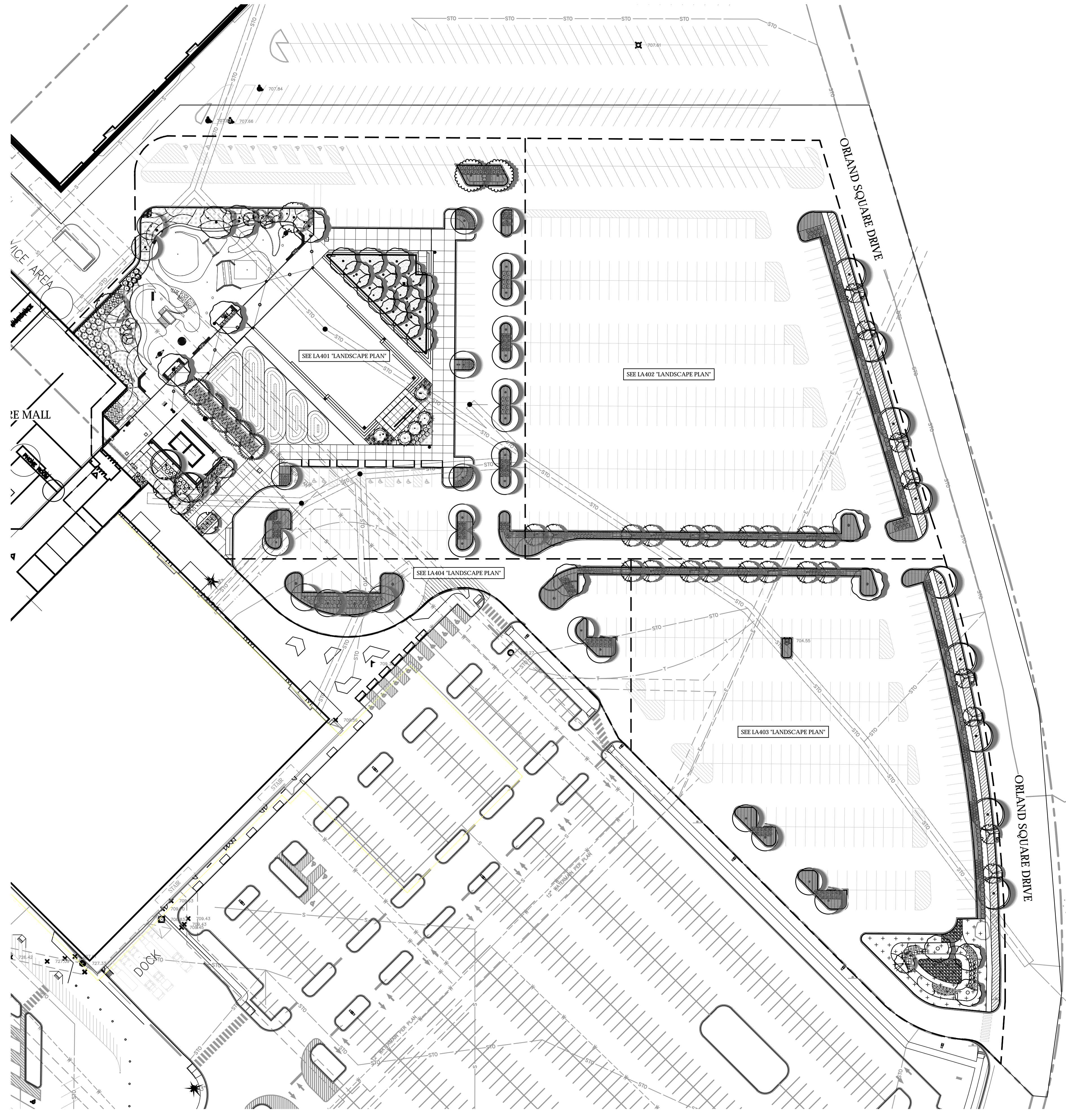


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**PLANTING PLAN
GENERAL NOTES**

1. NOTIFY OWNER/ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN SPECIFICATIONS AND DRAWINGS, PRIOR TO THE BID DATE, AND/OR PRIOR TO CONSTRUCTION.
2. LANDSCAPE ARCHITECT AND OWNER TO INSPECT ALL PLANT LOCATIONS AND PLANT BED EDGES PRIOR TO INSTALLATION. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST PLANT LOCATIONS ON-SITE. ON-SITE ADJUSTMENTS WILL BE REQUIRED.
3. PLANT COUNTS INDICATED ON DRAWING ARE FOR LANDSCAPE ARCHITECT'S USE ONLY. CONTRACTOR SHALL MAKE OWN PLANT QUANTITY TAKE OFFS USING DRAWINGS, SPECIFICATIONS, AND PLANTING SCHEDULE REQUIREMENTS (I.E. SPACING), UNLESS OTHERWISE DIRECTED BY LANDSCAPE ARCHITECT. CONTRACTOR TO VERIFY BED MEASUREMENTS AND INSTALL APPROPRIATE QUANTITIES AS GOVERNED BY PLANT SPACING PER SCHEDULE. CONTRACTOR SHALL ACCOUNT FOR ALL SLOPES IN MATERIAL QUANTITY CALCULATIONS.
4. IN CASE OF DISCREPANCIES BETWEEN THE PLANS AND PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTION, CONTACT THE LANDSCAPE ARCHITECT.
5. DO NOT MAKE SUBSTITUTIONS. IF SPECIFIED LANDSCAPE MATERIAL IS NOT AVAILABLE, SUBMIT PROOF OF NON-AVAILABILITY TO LANDSCAPE ARCHITECT TOGETHER WITH PROPOSAL FOR USE OF EQUIVALENT MATERIAL. LANDSCAPE ARCHITECT RESERVES THE RIGHT TO DETERMINE MATERIAL EQUIVALENCY.
6. THE CONTRACTOR SHALL INSTALL PLANTING SOIL IN ALL PROPOSED PLANT BED AREAS AND ALL DISTURBED AREAS.
7. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND QUANTIFYING THE EXISTENCE OF SUITABLE TOPSOIL. SEE SPECIFICATIONS FOR TOPSOIL TESTING, AMENDING, AND SHIPPING AND STOCKING REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING THE OWNER / ARCHITECT WITH A TOPSOIL TEST ANALYSIS. IF SUITABLE TOPSOIL IS NOT PRESENT ON-SITE, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TOPSOIL ACCORDING TO THE PLANS, DETAILS, AND SPECIFICATIONS. TOPSOIL SHALL BE AMENDED TO BECOME PLANTING SOIL AND BE TRANSPORTED INTO SUBGRADE ACCORDING TO LANDSCAPE DETAILS AND SPECIFICATIONS.
8. THE EARTHWORK CONTRACTOR AND LANDSCAPE CONTRACTOR SHALL COORDINATE THE PLACEMENT OF PLANTING SOIL, PRIOR TO THE OWNER / LANDSCAPE ARCHITECT VERIFYING THE EXISTENCE OF SUITABLE TOPSOIL AND FINISH GRADE. THE OWNER / LANDSCAPE CONTRACTOR SHALL VERIFY DEPTH OF PLANTING SOIL PRIOR TO PLANT INSTALLATION.
9. PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES AND EXISTING EXTERIOR PLANTS FROM DAMAGE CAUSED BY PLANTING OPERATIONS. RECONSTRUCTION AND SOIL ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES THAT ARE NOT TO RECEIVE OTHER SURFACE TREATMENT (PRESERVED, RENOVATED AREAS, MULCH, GROUND COVER, ETC).
10. PLANTS AND ALL OTHER MATERIALS TO BE STORED ON-SITE WILL BE PLACED WHERE THEY WILL NOT CONFLICT WITH CONSTRUCTION OPERATIONS AND AS DIRECTED BY THE OWNER.
11. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IN WRITING PRIOR TO BID DATE OF ANY PLANTS THAT HE SHE FEELS MAY NOT SURVIVE TRANSPLANTING OPERATIONS OR IN LOCATIONS NOTED.
12. ALL PLANT BEDS TO RECEIVE 6" OF PLANTING SOIL. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
13. PLANT BEDS TO RECEIVE 2" MIN. OF SHREDDED HARDWOOD MULCH (UNLESS OTHERWISE NOTED) - SEE SPECS. THE USE OF COMPOST MULCH IN PERSONAL, ORNAMENTAL GRASS, AND GROUND COVER BEDS IS ACCEPTABLE UPON WRITTEN APPROVAL BY OWNER/ARCHITECT.
14. PROVIDE A SHADE EDGE ADJACENT ALL PLANTED AREAS NOT PROTECTED BY CONCRETE OR OTHER EDGING. REFER TO LANDSCAPE DETAILS.
15. ALL TREE PITS TO BE DIG IN ADVANCE OF PLANTING AND EACH TREE PIT TO BE TESTED FOR ADEQUATE DRAINAGE. SEE SPECIFICATIONS FOR INSTRUCTIONS ON HOW TO ADMINISTER THE TEST FOR RATE OF PERCOLATION. PROVIDE DRY WELL IF DETERMINED NECESSARY BY LANDSCAPE ARCHITECT. SEE SPECS.
16. USE SOIL EXCAVATED FROM TREE PLANTING HOLE AS BACKFILL FOR TREE PLANTINGS WHEN POSSIBLE.
17. AN APPROVED PRE-EMERGENT HERBICIDE SHALL BE APPLIED IN ALL PLANTING AND GROUND COVER BEDS AT RATES SPECIFIED BY THE MANUFACTURER FOR EACH VARIETY OF PLANT.
18. SEE PLANTING SCHEDULE & LANDSCAPE DETAILS FOR FURTHER REQUIREMENTS.
19. REFER TO EROSION CONTROL PLANS, DETAILS, AND SPECS FOR ADDITIONAL REQUIREMENTS.
20. SEE ALTERNATE PLAN (0202) AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
21. REFER TO CIVIL AND DRAINAGE PLANS FOR ALL UNDERGROUND PIPE LOCATIONS.

