

TREE SURVEY FIELD DATA				
No.	Dia. (inches)	Species (common name)	Status	Remarks
1		TREE	TO BE REMOVED	

**TREE PRESERVATION NOTES**

- EXISTING TREES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION FROM TREE STRUCTURE DAMAGE AND COMPACTION OF SOIL UNDER AND AROUND DRIP LINE (CANOPY) OF TREE.
- IF ANY ROOT STRUCTURE IS DAMAGED DURING ADJACENT EXCAVATION / CONSTRUCTION, NOTIFY OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. IT IS RECOMMENDED THAT A LICENSED ARBORIST BE SECURED FOR THE TREATMENT OF ANY POSSIBLE TREE WOUNDS.
- NO DISTURBANCE OF THE SOIL GREATER THAN 4" SHALL BE LOCATED CLOSER TO THE TREE TRUNK THAN 1/2 THE DISTANCE OF THE DRIP LINE TO THE TREE TRUNK. A MINIMUM OF 75% OF THE DRIP LINE AND ROOT ZONE SHALL BE PRESERVED AT NATURAL GRADE.
- ANY FINE GRADING DONE WITHIN THE CRITICAL ROOT ZONES OF THE PROTECTED TREES MUST BE DONE WITH LIGHT MACHINERY SUCH AS A BOBCAT OR LIGHT TRACTOR. NO EARTH MOVING EQUIPMENT WITH TRACKS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE OF THE TREES.
- NO MATERIALS INTENDED FOR USE IN CONSTRUCTION OR WASTE MATERIALS ACCUMULATED DUE TO EXCAVATION OR DEMOLITION SHALL BE PLACED WITHIN THE LIMITS OF THE DRIP LINE OF ANY TREE.
- NO EQUIPMENT MAY BE CLEANED OR TOXIC SOLUTIONS, OR OTHER LIQUID CHEMICALS, SHALL BE DEPOSITED WITHIN THE LIMITS OF THE DRIP LINE OF A TREE, INCLUDING BUT NOT LIMITED TO: PAINT, OIL, SOLVENTS, ASPHALT, CONCRETE, MORTAR, PRIMERS, ETC.
- NO SIGNS, WIRES OR OTHER ATTACHMENTS, OTHER THAN THOSE OF A PROTECTIVE NATURE, SHALL BE ATTACHED TO ANY TREE.
- NO VEHICULAR / CONSTRUCTION EQUIPMENT TRAFFIC OR PARKING IS ALLOWED WITHIN THE LIMITS OF THE DRIP LINE OF TREES.
- BORING OF UTILITIES MAY BE PERMITTED UNDER PROTECTED TREES IN CERTAIN CIRCUMSTANCES. THE MINIMUM LENGTH OF THE BORE SHALL BE THE WIDTH OF THE TREE'S CANOPY AND SHALL BE A MINIMUM DEPTH OF FORTY-EIGHT (48") INCHES.
- IRRIGATION TRENCHING WHICH MUST BE DONE WITHIN THE CRITICAL ROOT ZONE OF A TREE SHALL BE DUG BY HAND AND ENTER THE AREA IN A RADIAL MANNER.
- ALL TREES TO BE REMOVED FROM THE SITE SHALL BE FLAGGED BY THE CONTRACTOR WITH BRIGHT RED VINYL TAPE (3" WIDTH) WRAPPED AROUND THE MAIN TRUNK AT A HEIGHT OF FOUR (4') FEET ABOVE GRADE. FLAGGING SHALL BE APPROVED BY OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO ANY TREE REMOVAL. CONTRACTOR SHALL CONTACT OWNER'S AUTHORIZED REPRESENTATIVE WITH 72 HOURS NOTICE TO SCHEDULE ON-SITE MEETING.
- ALL TREES TO REMAIN, AS NOTED ON DRAWINGS, SHALL HAVE PROTECTIVE FENCING LOCATED AT THE TREE'S DRIP LINE. THE PROTECTIVE FENCING MAY BE COMPRISED OF SNOW FENCING, ORANGE VINYL CONSTRUCTION FENCING, CHAIN LINK FENCE OR OTHER SIMILAR FENCING WITH A FOUR (4') FOOT APPROXIMATE HEIGHT. THE PROTECTIVE FENCING SHALL BE LOCATED AS INDICATED ON THE TREE PROTECTION DETAIL.
- WHEN A LOW HANGING LIMB IS BROKEN DURING THE COURSE OF CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE OWNER'S AUTHORIZED REPRESENTATIVE IMMEDIATELY. UNDER NO CIRCUMSTANCE SHALL THE CONTRACTOR PRUNE ANY PORTION OF THE DAMAGED TREE WITHOUT THE PRIOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE.

**EXISTING TREE LEGEND**

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.01
- EXISTING SHRUBS TO REMAIN
- EXISTING SHRUBS TO BE REMOVED TO 12" BELOW GRADE, TYP.



