

(1) 2" (2) 8" REDUCED PRESSURE PRINCIPLE ASSEMBLY APPROVED REDUCED PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A OR 11B. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY LVVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. (2) 8" STUBS

ABANDON VALVE CUT AND CAP WITHIN RIGHT-OF-WAY ALL VALVES TO BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP 12 INCHES OF THE VALVE BOX AND THEN FILLING THE REMAINING PORTION OF THE VALVE BOX WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST 2,000 PSI.

THE CONTRACTOR SHALL CUT THE EXISTING PIPE WITHIN THE RIGHT-OF-WAY OR EASEMENT BOUNDARY AND INSTALL A CAP WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION. THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH THE DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.

INSTALLATION OF METER AND VAULT THE METER(S) AND VAULT(S) WITH NON-Traffic BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 21 D AND WITH THE STANDARD VAULT DRAWING C-475, LATEST REVISION.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S) FROM THE ADJACENT RIGHT-OF-WAY.

CONSTRUCTION NOTES:

- REMOVE EXISTING PLUG AND JOIN EXISTING 8" WATER LINE
- CONSTRUCT COMBINATION FIRE AND DOMESTIC SERVICE METER, 6" X 3" FMCT, HERSEY MODEL OR APP. EQ. WITHOUT BY-PASS AND WITHOUT DCVA PER UDS PLATE NO. 21D
- CONSTRUCT UNDERGROUND VAULT PER LAS VEGAS WATER VALLEY DISTRICT STD. C-475.
- CONSTRUCT 8" RPPA (REDUCED PRESSURE PRINCIPLE ASSEMBLY) PER UDS PLATE NO. 11B
- LOCATE STUB IN FIELD (APPROX. STA. 0+02.00). REMOVE PLUG AND CONNECT TO EXISTING 8" STUB
- CONSTRUCT 2" IRRIGATION SERVICE AND 2" METER PER UDS PLATE NO. 1D
- CONSTRUCT 2" R.P.P.A. (REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY), HERSEY MODEL OR APPROV. EQ. PER UDS PLATE NO. 11A

- SEWER CONSTRUCTION NOTES
- REMOVE PLUG AND JOIN EXISTING 8" P.V.C. SEWER WITH MISSION RUBBER CO. FLEX-SEAL COUPLING PER ASTM C-425 AND ASTM C-1173 OR APP. EQ.
 - CONSTRUCT 8" P.V.C. MAIN LINE, A.S.T.M. D-3034, S.D.R. 35 WITH ELASTOMERIC GASKET JOINTS PER ASTM F-477 WITH PIPE BEDDING PER SD-11 AND BACKFILL PER SD-16
 - CONSTRUCT SEWER MANHOLE PER CITY OF LAS VEGAS, STD. DWG. SD-1, SD-2, SD-3B, SD-6 & SD-7 WITH P.V.C. PIPE MANHOLE COUPLING PER SD-9 & STEPS PER SD-5
 - CONSTRUCT SEWER LATERAL PER CITY STD. SD-17
 - CONSTRUCT SEWER LATERAL PER CITY STD. SD-12, METHOD "A"
 - CONSTRUCT SEWER CLEANOUT PER SECTION 707.0 AND 719.0 OF THE PLUMBING CODE
 - CONSTRUCT TRENCH BACKFILL PER USD 503 WITH MIN. PAVT PATCH OF 4.0'
 - RECONSTRUCT CONCRETE CROSS PER USD 228

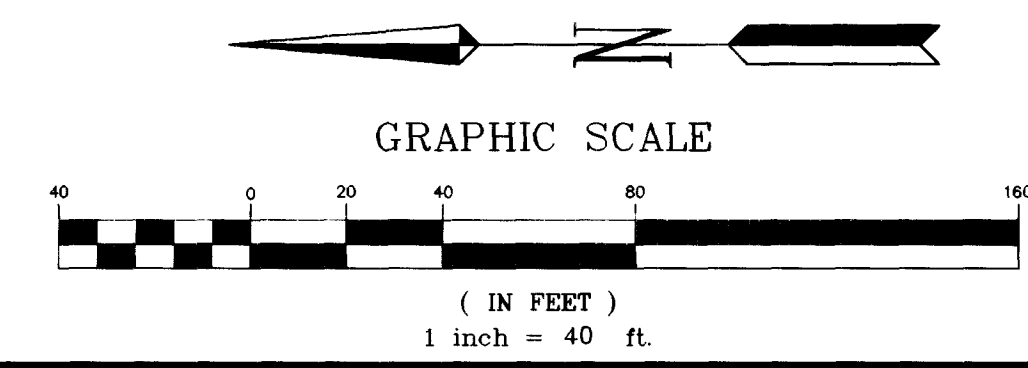
LEGEND:

