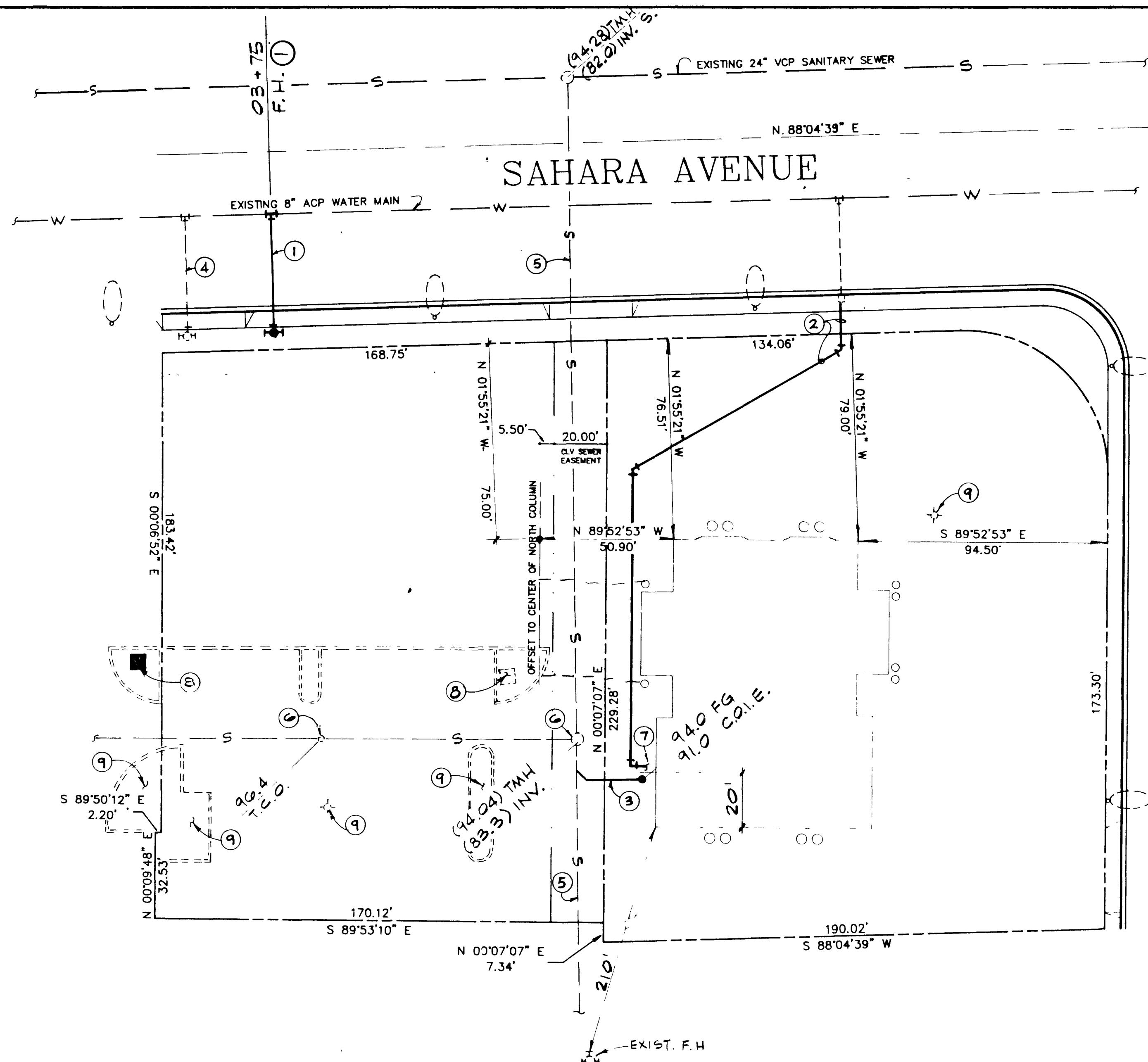


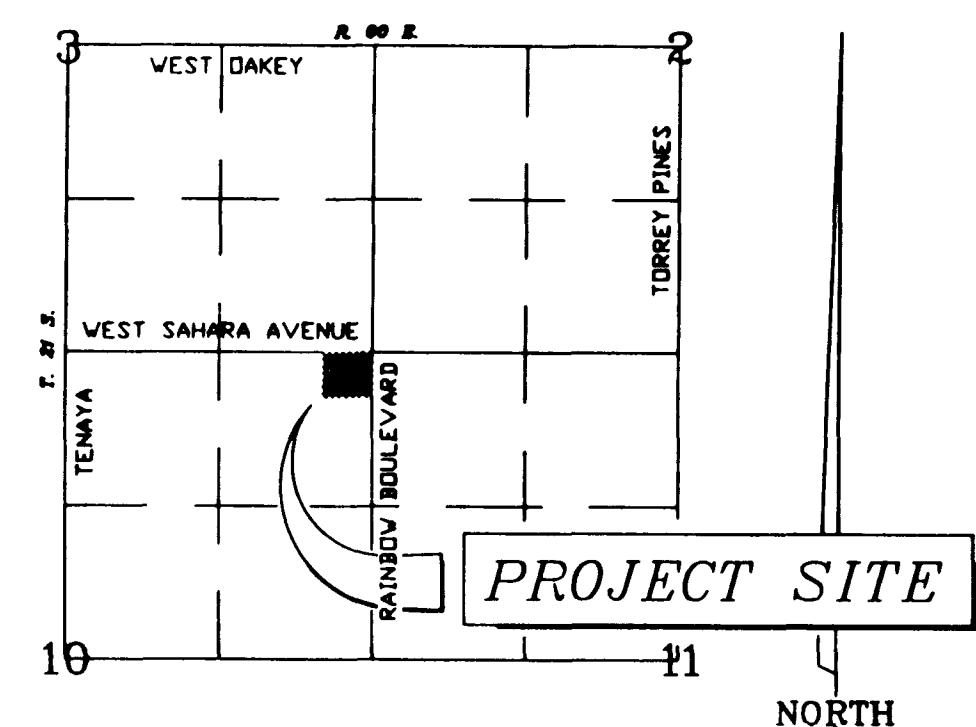


RAINBOW BOULEVARD

NORTH
1" = 30'

FIRE DATA

SQUARE FOOTAGE	8900 SQUARE FEET
NUMBER OF STORIES	ONE
TYPE OF CONSTRUCTION	TYPE V - NON RATED
SEPARATION WALLS	NONE
SPRINKLERS	NONE
FIRE FLOW ESTIMATE	2500 GPM



VICINITY MAP

UTILITY NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND 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. CALL BEFORE YOU DIG: 1-800-227-2600

APPROVALS

COUNTY OF CLARK
FIRE DEPARTMENT

APPROVED BY: _____

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 _____ GPM AT 20 PSI RESIDUAL.

CLARK COUNTY
DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION

ACCEPTANCE OF PLANS FOR FILING

BY: _____

ACCEPTANCE OF THESE PLANS FOR FILING 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 AND/OR SPECIFICATIONS. CLARK COUNTY SHALL BE HELD FREE FROM DAMAGES WHICH MAY RESULT FROM THIS CONSTRUCTION OF THE IMPROVEMENTS FROM THE ENGINEERING DESIGN DEPICTED HEREIN.

NOTE: POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO CLARK COUNTY.

