

26-5-2

CITY OF LAS VEGAS GENERAL NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE "UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA NEVADA", LATEST ISSUE, THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION, CLARK COUNTY AREA, NEVADA" LATEST ISSUE, AND OTHER APPLICABLE APPROVED STANDARDS ISSUED BY THE CONTROLLING AGENCY, THE UNIFORM BUILDING CODE, AND ALL LOCAL CITY CODES AND ORDINANCES APPLICABLE, EXCEPT AS NOTED ON THIS SHEET AS "DEVIATIONS FROM STANDARDS".
 - LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM INFORMATION RECEIVED FROM THE APPLICABLE UTILITY CO'S. NEITHER THE OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES OR STRUCTURES NOT SHOWN, OR NOT IN THE LOCATION SHOWN ON THE DRAWINGS. CONTRACTOR TO VERIFY THE EXACT LOCATION OF UTILITIES PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR'S RESPONSIBILITY REGARDING UTILITIES SHALL BE AS REQUIRED UNDER SECTION 107.17 OF THE "UNIFORM STANDARD SPECIFICATIONS FOR CLARK COUNTY AREA, NEVADA" AND AS PROVIDED IN THE SPECIFICATIONS.
 - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES TO PROTECT EXISTING UTILITY LINES, STRUCTURES, AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER OR OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
 - ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
 - TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM @ 28 DAYS. MIX DESIGN TO BE APPROVED BY THE CLV CONSTRUCTION SERVICES SECTION PRIOR TO THE USE ON THE PROJECT.
 - EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.
 - AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.
 - CURB & GUTTER WITH A GRADE OF LESS THAN FOUR TENTHS OF ONE PERCENT SHALL BE WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION. ANY CURB AND GUTTER FOUND TO BE UNACCEPTABLE TO THE CITY SHALL BE REMOVED AND REPLACED.
 - CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS, OR AS DESIGNATED IN THE FIELD BY A CITY INSPECTOR.
 - ALL GRADING WORK SHALL CONFORM TO THE SOILS REPORT AS PREPARED BY THE SOILS ENGINEER AND APPROVED BY THE CITY ENGINEER, AND AS SHOWN ON THESE PLANS.
 - EXACT LOCATION OF ALL SAWCUT LINES MAY BE DETERMINED IN THE FIELD BY A CITY OF LAS VEGAS INSPECTOR IF LOCATION ON PLANS IS NOT CLEARLY SHOWN, OR EXISTING PAVEMENT CONDITION REQUIRES RELOCATION.
 - THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT EXISTING PERMANENT SURVEY MONUMENTS. ANY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER AVAILABLE RECORDS IN ACCORDANCE WITH N.R.S. STATUTE NO. 625.550.
 - UTILITY COMPANY METER BOXES, MANHOLE LIDS, VALVE COVERS, ETC. SHALL BE LOCATED OUT OF DRIVEWAYS, DRIVEWAY APRONS, FLOWLINES, AND CROSS GUTTERS UNLESS WRITTEN APPROVAL IS GRANTED BY THE UTILITY COMPANY AND THE CITY ENGINEER.
 - ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CLV CONSTRUCTION SERVICES SECTION PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS.
- REVISED 4/3/93

