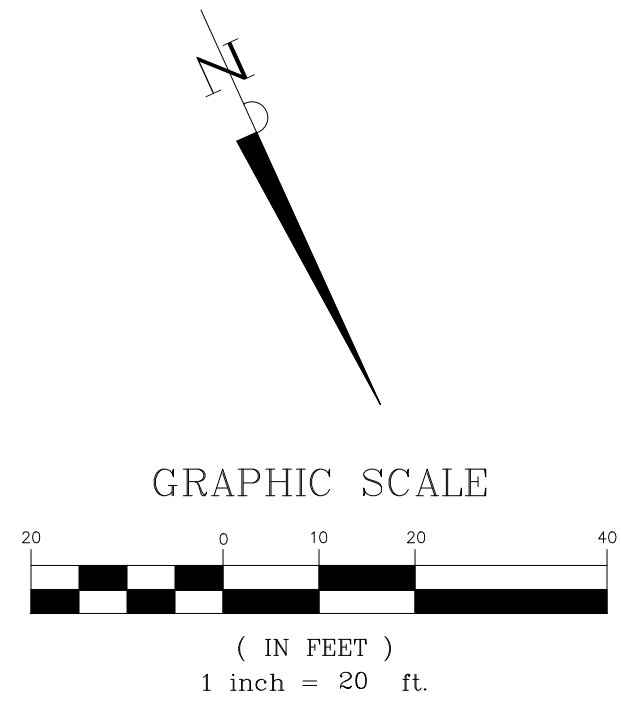


PLANT SCHEDULE

TREES	CODE	COMMON NAME / BOTANICAL NAME	CONT	CAL	SIZE	QTY
	EX3	Existing Tree - to be Retained frontage tree credit	exist.	exist.	exist.	1
	IO2	American Holly / <i>Ilex opaca</i> 'East Palatka' multi-trunk; frontage tree	CONT.	4"Cal	min. 10' ht.	5
	KP	Golden Rain Tree / <i>Koeleruteria paniculata</i> perimeter buffer tree	CONT.	3"Cal	10-12' ht.	7
	LO	Live Oak / <i>Quercus virginiana</i> perimeter buffer tree	CONT.	3"Cal	min. 10' ht.	8
	CE	Cedar Elm / <i>Ulmus crassifolia</i> frontage tree	CONT.	4"Cal	12-15' ht.	9
	MTO	Lacebark Elm / <i>Ulmus parviflora</i> parking lot tree	CONT.	3"Cal	10-12' ht.	12

SHRUBS	CODE	COMMON NAME / BOTANICAL NAME	SIZE	QTY
	CFF	Chinese Fringe Flower / <i>Lorapetalum chinensis</i> 36" o.c.	3 gal	18
	GAB	Glossy Abelia / <i>Abelia grandiflora</i> 24" ht/36" o.c.; parking lot screen	5 gal	107

GROUND COVERS	CODE	COMMON NAME / BOTANICAL NAME	CONT	QTY
	CT	Bermuda Grass / <i>Cynodon dactylon</i> 'Tif 419'	sod	9,119 sf
	LA	Aztec Grass / <i>Liriope muscari</i> 'Aztec' 15" o.c.	1 gal	90



LANDSCAPE CALCULATIONS

BUFFER TREES
 LENGTH OF FRONTAGE: 258 LF
 TREES REQUIRED IN FRONT BUFFER: 10 CANOPY TREES (1 TREE PER 25 LF)
 CANOPY TREES PROVIDED: 10 CANOPY TREES
 ORNAMENTAL TREES REQUIRED IN FRONT BUFFER: 5 ORNAMENTAL TREES (2 TREES PER 50 LF)
 ORNAMENTAL TREES PROVIDED: 5 ORNAMENTAL TREES

LENGTH OF SIDE/REAR BUFFERS: 733 LF
 TREES REQUIRED IN SIDE/REAR BUFFERS: 25 CANOPY TREES (1 TREE PER 30 LF)
 CANOPY TREES PROVIDED: 18 CANOPY TREES (DEFICIENCY DUE TO 75' ATMOS ESMT.)

