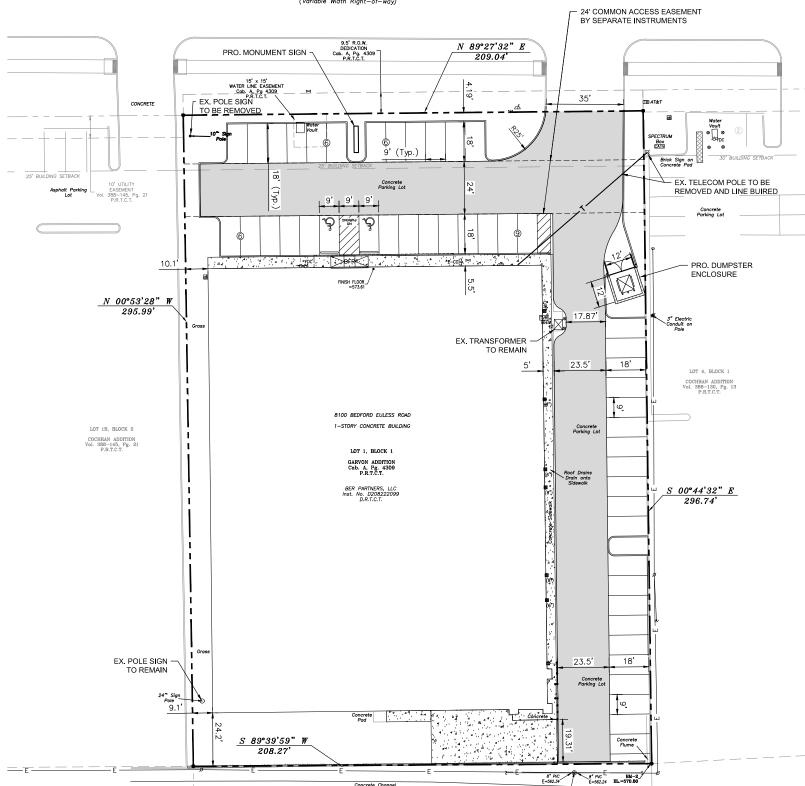
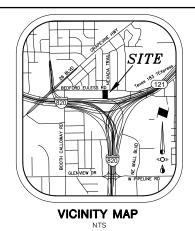
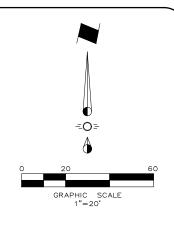
BEDFORD-EULESS ROAD







LEGEND

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				
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	49.36%				

^{*} PARKING PROVIDED TOTAL INCLUDES HC PARKING

ENGINEER:

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)

CITY BENCHMARK USED FOR CONTROL

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

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

BM-2	= "Y" in	concrete	flume	0.75'±	west	of	the	southeast	corner	of	the	subject	property.	
	Elev.=	570.80										•		

ssue Dates:	Revision & Date:	I —		
	1			INEERING
	2		ON:	SULTANTS
1	3	1720 W. Virginia St		Kinney, Texas 75069
	4	972.562.4409	Texa	as P.E. Firm No. F-5935
	5	Drawn By:	Checked By:	Scale:
	6	C.E.C.I.	C.E.C.I.	1"=20'

