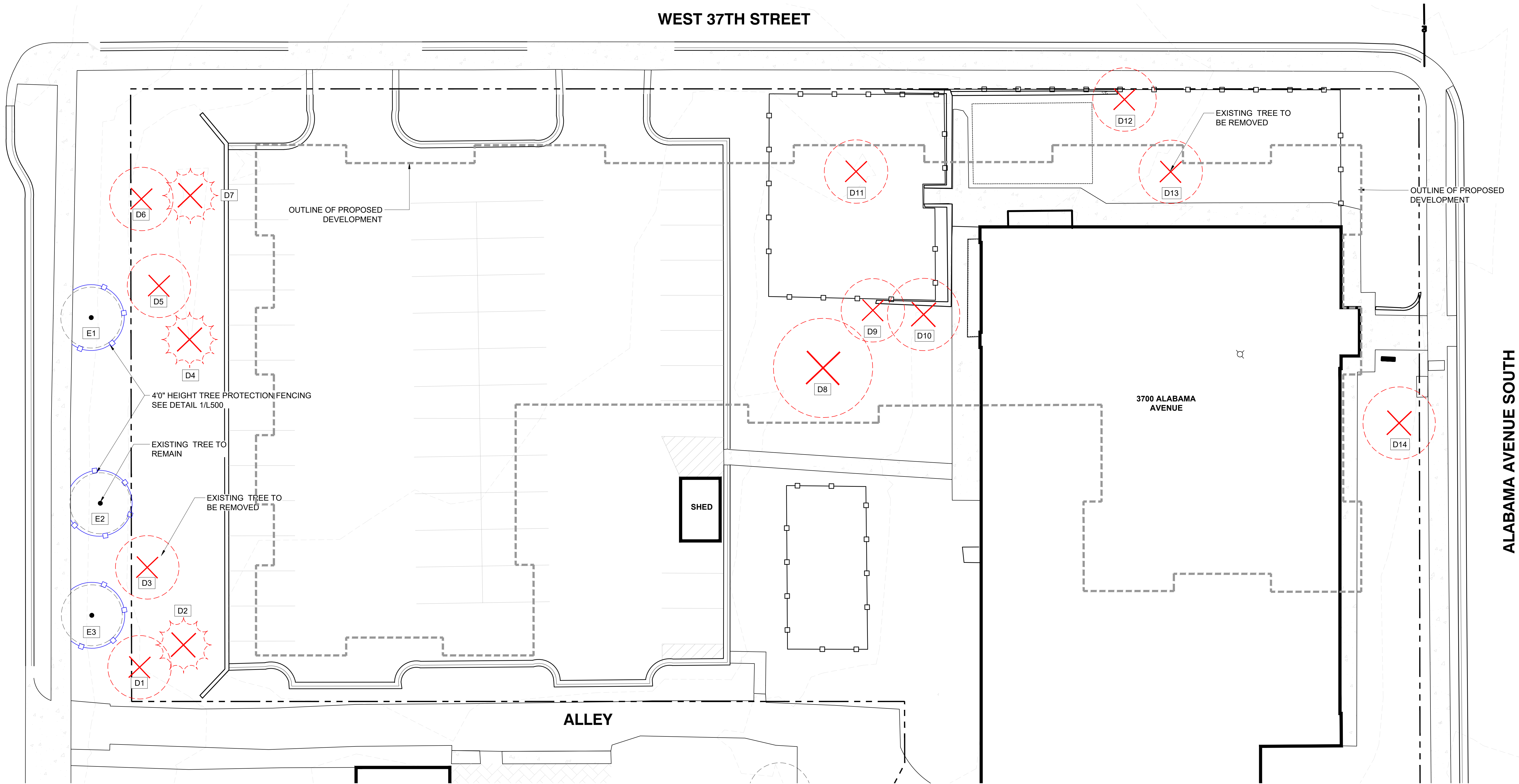


BRUNSWICK AVENUE SOUTH



TREE REPLACEMENT CALCULATIONS

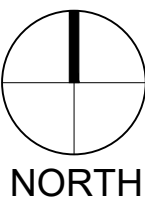
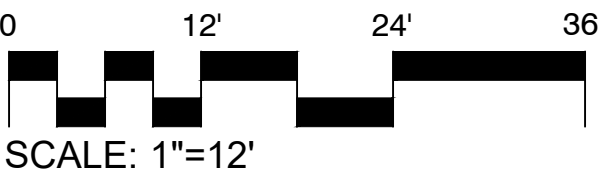
TOTAL DIAMETER INCHES OF EXISTING TREES:	81" TOTAL INCHES
TOTAL DIAMETER INCHES OF SIGNIFICANT TREES REMOVED:	37" TOTAL INCHES
TOTAL DIAMETER INCHES OF REPLACEMENT TREES:	15" TOTAL INCHES

TREE REMOVAL AND PROTECTION NOTES:

- ANY TREE, WITH THE EXCEPTION OF SALIX (WILLOW), BOXELDER, SIBERIAN ELM AND BLACK LOCUST IS CONSIDERED TO BE SIGNIFICANT UNDER THE LANDSCAPING SECTION OF THE ZONING ORDINANCE IF IT IS AT LEAST 5 CALIPER INCHES FOR DECIDUOUS TREES AND 6 CALIPER INCHES FOR CONIFERS. ASPEN, COTTONWOOD OR SILVER MAPLE IS CONSIDERED SIGNIFICANT IF IT IS AT LEAST 12 INCHES IN DIAMETER AT BREAST HEIGHT (DBH).
- TREES TO BE SAVED MUST BE PHYSICALLY PROTECTED FROM HARM OR DESTRUCTION BY THE FOLLOWING SPECIFICATIONS:
 - BEFORE ANY CONSTRUCTION OR GRADING ACTIVITY OCCURS, AN ORANGE SAFETY FENCE THAT IS 4 FEET HIGH MUST BE PLACED AROUND THE DRIP LINE BORDER OF TREES TO BE SAVED.