NEVADA POWER COMPANY _____ DATE _____

LAS VEGAS VALLEY WATER DISTRICT _____ DATE _____

CITY OF LAS VEGAS ENGINEER _____ DATE _____
PROJECT RECEIVES SEWER SERVICES FROM CITY OF LAS VEGAS

CLARK COUNTY ELECTRICAL DIVISION _____ DATE _____

FIRE DEPARTMENT NOTES

- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH CLARK COUNTY STANDARD SPECIFICATIONS.
- ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CLARK COUNTY FIRE DEPARTMENT "HYDRANT SPECIFICATIONS" AND "HYDRANT INSTALLATION SPECIFICATIONS".
- ON ANY NEW HOME OR BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE ACTUAL CONSTRUCTION COMMENCES AND SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH AN ADEQUATE WATER SUPPLY.
- PAINTING OF CURBS AND/OR STRIPING OF ASPHALT AREAS AND PROTECTION OF HYDRANTS FROM PHYSICAL INJURY PER CLARK COUNTY FIRE DEPARTMENT "HYDRANT INSTALLATION SPECIFICATION" SHALL BE COMPLETED BEFORE APPROVAL OF THE HYDRANTS BY THE CLARK COUNTY FIRE DEPARTMENT CAN BE OBTAINED.
- NO FIRE HYDRANT SHALL BE LOCATED WITHIN 15' OF A DRIVEWAY, 6' OF A POWER POLE, LIGHT STANDARD OR OTHER OBSTRUCTION. FOR WALL, FENCE AND PLANTER LOCATIONS, CLEARANCES SHALL BE AS NOTED.
 - FOR AN OBSTRUCTION THAT IS NO HIGHER THAN THE BOTTOM OF THE LOWEST OUTLET WITH CAP ON, A 24" CLEARANCE FROM THE CENTER OF THE HYDRANT IN THE BACK AND TO EACH SIDE IS REQUIRED. THE FRONT SHALL NOT BE OBSTRUCTED.
 - FOR AN OBSTRUCTION THAT IS NO HIGHER THAN THE HYDRANT BUT IS ABOVE THE BOTTOM OF THE LOWEST OUTLET WITH CAP ON, A 24" CLEARANCE IS REQUIRED BEHIND THE HYDRANT, AND A 36" CLEARANCE IS REQUIRED ON EACH SIDE. THE FRONT SHALL NOT BE OBSTRUCTED.
 - FOR AN OBSTRUCTION HIGHER THAN THE HYDRANT, A 30" CLEARANCE IS REQUIRED FROM THE CENTER OF THE HYDRANT TO EACH SIDE AND IN BACK. THE FRONT SHALL NOT BE OBSTRUCTED.
 - BUSHES, PLANTS, TREES, ETC., SHALL NOT OBSTRUCT MAINTENANCE OR OPERATION OF THE HYDRANT.

WATER DISTRICT NOTES

- ALL WORK TO CONFORM TO LAS VEGAS VALLEY WATER DISTRICT STANDARD PLATES AND SPECIFICATIONS.
- ALL WORK, EXCEPT AS MODIFIED HEREON OR BY NOTE NO. 1, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS CLARK COUNTY, NEVADA.
- NOTICE TO BE GIVEN ENGINEERING DEPARTMENT OF THE LAS VEGAS VALLEY WATER DISTRICT 48 HOURS PRIOR TO ACTUAL CONSTRUCTION.
- SERVICE SADDLES OR TAPPED COLLARS WILL BE REQUIRED ON ALL 3/4" AND 1" SERVICE LATERALS. DOUBLE TAPPED COLLARS ARE NOT PERMITTED.
- ALL LINES TO BE PRESSURE TESTED TO 200 PSI.
- DEFLECTION ANGLE SHALL NOT EXCEED 2.5 DEGREES PER 13 FOOT SECTION OF PIPE FOR PIPE SIZES SMALLER THEN 14 INCHES, AND SHALL NOT EXCEED 2 DEGREES FOR PIPES SIZES BETWEEN 14 INCHES AND 16 INCHES.
- ALL METERS SHALL BE LOCATED OUTSIDE OF DRIVEWAYS.
- DETECTOR TAPE REQUIRED IN ACCORDANCE WITH STANDARD PLATE NO. 27 WHERE INDICATED AND AS FOLLOWS:
 - OVER ALL MAINS NOT INSTALLED AT 6 FEET FROM BACK OF CURB.
 - OVER ALL SERVICE LATERALS NOT INSTALLED AT RIGHT ANGLES TO MAINS.
- CALL BEFORE YOU DIG: 1-800-227-2600.

