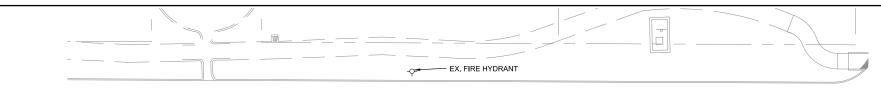
REMOVED AND LINE BUIRED

PRO. DUMPSTER

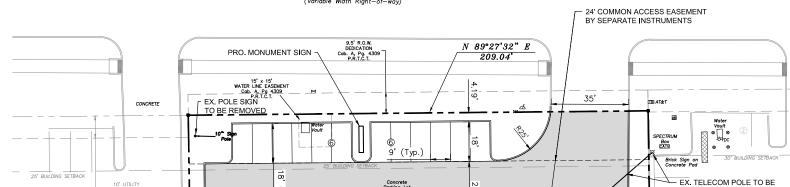
LOT 4, BLOCK 1

S 00°44'32" E 296.74'

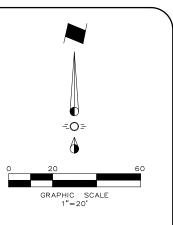
18'



# BEDFORD-EULESS ROAD







# <u>LEGEND</u>

Firelane

Proposed Sidewalk

Proposed Wheel Stop Typical

-Ò- Existing Fire Hydrant BFR Barrier Free Ramp

SITE DATA TABI	-E		
GARVON ADDITION	LOT 1, BLOCK 1		
LOT SIZE	1.420	ACRES	
LOT SIZE	61,835.89	SF	
EXISTING ZONING	C2	1	
PROPOSED ZONING	C2		
BUILDING HEIGHT	25' - 6"		
USE / BUILDING A	REA		
WAREHOUSE	18,170	SF - 59.5%	
CHURCH	1,851	SF - 6.1%	
MULTI USE	10,500	SF - 34.4%	
TOTAL	30,521	SF	
REQUIRED PARKI	NG		
WAREHOUSE (1 PER 3000 S.F.)	7	SPACES	
CHURCH (1 PER 3 SEATS);(24 SEATS)	8	SPACES	
MULTI USE (1 PER 250 S.F.)	42	SPACES	
TOTAL	57	SPACES	
PARKING PROVIDED	48	SPACES	
HANDICAP REQUIRED	2	SPACES	
HANDICAP PROVIDED	2	SPACES	
COVERAGE	49.3	6%	

<sup>\*</sup> PARKING PROVIDED TOTAL INCLUDES HC PARKING

# **ENGINEER:**

Revision & Date

Cross Engineering Consultants, Inc. 1720 W. Virginia Street McKinney, Texas 75069 Phone (972) 562-4409 Fax (972) 562-4471 Contact: Mitchell Mulholland

# <u>DEVELOPER</u>

Slate Commercial 5729 Lebanon Rd. #144589 Frisco, Texas 75034 Phone (214) 718—2626 Contact: Kris Ramji

# ARCHITECT:

JAW Architects, Inc. 1620 Yukon Drive Burleson, TX 7628 Phone (817) 705–3387 Contact: Jeramy Williams

# SURVEYOR: Ringley & Associates 701 S. Tennessee St. McKinney, TX. 75069 Phone (972) 542-1266 Fax (972) 542-8682 Contact: Lawrence Ringley



NOTE: THIS IS NOT A CONSTRUCTION DOCUMENT.
THIS DOCUMENT IS FOR CONCEPTUAL PLANNING PURPOSES ONLY.

