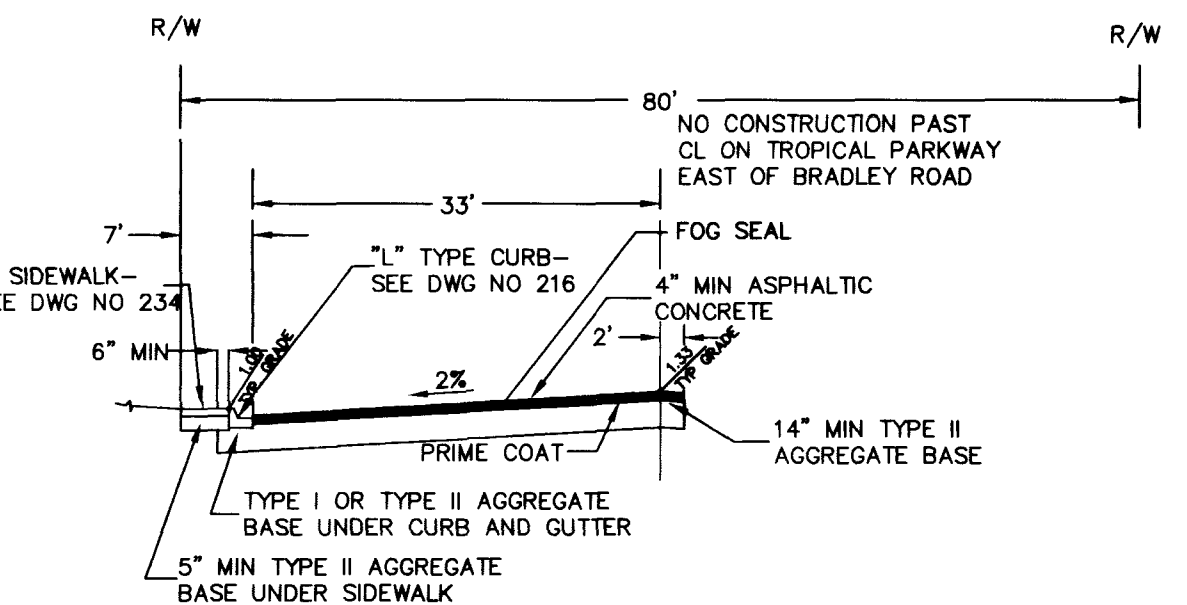
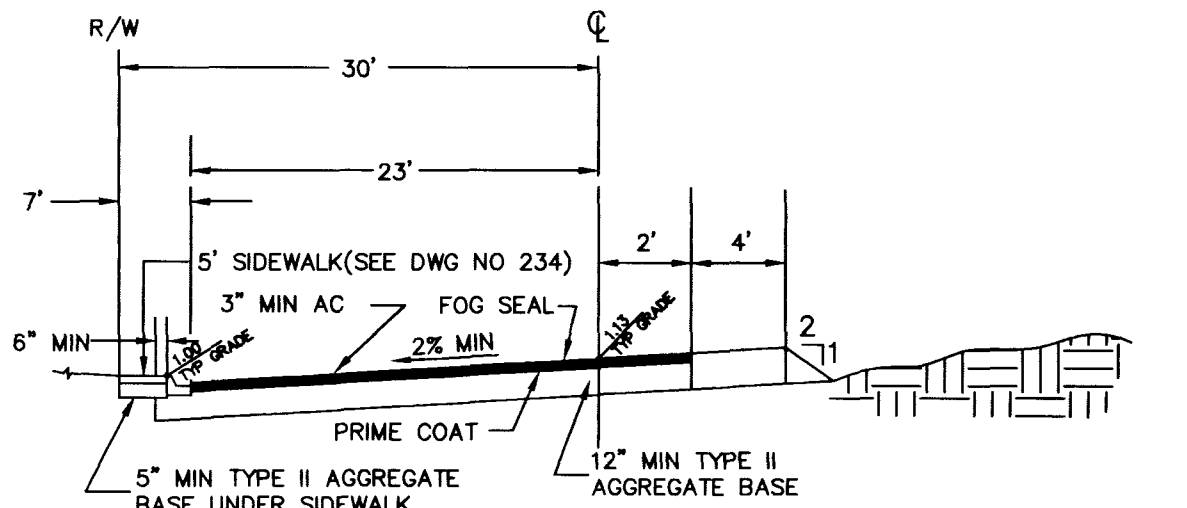


ABBREVIATIONS:

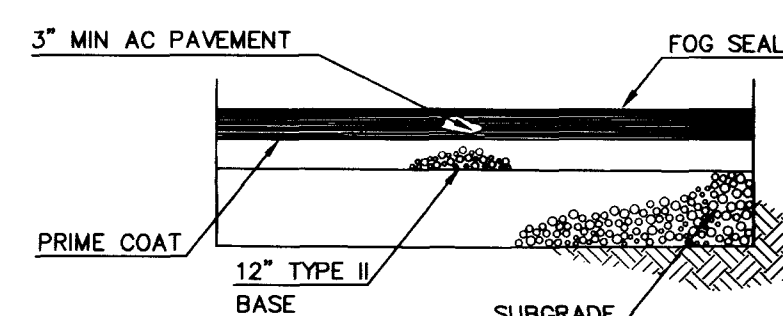
A.D.	ALGEBRAIC DIFFERENCE	L.F.	LINEAL FEET
A.C.P.	ASBESTOS CEMENT PIPE	M.H.	MANHOLE
A.C.	ASPHALTIC CONCRETE	P	POINT OF INTERSECTION
BCR	BEGIN CURVE	P.I.	POINT OF INTERSECTION VERTICAL CURVE
BVCS	BEGIN VERTICAL CURVE STATION	P.R.C.	POINT OF REVERSE CURVATURE
B.S.	BACK OF SIDEWALK	P.O.T.	POINT OF TANGENT
C.B.	CATCH BASIN	P.V.C.	POLYVINYL CHLORIDE PIPE
CL	CENTERLINE	PL	PROPERTY LINE
C.M.P.	CORRUGATED METAL PIPE	R	RADIUS
CONC.	CONCRETE	REF.	REFERENCE
D.I.	DROP INLET	R.C.P.	REINFORCED CONCRETE PIPE
E	ELEVATION	R.G.	ROUGH PAD ELEVATION
E.C.R.	END OF CURVE	RT	RIGHT
EVCS	END OF VERTICAL CURVE STATION	R/W	RIGHT OF WAY
EXIST.	EXISTING	S.S.	SANITARY SEWER
E.G.	EXISTING GRADE	S.W.	SIDEWALK
F.F.	FINISHED FLOOR	S	SLOPE
F.G.	FINISHED GRADE	SH	SHEET
F.H.	FIRE HYDRANT	STA.	STATION
FL	FLOW LINE	S.D.	STORM DRAIN
G	GAS	T	TANGENT
G.B.	GRADE BREAK	T.C.	TOP OF CURB
HORIZ.	HORIZONTAL	TYP.	TYPICAL
INT.	INTERSECTION	VERT.	VERTICAL
K	RATE OF VERTICAL CURVATURE	V.C.	VERTICAL CURVE
LT	LEFT	W	WATER
L	LENGTH		



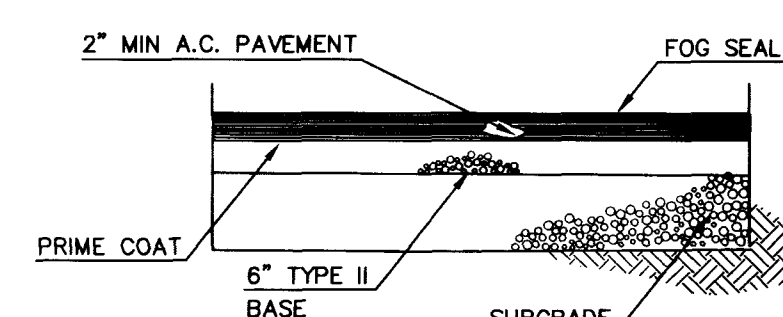
DETAIL A - TROPICAL PARKWAY AND BRADLEY ROAD
NTS STD DWG 205 AND 208



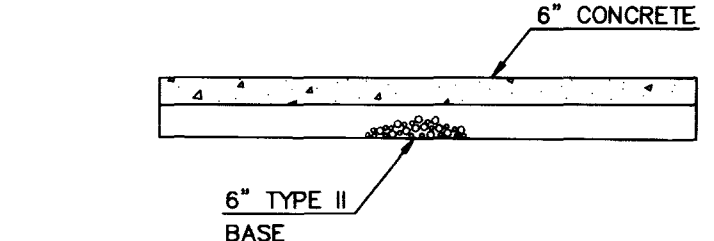
DETAIL B - BULLRING AVENUE
NTS STD DWG 205 AND 208



DETAIL C - PARKING AND BUS AREA
NTS



DETAIL D - PLAYGROUND AREA
NTS



DETAIL E - CONCRETE PAVING
NTS

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION.

Call before you dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

I CERTIFY THAT THIS GRADING PLAN CONFORMS TO THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS FOR THIS PROJECT.