 - NOTHING MAY BE STORED WITHIN THE DRIP LINE.
 - CHANGES IN SOIL CHEMISTRY MUST BE PREVENTED.
 - DRAINAGE PATTERNS MAY NOT CHANGE THE SOIL MOISTURE CONTENT OF TREES TO BE SAVED.
 - PRUNING OF OAK AND ELM TREES MUST NOT TAKE PLACE FROM MAY 1 THROUGH JULY 31.
- REFER TO 1/L500 FOR TREE PROTECTION DETAIL.
- SEE L140 - OVERALL LANDSCAPE PLAN FOR FINAL TREE COUNT, SPECIES SELECTION AND PLACEMENT THROUGHOUT THE SITE.

EXISTING TREE SCHEDULE

ID	COMMON NAME	SIZE	SIGNIFICANCE STATUS	REMOVAL
D1	ELM	3	NONE	REMOVE
D2	SPRUCE	2	NONE	REMOVE
D3	V.I.F	2	NONE	REMOVE
D4	SPRUCE	2	NONE	REMOVE
D5	ELM	3	NONE	REMOVE
D6	ELM	3	NONE	REMOVE
D7	PINE	3	NONE	REMOVE
D8	MAPLE	14	SIGNIFICANT	REMOVE
D9	BIRCH	7	SIGNIFICANT	REMOVE
D10	BIRCH	8	SIGNIFICANT	REMOVE
D11	V.I.F	5	NONE	REMOVE
D12	V.I.F	4	NONE	REMOVE
D13	V.I.F.	8	SIGNIFICANT	REMOVE
D14	MAPLE	8	NONE	REMOVE
E1	CRABAPPLE	3	NONE	RETAIN / PROTECT
E2	BIRCH	3	NONE	RETAIN / PROTECT
E3	CRABAPPLE	3	NONE	RETAIN / PROTECT
		81	TOTAL DIAMETER INCHES EXISTING TREES	
		37	TOTAL DIAMETER INCHES SIGNIFICANT TREE REMOVAL	



