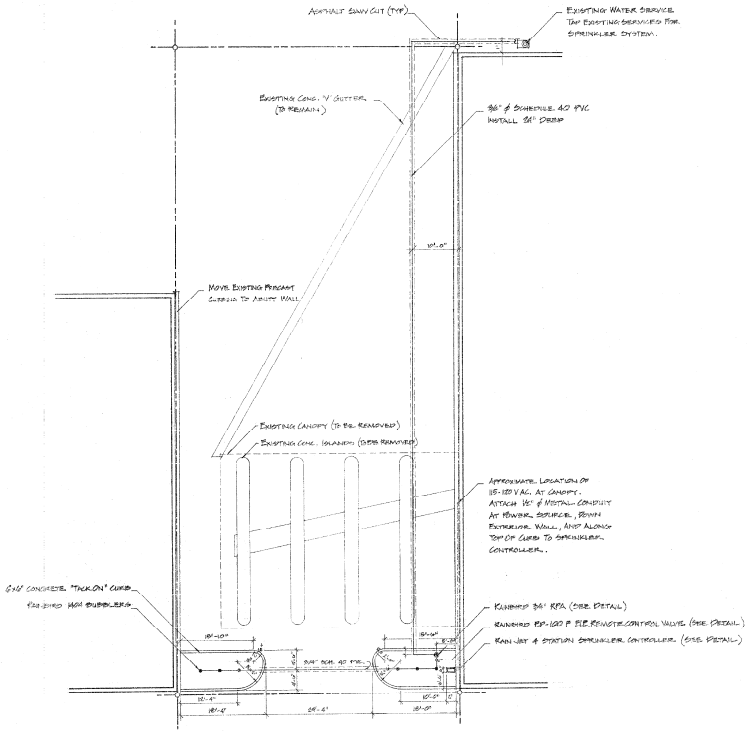
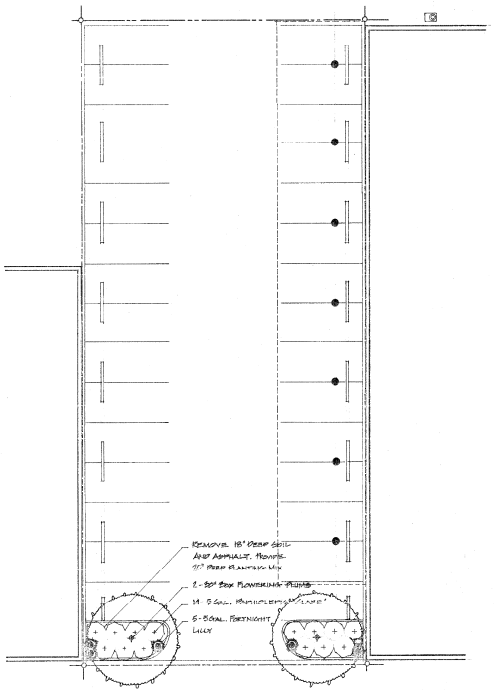


• SPRINKLER PLAN •
SCALE 1"=10'



• PLANTING PLAN •
SCALE 1"=10'

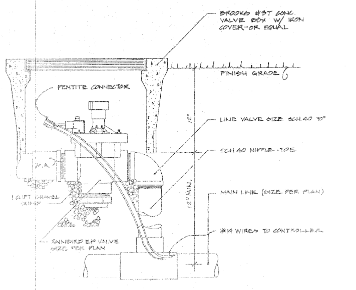
CLARK COUNTY
General Services Department • Facilities Services Division
401 South Fourth Street • Las Vegas, Nevada 89101 • (702) 455-4818

DATE: 12-9-93
PROJECT NO. 3-30-07
DRAWN BY: JP
APPROVED BY:

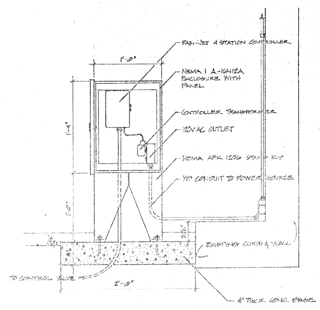
SHEET TITLE: SPRINKLER PLAN & PLANTING PLAN
PROJECT: CENTENNIAL BUILDING PARKING

