

LEGEND:

- SL210 BOWSMITH SINGLE-OUTLET EMITTER (ONE PER 1-GAL. SHRUB--NOT SHOWN) (1.0 GPH @ 20 PSI)
 - SL210 BOWSMITH SINGLE-OUTLET EMITTER (TWO PER 5 GAL. SHRUB--NOT SHOWN) (2.0 GPH @ 20 PSI)
 - SL220 BOWSMITH SINGLE-OUTLET EMITTER (6 PER 24' TREE--NOT SHOWN) (12.0 GPH @ 20 PSI)
 - SL220 BOWSMITH SINGLE-OUTLET EMITTER (8 PER 30' TREE--NOT SHOWN) (16.0 GPH @ 20 PSI)
 - ▲ 1-20-ADS-06-LA HUNTER ROTARY SPRINKLER W/RECLAIMED MARKING (2.8 GPM @ 50 PSI)
 - ▲ 1-20-ADS-09-LA HUNTER ROTARY SPRINKLER W/RECLAIMED MARKING (5.6 GPM @ 50 PSI)
 - 1-20-36S-12 HUNTER ROTARY SPRINKLER W/RECLAIMED MARKING (12.2 GPM @ 50 PSI)
 - 1806-12-G RAINBIRD POP-UP LAWN SPRINKLER W/RECLAIMED MARKING (2.6 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-SST RAINBIRD POP-UP LAWN SPRINKLER W/RECLAIMED MARKING (1.11 GPM @ 25 PSI)
 - FESB-SERIES RAINBIRD ELECTRIC VALVE
 - ⊕ FESB-SERIES RAINBIRD ELECTRIC VALVE FOR EMITTER SYSTEM
 - INCLUDES: T11-SERIES WATTS BRONZE WYE STRAINER (150 MESH)
 - AND: 132-SERIES WILKINS BRONZE PRESSURE REGULATOR (SET AT 25 PSI)
 - △ ESP-32MC-LFP W/PED-DD16 AND ESP-M1B 4 RECHARGABLE BATTERIES RAINBIRD FEDESTAL-MOUNT ELECTRIC CONTROLLER (COMPUTER COMPATIBLE)
 - ⊖ 880-3' FEBCO REDUCED PRESSURE BACKFLOW PREVENTER. INSTALL PER UDS PLATE NO. 11B WITH INSULATED BACKFLOW ENCLOSURE.
 - 44-NP RAINBIRD QUICK-COUPLER VALVE W/PURPLE COVER
 - ⊗ MAIN LINE ISOLATION GATE VALVE
 - ⊗ IC10A-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 FOR 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.
 - 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 #4K QUICK-COUPLER KEYS W/HOSE SWIVELS.
 - 10.) VALVE KEY: CONTROLLER LETTER — STATION NUMBER — VALVE SIZE — GALLONS PER MINUTE

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"

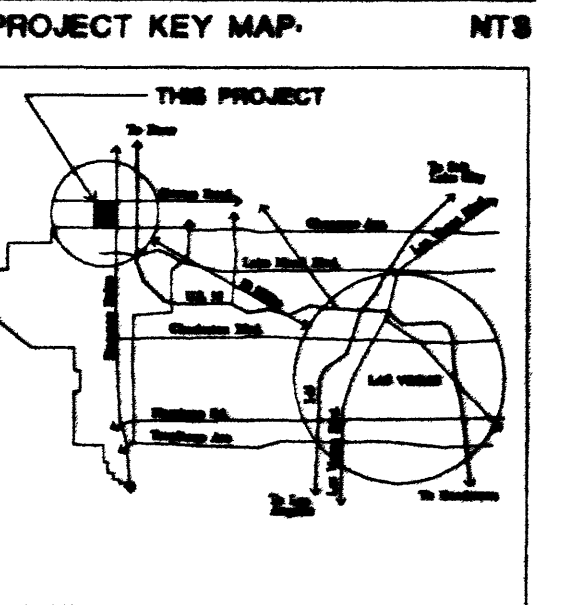
DESIGN WORKSHOP
 LANDSCAPE ARCHITECTURE
 LAND PLANNING
 URBAN DESIGN
 TOURISM PLANNING
 210 South 202 Ave. Suite 201
 TEMPE, ARIZONA 85281
 602 966-0801
 Albuquerque • Aspen • Denver
 San Francisco • Santa Fe • Tempe • Vail
 Steamboat Rock

CONSULTANTS:
 COATES IRRIGATION CONSULTANTS, INC.
 4300 North Miller Road, Mesa, Arizona 85205
 Phone: (480) 481-0800
 Fax: (480) 481-0800

NORTHWEST FAMILY RECREATIONAL COMPLEX
 CITY OF LAS VEGAS, NEVADA

34 OF 118
 650.59

IRRIGATION DETAILS
CONSTRUCTION DOCUMENTS
 ISSUE DATE: 6/13/97
 DRAWN: BLC REVIEWED: GLC
 REVISIONS/DESCRIPTION



Scale: 1" = 30'
 North

SHEET NUMBER
L-4.1
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