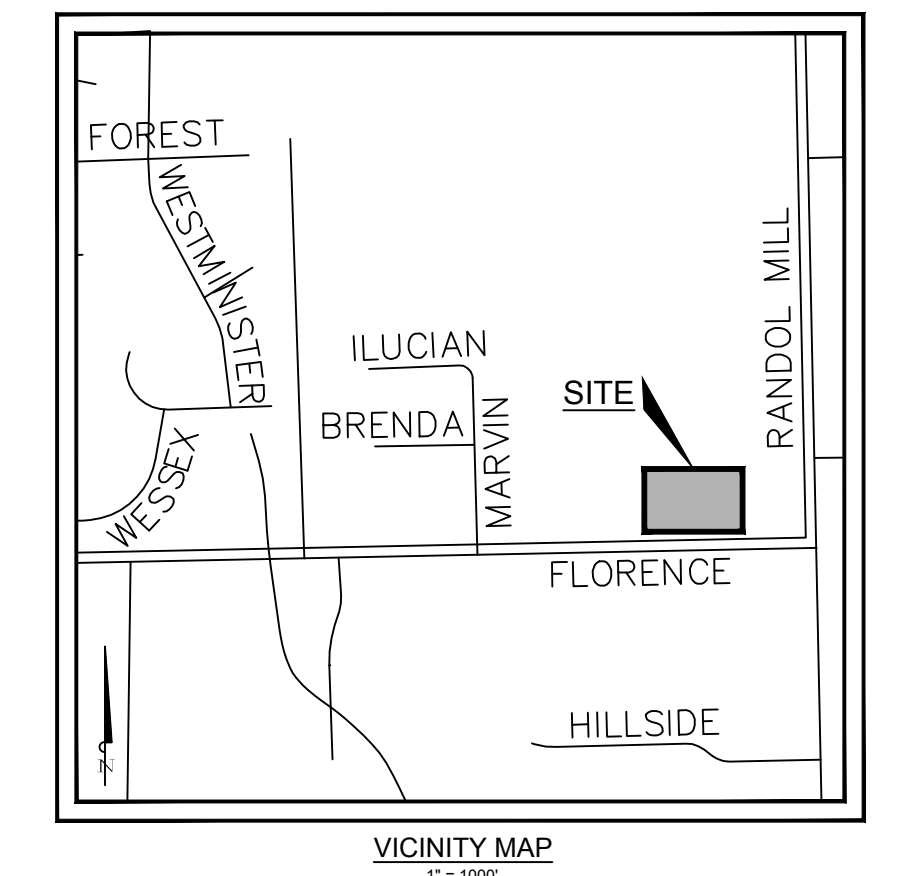


PRELIMINARY
 FOR REVIEW ONLY
 Not for construction purposes.
CLAYMOORE ENGINEERING
 ENGINEERING AND PLANNING CONSULTANTS
 Engineer: CLAY CRISTY
 P.E. No. 109800 Date: 4/22/2021

