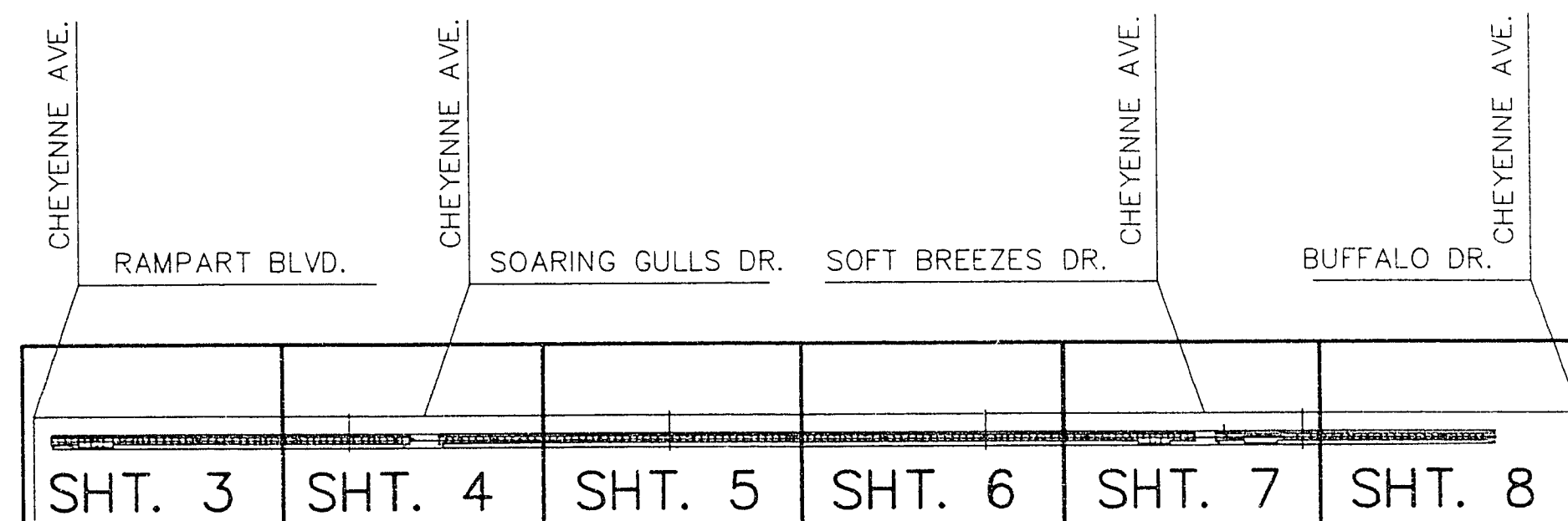
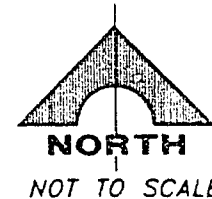