Store:  
**Gibson & Alumni**  
 Albuquerque, NM  
 Restaurant #RC972  
 P6-V-AV

**PM DESIGN**  
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Prototype : P6-V-AV 2022-1.0 RELEASE

Prototype Issue Date: 09.22.2022

Kitchen Issue Date: ---

Design Bulletin Updates: ---

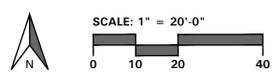
Date Issued: Bulletin Number: ---

**PERMIT SET**

09/12/2022	SOLID WASTE REVIEW
11/30/2022	UNM SUBMITTAL
04/07/2023	FOR PERMIT
1 05/12/2023	CITY COMMENTS
2 06/21/2023	CITY COMMENTS
3	
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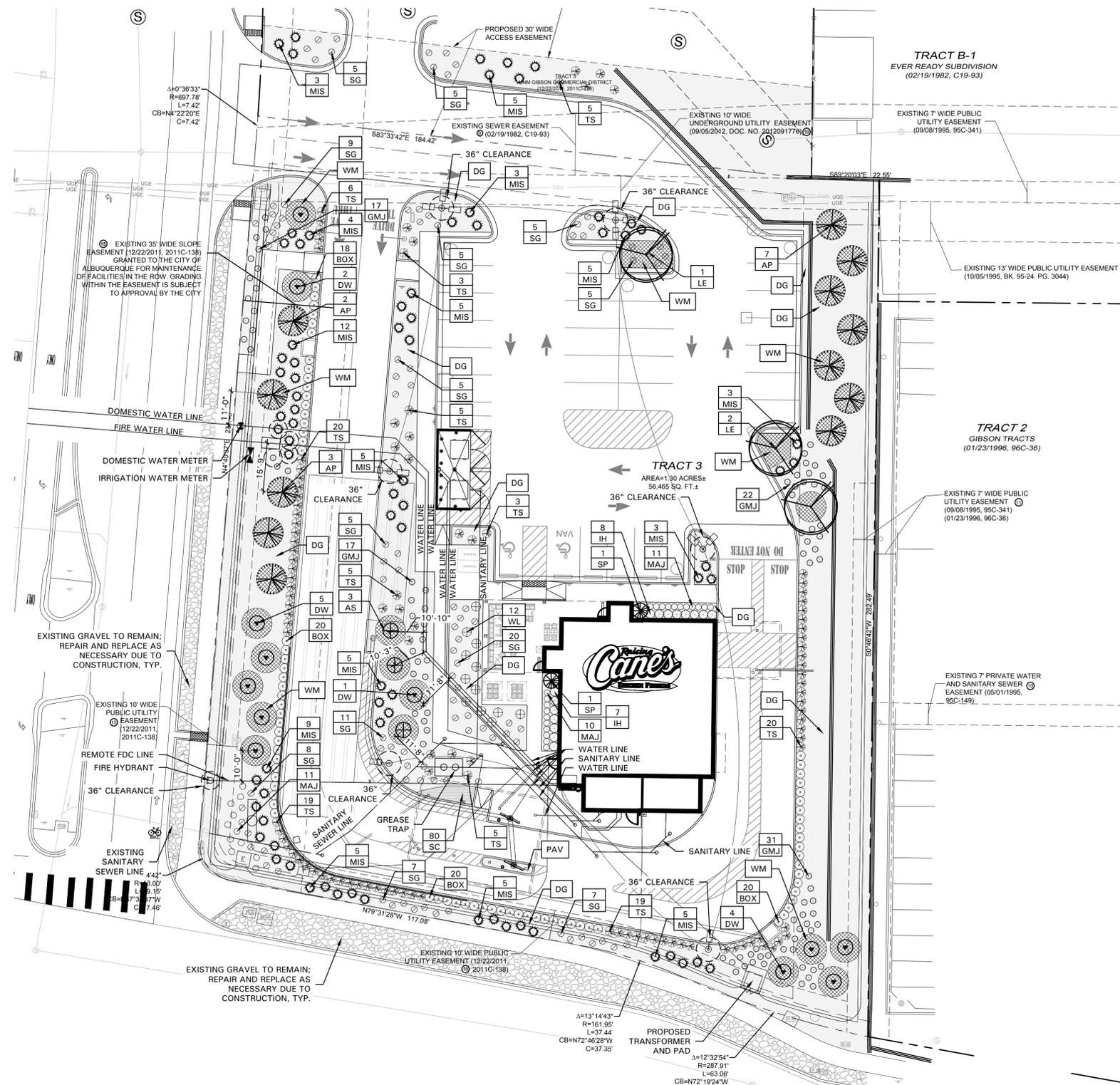
Sheet Title:  
**TREE PRESERVATION PLAN**  
 Date: 03.27.2023  
 Project Number: RAC22025.0  
 Drawn By: JM

Sheet Number:



4245 North Central Expy  
 Suite 501  
 Dallas, Texas 75205  
 214.865.7192 office

**L1.01**



**PLANT LIST**

SYMBOL	BOTANICAL NAME	COMMON NAME	WATER USE	QTY.	SIZE	REMARKS	MATURE SIZE POINTS	TOTAL
<b>TREES</b>								
AP	<i>Pinus eldarica</i>	Afghan Pine	Medium	12	2" cal.	B&B or container grown, 6' ht., full to base, 3' spread	40'X18'	50 600
AS	<i>Picea glauca 'Conica'</i>	Dwarf Alberta Spruce	Medium	3	15 gal.	B&B or container grown, full to base, 3' spread	7'x3'	12 36
DW	<i>Chilopsis linearis</i>	Desert Willow	Low	12	2" cal.	container grown, 3-5 trunk, 8' ht. min., 4' spread min.	20'X25'	55 660
LE	<i>Ulmus parvifolia 'Sempervirens'</i>	Lacebark Elm	Medium	3	3" cal.	container grown, 12' ht., 4' spread, 4' branching ht., matching	40'x40'	50 150
<b>SHRUBS/GROUND COVER</b>								
BOX	<i>Buxus microphylla 'Winter Gem'</i>	Winter Gem Boxwood	Medium	78	5 gal.	container full, 20" spread, 36" o.c.	4'x4'	15 1,170
GMJ	<i>Juniperus procumbens 'Nana'</i>	Green Mound Juniper	Low	87	5 gal.	container full, 20" spread, 24" o.c.	2'x4'	35 3,045
IH	<i>Raphiolepis indica 'Bay Breeze'</i>	Indian Hawthorne 'Bay Breeze'	Medium	15	5 gal.	container full, 20" spread, 24" o.c.	3'x4'	20 300
MAJ	<i>Juniperus sabina 'Mini Arcade'</i>	Mini Arcade Juniper	Low	32	5 gal.	container full, 20" spread, 24" o.c.	1'x4'	35 1,120
MIS	<i>Miscanthus sinensis 'Adagio'</i>	Miscanthus 'Adagio'	Medium	77	5 gal.	container full, 36" o.c.	5'x5'	15 1,155
SC		Seasonal Color	Medium	80	4" pots	container full, 12" o.c., selection by Owner	1'x1'	10 800
SG	<i>Salvia greggii 'Red'</i>	Salvia greggii	Low	97	5 gal.	container full, 20" spread 24" o.c.	3'x4'	20 1,940
SP	<i>Juniperus chinensis 'Spartan'</i>	Spartan Juniper	Low	4	15 gal.	B&B or container grown, full to base, 3' spread	15'x5'	50 200
TS	<i>Leucophyllum frutescens 'Green Cloud'</i>	Texas Sage 'Green Cloud'	Low	111	5 gal.	container full, 20" spread, 24" o.c.	6'x6'	30 3,330
WL	<i>Ligustrum japonica</i>	Wax Leaf Ligustrum	Medium	12	5 gal.	container full, 20" spread, 36" o.c.	8'x6'	20 240
<b>MISCELLANEOUS</b>								
DG		Decorative Gravel				'Santa Fe Brown' decorative gravel, 3" depth with weed barrier fabric refer to 03/L2.02		
PAV		Concrete Pavers				refer to Specifications 2.2D/L2.02		
WM		Wood Mulch				refer to Specifications 2.2D/L2.02		

NOTE: ALL TREES SHALL HAVE STRAIGHT TRUNKS AND BE MATCHING WITHIN VARIETIES.  
 PLANT LIST IS AN AID TO BIDDERS ONLY. CONTRACTOR SHALL VERIFY ALL QUANTITIES ON PLAN.  
 ALL HEIGHTS AND SPREADS ARE MINIMUMS. ALL PLANT MATERIAL SHALL MEET OR EXCEED REMARKS AS INDICATED.

**LANDSCAPE NOTES**

- CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
- CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES AND NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS. CONTRACTOR SHALL EXERCISE CAUTION WHEN WORKING IN THE VICINITY OF UNDERGROUND UTILITIES.
- CONTRACTOR SHALL PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
- CONTRACTOR SHALL FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS AS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL 3" BELOW FINAL FINISHED GRADE IN PLANTING AREAS AND 1" BELOW FINAL FINISHED GRADE IN LAWN AREAS.
- ALL PLANTING BEDS AND LAWN AREAS SHALL BE SEPARATED BY STEEL EDGING. NO STEEL EDGING SHALL BE INSTALLED ADJACENT TO BUILDINGS, WALKS, OR CURBS. CUT STEEL EDGING AT 45 DEGREE ANGLE WHERE IT INTERSECTS WALKS AND CURBS.
- TOP OF MULCH SHALL BE 1/2" MINIMUM BELOW THE TOP OF WALKS AND CURBS.
- ALL REQUIRED LANDSCAPE AREAS SHALL BE PROVIDED WITH AN AUTOMATIC UNDERGROUND IRRIGATION SYSTEM WITH RAIN AND FREEZE SENSORS AND EVAPOTRANSPIRATION (ET) WEATHER-BASED CONTROLLERS AND SAID IRRIGATION SYSTEM SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL AND INSTALLED BY A LICENSED IRRIGATOR.
- CONTRACTOR SHALL PROVIDE BID PROPOSAL LISTING UNIT PRICES FOR ALL MATERIAL PROVIDED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.

**MAINTENANCE NOTES**

- THE OWNER, TENANT AND THEIR AGENT, IF ANY, SHALL BE JOINTLY AND SEVERALLY RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE.
- ALL LANDSCAPE SHALL BE MAINTAINED IN A NEAT AND ORDERLY MANNER AT ALL TIMES. THIS SHALL INCLUDE MOWING, EDGING, PRUNING, FERTILIZING, WATERING, WEEDING AND OTHER SUCH ACTIVITIES COMMON TO LANDSCAPE MAINTENANCE.
- ALL LANDSCAPE AREAS SHALL BE KEPT FREE OF TRASH, LITTER, WEEDS AND OTHER SUCH MATERIAL OR PLANTS NOT PART OF THIS PLAN.
- ALL PLANT MATERIAL SHALL BE MAINTAINED IN A HEALTHY AND GROWING CONDITION AS IS APPROPRIATE FOR THE SEASON OF THE YEAR.
- ALL PLANT MATERIAL WHICH DIES SHALL BE REPLACED WITH PLANT MATERIAL OF EQUAL OR BETTER VALUE.
- CONTRACTOR SHALL PROVIDE SEPARATE BID PROPOSAL FOR ONE YEAR'S MAINTENANCE TO BEGIN AFTER FINAL ACCEPTANCE.

**CITY OF ALBUQUERQUE NOTES**

- 5-6(C)(9)(A) ALL PLANTING OF VEGETATED MATERIAL OR INSTALLATION OF ANY LANDSCAPING, BUFFERING, OR SCREENING MATERIAL IN THE PUBLIC RIGHT-OF-WAY SHALL REQUIRE THE PRIOR APPROVAL OF THE CITY. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR THE MAINTENANCE, REPAIRS, OR LIABILITY FOR ALL THE LANDSCAPING PLACED IN OR OVER THE PUBLIC RIGHT-OF-WAY.
- 5-6(C)(9)(B) ANY TREES THAT OVERHANG A PUBLIC SIDEWALK OR MAJOR PUBLIC OPEN SPACE SHALL BE TRIMMED TO MAINTAIN AN 8 FOOT CLEARANCE OVER THE SIDEWALK. ANY TREES THAT OVERHANG A PUBLIC STREET SHALL BE TRIMMED TO MAINTAIN A 9 FOOT CLEARANCE OVER THE STREET SURFACE.