(@ least 72 hours prior to digging)

SITE PLAN

GALACTIC GLASS MULTI-TENANT BUILDING

BER PARTNERS, LLC

NORTH RICHLAND HILLS, TEXAS

# CITY BENCHMARK USED FOR CONTROL

TO REMAIN

N 00°53'28" W 295.99

NRH #33 = 2" aluminum disk stamped "City of North Richland Hills" "GPS No. 33" in the northeast corner of a 5' concrete curb inlet on the east side of road the Mall. 650' northwest of the intersection of road to the Mall and Grapevine Highway. Elev.=578.35

# SITE BENCHMARKS

S 89°39'59" W 208.27

1-STORY CONCRETE BUILDING LOT 1, BLOCK 1 GARVON ADDITION Cab. A, Pg. 4309 P.R.T.C.T. BER PARTNERS, LLC Inst. No. D208222099 D.R.T.C.T.

BM-1=``X'' in southwest corner of a concrete curb inlet on the south side of Bedford-Euless Road west of the driveway entrance on the west adjoiner property,  $60^\circ\pm$  west of the northwest corner of the subject property. Elev.=573.56

EX. TRANSFORMER TO REMAIN

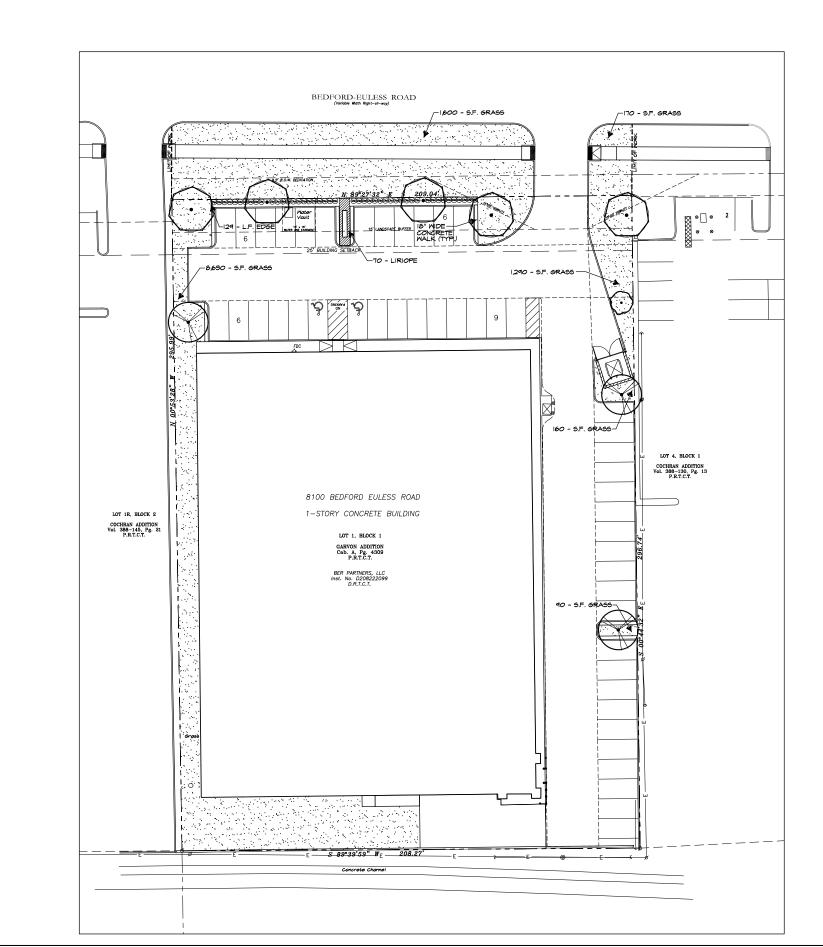
BM-2 = "Y" in concrete flume  $0.75^{\circ}\pm$  west of the southeast corner of the subject property. Elev.=570.80

8" PVC BM-2 E-562.34 EL-570.80

Drawn By: Checked By: Scale:

CROSS ENGINEERING CONSULTANTS

THIS DOCUMENT IS
RELEASED FOR THE
PURPOSE OF INTERIM
REVIEW UNDER THE
AUTHORITY OF JON
DAVID CROSS, P.E. NO. 82618 ON 8/10/23. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.