MARGARET C. BRAKE 9-6-96
DATE

PROJECT BENCHMARK

CITY OF LAS VEGAS BM190 36N4; A RIVET & PLATE IN TOP OF CURB ON SOUTH SIDE ANN ROAD AT ANGLE POINT IN CURB AT BRADLEY ROAD.
ELEVATION = 696.2262 METERS (NAVD 88) 2284.20 FEET

BASIS OF BEARINGS

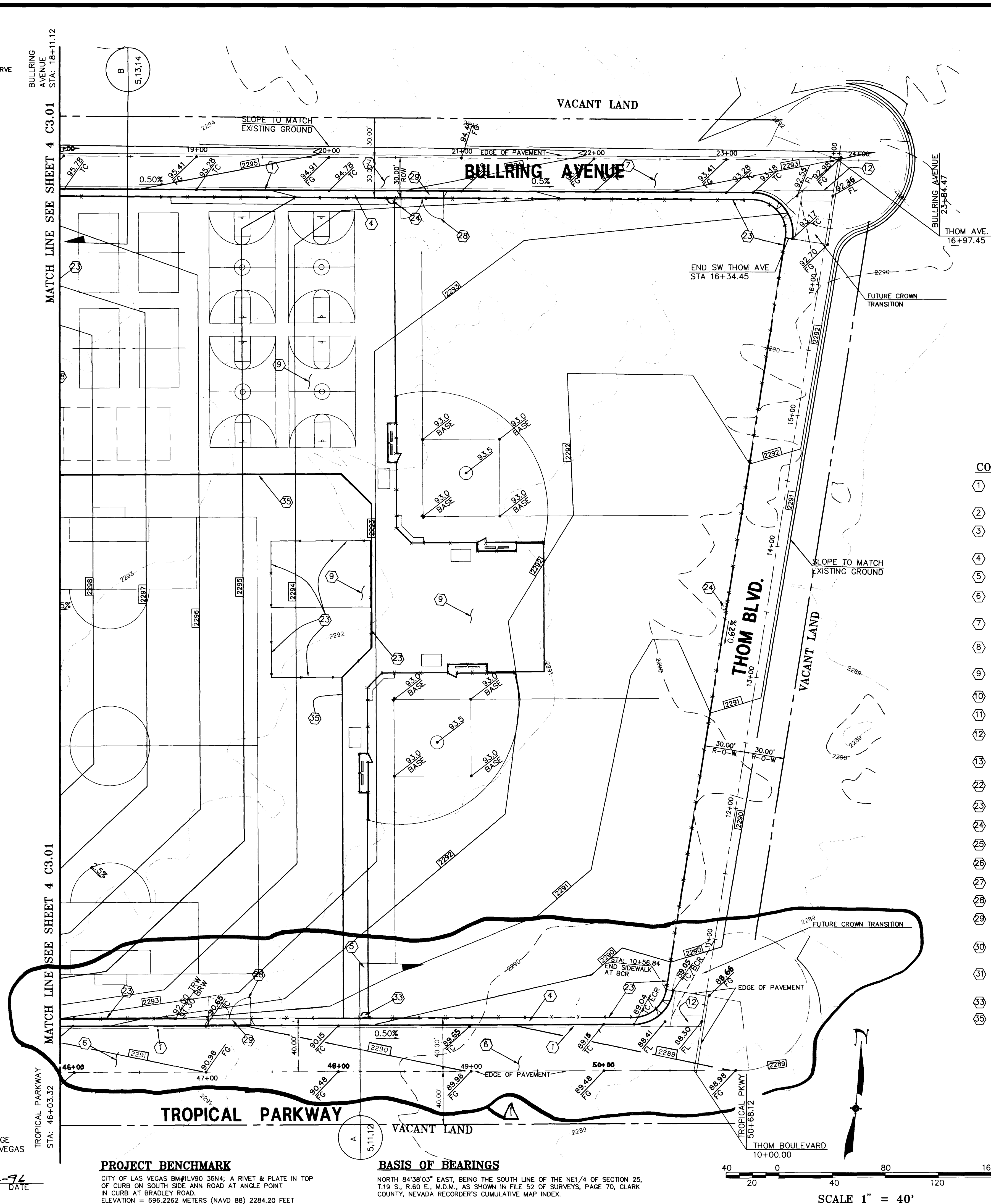
NORTH 84°38'03" EAST, BEING THE SOUTH LINE OF THE NET 1/4 OF SECTION 25, T.19 S., R.60 E., M.D.M., AS SHOWN IN FILE 52 OF SURVEYS, PAGE 70, CLARK COUNTY, NEVADA RECORDER'S CUMULATIVE MAP INDEX.

