

LEGEND:

- SL210 BOHSMITH SINGLE-OUTLET EMITTER (ONE PER 1 GAL SHRUB-NOT SHOWN) (1.0 GPM @ 20 PSI)
 - SL210 BOHSMITH SINGLE-OUTLET EMITTER (THO PER 5 GAL SHRUB-NOT SHOWN) (2.0 GPM @ 20 PSI)
 - SL220 BOHSMITH SINGLE-OUTLET EMITTER (6 PER 24" TREE-NOT SHOWN) (12.0 GPM @ 20 PSI)
 - SL220 BOHSMITH SINGLE-OUTLET EMITTER (6 PER 30" TREE-NOT SHOWN) (16.0 GPM @ 20 PSI)
 - 1-20-AD5-06-LA HUNTER ROTARY SPRINKLER W/RECLAIMED MARKING (2.0 GPM @ 50 PSI)
 - 1-20-AD5-04-LA HUNTER ROTARY SPRINKLER W/RECLAIMED MARKING (3.0 GPM @ 50 PSI)
 - 1-20-365-12 HUNTER ROTARY SPRINKLER W/RECLAIMED MARKING (12.2 GPM @ 50 PSI)
 - 1806-12-G RAINBIRD POP-UP LAWN SPRINKLER W/RECLAIMED MARKING (0.6 GPM @ 25 PSI)
 - 1806-12-H RAINBIRD POP-UP LAWN SPRINKLER W/RECLAIMED MARKING (1.2 GPM @ 25 PSI)
 - 1806-12-F RAINBIRD POP-UP LAWN SPRINKLER W/RECLAIMED MARKING (2.4 GPM @ 25 PSI)
 - 1806-15-55T RAINBIRD POP-UP LAWN SPRINKLER W/RECLAIMED MARKING (1.11 GPM @ 25 PSI)
 - PE50-SERIES RAINBIRD ELECTRIC VALVE
 - PE50-SERIES RAINBIRD ELECTRIC VALVE FOR EMITTER SYSTEM
 - INCLUDES: TTTI-SERIES WATTS BRONZE WYE STRAINER (150 MESH)
 - AND: #12-SERIES WILKING BRONZE PRESSURE REGULATOR (SET AT 25 PSI)
 - ESP-32MG-LPP W/PED-DD16 AND ESP-M1B 4 RECHARGEABLE BATTERIES RAINBIRD
 - PEDESTAL-MOUNT ELECTRIC CONTROLLER (COMPUTER COMPATIBLE)
 - 880-3" FIBRO REDUCED PRESSURE BACKFLOW PREVENTER. INSTALL PER UDS PLATE
 - NO. 100 WITH INSULATED BACKFLOW ENCLOSURE
 - 44-NP RAINBIRD QUICK-COUPLER VALVE W/PURPLE COVER
 - MAIN LINE ISOLATION GATE VALVE
 - 1010A-2" CRISPIN AIR-RELIEF VALVE
 - 1/2" NIBCO "TRU-BLOC" SINGLE UNION BALL VALVE-MANUAL DRIP FLUSH DEVICE
 - CLASS 200 PVC PIPE-MAIN LINE, RUBBER-RING, 3" AND LARGER, SCH 40 SOLVENT WELD 2-1/2"
 - SCHEDULE 40 PVC PIPE-LATERALS, SOLVENT WELD.
 - 3/4" SCHEDULE 40 PVC PIPE-TO EMITTERS, SOLVENT WELD.
 - SCHEDULE 40 PVC SLEEVING MATERIAL.
 - #14-2 TIN-COATED, DOUBLE CONDUCTOR COMPUTER COMMUNICATION CABLE WIRING
 - VALVE BOX FOR FUTURE STUB-OUT OF COMMUNICATION WIRING
- NOTE:
- 1) SYSTEM OPERATING TIME IS MAXIMUM 6.5 HOURS PER NIGHT IN SUMMER.
 - 2) OPERATE ALL 3 CONTROLLERS SIMULTANEOUSLY.
 - 3) ALL VALVE BOXES SHALL BE CONCRETE, WITH CAST IRON LIDS.
 - 4) ON DRIP, USE 3/4" SCH 40 PVC PIPE TO WITHIN 4'-0" OF EMITTER, THEN 1/2" EXCALIBUR FLEXIBLE PVC, 1/2" SCH 40 PVC MALE ADAPTER, AND THREADED EMITTER.
 - 5) ALL 24-VOLT WIRING SHALL BE #14 UFIL DIRECT-BURIAL, SOLID COPPER.
 - 6) ALL PIPE AND WIRING UNDER PAVED SURFACES SHALL BE IN SCHEDULE 40 PVC SLEEVES, WHETHER OR NOT SHOWN. CITY WILL PROVIDE SLEEVING PLAN PRIOR TO LAYOUT.
 - 7) OPERATE 1-20-25 MIN/NIGHT, 1806-15 MIN/NIGHT, BUFFALO-AS REQUIRED; DRIP APPROXIMATELY 2 HOURS PER CYCLE, 3 TIMES PER WEEK.
 - 8) LOCATE VALVE BOXES IN PLANTER AREAS WHEREVER POSSIBLE.
 - 9) CONTRACTOR SHALL PROVIDE SIX #44K QUICK-COUPLER KEYS WHOSE SHIELDS.
 - 10) VALVE KEY: CONTROLLER LETTER STATION NUMBER VALVE SIZE

PIPE SIZING SCHEDULE:

| GPM | SIZE |
|-------|--------|
| 0-4 | 1/2" |
| 5-8 | 3/4" |
| 9-14 | 1" |
| 15-30 | 1-1/4" |
| 31-40 | 1-1/2" |
| 41-60 | 2" |
| 61-90 | 2-1/2" |

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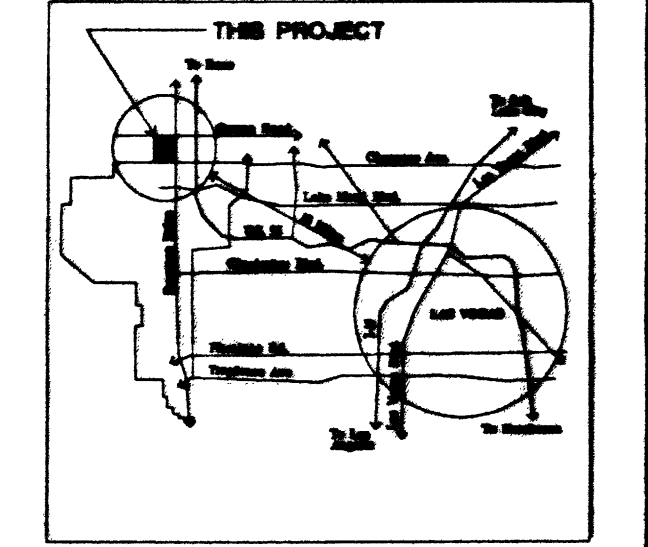
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NORTHWEST FAMILY RECREATIONAL COMPLEX
 CITY OF LAS VEGAS, NEVADA

31 OF 118
 650.59
IRRIGATION PLAN

CONSTRUCTION DOCUMENTS
 ISSUE DATE: 9/25/97
 DRAWN: SLC REVIEWED: SLC
 REVISIONS/DESCRIPTION:
 VALUE ENGINEERING 5/25/99
 CHANGE ORDER PROPOSAL 7/27/1999

PROJECT KEY MAP: NTS



Scale: 1" = 30'
 North

SHEET NUMBER
L-3.2
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