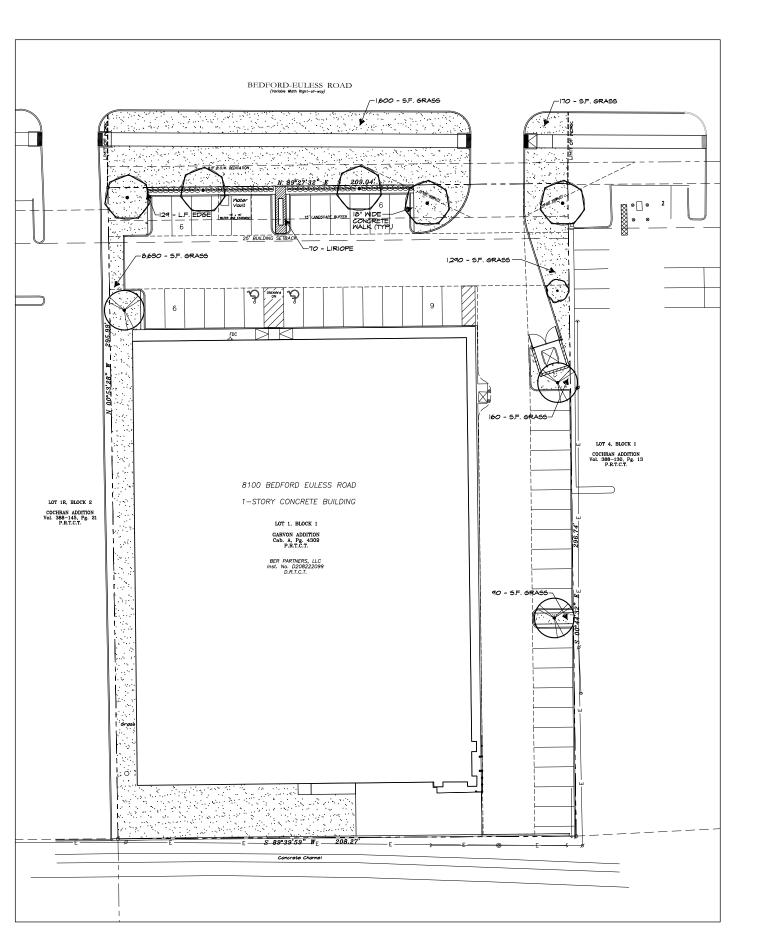
THIS DOCUMENT IS RELEASED FOR THE PURPOSE OF INTERIM REVIEW UNDER THE AUTHORITY OF JON DAVID CROSS, P.E. NO. B2618 ON 8/10/23. IT IS NOT TO BE USED FOR CONSTRUCTION PURPOSES.

GALACTIC GLASS MULTI-TENANT BUILDING

SITE PLAN

BER PARTNERS, LLC

NORTH RICHLAND HILLS, TEXAS



LANDSCAPE TABULATIONS

LANDSCAPE AREA

61,835.89 S.F. 9,276 S.F. 7,489 S.F. TOTAL SITE AREA REQUIRED LANDSCAPE AREA (61,836 × 15% =) PROVIDED LANDSCAPE AREA

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

BEDFORD-EULESS ROAD

180.00 L.F. 5 TREES 5 TREES FRONTAGE LENGTH
TREES REQUIRED (180 / 40 = 4.5) TREES PROVIDED

PARKING TREES

ONE 3" CANOPY TREE PER 20 PARKING SPACES

TOTAL PARKING SPACES
PARKING TREES REQUIRED (48 / 20 = 2.4)
PARKING TREES PROVIDED

3 TREES 3 TREES

23119
:ale
" = 20'-0"
rawn By:
IDG
ate
08-09-2023

Glas

CONSTRUCTION

Phone

		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		
1	\odot	MUSKOGEE CRAPE MYRTLE	Lagerstroemia indica 'Muskogee'	8' Ht./3' spread min., 30 Gallon, 3 Trunk Min., full , bushy tree formed, specimen.		

SHRUBS							
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	Liriope muscari 'Big Blue'	l gallon, 12" Ht./12" spread, bushy, full to ground			
	TURF GRASS						
11,940 S.F.	een	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 MULCH" FROM LIVING EARTH TECHNOLOGY.

LANDSCAPE CONTRACTOR TO VERIFY ALL QUANTITIES





Plan andscape

Design Group, P.L.L.C.

Sheet Number: L1 of L2 Sheets

SCALE: |" = 20'-0"

LANDSCAPING

PART I - GENERAL II SCOPE

labor, materials and equipment for complete installation of landscaping, a n the drawings and specified herein.

1.2 RELATED WORK SPECIFIED ELSEWHERE:

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

- Provide plant materials in compliance with applicable State and Federal laws relating to inspection for diseases and insect infectation at growing site.
- Plants are subject to inspection and approval by the Landscape Architect. Plant required for the work 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, porceity, 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 natering facilities are available on job site. Storage of materials and equipment at the job site still be at the risk of the landscape contractor. The owner xill not be held responsible for theft or damage.
- palled plants cannot be planted within 24 hours after delivery to site, otset 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.
- Remove rejected plant material immediately from 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 black 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 with 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.
- Until final acceptance, maintain plantings and trees by watering, cultivating, moving, specifying, cleaning and replacing as necessary to keep landscape in a vigorous, healthy condition and rake bed areas as required.
- A written notice requesting final inspection and acceptance should be submitted to Landscape Architect or owners representative nithin seven (1) days prior to completion. At that time owner and Landscape Architect nill prepare a final punch list to be reviewed with the landscape contractor.
- Folloring final acceptance, maintenance of plant material nill become the Owner's responsibility. The Contractor shall provide Owner nith a recommended maintenance program.