PARKING LOT
 PARKING LOT AREA: 18,164 SF
 LANDSCAPE AREA REQUIRED: 3,633 SF (15%)
 LANDSCAPE AREA PROVIDED: 3,555 SF

PARKING LOT SCREENED WITH CONTINUOUS SOLID ROW OF SHRUBS
 PARKING LOT TREE PROVIDED AT END OF EACH PARKING BAY

GENERAL PLANTING NOTES

- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN). BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE GRADE OF ALL LANDSCAPE AREAS ARE WITHIN +/-0.1' OF FINISH GRADE. THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE OWNER IMMEDIATELY SHOULD ANY DISCREPANCIES EXIST. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
- CONSTRUCT AND MAINTAIN FINISH GRADES IN LANDSCAPE AREAS AS SHOWN ON GRADING PLANS, AND CONSTRUCT AND MAINTAIN SLOPES AS RECOMMENDED BY THE GEOTECHNICAL REPORT. ALL LANDSCAPE AREAS SHALL HAVE POSITIVE DRAINAGE AWAY FROM STRUCTURES AT THE MINIMUM SLOPE SPECIFIED IN THE REPORT, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL. SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
- ENSURE THAT THE GRADE IN SHRUB AREAS SHALL BE 2" BELOW FINISH GRADE AFTER INSTALLING SOIL AMENDMENTS, AND 1" BELOW FINISH GRADE IN SOD AREAS AFTER INSTALLING SOIL AMENDMENTS. MULCH COVER WITHIN 6" OF CONCRETE WALKS AND CURBS SHALL NOT PROTRUDE ABOVE THE FINISH SURFACE OF THE WALKS AND CURBS. MULCH COVER WITHIN 12" OF WALLS SHALL BE AT LEAST 3" LOWER THAN THE TOP OF WALL.
- INSTALL 5 OUNCE, WOVEN, NEEDLE-PUNCHED POLYPROPYLENE FABRIC (DEWITT 'PRO-5' OR EQUAL) UNDER ALL MULCHED AREAS AND INDIVIDUAL TREE RINGS.
- INSTALL MULCH TOPDRESSING, TYPE AND DEPTH PER MULCH NOTE, IN ALL PLANTING BEDS AND TREE RINGS. DO NOT INSTALL MULCH WITHIN 6" OF TREE ROOT FLARE.
- INSTALL 14G, GREEN STEEL EDGING BETWEEN ALL PLANTING BEDS AND TURF AREAS, AND BETWEEN GROUNDCOVERS AND OTHER PLANTS (WHERE INDICATED ON THE PLAN).
- HYDROMULCH ALL DISTURBED AREAS OUTSIDE OF PROPERTY LIMITS (UNLESS SHOWN AS SOD).
- ALL PLANT LOCATIONS ARE DIAGMMATIC. ACTUAL LOCATIONS SHALL BE VERIFIED WITH THE LANDSCAPE ARCHITECT OR DESIGNER PRIOR TO PLANTING. THE LANDSCAPE CONTRACTOR SHALL ENSURE THAT ALL REQUIREMENTS OF THE PERMITTING AUTHORITY ARE MET (I.E., MINIMUM PLANT QUANTITIES, PLANTING METHODS, TREE PROTECTION METHODS, ETC.).
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR DETERMINING PLANT QUANTITIES; PLANT QUANTITIES SHOWN ON LEGENDS AND CALLOUTS ARE FOR GENERAL INFORMATION ONLY. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLAN AND THE PLANT LEGEND, THE PLANT QUANTITY AS SHOWN ON THE PLAN (FOR INDIVIDUAL SYMBOLS) OR CALLOUT (FOR GROUNDCOVER PATTERNS) SHALL TAKE PRECEDENCE.
- NO SUBSTITUTIONS OF PLANT MATERIALS SHALL BE ALLOWED WITHOUT THE WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.** IF SOME OF THE PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT IN WRITING (VIA PROPER CHANNELS).
- PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOBSITE BY THE OWNER OR OWNER'S REPRESENTATIVE.
- THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL WORK SHOWN ON THESE PLANS FOR 90 DAYS BEYOND FINAL ACCEPTANCE OF ALL LANDSCAPE WORK BY THE OWNER. LANDSCAPE MAINTENANCE SHALL INCLUDE WEEKLY SITE VISITS FOR THE FOLLOWING ACTIONS (AS APPROPRIATE): PROPER PRUNING, RESTAKING OF TREES, RESETTING OF PLANTS THAT HAVE SETTLED, MOWING AND AERATION OF LAWNS, WEEDING, RESEEDING AREAS WHICH HAVE NOT GERMINATED WELL, TREATING FOR INSECTS, AND DISEASES, REPLACEMENT OF MULCH, REMOVAL OF LITTER, REPAIRS TO THE IRRIGATION SYSTEM DUE TO FAULTY PARTS AND/OR WORKMANSHIP, AND THE APPROPRIATE WATERING OF ALL PLANTINGS. THE LANDSCAPE CONTRACTOR SHALL MAINTAIN THE IRRIGATION SYSTEM IN PROPER WORKING ORDER, WITH SCHEDULING ADJUSTMENTS BY SEASON TO MAXIMIZE WATER CONSERVATION.
- SHOULD SEEDED AND/OR SODDED AREAS NOT BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM, THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR WATERING THESE AREAS AND OBTAINING A FULL STAND OF GRASS AT NO ADDITIONAL COST TO THE OWNER.
- TO ACHIEVE FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD, ALL OF THE FOLLOWING CONDITIONS MUST OCCUR:
 - THE LANDSCAPE SHALL SHOW ACTIVE, HEALTHY GROWTH (WITH EXCEPTIONS MADE FOR SEASONAL DORMANCY). ALL PLANTS NOT MEETING THIS CONDITION SHALL BE REJECTED AND REPLACED BY HEALTHY PLANT MATERIAL PRIOR TO FINAL ACCEPTANCE.
 - ALL HARDSCAPE SHALL BE CLEANED PRIOR TO FINAL ACCEPTANCE.
 - SODDED AREAS MUST BE ACTIVELY GROWING AND MUST REACH A MINIMUM HEIGHT OF 1 1/2 INCHES BEFORE FIRST MOWING. HYDROMULCHED AREAS SHALL SHOW ACTIVE, HEALTHY GROWTH! BARE AREAS LARGER THAN TWELVE SQUARE INCHES MUST BE RESODDED OR RESEDED (AS APPROPRIATE) PRIOR TO FINAL ACCEPTANCE. ALL SODDED TURF SHALL BE NEATLY MOWED.
- SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.
- THE CANOPY TREE REQUIREMENT ON THE SOUTH SIDE OF THE SOUTHWEST PARKING LOT SHALL BE WAIVED AS PART OF THIS PROPOSED LANDSCAPE PLAN.

