A CIVIC CENTER

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A Thesis presented
for the
Degree of Bachelor of Landscape Architecture
Department of Landscape Architecture
University of Georgia
Athens, Georgia
Harch, 1962

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1962

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Robert W. Rebde

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March, 1962

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I. Existing Site

- 1. Police and Courts Building from the corner of Orange and 27th St.
- 2. Post Office site; N.L.R. High School in background

MINTORICAL SKHTCH

- 3. Library from Willow and 29th Streets looking S.E.
- 4. Civic Center site looking Southeast from 29th Street.
 - 5. Civic Center site looking Southwest from 29th Street.

The Joerican Roman Style bounne prominent in sivic design shortly

after the Revolutionizy War. Independence had observed a grant soud for

greenes, and town planeing. Mastington, being in accord with Jaffarson's

beliefs, commissioned the arrist-regiment Library to also our capital

city. Itenfant's alan gowelly in Therood civis building. Convinceson,

public belidings. Julierers south the "brand Design" of buildings.

6. View Looking North from Willow and 29th Street.

II. Drawings

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- 7. Master Plan
- 8. Orading and Drainage Plan
- equares 9. Planting Plans, today account by the City Hall, desirated of
- 10. Construction Details

11. Model

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2. Post Office site; N.L.B. Make School in background

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5. Civic Cantar site looking Southwest from 29th Street.

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9. Planting Plan

10. Construction Details

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HISTORICAL SKETCH

CIVIC CENTERS IN THE UNITED STATES

ing; hence there began an attack to break many from the gridings

During the Colonial period, from 1607 through 1776, the civic center was the square, either the courthouse square of the village green. It started with the Virginia Colony. In 1634 the Virginia government created nine shires (soon changed to counties), and fixed them as the local government units. The center usually consisted of a small square, a courthouse, library, several churches, and possibly a lawyer's office.

In the New England town it was the common, or green. The first example in the colonies was the laying out of the New Haven Colony in 1638. Nine large squares were formed, the central one being set aside as the common green.

By 1776 Philadelphia had a population of 40,000. William Penn's city plan divided the city into rectangular lots, leaving five public squares. The main square, today covered by the City Hall, consisted of ten acres set aside for commercial, religious and civic purposes, a future civic center. The first civic center in the country was Independence Hall and its surrounding buildings.

The American Roman Style became prominent in civic design shortly after the Revolutionary War. Independence had created a great need for public buildings. Jefferson sought the "Grand Design" of buildings, grounds, and town planning. Washington, being in accord with Jefferson's beliefs, commissioned the artist-engineer L'Enfant to plan our capital city. L'Enfant's plan greatly influenced civic building. Courthouses,

collecon, Pareral court building, and an art message

HISTORICAL SEETCH

CIVIC CERTARS IN THE UNITED STATES

nutne the Colonial period, from 1607 through 1776, the civic cantlive out the excups exceptance and tankle evappe of the village mem. It started with the Virginia Colony. In 16th the Virginia bearing or a trace of the coor changed to counties), and fixed s to bejetamon vilenam resume only .astdo Snewgraves Inoof ont as med sell aquare, a courchouse, library, saveral churches, and possibly a The state of the party of the p In the New England town it was the deamon, or green. The first or the colonies was the laying out of the New May May an Colony in logs. Mine large squares were formed, the central one being set aside as the courses and as By 1776 Fhiladelphia had a population of ho,000, William Fenn's city plan divided the city into rectangular lets, leaving five public squares. The main aquare, today devered by the City Hell, consisted of s tenegrad office and sales for company sold store and civic perpension to -negetal saw yrdenes of the carter of the country was Independense Hall and its surrounding butlishings. The American Rowen Style became prominent in civic design shartly after the Nevolutionary war. Independence had created a great need for public buildings. Jefferson sought the "Grand Design" of buildings. arounds, and town planning. Manhington, being in accord with Jefferson's beliefs, commissioned the artist-engineer L'Enfant to plan our ospital otty. L'infant's plan greatly influenced civic building. Courthoness,

city halls, state houses and customs houses all demanded a nobler setting; hence there began an attempt to break away from the gridiron street pattern, to create radiating avenues and circles.

