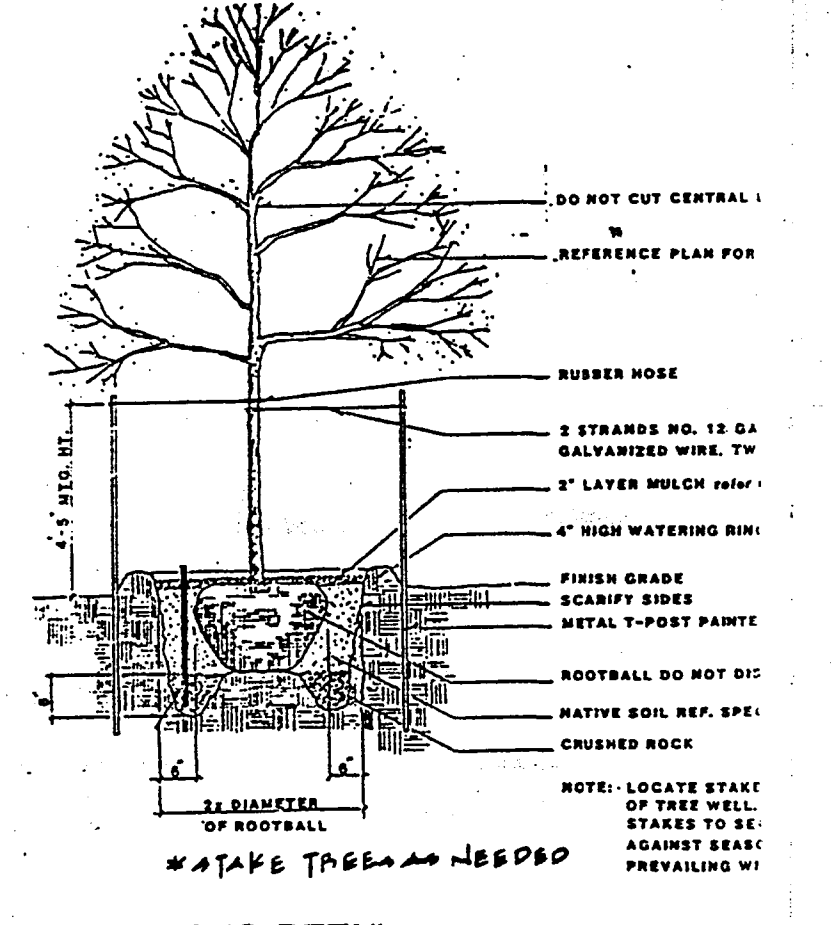
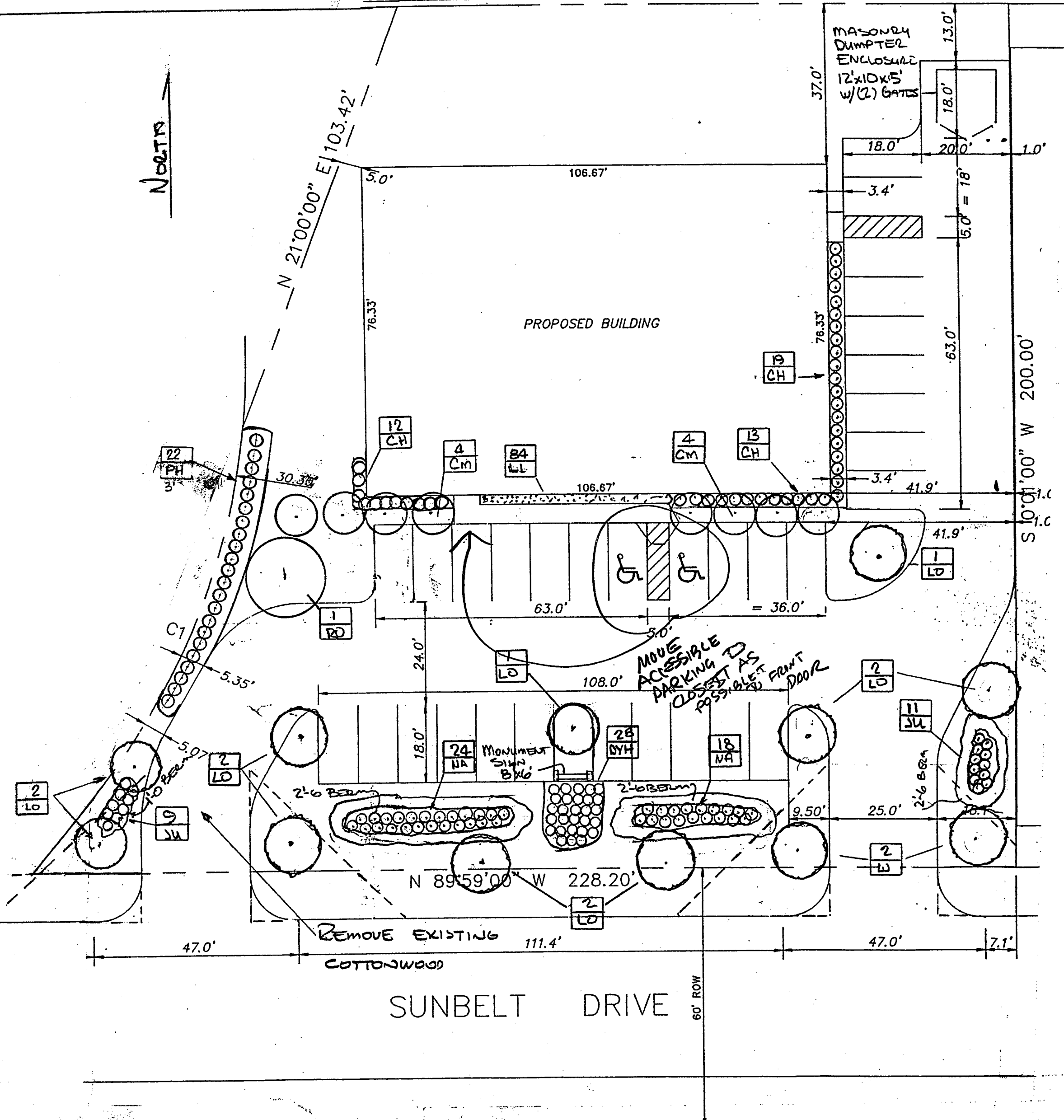