ANY CHANGES OR ALTERATIONS TO THE LANDSCAPE DESIGN SHOWN HEREIN MUST BE SUBMITTED TO THE VILLAGE OF ORLAND PARK DEVELOPMENT SERVICE DEPARTMENT FOR REVIEW AND APPROVAL. THE DEVELOPMENT SERVICE DEPARTMENT SHALL BE NOTIFIED IN WRITING IF A PLANT SUBSTITUTION IS REQUIRED DUE TO LACK OF AVAILABILITY DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER UPON SUBSTANTIAL COMPLETION. THE OWNER SHALL CONTACT THE DEVELOPMENT SERVICES DEPARTMENT FOR A FINAL LANDSCAPE INSPECTION UPON COMPLETION OF THE LANDSCAPE INSTALLATION.

**PLANTING PLAN
LANDSCAPE ZONE LEGEND**

- LANDSCAPE PARKWAY AREA
SEE LANDSCAPE PLAN AND SCHEDULE FOR ADDITIONAL REQUIREMENTS
- STORMWATER MANAGEMENT AREA
SEE LANDSCAPE PLAN AND SCHEDULE FOR ADDITIONAL REQUIREMENTS
- PARKING LOT LANDSCAPE AREA
SEE LANDSCAPE PLAN AND SCHEDULE FOR ADDITIONAL REQUIREMENTS
- INTERIOR LANDSCAPE AREA
SEE LANDSCAPE PLAN AND SCHEDULE FOR ADDITIONAL REQUIREMENTS

LANDSCAPE DATA BOX [Section 6-305.E.2.g]

LANDSCAPE ZONE	REQUIRED	PROVIDED	UNIT	% PROVIDED
Project Area		409,179	SQ FT	100%
Total Developed Area		366,071	SQ FT	89%
Total Landscape Area		43,108	SQ FT	11%
Total Parking Stalls		801	EA	
Non-impacted Parking		55	EA	
North Parking Area		435	EA	
South Parking Area		257	EA	
West Parking Area		54	EA	
Parking Lot Landscape Islands	12,085	6,979	SQ FT	58%
North Parking Area	7,047	2,096	SQ FT	30%
South Parking Area	4,163	1,884	SQ FT	45%
West Parking Area	875	2,998	SQ FT	343%

LANDSCAPE REQUIREMENTS [Section 6-305]

LANDSCAPE ZONE	TOTAL AREA	SHADE TREE		UNDERSTORY OR ORNAMENTAL TREE		SHRUB	
		Req'd	Provided	Req'd	Provided	Req'd	Provided
Landscape Parkway	4,998 SQ FT 726 LFT	7.3	9	7.3	8	0	0
Foundation & Interior Landscape Building Frontage	12,943 SQ FT 190 LFT	1.3	40	1.9	7	30.4	150
Parking Lot Landscape Parking Lot Islands Only	25,168 SQ FT 6,979 SQ FT	43.0	29	N/A	N/A	75% Coverage	100% Coverage
Stormwater Mgmt. Landscape	6,314 SQ FT 225 LFT	2.3	3	1.1	1	13.5	20

**RUNDELL
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ASSOCIATES**

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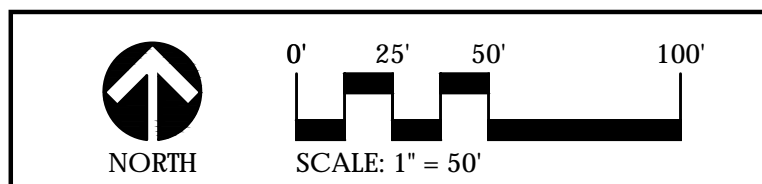
611 W Main Street, Suite 201, Louisville, KY 40202
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PREPARED FOR:

SUBCONSULTANT:

**ORLAND SQUARE MALL
PROPOSED MULTIPURPOSE
ACTIVITY SPACE**

288 Orland Square Drive, Orland Park, IL 60462



REVISIONS:

NO.	BY	DESCRIPTION	DATE

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**OVERALL SITE
PLANTING PLAN**

CREDENTIALS:

REA Project #: 171501
Date: 02/21/2019
Drawn by: KK
Reviewed by: DL

DATE: 02/21/2019
EXPIRES: 08/31/2019

LA400

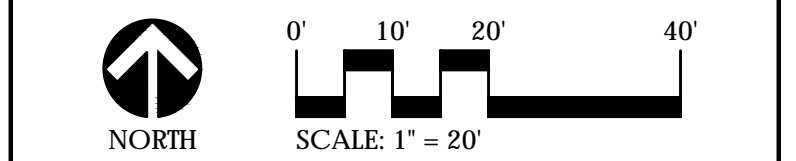
1 OVERALL SITE LANDSCAPE PLAN
SCALE: 1" = 50'

PREPARED FOR:

SUBCONSULTANT:

**ORLAND SQUARE MALL
 PROPOSED MULTIPURPOSE
 ACTIVITY SPACE**

288 Orland Square Drive, Orland Park, IL 60462



REVISIONS:

NO.	BY	DESCRIPTION	DATE
1	REA	ADDENDUM #1	03-08-19

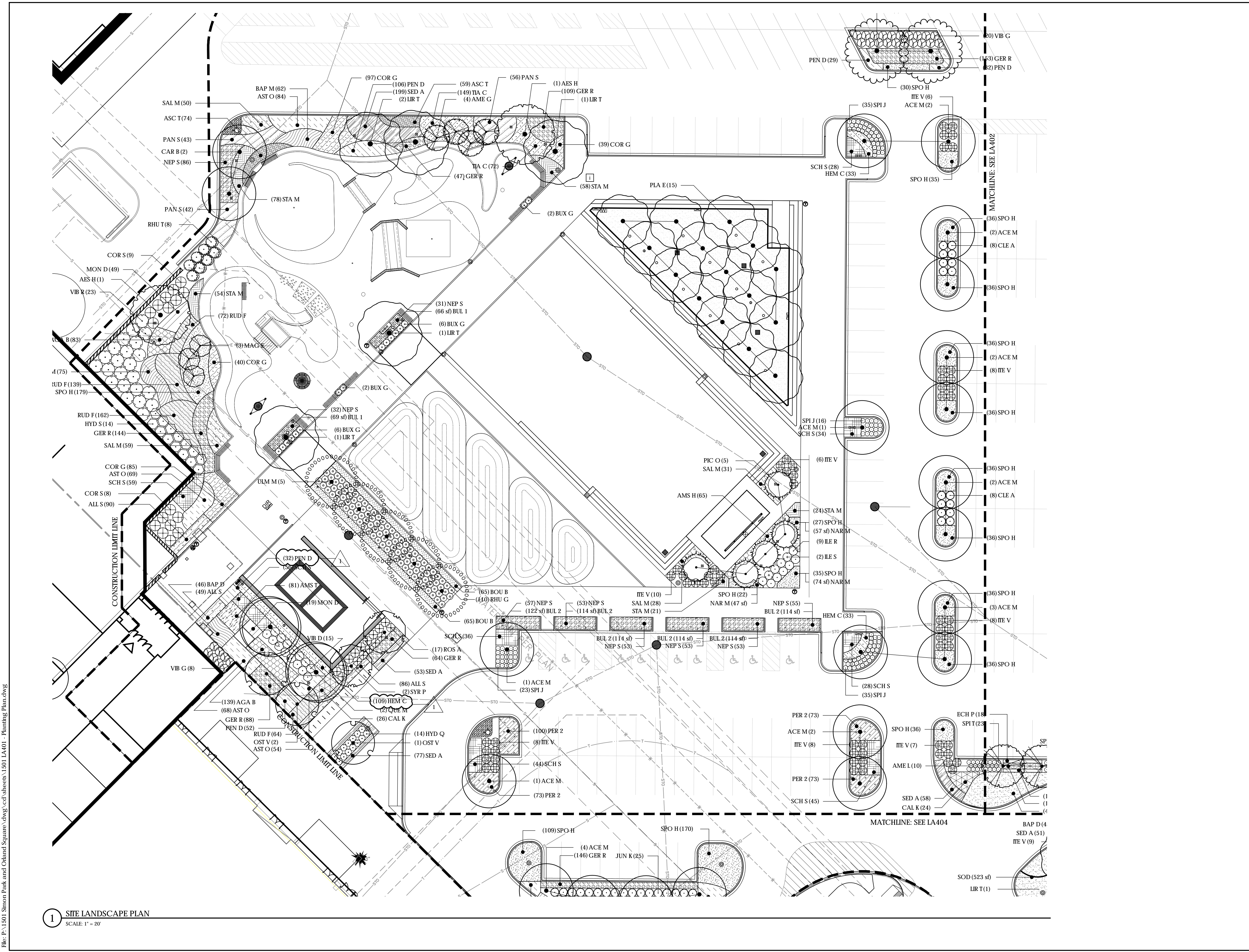
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DRAWING NAME:
SITE PLANTING PLAN

CERTIFICATION:

 REA Project #: 171501
 Date: 02/21/2019
 Drawn by: KK
 Reviewed by: DL

DATE: 02/21/2019
 EXPIRES: 08/31/2019
LA401

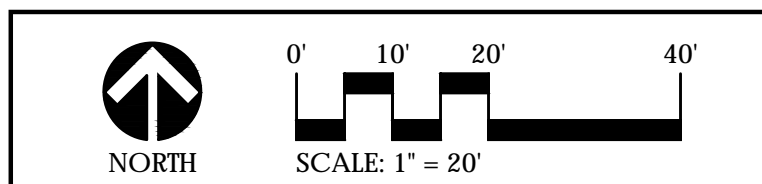


1 SITE LANDSCAPE PLAN
 SCALE: 1" = 20'

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PREPARED FOR:
 SUBCONSULTANT:
 PROJECT:

**ORLAND SQUARE MALL
 PROPOSED MULTIPURPOSE
 ACTIVITY SPACE**
 288 Orland Square Drive, Orland Park, IL 60462



REVISIONS:

NO.	BY	DESCRIPTION	DATE

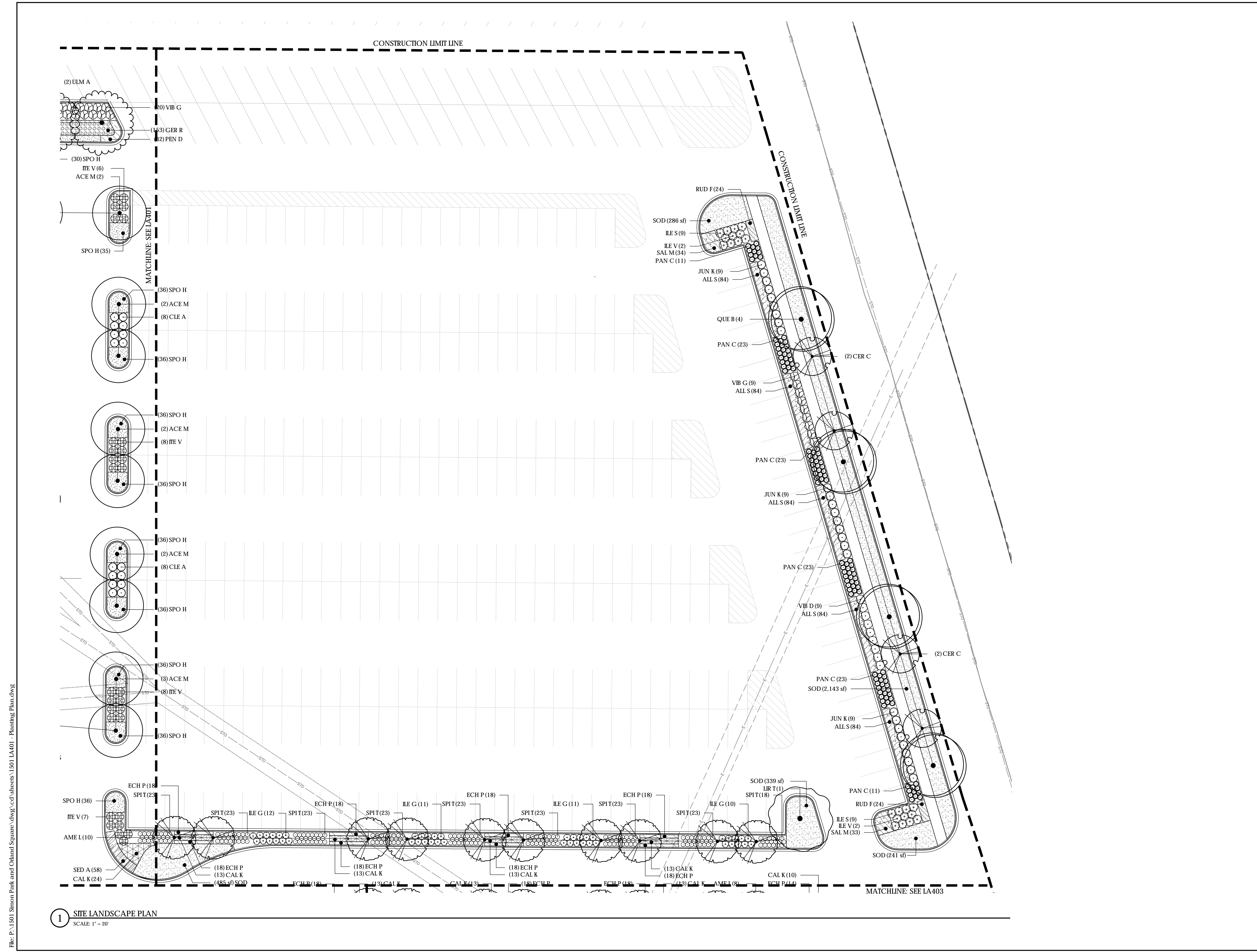
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SITE PLANTING PLAN