Interest in civic art waned with the coming of the Industrial Revolution. The Centennial Exhibition held at Philadelphia in 1876 had some influence in promoting the art of design of public buildings and places, but the real awakening of the value of orderly grouping and design of public buildings came with the World's Fair in Chicago in 1893. The fair represented the first great collaborative effort between an architect and a landscape architect. The chief architect was Daniel H. Burnham; Frederick Law Olmsted and landscape architect. Up to this time little attention had been given to the surroundings of public buildings. Despite the unsubstantial qualities of the architecture of the fair, it inspired the visitors with a new sense of civic order and beauty, and many became propagandists for city beautification. Thus began the "City Beautiful" movement, the greatest period of civic note to give new life to our emeraldued center development in our history. in Patricipant and the Vernie Street

One of the first plans for a civic center during the movement was made for Cleveland in 1902. The plan provided for a long mall lined with monumental buildings and leading to a new railroad terminal on the lakefront. Buffalo, Philadelphia, and Harrisburg also developed civic center plans during the City Beautiful movement. Des Moines, Iowa commissioned Charles M. Robinson to plan a civic center about this time. The center is situated on the riverfront on what was once a blighted area. The buildings grouped around the center include a city hall, courthouse, a coliseum, federal court building, and an art museum.

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Environmental Coals

The generous open space created during the City Beautiful movement was admired, but did not invite relaxation and rarely served as gathering places for the people. Their formal character was more like a picture to be observed than partaken of.

After San Francisco's fire of 1906, the city Commissioned John G. Howard, Frederick H. Meyer, and John Reid, Jr. to design a new civic center, probably now the grandest in the country. The dome of the city hall dominates the low forms of the public library, the opera house, the American Legion Building, and others.

About 1910 the emphasis in civic design shifted from the City
Beautiful to the "City Efficient". This was the period that saw the
introduction of land-use maps and zoning laws. Interest in civic centers
gave way to the garden city, the suburb, and the skyscraper. We, even
today, cannot match the City Beautiful period in concern for beauty in
our cities.

Today's civic centers are usually associated with urban renewal projects, many of them being attempts to give new life to our abandoned downtown areas. The Golden Triangle in Pittsburgh and the Temple Street area in Philadelphia are two such examples.

The advent of the automobile has increased the scale of the city to a great extent, so much so that most families are not within walking distance of the city center. This has led to dispersal of civic buildings throughout the city, leaving the municipality without a "center", a central focus in which to symbolize the aims and aspirations of the people.

progress open made created during the City Besutival movement and the best did not invite relaxation and rarely served as gather-

ner to briedlado's fire of 1906, the city Commissioned John O. on medical is mayor, and John Heid, dr. to design a new civic on medical seath, and the grandest in the country. The dome of the city is analysis the low form of the public library, the opers house, the

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A civic center need not be wited at the geographic center in order to function as the "core". It must, however, draw the people together; it must unite the citizens. A proud history and heritage can do this; a well planned contemporary city can do this. The residents of Savannah, Georgia are proud of their squares, laid out by General Edward Oglethorpe

in the early Eighteenth century, and have preserved them. Likewise, the residents of Britain's new towns are proud of their well designed neighborhoods and shopping centers. Pride in our city, provided it does not blind us to its faults, can aid us in healthy city growth and develop a

grands. Such a landscape plan will provide recommendations for a place

united citizenry with a concern for its urban environment.

ARABITETS OF THE PROBLES

The problem involves the shaping of the topography sitting and location of buildings and a pool-four-sin features possessive circulations entoscale parkings and previates of open spaces with appropriate plantings adjacent to the buildings one parking where to some as a fail for the macrony structures and passed arrest and shieb will be pleasure to see and walk throughts.

The problem stipulates that the maximum elevation be limited to 200 feet, and the minimum grade be 255 feet. This requirement will make it possible for motorists to get a satisfactory view of the Civic Genter from the Intervente Highway. This will require assetdentials grading but,

the bester meet not be vibed at the geographic center in order and color to the start of this; and the centered contents of the start o

STATEMENT OF THE PROBLEM

This problem is a part of an urban renewal project which is concerned with providing a Civic Center for North Little Rock. It is located on the south side of the Interstate Highway No. 40 between Willow Street and Orange Street and extends to the North Little Rock High School property.

The existing structures are the Library and Police and Courts building. Previously wited for inclusion in this development are a Post Office building and a Health Center.

It is desired that the following additional buildings be located in this Civic Center and that a landscape plan be prepared for the grounds. Such a landscape plan will provide recommendations for a plaza provision for pedestrian traffic, automobile parking, and planting.

ANALYSIS OF THE PROBLEM

The problem involves the shaping of the topography; siteing and location of buildings and a pool-fountain feature; pedestrian circulation; automobile parking; and provision of open spaces with appropriate plantings adjacent to the buildings and parking areas to serve as a foil for the masonry structures and paved areas, and which will be pleasant to see and walk through.