**CONCRETE PAVER NOTES**

- CONTRACTOR SHALL ADHERE TO THE MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND ANY OTHER REQUIREMENTS OUTLINED BY THE MANUFACTURER FOR ALL PAVER INSTALLATION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO COMMENCING ANY WORK.
- CONCRETE PAVERS SHALL BE:
  - BELGARD® LEGACY SERIES
  - MODEL: HOLLAND STONE
  - PATTERN: HERRINGBONE
  - COLOR: CHARCOAL
- CONTRACTOR SHALL SUBMIT A STANDARD COLOR SAMPLE BOARD TO THE OWNER'S AUTHORIZED REPRESENTATIVE FOR FINAL COLOR SELECTION PRIOR TO PLACING ORDER.
- THE FINAL COLOR SELECTION SHALL BE MADE BY THE OWNER'S AUTHORIZED REPRESENTATIVE ON-SITE.
- CONCRETE PAVERS AVAILABLE FROM:
  - WWW.BELGARD.COM
- THE CONTRACTOR SHALL CONSTRUCT A SAMPLE PANEL 4'-0" BY 4'-0" ON-SITE, AT NO EXPENSE TO THE OWNER, FOR APPROVAL BY THE OWNER'S AUTHORIZED REPRESENTATIVE PRIOR TO COMMENCING WORK.
- THE OWNER'S AUTHORIZED REPRESENTATIVE RESERVES THE RIGHT TO REJECT ANY AND ALL WORK EXECUTED BY THE CONTRACTOR WHICH DOES NOT MEET HIS/HER EXPECTATIONS AND THE MANUFACTURER'S SPECIFICATIONS.
- THE CONTRACTOR SHALL MAKE ANY MODIFICATIONS REQUIRED BY THE OWNER'S AUTHORIZED REPRESENTATIVE AT NO EXPENSE TO THE OWNER.

**LANDSCAPE TABULATIONS**

- THE CITY OF ALBUQUERQUE, NEW MEXICO
- SITE LANDSCAPE REQUIREMENTS**
- The total landscaped area required for each development shall equal not less than 15% of the net lot area.
  - Tree canopies and ground-level plants shall cover a minimum of 75% of the total landscaped area.
  - Of the required vegetative coverage, a minimum of 25% shall be provided as ground-level plants.
- Total Site: 56,428 s.f.  
 Building Pad: 2,818 s.f.  
 Net Lot Area: 53,610 s.f.
- |                  |                   |
|------------------|-------------------|
| Required         | Provided          |
| 8,042 s.f. (15%) | 19,424 s.f. (36%) |
| 6,115 s.f. (75%) | 14,336 s.f.       |
| 3,770 s.f. (25%) | 12,830 s.f.       |
- Total Landscape Area: 19,424 s.f.  
 Ground-level vegetative coverage: 12,830 s.f. (66%)  
 Organic Mulch Area: 2,446 s.f. (13%)  
 Gravel Groundcover Area: 4,148 s.f. (21%)

**STREET TREES**

- One (1) tree every 25 feet on center along street frontage.
  - ALUMNI DRIVE SE: 228 I.F.
 

Required	Provided
(9) trees, 2" cal.	(9) trees, 2" cal.
  - GIBSON BOULEVARD SE: 223 I.F.
 

Required	Provided
(9) trees, 2" cal.	(9) trees, 2" cal.
	*provided in alternate location due to easement conflict

**PARKING LOT INTERIOR**

- One (1) tree is required per 10 parking spaces.
  - No parking space may be more than 100 feet in any direction from a tree trunk.
  - At least 75% of the required parking area trees shall be deciduous canopy-type shade trees, capable of achieving a mature canopy diameter of at least 25 feet.
- Parking Spaces: 30
- |               |                |
|---------------|----------------|
| Required:     | Provided:      |
| (3) trees     | (3) trees      |
| 75% deciduous | 100% deciduous |

**DRIVE THROUGH SCREENING**

- Drive-through lanes adjacent to public rights-of-way shall be screened by a landscape buffer area at least 6 feet wide containing a vegetative screen or wall constructed of a material similar in texture, appearance, and color to the street facing facade of the primary building.
 

Required:	Provided:
36" vegetative screen	36" vegetative screen
Screen wall	Screen wall



Restaurant Support Office  
 6800 Bishop Road, Plano, TX 75024  
 Tel: 972-772-3100 Fax: 972-769-3101

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 Restaurant #RC972  
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KEH MCCracken, ARCHITECT



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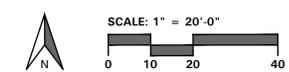
**LANDSCAPE PLAN**

Date: 03.27.2023

Project Number: RAC22025.0

Drawn By: JM

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 Suite 501  
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**L2.01**

**SECTION 32 9300 - LANDSCAPE**

**PART 1 - GENERAL**

**1.1 REFERENCED DOCUMENTS**

- A. Refer to Landscape Plans, notes, details, bidding requirements, special provisions, and schedules for additional requirements.

