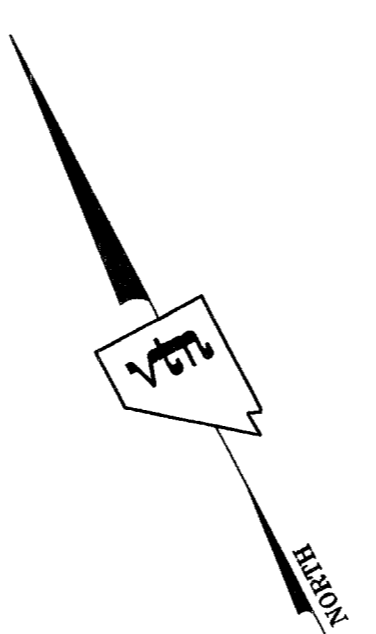
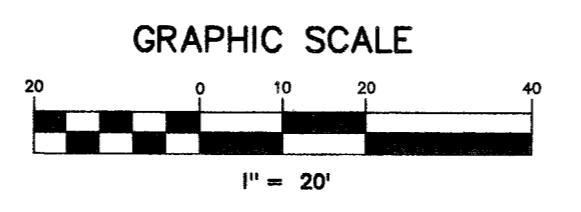


**BASIS OF BEARINGS**  
 THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 27°54'36" EAST - THE CENTERLINE OF LAS VEGAS BOULEVARD FROM STATION "B" 10774+00.00 POT TO STATION "B" 1155+93.64 POT (AND FREMONT AVENUE) BEARS NORTH 27°54'36" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER F005-1(3), AS SHOWN BY THAT RECORD OF SURVEY ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 67 OF SURVEYS, AT PAGE 79.

**PROJECT BENCHMARK**  
 PROJECT DATUM: CITY OF LAS VEGAS BENCH MARK NO. CLVBM FREMONT 5 - RIVET AND PLATE IN THE TOP OF CURB AT THE NORTHEAST RETURN OF FREMONT AND LAS VEGAS BOULEVARD.  
 NAVD88 ELEVATION: 2007.32 METERS (6586.70 FEET)

Call before you Underground  
 1-702-455-7811  
 CLARK COUNTY TRAFFIC OPERATIONS AND FREEMAN AND ARTERIAL SYSTEMS OF TRANSPORTATION

Call before you Overhead  
 1-702-227-2929  
 Avoid overhead power lines. The contact is costly.  
 Call before you Dig  
 1-800-227-2600  
 Avoid cutting underground utility lines. It's costly.