# LANDSCAPE TABULATIONS

LANDSCAPE AREA

PARKING TREES

TOTAL SITE AREA REQUIRED LANDSCAPE AREA (61,836 × 15% =) PROVIDED LANDSCAPE AREA

61,835.89 S.F. 9,276 S.F. 7,489 S.F.

LANDSCAPE BUFFER
LANDSCAPE BUFFER ADJACENT TO PUBLIC R.O.W.
ONE 3" CANOPY TREE PER 40 L.F. BEDFORD-EULESS ROAD

3 TREES 3 TREES

FRONTAGE LENGTH
TREES REQUIRED (180 / 40 = 4.5) TREES PROVIDED

ONE 3" CANOPY TREE PER 20 PARKING SPACES TOTAL PARKING SPACES
PARKING TREES REQUIRED (48 / 20 = 2.4)
PARKING TREES PROVIDED

180.00 L.F. 5 TREES 5 TREES

Issued For: CONSTRUCTION 23119

Phone

75069

JDG

|" = 20'-0" Drawn By: Date 08-09-2023

		LARGE	TREES	
QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE & CONDITION
5	$\odot$	CEDAR ELM	Ulmus crassifolia	9" caliper, 10'-12' Ht./ 4-5' spread, B&B, straight trunk.
3		CHINESE PISTACHE	Pistachia chinensis	9" caliper, 10"-12" Ht./ 4-5" spread, B&B, straight trunk.

ORNAMENTAL TREES				
QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
ı	$\odot$	MUSKOGEE CRAPE MYRTLE	Lagerstroemia indica 'Muskogee'	8' Ht./3' spread min., 30 Gallon, 3 Trunk Min., full , bushy tree formed, specimen.

		SI	HRUBS	
QUANTITY	SYMBOL	COMMON NAME	SCIENTIFIC NAME	SIZE AND CONDITION
46	®	DWARF BURFORD HOLLY	llex cornuta 'Burfordii nana'	5 gallon, 20"-24" Ht./Iô"-20" spread, full, bushy, specimen
70		BIG BLUE LIRIOPE	Liriape muscari 'Big Blue'	l gallon, 12" Ht./12" spread, bushy, full to ground
		TUF	RF GRASS	
11,940 S.F.	EES	S.F. GRASS BERMUDA GRASS	Cynodon dactylon	Solid sod

# MISCELLANEOUS

ALL LANDSCAPE BEDS SHALL BE EXCAVATED 2" IN DEPTH AND SOIL REMOVED. THEN FILLED WITH 2" OF "PROFESSIONAL BEDDING SOIL" FROM LIVING EARTH TECHNOLOGY AND TILLED TO THE DEPTH OF 4".

ALL LANDSCAPE BEDS AND TREE WELLS SHALL RECEIVE A TOP DRESSING OF 2" DEEP "FINE SHREDDED HARDWOOD MUCH" FROM LIVING EARTH TECHNOLOGY.

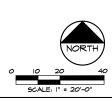
LANDSCAPE CONTRACTOR TO VERIFY ALL QUANTITIES

# Multi-Tenant Building Glas Galactic North Richland Tennessee Street - Mc





Plan andscape



Sheet Number: L1 of L2 Sheets

# LANDSCAPING

# PART I - GENERAL II SCOPE

II labor, materials and equipment for complete installation of landscaping, as on the drawings and specified herein.

# 1.2 RELATED WORK SPECIFIED ELSEWHERE:

- A. Irriaation Sustem
- B. Lawns
- G Forthwork

- Provide plant materials in compliance with applicable State and Federal laws relating to inspection for diseases and insect infestation at growing site.
- Plants are subject to inspection and approval by the Landscape Architect. Plants required for the ruork may be inspected and tagged at the growing site before being dug.
- Employ only qualified personnel familiar with required work
- Off-site topsoil and topsoil on-site Testing (paid by Landscape Contractor)
- Provide source of off-site soil ( if Required For Job )to the Owners representative for the purpose of soil investigation.
- 2. Take random representative soil samples from areas to be planted.
- Test soil samples from both sources for pH, alkalinity, total soluble salts, porosity, sodium content and organic matter.
- File Certificate of inspection of plant material by State and Federal authorities with Landscape Architect, if required by State.

