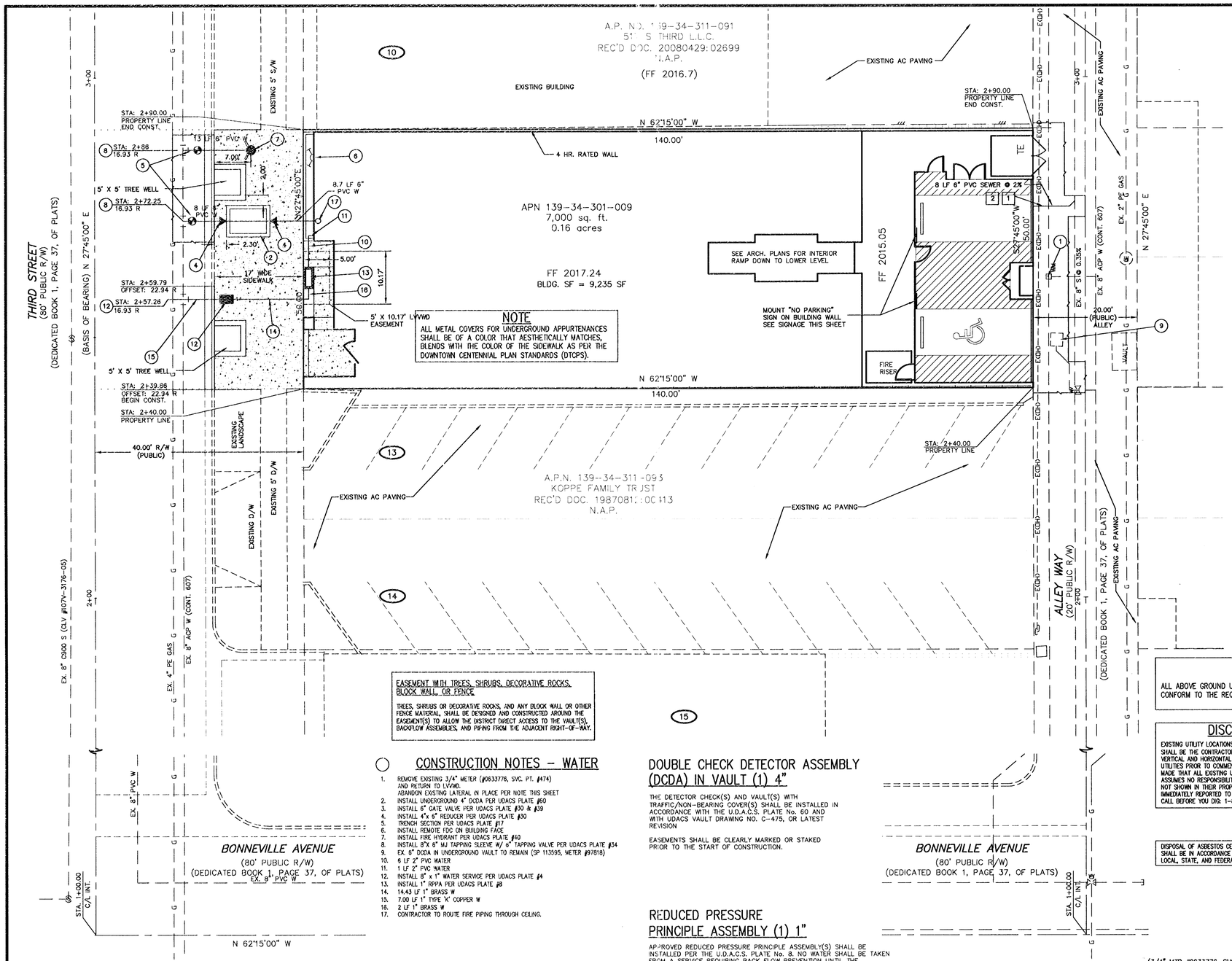
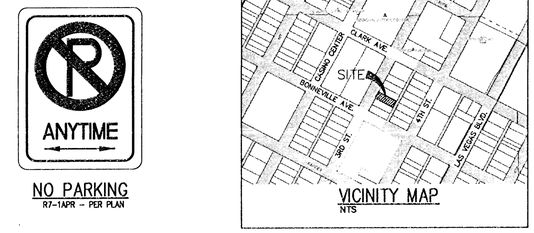
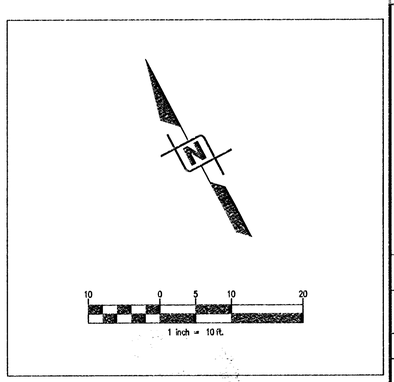




VICINITY MAP
NTS



NO PARKING

R7-1APR – PER PLAN

NOTE

ALL METAL COVERS FOR UNDERGROUND APPURTENANCES SHALL BE OF A COLOR THAT AESTHETICALLY MATCHES, BLENDS WITH THE COLOR OF THE SIDEWALK AS PER THE DOWNTOWN CENTENNIAL PLAN STANDARDS (DTCPS).