**THE HILLS CHURCH
 KELLER, TEXAS**

SITE PLAN



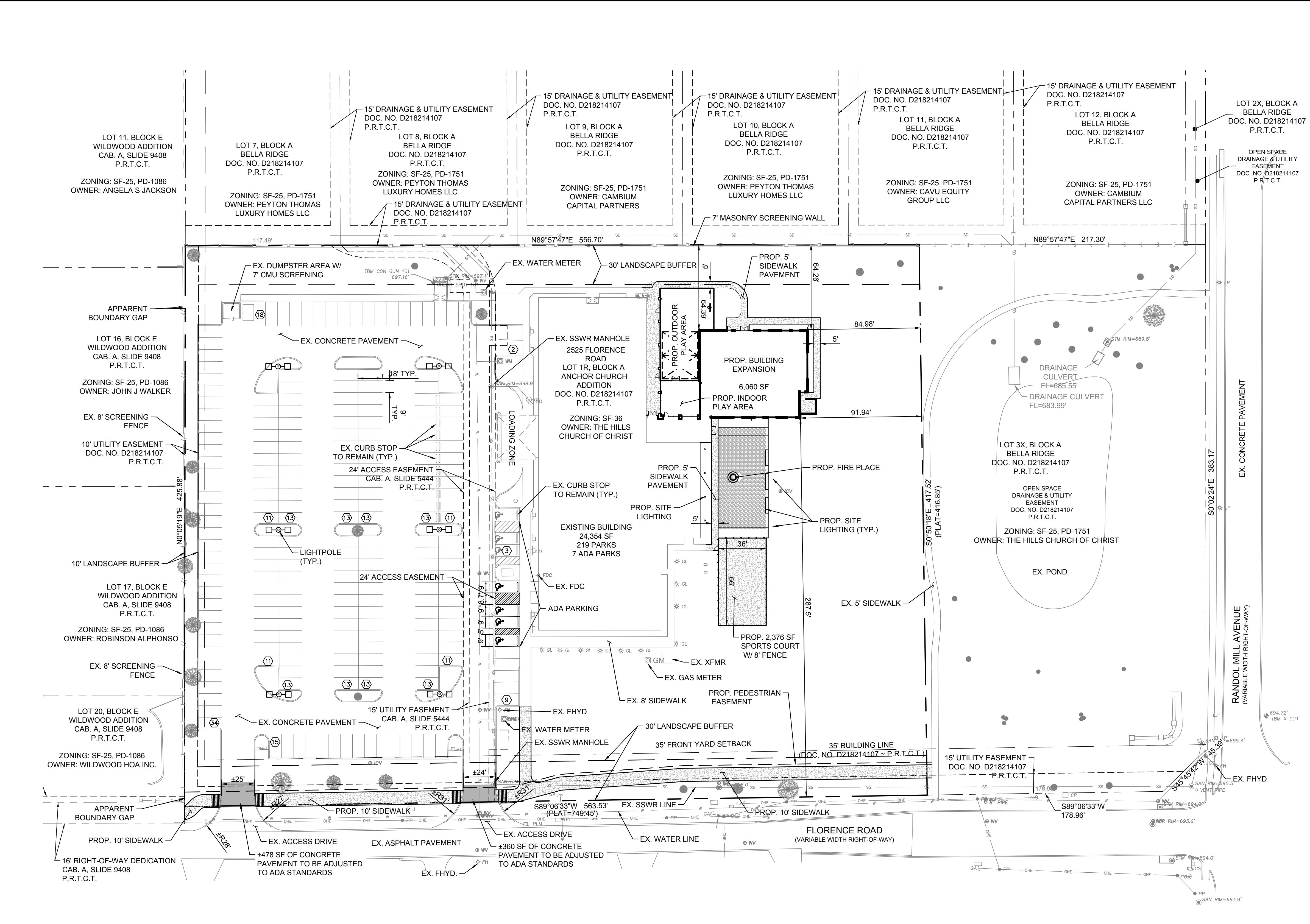
LEGEND

	SIDEWALK CONCRETE PAVEMENT
	PROP. ADJUSTED CONCRETE PAVEMENT
	PROPOSED CONCRETE CURB AND GUTTER
	PARKING COUNT

NO.	DATE	REVISION	BY
1	3/19/2021	FOR AMENDMENT	CLC

OWNER: THE HILLS CHURCH OF CHRIST 6300 NE LOOP 820 NORTH RICHLAND HILLS, TX 76180	
APPLICANT: CLAYMOORE ENGINEERING, INC. 1903 CENTRAL DRIVE, SUITE #406 BEDFORD, TX 76021 PH: 817.281.0572 CONTACT NAME: CLAY CRISTY	
SURVEYOR: WINDROSE SURVEYING 220 ELM STREET, SUITE 200 LEWISVILLE, TX 75057 PH: 214.217.2544 CONTACT NAME: MARK PEEPLES	
LEGAL DESCRIPTION: LOT 1R, BLOCK A ANCHOR CHURCH ADDITION	
ZONING: SP-36	TOTAL ACREAGE: 7.46 AC
CITY: KELLER	STATE: TEXAS
COUNTY: TARRANT	SURVEY: J. WALKER
ABSTRACT NO.: 1604	

- NOTES:**
- ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 - REFER TO ARCHITECTURAL PLANS FOR BUILDING DIMENSIONS AND EXACT DOOR LOCATIONS.
 - REFER TO ARCHITECTURAL PLANS FOR FENCE AND GATE DETAILS.
 - ALL EXISTING LIGHTING TO REMAIN