GENERAL NOTES

- CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITION BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND OF INGRESS AND EGRESS TO SAID CONSTRUCTION, EXTENT OF TRANSITIONS TO BE DETERMINED BY THE ENGINEER.
- LOCATIONS OF UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS WERE OBTAINED FROM INFORMATION RECEIVED FROM THE APPLICABLE UTILITY COMPANIES AND MUNICIPAL OFFICE. NEITHER THE OWNER NOR ENGINEER ASSUMES ANY RESPONSIBILITY FOR EXISTING UTILITIES IMPROVEMENTS OR STRUCTURES NOT SHOWN, OR NOT IN THE LOCATIONS SHOWN ON THE DRAWINGS. CONTRACTOR TO VERIFY THE EXACT LOCATION OF UTILITIES AND IMPROVEMENTS 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 USE EXTREME CAUTION WHEN WORKING OVER OR NEAR THE EXISTING GAS MAINS.
- ALL CONSTRUCTION, MATERIALS AND DETAILS FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, DRAWINGS, SUMMERLIN IMPROVEMENT STANDARDS, AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS' CONSTRUCTION, OFFSITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, 1986.
- 48 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT:
LAS VEGAS VALLEY WATER DISTRICT PHONE 870-2011
NEVADA POWER COMPANY PHONE 1-800-227-2600
CENTRAL TELEPHONE COMPANY PHONE 1-800-227-2600
SOUTHWEST GAS CORPORATION PHONE 365-2296
KERN RIVER GAS PHONE 801-584-6762
- TREES, SHRUBS, LAWNS, WALLS, FENCES, SIGNS, STRUCTURES, LIGHTS AND OTHER EXISTING IMPROVEMENTS WITHIN CHANNEL RIGHTS-OF-WAY SHALL BE REMOVED WHERE SHOWN ON THE CONTRACT DRAWINGS, AND AS REQUIRED BY THE ENGINEER.
- REPLACEMENT, RELOCATION OR RECONSTRUCTION OF ALL EXISTING IMPROVEMENTS INCLUDING SPRINKLER SYSTEMS, LAWNS, FENCES, WALLS, SIGNS, STEPS, SIDEWALKS, DRIVEWAYS, LAWN LIGHTS, AND ALL OTHER ITEMS APPLICABLE TO THIS CONTRACT SHALL BE AS REQUIRED BY THE ENGINEER.
- THE CONTRACTOR SHALL BACKFILL AND FINE GRADE ALL CUT OR FILL SLOPES TO MATCH EXISTING CONDITIONS TO THE SATISFACTION OF THE ENGINEER. WHERE EXISTING LAWNS ARE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL RE-SEED AND/OR SOD THE AFFECTED AREA TO A CONDITION EQUAL TO OR BETTER THAN EXISTED PRIOR TO CONSTRUCTION.
- ALL BARRICADING AND TEMPORARY TRAFFIC CONTROL DEVICES OR METHODS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE "NEVADA TRAFFIC CONTROL MANUAL," 1985, PUBLISHED BY THE STATE OF NEVADA, DEPARTMENT OF HIGHWAYS, EXCEPT AS OTHERWISE PROVIDED IN THE CONTRACT SPECIFICATIONS OR AS REQUIRED BY THE ENGINEER.
- AT THE TIME OF PRE-CONSTRUCTION CONFERENCE, THE CONTRACTOR SHALL FURNISH, FOR APPROVAL, A TRAFFIC BARRICADING PLAN AND METHOD OF MAINTAINING PUBLIC CONVEYANCE AND SAFETY THROUGHOUT THE CONSTRUCTION AREA. TRAFFIC BARRICADING PLANS SHALL COMPLY WITH APPLICABLE PORTIONS OF SECTIONS 624 AND 625 OF THE STANDARD SPECIFICATIONS, THE TRAFFIC CONTROL MANUAL AND APPLICABLE CITY ORDINANCES.
- NOTICE: GRADING AUTHORIZED ONLY AFTER PERMITTEE'S FULL COMPLIANCE WITH FEDERAL ENDANGERED SPECIES ACT.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING 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 RECONSTRUCTED SATISFACTORY TO THE ENGINEER AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL NOT REMOVE TREES, SHRUBS, LAWNS, WALLS, FENCES, SIGNS, STRUCTURES, LIGHTS, OR EXISTING IMPROVEMENTS OUTSIDE OF CHANNEL RIGHT-OF-WAY, EXCEPT WHERE REQUIRED TO DO SO BY THE CONTRACT DRAWINGS OR BY THE ENGINEER.
- CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL OVERHEAD INTERFERENCES WHICH MIGHT AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME.

BENCH MARK

CITY OF LAS VEGAS STATION CLV00 17 NES
RIVET & PLATE IN TOP OF CURB. SW RETURN OF
CHEYENNE AVENUE AND RAMPART BLVD.
ELEVATION : 2,448.333



