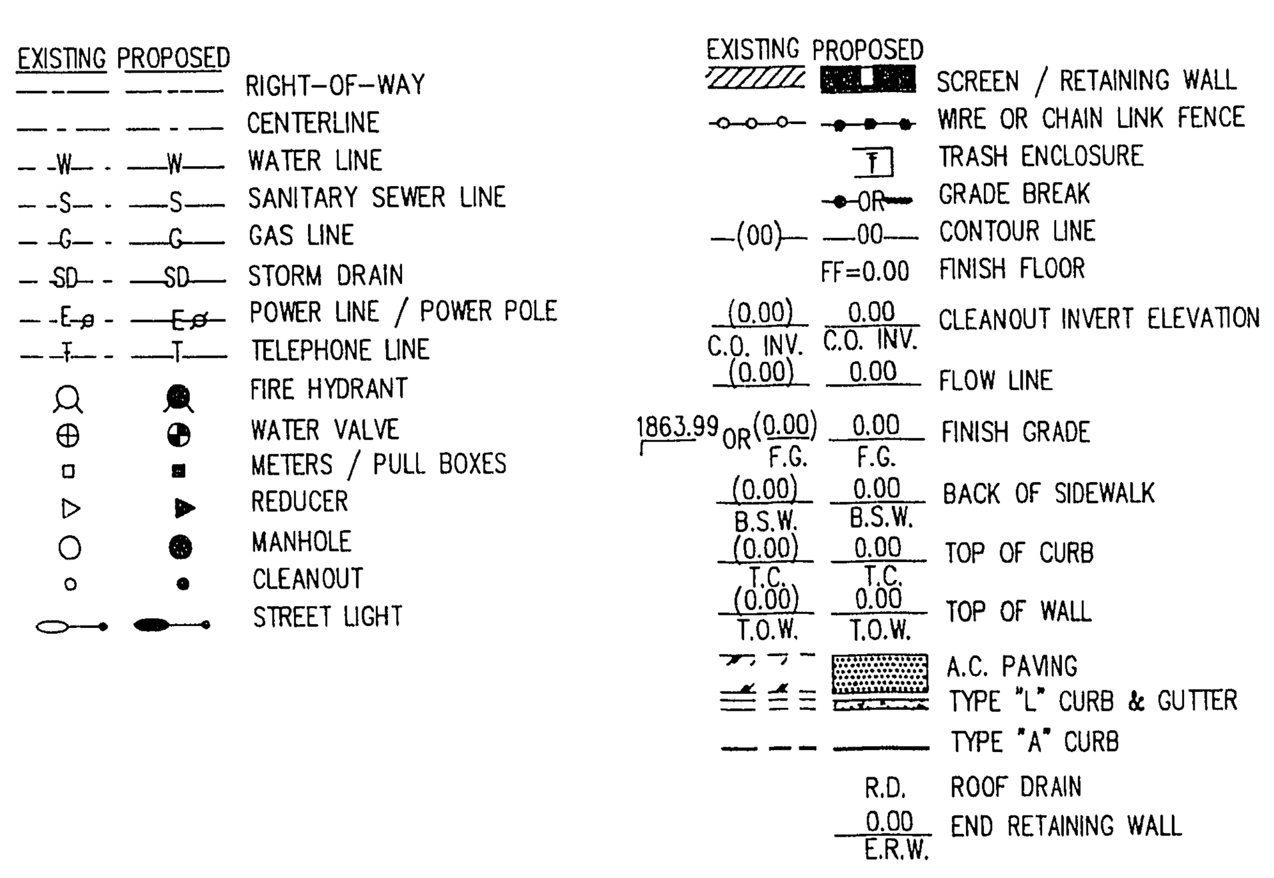
16-2-48

ABBREVIATIONS

A.C.	ASPHALTIC CONCRETE
A.C.P.	ABESTOS CEMENT PIPE
ADJ	ADJUST, ADJUSTABLE
A.L.	ARC LENGTH
B.C.	BEGINNING OF CURB OR BACK OF CURB
B.C.R.	BEGINNING OF CURB RETURN OR BACK OF CURB RADIUS
BDRY.	BOUNDARY
BEG.	BEGIN
B.M.	BENCHMARK
B.S.W.	BACK OF SIDEWALK
B.V.C.	BEGINNING OF VERTICAL CURVE
C&G	CURB AND GUTTER
C.F.	CURB FACE
C.I.P	CAST IRON PIPE
CL	CENTERLINE
C.M.P.	CORRUGATED METAL PIPE
CONC.	CONCRETE
CONSTR.	CONSTRUCT, CONSTRUCTION
D.C.	DEPRESSED CURB
D.I.	DROP INLET
DIA.	DIAMETER
D.I.P.	DUCTILE IRON PIPE
D.M.H.	DROP MANHOLE
E.C.	END OF CURVE
E.C.R.	END OF CURB RETURN
EL.	ELEVATION
E.P.	EDGE OF PAVING
E.V.C.	EDGE OF VERTICAL CURVE
EXIST.	EXISTING
FIN. FLR.	FINISHED FLOOR
FIN. GR.	FINISHED GRADE
F.H.	FIRE HYDRANT
FL	FLOWLINE
G	GAS
GR. BRK.	GRADE BREAK
HGT	HEIGHT
HORIZ.	HORIZONTAL
H.P.	HIGH POINT
I.D.	INSIDE DIAMETER
INV.	INVERT
LS	LANDSCAPE
LAT.	LATERAL
L.F.	LINEAL FEET
LT	LEFT
MAX.	MAXIMUM
M.H.	MANHOLE
MIN.	MINIMUM
N.I.C.	NOT IN CONTRACT
NO.	NUMBER
O.C.	ON CENTER
O.D.	OUTSIDE DIAMETER
P	POWER LINE
P.C.	POINT OF CURVATURE
P.C.C.	POINT OF COMPOUND CURVE
P.G.	PAD GRADE
P.H.P	PLASTIC HIGH PRESSURE
P.I.	POINT OF INTERSECTION
PL	PROPERTY LINE
P.P.	POWER POLE
P.R.C.	POINT OF REVERSE CURVE
PROP.	PROPOSED