**1.2 DESCRIPTION OF WORK**

- A. Work included: Furnish all supervision, labor, materials, services, equipment and appliances required to complete the work covered in conjunction with the landscaping covered in these specifications and landscaping plans, including:
  - Planting (trees, shrubs and grasses)
  - Bed preparation and fertilization
  - Notification of sources
  - Water and maintenance until final acceptance
  - Guarantee

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**1.3 REFERENCE STANDARDS**

- A. American Standard for Nursery Stock published by American Association of Nurserymen: April 14, 2014 Edition; by American National Standards Institute, Inc. (Z60.1) – plant material
- B. American Joint Committee on Horticultural Nomenclature: 1942 Edition of Standardized Plant Names.
- C. New Mexico Association of Nurserymen, Grades and Standards
- D. Hortis Third, 1976 - Cornell University

**1.4 NOTIFICATION OF SOURCES AND SUBMITTALS**

- A. Samples: Provide representative quantities of sandy loam soil, mulch, bed mix material, gravel, crushed stone, steel edging and tree stakes. Samples shall be approved by Owner's Authorized Representative before use on the project.

**1.5 JOB CONDITIONS**

- A. General Contractor to complete the following punch list: Prior to Landscape Contractor initiating any portion of landscape installation, General Contractor shall leave planting bed areas three (3") inches below final finish grade of sidewalks, drives and curbs as shown on the drawings. All lawn areas to receive solid sod shall be left one (1") inch below the final finish grade of sidewalks, drives and curbs. All construction debris shall be removed prior to Landscape Contractor beginning any work.
- B. Storage 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.

**1.6 MAINTENANCE AND GUARANTEE**

- A. Maintenance:
  - The Landscape Contractor shall be held responsible for the maintenance of all work from the time of planting until final acceptance by the Owner. No trees, shrubs, groundcover or grass will be accepted unless they show healthy growth and satisfactory foliage conditions.
  - Maintenance shall include watering of trees and plants, cultivation, weeding spraying, edging, pruning of trees, mowing of grass, cleaning up and all other work necessary of maintenance.
  - A written notice requesting final inspection and acceptance should be submitted to the Owner at least seven (7) days prior to completion. An on-site inspection by the Owner's Authorized Representative will be completed prior to written acceptance.
- B. Guarantee:

- Trees, shrubs and groundcover shall be guaranteed for a twelve (12) month period after final acceptance. The Contractor shall replace all dead materials as soon as weather permits and upon notification of the Owner. Plants, including trees, which have partially died so that shape, size, or symmetry have been damaged, shall be considered subject to replacement. In such cases, the opinion of the Owner shall be final.
  - Plants used for replacement shall be of the same size and kind as those originally planted and shall be planted as originally specified. All work, including materials, labor and equipment used in replacements, shall carry a twelve (12) month guarantee. Any damage, including ruts in lawn or bed areas, incurred as a result of making replacements shall be immediately repaired.
  - At the direction of the Owner, plants may be replaced at the start of the next year's planting season. In such cases, dead plants shall be removed from the premises immediately.
  - When plant replacements are made, plants, soil mix, fertilizer and mulch are to be utilized as originally specified and re-inspected for full compliance with the contract requirements. All replacements are to be included under "Work" of this section.

- The Owner agrees that for the guarantee to be effective, he will water plants at least twice a week during dry periods and cultivate beds once a month after final acceptance.
- The above guarantee shall not apply where plants die after acceptance because of injury from storms, hail, freeze, insects, diseases, injury by humans, machines or theft.
- Acceptance for all landscape work shall be given after final inspection by the Owner provided the job is in a complete, undamaged condition and there is a stand of grass in all lawn areas. At that time, the Owner will assume maintenance on the accepted work.

- C. Repairs: Any necessary repairs under the Guarantee must be made within ten (10) days after receiving notice, weather permitting. In the event the Landscape Contractor does not make repairs accordingly, the Owner, without further notice to Contractor, may provide materials and men to make such repairs at the expense to the Landscape Contractor.

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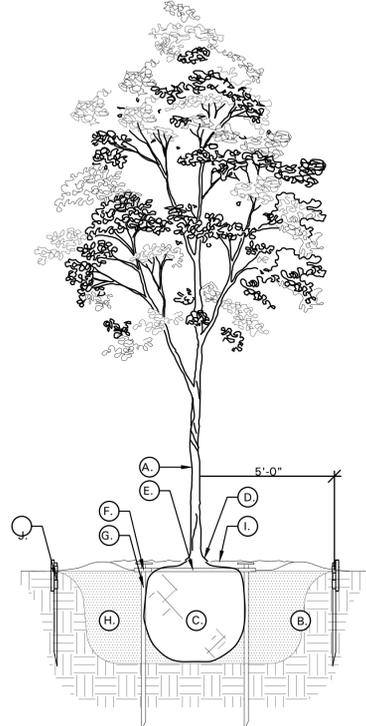
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**1.7 QUALITY ASSURANCE**

- A. General: Comply with applicable federal, state, county and local regulations governing landscape materials and work.
- B. Personnel: Employ only experienced personnel who are familiar with the required work. Provide full time supervision by a qualified foreman acceptable to Landscape Architect.
- C. Selection of Plant Material:
  - Make contact with suppliers immediately upon obtaining notice of contract acceptance to select and book materials. Develop a program of maintenance (pruning and fertilization) which will ensure the purchased materials will meet and / or exceed project specifications.
  - Substitutions: Do not make plant material substitutions. If the specified landscape material is not obtainable, submit proof of non-availability to Landscape Architect, together with proposal for use of equivalent material. At the time bids are submitted, the Contractor is assumed to have located the materials necessary to complete the job as specified.
  - Landscape Architect will provide a key identifying each tree location on site. Written verification will be required to document material selection, source and delivery schedules to site.
  - Measurements: Measure trees with branches and trunks or canes in their normal position. Do not prune to obtain required sizes. Take caliper measurements six inches above ground for trees up to and including 4" caliper size, and twelve inches above ground for larger sizes. Measure main body of all plant material of height and spread dimensions,

