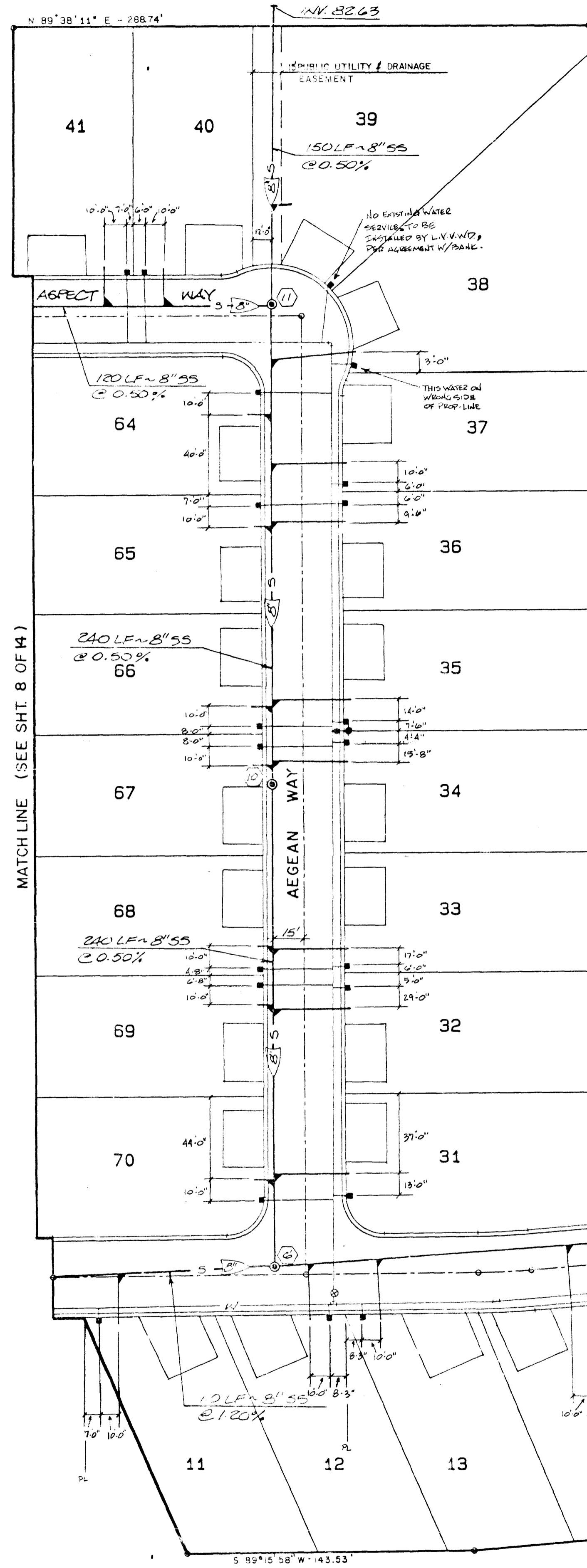


PARCEL 16 - PHASE A

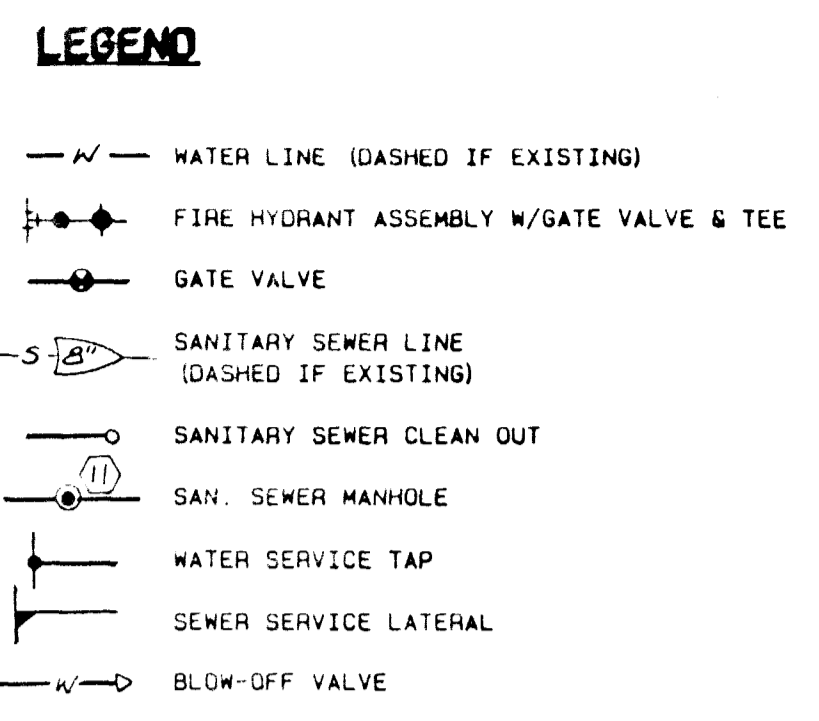


MANHOLE DATA TABLE

| M.H. No. | RIM EL. | INV. EL. (IN) | INV. EL. (OUT) |
|----------|---------|---------------|----------------|
| 1 | | 70.18 (N) | 70.18 (S) |
| 2 | | 70.38 (W) | 70.30 (E) |
| 3 | 81.90 | 74.67 (W) | 74.47 (E) |
| 4 | 82.28 | 75.25 (N) | 75.04 (E) |
| 5 | 83.01 | 76.90 (W) | 76.70 (E) |
| 6 | 85.41 | 79.08 (N) | 78.88 (E) |
| 7 | 87.90 | 82.19 (W) | 82.09 (E) |
| 8 | 91.47 | | 86.20 (E) |
| 9 | 89.27 | | 84.27 (S) |
| 10 | 86.08 | 80.48 (N) | 80.28 (S) |
| 11 | 87.12 | 81.88 (N) | 81.58 (S) |
| 12 | 89.06 | 83.18 (SW) | 82.98 (E) |
| 13 | 89.56 | 84.15 (SW) | 83.95 (NE) |
| 14 | 90.45 | 85.45 (S) | 85.25 (NE) |
| 15 | 91.74 | 86.72 (S) | 86.52 (N) |
| 16 | 92.91 | | 87.72 (N) |

STORM DRAIN MANHOLE DATA TABLE

| M.H. No. | RIM EL. | INV. EL. (IN) | INV. EL. (OUT) |
|------------|---------|---------------|----------------|
| 100 | | 74.50 (N) | 74.30 (E) |
| 101 | | 75.06 (W) | 74.86 (S) |
| DROP INLET | | 75.38 (W) | 75.18 (E) |



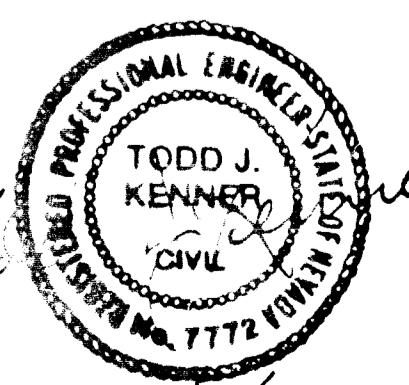
- CITY OF LAS VEGAS SANITATION NOTES:**
- 1) ALL SANITARY SEWER INSTALLATIONS SHALL CONFORM TO THE STANDARD DETAILS AND SPECIFICATIONS OF THE CITY OF LAS VEGAS, AND SHALL ALSO CONFORM TO THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OF OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, LATEST EDITION, UNLESS OTHERWISE NOTED.
 - 2) CHISEL "S" OR "G" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