- Quantities: The drawings and specifications are complementary; anything called for on one and not the other is as binding as if shown and called for on both. The plant schedule is an aid to bidders only. Confirm all quantities on plan.
- Plants shall be equal to rivell formed No. I grade of better; symmetrical, heavily branched with an even branch distribution, densely foliated antidor budded, and a strong stroight, distinct leader where this is characteristic of species. Plants shall possess a normal balance between height and spread. The Landscape Architect will be the Pinal arbiter of acceptability of plant from, either before and after planting and shall be removed at the expense of the Landscape Contracts 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 state of the ball or with broken boil of the or plants will be rejected. Balls shall be ten (C0") inches in diameter for each one (1") that of brink clameter, measured ask (6") inches above ball.
- Container grown plants shall be well rooted and established in the container which they are growing. They shall have grown in the container for a sufficiength of time for the root system to hold the planting medium when taken in the container, but not long enough to become root bound.

- Pre mixed soils can be used as long as samples are submitted with submitted with manufacturer's data and laboratoru test reports.

Sandy Loam:

- 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, washed sand, (Fine agaregate) ASTM C-33

- Fertilizer shall be delivered in manufacturer's standard container printed with manufacturer's name, material weight, and guaranteed analysis. Fertilizers with NP-K analysis other than that specified may be used provided that the applic nate per square foot of nitrogen, phosphoris, and potassism is equit to that
- Commercial Fertilizer for Planting Beds: Complete fertilizer 5-10-5 element ratio with minimum 8% sulfur and 4% iron plus micro-nutrients.
- olled-Release fertilizer planting tablets for tree planting pits, shall be equa fiftorm 20-10-19 planting tablets as manufactured by Sierra Chemical Co., as, California 55055 or approved equal.

2.4 MULCH:

Bank mulch shall be hardwood mulch chips, ranging in size from 1/4-inch to 1-inch in

- 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. Backfill with I/3 (soil mix and/or peatmose), I/3 native soil and I/3 and/oam.
- 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
- Till 2 inches minimum of thoroughly mixed prepared soil or equal in all planting bed areas as follows:
- I. I part sandy loam
 I part pead 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.
- 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.

- 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.
- After excavation of tree pits, review water percolation.

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

 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 (67) 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.
- Prepare soil for planting by thoroughly mixing two parts sandy loam and one part peatmose or other approved organic matter. If planting soil does not fall within the pH range of 55 to 7.0 add linestone or aluminum swiphate to bring soil into the specified pH range.
- 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 grown 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.

36 GLEANUP

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

LAWNS

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:
- Landscaping
- MAINTENANCE OF GRASS:
- The contractor shall maintain the grass until final acceptance. Such maintenance shall include spraying, weeding, cultivation, fertilizing, natering, disease and insect control, 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:
 - Seeding/hydromulching Perennial Ryegrase. Complete only between September 1 to April 30, except at front of project, as determind by owner, under favorable climatic conditions.
 - climatic conditions.

 Sodding: Sod bernuda 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 imps, sub-coil stones, and other extraneous material and reasonable free of neede and foreign grasses. Topsoil containing dallisgrass or nutgrass shall be rejected. Physical properties as follows:

 Clay between 1-27 percent

 Sit between 2-50 percent

 Sand less than 52 percent

2.2

- 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.

FERTILIZER:

- 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 oranigis.

 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.
- PART S EXECUTION

- A. Scarilly 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.
- AL GRADING:

 Remove from site and legally dispose of stones 9/4-inch and larger, sticks and other debris exposed during this operation.
 Provide finish grading learning surface uniform without depressions and unablations, graded approximately i-inch below paving.
 Secure approval from the Landscape Architect prior to proceeding with grassing
- HERBICIDE.
 Apply herbicide to remove any remaining meeds. This mark 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 feet.
- 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 tackfile rest.
 Add tackfile to hydromulch mix for slopes 5:1 or greater at the rate of 1 lb. per bag of mulch.
 Use a 4' x 8' batter board against bed areas.

MECHANICAL SEEDING: Seed uniformly at a rate of 125 pounds of Bermudagrass seed per acre. Use grass drill, brillion seeder, or viking roller.

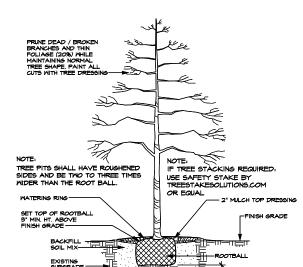
- Solid Sod: Plant grass by hand, edge to edge with staggered joints. Topdress with sharp sand raked in carefully to fill joints. Roll to eliminate undulations and provide complete soil contact.
- Fertilizing: Fertilize immediately after grass is planted at rate of 4 lbs.per 1,000 square foot. Repeat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

9.8 ESTABLISHMENT AND MAINTENANCE OF LAWN AREAS:

- Moter lawn areas immediately after grassing operation.