LEGEND

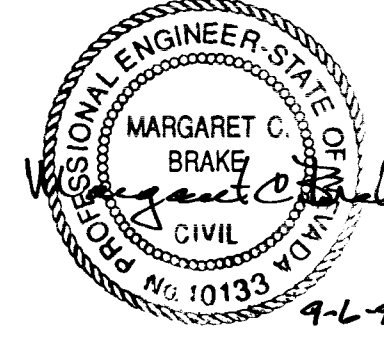
EXISTING	PROPOSED	
		FIRE HYDRANT
		STORM DRAIN MANHOLE
		SANITARY SEWER MANHOLE
		CMU WALL
		RETAINING WALL
		DROP INLET
		FLOWLINE ELEVATION
		ELEV. ● GRADE BREAK
		ELEV. ● FINISHED GRADE
		ELEV. ● HIGH PT./LOW PT.
		ELEV. ● TOP OF CURB
		DRAINAGE SWALE W/FLOW DIRECTION & GRADE INDICATED
		SIDEWALK RAMPS
		'L' CURB AND GUTTER
		'A' CURB
		CONTOUR LINES
		PROPERTY LINE
		CENTER LINE
		FENCE LINE

CONSTRUCTION NOTES

- CONSTRUCT 24" "L" TYPE CURB AND GUTTER PER STD DWG NO 216
- CONSTRUCT "A" TYPE CURB PER STD DWG NO 219
- CONSTRUCT SIDEWALK RAMP PER STD DWG NO 235 CASE 1 A = B = 8' UNLESS OTHERWISE NOTED
- CONSTRUCT PUBLIC SIDEWALK PER STD DWG NO 234
- CONSTRUCT ON-SITE SIDEWALK PER DETAIL 'T' SHEET 22 (C7.04)
- CONSTRUCT TROPICAL PARKWAY AND BRADLEY ROAD PER DETAIL A SHEET 5 (C3.02)
- CONSTRUCT BULLRING AVENUE PER DETAIL B SHEET 5 (C3.02)
- CONSTRUCT ASPHALT CONCRETE PER DETAIL C PARKING AND BUS AREA SHEET 5 (C3.02)
- CONSTRUCT ASPHALT CONCRETE PER DETAIL D PLAYGROUND AREA SHEET 5 (C3.02)
- CONSTRUCT CONCRETE PAVING PER DETAIL E SHEET 5 (C3.02)
- CONSTRUCT 8' CROSS GUTTER PER STD DWG NO 228
- CONSTRUCT 8' HALF STREET CROSS GUTTER PER STD DWG NO 229
- CONSTRUCT COMMERCIAL DRIVEWAY (OPTION B) PER STD DWG NO 225 AND 222A
- CONSTRUCT SIDEWALK DRAIN PER STD DWG NO 236
- INSTALL CHAIN LINK FENCE PER DETAIL 'Q' SHEET 22 (C7.04)
- INSTALL MAZE PER DETAIL 'R' SHEET 22 (C7.04)
- CONSTRUCT WALL SEE DETAIL 118 SHEET 55.03
- CONSTRUCT TRASH ENCLOSURE
- CONSTRUCT 2' CURB OPENING SEE DETAIL 'V' SHEET 22 (C7.04)
- INSTALL GATES
- CONSTRUCT COMMERCIAL DRIVEWAY (OPTION A) PER STD DWG NO 224
- CONSTRUCT BLOCK WALL OPENING PER DETAIL 'U' SHEET 22 (C7.04)
- CONSTRUCT OUTLET PER DETAIL 'Y' SHEET 23 (C7.05)
- CONSTRUCT MAZE PER DETAIL 'S' SHEET 22 (C7.04)
- CONSTRUCT CONCRETE MOW STRIP PER DETAIL 'F' SHEET 20 (C7.02)



SCALE 1" = 40'



DESIGNED BY: M.C.B.	ENGINEERING CORPORATION
DRAWN BY: E.W.A.	CONSULTING ENGINEERS AND SURVEYORS
CHECKED BY: M.C.B.	3864 SOUTH HIGHLAND, LAS VEGAS, NEVADA 89103
APR. 15, 1996	PHONE: (702) 252-3236 FAX: (702) 252-3247
NEVADA	
LIED MIDDLE SCHOOL	
CCSD #0844	
GRADING PLAN	
BY APP'D	
REV. DATE	
DESCRIPTION	
SCALE	
HORIZ. 1" = 40'	
VERT. N/A	
JOB NO. 71074	
DATE: 9/6/96	