The problem stipulates that the maximum elevation be limited to 280 feet, and the minimum grade be 155 feet. This requirement will make it possible for motorists to get a satisfactory view of the Civic Center from the Interstate Highway. This will require considerable grading but,

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of the structure that the next and elevation be limited to 280 of articles attacked the 25 of the structure of the olivic Center of the olivic Center of the olivic tenter but, the structure of the center but, the structure of t

fortunately, the excess soil can be used to raise the elevation in the existing low area northwest of the High School property.

DESIGN SOLUTION

Topography

There is a proposed topographic plan for the complete urban renewal project. For this reason, the existing ground forms are of little consequence. Street profiles have been designed in accordance with the proposed topographic plan, keeping within the proposed lowest and highest elevations (155° and 280°).

of Pershap Smilerers. The primary entrances face the

Siteing

The Post Office, Police and Courts, Health Center and Library buildings have already been located. It was necessary to choose sites for the City Hall, Auditorium, Art Museum, and Commissions Building. The method resolved to site these additional buildings was to create axes. The primary axis terminates at one end with the Art Museum and at the other end with the proposed high-rise office building, which is not on civic center property. A secondary axis cuts the primary axis at the pool. The Auditorium and the City Hall terminate it. The third axis runs from the Library to the Post Office. It serves as the primary design link between the building groups on either side of Pershing Boulevard.

Circulation

Vehicular circulation is in accordance with the urban ranswal transportation plan. Willow Street and Pershing Boulevard will be the primary streets, planned with four lanes and a lh' median strip. Service access has been provided to all the buildings. The Art Museum parking area

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whete circulation is in accordance with the urban renewel trans-" also, Willow Street and Perguing Souleward will be the primary easons solves .qlyre mades the med a lift median sorrior sorvices Provided to all the buildings. The Art Museum parking area

provides access to a sculpture court. This will facilitate the moving of heavy or large pieces of sculpture. In contrast to many past examples of civic design, the buildings are not street oriented, excepting the buildings South of Pershing Boulevard. The primary entrances face the plaza in an attempt to give the pedestrian precedence over the motorist. Since stairs are unwelcome in public spaces, ramps were utilized wherever possible.

Spaces

The primary space in this Civic Center scheme is the large plaza bordered by the Auditorium, Art Museum, City Hall and Library. It serves as the focal point of the Civic Center. The plaza will function as an exhibition space, sitting area, and crowd collection point for the Auditorium and Art Museum. To the East of this area is a bosque cut by the primary axis in the form of a wide walk. It will provide shade and sitting space, and will also serve as a contrast to the openness of the plaza. Another area has been designed at the East end of City Hall. It intersects the Post Office-Library axis and helps unite the portion East of the Civic Center, while providing a sitting area in viewing space for the City Hall tower. The Health Center and Auditorium create a space, with shade provided by these buildings and the Art Museum. It will serve as an attractive entrance to the Health Center and a shaded sitting space.

Planting

Trees and shrubs have been utilized to create pleasing spaces as well as to give shade, add interest, and screen undesirable views. A proposed shallow storm sewer prevents the planting of trees in the median product to a scalpture. This will facilitate the moving of large misces of sculpture. In contract to many past examples a set of large misces of sculpture are not street oriented, excepting the contract of foresting moblevard. The primary entrances face the set of foresting moblevard. The primary entrances face the set of the star pedeatries precedence over the motorist.

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strip of Pershing Boulevard between Willow Street and Orange Street.

High branching trees have been chosen along Pershing Boulevard to provide an open view between the areas separated by this street. The bosque East of the plaza has been designed to give an "orchard" effect, while carrying the modular paving of the plaza into the planting scheme. Species of plants which are well adapted to the region have been specified in the planting plans.

Parking

Parking areas have been restricted to the periphery in order to separate vehicular traffic from pedestrian traffic as much as possible. The main parking area is located North of 29th Street. Its capacity is 25h cars. The Police and Courts Building has two parking areas with a total capacity of 58. The Post Office provides parking for 29 cars. The parking area West of the Commissions Building holds 66 cars. The area West of City Hall has a capacity of h8. Small parking spaces have been located close to the remaining four buildings, primarily for employee use. Their capacities are: Art Museum 10, Health Center 6, Auditorium 7, and Library 12. Total parking for the Civic Center is h90 automobiles.





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The best have been chosen along terming Scalevard to prothe between the steel separated by this street. The bosque
the has been designed to give an "orchard" effect, while
the castag of the plans into the planting scheme. Spethe steel adapted to the region have been specified

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Distinguished four buildings, primarily for employee use.