 - 3) POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35, OR ASTM F949 SPECIFICATIONS, AND INSTALLED WITH SAND BEDDING AND BACKFILL OR TYPE II GRAVELL.
 - 4) ALL MANHOLES IN PAVED STREETS 80" R/W AND LARGER, SHALL HAVE CONCRETE COLLARS.
 - 5) TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO 12" DIA. SIZE. CONNECTIONS TO 15" OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES.
 - 6) A SEWER MAIN CROSSING OVER A WATER MAIN OR LESS THAN 18" UNDER A WATER MAIN MUST BE REINFORCED CONCRETE ENCASED PIPE FOR A DISTANCE NOT LESS THAN TEN FEET (10') TO EACH SIDE OF THE CENTERLINE OF THE WATER MAIN.
 - 7) CALL BEFORE YOUR DIG 1-800-227-2600

QUANTITIES:

| | |
|----------------------|---------|
| 8" PVC PIPE | 1705 LF |
| 4" PVC LATERAL | 1013 LF |
| 24" REINF CONC. PIPE | 185 LF |
| 48" S.S.M.H. | 8 EA. |
| 48" STORM M.H. | 1 EA. |

NOTE: CONTRACTOR SHALL INSTALL 4" LATERALS TO A POINT 5' BEHIND BACK OF CURB.

PERCOL MARK USE A 2" B.M. 8169 PER CIV 1977 DATUM BRASS CAP IN CONCRETE MOUNTED AT THE N.E. CORNER OF ANN ROAD AND RANCHO DRIVE ELEV. 2357.04



UTILITY PLAN - MASTER SEWER
PAINTED DESERT PARCEL 16 - PHASE B
MICHAEL ANDREW GROUP, INC.
CLARK COUNTY,
LAS VEGAS,
NEVADA

| REV. | DATE | DESCRIPTION | BY | CHECKED |
|------|----------|--------------------|-----|---------|
| 1 | 12/20/17 | REVISED PER CITY | TJK | TJK |
| 2 | 1/25/21 | CHANGE LATERAL COE | TJK | TJK |

DESIGNED BY SEC
DRAWN BY STAFF
CHECKED BY TJK
DATE OCTOBER 1988