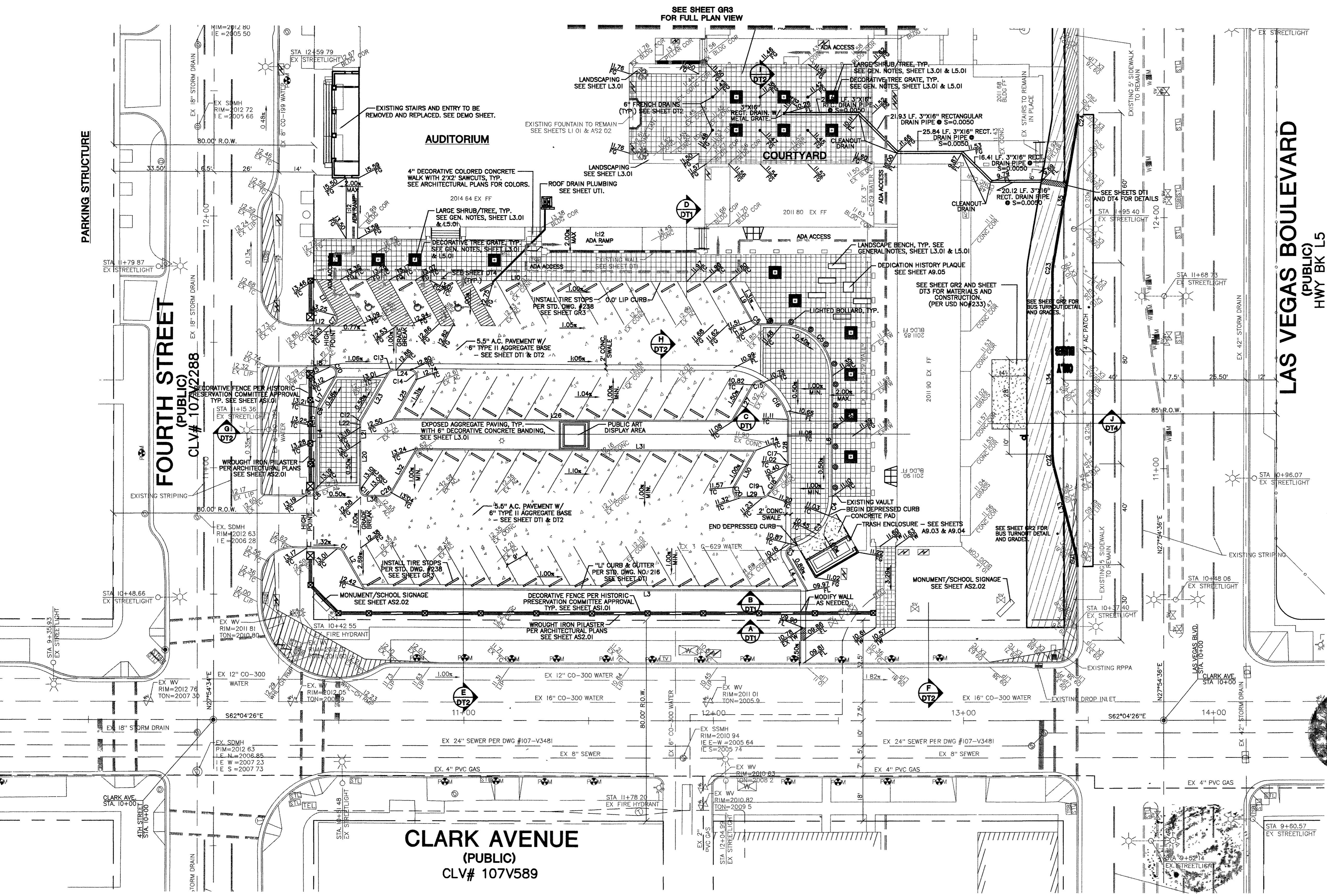


**ABBREVIATIONS**

FG	FINISH GRADE	PT	POINT OF TANGENCY
FL	FLOW LINE	PRC	POINT OF REVERSE CURVATURE
TC	TOP OF CURB	POC	POINT OF COMPOUND CURVATURE
TRC	TOP OF ROLL CURB	BVC	BEGIN VERTICAL CURVE
EP	EDGE OF PAVEMENT	MVC	MID-POINT OF VERTICAL CURVE
FUT.	FUTURE	PVC	END VERTICAL CURVE
EXIST	EXISTING	PRVC	POINT OF REVERSE VERTICAL CURVE
VG	VALLEY GUTTER	VPI	VERTICAL POINT OF INTERSECTION
NG	NATURAL GROUND	TPW	TOP OF PLANTER WALL
H.P.	HIGH POINT	TOE	TOP OF CHANNEL/SCARP
L.P.	LOW POINT	TOE	TOP OF CHANNEL/SCARP
C/L	CENTER LINE	TOB	TOP OF BOX
O/C	OFFSET CROWN	PP	POWER POLE
BC	BACK OF CURB	TRANS.	TRANSITION
BCR	BEGIN CURB RETURN	RET.	RETAINMENT
TF	TOP OF FOOTING	INT.	INTERSECTION
GB	GRADE BREAK	D.G.	DESIGN GRADE
PC	POINT OF CURVATURE	TSW	TOP OF SIDEWALK
S/W	SIDEWALK	TW	TOP OF WALL

**LEGEND**

	EX. BUS STOP
	EX. CATCH BASIN
	EX. CENTERLINE
	EX. CHAIN LINK FENCE
	EX. ELECTRIC VAULT/PULL BOX
	EX. BUILDING
	EX. FIRE HYDRANT
	EX. FLAG POLE
	EX. FOUND MONUMENT AS NOTED
	EX. GAS VALVE
	EX. GUARD POST
	EX. LIGHT
	EX. PARKING METER
	EX. RIGHT OF WAY LINE
	EX. SANITARY SEWER MANHOLE
	EX. SIGN
	EX. STORM DRAIN MANHOLE
	EX. STREET LIGHT
	EX. STREET LIGHT PULL BOX
	EX. TELEPHONE MANHOLE
	EX. TELEPHONE PULL BOX
	EX. TRAFFIC LANE DELINEATION
	EX. VAULT
	EX. WALL
	EX. WATER METER
	EX. WATER VALVE
	EX. WHEEL CHAIR ACCESS RAMP
	EX. WROUGHT IRON FENCE
	ADA ACCESS ROUTE
	SITE VISIBILITY ZONE