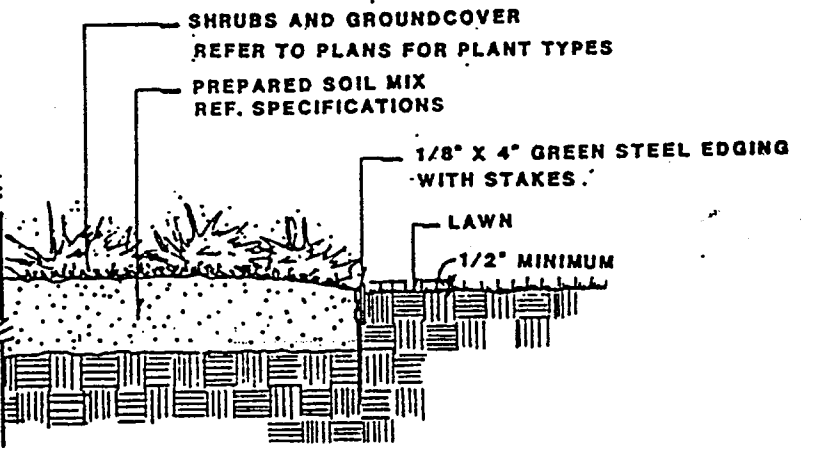