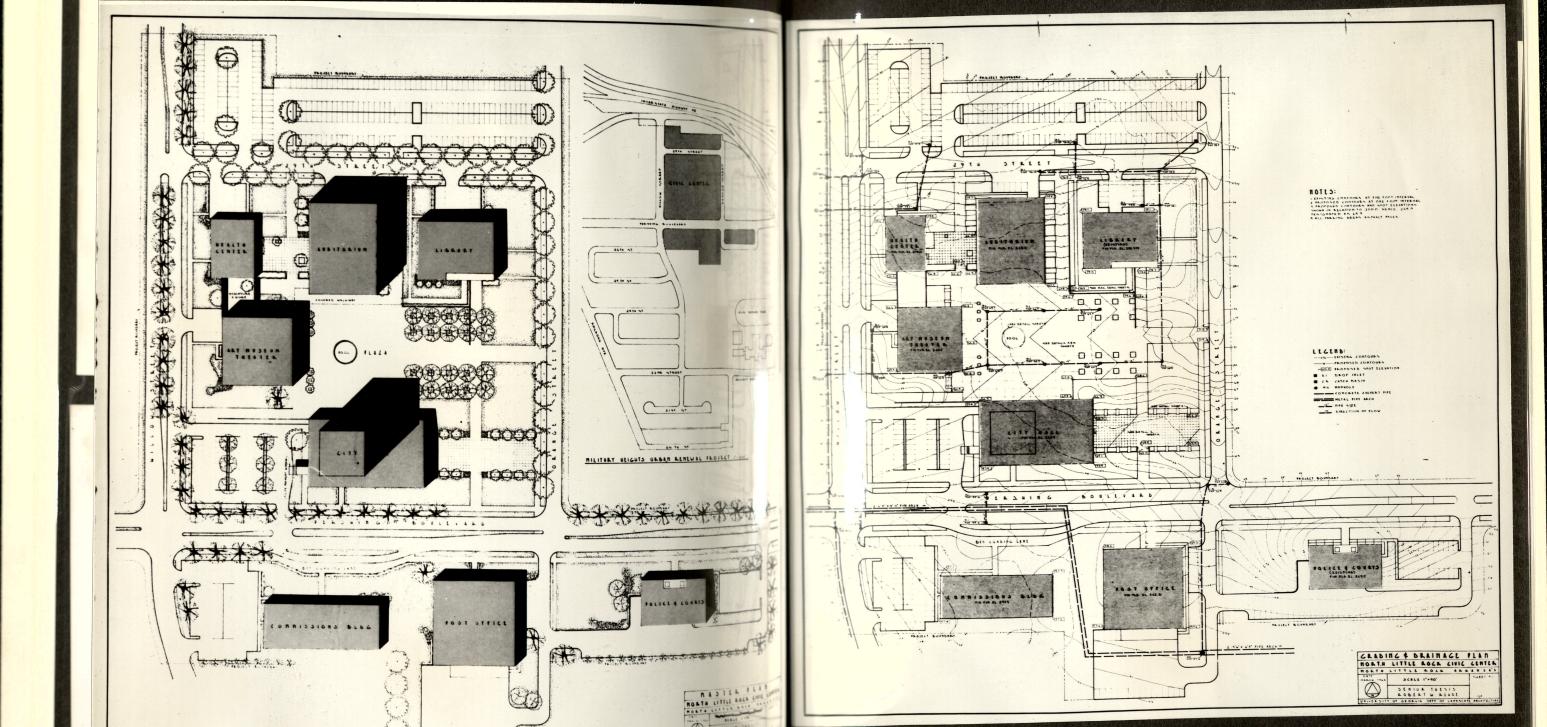
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