PPL Union Congregational Housing

Project Address

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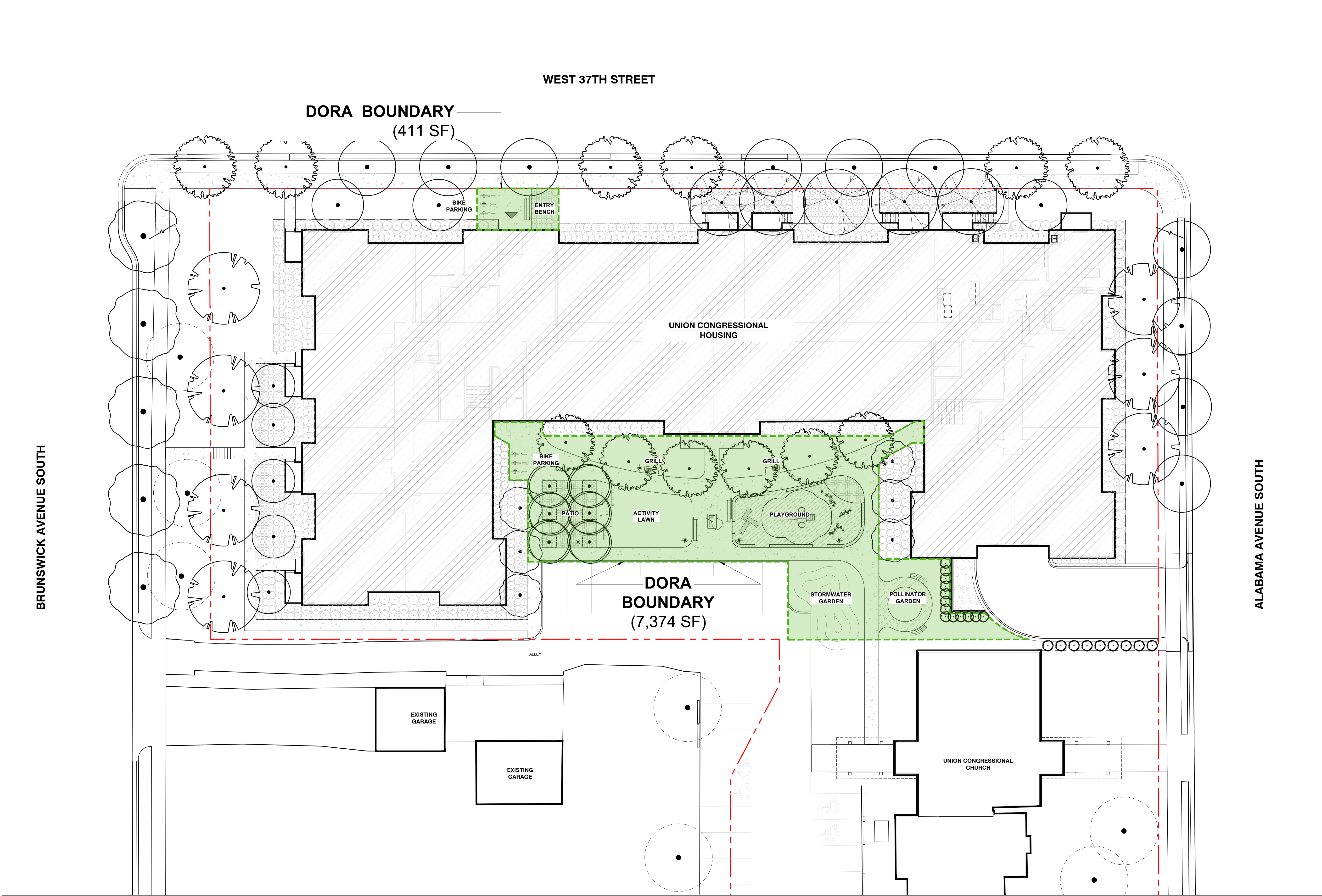
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04.24.2020