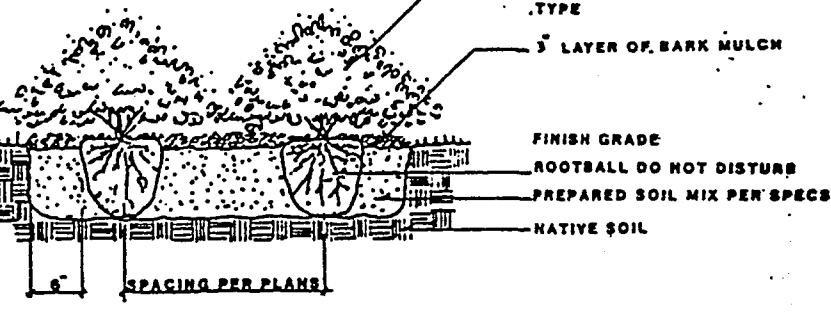
S 89°59'00" E 140.25'



TREE PLANTING DETAIL



SHRUB PLANTING DETAIL



STEEL EDGING DETAIL

- SECTION 0330 - LANDSCAPE**  
PART 1 - GENERAL
- 1.01. REFERENCES:
    - A. Refer to bidding requirements, special provisions, general provisions and schedules for additional requirements.
  - 1.02. DESCRIPTION OF WORK:
    - A. Work Included: Furnish all labor, supervision, materials, services, equipment and supplies required to complete the work shown on the drawings and in the schedule. Approval must be received by the City with governing authority.
    - B. After final acceptance of the work, the Landscape Contractor will not be required to complete any of the above items as originally specified.
  - 1.03. REFERENCES:
    - A. American Standard for Nursery Stock published by American Association of Nurserymen, 20 October 1983 Edition.
    - B. Edition of Standardized Plant Names and Nomenclature 1942 by the American Nurserymen's Association.
    - C. Texas Horticulture, 1976 - Cornell University.
  - 1.04. NOTIFICATION OF WORK:
    - A. The contractor shall within ten (10) days following acceptance of the bid, notify the Architect of the sources of materials and methods of preparation to be used for the project.
  - 1.05. JOB CONDITIONS:
    - A. General Contractor to complete the following punch list:
      - 1. Prior to Landscape Contractor installing any portion of landscape installation, to leave bed areas with 1/2 inch (1/2") minimum, three inch (3") minimum below finish grade of sidewalks, drives and curbs as shown on the drawings. The thickness of the bed area shall be one inch (1") above the finish grade of all sidewalks, drives and curbs.
      - 2. Construction details shall be reviewed prior to Landscape Contractor beginning any work.
    - B. Source of materials and equipment at the job site will be at the risk of the Landscape Contractor. The owner cannot be held responsible for theft or damage.
  - 1.06. MAINTENANCE AND GUARANTEE:
    - A. Maintenance:
      - 1. The Landscape Contractor will be held responsible for the maintenance of all work from the time of planting until final acceptance by the Architect. No trees, ground cover or grass will be accepted unless they show a healthy growth and satisfactory foliage condition. The contractor shall maintain the trees and plants in a healthy condition until they are well established and ready for maintenance. The contractor shall be responsible for the maintenance of all trees and plants until they are well established and ready for maintenance.

- 2. Quality and Size: Plant material shall conform to the size given on the plan and shall be sound, healthy, vigorous and free from insect and disease. All plants shall be inspected by the Architect or Designer. All plants shall be inspected by the Architect or Designer. All plants shall be inspected by the Architect or Designer.
- 3. Approval: All plant material shall be subject to the approval of the Architect. All plants that are found unsuitable in growth or in any way, shall be replaced or substituted by the Landscape Contractor and replaced with acceptable plants as specified.
- 4. Non-transferable contracts: Contractor must specify for clarification, the term "well rooted" defines a plant having three (3) or more roots of nearly equal diameter.
- 5. Pruning: All pruning of all landscape trees and shrubs, as directed by the Architect shall be executed by the Landscape Contractor at the site and to the satisfaction of the Architect.
- 6. Organic Material: Compost with a mixture of 80% vegetable fine and coarse organic material. Hydrants should be a mix of fine and coarse organic material.
- 7. Mulch for planting bed areas shall be shredded hardwood.
- 8. Grass Areas:
  - 1. Soil and bermudagrass: Blocks of sod shall be laid joint to joint after fertilization for the ground first to be sown. Areas to achieve a smooth, even surface. The joints between the blocks shall be filled and tamped down thoroughly.
  - 2. Hydroponic: Common bermudagrass: shall be extra balled and treated two type seed. Delivered to the site in its original unopened container and shall meet State law requirements.
- 9. Steel curbing: Shall be Ryerson "Batac Curbing" 1/2" x 4" with stakes or equal.
- 10. Do not wrap trees.
- 11. Do not ever prune.
- 12. Mulch the top of the ball. Do not plant grass all the way to the trunk of the tree. Leave the area above the top of the ball unplanted and mulch with at least two inches (2") of compost.
- 13. All plant beds and trees to be mulched with shredded hardwood spread to a minimum needed thickness of two inches (2") over the entire area of bed or pit.
- 14. Obstruction below ground: In the event of rock or underground construction work or obstructions are encountered in any plant pit excavation work to be done under this section, alternate locations may be indicated by the Architect. Where locations must be indicated, the obstructions shall be removed to a depth of one inch (1") below the bottom of ball. When plants are properly set in the required grade, the work of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.
- 15. Pruning and mulching: Each tree shall be pruned in accordance with standard horticultural practice to preserve the natural character of the plant and in the manner fitting its use in the landscape design.
  - 1. Dead wood or snags and badly bruised or broken branches shall be removed. General tipping of all branches is not permitted.
  - 2. Pruning shall be done with clean sharp tools.
  - 3. Immediately after pruning operations are completed, all tree pits shall be planted with a layer of organic material (one layer) and the soil shall be tamped down.
  - 4. Areas are to be installed on the planting bed side of the curbing.
- 16. Cleanup and acceptance:
  - A. Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all material shall be organized and clearly marked. Debris shall be removed from the site as work progresses.