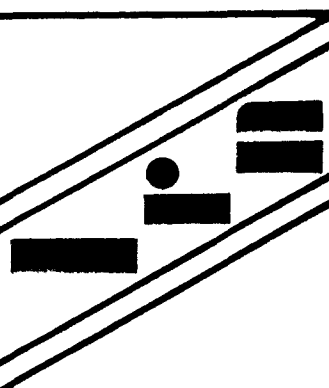
UTILITY CONSTRUCTION NOTES

- INSTALL STANDARD FIRE HYDRANT ASSEMBLY WITH 8"x6" TAPPING TEE, TAPPING VALVE AND 55 L.F. OF 6" ACP.
- CONNECT TO EXISTING STUB FROM 1-1/2" METER. INSTALL 230 L.F. OF 1-1/2" WATER LINE.
- INSTALL 30 L.F. - 4" PVC SANITARY SEWER
- REMOVE EXISTING FIRE HYDRANT ASSEMBLY. ABANDON LATERAL AND VALVE AS OUTLINED BELOW.
- EXISTING 8" PVC SANITARY SEWER
- ADJUST EXISTING MANHOLE / CLEANOUT TO GRADE
- REFERENCE ARCHITECTURAL PLANS FOR POINT OF CONNECTION.
- RELOCATE EXISTING TRANSFORMER AS SHOWN.
- RELOCATE/REMOVE EXISTING AREA LIGHTS AND PALM TREES AS DIRECTED BY OWNER AND/OR ARCHITECT.

ABANDON VALVE NOTE

DRAWN BY: LIZ N
CHECKED BY: LIZ N
JOB NUMBER: 162-001-891
DATE: JANUARY, 1991
DESIGNED BY: MICHAEL CUDDY
REVISION

L.R. NELSON
CONSULTING ENGINEERS
6075 S. EASTERN AVENUE STE. 5
LAS VEGAS, NEVADA
(702) 798-7978



UTILITY PLAN
FIRST INTERSTATE BANK
RAINBOW & SAHARA BRANCH
CLARK COUNTY, NEVADA

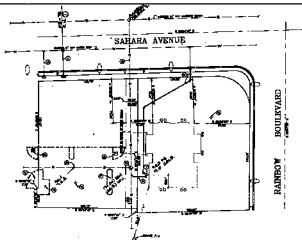
SHEET NO.

3

OF SHEETS

162-001-891
24.1-10

307-V647



RAINBOW BOULEVARD

NORTH
1" = 30'

FIRE DATA

WATER SOURCE	RAINBOW RIVER
WATER PRESSURE	100 PSI
TYPE OF HYDRANT	TYPE 1 - 1 1/2" NPS
HYDRANT SIZE	4" NPS
HYDRANT	4" NPS
HYDRANT	4" NPS

UTILITY CONSTRUCTION NOTES

1. ALL UTILITIES SHALL BE DEEPER THAN THE MINIMUM REQUIRED.
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ABANDON VALVE NOTE



VICINITY MAP

UTILITY NOTE

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APPROVALS

DATE: 10/1/80

APPROVED BY: [Signature]

ABANDON VALVE NOTE

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DATE: 10/1/80

APPROVED BY: [Signature]

DATE: 10/1/80

APPROVED BY: [Signature]

FIRE DEPARTMENT NOTES

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WATER DISTRICT NOTES

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UTILITY PLAN
FIRST INTERSTATE BANK
RAINBOW & SAHARA BRANCH

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