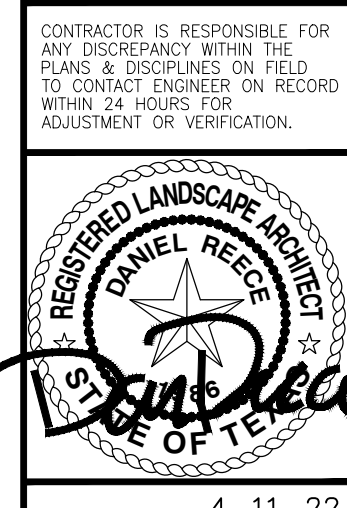
PLANTING AND IRRIGATION GUARANTEE

THE LANDSCAPE CONTRACTOR SHALL GUARANTEE THAT ALL NEWLY INSTALLED AND EXISTING PLANTS SHALL SURVIVE FOR ONE YEAR AFTER FINAL OWNER ACCEPTANCE OF THE INSTALLATION WORK. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR APPROPRIATE WATERING OF THE LANDSCAPE THROUGH INSTALLATION OF A PROPERLY DESIGNED IRRIGATION SYSTEM. THE OWNER SHALL APPROVE THE SYSTEM DESIGN BEFORE INSTALLATION OF PLANTS OR IRRIGATION.

- CITY NOTES**
- ALL LANDSCAPE AREAS SHALL BE IRRIGATED. A DETAILED IRRIGATION PLAN SHALL BE SUBMITTED WITH CONSTRUCTION PLANS.
 - ALL LANDSCAPE AREAS SHALL BE MAINTAINED IN ACCORDANCE WITH CITY REGULATIONS.

