

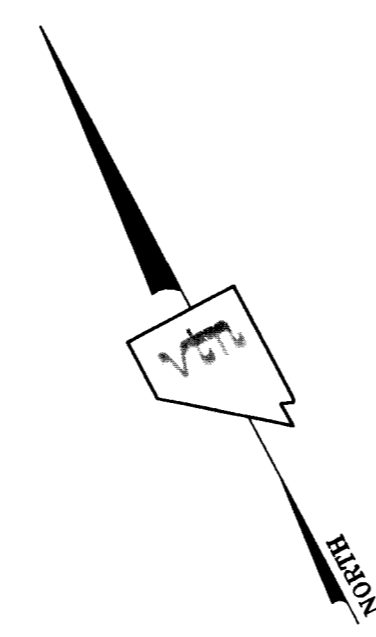
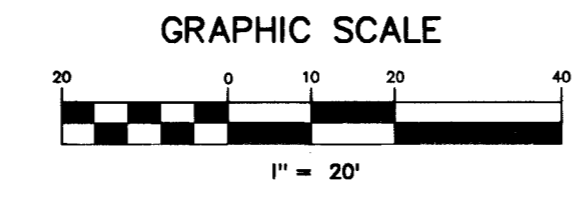
BASIS OF BEARINGS
 THE BASIS OF BEARINGS FOR THIS PROJECT IS NORTH 27°54'36" EAST - THE CENTERLINE OF LAS VEGAS BOULEVARD FROM STATION "B" 1077+00.00 POT TO STATION "B" 1155+93.64 POT (AND FREMONT AVENUE BEARS NORTH 27°54'36" EAST PER NEVADA DEPARTMENT OF HIGHWAY DRAWINGS, PROJECT NUMBER F005-(3), AS 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
 1-702-455-7511
 1-702-228-6811

Call before you Overhead
 1-702-227-2929
 Call before you Dig
 1-800-227-2600

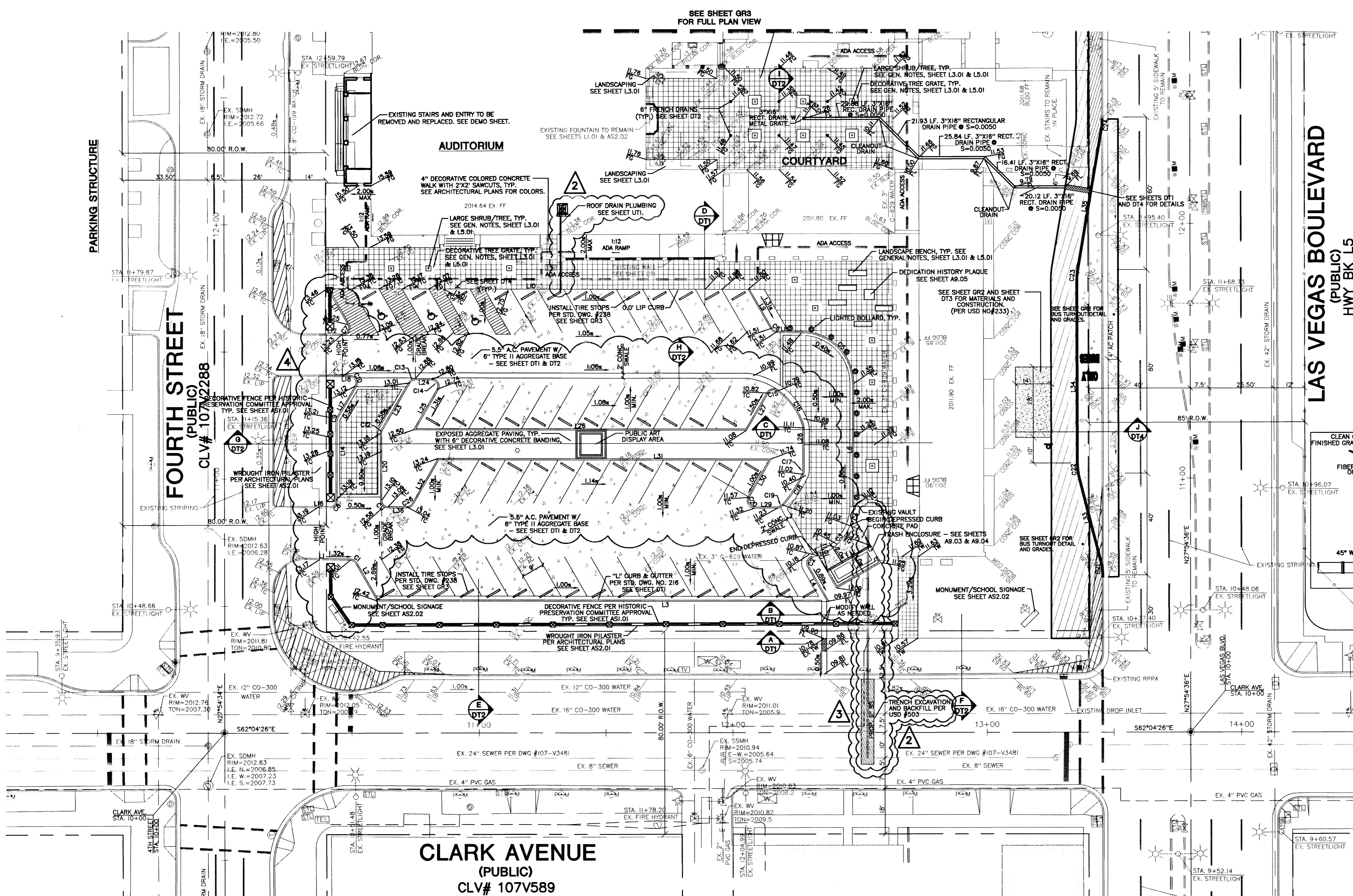


ABBREVIATIONS

FG	FINISH GRADE	PT	POINT OF TANGENCY
FL	FLOW LINE	PRC	POINT OF REVERSE CURVATURE
TC	TOP OF CURB	PCC	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	EVC	END VERTICAL CURVE
EXIST	EXISTING	PCV	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	TOP	TOP OF CHANNEL/SCARP
L.P.	LOW POINT	TOE	TOE 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