CERTIFICATION:

 REA Project #: 171501
 Date: 02/21/2019
 Drawn by: KK
 Reviewed by: DL

DATE: 02/21/2019
 EXPIRES: 08/31/2019
LA402



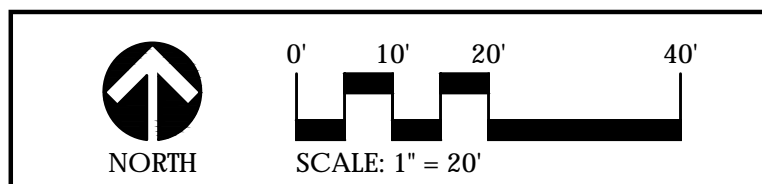
1 SITE LANDSCAPE PLAN
 SCALE: 1" = 20'

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**ORLAND SQUARE MALL
 PROPOSED MULTIPURPOSE
 ACTIVITY SPACE**
 288 Orland Square Drive, Orland Park, IL 60462



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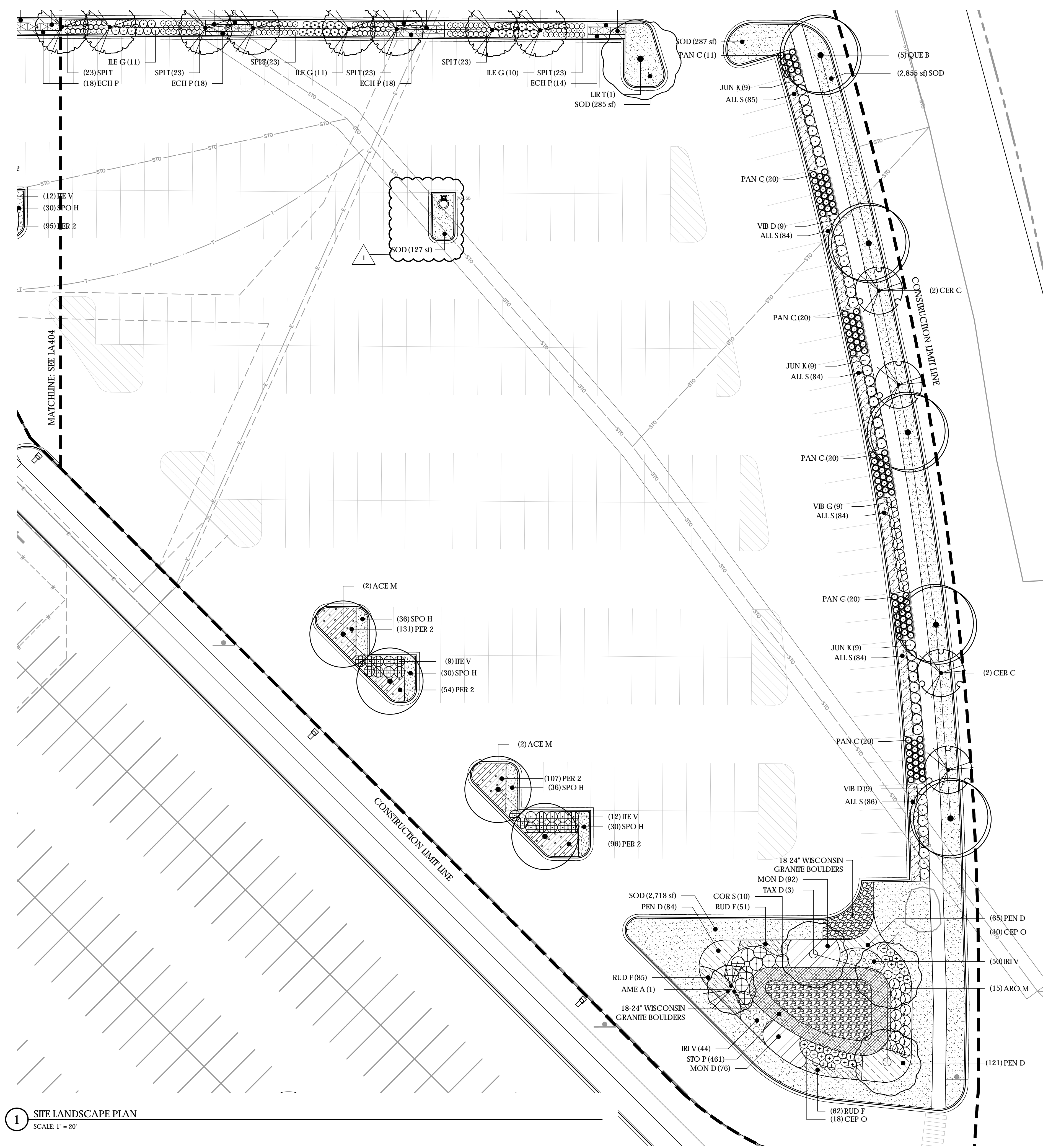
SITE PLANTING PLAN

CERTIFICATION:

 KEVIN J. OSBURN
 157-001326
 STATE OF ILLINOIS
 LICENSED LANDSCAPE ARCHITECT

REA Project #: 171501
 Date: 02/21/2019
 Drawn by: KK
 Reviewed by: DL

DATE: 02/21/2019
 EXPIRES: 08/31/2019
LA403



1 SITE LANDSCAPE PLAN
 SCALE: 1" = 20'

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**ORLAND SQUARE MALL
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DRAWING NAME:
SITE PLANTING PLAN