SHEET NO. 1-1
OF 2

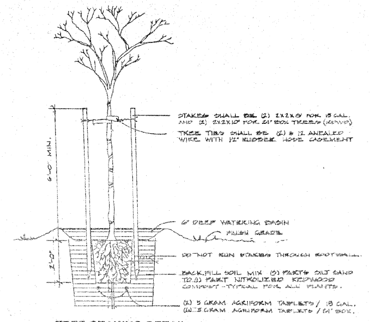
1700



CONTROL VALVE DETAIL

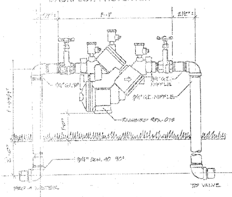


· CONTROLLER DETAIL ·

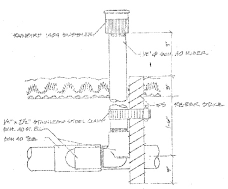


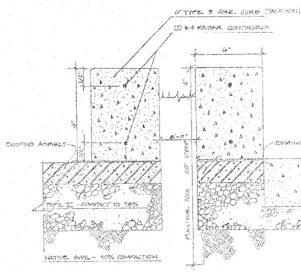
TREE STAKING DETAIL

RPA REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER



1400 PRESSURE COMPENSATING BUBBLER





CONC. CURB & WALK DETAIL

1. GENERAL All work shall be in accordance with applicable city and county codes; and these plans. The contractor shall apply for all permits and pay for same.

   A. The contractor shall verify all conditions and dimensions shown on the plans at the site prior to commencement of any work under this contract.

   B. The contractor shall carry all worker's compensation, public liability and property damage insurance, as required by the owner.

   C. The contractor shall apply for all permits and pay for same.

2. SCOPE OF WORK - Unless otherwise specified, the construction of irrigation systems shall include the furnishing, installing and testing of all main line, point of connection, lateral line, risers and fittings; and the furnishing and installing of sprinkler heads, automatic controllers, control wires (to valves), electric control valves, backflow protection, excavation and backfill and all other work in accordance with these, plans, details and notes.

   The contractor shall furnish all labor, materials, equipment, property, transpotation and perform all operations required for a complete and operable irrigation system as indicated on, or reasonably implied by the drawings and/or notes, included as a part of the irrigation work, but not limited by it, are the following items:

   A. Install complete operable independent, automatic, irrigation system per the plans, details, legend and notes.

   B. All irrigation work shall be guaranteed by the contractor as to materials and workmanship, including settling of backfilled trenches below grade for a period of one year following the date of final acceptance of the work

3. The Landscape Architect shall decide all questions relating to interpretation of the drawings and the acceptable fulfillment of the contract

4. The contractor shall at all times protect his work from damage and theft and replace all damaged or stolen parts at his own expense until the work is accepted in writing by the owner.

5. Piping shown on the plans is essentially diagrammatic. The contractor shall route piping to avoid conflict with stationary elements and in such a manner as to conform to the various details.

6. Extreme care shall be exercised in excavating and working near existing utilities. Contractor shall verify the location and condition of all utilities and be responsible for any damage to same.

7. The contractor shall keep the premises clean and free of excess equipment, materials, and rubbish incidental to his work.

8. Irrigation design is based on P.S.I. available water pressure at GPM. Contractor shall verify pressure prior to construction; should a discrepancy exist, notify the Landscape Architect prior to beginning construction.

9. Water meters shall be installed by others.

10. Contractor shall make points of connection (P.O.C.) at the ____ water service. Locate as shown on plans or as directed by the Landscape Architect.

11. Irrigation contractor shall be responsible for connecting 120 volt service to the controller, electrical power source will be provided by the owner with a junction box at the controller locacation as shown on the plan.

12. All control wire shall be solid copper, plastic insulated, UF direct burial wire. All common wire shall be AWG #12 white; all pilot wire shall be AWG #14, red or black.

13. All control wire and irrigation line runs under A/C paving shall be encased in Sch. 40 PVC pipe sleeves.

14. Final location of control valves shall be approved in the field by the landscape architect.

15. All brass or galvanized connections shall be coated with teflon tape or LED-LUBE joint compound (or equal). All PVC threaded connections shall be coated with teflon tape.