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**01 TREE PLANTING DETAIL**  
NOT TO SCALE

**TREE PLANTING DETAIL LEGEND AND NOTES**

- A. TREE: TREES SHALL CONFORM WITH LATEST AMERICAN STANDARD FOR NURSERY STOCK. www.anla.org
- B. TREE PIT: WIDTH TO BE AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOT BALL CENTER TREE IN HOLE & REST ROOT BALL ON UNDISTURBED NATIVE SOIL.
- C. ROOT BALL: REMOVE TOP 1/2 BURLAP AND ANY OTHER FOREIGN OBJECT; CONTAINER GROWN STOCK TO BE INSPECTED FOR GIRDLING ROOTS.
- D. ROOT FLARE: ENSURE THAT ROOT FLARE IS EXPOSED, FREE FROM MULCH, AND AT LEAST TWO INCHES ABOVE GRADE. TREES SHALL BE REJECTED WHEN GIRDLING ROOTS ARE PRESENT & ROOT FLARE IS NOT APPARENT.
- E. ROOTBALL ANCHOR RING: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. PLACE ROOTBALL ANCHOR RING ON BASE OF ROOTBALL. TRUNK SHOULD BE IN THE CENTER OF THE RING.
- F. ROOT ANCHOR BY TREE STAKE SOLUTIONS.
- G. NAIL STAKE: REFER TO MANUFACTURER'S GUIDELINES FOR SIZING. INSTALL NAIL STAKES WITH HAMMER OR Mallet FIRMLY INTO UNDISTURBED GROUND. DRIVE NAIL STAKES FLUSH WITH "U" BRACKET ADJACENT TO ROOTBALL (DO NOT DISTURB ROOTBALL).
- H. BACKFILL: USE EXISTING NATIVE SOIL (no amendments) WATER THOROUGHLY TO ELIMINATE AIR POCKETS.
- I. MULCH: 5' RADIUS, DOUBLE SHREDDED HARDWOOD MULCH 3" INCH SETTLED THICKNESS, WITH 2" HT. WATERING RING; ENSURE THAT ROOT FLARE IS EXPOSED. BELOW GROUND STAKE SHOULD NOT BE VISIBLE.
- J. 3/16" x 4" BLACK EDGING, STAKES ON INSIDE; EDGING SHALL BE 1/2" MAXIMUM HEIGHT ABOVE FINISH GRADE. 5' RADIUS, TYPICAL.
- K. TREE STAKES: TREE STAKE SOLUTIONS 'SAFETY STAKE' BELOW GROUND MODEL AVAILABLE FROM: Tree Stake Solutions ATTN: Jeff Tuley (903) 676-6143 jeff@treestakesolutions.com www.treestakesolutions.com OR APPROVED EQUAL. TREES SHALL BE STAKED BELOW GROUND WHERE NECESSARY; ABOVE GROUND STAKING IS EXPRESSLY PROHIBITED.
- L. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN A COPY OF THE MANUFACTURER'S SPECIFICATIONS PRIOR TO INSTALLATION OF TREE STAKES. CONTRACTOR SHALL ADHERE TO MANUFACTURER'S INSTALLATION GUIDELINES, SPECIFICATIONS, AND OTHER REQUIREMENTS FOR TREE STAKE INSTALLATION.

do not measure from branch or root tip-to-tip.

**1.8 PRODUCT DELIVERY, STORAGE AND HANDLING**

- A. Preparation:
  - Balled and Burlapped (B&B) Plants: Dig and prepare shipment in a manner that will not damage roots, branches, shape and future development.
  - Container Grown Plants: Deliver plants in rigid container to hold ball shape and protect root mass.
- B. Delivery:
  - Deliver packaged materials in sealed containers showing weight, analysis and name of manufacturer. Protect materials from deterioration during delivery and while stored on site.
  - Deliver only plant materials that can be planted in one day unless adequate storage and watering facilities are available on job site.
  - Protect root balls by heeling in with sawdust or other approved moisture retaining material if not planted within 24 hours of delivery.
  - Protect plants during delivery to prevent damage to root balls or desiccation of leaves. Keep plants moist at all times. Cover all materials during transport.
  - Notify Owner's Authorized Representative of delivery schedule 72 hours in advance job site.
  - Remove rejected plant material immediately from job site.
  - To avoid damage or stress, do not lift, move, adjust to height, or otherwise manipulate plants by trunk or stems.

**PART 2 - PRODUCTS**

**2.1 PLANTS**

- A. General: Well-formed No. 1 grade or better nursery grown stock. Listed plant heights are from tops of root balls to nominal tops of plants. Plant spread refers to nominal outer width of the plant, not to the outer leaf tips. Plants will be individually approved by the Owner's Authorized Representative and his decision as to their acceptability shall be final.
- B. 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.
- C. Quality and size: Plant materials shall conform to the size given on the plan, and shall be healthy, symmetrical, well-shaped, full branched and well rooted. The plants shall be free from injurious insects, diseases, injuries to the bark or roots, broken branches, objectionable disfigurements, insect eggs and larvae, and are to be of specimen quality.
- D. Approval: All plants which are found unsuitable in growth, or are in any unhealthy, badly shaped or undersized condition will be rejected by the Owner's Authorized Representative either before or after planting and shall be removed at the expense of the Landscape Contractor and replaced with acceptable plant as

specified at no additional cost to the Owner.