REVISIONS

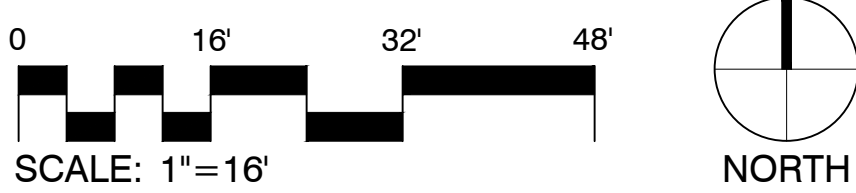
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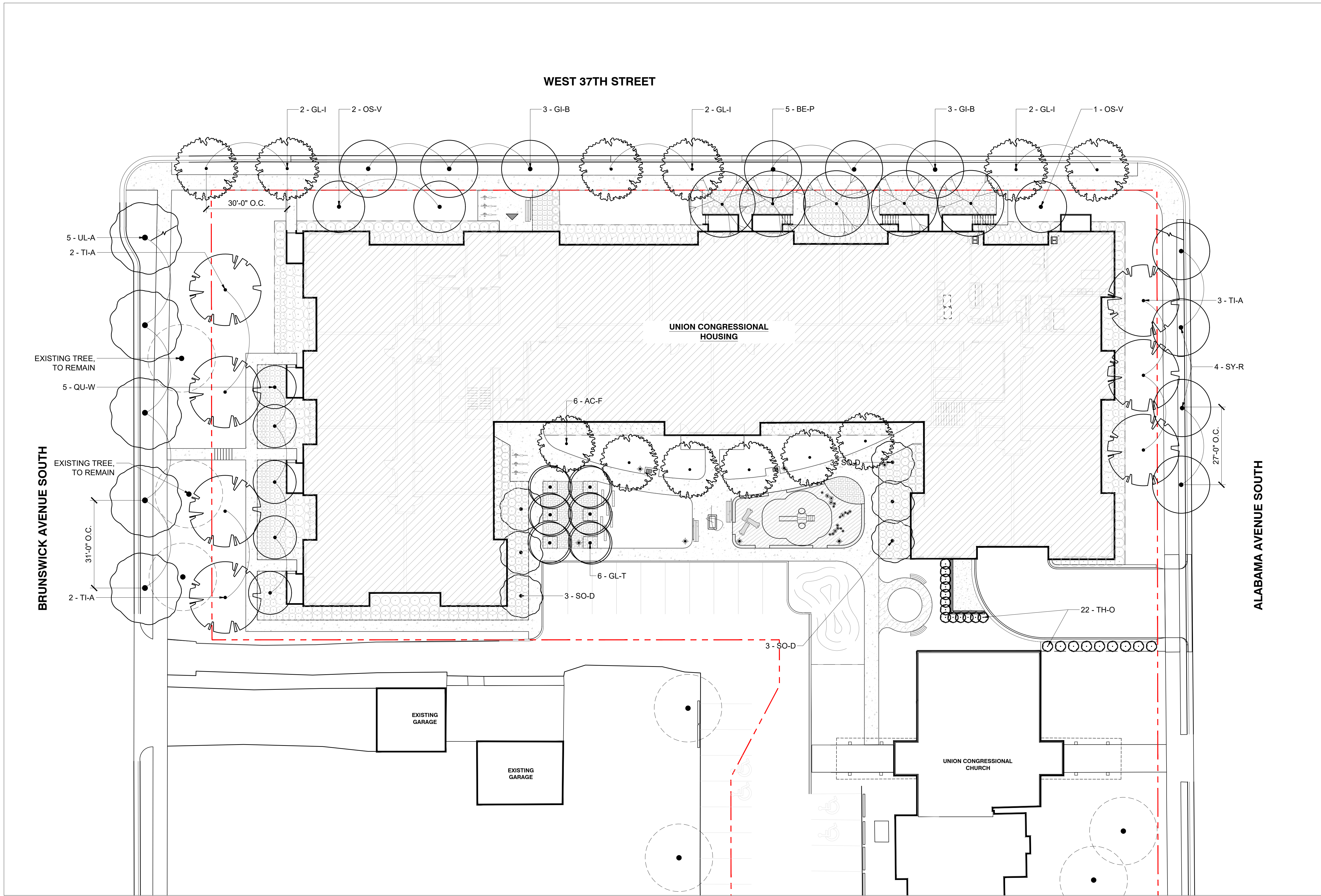
**TREE
PRESERVATION
PLAN**