16. All PVC solvent-weld connections shall be made with solvent-weld materials as recommended by the pipe manufacturer, solvent-weld primer shall be applied at all connections.

REFER TO WRITTEN SPECIFICATIONS FOR PLANTING INSTALLATION AND INSPECTION

1. GENERAL - All work shall be done in accordance with applicable City and County Codes, and these plans.

   A. The contractor shall carefully inspect the site and verify all conditions and dimensions prior to proceeding with any work under this contract.

   B. The contractor shall carry all worker's compensation, public liability, and property damage insurance as required by the owner.

   C. The contractor shall apply for all permits and and pay for same.

   D. All irrigation work shall have been inspected and approved by the landscape architect prior to beginning any ground cover planting work.

   E. The owner's superintendent and the landscape architect will inspect the planting work. Prior to starting work, the contractor shall contact the landscape architect and coordinate all inspections.

   F. The quality of workmanship and materials shall be of the highest standards. Cooperation and flexibility is expected of the contractor toward working with the owner/landscape architect in producing the best possible product.

2. SCOPE OF WORK - Furnish all material labor, transportation, equipment and property to complete the landscaping of the planting areas shown on the drawings, or reasonably implied to complete the construction, included as a part of the work, but not necessarily limited by it, are the following items:

   A. Fine grading of all planting areas.

   B. Preparation of all planting and tree holes.

   C. Furnishings and installation of all required planting backfill materials, tree stakes and miscellaneous materials.

   D. Furnishing and installation of all plant materials.

   E. Providing maintenance throughout the specified maintenance period.

   F. Clean-up and weeding of all landscape areas.

   G. Guarantee of all plant material and workmanship for a period of one year.

3. The contractor shall remove all weeds, rocks over two (2) inch diameter, debris and other extraneous material from the job site in a legal manner prior to proceeding with any work under this contract.

4. Contractor shall provide rough grade to within three (3) inches of finish grade. The contractor shall be responsible for finish grade, including any minor adjustments to earth berm and slope shapes. Provide finish grade in planting areas with 12 minimum flow, additional topsoil to be ___ inches deep.

5. Finish grades shall be two (2) inches below adjacent walks, curbs, driveways, etc. in all planting areas.

6. All trees and shrubs shall be planted per these notes and as detailed. All plant material shall be of the highest quality and largest reasonable size available for the specified container size (without being root bound). Shrub materials shall be vigorously growing, healthy plant material, full and bushy; of Hines Wholesale Nursery/Monrovia Nursery Company quality, or equal. The landscape architect will approve all plant material when spotted for planting, and will not hesitate to reject any material of questionable quality, or of less than the largest reasonable size material available.

7. The landscape architect shall aprove the location of all of the one gallon, five gallon, and fifteen gallon plant material as approximately spotted in the field by the contractor. All boxed material and field grown material shall be staked for location approval prior to plant pit excavation.

8. All ground cover as noted in the legend shall be rooted tip cuttings from flats and shall be planted in staggered rows continuously under all trees and shrubs in the areas as designated on the plans and at the spacing indicated in the legend.

9. Upon completion of each phase of planting work, the contractor shall thoroughly clean the site of all accumulated rubbish, debris, and other extraneous material.

10. MAINTENANCE PERIOD - The maintenance period shall commence upon the owner's and the landscape architect's written approval of all phases of planting installation and shall be for ninety (90) continuous calendar days. Maintenance work shall include three (3) fertilizer applications to all planting areas at thirty (30) day intervals during the maintenance period (refer to soil preparation notes, this sheet, for type and application rates).

11. MAINTENANCE PROCEDURES - The general care and maintenance of all areas shall consist of proper watering, fertilization, weeding, clean-up, and as follows:

   A. Cultivate and weed at not less than ten (10) working day intervals.

   B. Contractor shall maintain the irrigation systems in a like new, operating condition adjusting head heights, throw and spray arcs as necessary. The contractor is responsible for proper watering of all planting areas and shall replace any material damaged due to improper moisture.

