

BOUNDARY LINE DATA

LINE NO.	BEARING	DISTANCE
L1	N 89°56'26" E	29.13'
L2	N 00°03'34" W	10.00'
L3	S 01°43'05" W	19.11'
L4	N 88°09'36" W	2.14'
L5	S 02°17'57" W	5.56'
L6	S 86°36'43" W	10.22'
L7	S 00°17'35" W	13.74'
L8	S 85°57'36" E	9.55'
L9	S 02°12'55" W	5.28'
L10	S 85°32'59" E	2.54'
L11	N 38°07'19" W	23.07'
L12	N 11°35'09" E	130.94'
L13	N 89°56'26" E	85.75'
L14	N 89°47'23" W	153.16'

SOLID SOD NOTES

- FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS INDICATED. LEAVE AREAS TO RECEIVE TOPSOIL. 3" BELOW FINAL DESIRED GRADE IN PLANTING AREAS AND 1" BELOW FINAL GRADE IN TURF AREAS.
- ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
- ALL LAWN AREAS TO RECEIVE SOLID SOD SHALL BE LEFT IN A MAXIMUM OF 1" BELOW FINAL FINISH GRADE. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- CONTRACTOR TO COORDINATE WITH ON-SITE CONSTRUCTION MANAGER FOR AVAILABILITY OF EXISTING TOPSOIL.
- PLANT SOD BY HAND TO COVER INDICATED AREA COMPLETELY. INSURE EDGES OF SOD ARE TOUCHING. TOP DRESS JOINTS BY HAND WITH TOPSOIL TO FILL VOIDS.
- ROLL GRASS AREAS TO ACHIEVE A SMOOTH, EVEN SURFACE. FREE FROM UNNATURAL UNDULATIONS.
- WATER SOD THOROUGHLY AS SOD OPERATION PROGRESSES.
- CONTRACTOR SHALL MAINTAIN ALL LAWN AREAS UNTIL FINAL ACCEPTANCE. THIS SHALL INCLUDE, BUT NOT LIMITED TO: MOWING, WATERING, WEEDING, CULTIVATING, CLEANING AND REPLACING DEAD OR BARE AREAS TO KEEP PLANTS IN A VIGOROUS, HEALTHY CONDITION.
- CONTRACTOR SHALL GUARANTEE ESTABLISHMENT OF AN ACCEPTABLE TURF AREA AND SHALL PROVIDE REPLACEMENT FROM LOCAL SUPPLY IF NECESSARY.
- IF INSTALLATION OCCURS BETWEEN SEPTEMBER 1 AND MARCH 1, ALL SOD AREAS TO BE OVER-SEEDED WITH WINTER RYEGRASS, AT A RATE OF (4) POUNDS PER ONE THOUSAND (1000) SQUARE FEET.

GENERAL LAWN NOTES

- FINE GRADE AREAS TO ACHIEVE FINAL CONTOURS INDICATED ON CIVIL PLANS.
- ADJUST CONTOURS TO ACHIEVE POSITIVE DRAINAGE AWAY FROM BUILDINGS. PROVIDE UNIFORM ROUNDING AT TOP AND BOTTOM OF SLOPES AND OTHER BREAKS IN GRADE. CORRECT IRREGULARITIES AND AREAS WHERE WATER MAY STAND.
- ALL LAWN AREAS TO RECEIVE SOLID SOD SHALL BE LEFT IN A MAXIMUM OF 1" BELOW FINAL FINISH GRADE. CONTRACTOR TO COORDINATE OPERATIONS WITH ON-SITE CONSTRUCTION MANAGER.
- IMPORTED TOPSOIL SHALL BE NATURAL, FRIABLE SOIL FROM THE REGION, KNOWN AS "BOTTOM AND SOIL", FREE FROM LUMPS, CLAY, TOXIC SUBSTANCES, ROOTS, DEBRIS, VEGETATION, STONES, CONTAINING NO SALT AND BLACK TO BROWN IN COLOR.
- ALL LAWN AREAS TO BE FINE GRADED, IRRIGATION TRENCHES COMPLETELY SETTLED, AND FINISH GRADE APPROVED BY THE OWNER'S CONSTRUCTION MANAGER OR ARCHITECT PRIOR TO INSTALLATION.
- ALL ROCKS 3/4" DIAMETER AND LARGER, DIRT CLOUDS, STICKS, CONCRETE SPOILS, ETC. SHALL BE REMOVED PRIOR TO PLACING TOPSOIL AND ANY LAWN INSTALLATION.
- CONTRACTOR SHALL PROVIDE (1") ONE INCH OF IMPORTED TOPSOIL ON ALL AREAS TO RECEIVE LAWN.