L012



DORA INFORMATION	
TOTAL PROJECT AREA:	51,810 SF
MINIMUM DORA AREA:	6,217 SF (12%)
DORA AREA - MAIN ENTRY:	411 SF
DORA AREA - COURTYARD:	7,374 SF
TOTAL DORA AREA: 7,785 SF (15%)	



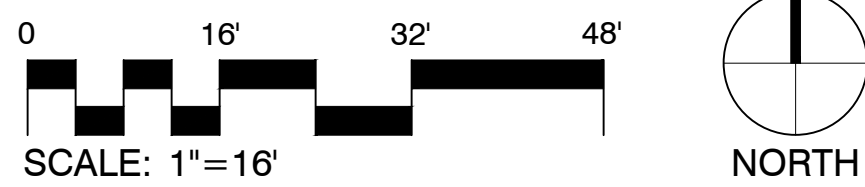


TREE REPLACEMENT REQUIREMENTS

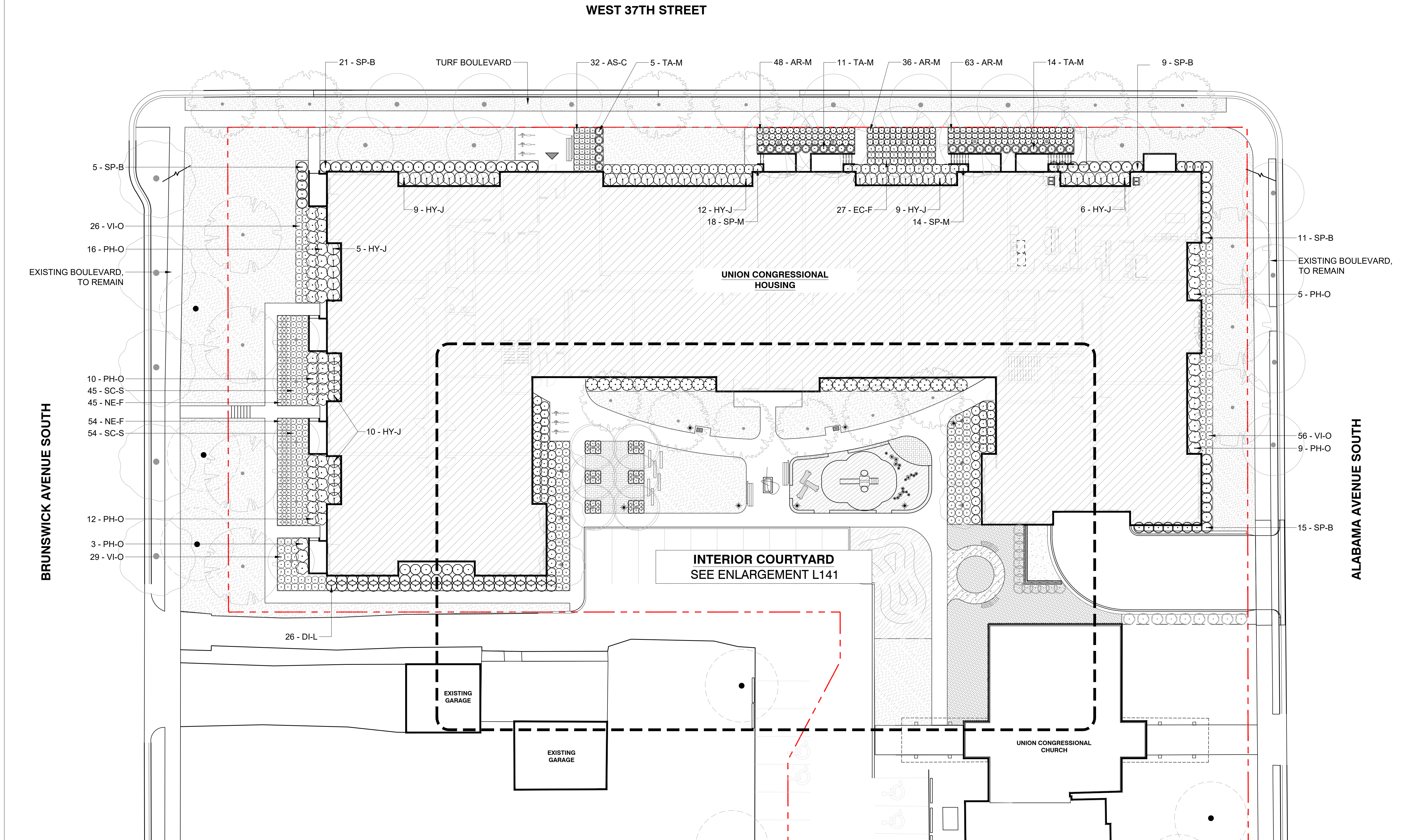
ONE TREE PER DWELLING UNIT: 68 TREES
(68 UNITS):
SIGNIFICANT TREE REPLACEMENT: 6 TREES
(15 CALIPER INCHES)
TOTAL REPLACEMENT TREES: 74 REQUIRED TREES
OVERALL TREE COUNT
OVERSTORY TREES: 46 TREES
UNDERSTORY TREES: 9 TREES
ORNAMENTAL TREES: 4 TREES
CONIFEROUS TREES: 22 TREES
TOTAL TREE COUNT: 81 TREES PROVIDED