LEGEND

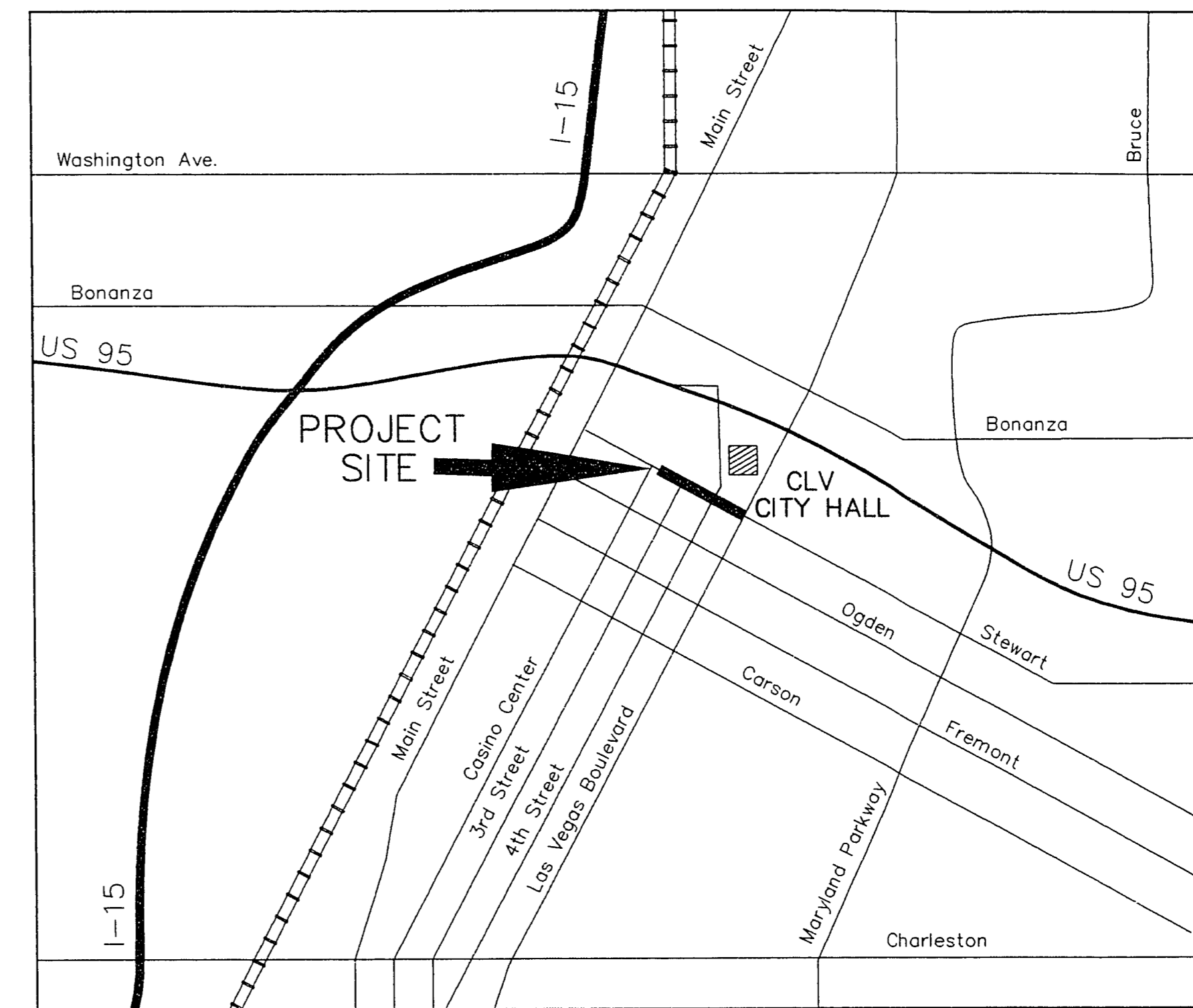
EXISTING TREE		PROPOSED BLOCK WALL	
EXISTING BUSH		PROPOSED SEWER W/MANHOLE	
EXISTING CHAIN-LINK FENCE		PROPOSED WATER	
EXISTING BLOCK WALL		PROPOSED STORM DRAIN W/MANHOLE	
EXISTING SEWER		PROPOSED DRIVEWAY	
EXISTING WATER		PROPOSED CURB AND GUTTER	
EXISTING GAS		PROPOSED FIRE HYDRANT	
EXISTING OVERHEAD ELECTRIC		PROPOSED WATER VALVE	
EXISTING UNDERGROUND ELECTRIC		PROPOSED STREETLIGHT (100 W HPS)	
EXISTING CABLE T.V.		PROPOSED STREETLIGHT (250 W HPS)	
EXISTING STORM DRAIN		PROPOSED STREETLIGHT (400 W HPS)	
EXISTING UNDERGROUND TELEPHONE		PROPOSED STREET SIGN	
EXISTING DRIVEWAY		PROPOSED DROP INLET	
EXISTING CURB AND GUTTER		PROPOSED WHEELCHAIR RAMP	
EXISTING FIRE HYDRANT		PROPOSED ELEVATION	
EXISTING WATER VALVE		DIRECTION OF FLOW OR SLOPE	
EXISTING WATER METER		MONUMENT	
EXISTING ELECTRICAL PULLBOX		PROPOSED NPC MANHOLE	
EXISTING TRAFFIC SIGNAL PULLBOX		CENTERLINE	
EXISTING SEWER MANHOLE		PROPERTY LINE	
EXISTING STORM DRAIN MANHOLE			
EXISTING ELECTRICAL MANHOLE			
EXISTING TELEPHONE MANHOLE			
EXISTING STREETLIGHT			
EXISTING POWER POLE			
EXISTING STREET SIGN			
EXISTING DROP INLET			
EXISTING WHEELCHAIR RAMP			
EXISTING ELEVATION			
EXISTING MONUMENT			
EXISTING TRAFFIC SIGNAL			

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600

VICINITY MAP



SHEET INDEX

SHEET 1	COVER SHEET
SHEET 2	NOTES, LEGEND & INDEX
SHEET 3	PLAN AND PROFILE

BASIS OF BEARINGS

The centerline of Stewart Avenue between 4th Street and Las Vegas Boulevard bears N 62°04'45" W as shown on the Record of Survey on file in the Clark County Recorder's Office, Clark County, Nevada, in File 67 Page 79 of Surveys.