LANDSCAPE NOTES

- CONTRACTOR SHALL VERIFY ALL EXISTING AND PROPOSED SITE ELEMENTS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. SURVEY DATA OF EXISTING CONDITIONS WAS SUPPLIED BY OTHERS.
- 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 IS RESPONSIBLE FOR OBTAINING ALL REQUIRED LANDSCAPE AND IRRIGATION PERMITS.
- CONTRACTOR TO PROVIDE A MINIMUM 2% SLOPE AWAY FROM ALL STRUCTURES.
- ALL PLANTING BEDS AND LAWN AREAS TO BE SEPARATED BY STEEL EDGING. NO STEEL TO BE INSTALLED ADJACENT TO SIDEWALKS OR CURBS.
- ALL LANDSCAPE AREAS TO BE 100% IRRIGATED WITH AN UNDERGROUND AUTOMATIC IRRIGATION SYSTEM AND SHALL INCLUDE RAIN AND FREEZE SENSORS.
- ALL LAWN AREAS TO BE SOLID SOD BERMUDAGRASS, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

PLANT MATERIAL SCHEDULE: BUILDING 3

TREES					
TYPE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
CE	4	Cedar Elm	<i>Ulmus crassifolia</i>	4" cal.	B&B, 12" ht., 4' spread min., 5' clear trunk
LO	4	Live Oak	<i>Quercus virginiana</i>	4" cal.	container, 12" ht., 4' spread, 5' clear straight trunk
RO	5	Red Oak	<i>Quercus shumardii</i>	4" cal.	container, 12" ht., 4' spread, 5' clear straight trunk
SHRUBS					
TYPE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
NPH	99	Needlepoint Holly	<i>Ilex cornuta "Needlepoint"</i>	7 gal.	container, 36" ht., 30" spread, 30" o.c.
NRS	14	Nellie R. Stevens Holly	<i>Ilex x "Nellie R. Stevens"</i>	7 gal.	container, 36" ht., 30" spread, 36" o.c.
GROUNDCOVERS					
TYPE	QTY	COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
	8483 s.f.	'419' Bermudagrass	<i>Cynodon dactylon '419'</i>		Solid Sod refer to notes

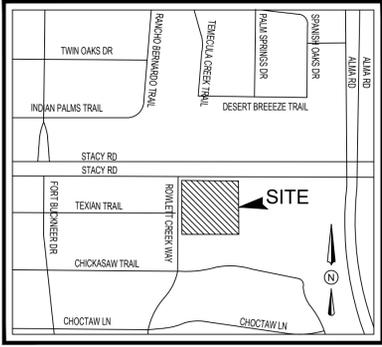
NOTE: Plant list is an aid to bidders only. Contractor shall verify all quantities on plan. All heights and spreads are minimums. All plant material shall meet or exceed remarks as indicated. All trees to have straight trunks and be matching within varieties.

THERE ARE NO EXISTING TREES LOCATED ON SITE

ALL LANDSCAPE WILL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM DESIGNED BY A STATE OF TEXAS LICENSED IRRIGATOR TO THE STANDARDS OF THE CITY OF MCKINNEY AND TECCO. THE SYSTEM WILL INCLUDE AN ET BASED CONTROLLER WITH A RAIN AND FREEZE SENSOR.

LANDSCAPE TABULATIONS

LOCATION	REQUIRED	PROVIDED	REMARKS
STREETYARD (Total Site: 23,828.63 s.f.) Requirements: 10% of total site area to be landscape	Required 2,382.66 s.f. (10%)	Provided 10,405.11 s.f. (44%)	
STREET TREES Requirements: One (1) tree per 40 l.f. of street frontage parking screen	Required (4) trees, 4" cal.	Provided (4) trees, 4" cal.	
US HWY 75 (140 l.f.)	Required (4) trees, 4" cal.	Provided (4) trees, 4" cal.	
BRAY CENTRAL DRIVE (175 l.f.)	Required (5) trees, 4" cal.	Provided (5) trees	
PARKING LOT (23 spaces) Requirements: (1) tree per 7 parking spaces (1) tree within 65' of every space Terminus island with (1) canopy tree provided at the end of each parking row At least 75% of the frontage parking shall be screened from the public street w/ evergreen shrubs (36" ht.)	Required (3) trees, 4" cal. Terminus islands w/ trees 36" ht. parking lot screen (75%)	Provided (4) trees, 4" cal. Terminus islands w/ trees 36" ht. parking lot screen (80%)	