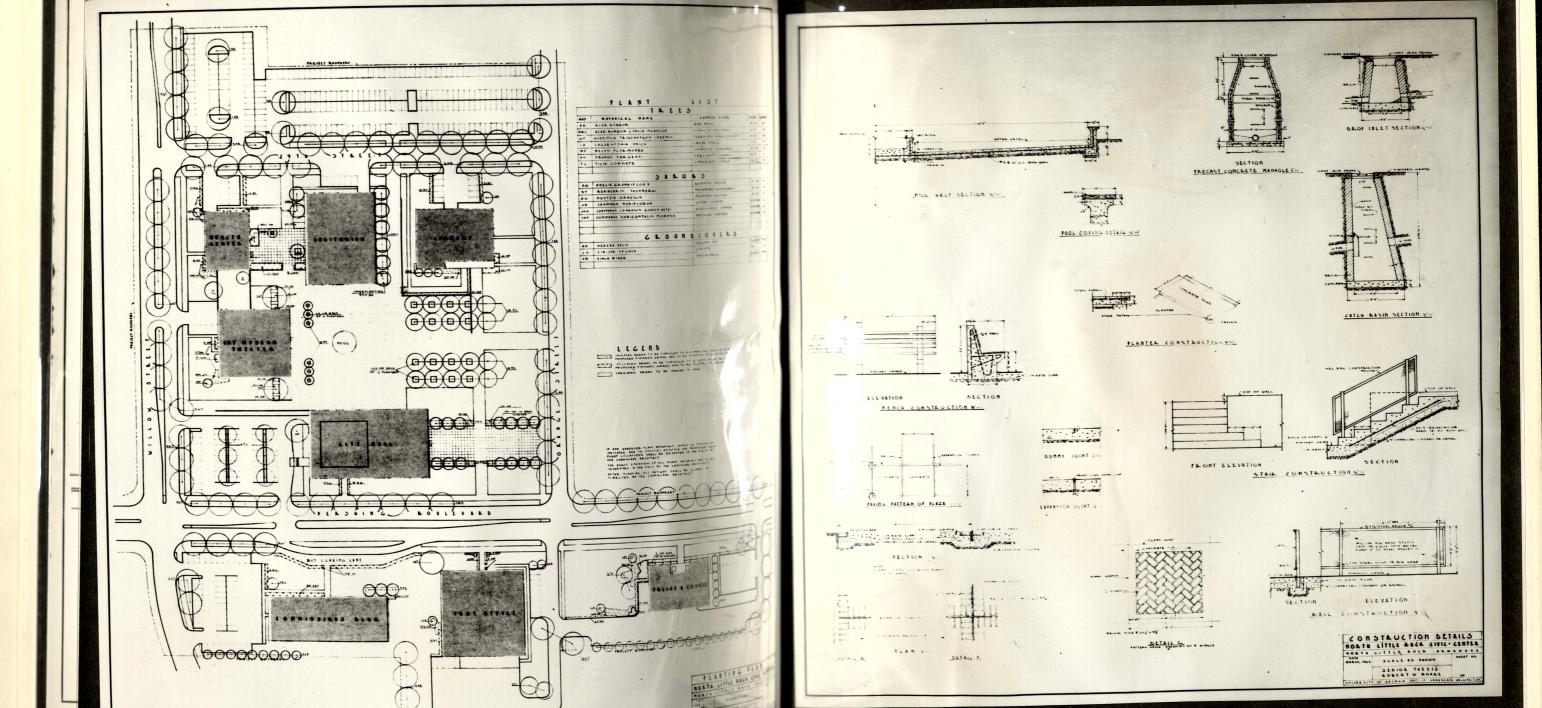