SITE DATA SUMMARY

LOT	ZONING	EX. / PROP. USE	LOT SIZE (ACRES)	LOT SIZE (SQ. FT.)	BLDG. AREA (SQ. FT.)			BLDG. HGT. (FT)	# OF STORIES	LOT COVERAGE			FLR AREA RATIO			PARKING			HANDICAP SP.	
					EXISTING	EXPANSION	TOTAL			REQ.	PROV.	REQ.	PROV.	RATIO REQ.	REQ.	PROV.	REQ.	PROV.		
1R	SF-36	CHURCH	5.42	236,187	24,354	6,060	30,414	35'-0" MAX.	1	50% MAX	10.3%	1:1.25 MAX	0.10	154 CHURCH (1 PER 3 SEATS)	223 (460 SEATS)	7	7			

TOTAL IMPERVIOUS (SQ FT)		TOTAL PERVIOUS (SQ FT)	
(SQ FT)	(%)	(SQ FT)	(%)
132,362	56%	103,825	44%

PLOTTED BY: CURTIS PETERS
 PLOT DATE: 4/22/2021 9:06 AM
 LOCATION: Z:\PROJECTS\2020-131 THE HILLS CHURCH- KELLER (CADD)\SHEETS\SITE PLAN\SP-1 SITE PLAN.DWG
 LAST SAVED: 4/21/2021 3:33 PM



**THE HILLS CHURCH
 KELLER, TEXAS**

NO.	DATE	REVISION	BY

**LANDSCAPE
 PLANTING**

DESIGN:	EMS
DRAWN:	EMS
CHECKED:	RM
DATE:	1/25/2021
SHEET	
LP-1	
File No. 2018-168	

PLANT SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME	CALIPER	CONTAINER	SIZE
	IN2	4	Ilex x 'Nellie R. Stevens' Nellie R. Stevens Holly	2" Cal.	Cont. or B&B	8'-10'
	IS	4	Ilex x attenuata 'Savannah' Savannah Holly	2" Cal.	Cont. or B&B	8'-10'
	LD	2	Lagerstroemia indica 'Dynamite' Dynamite Crape Myrtle	1.5" Cal.	Cont. or B&B	6'-8'
	PC	2	Pistacia chinensis Chinese Pistache	3" Cal.	B&B	10'-12' HT
	LOK	10	Quercus virginiana Live Oak	3" Cal.	Cont. or B&B	10'-12'
	QS	3	Quercus shumardii Shumard Red Oak	3" Cal.	Cont. or B&B	10'-12'
	UE	18	Ulmus parvifolia 'Emer II' 'Emer II' Allee Elm	3" Cal.	Cont. or B&B	10'-12'

SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME	CONTAINER	SPACING	SIZE
	GA	40	Abelia grandiflora Glossy Abelia	5 gal	Per Plan	24" MIN
	BC	82	Bouteloua curtipendula Side Oats Grama	1 gal.	Per Plan	Container Full
	IB	12	Ilex cornuta 'Burfordii Nana' Dwarf Burford Holly	5 gal	Per Plan	18" Min.
	NG	91	Nandina domestica 'Gulf Stream' Gulf Stream Heavenly Bamboo	3 gal	Per Plan	18" Min.
	RC	93	Rhapiolepis indica 'Clara' Indian Hawthorn	5 gal	Per Plan	18" Min.