KEY MAP

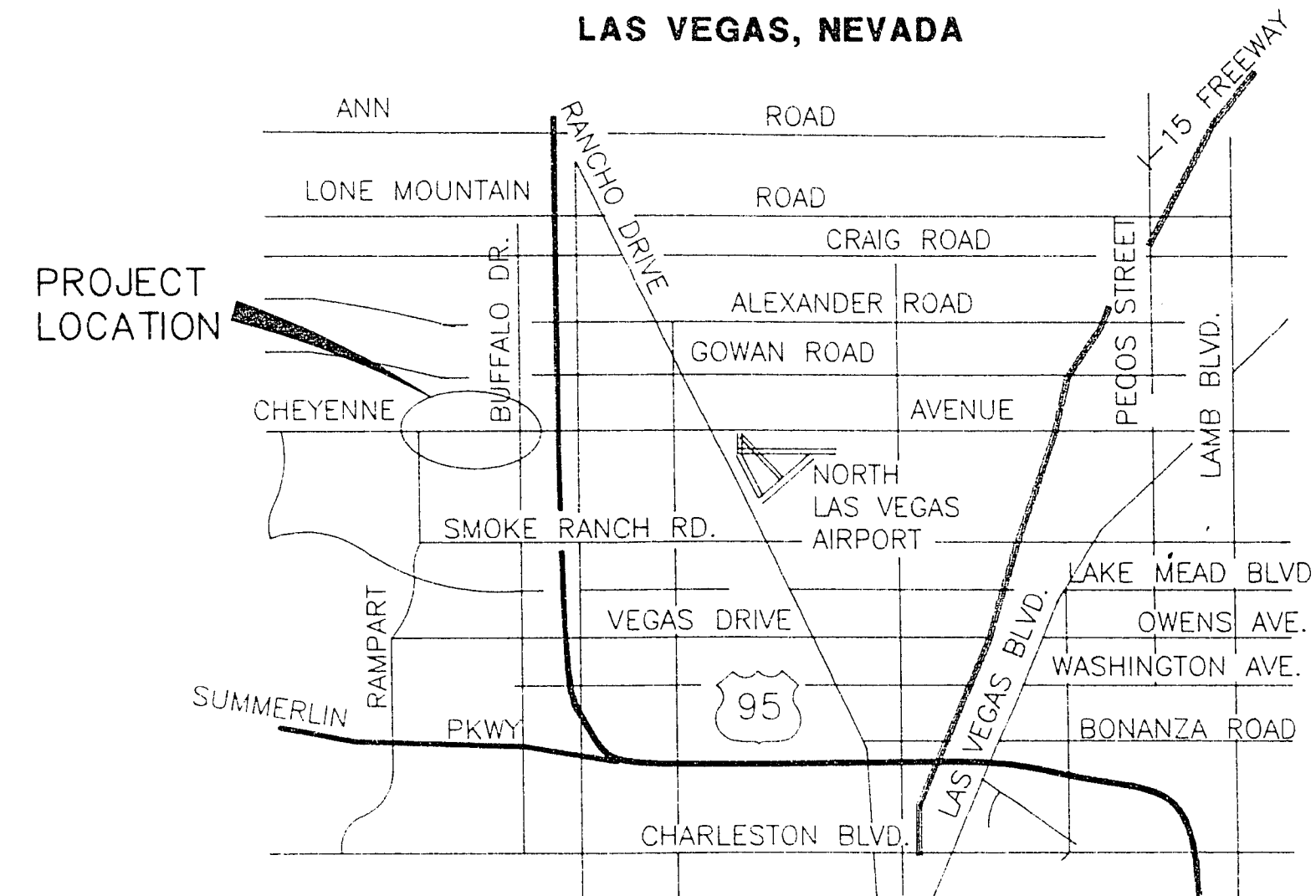
ABBREVIATIONS

A.C.	ASPHALTIC CONCRETE	FL	CHANNEL FLOW LINE	P.V.M.T.	PAVEMENT
ASS'Y	ASSEMBLY	FT.	FOOT OR FEET	R.C.P.	REINFORCED CONCRETE PIPE
A.V.A.R.	COMBINATION AIR VALVE	G.	GRADE	R/W	RIGHT-OF-WAY
BK.	BACK	GR.	GRADE	S	SLOPE
B.V.	BUTTERFLY VALVE	G.B.	GRADE BREAK	STA.	STATION
C.L.V.	CITY OF LAS VEGAS	G.V.	GATE VALVE	STD.	STANDARD
C.L.V.P.W.	PUBLIC WORKS	INV.	DRAIN INVERT ELEVATION	ST.LT.	STREET LIGHT
C & G	CURB & GUTTER	HORIZ.	HORIZONTAL	T.B.	TOP OF BANK
C	CENTER LINE	H.P.G.	HIGH PRESSURE GAS	T.C.	TOP OF CURB
DWG.	DRAWINGS	HYD.	HYDRANT	T. GRT.	TOP OF GRADE ELEV. AT
EL.	ELEVATION	L.V.V.W.D.	LAS VEGAS VALLEY WATER DIST.		DROP INLET
ELL.	ELBOW	M.H.	MANHOLE	TMH	TOP OF MANHOLE
EX. EXIST.	EXISTING	NO.	NUMBER	T.O.C.	TOP OF CONCRETE
FIN.	FINISH	O/S	OFFSET	T.O.H.	TOP OF HEADWALL
F.G.	FINISH GRADE	P.C.	POINT OF CURVATURE	T.W.	TOP OF WALL
F.H.	FIRE HYDRANT	P	PROPERTY LINE	W/	WITH
F.L.	FLOW LINE	P.T.	POINT OF TANGENCY	W.O.	WITHOUT