- E. Trees shall be healthy, full-branched, well-shaped, and shall meet the minimum trunk and diameter requirements of the plant schedule. Balls shall be firm, neat, slightly tapered and well wrapped in burlap. Any tree loose in the ball or with a broken root ball at time of planting will be rejected. Balls shall be ten (10") inches in diameter for each one (1") inch of trunk diameter, measured six (6") inches above ball. (Nomenclature confirms to the customary nursery usage. For clarification, the term "multi-trunk" defines a plant having three (3) or more trunks of nearly equal diameter.)
- F. Pruning: All pruning of trees and shrubs, as directed by the Landscape Architect prior to final acceptance, shall be executed by the Landscape Contractor at no additional cost to the Owner.

**2.2 SOIL PREPARATION MATERIALS**

- A. Sandy Loam:
  - Friable, fertile, dark, loamy soil, free of clay lumps, subsoil, stones and other extraneous material and reasonably free of weeds and foreign grasses. Loam containing Dallasgrass or Nutgrass shall be rejected.
  - Physical properties as follows:
    - Clay - between 7-27 percent
    - Silt - between 15-25 percent
    - Sand - less than 52 percent
  - Organic matter shall be 3%-10% of total dry weight.
  - If requested, Landscape Contractor shall provide a certified soil analysis conducted by an approved soil testing laboratory verifying that sandy loam meets the above requirements.
- B. Organic Material: Compost with a mixture of 80% vegetative matter and 20% animal waste. Ingredients should be a mix of coarse and fine textured material.
- C. Sharp Sand: Sharp sand must be free of seeds, soil particles and weeds.
- D. Mulch: Double Shredded Hardwood Mulch, partially decomposed, dark brown unless otherwise specified on plans.
- E. Organic Fertilizer: Fertilaid, Sustane, or Green Sense or equal as recommended for required applications. Fertilizer shall be delivered to the site in original unopened containers, each bearing the manufacturer's guaranteed statement of analysis.
- F. Commercial Fertilizer: 10-20-10 or similar analysis. Nitrogen source to be a minimum 50% slow release organic Nitrogen (SCU or UF) with a minimum 8% sulfur and 4% iron, plus micronutrients.
- G. Peat: Commercial sphagnum peat moss or partially decomposed shredded pine bark or other approved organic material.

**2.3 MISCELLANEOUS MATERIALS**

- A. Steel Edging: All steel edging shall be 3/16" thick x 4" deep x 18" long with 6 stakes per section, painted black at the factory as manufactured by The J.D. Russell Company and under its trade name DURAEDGE Heavy Duty Steel.
- B. Staking Material for Shade Trees: refer to details.
- C. Gravel: Washed native pea gravel, graded 1 inch to 1-1/2 inch.
- D. Filter Fabric: 'Mirafi Mirascape' by Mirafi Construction Products or approved equal.
- E. River Rock: 'Colorado' or native river rock, 2" - 4" dia.
- F. Decomposed Granite: Base material shall consist of a natural material mix of granite aggregate not to exceed 1/8" diameter in size and shall be composed of various stages of decomposed earth base.

**PART 3 - EXECUTION**

**3.1 BED PREPARATION & FERTILIZATION**

- A. Landscape Contractor to inspect all existing conditions and report any deficiencies to the Owner.
- B. All planting areas shall be conditioned as follows:
  - Prepare new planting beds by scraping away existing grass and weeds as necessary. Till existing soil to a depth of six (6") inches prior to placing compost and fertilizer. Apply fertilizer as per Manufacturer's recommendations. Add six (6") inches of compost and till into a depth of six (6") inches of the topsoil. Apply organic fertilizer such as Sustane or Green Sense at the rate of twenty (20) pounds per one thousand (1,000) square feet.
  - All planting areas shall receive a three (3") inch layer of specified mulch.
  - Backfill for tree pits shall be as follows: Use existing top soil on site (use imported topsoil as needed) free from large clumps, rocks, debris, caliche, subsoils, etc., placed in nine (9") inch layers and watered in thoroughly.
- C. Grass Areas:
  - Blocks of sod should be laid joint to joint (staggered joints) after fertilizing the ground first. Roll grass areas to achieve a smooth, even surface. The joints between the blocks of sod should be filled with topsoil where they are evidently gaped open, then watered thoroughly.

**3.2 INSTALLATION**

- A. Maintenance of plant materials shall begin immediately after each plant is delivered to the site and shall continue until all construction has been satisfactorily accomplished.
- B. Plant materials shall be delivered to the site only after the beds are prepared and areas are ready for planting. All shipments of nursery materials shall be thoroughly protected from the drying winds during transit. All plants which cannot be planted at once, after delivery to the site, shall be well protected against the possibility of drying by wind and Balls of earth of B & B plants shall be kept covered with soil or other acceptable material. All plants remain the property of the Contractor until final acceptance.
- C. Position the trees and shrubs in their intended location as per plan.
- D. Notify the Owner's Authorized Representative for inspection and approval of all positioning of plant materials.
- E. Excavate pits with vertical sides and horizontal bottom. Tree pits shall be large enough to permit handling and planting without injury to balls of earth or roots and shall be of such depth that, when planted and settled, the crown of the plant shall bear the same relationship to the finish grade as it did to soil surface in original place of growth.
- F. Shrub and tree pits shall be no less than twenty-four (24") inches wider than the lateral dimension of the earth ball and six (6") inches deeper than it's vertical dimension. Remove and haul from site all rocks and stones over three-quarter (3/4") inch in diameter. Plants should be thoroughly moist before removing containers.
- G. Dig a wide, rough sided hole exactly the same depth as the height of the ball, especially at the surface of the ground. The sides of the hole should be rough and jagged, never slick or glazed.
- H. Percolation Test: Fill the hole with water. If the water level does not percolate within 24 hours, the tree needs to move to another location or have drainage added. Install a PVC stand pipe per tree planting detail as approved by the Landscape Architect if the percolation test fails.
- I. Backfill only with 5 parts existing soil or sandy loam and 1 part bed preparation. When the hole is dug in solid rock, topsoil from