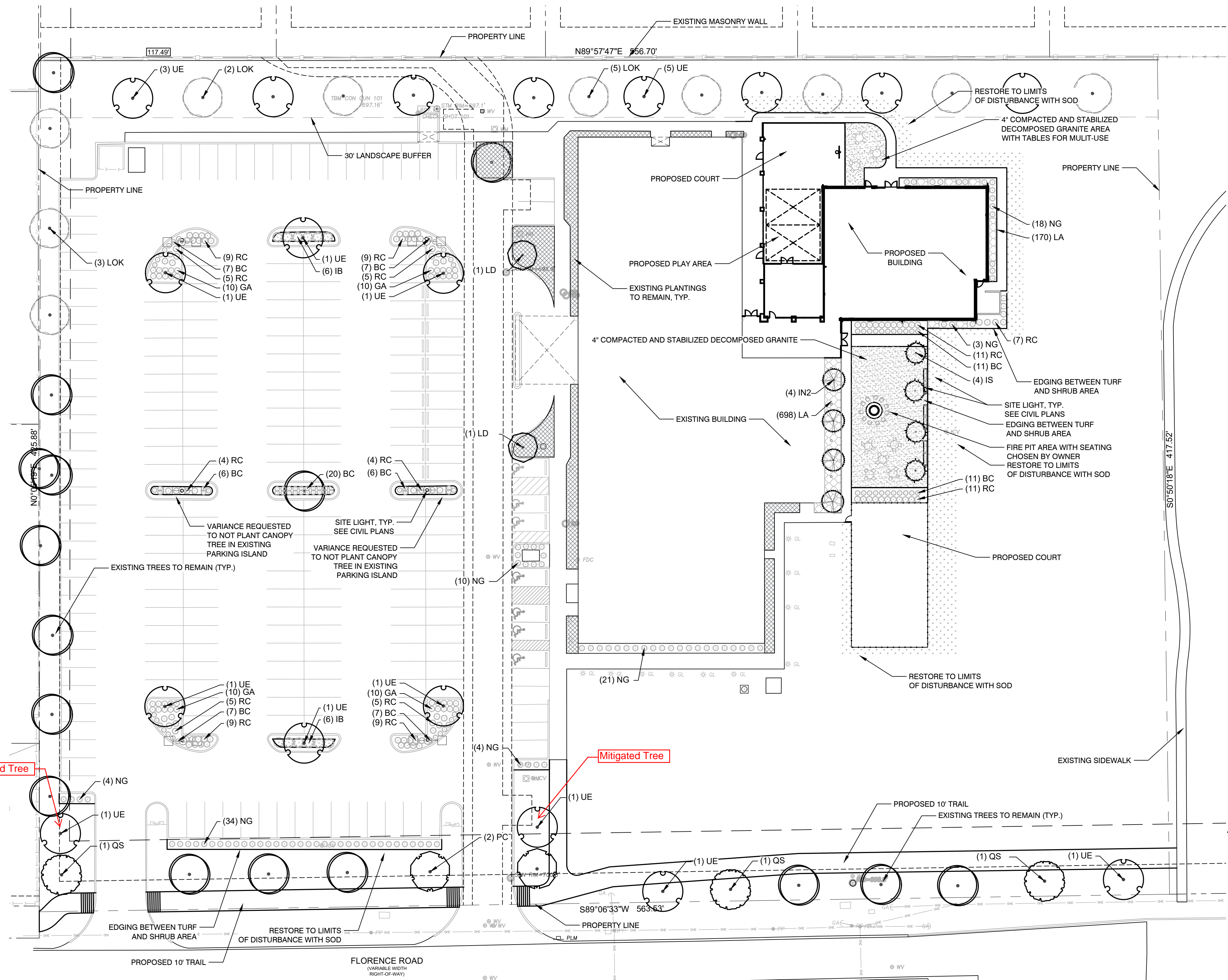
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING	SIZE
	LA	868	Liriope muscari 'Aztec' Aztec Grass	1 gal		12" O.C.

GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME	CONT	SPACING	SIZE
	CD	4,977 sf	Cynodon dactylon 'tif 419' Bermuda Grass	sod		