   C. Any concentrated development of weed growth that may appear in planting areas during maintenance period shall be removed at thirty (30) day intervals. The contractor may elect to remove such concentrations of weeds manually or by an approved herbicide program.

   D. During the course of the maintenance work, the contractor shall remove surplus materials and debris from the site and shall keep the premises in a neat and clean condition at all times.

   E. During the maintenance period, the contractor shall be responsible for maintaining adequate protection for all planting areas. Any damaged areas shall be repaired at the contractor's expense.

12. The landscape contractor shall be responsible to coordinate submittal of a soil with an Agricultural Soils Scientist, and receive a report, a copy of the report shall be sent to the landscape architect.

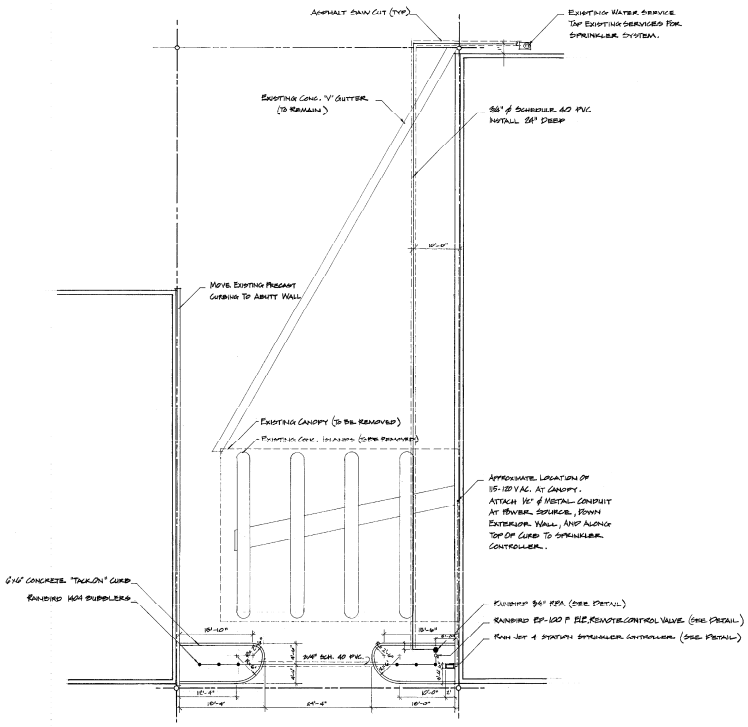
   Based on this soils analysis and fertilizer recommendation, if additional fertilizer is required the contractor is responsible to supply it.

   This test shall include recommendations for soil amendment, planting backfill, and maintenance fertilization.

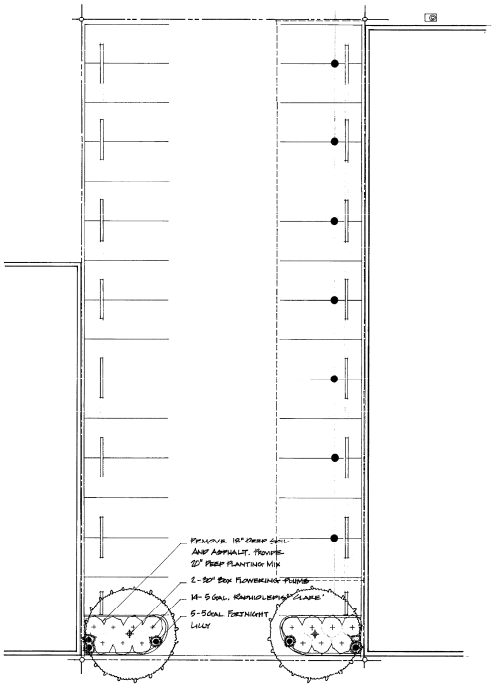
CLARK COUNTY
General Services Department • Facilities Services Division
400 South Fourth Street • Las Vegas, Nevada 89101

SHEET TITLE: DETAILS & SPECIFICATIONS
PROJECT: CENTENNIAL BUILDING PARKING
DATE: 12-9-88 PROJECT NO. 88-07
DRAWN BY: J.R
APPROVED BY:
SHEET NO. L-2
OF 2