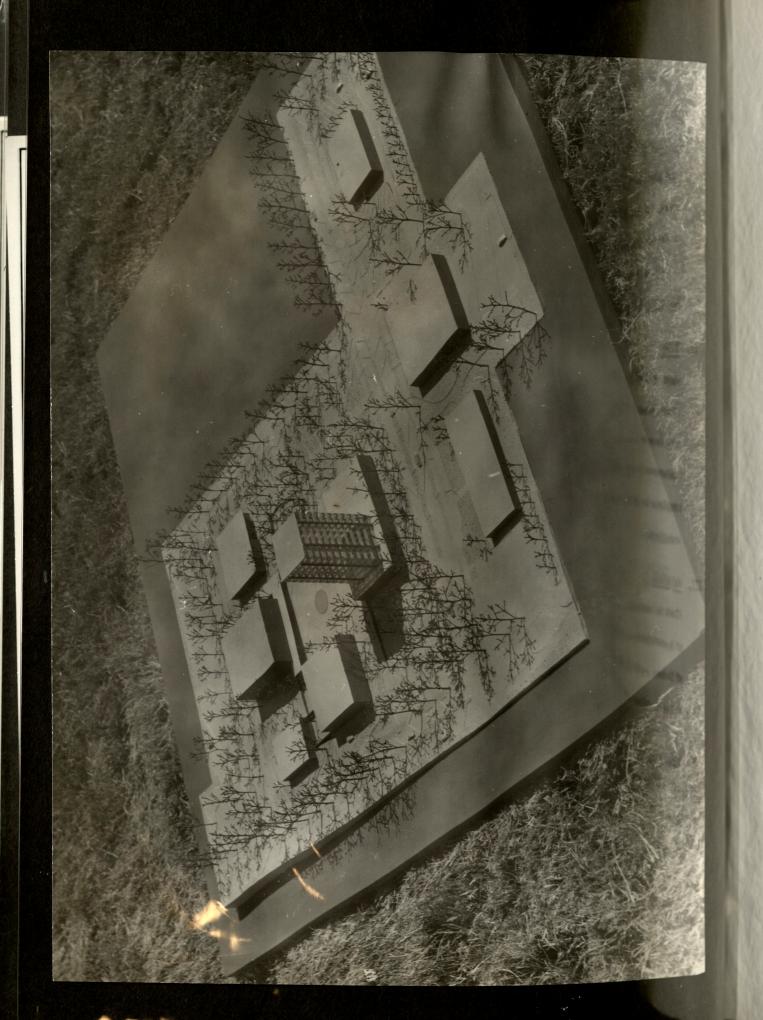












MASTER SPECIFICATION - PLANTING

I. SCOPE OF WORK - medical program and severding to appear harmery

Work shall include all materials, supplies, labor and equipment incidental to, and for the installation of planting as set forth herein. or indicated on the Planting Plan, or as ordered by the Landscape Architect, for the property of North Little Rock Civic Center at North Little Rock, Arkansas.

wird within a reasonable blow. Planting operations shall proceed

II. TIME

als which do not next specifications will be rejected by Work shall begin on the first work day after completion of the contract between City of North Little Rock, Arkansas, hereinafter called the Owner and hereinafter called the Contractor. Contractor shall have 90 calendar days in which to complete the work except as otherwise approved by the Landscape Architect.on the glass or as ordered by the Landscape Architect, The III. MATERIALS what werefy all disensions and elevations and notify

twint of any deviation or mitaation or manufall Plant materials shall be specimen plants, true to species and variety, of symmetrical growth, and well developed branch and root system, free of insect pests and diseases, norsery grown and meeting the standards of the American Association of Nurserymen.

IV. WORKMANSHIP - and I toward and evergraces shall be day is another larger

Staking out of plant materials shall be done prior to planting and in accordance with the plan. Stakes shall indicate the name of the plant for each location. The Landscape Architect will inspect the stakes and verify proposed plant locations prior to actual planting. Nursery stock shall, at all times, be protected from drying out and shall be

IV. WORKMANSHIP (continued)

planted within a reasonable time. Planting operations shall proceed under a well organized program and according to accepted nursery charter shall have their route adjusted to their sevent practice. position without providing together. Only culvertied and will be

V. SUBSTITUTION : company with the rector light will be highed in between

No substitution shall be made without the written permission of the Landscape Architect. Pall - Playts shall have the burlap taken many from

the upper part of the plant and sajasted so on not to form air

BUREAU BUS STEELSELD & KING OF REPERSE OF STREET, SALES O

so lead on constitution of a property of the state of the state of

Ours shall in used to preserve the solidity of the ball. All materials which do not meet specifications will be rejected by the Landscape Architect and shall be removed and replaced by the of plants shall be for the best effect. When shribs Contractor at his own expense with proper materials. in height the larger will be placed in the center of a group

VII. PLANTING INSTRUCTIONS

- (1) ALL PLANTING shall conform with the lines, grades and dimensions shown on the plan or as ordered by the Landscape Architect. The Contractor shall verify all dimensions and elevations and notify the Landscape Architect of any deviation or situation or unsafe condition which would adversely effect the satisfactory performance of the work or the intended result. All plants shall conform in size to the Plant List unless otherwise approved by the Landscape Architect. of the hole shall be occared with manage one
- (2) HOLES for small trees and evergreens shall be dug 18 inches larger than the diameter of the root ball. Holes for plants to be planted "bare root" or "loose ball" shall be dug to a minimum of 12 inches larger than the root spread. Holes shall be dug with vertical sides and horizontal bottoms. All plants shall be planted plumb

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planted within a reasonable time. Clasting operations small processed processed according to accepted narrang

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(2) south for small trees and everyreads shall be day if inches larger that the disaster of the roothell. Heles for plants to be planted to the root, or "loose hall" shall be day to a saintene of 12 inches larger than the root spread. Heles shall be sur with vertical denies and plants shall be planted plant.

VII. PLANTING INSTRUCTIONS - HOLES, Cont'd.

- and true. Minit! be the required to the place when the bull
- (3) BARE ROOT plants shall have their roots adjusted to their normal position without crowding together. Only pulverized soil will be placed in contact with the roots. Soil will be sifted in between the roots and no air pockets will be left.
- (h) BALLED AND BURLAPED Plants shall have the burlap taken away from the upper part of the plant and adjusted so as not to form air pockets. Care shall be used to preserve the solidity of the ball.