CERTIFICATION:
 LICENSED LANDSCAPE ARCHITECT
 KEVIN J. OSBURN
 157-001326
 STATE OF ILLINOIS

REA Project #: 171501
 Date: 02/21/2019
 Drawn by: KK
 Reviewed by: DL

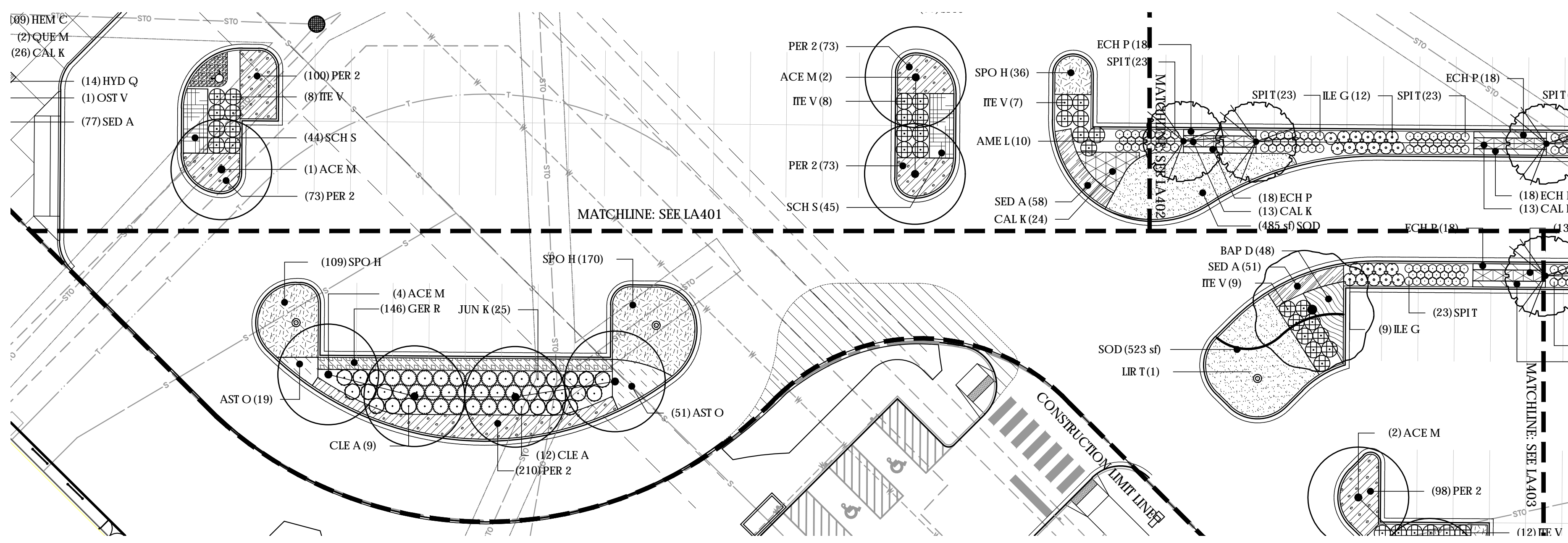
DATE: 02/21/2019
 EXPIRES: 08/31/2019
LA404

PLANT SCHEDULE PARKING LOT AREA LANDSCAPE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS	
ACE M	20	Acer miyabei 'Morton'	State Street Maple	B & B	3" Cal			
LIR T	3	Liriodendron tulipifera 'Emerald City'	Emerald City Tulip Tree	B & B	4" Cal		See Alternate #4	
ULM A	2	Ulmus americana 'Valley Forge'	American Elm	B & B	3" Cal			
ORNAMENTAL TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS	
AME L	18	Amelanchier laevis 'Snowcloud'	Snowcloud Allegheny Serviceberry	B & B	2.5" Cal		Tree form	
CONIFEROUS/EVERGREEN SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
ILE G	85	Ilex glabra 'Densa'	Inkberry Holly	#3		Min. 18" H	36" o.c.	
JUN K	43	Juniperus x pfitzeriana 'Kallay's Compact'	Juniper	#5		Min. 24" H	48" o.c.	
DECIDUOUS SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
CLE A	16	Clethra alnifolia 'Ruby Spice'	Ruby Spice Clethra	#3		Min. 18" H	48" o.c.	
ILE V	4	Ilex verticillata 'FarrowMrP'	Mr. Poppins Winterberry	#3		Min. 18" H	48" o.c.	
ILE S	18	Ilex verticillata 'Spiber'	Beny Nice Winterberry	#5		Min. 18" H	48" o.c.	
ITE V	87	Itea virginica 'Morton'	Scarlet Beauty Sweetpire	#3		Min. 18" H	48" o.c.	
SPIT	363	Spiraea betulifolia 'Tor Gold'	Glow Girl Birchleaf Spirea	#3		Min. 12" H	24" o.c.	
SPI J	86	Spiraea japonica 'Little Princess'	Little Princess Japanese Spirea	#3		Min. 18" H	24" o.c.	
VIB D	27	Viburnum dentatum var. deamii 'SMVDBL'	All That Glows Arrowwood Viburnum	#3		Min. 24" H	48" o.c.	
VIB G	29	Viburnum dentatum var. deamii 'SMVDLS'	All That Glitters Arrowwood Viburnum	#3		Min. 24" H	48" o.c.	
ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
PAN C	198	Panicum virgatum 'Cheyenne Sky'	Switch Grass	#1			30" o.c.	Full, healthy, well-rooted
ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
CAL K	125	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	#1			24" o.c.	Full, healthy, well-rooted
SCH S	179	Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	#1			18" o.c.	
SPO H	551	Sporobolus heterolepis	Prairie Dropseed	#1			18" o.c.	
PERENNIAL MIXES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
PER 2	827	Parking Lot Mix (Equal quantities of Liatris spicata 'Kobold' and Asclepias tuberosa)	Parking Lot Mix	#1			15" o.c.	Full, healthy, well-rooted
PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
ALL S	927	Allium x 'Summer Beauty'	Summer Beauty Allium	#1			15" o.c.	Full, healthy, well-rooted
BAP D	48	Baptisia x 'Decadence Cherries Jubilee'	Cherries Jubilee Wild Indigo	#1			18" o.c.	Full, healthy, well-rooted
ECH P	280	Echinacea purpurea 'Bravado'	Bravado Coneflower	#1			15" o.c.	Full, healthy, well-rooted
GER R	153	Geranium x 'Rozanne'	Hybrid Cranesbill	#1			15" o.c.	Full, healthy, well-rooted
HEM C	66	Hemerocallis x 'Cherry Cheeks'	Cherry Cheeks Daylily	#1			18" o.c.	Full, healthy, well-rooted
PEN D	61	Penstemon digitals	Beard-tongue	#1			15" o.c.	Full, healthy, well-rooted
RUD F	48	Rudbeckia fulgida var. sullivantii 'Goldsturm'	Black-eyed Susan	#1			15" o.c.	Full, healthy, well-rooted
SAL M	67	Salvia nemorosa 'May Night'	May Night Sage	#1			18" o.c.	Full, healthy, well-rooted
SED A	109	Sedum x 'Autumn Joy'	Autumn Joy Sedum	#1			15" o.c.	Full, healthy, well-rooted
TURF	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
SOD	2,573 sf	Turf Sod	Drought Tolerant Fescue Blend	sod				

PLANT SCHEDULE LANDSCAPE PARKWAY

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS	
QUE B	9	Quercus macrocarpa	Burr Oak	B & B	3" Cal			
ORNAMENTAL TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS	
CER C	8	Cercis canadensis	Eastern Redbud	B & B	2.5" Cal		Single-stem	
ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
PAN C	7	Panicum virgatum 'Cheyenne Sky'	Switch Grass	#1			30" o.c.	Full, healthy, well-rooted
TURF	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	SPACING	REMARKS
SOD	4,998 sf	Turf Sod	Drought Tolerant Fescue Blend	sod				