TREE SCHEDULE

TREES	CODE	QTY	BOTANICAL / COMMON NAME
	AC-F	6	ACER X FREEMANII 'JEFFSRED' / AUTUMN BLAZE MAPLE
	BE-P	5	BETULA POPULIFOLIA 'WHITESPIRE' / WHITESPIRE BIRCH
	GI-B	6	GINKGO BILOBA 'PRINCETON SENTRY' / PRINCETON SENTRY GINKGO
	GL-I	6	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE' TM / SKYLINE THORNLESS HONEY LOCUST
	GL-T	6	GLEDITSIA TRIACANTHOS VAR. INERMIS 'DRAVES' / STREET KEEPER HONEY LOCUST
	OS-V	3	OSTRYA VIRGINIANA / IRONWOOD
	QU-W	5	QUERCUS X WAREI 'LONG' TM / REGAL PRINCE OAK
	SO-D	6	SORBUS DECORA / SHOWY MOUNTAIN ASH
	SY-R	4	SYRINGA RETICULATA 'IVORY SILK' / IVORY SILK JAPANESE TREE LILAC
	TI-A	7	TILIA AMERICANA 'REDMOND' / REDMOND AMERICAN LINDEN
	UL-A	5	ULMUS AMERICANA 'PRINCETON' / AMERICAN ELM
EVERGREEN TREES	CODE	QTY	BOTANICAL / COMMON NAME
	TH-O	22	THUJA OCCIDENTALIS 'BAILJOHN' TM / TECHNITO ARBORVITAE



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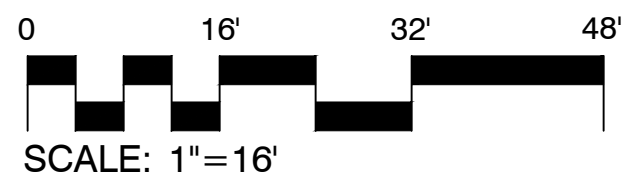


