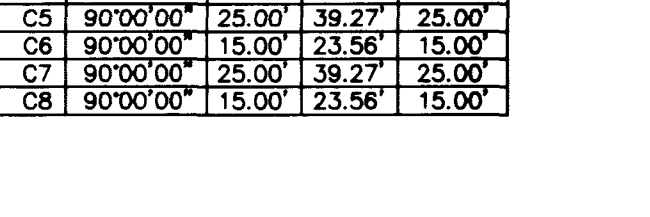
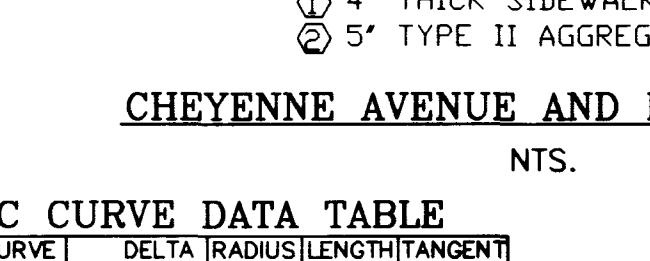
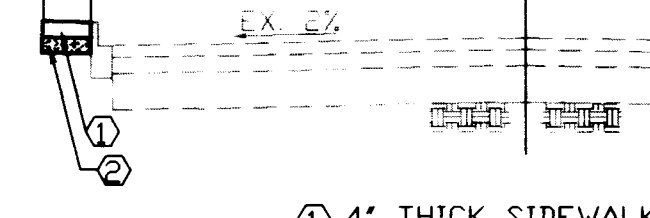
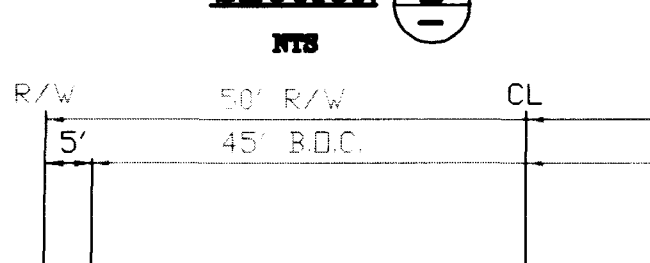
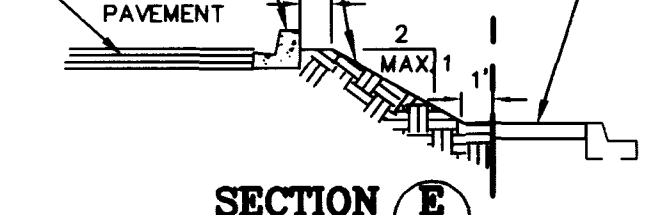
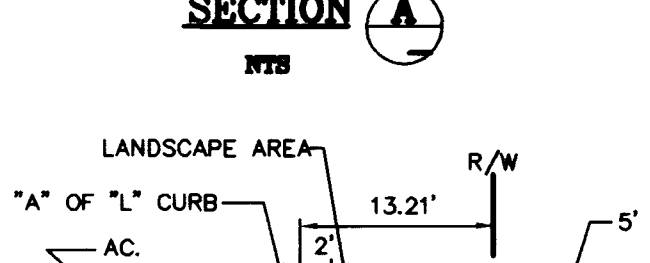
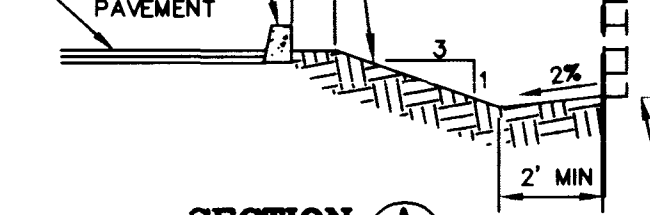
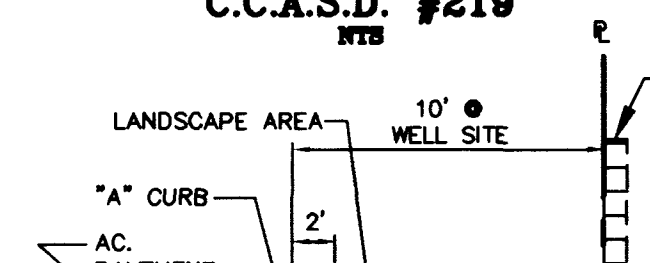