1 SITE LANDSCAPE PLAN
 SCALE: 1" = 20'

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PLANT SCHEDULE INTERIOR LANDSCAPE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS
ACE M	1	Acer miyabei 'Morton'	State Street Maple	B & B	3"	3' Cal	
AES H	2	Aesculus hippocastanum 'Baumannii'	Horse Chestnut	B & B	4"	4' Cal	See Alternate #4
CAR B	2	Carpinus betulus 'Emerald Avenue'	European Hornbeam	B & B	4"	4' Cal	See Alternate #4
LIR T	5	Liriodendron tulipifera 'Emerald City'	Emerald City Tulip Tree	B & B	4"	4' Cal	See Alternate #4
OST V	3	Ostrya virginiana	American Hophornbeam	B & B	3"	3' Cal	
PLA E	15	Platanus x acerifolia 'Morton Circle'	Exclamation! London Plane Tree	B & B	4"	4' Cal	See Alternate #4
QUE M	2	Quercus montana	Chestnut Oak	B & B	3"	3' Cal	
SYR P	2	Syringa pekinensis 'Morton'	China Snow Pekin Lilac	B & B	2"	2' Cal	
ULM M	5	Ulmus x 'Morton Glossy'	Triumph Hybrid Elm	B & B	3"	3' Cal	
CONIFEROUS/EVERGREEN TREE							
PIC O	5	Picea omarika	Serbian Spruce	B & B		14" Clump	
ORNAMENTAL TREES							
AME G	4	Amelanchier x grandiflora 'Princess Diana'	Princess Diana Serviceberry	B & B		8" Clump	M multi-stem, 3-5 trunks
MAG E	3	Magnolia x 'Elizabeth'	Hybrid Magnolia	B & B		8" Clump	Min. 3 trunks
CONIFEROUS/EVERGREEN SHRUBS							
BUX G	16	Buxus x 'Green Gem'	Green Gem Boxwood	#3		Min. 18" H	36" o.c.
DECIDUOUS SHRUBS							
COR S	17	Cornus sericea 'Cardinal'	'Cardinal' Red-twig Dogwood	#3		Min. 18" H	60" o.c.
HYD Q	14	Hydrangea paniculata 'SMHPLQF'	Quick Fire Hydrangea	#3		Min. 18" H	36" o.c.
HYD S	14	Hydrangea quercifolia 'Snow Queen'	Snow Queen Oakleaf Hydrangea	#5		Min. 24" H	60" o.c.
ILE R	9	Ilex verticillata 'Robert Case'	Berry Heavy Winterberry	#5		Min. 18" H	48" o.c.
ILE S	2	Ilex verticillata 'Spriber'	Berry Nice Winterberry	#5		Min. 18" H	48" o.c.
ITE V	16	Itea virginica 'Morton'	Scarlet Beauty Sweetspire	#3		Min. 18" H	48" o.c.
RHU G	110	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#5		Min. 24" H	36" o.c.
RHU T	8	Rhus typhina 'Baltiger'	Tiger Eyes Sumac	#5		Min. 24" H	60" o.c.
ROS A	17	Rosa x 'Ausmas'	David Austin Graham Thomas Rose	#3		Min. 18" H	48" o.c.
SPI J	23	Spiraea japonica 'Little Princess'	Little Princess Japanese Spirea	#3		Min. 18" H	24" o.c.
VIB D	15	Viburnum dentatum var. deamii 'SMVDBL'	All That Glows Arrowwood Viburnum	#3		Min. 24" H	48" o.c.
VIB G	8	Viburnum dentatum var. deamii 'SMVDLS'	All That Glitters Arrowwood Viburnum	#3		Min. 24" H	48" o.c.
VIB R	23	Viburnum rhytidophyllum	Leatherleaf Viburnum	#5		Min. 18" H	72" o.c.
FALL BULBS							
BUL 1	135 sf	Fall Bulb Mix 1	Fall Bulb Mix 1	bulb			See schedule.
BUL 2	691 sf	Fall Bulb Mix 2	Fall Bulb Mix 2	bulb			See Schedule
NAR M	178 sf	Narcissus 'Ice Follies/ N arcissus 'Dutch Master'	Daffodil Mix	bulb			Equal distribution of each species at 4/s.f.
ORNAMENTAL GRASSES							
BOU B	130	Bouteloua gracilis 'Blonde Ambition'	Blue Grama	#1		24" o.c.	Full, healthy, well-rooted
CAL K	26	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	#1		24" o.c.	Full, healthy, well-rooted
PAN S	141	Panicum virgatum 'Shenandoah'	Switch Grass	#1		24" o.c.	Full, healthy, well-rooted
SCH S	151	Schizachyrium scoparium 'The Blues'	The Blues Little Bluestem	#1		18" o.c.	
SPO H	263	Sporobolus heterolepis	Prairie Dropseed	#1		18" o.c.	
PERENNIALS							
AGA B	222	Agastache x 'Blue Fortune'	Anise Hyssop	#1		15" o.c.	Full, healthy, well-rooted
ALL S	225	Allium x 'Summer Beauty'	Summer Beauty Allium	#1		15" o.c.	Full, healthy, well-rooted
AMS H	65	Amsonia hubrichtii	Arkansas Blue-star	#1		18" o.c.	Full, healthy, well-rooted
AMS T	81	Amsonia tabernaemontana 'Blue Ice'	Blue Ice Star Flower	#1		15" o.c.	Full, healthy, well-rooted
ASC T	133	Asclepias tuberosa	Butterfly Milkweed	#1		15" o.c.	Full, healthy, well-rooted
AST O	275	Aster oblongifolius 'Raydon's Favorite'	Aromatic Aster	#1		18" o.c.	Full, healthy, well-rooted
BAP D	46	Baptisia x 'Decadence Cherries Jubilee'	Cherries Jubilee Wild Indigo	#1		18" o.c.	Full, healthy, well-rooted
BAP M	137	Baptisia x 'Midnight Prairieblues'	Midnight Prairieblues Wild Indigo	#1		18" o.c.	Full, healthy, well-rooted
COR G	261	Coreopsis grandiflora 'Early Sunrise'	Early Sunrise Coreopsis	#1		18" o.c.	Full, healthy, well-rooted
GER R	452	Geranium x 'Rozanne'	Hybrid Cranesbill	#1		15" o.c.	Full, healthy, well-rooted
HEM C	109	Hemerocallis x 'Cherry Cheeks'	Cherry Cheeks Daylily	#1		18" o.c.	Full, healthy, well-rooted
MON D	68	Monarda didyma	Bergamot	#1		18" o.c.	Full, healthy, well-rooted
NEP S	473	Nepeta x faassenii 'Select Blue'	Catmint	#1		18" o.c.	Full, healthy, well-rooted
PEN D	190	Penstemon digitalis	Beard-tongue	#1		15" o.c.	Full, healthy, well-rooted
RUD F	437	Rudbeckia fulgida var. sullivantii 'Goldsturm'	Black-eyed Susan	#1		15" o.c.	Full, healthy, well-rooted
SAL M	168	Salvia nemorosa 'May Night'	May Night Sage	#1		18" o.c.	Full, healthy, well-rooted
SED A	329	Sedum x 'Autumn Joy'	Autumn Joy Sedum	#1		15" o.c.	Full, healthy, well-rooted
STA M	235	Stachys monieri 'Hummelo'	Common Betony	#1		15" o.c.	Full, healthy, well-rooted
TIA C	221	Tiarella cordifolia 'Brandywine'	Foamflower	#1		18" o.c.	Full, healthy, well-rooted