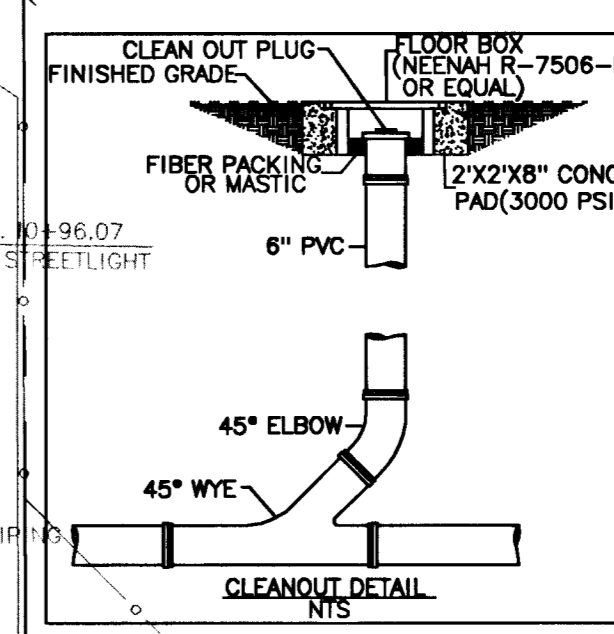
	EX. BUS STOP
	EX. CATCH BASIN
	EX. CENTERLINE
	EX. CHAIN LINK FENCE
	EX. ELECTRIC VAULT/PULL BOX
	EX. BUILDING
	EX. FIRE HYDRANT
	EX. FLAG POLE
	EX. FOUND MONUMENT AS NOTED
	EX. GAS VALVE
	EX. GUARD POST
	EX. LIGHT
	EX. PARKING METER
	EX. RIGHT OF WAY LINE
	EX. SANITARY SEWER MANHOLE
	EX. SIGN
	EX. STORM 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

FOURTH STREET (PUBLIC) CLV# 107V2288

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	188.23	S61°56'08"E
L4	15.94	N01°56'08"W
L5	48.24	N28°03'52"E
L6	9.53	N61°56'08"W
L7	17.90	N01°56'08"W
L8	165.70	N61°56'07"E
L9	16.23	S01°56'08"E
L10	9.18	N61°51'37"W
L11	19.20	N27°55'09"E
L12	30.76	N27°55'09"E
L13	5.90	N27°55'09"E
L14	4.02	S61°31'00"E
L15	14.28	N58°03'52"E
L16	12.19	N61°53'49"W
L17	26.20	N27°54'48"E
L18	5.66	N27°54'48"E
L19	1.98	N27°54'48"E
L20	21.54	N58°03'52"E
L21	6.36	S61°56'08"E
L22	18.48	S58°03'52"E
L23	131.23	S61°56'08"E
L24	17.02	N58°03'52"E
L25	17.02	S28°03'52"W
L26	8.96	N61°56'08"W
L27	17.30	N58°03'52"E
L28	131.25	N61°56'08"W
L29	20.32	S58°03'52"W
L30	36.21	N13°25'07"E
L31	71.81	N27°52'57"E
L32	57.40	N37°32'38"E
L33	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	65°24'00"
C3	19.94	20.50	10.94	85°43'13"
C4	7.76	20.50	3.93	21°40'48"
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	5.24	120°05'05"
C8	3.95	2.50	2.52	90°34'12"
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°09'04"
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	0.53	24°54'00"
C18	14.46	49.46	7.29	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°50'22"
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 #320032170E DATED SEPT. 27, 2002

HANSEN #18021

CITY OF LAS VEGAS
 400 EAST STEWART AVENUE
 LAS VEGAS, NEVADA 89101
 (702) 228-6535

GRADING PLAN FIFTH STREET SCHOOL

FIFTH STREET SCHOOL REHABILITATION BUILDING DEPARTMENT SUBMITTAL

2777 SOUTH RAINBOW BOULEVARD
 LAS VEGAS, NEVADA 89146-5146
 PH: (702) 873-7550 FAX: (702) 382-2587 WEB: WWW.VTNV.COM
 CONSULTING ENGINEERS PLANNERS & LAND SURVEYORS

DESIGNED BY: S.PAPPA
 CHECKED BY: [Signature]
 PROJECT NO: 8716
 SCALE: 1"=20' HORIZ. 1"=20' VERT.
 SHEET GR1
 3 OF 11 SHEETS
 DRAWING NO. CLV# 513-65E

REVISED FENCE LOCATION, PARKING LOT, & ADDED CURB AREA
 REVISED SEWER
 ADDED PROPOSED S.S. AND TRENCHING INFO AND REVISED ROOF
 DRAIN-REF. ARCHITECT REV. #11
 DELETED THE WORDS "PROPOSED"
 DATE: 8/12/07
 DATE: 8/18/07
 DATE: 2/26/07