LEGEND

EXISTING	PROPOSED
--- --- ---	--- --- ---
PROPERTY OR RIGHT-OF-WAY LINE	PROPERTY OR RIGHT-OF-WAY LINE
--- --- ---	--- --- ---
CENTERLINE	CENTERLINE
--- --- ---	--- --- ---
EASEMENT LINE	EASEMENT LINE
--- --- ---	--- --- ---
UGT --- ---	--- --- ---
UNDERGROUND TELEPHONE CABLE	--- --- ---
--- --- ---	--- --- ---
OHT --- ---	--- --- ---
OVERHEAD TELEPHONE CABLE	--- --- ---
--- --- ---	--- --- ---
S --- ---	--- --- ---
EXISTING SANITARY SEWER LINE	--- --- ---
--- --- ---	--- --- ---
W --- ---	--- --- ---
EXISTING WATER LINE	--- --- ---
--- --- ---	--- --- ---
SD --- ---	--- --- ---
EXISTING STORM DRAIN LINE	--- --- ---
--- --- ---	--- --- ---
UGP --- ---	--- --- ---
UNDERGROUND POWER LINE	--- --- ---
--- --- ---	--- --- ---
OHP --- ---	--- --- ---
OVERHEAD POWER LINE	--- --- ---
--- --- ---	--- --- ---
G --- ---	--- --- ---
GAS LINE	--- --- ---
--- --- ---	--- --- ---
1975	--- --- ---
CONTOUR	--- --- ---
--- --- ---	--- --- ---
IMPROVEMENTS - CURB, GUTTER, ETC.	--- --- ---
--- --- ---	--- --- ---
EDGE OF ASPHALT CONC. PAVING	--- --- ---
--- --- ---	--- --- ---
EXISTING SANITARY SEWER MANHOLE	--- --- ---
--- --- ---	--- --- ---
EXISTING WATER VALVE	--- --- ---
--- --- ---	--- --- ---
EXISTING FIRE HYDRANT-PUBLIC	--- --- ---
--- --- ---	--- --- ---
STORM DRAIN INLET	--- --- ---
--- --- ---	--- --- ---
EXISTING ELECTRICAL POWER POLE	--- --- ---
--- --- ---	--- --- ---
EXISTING STREET LIGHT	--- --- ---
--- --- ---	--- --- ---
EXISTING STREET SIGN	--- --- ---
--- --- ---	--- --- ---
EXISTING ELEVATIONS	--- --- ---
--- --- ---	--- --- ---
SECTION CORNER	--- --- ---
--- --- ---	--- --- ---
NEW ELEVATIONS	--- --- ---
--- --- ---	--- --- ---
FUTURE ELEVATIONS	--- --- ---
--- --- ---	--- --- ---
POTHOLE	--- --- ---
--- --- ---	--- --- ---
6' CHAIN LINK FENCE	--- --- ---
--- --- ---	--- --- ---
SCARP	--- --- ---
--- --- ---	--- --- ---
TOP	--- --- ---
TOE	--- --- ---

LAS VEGAS, NEVADA



VICINITY MAP

INDEX OF SHEETS

SHEET NO.	SHEET DESCRIPTION
1	COVER SHEET
2	PROJECT DATA SHEET
3	PLAN & PROFILE - STA. 399+00 TO STA. 408+00
4	PLAN & PROFILE - STA. 408+00 TO STA. 417+00
5	PLAN AND PROFILE - STA. 417+00 TO STA. 426+00
6	PLAN & PROFILE - STA. 426+00 TO STA. 435+00
7	PLAN & PROFILE - STA. 435+00 TO STA. 444+00
8	PLAN & PROFILE STA. 444+00 TO END OF PROJECT
9	TYPICAL SECTIONS & MISC. DETAILS 1
10	TYPICAL SECTIONS & MISC. DETAILS 2

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600

UNDERGROUND SERVICE ALERT (USA)

APPROVALS

SUMMERLIN

BY: *James W. Palmer* DATE: 8/9/93

CITY OF LAS VEGAS

BY: *Dennis Anderson* DATE: 8-12-93
CITY ENGINEER: DENNIS ANDERSON, P.E.

AGENCIES

	REVIEWED BY	DATE
L.V. VALLEY WATER DISTRICT	<i>James W. Palmer</i>	7/12/93
NEVADA POWER CO.	<i>James W. Palmer</i>	8-2-93
CENTRAL TELEPHONE CO.	<i>James W. Palmer</i>	1-12-93
SOUTHWEST GAS CORP.	<i>James W. Palmer</i>	7-30-93
CABLE T.V.	<i>James W. Palmer</i>	7-12-93

G.C. WALLACE, INC.
Engineering/Architecture

SUMMERLIN
CHEYENNE CHANNEL
PROJECT DATA SHEET

SHEET
C-2

SHT 2 OF 10

327-v237