- American Standard for Nursery Stock, approved 1986 by American National Standards Institute, Inc. Plant materials.
- Hortus Third, 1976 Cornell University Plant nomenclature
- ASTM American Standard Testing Material Sharp sand.

# 1.5 PRODUCT DELIVERY, STORAGE AND HANDLING:

- Do not deliver more plant materials than can be planted in one day unless adequate storage and indering facilities are available on job site. Storage of materials and aquipment at the job site will be at the risk of the landscape contractor. The owner will not be held responsible for theft or damage.
- palled plants cannot be planted within 24 hours after delivery to site, stect root balls by heeling in with saw dust or other approved materia
- Protect during delivery to prevent damage to root ball or desiccation of
- Notify Landscape Architect of delivery schedule 48 hours in advance so plant material may be observed upon arrival at job site.

Perform actual planting only when weather and soil conditions are suitable in accordance with locally accepted practice. In no way shall any trees, plants, ground cover or seasonal color obstruct drainage or block a 2% minimum positive slope away from buildings.

- Maintain grade stakes set by others until removal is mutually agreed upon by parties concerned.
- Coordinate work with irrigation contractor to prevent damage to underground sprinkler system.

- Replace plants and trees nith same kind and size as originally planted, at no cost to the Owner. Provide one-year warranty on replacement plants. These should be replaced at start of nest planting or digging season. In such cases, remove dead trees immediately. Protect irrigation spition and other plant go and it or other north army professionants. Report ony damage immediately.
- Marranty excludes replacement of plants after final acceptance because of injury by storm, drought, drowning, hall, freeze, insects or diseases.
- At the end of the warranty period, staking and guying materials if required shall be removed from the site.

- Mater: Mill be available on site. Provide necessary hoses and other watering equipment required to complete work.
- A written notice requesting final inspection and acceptance should be submitted to Landscape Architect or owners representative within seven (1) days prior to completion. At that time owner and Landscape Architect will prepare a final punch list to be reviewed with the landscape contractor.
- Following final acceptance, maintenance of plant material will become the Owner's responsibility. The Contractor shall provide Owner with a recommended maintenance program.

- Florite shall be equal to nell formed No. I grade of better, symmetrical, heavily branched nith an even branch distribution, densely foliated and/or budded, and a strong stroight, district leader where this is characteristic of species. Florits shall possess a normal balance between height and spread. The Landscape Architect will be the final orbiter of acceptability of plant form, either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plants as specified.
- Plants shall be healthy and vigorous, free of disease, insect pests and their eggs
- Plants shall have a mell-developed fibrous root system.
- Plants shall be free of physical damage such as scrapes, broken or split branches, scars, bank abrasions, sun scalds, freeh limb cuts, disfiguring knots, or other defects.
- Pruning of all trees and shrubs, as directed by Landscape Architect, shall be executed by Landscape Contractor at no additional cost to the Owner.
- Piants shall meet the sizes indicated on the Plant List. Where a size or caliper range is stated, at least 50% of the material shall be closer in size to the top of the range stated.
- Plants indicated "848" shall be balled and buriapped. Plants shall be nursery grown unless otherwise specified in plant list. Balls shall be firm, need, slightly be accepted why three plants in the ball or with the plant of the plants with the same plant of the ball or the same plants will be rejected. Balls shall be ten (CO') inches in diameter for each one (I') thin of brink clientete, measured ask (6") halles above ball.
- Container grown plants shall be well rooted and established in the container in which they are growing. They shall have grown in the container for a sufficient length of time for the root suptem to hold the planting medium when taken from the container, but not long enough to become root bound.

- Peat Moss: Commercial sphaanum moss or huphum peat
- Pre mixed soils can be used as long as samples are submitted with submitted with manufacturer's data and laboratory test reports.

- Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones, and other extraneous material and reasonably free of needs and foreign
- Clay between 7-27 percent Silt between 28-50 percent Sand less than 52 percent
- Sharp Sand: Clean, mashed sand, (fine aggregate) ASTM C-33

- Fertilizer shall be delivered in manufacturer's standard container printed with manufacturer's name, material vields, and guaranteed analysis. Fertilizers with NP-K analysis other than that specified may be used provided that the applicates per square foot of nitrogen, phosphorus, and potassium is equal to that
- Commercial Fertilizer for Planting Beds: Complete fertilizer 5-10-5 element ratio with minimum 8% sulfur and 4% iron plus micro-nutrients.
- Controlled-Release fertilizer planting tablets for tree planting pits, shall be equa to Agriform 20-10-15 planting tablets as manufactured by Sierra Chemical Co., Milpitas, Colifornia 450-55 or approved equal.

# 2.4 MULCH:

Bank mulch shall be hardwood mulch chips, ranging in size from 1/4-inch to 1-inch in size, medium fine texture, shredded.

- New bed areas will be left within one tenth of a foot of finish grade by other trades. Contractor will be responsible for raking and smoothing of grade.
- Examine subgrade upon which work is to be performed. Notify the Landscape

- All shrubs to be pocket planted. Excavate planting hole 3" larger than the width and height of the root ball. Backtill with I/3 (soil mix and/or peatmose), I/3 native soil and I/3 and/oam.
- Flant where located, setting plants with tops of balls even with tops of bads, and compact soil carefully around each plant ball.
- Mater each plant thoroughly with hoses to eliminate air pockets

- Till 2 inches minimum of thoroughly mixed prepared soil or equal in all planting bed

  - I. I part sendy loam
    I part peed mass
    I part sharp sand
    Add 4 pounds commercial fertilizer per IOO SF of bed area and mix
    thoroughouted, setting plants with tops of balls even with tops of beds, and
    compact soil carefully around each plant ball.
- Mater each plant thoroughly with hoses to eliminate air pockets.

Plant ornamental trees in pits 12-inches larger than the root ball. Plant shade trees in pits two feet greater in diameter than root ball and equal to depth of root ball.

Carefully prune plants to remove dead or broken branches and hand-rake bed areas to smooth even surfaces, and mulch bed areas I inch deep.

- After excavation of tree pits, review nater percolation.

  If tree pit does not drain adequately prepare hole for use with a tree sump. Paint
  PKC stand pipe and cover dark green. After tree is installed, pump nater out on
  a daily basis.
- a any oties.

  In the event rock or underground construction work or obstructions are encountered in any plant pil excavation work to be done under this section, alternate locations may be selected by the Landscape Architect. Where locations cannot be changed the obstructions shall be removed to a depth of not less than ski (6°) inches below bottom of ball when plant is properly set at the required grade. The nork of this section shall include the removal from the site of such rock or underground obstructions encountered at the cost of the Landscape Contractor.
- Backfill tree pits with a mixture of 1/2 prepared soil and 1/2 existing site soil. Lightly tamp every 6-inches to fill all voids and pockets. When pit is 2/5 full, water throughly and leave nater to sock. In Place Fertilizer planting tobales per manufacturers recommendations. Complete backfilling and form a saucer around the factors.
- Completely fill each tree soucer with mulch to a depth of two inches.
- Contractor shall keep trees plumb until established. Gujing and/or staking to maintain that plumb condition shall be at the Contractor's discretion. However, if trees are not plumb, the Contractor will be required to guy and/or stake those trees in a method acceptable to the Landscape Architect at no additional cost to
- Pruning. Frune trees to preserve the natural character of the plant in a manner appropriate to its particular requirements in the landscape design as directed by the Landscape Architect. In general, remove at least one-third of nood by thirning and pruning. DO Not aut back terminal branches. This native growth plants heavier than marsery grown plants. Remove sucker growth and broken or badly bridged branches.