AC	ASPHALT CONCRETE	FW	FIRE HYDRANT	---	PROPERTY LINE
BW	BACK OF WALK	FL	FLOWLINE	---	CENTERLINE
CB	CATCH BASIN	IN	INVERT	---	LOT LINES
CF	CURB FACE	IS	LAND SURVEYOR	---	WALL
CL	CENTERLINE	P.B.	PULLBOX	---	CHAIN LINK FENCE
C.L.	CHAIN LINK FENCE	P.L.	PROPERTY LINE	---	OVERHEAD LINE
CONC	CONCRETE	PLN	PLANTER	---	GAS LINE
DEED	DEED	P.V.M.	PAVEMENT	---	EXISTING SEWER LINE
ELEC	ELECTRIC	P.V.C.	POLYVINYL CHLORIDE PIPE	---	UNDERGRD. STORM DRAIN LINE
EP	EDGE OF PAVEMENT	S.S.M.	STANDARD SURVEY MONUMENT	---	EXISTING ELEC CONDUIT
ESMT.	EASEMENT	TC	TOP OF CURB	---	EXISTING TELEPHONE LINE
FD	FOUND	TG	TOP OF GRATE	---	EXISTING WATER LINE
FF	FINISH FLOOR	WL	WROUGHT IRON	---	PROPOSED WATER LINE
FL	FLOWLINE			---	PROPOSED SEWER LINE
IN	INVERT			---	PROPOSED TELEPHONE LINE
IS	LAND SURVEYOR			---	PROPOSED WATER SERVICE
P.B.	PULLBOX			---	PROPOSED FIRE HYD.
P.L.	PROPERTY LINE			---	PROPOSED POST INDICATOR VALVE
PLN	PLANTER			---	PROPOSED GATE VALVE
P.V.M.	PAVEMENT			---	PROPOSED FIRE DEPT. CONNECTION
P.V.C.	POLYVINYL CHLORIDE PIPE			---	PROPOSED REDUCED PRINCIPLE ASSEMBLY
S.S.M.	STANDARD SURVEY MONUMENT				
TC	TOP OF CURB				
TG	TOP OF GRATE				
WL	WROUGHT IRON				

UNDERGROUND SERVICE ALERT
1-800-227-2660

Call before you Dig
STATE OF NEVADA
CALL TOLL FREE
1-800-227-2600
TWO WORKING DAYS BEFORE YOU DIG.

DATE: 4/26/99
L.V.V.W.D.



- CONSTRUCTION NOTES:
- PUBLIC SYSTEM BEING MAINTAINED BY L.V.W.M.D.
 - REMOVE EXISTING PLUG AND JOIN EXISTING 8" WATER LINE
 - CONSTRUCT COMBINATION FIRE AND DOMESTIC SERVICE METER, 6" X 3" FMCT, HERSEY MODEL OR APP. EQ. WITHOUT BY-PASS AND WITHOUT DCVA PER UDS PLATE NO. 21D
 - CONSTRUCT UNDERGROUND VAULT PER LAS VEGAS WATER VALLEY DISTRICT STD. C-475.
 - CONSTRUCT 8" RPPA (REDUCED PRESSURE PRINCIPLE ASSEMBLY) PER UDS PLATE NO. 11B
 - LOCATE STUB IN FIELD (APPROX. STA. 0+02.00). REMOVE PLUG AND CONNECT TO EXISTING 8" STUB
 - CONSTRUCT 2" IRRIGATION SERVICE AND 2" METER PER UDS PLATE NO. 1D
 - CONSTRUCT 2" R.P.P.A. (REDUCED PRESSURE PRINCIPLE BACKFLOW ASSEMBLY), HERSEY MODEL OR APPROV. EQ. PER UDS PLATE NO. 11A
 - PRIVATE WATER SYSTEM
 - CONSTRUCT 8" P.V.C. WATERLINE CL. 150 DR 18 PER AWWA C900 WITH ELASTOMERIC GASKET PER ASTM F477 WITH D.I. FITTINGS PER AWWA C110 OR C153, CML AND COATED
 - CONSTRUCT 6" P.V.C. WATERLINE CL. 150 DR 18 PER AWWA C900 WITH ELASTOMERIC GASKET PER ASTM F477 WITH D.I. FITTINGS PER AWWA C110 OR C153, CML AND COATED
 - CONSTRUCT FIRE HYDRANT PER UNIFORM DESIGN STD. PLATE NO. 7
 - CONSTRUCT 8" GATE VALVE WITH N.R.S., RESILIENT SEAT AND VALVE BOX PER UNIFORM DESIGN STD. NO. 8
 - CONSTRUCT 4" D.I.P. WATERLINE CL. 150
 - CONSTRUCT F.D.C., FIRE DEPT. CONNECTION WITH WAFER CHECK VALVE
 - CONSTRUCT POST INDICATOR VALVE
 - CONSTRUCT 8" X 8" X 6" TEE, H X H X F
 - CONSTRUCT BLIND FLANGE AND THRUST BLOCK
 - CONSTRUCT 2" COPPER TUBING, TYPE K
 - CONSTRUCT 6" GATE VALVE WITH N.R.S., RESILIENT SEAT AND VALVE BOX PER UNIFORM DESIGN STD. NO. 8