1700



SPRINKLER PLAN
SCALE 1"=10'

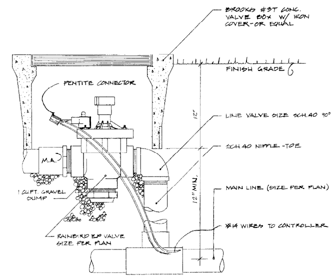


PLANTING PLAN
SCALE 1"=10'

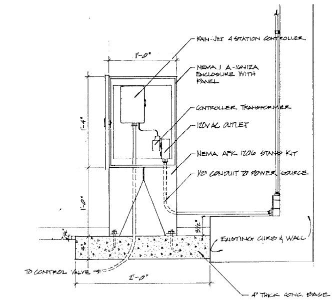
CLARK COUNTY
General Services Department • Facilities Services Division
421 South Fourth Street • Las Vegas, Nevada 89101 • (702) 455-4168

DATE	12-9-86
DRAWN BY	88-07
REVISED	N.P.
TITLE	SPRINKLER PLAN + PLANTING PLAN
PROJECT	CENTENNIAL BUILDING PARKING
SHEET NO.	L-1
OF	

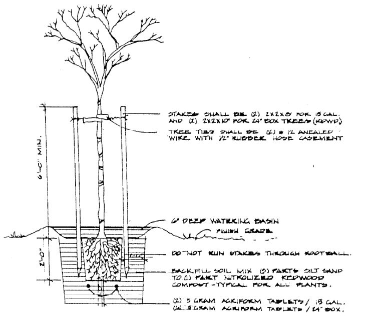
1700



CONTROL VALVE DETAIL

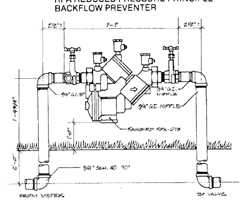


CONTROLLER DETAIL

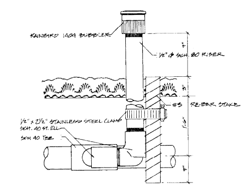


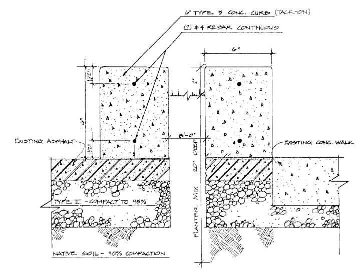
TREE STAKING DETAIL

RPA REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER



1400 PRESSURE COMPENSATING BUBBLER





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   B. Preparation of all planting and tree holes.

   C. Furnishings and installation of all required planting backfill materials, tree stakes and miscellaneous materials.

   D. Furnishing and installation of all plant materials.

   E. Providing maintenance throughout the specified maintenance period.

   F. Clean-up and weeding of all landscape areas.

   G. Guarantee of all plant material and workmanship for a period of one year.

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4. Contractor shall provide rough grade to within three (3) inches of finish grade. The contractor shall be responsible for finish grade, including any minor adjustments to earth berm and slope shapes. Provide finish grade in planting areas with 1% minimum flow, additional topsoil to be 12" inches deep.

5. Finish grades shall be two (2) inches below adjacent walks, curbs, driveways, etc. in all planting areas.

6. All trees and shrubs shall be planted per these notes and as detailed. All plant material shall be of the highest quality and largest reasonable size available for the specified container size (without being root bound). Shrub materials shall be vigorously growing, healthy plant material, full and bushy; of Hines Wholesale Nursery/Monrovia Nursery Company quality, or equal. The landscape architect will approve all plant material when spotted for planting, and will not hesitate to reject any material of questionable quality, or of less than the largest reasonable size material available.

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    This test shall include recommendations for soil amendment, planting backfill, and maintenance fertilization.

CLARK COUNTY
General Services Department • Facilities Services Division
401 South Fourth Street • Las Vegas, Nevada 89101 • (702) 455 4616

DATE: 12-9-88
PROJECT NO. 88-07
DRAWN BY: J. R.
APPROVED BY:
SHEET TITLE: DETAILS & SPECIFICATIONS
PROJECT: CENTENNIAL BUILDING PARKING

SHEET NO. L-2 OF 2

1700