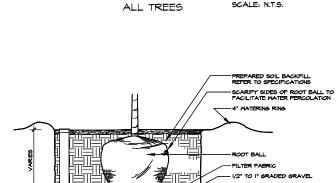
 Continue watering as required to keep soil uniformly moist to a minimum depth of 4-inches. Be alert to over-matering newly planted grass, particularly in heavy clay
- Correct any erceion that may occur during the establishment of grass.
 Resead (sod) any areas not shoving sufficient growth within 5 weeks 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.
- 9.9 CLEANUP: 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



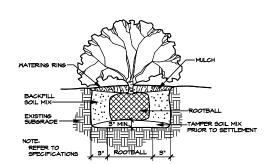
哪

TREE PLANTING DETAIL (TYPICAL)



SLOPE BOTTOM OF PIT TO SUMP - 4" DIA, CLASS 200 PVC PIPE WITH REMOVABLE CAP SET FLUSH WITH GRADE PAINT CAP DARK GREEN

TREE SUMP DETAIL (TYPICAL) SCALE: N.T.S.



SHRUB PLANTING DETAIL (TYPICAL)



CONSTRUCTION

23119

NTS

ผู

548-

18

(97

ne

O

P

၂၈

lŏ

S

exa

ĕ

S

ant en Ø Ø Multi

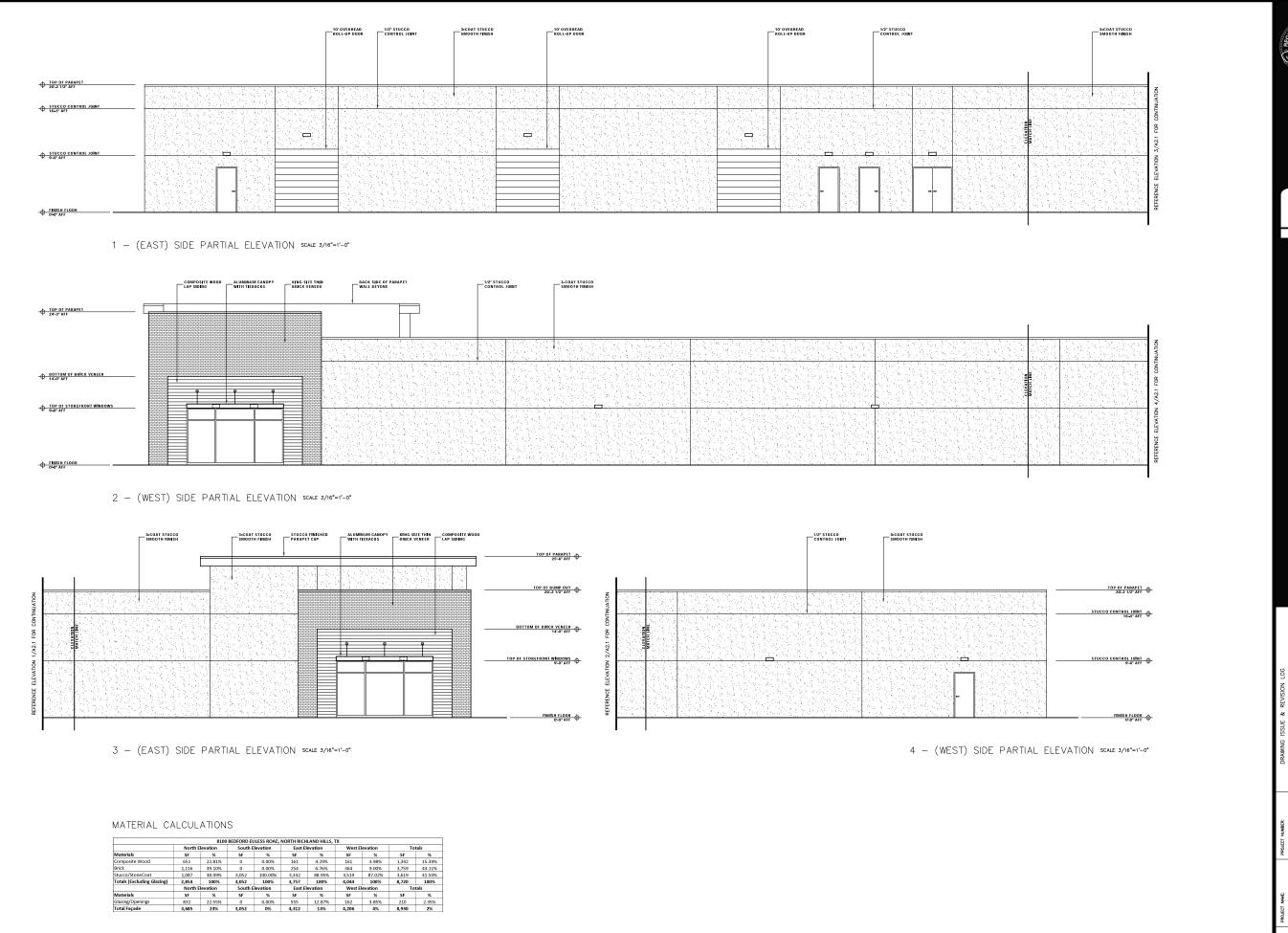




S cation Q sca Ciţi D Ō à $\overline{\sigma}$ S

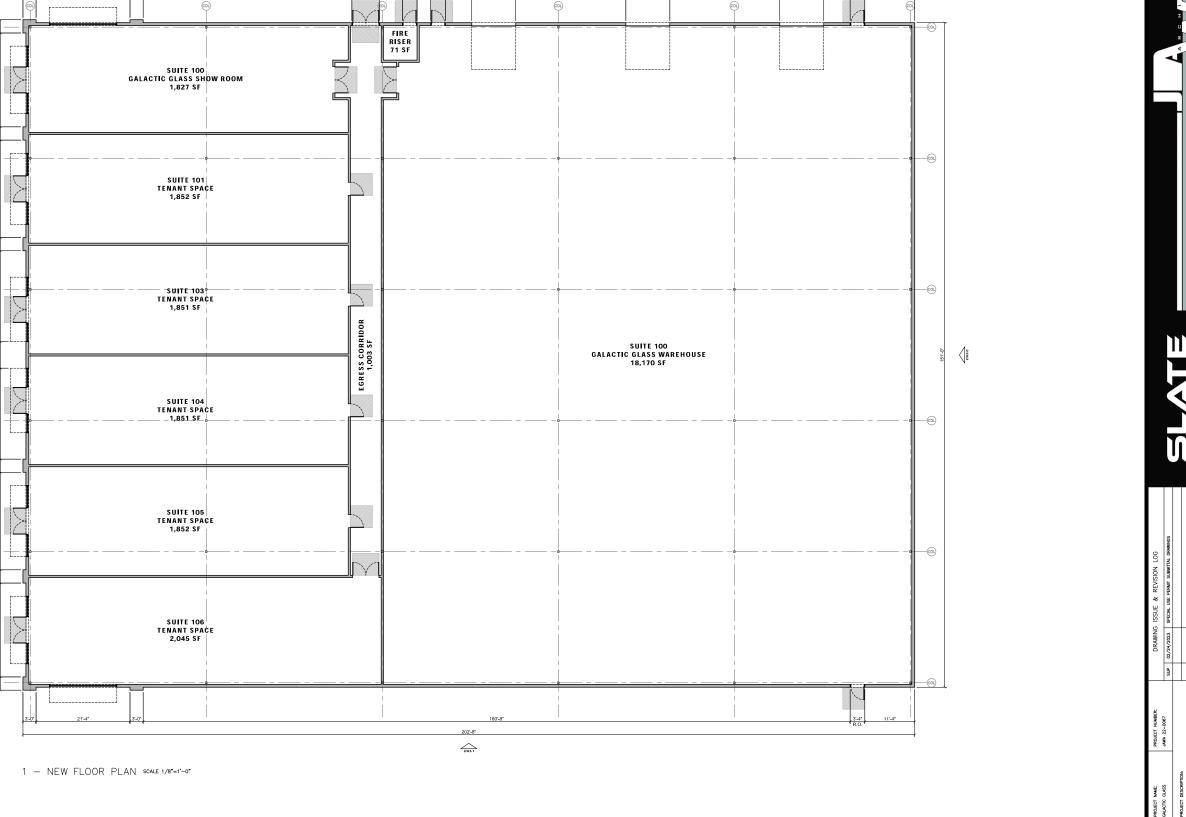
Sheet Number of L2 Sheets

and Rich North sse South 403 roup, sign S









1/A2.1 202'-8"