- 1. Callulose fiber mulch shall be natural wood fiber mulch produced from grinding class, white waste wood chips. The mulch shall be designed for use in conventional mechanical planting equipment or hydraulic equipment. The mulch shall be such that when applied, the material shall form a strong mat over the soil.
- 2. The hydroponic shall be composed of virgin wood cellulose fibers and shall contain no petroleum or growth habituating factors. It shall have a consistent texture which disperses evenly and remains suspended in activated water. It shall have a temporary green dye and the following properties:
  - Moisture Content: 5.5% +/- 1%
  - Organic Matter: 88.2% +/- 1%
  - pH: 6.5 +/- 0.5
  - Water holding capacity: 0.8 +/- 0.1
  - Grass of fiber: 15% maximum
- 3. The mulch shall contain a biodegradable stabilizer agent included in its manufacture or as a separate additive in the areas specified by the manufacturer. The purpose of the stabilizer is to further enhance the erosion control of the mulch.
- 1.01. PREPARATION AND FERTILIZATION:
  - A. Landscape Contractor to inspect all existing conditions and report and discrepancies to the Architect.
  - B. All planting areas to be conditioned as follows:
    - 1. Prepare new planting beds by scraping away existing grass and weeds as necessary. Apply fertilizer to soil according to manufacturer's instructions to a depth of three inches (3") below grade and no less than the required grade. The work of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.
    - 2. All planting bed areas shall receive a two inch (2") layer of mulch.
    - 3. Backfill for tree pits shall be as follows: Use existing top soil on site. Free from clumps, placed in 5" layers and watered in thoroughly.
  - C. Grass Areas:
    - 1. Grass to be sown and bermudagrass: Blocks of sod to be laid joint to joint after fertilizing the ground first to be sown. Areas to achieve a smooth, even surface. The joints between the blocks shall be filled and tamped down thoroughly.
- 1.02. INSTALLATION:
  - A. Maintenance of plant materials shall begin immediately after final acceptance by the Architect.
  - B. Plant materials shall be delivered to the site only after the site has been prepared and ready for planting. All shipments shall be inspected and thoroughly inspected from the time of shipment until they reach the site. All plants that cannot be planted at once after delivery to the site, shall be well protected against the possibility of drying by wind and sun. All plants shall be kept covered with soil or other material. All plants shall be kept covered with soil or other material until they are planted. The property of the Landscape Contractor shall be maintained throughout the project.
  - C. Position the trees and shrubs or stakes their position according to the plan.
  - D. Notify the Architect for inspection and approval of all landscape materials.
  - E. Excavate pits with vertical sides and horizontal bottoms. Tree pits shall be large enough to permit handling and planting without injury to the ball of earth or roots and shall be of such depth that when planted and settled, the crown of the pit shall meet the same height to the finish grade that it is to be planted at.
  - F. Shrub and tree pits shall be no less than two (2") feet wider than the lateral dimensions of the earth ball and six inches (6") deeper than its vertical dimension. Remove and haul from site all roots over two inches (2") in diameter. Plants should be thoroughly watered before removing from containers.
  - G. Dig a wide rough sided hole exactly the same depth as the height of the ball especially the necessary to the ground. The sides of the hole should be rough and jagged; never slick or glazed.
  - H. Run a peak test. Fill the hole with water and wait until the water level has subsided. If the water level has subsided, the tree needs to be moved to another location or be balled and wrapped.
  - I. Backfill with the existing soil that came from the hole. When the hole is deep in solid rock, the soil from the area should be used. Some rock shall be used. The soil shall be filled to the top of the hole. The soil shall be filled to the top of the hole. The soil shall be filled to the top of the hole.