PLANT SCHEDULE STORMWATER MANAGEMENT

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS
TAX D	3	Taxodium distichum 'JFS-SGPN'	Green Wisper Bald Cypress	B & B	3"	3' Cal	
ORNAMENTAL TREES							
AME A	1	Amelanchier canadensis 'Autumn Brilliance'	Autumn Brilliance Serviceberry	B & B		8" Clump	3-5 trunks
DECIDUOUS SHRUBS							
ARO M	15	Aronia melanocarpa 'Morton'	Iroquis Beauty Black Chokeberry	3 gal		Min. 18" H	48" o.c.
CEP O	28	Cephalanthus occidentalis 'Sugar Shack'	Buttonbush	#3		Min. 18" H	36" o.c.
COR S	10	Cornus sericea 'Cardinal'	'Cardinal' Red-twig Dogwood	#3		Min. 18" H	60" o.c.
PERENNIAL MIXES							
STO P	461	Stormwater Mix	Stormwater Plant Mix	#1		15" o.c.	See Stormwater Mix Schedule
PERENNIALS							
ALL S	86	Allium x 'Summer Beauty'	Summer Beauty Allium	#1		15" o.c.	Full, healthy, well-rooted
IRI V	94	Iris virginica var. shrevei	Shreve's Iris	#1		18" o.c.	Full, healthy, well-rooted
MON D	168	Monarda didyma	Bergamot	#1		18" o.c.	Full, healthy, well-rooted
PEN D	270	Penstemon digitalis	Beard-tongue	#1		15" o.c.	Full, healthy, well-rooted
RUD F	198	Rudbeckia fulgida var. sullivantii 'Goldsturm'	Black-eyed Susan	#1		15" o.c.	Full, healthy, well-rooted
TURF							
SOD	2,718 sf	Turf Sod	Drought Tolerant Fescue Blend	sod			

BULB SCHEDULE

MIX 1	QTY	AREA	BOTANICAL NAME	COMMON NAME	CONT	SPACING	REMARKS
	135	67.5 sf	TULIPA 'CLAUDIA'	LILY FLOWERING TULIP	bulb	2/s.f.	Equal Distribution
	135	67.5 sf	TULIPA 'SAPORO'	LILY FLOWERING TULIP	bulb	2/s.f.	
MIX 2	QTY	AREA	BOTANICAL NAME	COMMON NAME	CONT	SPACING	REMARKS
	900	450 sf	NARCISSUS 'PUEBLO'	JONQUILLA DAFFODIL	bulb	2/s.f.	Equal Distribution
	482	241 sf	TULIPA 'PASSIONALE'	TRIUMPH TULIP	bulb	2/s.f.	

STORMWATER PLANT MIX

QTY	BOTANICAL NAME	COMMON NAME	CONT.	SPACING	REMARKS
75%	CAREX EMORYI	EMORY'S SEDGE	32 FLAT	12" O.C.	EQUALLY DISTRIBUTED
50%	CAREX FRANKII	FRANK'S SEDGE	32 FLAT	12" O.C.	EQUALLY DISTRIBUTED
25%	LOBELIA CARDINALIS	CARDINAL FLOWER	32 FLAT	12" O.C.	PLANT IN GROUPS OF 5 OR MORE

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PREPARED FOR:
 SUBCONSULTANT:

**ORLAND SQUARE MALL
 PROPOSED MULTIPURPOSE
 ACTIVITY SPACE**
 288 Orland Square Drive, Orland Park, IL 60462

0' 10' 20' 40'
 NORTH
 SCALE: 1" = 20'

REVISIONS:

NO.	BY	DESCRIPTION	DATE
1	REA	ADDENDUM #1	03-08-19

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LANDSCAPE SCHEDULE

DRAWING NAME:
 LANDSCAPE SCHEDULE

CERTIFICATION:
 KEVIN J. OSBURN
 157-001326
 STATE OF ILLINOIS
 LICENSED LANDSCAPE ARCHITECT

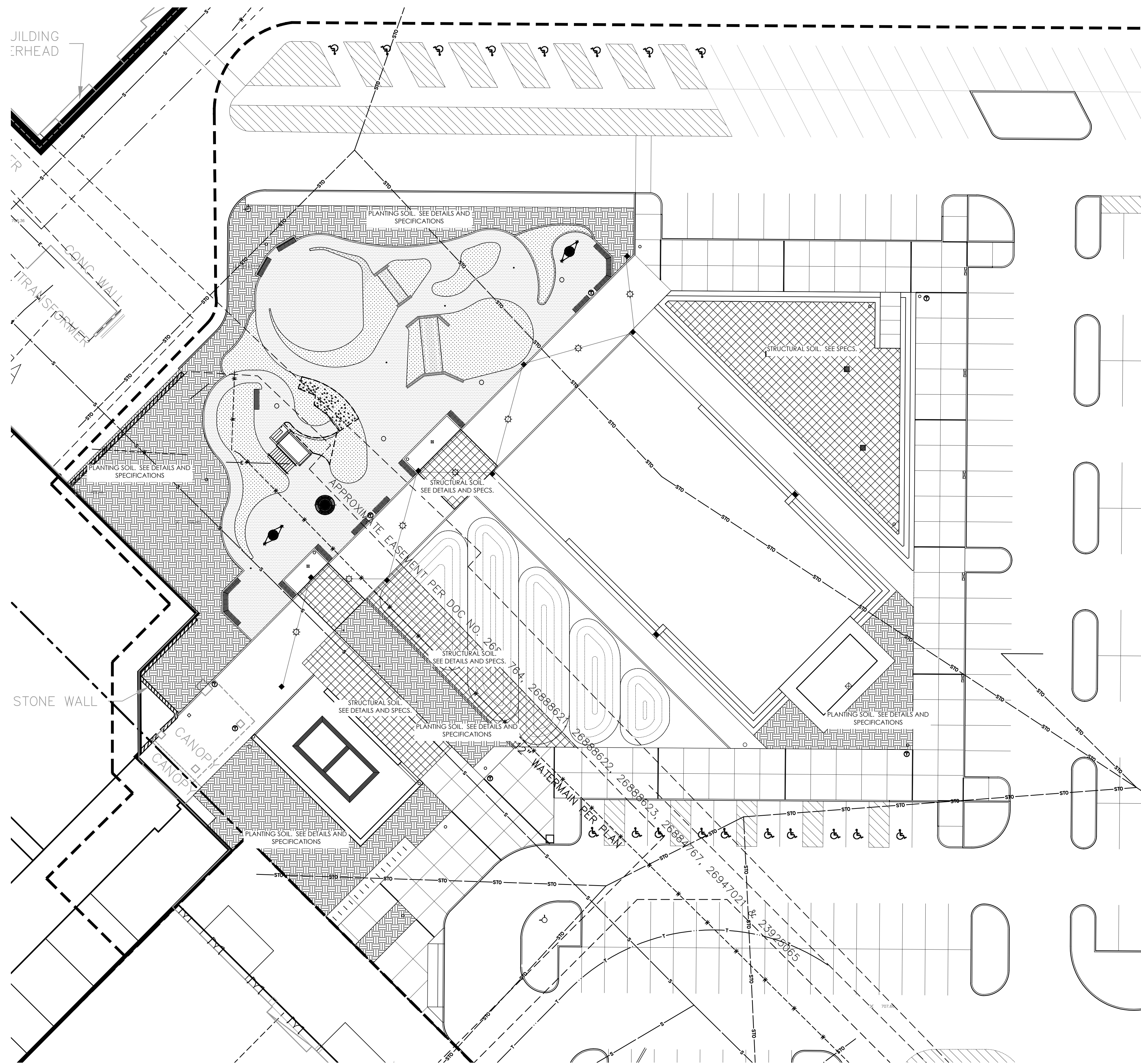
REA Project #: 171501
 Date: 02/21/2019
 Drawn by: KK
 Reviewed by: DL

DATE: 02/21/2019
 EXPIRES: 08/31/2019

LA405

File: P:\1501-Smoot Park and Orland Square.dwg\cdd\sheets\1501-LA401 - Planting Plan.dwg