EASEMENT WITH TREES, SHRUBS, DECORATIVE ROCKS, BLOCK WALL, OR FENCE

TREES, SHRUBS OR DECORATIVE ROCKS, AND ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT(S), BACKFLOW ASSEMBLIES, AND PIPING FROM THE ADJACENT RIGHT-OF-WAY.

CONSTRUCTION NOTES – WATER

1. REMOVE EXISTING 3/4" METER (#0633776, SVC. PT. #474) AND RETURN TO LVVWD. ABANDON EXISTING LATERAL IN PLACE PER NOTE THIS SHEET
2. INSTALL UNDERGROUND 4" DCDA PER UDACS PLATE #60
3. INSTALL 6" GATE VALVE PER UDACS PLATE #30 & #39
4. INSTALL 4"x 6" REDUCER PER UDACS PLATE #30
5. TRENCH SECTION PER UDACS PLATE #17
6. INSTALL REMOTE FDC ON BUILDING FACE
7. INSTALL FIRE HYDRANT PER UDACS PLATE #40
8. INSTALL 8"X 6" MJ TAPPING SLEEVE W/ 6" TAPPING VALVE PER UDACS PLATE #34
9. EX. 6" DCDA IN UNDERGROUND VAULT TO REMAIN (SP 113595, METER #97818)
10. 6 LF 2" PVC WATER
11. 1 LF 2" PVC WATER
12. INSTALL 8" x 1" WATER SERVICE PER UDACS PLATE #4
13. INSTALL 1" RPPA PER UDACS PLATE #8
14. 14.43 LF 1" BRASS W
15. 7.00 LF 1" TYPE 'K' COPPER W
16. 2 LF 1" BRASS W
17. CONTRACTOR TO ROUTE FIRE PIPING THROUGH CEILING.

DOUBLE CHECK DETECTOR ASSEMBLY (DCDA) IN VAULT (1) 4"

THE DETECTOR CHECK(S) AND VAULT(S) WITH TRAFFIC/NON-BEARING COVER(S) SHALL BE INSTALLED IN ACCORDANCE WITH THE U.D.A.C.S. PLATE No. 60 AND WITH UDACS VAULT DRAWING NO. C-475, OR LATEST REVISION

EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1"

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE U.D.A.C.S. PLATE No. 8. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACK FLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY LAS VEGAS VALLEY WATER DISTRICT.

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. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

FIRE FLOW DATA – UFC APPENDIX III-A as amended

	RETAIL BUILDING
BUILDING HEIGHT	33.75'
OCCUPANCY CLASSIFICATION	B (OFFICE)
CONSTRUCTION CLASSIFICATION	TYPE V-B
FLOOR AREA – 1st FLOOR	5,709 SF
2nd FLOOR	2,604 SF
TOTAL AREA	9,235 TOTAL SF
SPRINKLERED	YES
ESTIMATED FIRE FLOW	1,500 GPM
PILED STORAGE	NO
NUMBER OF STORIES	2

CONSTRUCTION NOTES – SEWER

1. TRENCH SECTION PER DCSWCS DWG SD-17
2. EX. 4" S LATERAL TO BE REMOVED AND REPLACED WITH 6" SEWER LATERAL @ 2% MIN. SLOPE PER DCSWCS DWG SD-22 AND SD-25

WATER QUANTITIES

ITEM	PUBLIC	PRIVATE
4" DCDA (FIRE)	1 EA	---
6" PVC WATER LINE	8 LF	8.7 LF
FIRE HYDRANT	1 EA	---
1" BRASS	16.43 LF	---
1" TYPE 'K' COPPER	7 EA	---
1" RPPA	1 EA	---
1" METER	1 EA	---
2" PVC WATER	---	7 LF
4"X6" REDUCER	2 EA	---

SEWER QUANTITIES

ITEM	PRIVATE
6" PVC SEWER	8 LF

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES
MANAGER PROJECT #116233 DATE: 4-18-11
(SHEETS C1, C2, C6)

CITY OF LAS VEGAS FIRE DEPT. APPROVED

4/18/11
DATE

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FIRE FLOW: 1,500 GPM AT 20 P.S.I. RESIDUAL.