BENCHMARK

Aluminum cap at 4th Street and Stewart Avenue Elevation = 2008.47

ABBREVIATIONS

⊙	AT	MAX.	MAXIMUM
A.C.	ASPHALTIC CONCRETE	M.H.	MANHOLE
APPROX.	APPROXIMATE	MN.	MINIMUM
B.O.C., B.C.	BACK OF CURB	N.	NORTH
B.C.R.	BACK OF CURB RADIUS	N.I.C.	NOT IN CONTRACT
BLDG.	BUILDING	N.T.S.	NOT TO SCALE
BLK.	BLOCK	O.G.	ORIGINAL GROUND
B.M.	BENCHMARK	O.H.E.	OVERHEAD ELECTRIC
B.W. OR BOW	BACK OF WALK	P.W.M.	PAVEMENT
C - C.L.	CENTERLINE	P.C.	POINT OF CURVE
CATV	CABLE T.V.	P.I.	POINT OF INTERSECTION
CONC.	CONCRETE	P.P.	POWER POLE
CONC. P.C.C.	CONCRETE	P.T.	POINT OF TANGENCY
CONST.	CONSTRUCTION	P.B.	PULLBOX
C.C.S.D.	CLARK COUNTY STANDARD DRAWINGS	R, P.L.	PROPERTY LINE
C & G	CURB AND GUTTER	R.C.P.	REINFORCED CONCRETE PIPE
DET.	DETAIL	RAD.	RADIUS
DIA.	DIAMETER	RET.	RETAINING
D/J.	DROP INLET	RT.	RIGHT
D/W	DRIVEWAY	R/W	RIGHT OF WAY
DWG.	DRAWING	S.	SOUTH
E.	EAST	S.D.	STORM DRAIN
EA.	EACH	SHT.	SHEET
E.G.	EX. GROUND OR EDGE OF UTILITY	S.S.	SANITARY SEWER
E.O.P., E.P.	EDGE OF PAVEMENT	STA.	STATION
ELEV.	ELEVATION	STD.	STANDARD
EXIST., EX.	EXISTING	S/W	SIDEWALK
EXP. JT.	EXPANSION JOINT	T.C.	TOP OF CURB
F.O.C.	FACE OF CURB	T.M.H.	TOP OF MANHOLE
F.L.	FLOWLINE	TYP.	TYPICAL
F.G.	FINISHED GRADE	U.O.N.	UNLESS OTHERWISE NOTED
F.H.	FIRE HYDRANT	V.C.	VERTICAL CURVE
FUT.	FUTURE	V.G.	VALLEY GUTTER
G.B.	GRADE BREAK	W.	WEST
G.M.	GAS METER	W.M.	WATER METER
G.V.	GATE VALVE	W.P.J.	WEAKENED PLANE JOINT
HOR.	HORIZONTAL	W.V.	WATER VALVE
INV.	INVERT	W/	WITH
L.F.	LINEAR FEET		
LT.	LEFT		

STORM SEWER LINE NOTES

- ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED AND THE LVWD UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS BOOKS.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS, ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CONTROLLING AGENCY.
- POLYVINYL CHLORIDE (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVEL.
- ALL MANHOLES IN PAVED STREETS W/ 80' R/W AND LARGER SHALL HAVE CONCRETE COLLARS.
- A STORM SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED FOR A DISTANCE NOT LESS THAN TEN (10) FEET TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
- ALL CONTRACTORS INSTALLING STORM SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CONTROLLING AGENCY MUST BE CLASS "A" CONTRACTORS.

DATE	REVISIONS	W.A. # W09397	DESIGN BY DOG
		SCALE (V) N/A	DATE August 28, 1995
		SCALE (H) N/A	FLD. BK. # N/A
DEPARTMENT OF PUBLIC WORKS PROJECT: STEWART AVENUE STORM DRAIN			
NOTES, LEGEND AND INDEX			
ENGINEERING DESIGN SECTION CITY ENGINEER: DENNIS ANDERSON, P.E. DESIGN ENGINEER: DENIS ATWOOD, P.E.			
DRAWING NO.		2/3	
327-V241			