SHRUB / PERENNIAL SCHEDULE

SHRUBS	CODE	BOTANICAL / COMMON NAME
	AR-M	ARONIA MELANOCARPA 'UCONNAM165' / LOW SCAPE MOUND CHOKEBERRY
	DI-L	DIERVILLA LONICERA / DWARF BUSH HONEYSUCKLE
	EC-F	EUONYMUS FORTUNEI 'CANADALE GOLD' / CANADALE GOLD EUONYMUS
	HY-J	HYDRANGEA PANICULATA 'JANE' / LITTLE LIME HYDRANGEA
	PH-O	PHYSOCARPUS OPULIFOLIUS 'DONNA MAY' / DONNA MAY NINEBARK
	SO-S	SORBARIA SORBIFOLIA 'SEM' / SEM ASH LEAF SPIREA
	SP-B	SPIRAEA BETULIFOLIA 'COURISPI01' TM / PINK SPARKLER BIRCHLEAF SPIRAEA
	SP-M	SPIRAEA MEDIA 'SMSMBK' TM / BLUE KAZOO DOUBLE PLAY SPIREA
	SY-P	SYRINGA X 'PINK PERFUME' TM / BLOOMERANG PINK PERFUME LILAC
	VI-O	VIBURNUM OPULUS 'NANUM' / DWARF EUROPEAN VIBURNUM
EVERGREEN SHRUBS	CODE	BOTANICAL / COMMON NAME
	TA-M	TAXUS X MEDIA 'TAUNTONII' / TAUTON YEW
GRASSES	CODE	BOTANICAL / COMMON NAME
	SC-S	SCHIZACHYRIUM SCOPARIUM 'BLUE HEAVEN' / BLUE HEAVEN LITTLE BLUESTEM
	SP-H	SPOROBOLUS HETEROLEPIS / PRAIRIE DROPSEED
PERENNIALS	CODE	BOTANICAL / COMMON NAME
	AS-C	ASTILBE CHINENSIS 'MAGGIE DALEY' / MAGGIE DALEY ASTILBE
	NE-F	NEPETA X FAASSENII 'WALKERS LOW' / WALKERS LOW CATMINT
	PE-A	PEROVSKIA ATRIPLICIFOLIA 'BLUE JEAN BABY' / BLUE JEAN BABY RUSSIAN SAGE

GROUND COVER SCHEDULE

SHRUB AREAS	CODE	BOTANICAL / COMMON NAME
		RAINGARDEN MIX
		ALLIUM STELLATUM / PRAIRIE ONION
		IRIS VERSICOLOR / BLUE FLAG
		LIATRIS SPICATA 'KOBOLD' / SPIKE GAYFEATHER
		PANICUM VIRGATUM / SWITCH GRASS
		RUDBECKIA HIRTA / BLACK-EYED SUSAN
		POLLINATOR MIX
		ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED
		KOELERIA CRISTATA / JUNE GRASS
		LIATRIS SPICATA 'FLORISTAN VIOLET' / TALL VIOLET GAYFEATHER
		RUDBECKIA HIRTA / BLACK-EYED SUSAN
		SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM GRASS
GROUND COVERS	CODE	BOTANICAL / COMMON NAME
	SOD	SOD



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REVISIONS

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OVERALL SHRUB
& PERENNIAL
PLAN