PLANT MATERIAL			
QTY	COMMON NAME	BOTANICAL NAME	SPECIFICATIONS
1	Shumard Red Oak	Quercus shumardii	4" caliper, 14' high
52	Nandina	Nandina domestica	5 gallon container, space 3'0
20	Juniper	Juniperus	in staggered rows
20	Bar Harbor	Bar Harbor	1 gallon container 16" o.c.
8	Crape Myrtle	Lagerstroemia indica	Dallas Red
			6' High, multi trunk
12	Live Oak	Quercus virginiana	4" caliper, 8'-10'
			prune to 6'0 in sight triangle
44	Holly	Ilex cornuta	5 gallon container, space 3'0
28	Dwarf You.	Ilex vomitoria	5 gallon container, space 3'0
			in staggered rows.
22	Fraser Photinia	Photinia fraseri	5 gallon container, 4' o.c.
4	Berms	Liriodopsis muscaria	4" pots on 8" centers
			Minimum crown 3'0", 3:1 sides
			Height 2'6"

- NOTES**
1. Landscape contractor shall submit as built drawings at the completion of the project.
  2. Landscaped areas must be maintained in a healthy, growing condition at all times.
  3. Property Owner is responsible for regular weeding, mowing of grass, fertilizing, pruning and other permanent maintenance of all plantings as needed.
  4. All trees shall be planted a minimum of 3' away from curbs, walks, walls, structures, etc.
  5. All planting beds and lawn areas to be separated by steel edging.
  6. Landscape Contractor to locate all underground utilities before beginning construction and notify Owner of any subsequent conflicts.
  7. Landscape Contractor to field verify location of all existing and proposed site elements and report any discrepancies to Owner.
  8. All planting beds and lawn areas to slope away from structures a minimum of two percent (2%).
- LANDSCAPE NOTES**
1. Contractor shall verify locations of all existing and proposed site elements and notify Architect of any discrepancies. Survey data of existing conditions shall be supplied by others.
  2. Contractor shall locate all existing underground utilities and notify Architect of any conflicts. Contractor shall exercise caution when working in the vicinity of underground utilities. Contractor shall verify Engineer's drawing to the extent of existing and proposed utilities.
  3. Contractor is required to obtain all landscape and irrigation permits.
  4. Contractor to supply a minimum of 21 slope away from all structures.
  5. All planting beds and lawn areas are to be separated by steel edging.
  6. All landscaped areas to be irrigated with an underground automated irrigation system with freeze and rain controls.
  7. All lawn areas to be hydroponized with bermudagrass, unless otherwise noted on the drawings.

OWNER: Harry Schmidt  
12770 Merit  
Suite 122  
Dallas, Texas 75251  
972-458-9571

ARCHITECT: Sunbelt  
4014 Dexam Road  
Rowlett, Texas 75088  
972-770-9687

PROJECT: HMS JEWELRY, INC.  
Sunbelt  
Addison, Texas  
Lot 14 Block B

Lot Size: 35,498'  
Landscape Req'd: 7,100'  
Landscape Furnished: 16,025'  
Sunbelt Buffer: 32'

SEAL: REGISTERED ARCHITECT  
HARRY SCHMIDT  
STATE OF TEXAS

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405 LANCASTER HUTCHINS ROAD, HUTCHINS, TEXAS 75141  
(214) 225-2397

Customer Name - H.M.S. JEWELRY, INC.

Project Location - SUNBELT DR. ADDISON, TX

Date: 2/97 Design Load: UBC '91 Building Size: 76'x106'x15'

Scale: 1/4"=1'-0" Job No. 2-J-97 DRAWING NO. A3 Issue No. 1