No.	Date	Revisions	App.

VATANI CONSULTING ENGINEERS, PLLC
 DESIGN CONSULTANTS
 TBPE # 4266
 5200 MITCHELLEDALE
 HOUSTON, TEXAS 77092
 Phone: (713) 400-0005
 E-mail: evhatani@vce.com



THE LEARNING EXPERIENCE
 151 RIDGE POINT PARKWAY
 KELLER, TX

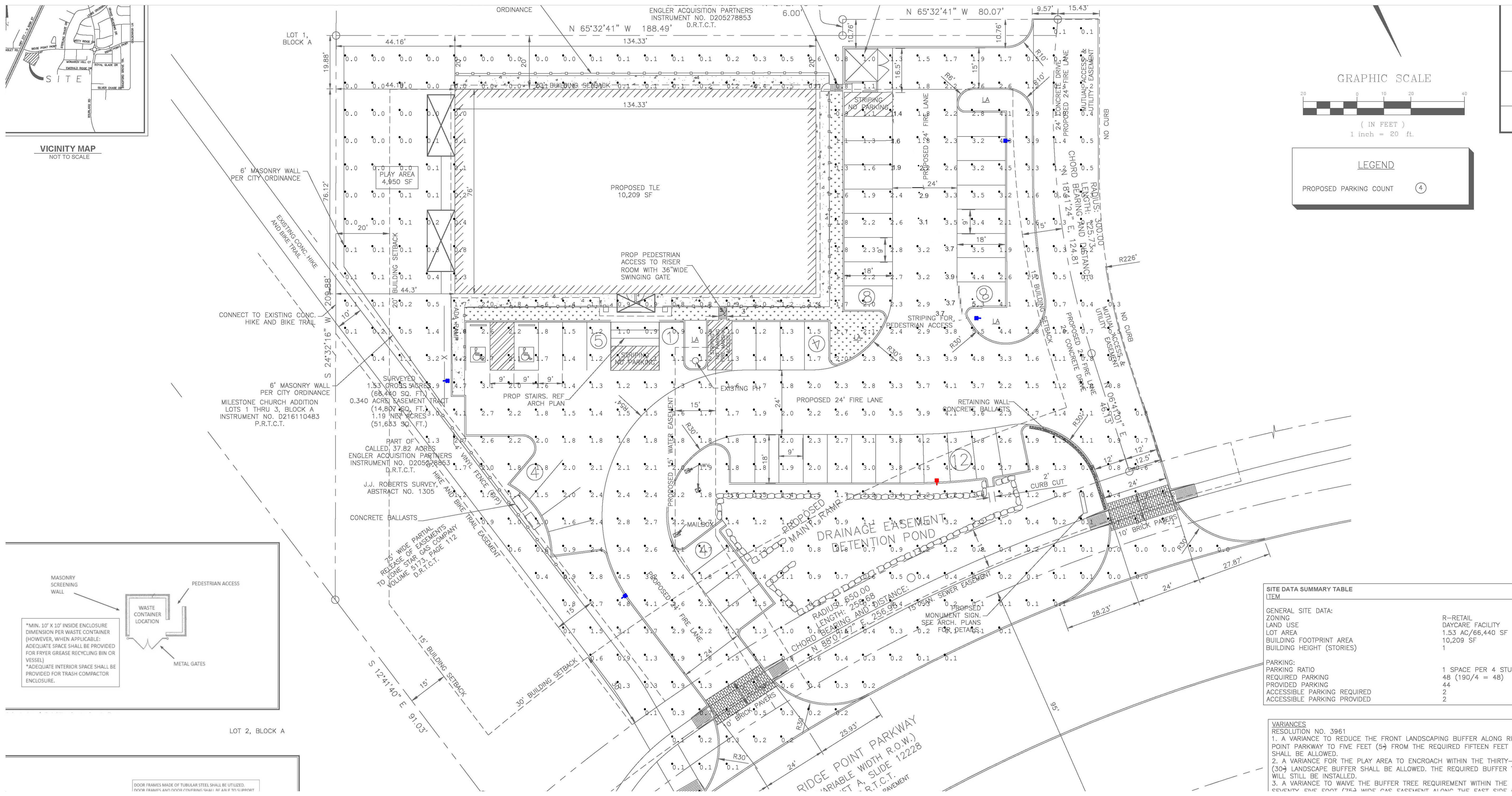
LANDSCAPE PLAN

Scale:	AS SHOWN
Designed by:	DR
Drawn by:	DR
Checked by:	DR
Date:	APRIL 21, 2017
Project No.:	CS2001