P.T.	POINT OF TANGENT
P.V.C	POLYVINYL CHLORIDE PIPE
P.V.I	POINT OF VERTICAL INTERSECTION
PVMT.	PAVEMENT
Q	RATE OF FLOW
RAD.	RADIUS
R.C.P.	REINFORCED CONCRETE PIPE
RT	RIGHT
R/W	RIGHT OF WAY
S	SOUTH, SANITARY SEWER
S.D.	STORM DRAIN
S.H.P	STEEL HIGH PRESSURE
SHT.	SHEET
SP. MH	SPECIAL MANHOLE
STA.	STATION
STD.	STANDARD
STL.	STEEL
SW	SIDEWALK
T	TANGENT DISTANCE
TEL.	TELEPHONE
T.C.	TOP OF CURB
T.O.C.	TOP OF CONCRETE
T.M.H.	TOP OF MANHOLE
T.O.W.	TOP OF WALL
TRANS.	TRANSITION
T.S.C.	TRAFFIC SIGNAL CONDUIT
T.S.W.	TOP OF SIDEWALK
V.C.	VERTICAL CURVE
V.C.P.	VITRIFIED CLAY PIPE
VERT.	VERTICAL
V.G.	VALLEY GUTTER
W.	WEST, WATER

SYMBOLS LEGEND



SHEET INDEX

GENERAL NOTES

CITY OF LAS VEGAS GENERAL NOTES

*REQUIRED NOTES – OTHERS ONLY IF APPLICABLE

*1. 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".

*2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. EXISTING UTILITY SERVICE LATERALS MAY NOT BE SHOWN ON THE PLANS. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD OR UNDERGROUND POWER, GAS AND/OR OTHER UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COSTS AND LIABILITY IN CONNECTION THEREWITH.

*3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY 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.

4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.