 Burlap shall not be pulled from underneath the ball.
- (5) ARRANGEMENT of plants shall be for the best effect. When shrubs vary in height the larger will be placed in the center of a group or at its wider part.
- (6) BACKFILL shall be composed of topsoil obtained from the excavation with materials unfit for this purpose removed. Clods will be broken up.
- (7) ACID SOIL plants, such as Azaleas, shall be backfilled with a mixture of topsoil, free from any alkaline material, with peat moss or leaf mold a minimum of 25 percent by volume well mixed in.
- (8) OTHER THAN ACID SOIL PLANTS shall have their holes prepared as
 follows: The bottom of the hole shall be covered with manure one
 inch deep and this incorporated from h to 6 inches into the soil.
 This layer shall be covered with a layer of topsoil one inch deep.
 This may be performed either before or after the depth of the pit
 is tested for the individual plant to go in, but must be repeated
 if the loose soil and manure is removed to deepen the hole.

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perison without providing together. Only pulverized continued to their normal position without providing together. Only pulverized could will be placed in contacts with the roots. Soil will be sifted in between the roots and no air pockets public to last.

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(3) administrate of plants shall be not to preserve the solidity of the ball.

(4) administrate of plants shall be for the dest effect. When shaubs wary in beight toe larger will be placed in the center of a group or at its wider part.

Office This poster of the nois shall be covered with manure one is the deep and this inscriptorabed from h to 6 inches into the soil. Inch deep and this inscriptorabed from h to 6 inches into the soil. This layer shall be covered with a layer of topsell one inch deep. This layer shall be covered with a layer of topsell one inch deep. This may be penformed sither before or after the depth of the pit in individual plant to go in, but must be reposted if the loose soil and mateure is removed to deepen the below.

VII. PLANTING INSTRUCTIONS - Continued:

- (9) EACH PLANT shall be thoroughly watered into place when the hole is approximately two-thirds filled with soil. Earth saucers shall be shaped around each plant after completion of well compacted backfill, forming an earth circle at least h inches in height, around the circumference of the hole and a few inches lower at the base of the plant.
- (10) ROOT PRUNING of bare root plants shall be accomplished to remove poorly formed or broken roots.
- (11) TOP PRUNING shall be performed as directed, to the satisfaction of the Landscape Architect. The general principals of pruning shall be as follows: remove all undesirable branches; those that tend to cross the plant; those that detract from the appearance of the plant; and tree branches that hang too low. Cut back until enough of all the branches are removed to balance roots cut in digging on all kinds of plants that usually receive a severe setback by being transplanted, such as Pyracantha. Cut surfaces over an inch in diameter shall be painted with tar or acceptable preservative.
- ment and protection in such manner so as to not injure them.

 Stakes shall be at least three feet long, of sound, sturdy, durable material (wood). Top dimension shall be a minimum of 3 inches; the bottom dimension a minimum of 2½ inches or a substitute approved by the Landscape Architect. Wire for guying trees shall be two strands 12 gauge malleable galvanized wire. Hose shall be new two-ply fabric

(9) Mill Plant shall be thoroughly watered into place when the bels is approximately two-thirds filled with soil. Earth seaders shall be approximately two-thirds of the completion of tell completed beauty forming an earth circle at least b inches in height, would the circumfercape of the hole side inches lower at the here of the plant.

(10) MOOF PREMIEW of bare root plants shall be accomplished to remove mootly formed or broken roots.

II) FOR PRINTIPO shall be performed as directed, to the satisfantion of the isodecape studitect. The general ordericals of pruntes shall be as follows: remove all undestrooms branches; those that shall be as follows: those that detrect from the appearance of the plant; those that detrect from the appearance of the plant; and true branches that hams boo low. Out back until mough of all the branches are removed to palance roots out in digressing transplanted, such as Tyresenthes. Out surfaces over an any wedney transplanted, such as Tyresenthes. Out surfaces over an laws in dismoser shall be painted with ter or acceptable preserve-

If any of trees shall be accomplished to insure their established and protection in such manner so as to not injure them.

Itakes shall be at least times feet long, of sound, sturdy, darable exterial (word). Too discosion shall be a sinimum of 3 inches; the better discounted a minimum of 2 inches or a substitute approved by the landscene architect. Wire for guying trees shall be two strands to landscene architect. Wire for guying trees shall be two strands to sawing maileable galvanies during trees shall be now two-ply fabric

VII. PLANTING INSTRUCTIONS - Continued:

bearing rubber hose with an inside diameter of not less than }

- (13) A MUICH or manure or substitute acceptable to the Landscape Architect shall be spread evenly one inch deep on the area of the saucer about each plant, except on the "acid-loving plants" which will be mulched with leaves 6 inches deep held in place by a little soil.
- (14) WATERING of plants shall be accomplished at frequent intervals.