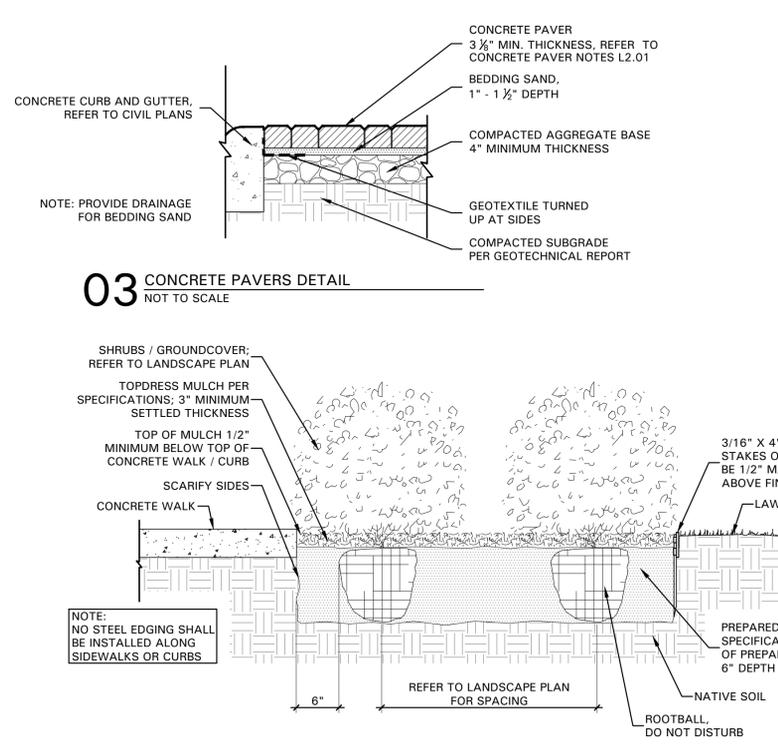
the same area should not be used. Carefully settle by watering to prevent air pockets. Remove the burlap from the top 1/2 of the ball, as well as all nylon, plastic string and wire. Container trees will usually be root bound, if so follow standard nursery practice of 'root scoring'.

- J. Do not wrap trunks.
- K. Do not use trees.
- L. 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 and mulch with at least three (3") inches of specified mulch.
- M. All plant beds and trees to be mulched with a minimum settled thickness of three (3") inches over the entire bed or pit.
- N. Obstruction below ground: In the event that 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 selected by the Owner. Where obstructions cannot be changed, the obstructions shall be removed to a depth of not less than three (3') feet below grade and no less than six (6") inches below the bottom of ball when plant is properly set at 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.
- O. Trees and large shrubs shall be staked as site conditions require. Position stakes to secure trees against seasonal prevailing winds.
- P. Pruning and Mulching: Pruning shall be directed by the Landscape Architect and shall be pruned in accordance with standard horticultural practice following Fine Pruning, Class I pruning standards provided by the National Arborist Association.
  - Dead wood, suckers, broken and badly bruised branches shall be removed. General tipping of the branches is not permitted. Do not cut terminal branches.
  - Pruning shall be done with clean, sharp tools.
  - Immediately after planting operations are completed, all tree pits shall be covered with a layer of organic material two (2") inches in depth. This limit of the organic material for tree pits shall be the diameter of the plant pit.
- Q. Steel Curbing Installation:
  - Curbing shall be aligned as indicated on plans. Stake out limits of steel curbing and obtain Owners approval prior to installation.
  - All steel curbing shall be free of kinks and abrupt bends.
  - Top of curbing shall be 1/2" maximum height above final finished grade.
  - Stakes are to be installed on the planting bed side of the curbing, as opposed to the grass side.
  - Do not install steel edging along sidewalks or curbs.
  - Cut steel edging at 45 degree angle where edging meets sidewalks or curbs.

**3.3 CLEANUP AND ACCEPTANCE**

- A. Cleanup: During the work, the premises shall be kept neat and orderly at all times. Storage areas for all materials shall be so organized so that they, too, are neat and orderly. All trash and debris shall be removed from the site as work progresses. Keep paved areas clean by sweeping or hosing them at end of each work day.

END OF SECTION



**02 SHRUB / GROUNDCOVER DETAIL**  
NOT TO SCALE



Restaurant Support Office  
6800 Bishop Road, Plano, TX 75024  
Tel: 972-769-3100 Fax: 972-769-3101

Store:  
**Gibson & Alumni**  
**Albuquerque, NM**  
**Restaurant #RC972**  
**P6-V-AV**

**PM DESIGN**  
Architectural Solutions Group

9540 HAROLD CIRCLE SUITE 260  
ENGLEWOOD, CO 80112  
CONTACT: JOHN WELSHES PHONE: 469 301 0056 EMAIL: JWELSHES@PMDCORP.COM

KEH MCCrackEN, ARCHITECT



Prototype :	P6-V-AV 2022-1.0 RELEASE
Prototype Issue Date:	09.22.2022
Kitchen Issue Date:	---
Design Bulletin Updates:	---
Date Issued:	Bulletin Number:
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**PERMIT SET**

09/12/2022	SOLID WASTE REVIEW
11/30/2022	UNM SUBMITTAL
04/07/2023	FOR PERMIT
05/12/2023	CITY COMMENTS
06/21/2023	CITY COMMENTS
3	
4	
5	
6	
7	
8	
9	

Sheet Title:  
**LANDSCAPE SPECIFICATIONS**  
Date: 03.27.2023  
Project Number: RAC22025.0  
Drawn By: JM  
Sheet Number:

**BELLE FIRMA**  
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**L2.02**