GENERAL GRADING AND PLANTING NOTES

- BY SUBMITTING A PROPOSAL FOR THE LANDSCAPE PLANTING SCOPE OF WORK, THE CONTRACTOR CONFIRMS THAT HE HAS READ, AND WILL COMPLY WITH, THE ASSOCIATED NOTES, SPECIFICATIONS, AND DETAILS WITH THIS PROJECT.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL EXISTING VEGETATION (EXCEPT WHERE NOTED TO REMAIN).
- IN THE CONTEXT OF THESE PLANS, NOTES, AND SPECIFICATIONS, "FINISH GRADE" REFERS TO THE FINAL ELEVATION OF THE SOIL SURFACE (NOT TOP OF MULCH) AS INDICATED ON THE GRADING PLANS.
 - BEFORE STARTING WORK, THE LANDSCAPE CONTRACTOR SHALL VERIFY THAT THE ROUGH GRADES OF ALL LANDSCAPE AREAS ARE WITHIN +1.0' OF FINISH GRADE. SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.
 - CONSTRUCT AND MAINTAIN FINISH GRADES 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 ON THE GRADING PLANS, AND AREAS OF POTENTIAL PONDING SHALL BE REGRADED TO BLEND IN WITH THE SURROUNDING GRADES AND ELIMINATE PONDING POTENTIAL.
 - THE LANDSCAPE CONTRACTOR SHALL DETERMINE WHETHER OR NOT THE EXPORT OF ANY SOIL WILL BE NEEDED, TAKING INTO ACCOUNT THE ROUGH GRADE PROVIDED, THE AMOUNT OF SOIL AMENDMENTS TO BE ADDED (BASED ON A SOIL TEST, PER SPECIFICATIONS), AND THE FINISH GRADES TO BE ESTABLISHED.
 - ENSURE THAT THE FINISH GRADE IN SHRUB AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 3" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
 - ENSURE THAT THE FINISH GRADE IN TURF AREAS IMMEDIATELY ADJACENT TO WALKS AND OTHER WALKING SURFACES, AFTER INSTALLING SOIL AMENDMENTS, IS 1" BELOW THE FINISH SURFACE OF THE WALKS. TAPER THE SOIL SURFACE TO MEET FINISH GRADE, AS SPECIFIED ON THE GRADING PLANS, AT APPROXIMATELY 18" AWAY FROM THE WALKS.
 - SHOULD ANY CONFLICTS AND/OR DISCREPANCIES ARISE BETWEEN THE GRADING PLANS, GEOTECHNICAL REPORT, THESE NOTES AND PLANS, AND ACTUAL CONDITIONS, THE CONTRACTOR SHALL IMMEDIATELY BRING SUCH ITEMS TO THE ATTENTION OF THE LANDSCAPE ARCHITECT, GENERAL CONTRACTOR, AND OWNER.
- ALL PLANT LOCATIONS ARE DIAGRAMMATIC. 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 GROUND COVER 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).
 - THE CONTRACTOR SHALL, AT A MINIMUM, PROVIDE REPRESENTATIVE PHOTOS OF ALL PLANTS PROPOSED FOR THE PROJECT. THE CONTRACTOR SHALL ALLOW THE LANDSCAPE ARCHITECT AND THE OWNER/OWNER'S REPRESENTATIVE TO INSPECT, AND APPROVE OR REJECT, ALL PLANTS DELIVERED TO THE JOBSITE. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBMITTALS.
- THE CONTRACTOR SHALL MAINTAIN THE LANDSCAPE IN A HEALTHY CONDITION FOR 90 DAYS AFTER ACCEPTANCE BY THE OWNER. REFER TO SPECIFICATIONS FOR CONDITIONS OF ACCEPTANCE FOR THE START OF THE MAINTENANCE PERIOD, AND FOR FINAL ACCEPTANCE AT THE END OF THE MAINTENANCE PERIOD.
- SEE SPECIFICATIONS AND DETAILS FOR FURTHER REQUIREMENTS.

Scale 1" = 30'



CONCEPT PLANT SCHEDULE

EXISTING TREE	16
SEE TD-1	

ROOT BARRIERS

THE CONTRACTOR SHALL INSTALL ROOT BARRIERS NEAR ALL NEWLY-PLANTED TREES THAT ARE LOCATED WITHIN FIVE (5) FEET OF PAVING OR CURBS. ROOT BARRIERS SHALL BE "CENTURY" OR "DEEP-ROOT" 24" DEEP PANELS (OR EQUAL). BARRIERS SHALL BE LOCATED IMMEDIATELY ADJACENT TO HARDSCAPE. INSTALL PANELS PER MANUFACTURER'S RECOMMENDATIONS. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR USE ROOT BARRIERS OF A TYPE THAT COMPLETELY ENCIRCLE THE ROOTBALL.

MULCHES

AFTER ALL PLANTING IS COMPLETE, CONTRACTOR SHALL INSTALL 3" THICK LAYER OF 1-1/2" SHREDDED WOOD MULCH, NATURAL (UNDYED), OVER LANDSCAPE FABRIC IN ALL PLANTING AREAS (EXCEPT FOR TURF AND SEEDING AREAS). CONTRACTOR SHALL SUBMIT SAMPLES OF ALL MULCHES TO LANDSCAPE ARCHITECT AND OWNER FOR APPROVAL PRIOR TO CONSTRUCTION. ABSOLUTELY NO EXPOSED GROUND SHALL BE LEFT SHOWING ANYWHERE ON THE PROJECT AFTER MULCH HAS BEEN INSTALLED (SUBJECT TO THE CONDITIONS AND REQUIREMENTS OF THE "GENERAL GRADING AND PLANTING NOTES" AND SPECIFICATIONS).

PLOTTED BY: E5430
 4/23/2021 11:45 AM
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 LOCATION: C:\USERS\E5430\ORPBOX (EDG)\EDG - SHARED\2021\THE HILLS CHURCH - KELLER TX\THE HILLS 2021-04-20_LP.DWG
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