 Water to be used should be clean, fresh water, free from any
 harmful or objectionable qualities or organisms.
- (15) MANURE will be well-rotted, unleached, stable or cattle manure, reasonably free from shavings, sawdust, or refuse, and shall not contain any harmful materials.
- (16) PEAT MOSS shall be brown; acid reaction about h to h pH; low in content of woody materials and free of mineral matter harmful to plant life; water absorbing capacity, 1100 to 2000 per cent; moisture content 30 per cent; natural, shredded or granulated.
- (17) VINES shall be planted in pits containing at least one cubic foot each of topsoil or prepared soil thoroughly mixed with one-third peat moss.
- (18) PLANTS ON SITE shall be moved with the same care and good nursery practice specified for nursery grown material. The method shall consist of moving the plant with all dirt practicable adhering to the roots, but without wrapping the ball in burlap or necessarily keeping it solid. The plant shall be dug without shaking the dirt

A ment seed for to medenath shish an dilw seed modern walness "I don't ensember of eldsigeous sinification in enters to dille to test shall be dorresd awanly one inch deep on the area of the dates Tedesta ansvel-blos" end no decome , deale note acome a ye enale at blest cesb second d several driv becoles at I'm . olevraint farepart to bedelignoons of Ifana atoale to bulgate (a) wine more come, medew days, amost so bimost been ed ad accor turning or optentionedly englished or organisms. premer affine we eldede badocates the dorostlew ad film deman () reasonably from thou showings, sandant, on refune, and chall not College and Annual College of the Co at wal and a of d specie and reserving sold plant to the tall the tall os fultared aptone fareain to part and sichreden about to section sless little water apporting capacity, 11.00 to 2000 par cent; noisterm content 30 per cents natural, shredded or granulated, a water Joo's sides end Jesel de paintaimos edio al bedraio ed fieda 2007 (?) build-ene disk bashs wingspeed thes bersching to thoses to man

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VII. PLANTING INSTRUCTIONS - Continued

from the roots and be carefully placed on burlap to be carried to its new location. Care shall be used not to dislodge dirt from the roots. Burlap may be left or removed after placing. Holes left by moving plants will be filled and tamped and smoothed to conform to natural grades.

VIII. CLEAN UP

reserved and replaced at the Contractor's expesse. For Removal of all debris from the planting operation, such as sacks, pots, tags, stakes, root and branch prunings, shall be performed each evening of every work day. All brickbats, rock, wood, debris, metal objects, and similar materials shall be collected as they are uncovered during planting and cultivation operations and shall be removed from the site leaving the completed work in a neatly policed condition.

IX. CONTRACTOR'S RESPONSIBILITIES

The Contractor will take such action as required to insure protection of any existing material, plants, structures or utilities, in, on or over the site, and will be responsible for damage to any of these in the performance of this contract. Contractor will not burn debris on the site. Contractor will at all times be responsible for the safety and conduct of his employees and representatives. He will conduct his operations and leave the site so as to in no way endanger the health or lives of anyone using the property.

X. QUARANTEE

All plant material shall be guaranteed for one year from acceptance of planting by the Landscape Architect except for material already

ANGERO METAGETIONS - Continued

From the roots and be carefully placed on burlap to be certied to the roots. Care whall be used not to dislode direction. Care whall be used not to dislode direction. Surlap may be left or removed after placing. Then the roots. Burlap may be left or removed after placing. Solar by moving plants will be filled and tamped and moothed to conferm to natural grades.

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The Contractor will take such action as required to insure protection of any existing material, plants, structures or utilities, is, on or over the site, and will be responsible for damage to any of these in the performance of this contract. Contractor will not burn debrie on the site, Contractor will at all times be responsible for the safety and conduct of his employees and representatives. He will conduct his operations and leave the site so as to in no way endanger the hardto or lives of anyone union the property.

ill plant material shall be guaranteed for one year from acceptance of planting by the landicage Arthoteed except for selected already

X. OUARANTEE, Continued

on the site to be moved as a part of the contract. All plant material so guaranteed, which are not in a healthy and vigorous growing condition, upon inspection by the Landscape Architect, shall be removed and replaced at the Contractor's expense. For this purpose, the Landscape Architect will make one inspection 30 days after initial acceptance and one inspection one year after initial acceptance. The Contractor may, during the period of the guarantee, make periodic inspection, maintenance and watering, feeding or weeding as required.

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BOTABICAL NAME

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Halus floribunda

Prunus Sargenti rilla cordata

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