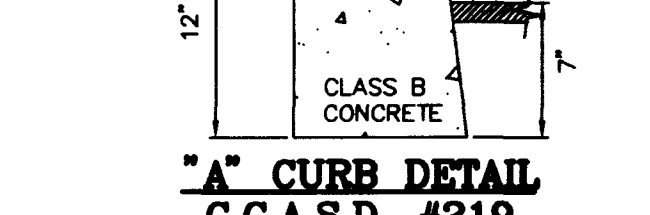
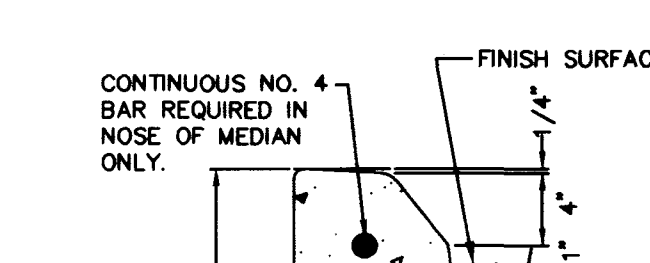
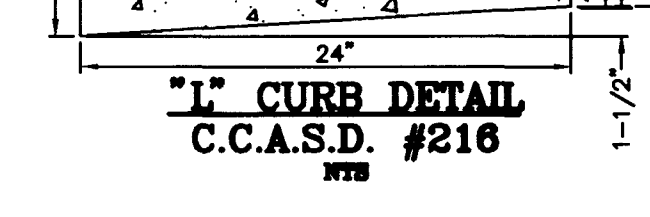
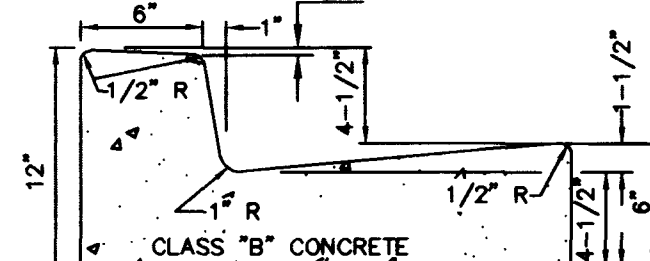
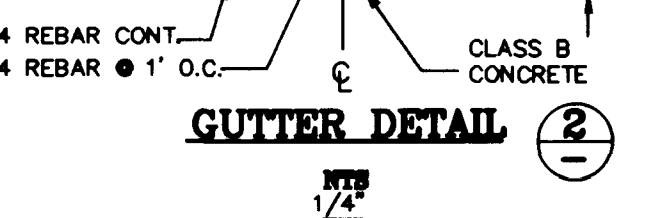
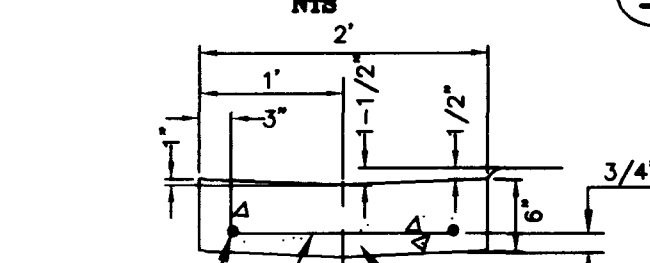
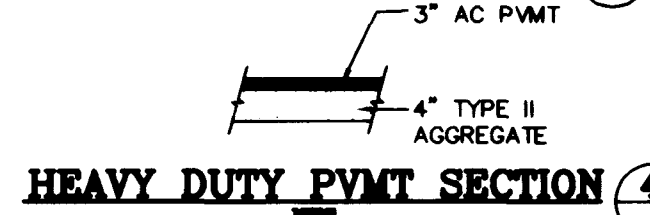
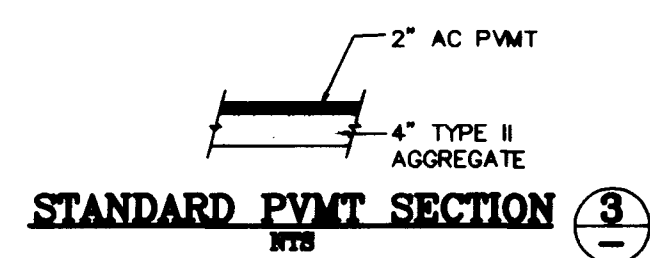