*5. TYPE V CEMENT SHALL BE USED IN ALL OFF-SITE CONCRETE WORK. CONCRETE TO BE 3000 P.S.I. MINIMUM AT 28 DAYS. MIX DESIGN TO BE APPROVED BY THE QUALITY CONTROL DIVISION PRIOR TO USE ON THE PROJECT.

6. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC RIGHT-OF-WAY. THE CONTRACT SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.

7. EXPANSION JOINTS REQUIRED, MAXIMUM EVERY 300' IN EXTRUDED TYPE CURB.

8. AC PAVEMENT TO BE 1/2" ABOVE LIP OF ALL GUTTERS AFTER COMPACTION, EXCEPT AT SIDEWALK RAMPS.

9. APPLY FOG SEAL ONLY AFTER ALL CORRECTIONS AND ADJUSTMENTS HAVE BEEN MADE.

10. 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.

*11. SIDEWALK RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS MAY BE ADJUSTED IN THE FIELD BY A CITY INSPECTOR.

*12. 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.

13. 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.

14. 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.

*15. 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.

*16. 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.

17. WALL NOTES:

A. ALL WALLS, NEW OR EXISTING, ARE ONLY SHOWN FOR THE PURPOSE OF GRADING RELATIONSHIPS.

B. THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CLV BUILDING DEPARTMENT.

18. ASPHALT MIX DESIGN MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT ON CITY STREETS. WHERE 0.4% IS REQUIRED.

REVISED 12/92 013M

19. CONTRACTOR IS TO OBTAIN AN ENCROACHMENT PERMIT FROM CLARK COUNTY PRIOR TO BEGINNING ANY WORK IN COUNTY R/W. (2)

BENCHMARK:

THE BENCHMARK FOR THIS SURVEY IS .C.C.E.D. BENCH # 7C10-1SWW6, BEING A BOLT AND PLATE AT THE NORTHEAST CORNER OF JONES AND O'BANNON.

ELEVATION: 2288.86'

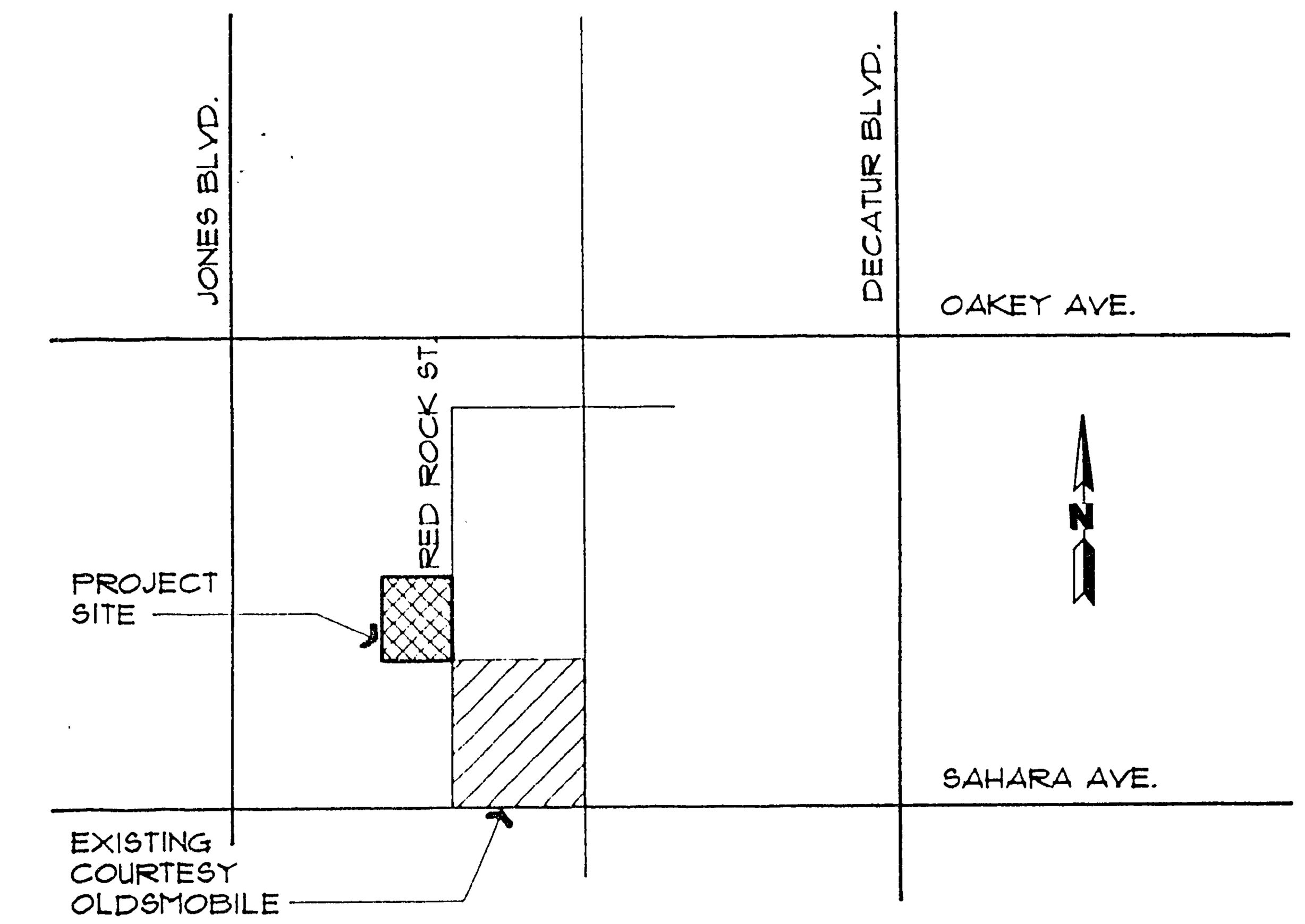
DEVIATION FROM STANDARDS:

1.) FLOWLINE GRADE OF VALLEY GUTTER IS 0.2% AT BOTH ENTRANCES, WHEREAS CLV REQUIRES A FLOWLINE OF 0.5%.

2.) FLOWLINE GRADE OF THE ENTIRE WEST CURB & GUTTER FRONTING PROJECT IS 0.2%.

3.) 20' RADIUS ON SOUTH CURBS OF DRIVEWAYS

VICINITY MAP



OWNER: ____________ DATE: ____

GEN. CONTRACTOR: ____________ DATE: ____

APPROVALS

[signature] 4-15-93
CENTRAL TELEPHONE COMPANY DATE

[signature] 4/15/93
SOUTHWEST GAS CORPORATION DATE

NEVADA POWER COMPANY approves the point of service to the street light system. This shall not be deemed to consent other placement of the light poles which may be in conflict with Nevada Power Company's prior rights or facilities. This approval is only for the placement and clearance of street light and signal light installations.

by [signature] 4/15/93
NEVADA POWER COMPANY DATE

APPROVED FOR CONSTRUCTION:

SEE SHT. 2 of 4
LAS VEGAS VALLEY WATER DISTRICT DATE

R. [signature] 4-16-93
CLV FIRE MARSHALL DATE

[signature] 5-12-94
DENNIS ANDERSON, P.E. NO. 9160 DATE
C.L.V. CITY ENGINEER

[signature] 5-12-93

COURTESY OLDSMOBILE STORAGE PARKING LOT

COVER AND APPROVAL SHEET

Swisher & Hall AIA, LIMITED
Architecture and Planning

MARTIN & MARTIN
CIVIL ENGINEERS
1701 W. CHARLESTON BLVD
SUITE 420
LAS VEGAS, NEVADA 89102
PHONE (702) 388-8005

no	description of revisions	date	name
1	REVISIONS PER CLV & CC	5-4-94	W.S.C.
2	ADD NOTE 19	6-30-94	W.S.C.

date 2-26-93
job number 1157.01
design by M. FAKLER
drawn by R. YOUNG
checked by J. DAVIS

project ____ job no. ____
project manager ____ sheet no. ____
designed by ____
drawn by ____

sheet number

1 OF 5

107-V2215