTALL 39 L.F. OF 24" R.C.P. (D–1500) BEDDING–STD 452, CASE I

LATERAL 'F'

PROPOSED SURFACE @ CENTERLINE S.D.

EXISTING SURFACE @ CENTERLINE S.D.

EXIST. 42" VCP SEWER PROTECT IN PLACE

INSTALL 4 L.F. OF 18" R.C.P. – (D–1000) BEDDING–STD 452, CASE I

INSTALL 38 L.F. OF 18" R.C.P. – (D–1200) BEDDING–STD 452, CASE I

EX. 24" C.M.P. (S=0.0181)

INSTALL 73 L.F. OF 18" RCP (D–1200) BEDDING–STD 452, CASE I

LATERAL 'G'

INSTALL 59 L.F. OF 18" RCP (D–900)–CASE I BEDDING

INSTALL 205 L.F. OF 36" R.C.P. (D–900) BEDDING – STD 452, CASE I

INSTALL 186 L.F. OF 30" R.C.P. (D–800) BEDDING – STD 452, CASE I

INSTALL 165 L.F. OF 36" R.C.P. (D–900) BEDDING – STD 452, CASE I

INSTALL 117 L.F. OF 36" R.C.P.–(D–1250) BEDDING–STD 452, CASE I

INSTALL 21 LF OF 36" R.C.P. (D–1400) BEDDING–STD 432, CASE I

TO FACILITATE CONSTRUCTION OF THE STORM DRAIN IN PHASES (PHASE I "UPSTREAM OF M.H. #2, PHASE II "DOWNSTREAM OF M.H. #2). IF NECESSARY, CONSTRUCT A DITCH AS ROUGHLY SHOWN TO ACCOMODATE INTERIM DRAINAGE. RESTORE ORIGINAL CONTOURS AFTER COMPLETION OF THE STORM DRAIN.

SYCAMORE CANYON BLVD. REALIGNMENT (TO BE VACATED)

215 FREEWAY ON RAMP

RACEWAY FORD

24" R.C.P. PRIVATE DRAIN (TO BE CONSTRUCTED BY PROPERTY OWNER)

24" R.C.P. STUB 4' LONG @ 2% 412

24" PRIVATE S.D. TO BE BUILT BY OTHERS

PROP. CONSTUCTION TRAILER LOCATION

CONTRACTOR SHALL RELOCATE STORAGE BLDG'S. AS DIRECTED BY THE PROPERTY OWNER.

20' STORM DRAIN EASEMENT

PROPOSED GAS

PROPOSED 12" WATER SEE PLAN W–95–D5–3581

SYCAMORE CANYON CT.

SYCAMORE CANYON BLVD.

FAIR ISLE DRIVE

FUTURE D/W

25+70.81 SYCAMORE CANYON BLVD =10+00 SYCAMORE CANYON COURT

SEE PLAN R–3396 FOR STREET IMPROVEMENTS

SECTION A–A WINDOW DETAIL

SCALE: 1"=2'

24" WIDE INLET OPENING

3.5" THICK STAMPED CONCRETE

3.5" THICK STAMPED CONCRETE PER R–3396L

CATCH BASIN DETAIL

SCALE 1"=10'

CURVE DATA

	DELTA	RADIUS	LENGTH	TANGENT
1	45°49'12"	29.70'	23.75'	12.55'
2	91°24'59"	45'	71.80'	46.13'
3	4.3°51'29"	45'	34.45'	18.12'
4	6°44'37"	838'	98.63'	49.37'
5	91°34'52"	22.5'	35.96'	23.13'

BENCHMARK:

P.K. NAIL & TIN, 350' SOUTH OF NORTHWEST PROPERTY CORNER, I–21 EAST OF W'LY E.P. PER ADKAN ENG. FIELD BOOK. (RACEWAY FORD 5900 BOX SPRINGS BLVD)

ELEV. – 1512.73

ENGINEER IN RESPONSIBLE CHARGE

MICHAEL KATUSIAN
R.C.E. No. 36686 expires 6/30/96

DATE: 11/1/95

REGISTERED PROFESSIONAL ENGINEER MICHAEL KATUSIAN No. 36686 Exp. 6–30–96 CIVIL STATE OF CALIFORNIA

MARK	REVISIONS	APPR.	DATE
1	REVISED PLAN TO APPROVED G.P. FOR COM. LOTS	MK	4/9/96

DESIGNED BY CJRT DRAWN BY CJRT CHECKED BY KARL

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE
DEPUTY P.W. DIRECTOR	[illegible]	11/1/96
PRINCIPAL ENGINEER	[illegible]	11/1/96
CHIEF P.W. INSPECTOR	[illegible]	11/1/96
STREET SERVICES	[illegible]	11/1/96
SURVEYOR	[illegible]	11/1/96

APPROVED BY [illegible] PUBLIC WORKS DIRECTOR

DATE 11/1/96

SYCAMORE CANYON BLVD. REALIGNMENT

FAIR ISLE DR. TO 1700' S'LY

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

ACCT. NO. 453–570400–455010

D–637

SHEET 1 OF 1

INDEXED 2/5/96 GH