# 3.5 SEASONAL COLOR PLANTING:

- Beds shall be excavated to a depth of 2 inches. Soil shall be replaced with 100% Living Earth Technology Complete Mix or equal.
- Plant where located, setting plants with tops of balls even with tops of beds, and compact soil carefully around each plant ball.
- Mater each plant thoroughly with hoses to eliminate air pockets.
- Carefully prune plants to remove dead or broken branches and hand- rake bed areas to smooth even surfaces and mulch bed areas I inch deep.

During work, keep premises neat and orderly including organization of storage area Remove trash, including debris resulting from removing weeds or rocks from planting areas, preparing beds, or planting plants from site daily as work progresses. Keep and driveway area clean by weeping or hoshig.

# END OF LANDSCAPING SECTION

# PART I - GENERAL

Furnish all labor, tools, transportation, materials, equipment, supervision, etc., required to adequately establish a dense lawn of permanent grasses, free from lumps and depressions as indicated by plans and specifications.

Redo any part of the area falling to show uniform cover until a dense lawn is established on the cost of miscellaneous labor and materials for topsoil, weeding, tilling, peet constructing the control of the pid price for

- RELATED WORK SPECIFIED ELSEWHERE:
- B. Landscaping
- MAINTENANCE OF GRASS:
- The contractor shall maintain the grass until final acceptance. Such maintenance s include spraying, weeding, cultivation, fertilizing, natering, disease and insect contra top dressing low spots, pile any procedures consistent with horticultural practice necessary to insure normal, vigorous, and healthy grass.
- Mater: Mill be available on site. Provide necessary hoses and other watering equipment required to complete work.
- Lawn areas will be left within I/IO of a foot of finish grade by other trades. Fine grading, raking and smoothing will be the responsibility of the contractor.
- SCHEDULE:
- climatic conditions.

  Sodding: Sod bermuda between March 15 and September 30. Between October and March 14 overseed sod nith Perennial rule under tavorable conditions. (Ike nursery overseeded sod, in lieu of seeding after installation, if available.)

  Qualifications: Due to unseasonable weather, the above dates may vary; however, do not proceed with grassing operations beyond these dates without assuming full responsibility for a stand of grass.

# PART 2 - MATERIALS

- (if specified on the plans as a requirement )Friable, fertile, dark, loamy soil, free of clay lumps, sub-soil stones, and other extraneous material and reasonable free of weeds and foreign grasses. Topsoil containing dallisgrass or nutgrass shall be rejected. Physical properties as follows:

  Clay between 1-27 percent
  Silt between 2-30 percent
  Sand less than 52 percent

- 656. Bermuda Grass: Extra fancy, hulled and treated, lawn type seed, delivered to site in original, unopened containers meeting requirements of Texas State Seed Law. Minimum purity germination #0 percent.
  "Raileigh" St. Augustine Grass: Solid Sod, live, rich, dark, green in color, free of foreign grasses, weeds, nutgrass, cut with a full 574 Inch of heavy clay covering roots. Deliver to site in 12 inch squares or 12 inch wide rolls. Do not stack for more than 24 hours between time of cutting and time of delivery.

PART S - EXECUTION

- FERTILIZER. Pertilizer shall be organic base, uniform in composition, dry and free flowing. Deliver fertilizer to site in original, unopened containers, each bearing manufacturer's guaranteed statement of onalysis.

  A. First application: 12-12-12 element percentage with minimum 8% sulfur and 4% iron, plus micro nutrients.

  B. Second application: 3:1:2 element ratio. Nitragen source to be a minimum 50% sulfur and 4% iron plus micro nutrients.

- A. Scarily lawn areas where excessive compaction is greater than 85% Standard Proctor to a depth of 4-inches by discing or rototilling. Repeat cultivation as required to thoroughly loosen soil.