Luminaire Schedule						
Symbol	Qty	Model Number	Arrangement	Lumens	LLF	Description
	1	VLL-PLD-III-W-80LED-525mA-50	SINGLE	18305	1.000	80LED Type III W MT 525mA Cool White On 25' Pole
	1	VLL-PLD-IV-FT-80LED-525mA-50	SINGLE	17824	1.000	80LED Type IV MT 525mA Cool White On 25' Pole

Calculation Summary							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Illuminance	Fc	1.43	5.5	0.0	N.A.	N.A.



SITE DATA SUMMARY TABLE	
ITEM	
GENERAL SITE DATA:	
ZONING	R—RETAIL
LAND USE	DAYCARE FACILITY
LOT AREA	1.53 AC/66,440 SF
BUILDING FOOTPRINT AREA	10,209 SF
BUILDING HEIGHT (STORIES)	1
PARKING:	
PARKING RATIO	1 SPACE PER 4 STUDY
REQUIRED PARKING	48 (190/4 = 48)
PROVIDED PARKING	44
ACCESSIBLE PARKING REQUIRED	2
ACCESSIBLE PARKING PROVIDED	2

VARIANCES
 RESOLUTION NO. 3961
 1. A VARIANCE TO REDUCE THE FRONT LANDSCAPING BUFFER ALONG RIDGE POINT PARKWAY TO FIVE FEET (5') FROM THE REQUIRED FIFTEEN FEET (15') SHALL BE ALLOWED.
 2. A VARIANCE FOR THE PLAY AREA TO ENCROACH WITHIN THE THIRTY-FEET (30') LANDSCAPE BUFFER SHALL BE ALLOWED. THE REQUIRED BUFFER TREE WILL STILL BE INSTALLED.
 3. A VARIANCE TO WAIVE THE BUFFER TREE REQUIREMENT WITHIN THE EXISTING CONC. DRIVE W/IN PAV. EASEMENT ALONG THE EAST SIDE OF



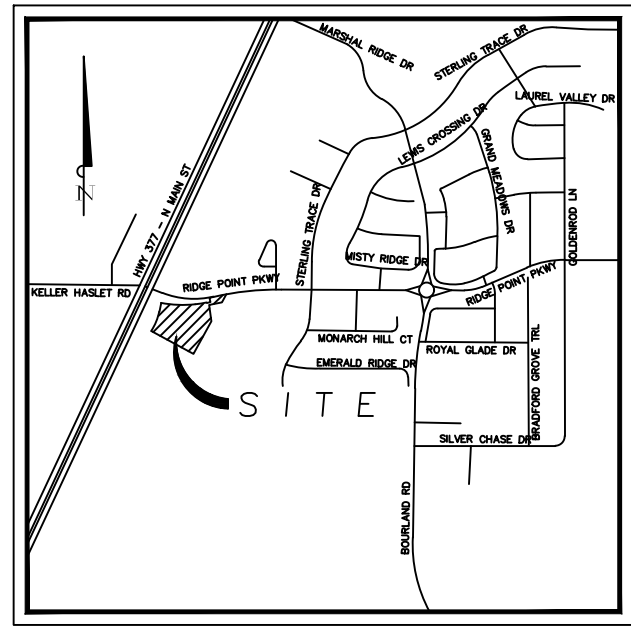
PROJECT: TLE Killer Update
LOCATION: 150 Ridge Point Parkway, Keller TX
CONTACT: Halley Liu
DATE: 5/26/2022