**LAS VEGAS BOULEVARD (PUBLIC) HWY BK L5**

**CLARK AVENUE (PUBLIC) CLV# 107V589**

**LINE TABLE**

LINE	LENGTH	BEARING
L1	12.10	S61°24'04"E
L2	17.07	S01°56'08"E
L3	188.22	S41°56'08"E
L4	15.94	N01°56'08"W
L5	48.24	N88°03'52"E
L6	9.53	N61°56'08"W
L7	17.90	N01°56'08"W
L8	165.70	N61°56'08"W
L9	16.23	S01°56'08"E
L10	9.18	N61°51'37"W
L11	19.20	N27°53'09"E
L12	5.66	N27°53'09"E
L13	5.30	N27°53'09"E
L14	1.02	S61°31'00"E
L15	14.28	N58°03'52"E
L16	9.19	N61°53'49"W
L17	19.16	N27°54'48"E
L18	5.66	N27°54'48"E
L19	136.24	N61°56'08"W
L20	17.02	N58°03'52"E
L21	17.02	S28°03'52"E
L22	8.96	N61°56'08"W
L23	17.30	N58°03'52"E
L24	136.25	N61°56'08"W
L25	20.32	S58°03'52"E
L26	36.21	N13°20'07"E
L27	71.81	N27°52'57"E
L28	57.40	N37°32'38"E
L29	7.32	N62°04'26"W

**CURVE TABLE**

CURVE	LENGTH	RADIUS	TANGENT	DELTA
C1	3.10	3.00	1.70	59°06'54"
C2	4.69	2.50	3.40	107°24'01"
C3	19.44	20.50	10.84	153°43'13"
C4	2.76	20.50	3.93	21°48'48"
C5	32.20	20.50	20.50	90°00'00"
C6	2.62	2.50	1.44	59°59'59"
C7	5.24	2.50	4.34	120°05'05"
C8	3.96	2.50	2.52	89°24'00"
C9	1.85	3.50	0.95	30°21'52"
C10	5.11	2.50	4.09	117°05'04"
C11	3.93	2.50	2.50	89°59'14"
C12	1.32	2.50	0.67	30°05'04"
C13	2.62	2.50	1.44	60°00'00"
C14	5.24	2.50	4.33	120°00'00"
C15	4.14	2.45	2.76	96°35'59"
C16	17.33	25.94	9.00	38°15'43"
C17	1.09	2.50	0.55	24°54'00"
C18	14.46	49.46	7.28	16°43'13"
C19	2.11	2.41	1.13	50°18'01"
C20	5.24	2.50	4.33	120°00'00"
C21	4.97	25.00	2.50	11°24'02"
C22	4.80	25.05	2.41	10°58'14"
C23	3.44	25.00	1.72	7°52'22"
C24	3.42	25.00	1.71	7°52'22"
C25	0.73	2.50	0.37	16°40'29"
C26	2.61	2.50	1.44	59°51'42"

THIS SITE IS LOCATED IN FLOOD ZONE "X" AS SHOWN ON FEMA PANEL #32003C172E DATED SEPT. 27, 2002

HANSEN# 18021

**CITY OF LAS VEGAS**  
 400 EAST STEWART AVENUE  
 LAS VEGAS, NEVADA 89101  
 (702) 228-6555

**GRADING PLAN FIFTH STREET SCHOOL**

**FIFTH STREET SCHOOL REHABILITATION BUILDING DEPARTMENT SUBMITTAL**

DATE: 8-16-07  
 BY: [Signature]  
 CHECKED BY: [Signature]  
 PROJECT NO: 6718

EXPIRES 06-30-07

**PROFESSIONAL ENGINEER STATE OF NEVADA**  
 DANIEL J. HOOD  
 CIVIL  
 LICENSE NO. 12811

**DRWING NO. CLV# 513-65E**

Scale: 1" = 20' HORIZ. 1" = 20' VERT.