  B. Leave areas free of needs and ready for final grading.

  C. Provide barricades around scarified areas to prevent compaction by construction vehicles.

  FINAL GRADING:

  A. Semple from alter and leadily dispose of stones 3/4-inch and longer attice and of the semple from alter and leadily dispose of stones 3/4-inch and longer attice and of the semple from alter and leadily dispose of stones 3/4-inch and longer attice and of the semple from alter and leadily dispose of stones 3/4-inch and longer attice and of the semple from alter and leadily dispose of stones 3/4-inch and longer attice and of the semple from alternative and and the semple from the semple from
- AL GRADING: Remove from site and legally dispose of stones 3/4-inch and larger, sticks and other detrits exposed during this operation. Frovide finish grading learning surface uniform without depressions and unalidations, graded approximately i-inch below paving. Secure approal from the Landscipe Architect prior to proceeding with grassing
- HERBICIDE.

  Apply herbicide to remove any remaining meeds. This work is to be performed by a licensed applicator following the manufacturer's recommendations.
- Place first application with hydromulch at rate of 12 pounds per 1,000 square feat Uniformly distribute second application using a rotary type fertilizer spreader 3-4 weeks after first application at 12 pounds per 1,000 square feet.
- Hydromulch seed uniformly at the rate of 2 pounds of Bermudagrass seed per
- Add tackfler to hydromulch mix for slopes 5:1 or greater at the rate of 1 lb. per bag of mulch.

  Use a 4'x ob batter board against bed areas.

- Solid Sod: Plant grass by hand, edge to edge with staggered joints. Topdress with sharp sand raked in carefully to fill joints. Roll to eliminate undulations and provide complete soil contact.
- Fertilizing: Fertilize immediately after grass is planted at rate of 4 lbs.per 1,000 square foot. Repeat fertilizing at the same rate 3-4 meeks later.

# 9.8 ESTABLISHMENT AND MAINTENANCE OF LAWN AREAS:

- Moter lawn areas immediately after grassing operation.

  Continue watering as required to keep soll uniformly moist to a minimum depth of 4-inches. Be alert to over-matering newly planted grass, particularly in heavy clay
- Correct any erosion that may occur during the establishment of grass.

  Reseed (sod) any areas not showing sufficient growth within 3 weeks after initial grassing. Continue seeding (sodding) until a stand of grass is achieved.
- A stand of grass will be defined as a uniform cover of actively growing
- Moning/Need Control:
- Move law areas weekly until a stand of grass is achieved. Begin moving when the lawn reaches a height of 3-inches; set mover to cut at 2-inches. A minimum of two movings is required.

  Mead lawn areas until acceptance, removing all foreign vegetation, either by hoeing or pulling. If approved, herbicide spot treatments may be used.

# CLENIUM? During work, keep premises neat and orderly, including organization of storage areas. Remove trash including debris resulting from removing weeds and rocks from site daily as work progresses. Keep paved areas clean by sweeping or hoeing.

# END OF LAWN SECTION

# THE TREE PITS SHALL HAVE ROUGH SIDES AND BE TWO TO THREE WIDER THAN THE ROOT BALL. USE SAFETY STAKE BY TREESTAKESOLUTIONS COM -FINISH GRADE

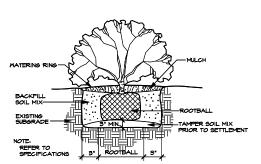
PREPARED SOIL BACKFILL REFER TO SPECIFICATIONS SCARIFY SIDES OF ROOT BALL TO FACILITATE WATER PERCOLATION -4" WATERING RING ROOT BALL - I/2" TO I" GRADED GRAVEL SLOPE BOTTOM OF PIT TO SUMP

哪

ALL TREES

TREE PLANTING DETAIL (TYPICAL)





SHRUB PLANTING DETAIL (TYPICAL)

# JD6 08-09-2023 D uilding S $\boldsymbol{\omega}$ $\mathbf{m}$ ant en

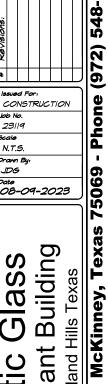
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