(3/4" MTR #0633776, SVC. PT. #474)

ABANDONMENT OF EXISTING SERVICE(S) – 2" AND SMALLER

THE CONTRACTOR SHALL NOTIFY THE INSPECTION DIVISION AT THE LVVWD (702-258-3227) 48 HOURS PRIOR TO THE REQUESTED REMOVAL TIME TO ALLOW THE DISTRICT TO TAKE THE FINAL METER READING. AFTER THE FINAL READING THE CONTRACTOR MAY THEN BEGIN REMOVAL PROCEDURES FOR THE AFFECTED SERVICES AS FOLLOWS:
EXISTING SERVICE LATERALS THAT ARE TO BE ABANDONED FROM THE EXISTING WATER MAINS SHALL HAVE THE CORPORATION STOPS TURNED OFF AT THE MAIN, A MINIMUM OF TWELVE (12) INCHES OF THE LATERAL CUT OUT NEAR THE CORPORATION STOPS, AND A BRASS CAP INSTALLED ON THE CORPORATION STOP. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, IN A MANNER APPROVED BY THE DISTRICT. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVVWD COMMUNICATION SUPPORT CENTER (702-258-7171) FOR FURTHER DIRECTION.
THE CONTRACTOR SHALL REMOVE THE EXISTING SERVICE METER BOX AND APPURTENANCES, FILL AND GRADE ANY AND ALL RESULTING VOIDS, AND REPLACE OR RESTORE TO ORIGINAL CONDITIONS OR BETTER, ALL LANDSCAPING, IRRIGATION SYSTEMS, CONCRETE, SIDEWALKS, ASPHALT, OR ANY OTHER ITEMS DAMAGED OR REMOVED DURING THE REMOVAL OF THE EXISTING SERVICE METER BOX.

THE EXISTING METER SHALL BE RETURNED TO LVVWD.

NOTE

ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.12.040.

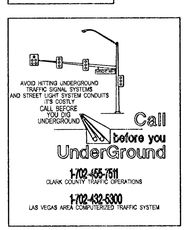
DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDER- GROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER.
CALL BEFORE YOU DIG: 1-800-227-2600.

DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.
Call before you OVERHEAD
1-702-593-6111
NEVADA POWER OVERHEAD AND SAFETY SERVICES DEPARTMENT

Call before you Dig
Avoid cutting underground utility lines. We'll notify:
Call 811
OR
1-800-227-2600
AND
CLARK COUNTY TRAFFIC OPERATIONS
1-702-455-7544



BASIS OF BEARING

CENTERLINE OF THIRD STREET BETWEEN BONNEVILLE AVENUE AND CLARK AVENUE. SOUTH 27°45'00" WEST, AS PER SUBDIVISION MAP BOOK 1, PAGE 37, CLARK COUNTY NEVADA RECORDS.

LEGAL DESCRIPTION

A.P. No. 139-34-311-092

LOTS ELEVEN (11) AND TWELVE (12) IN BLOCK TWENTY SIX (26) OF CLARK'S LAS VEGAS TOWNSITE, AS SHOWN BY MAP THEREOF ON FILE IN BOOK 1 OF PLATS, PAGE 37, IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA

CONTAINING 7,000 SQ. FT. OR 0.16 AC., MORE OR LESS.

BENCHMARK

MONUMENT ID – 1LV134W4

RIVET WITH PLATE IN CURB AT NORTHEAST CORNER OF MAIN STREET AND BONNEVILLE AVENUE

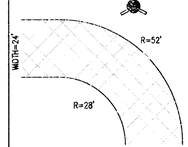
ELEVATION 2028.66 (NAVD 88)

METERS X (2937/1200) = U.S. SURVEY FEET

1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET.

LEGEND

- PROPOSED SEWER LINE
- PROPOSED FIRE WATER LINE
- PROPOSED DOMESTIC WATER LINE
- PROPOSED SEWER CLEAN OUT
- PROPOSED SEWER MANHOLE
- EXISTING SEWER MANHOLE/CLEANOUT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- EXISTING GAS LINE
- EXISTING STREET LIGHT
- PROPOSED STREET LIGHT
- EXISTING WATER OR SEWER CAP
- PROPOSED WATER OR SEWER CAP
- EXISTING FIRE HYDRANT
- PROPOSED FIRE HYDRANT
- FIRE ACCESS ROUTE



*ALL DIMENSIONS ARE TO BACK OF CURB UNLESS NOTED OTHERWISE

WRIGHT engineers
7425 PEAK DRIVE LAS VEGAS, NEVADA 89128
p 702.933.7000 f 702.933.7001 800.933.7411
WRIGHTENGINEERS.COM
LAS VEGAS :: IRVINE :: PHOENIX :: SALT LAKE

REV	DATE	BY	REVISION

MURDOCK & ASSOCIATES, CHTD.
1325 SOUTH 4TH STREET
LAS VEGAS, NV. 89191
TEL (702) 384-3563 FAX (702) 384-6570

CHECK NO. 1 RDC DATE: 10-21-09
CHECK NO. 2 DATE:

MURDOCK & ASSOCIATES, CHTD.
521 S. THIRD STREET OFFICE
UTILITY PLAN

DATE: 10-21-09
DRAWN BY: RDC
PROJECT MGR: RDC
PROJECT NO: 090681
SCALE: AS SHOWN

PROFESSIONAL ENGINEER STATE OF NEVADA
JEREMY S. McCAY
Exp: 12/31/11
CIVIL
No. 15797
4-18-11

SHEET
C6
6 OF 9 SHEETS
DRAWING NO.

HANSEN #36855

10105639