Page Number: 1

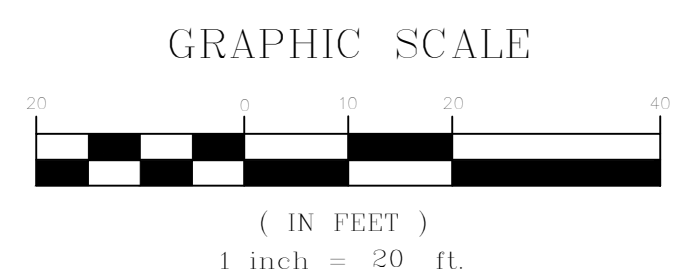
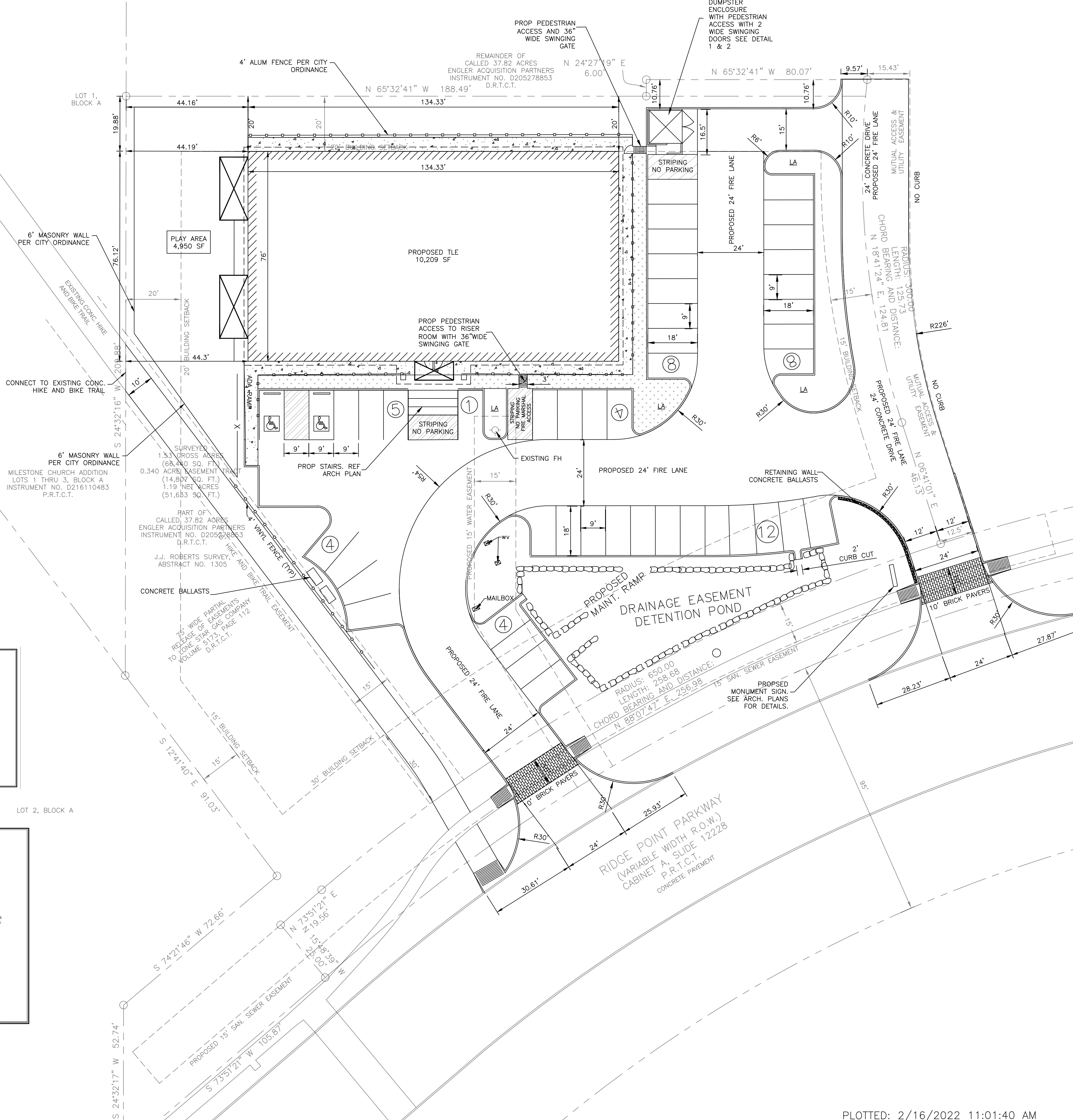
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FOR PURCHASING INFORMATION OF APPROVED EQUIPMENT SPECIFIED ON THIS PLAN CONTACT:

LED Spot
 5620 S. Willow Dr.
 Houston, TX 77035
 PH: 281-972-5006
 Email: Halley@ledspot.com



VICINITY MAP
NOT TO SCALE



LEGEND

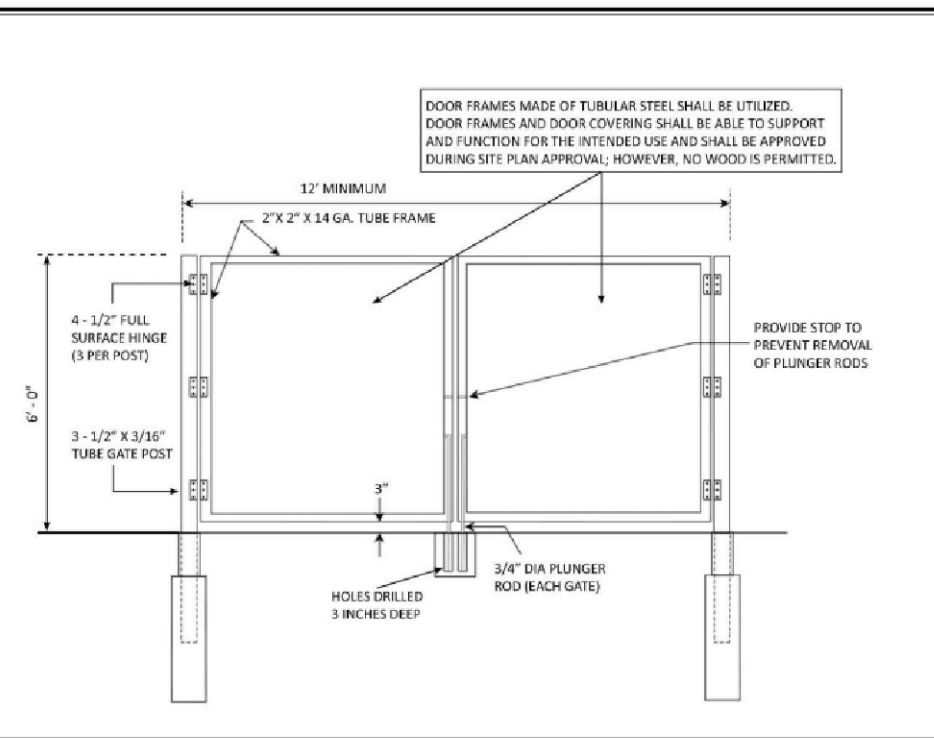
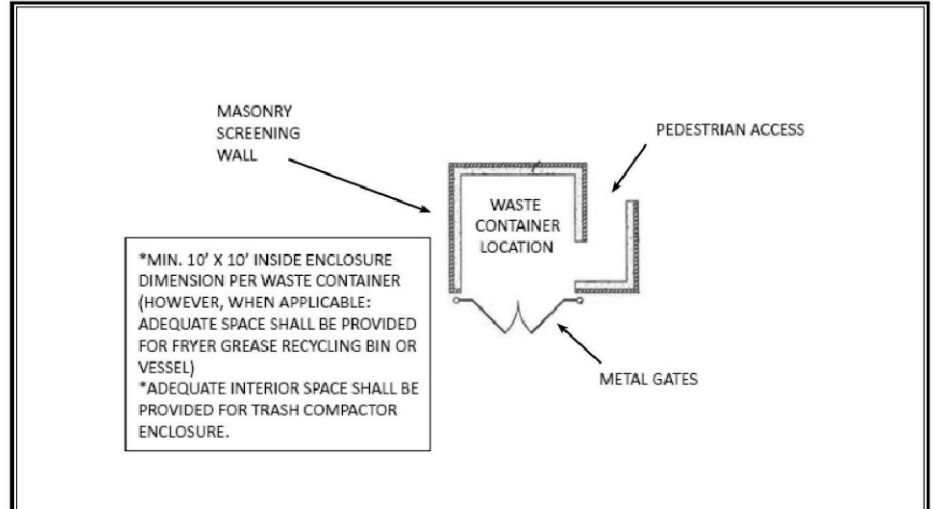
PROPOSED PARKING COUNT 4