NOTE:
PAVEMENT SECTIONS CONFORM TO GEOTECHNICAL EVALUATION PERFORMED BY
TERRACON CONSULTANTS WESTERN, INC., PROJECT NO. 64975060



MATCHLINE SHEET 3

MATCHLINE SHEET 2

PHASE II

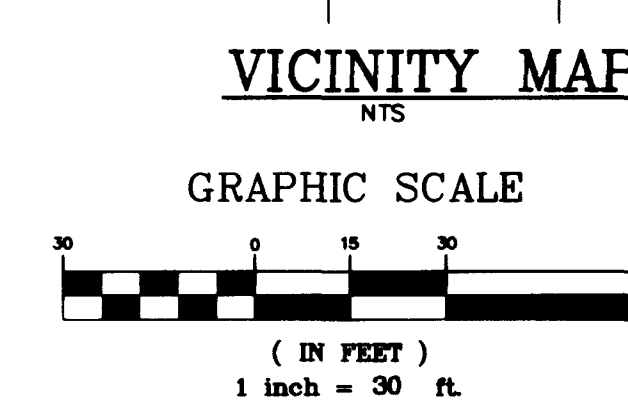
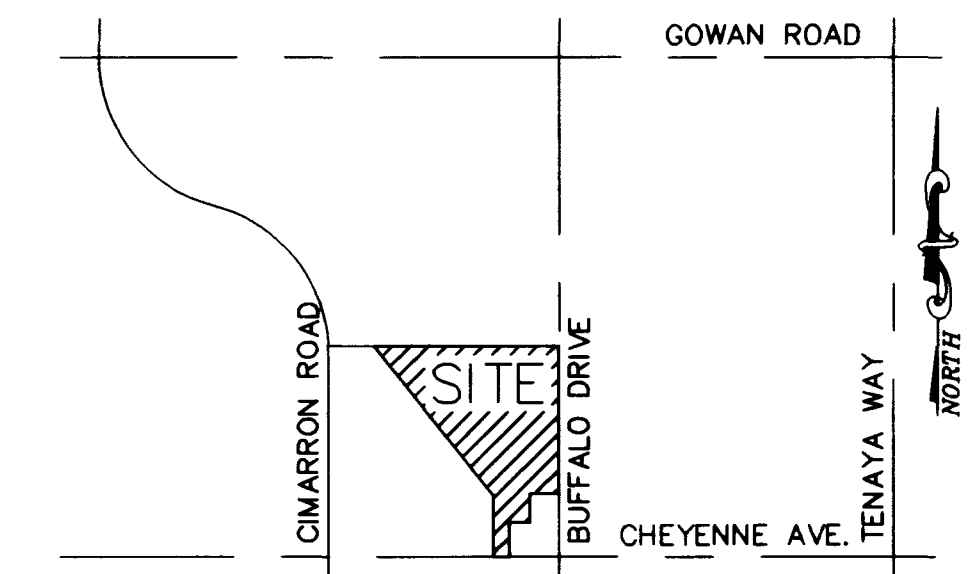
FUTURE COMMERCIAL

EXISTING LVWD WELL SITE NO. 69

FUTURE FF = 74.43
FUTURE PAD = 73.60
PROPOSED McDONALDS BY CRSE ENGINEERS

BC CURVE DATA TABLE

CURVE	DELTA	RADIUS	LENGTH	TANGENT
C3	90°00'00"	25.00'	38.27'	25.00'
C6	90°00'00"	15.00'	23.56'	15.00'
C7	90°00'00"	25.00'	38.27'	25.00'
C8	90°00'00"	15.00'	23.56'	15.00'



OWNER/DEVELOPER
CHEYENNE INVESTMENTS, LLC
6900 WESTLUFF DRIVE, SUITE 505, B OF A BUILDING
LAS VEGAS, NEVADA 89128
PHONE (702) 477-7777
FAX (702) 656-2440

BENCHMARK
CLV BM# 0LV0016M4
RIVET & PLATE IN TOP OF CURB, ON CHEYENNE AVE. 1250' WEST OF SOFT
BREEZES DR. SOUTH CURB LINE
ELEV 2407.70' (733.8685m)(NAVD 88)

BASIS OF BEARING
SOUTH LINE SEC 9, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M.
SAID BEARING BEING N 88°33'14" W, AS SHOWN ON "AMENDED PLAT OF
NORTH SHORE, PHASE I", AS RECORDED IN BOOK 67, PAGE 89.