L141

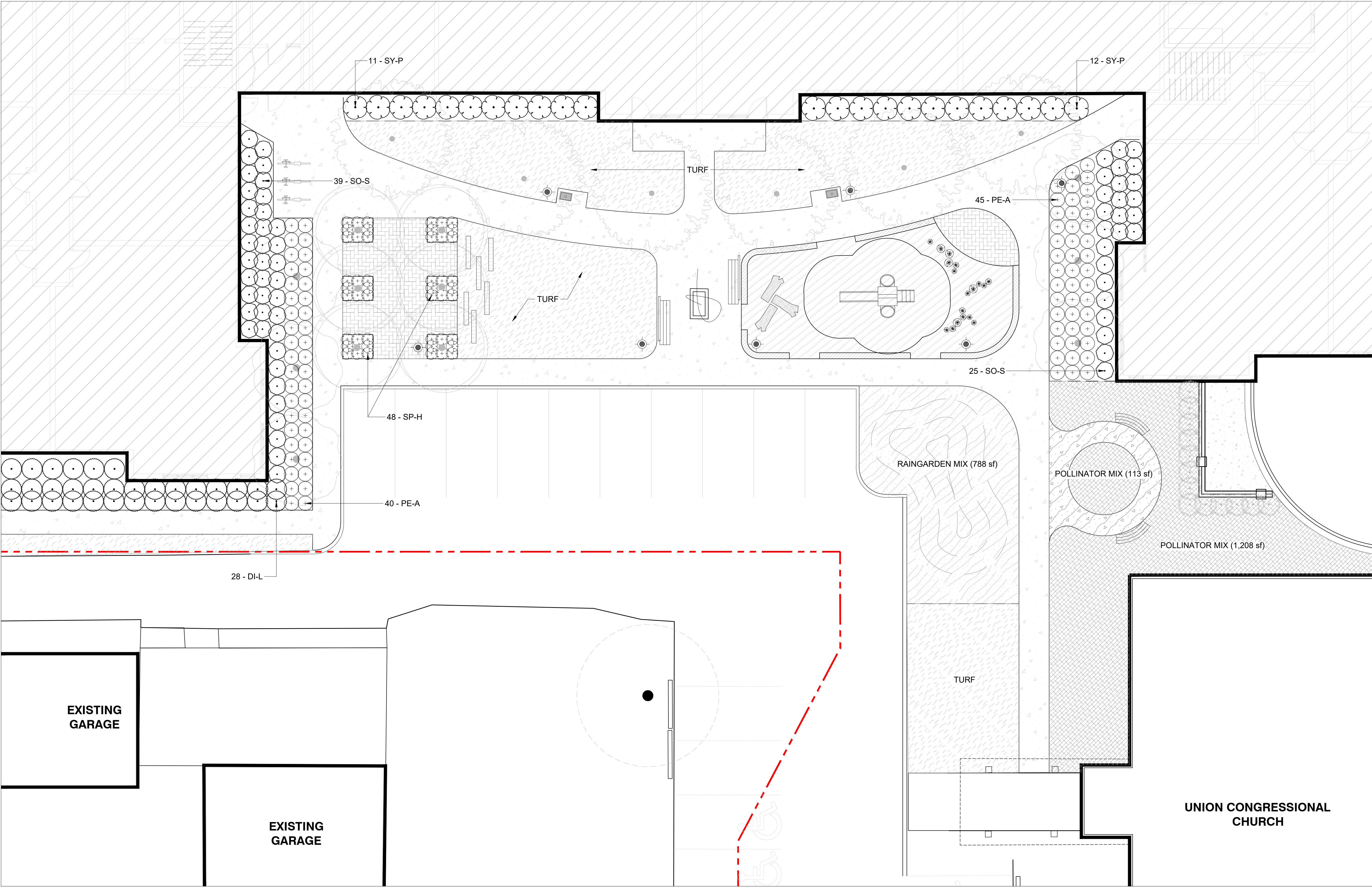


PPL Union Congregational Housing

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SHRUB / PERENNIAL SCHEDULE - COURTYARD			
SHRUBS	CODE	QTY	BOTANICAL / COMMON NAME
	DI-L	28	DIERVILLA LONICERA / DWARF BUSH HONEYSUCKLE
	SO-S	64	SORBARIA SORBIFOLIA 'SEM' / SEM ASH LEAF SPIREA
	SY-P	23	SYRINGA X 'PINK PERFUME' TM / BLOOMERANG PINK PERFUME LILAC
GRASSES	CODE	QTY	BOTANICAL / COMMON NAME
	SP-H	48	SPOROBOLUS HETEROLEPIS / PRAIRIE DROPSEED
PERENNIALS	CODE	QTY	BOTANICAL / COMMON NAME
	PE-A	85	PEROVSKIA ATRIPLICIFOLIA 'BLUE JEAN BABY' / BLUE JEAN BABY RUSSIAN SAGE

GROUNDCOVER SCHEDULE - COURTYARD			
SHRUB AREAS	CODE	QTY	BOTANICAL / COMMON NAME
		788 SF	RAINGARDEN MIX
		21	ALLIUM STELLATUM / PRAIRIE ONION
		31	IRIS VERSICOLOR / BLUE FLAG
		31	LIATRIS SPICATA 'KOBOLD' / SPIKE GAYFEATHER
		82	PANICUM VIRGATUM / SWITCH GRASS
		41	RUDBECKIA HIRTA / BLACK-EYED SUSAN
		1,321 SF	POLLINATOR MIX
		92	ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED
		153	KOELERIA CRISTATA / JUNE GRASS
		92	LIATRIS SPICATA 'FLORISTAN VIOLET' / TALL VIOLET GAYFEATHER
		123	RUDBECKIA HIRTA / BLACK-EYED SUSAN
		153	SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM GRASS
GROUND COVERS	CODE	QTY	BOTANICAL / COMMON NAME
	SOD	2,284 SF	SOD