SITE DATA SUMMARY TABLE

ITEM	VALUE
GENERAL SITE DATA:	R-RETAIL
ZONING	DAYCARE FACILITY
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LOT AREA	10,209 SF
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ACCESSIBLE PARKING PROVIDED	2

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 2. A VARIANCE FOR THE PLAY AREA TO ENCROACH WITHIN THE THIRTY-FOOT (30') LANDSCAPE BUFFER SHALL BE ALLOWED. THE REQUIRED BUFFER TREES WILL STILL BE INSTALLED.
 3. A VARIANCE TO WAIVE THE BUFFER TREE REQUIREMENT WITHIN THE SEVENTY-FIVE FOOT (75') WIDE GAS EASEMENT ALONG THE EAST SIDE OF THE PROPERTY SHALL BE ALLOWED.
 4. A VARIANCE TO WAIVE THE SCREENING WALL REQUIREMENT SHALL BE ALLOWED.

- SITE NOTES**
1. ALL DIMENSIONS ARE MEASURED FROM THE FACE OF CURB UNLESS OTHERWISE SHOWN.
 2. REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND LAYOUT.
 3. ALL HANDICAP RAMPS AND PARKING SPACES SHALL MEET STATE AND ADA STANDARDS. EACH HANDICAP PARKING SPACE SHALL HAVE REQUIRED IDENTIFICATION SIGNAGE.
 4. CONNECT BUILDING UTILITY PIPES TO THE CITY WATER AND WASTEWATER FOR SERVICES.
 5. GENERAL CONTRACTOR SHALL VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY CONSTRUCTION.
 6. ALL PARKING LAYOUT LINES SHALL BE 4" PAINTED WHITE STRIPES.
 7. ALL CONCRETE SHALL BE CLASS "A" STRUCTURAL CONCRETE (4000 PSI IN 28 DAYS), AND ALL REINFORCING SHALL BE GRADE 60 UNLESS OTHERWISE NOTED.
 8. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THE CONTRACT WHERE NOT SPECIFICALLY COVERED IN THE PROJECT SPECIFICATIONS SHALL CONFORM TO ALL APPLICABLE CITY ORDINANCES & CODES AND THE LOCAL STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (LATEST EDITION).
 9. CONTRACTOR MUST BE RESPONSIBLE TO CONSTRUCT THE PROPOSED IMPROVEMENTS AT PROPER LOCATIONS AS SHOWN IN THIS PLAN SET. IF ANY CONFLICT ARISES, THE CONTRACTOR MUST NOTIFY ENGINEER IMMEDIATELY.
 10. REFERENCE ARCHITECTURAL PLANS FOR MONUMENT DETAILS.



VCE

VATANI CONSULTING ENGINEERS, PLLC
DESIGN CONSULTANTS
TBPE # 4266

Phone: (713) 400-0005
Fax: (713) 400-2653
Email: info@vceatm.com

5700 NORTHWEST CENTRAL DR
HOUSTON, TEXAS 77092

CONTRACTOR IS RESPONSIBLE FOR ANY DISCREPANCY WITHIN THE PLANS & SPECIFICATIONS ON FIELD WITHIN 24 HOURS FOR ADJUSTMENT OR VERIFICATION.

STATE OF TEXAS
REGISTERED PROFESSIONAL ENGINEER
VATANI
69194
MAY 12 2022

THE LEARNING EXPERIENCE
151 RIDGE POINT PARKWAY
KELLER, TX

SITE PLAN

Scale: AS SHOWN

Designed by: sm
Drawn by: sm
Checked by: ev
Date: NOVEMBER 08, 2018
Project No. CS2001