AMERICAN STORES PROPERTIES, INC.
299 SOUTH MAIN 17N-34
SALT LAKE CITY, UTAH 84111
TEL. NO. (801) 961-3923

SEABOARD ENGINEERING CO.
1100 S. BEVERLY DRIVE
LOS ANGELES, CALIFORNIA 90035
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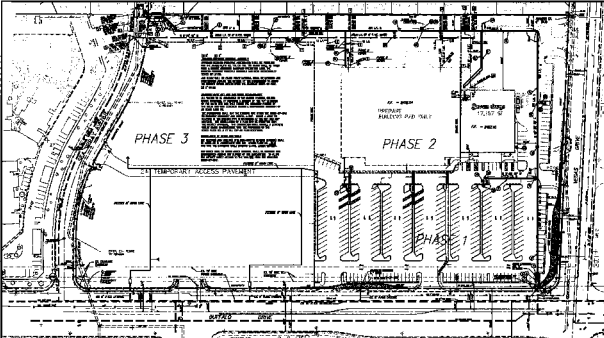
ON-SITE UTILITY PLAN
WATER & SEWER LINES

LUCKY/SAV-ON SHOPPING CENTER
N.E.C. OF BUFFALO DR. & VEGAS DR.

3/01/99
3/01/99
3/01/99
N.T.S.

DATE: 4/26/99

SHEET C-10 OF 15 SHEETS
DRAWING NO. 107-V3009



PHASE 3

PHASE 3 CONSTRUCTION NOTES:
 1. ALL EXISTING UTILITIES SHALL BE MAINTAINED AND PROTECTED.
 2. ALL NEW UTILITIES SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRICAL CODE (NEC) AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CODES.
 3. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL BUILDING CODE (IBC) AND THE INTERNATIONAL PLUMBING CODE (IPC).
 4. ALL FOUNDATIONS SHALL BE CONSTRUCTED ON A MINIMUM OF 12" OF COMPACTED GRANULAR FILL OVER THE NATURAL GROUND.
 5. ALL ROOFS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE INTERNATIONAL ROOFING CONSTRUCTION CODE (IRCC).
 6. ALL EXTERIOR WALLS SHALL BE CONSTRUCTED WITH A MINIMUM OF 8" OF CONCRETE OR 12" OF BRICK WITH A MINIMUM OF 1/2" OF AIR SPACE ON BOTH SIDES.
 7. ALL INTERIOR WALLS SHALL BE CONSTRUCTED WITH A MINIMUM OF 5/8" OF GYPSUM BOARD OVER A MINIMUM OF 2" OF STUDS.
 8. ALL FLOORS SHALL BE CONSTRUCTED WITH A MINIMUM OF 4" OF CONCRETE OVER A MINIMUM OF 2" OF INSULATION.
 9. ALL CEILING SHALL BE CONSTRUCTED WITH A MINIMUM OF 5/8" OF GYPSUM BOARD OVER A MINIMUM OF 2" OF STUDS.
 10. ALL ROOFING SHALL BE CONSTRUCTED WITH A MINIMUM OF 2" OF INSULATION OVER A MINIMUM OF 1/2" OF GYPSUM BOARD.

Drum storage
 17,187 SQ.
 FT. - 1988

PHASE 2

PHASE 1

PHASE 3

TEMPORARY ACCESS PAVEMENT

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- GENERAL NOTES:**
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 1000 WEST 10TH AVENUE
 DENVER, COLORADO 80202
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 FAX: (303) 733-1112

DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DATE: 10/15/88

PROJECT: [Signature]
SCALE: AS SHOWN

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