VICINITY MAP
N.T.S.
MAPSCO ~ 59 X

LANDSCAPE ARCHITECT
STUDIO GREEN SPOT, INC.
1782 W. McDERMOTT DR.
ALLEN, TEXAS 75013
(469) 369-4448
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PELICAN LIQUOR STORE
HIGHWAY 75 AND BRAY CENTRAL DRIVE
MCKINNEY, TEXAS

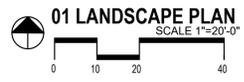
ISSUE:
FOR APPROVAL 07.18.2023
CITY COMMENTS 08.18.2023
CITY COMMENTS 08.29.2023
CITY COMMENTS 09.12.2023

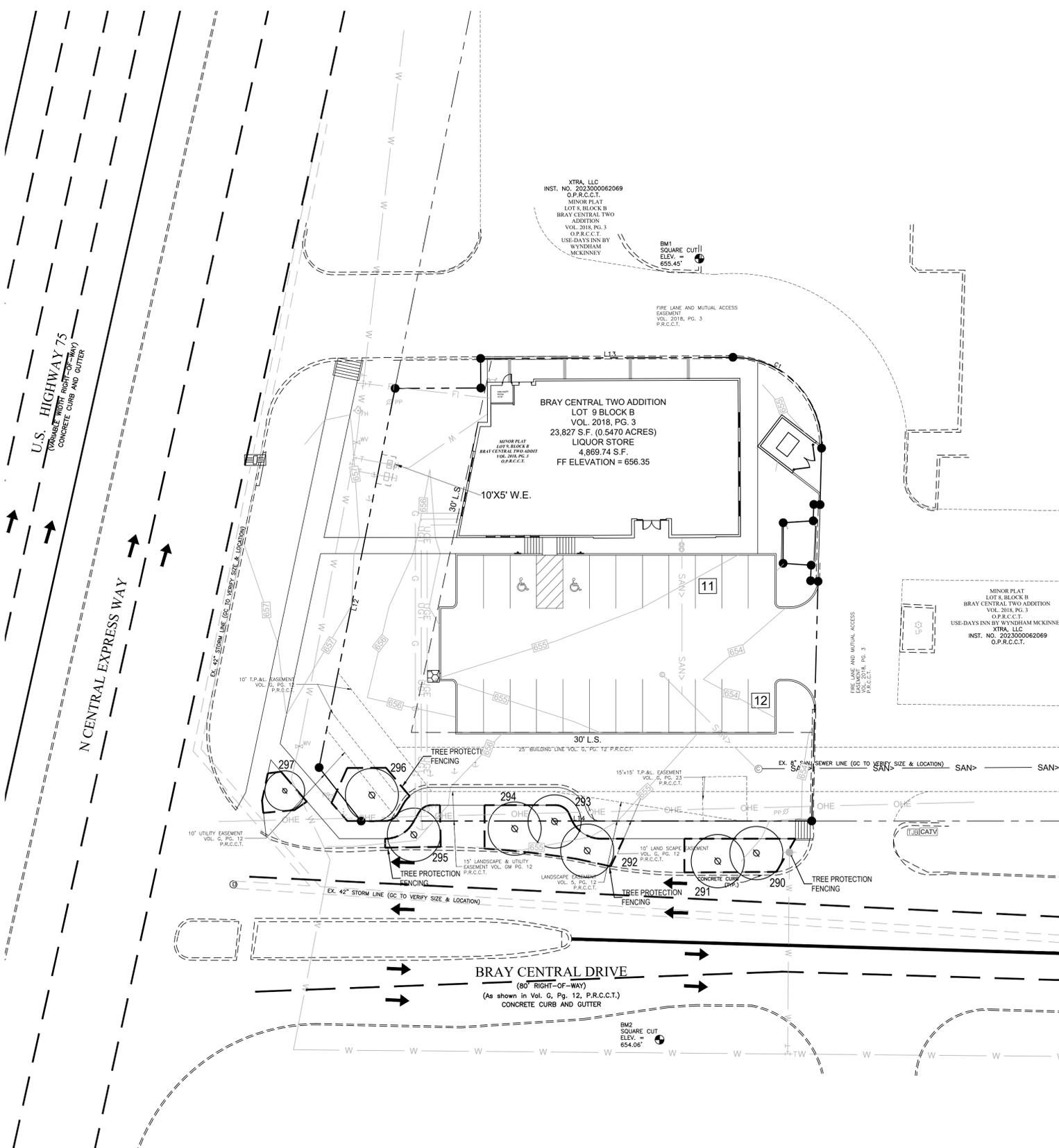
DATE:
09.12.2023

SHEET NAME:
LANDSCAPE PLAN

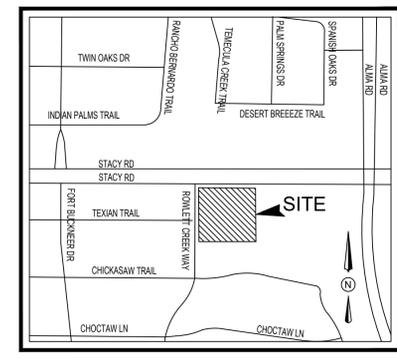
SHEET NUMBER:

L.2





BOUNDARY LINE DATA		
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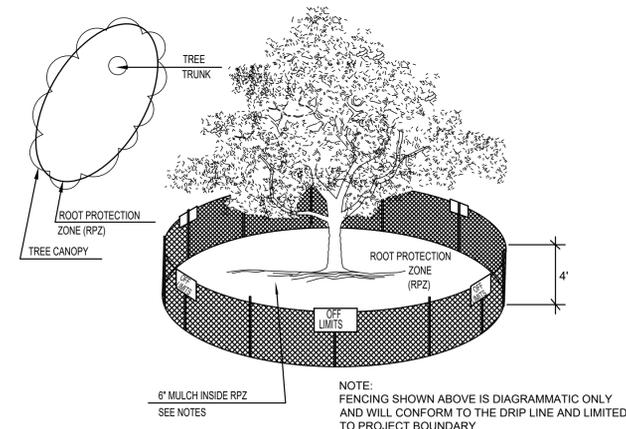
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EXISTING TREE NOTES

- Existing trees to remain shall be protected during construction from tree structure damage and compaction of soil under and around dripline (canopy) of tree.
- If any root structure is damaged during adjacent excavation/construction, notify the Architect 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.
- Material Storage: No materials intended for use in construction or waste materials accumulated due to excavation or demolition shall be placed within the limits of the dripline of any tree.
- Equipment Cleaning/Liquid Disposal: No equipment may be cleaned, toxic solutions, or other liquid chemicals shall be deposited within the limits of the dripline of a tree. This would include but not be limited to paint, oil, solvents, asphalt, concrete, mortar, primers, etc.
- Tree Attachments: No signs, wires or other attachments, other than those of a protective nature shall be attached to any tree.
- Vehicular Traffic: No vehicular and construction equipment traffic or parking is allowed within the limits of the dripline 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.