LEGAL DESCRIPTION
BEING A PORTION OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHEAST
QUARTER (SE 1/4) OF SECTION 9, TOWNSHIP 20 SOUTH, RANGE 60 EAST,
M.D.M., IN THE CITY OF LAS VEGAS, CLARK COUNTY, NEVADA.

GENERAL NOTES
1. GRADING, PAVEMENT SECTIONS, AGGREGATE BASE AND STRUCTURAL FILL
REQUIREMENTS FOR ALL OF THE STRUCTURES SHALL CONFORM TO THE
GEOTECHNICAL REPORT AS PREPARED BY TERRACON CONSULTANTS
WESTERN, INC. AND APPROVED BY THE CITY OF LAS VEGAS.
2. THE QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND ARE NOT TO
BE USED FOR BIDDING PURPOSES.
3. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND
SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE
COMMENCEMENT OF WORK.
4. ALL GRADES SHOWN HEREON ARE FINISH GRADES. ALLOW 0.30' BELOW
FG FOR LANDSCAPED AREAS.

2. THE QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.

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

4. ALL GRADES SHOWN HEREON ARE FINISH GRADES. ALLOW 0.30' BELOW FG FOR LANDSCAPED AREAS.

LEGEND

ECR	END CURB RETURN		RETAINING WALL
CG	CONTOUR LINE (1' INTERVAL)	GB	GRADE BREAK
FG	FINISH GRADE		PAD GRADE
FL	FLOW LINE	0.5%	DIRECTION AND RATE OF SLOPE
TC	TOP OF CURB		HEAVY DUTY P.V.M.T. SECTION
BC	BACK OF CURB		
BCR	BEGIN CURB RETURN	FF	FINISH FLOOR ELEVATION
EX	EXISTING		EXISTING WALL
VG	VALLEY GUTTER	{ }	DENOTES FUTURE
SCARP	SCARP AREA	()	DENOTES EXISTING
	CONCRETE BLOCK WALL		
NG	NATURAL GROUND		

- CONSTRUCTION NOTES:
- CONSTRUCT SIDEWALK RAMP PER C.C. AREA STD. DWG. #235 CASE 1
 - REMOVE EXISTING CURB AND GUTTER & CONSTRUCT COMMERCIAL DRIVEWAY
PER C.C. AREA STD. DWG. #222A & #225
 - CONSTRUCT PLANTER DRAIN PER DETAIL 1, THIS SHEET
 - CONSTRUCT 2' VALLEY GUTTER PER DETAIL 2, THIS SHEET
 - CONSTRUCT HEAVY DUTY P.V.M.T. SECTION PER DETAIL 4, THIS SHEET
 - CONSTRUCT 5' S/W PER C.C. AREA STD. DWG. #234
 - CONSTRUCT "A" PER CURB C.C. AREA STD. DWG. #219
 - CONSTRUCT "L" CURB PER C.C. AREA STD. DWG. #216
 - CONSTRUCT STD P.V.M.T. SECTION PER DETAIL 3, THIS SHEET
 - CONSTRUCT 8' WIDE CROSS GUTTER & APRON PER C.C. AREA STD. DWG. #228
 - CONSTRUCT PEDESTRIAN RAMP PER ADA REQUIREMENTS W/ 12:1 MAX
RUNNING SLOPE AND 50:1 MAX CROSS SLOPE
 - INSTALL 250W H.P.S. STREET LIGHT
 - CONSTRUCT TACK ON "A" CURB

SIDEWALK RAMP DATA

	A	B
1	4.5'	15.0'
2	4.5'	12.0'
3	4.5'	9.5'
4	8.0'	8.0'

DRAINAGE CERTIFICATION
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED
DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.
MICHAEL J. CREHAN P.E. #10664
8/1/97
DATE

Call before you Dig
It's a Law.
1-800-227-2600
CALL BEFORE YOU DIG
OVERHEAD
CALL 1-702-593-6111

Standage & Truitt Engineering, Ltd.
CIVIL ENGINEERING AND SURVEYING
6855 W. CHARLESTON BOULEVARD
LAS VEGAS, NEVADA 89117
PHONE: (702) 255-2950
FAX: (702) 255-3090

GRADING PLAN
NORTHSHORE PROFESSIONAL
OFFICE PLAZA

JOB NO.: L97LV009
FILE: 7121GD02
DESIGNER: ANR
DRAWN BY: ANR
CHECKED BY: MJC
DATE: 4/29/97
SHEET NO.
4 OF 8

107Y-4534