- Trenching: Any 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.
- Tree Flagging: 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 Landscape Architect prior to any tree removal. Contractor shall contact Landscape Architect with 72 hour notice to schedule on-site meeting.
- Protective Fencing: All trees to remain, as noted on drawings, shall have protective fencing located at the tree's dripline. 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 will be located as indicated on the Tree Protection Detail(s).
- Bark Protection: In situations where a tree remains in the immediate area of intended construction, the tree shall be protected by enclosing the entire circumference of the tree's trunk with lumber encircled with wire or other means that does not damage the tree. Refer to Tree Protection Detail(s).
- Construction Pruning: In a case where a low hanging limb is broken during the course of construction, the Contractor shall notify the Landscape Architect immediately. In no instance shall the Contractor prune any portion of the damaged tree without the prior approval by the Landscape Architect.



01 TREE PROTECTION FENCE A
NOT TO SCALE

EXISTING TREE LEGEND

- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- TREE PROTECTION FENCING TO REMAIN DURING CONSTRUCTION REFER TO 01/L1.00

TREE SURVEY FIELD DATA

NO.	DIA. INCHES	SPECIES (COMMON NAME)	REMARKS	EXEMPTIONS
290	12	CREPE MYRTLE	TO REMAIN	
291	18	LIVE OAK	TO REMAIN	
292	14	CEDAR ELM	TO REMAIN	
293	14	HOLLY	TO REMAIN	
294	22	ELM	TO REMAIN	
295	16	LIVE OAK	TO REMAIN	
296	16	LIVE OAK	TO REMAIN	
297	6	CREPE MYRTLE	TO REMAIN	

01 EXISTING TREE PLAN
SCALE 1"=20'-0"

PELICAN LIQUOR STORE
HIGHWAY 75 AND BRAY CENTRAL DRIVE
MCKINNEY, TEXAS

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09.12.2023

SHEET NAME:
EXISTING TREE PLAN

SHEET NUMBER:

L.1