File: P:\191 Simon Park and Orland Square\dwg\191 LA406 - Soils Plan.dwg

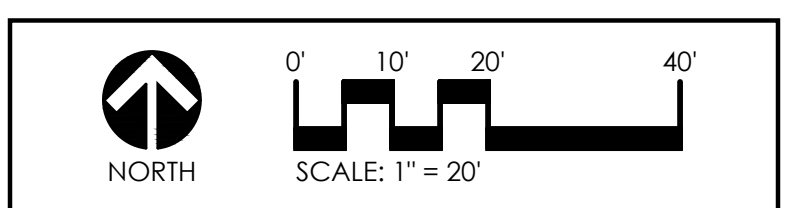


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**ORLAND SQUARE MALL
 PROPOSED MULTIPURPOSE
 ACTIVITY SPACE**
 288 Orland Square Drive, Orland Park, IL 60462



NO.	BY	DESCRIPTION	DATE
xx	xx	xx	xx

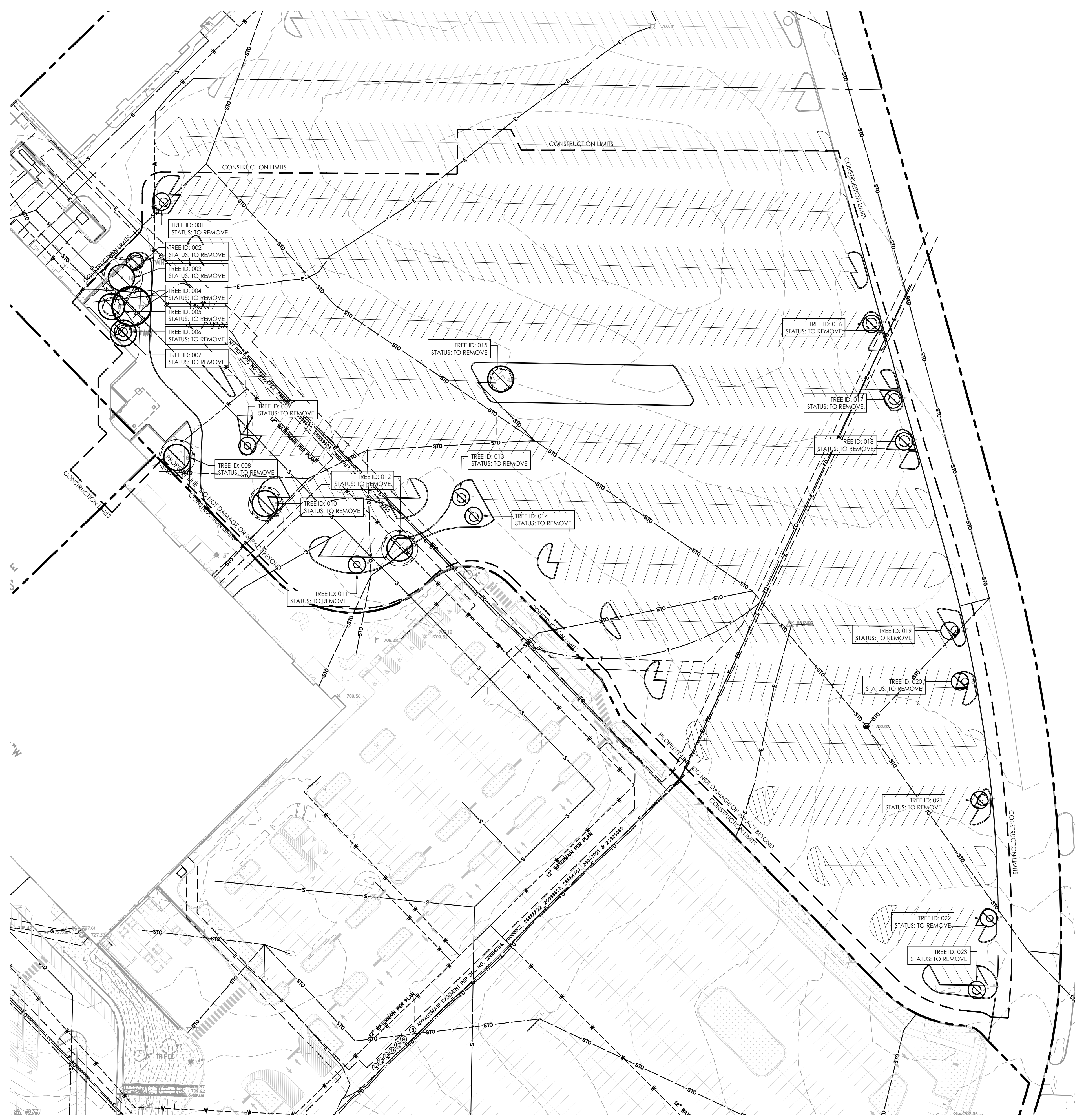
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DRAWING NAME:
SOILS PLAN

CERTIFICATION:
 REA Project #: 171501
 Date: 01/18/2019
 Drawn by:
 Reviewed by:

DRAWING #:
LA406

File: P:\1501 Simon Park and Orland Square (dwg)\cct\sheet\1501.LA407 - Tree Mitigation Plan.dwg



1 TREE PRESERVATION PLAN
SCALE: 1" = 50'

LANDSCAPE PROTECTION GENERAL NOTES

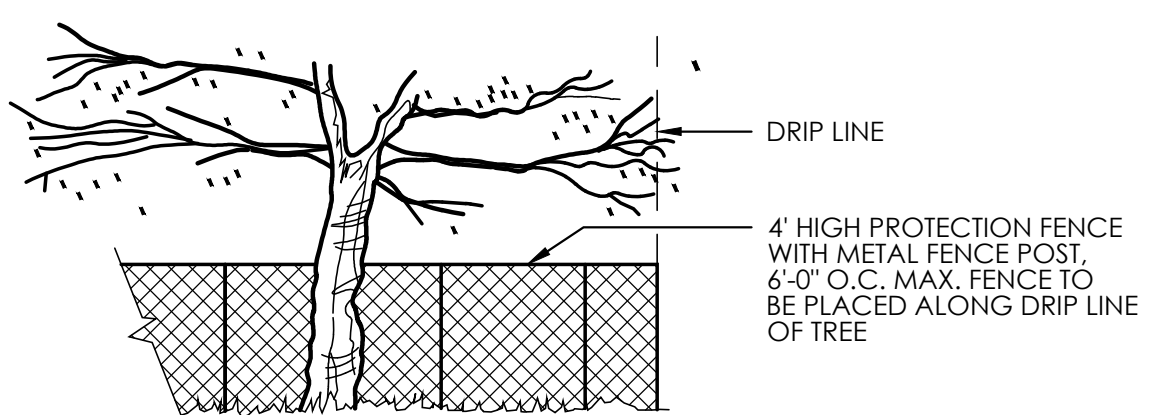
- INSTALL 6-FOOT HIGH, NON-MOVABLE, TEMPORARY CHAINLINK FENCE AROUND PROTECTIVE ROOT ZONES WHERE INDICATED ON PLANS TO PROTECT REMAINING TREES AND VEGETATION FROM CONSTRUCTION DAMAGE. MAINTAIN TEMPORARY FENCE AND REMOVE WHEN CONSTRUCTION IS COMPLETE.
- CONTRACTOR IS RESPONSIBLE FOR ALL MOWING AND TRIMMING OF TURF GRASS WITHIN FENCED AREAS THAT PROTECT TREES. PERFORM MOWING AND TRIMMING AROUND THE PERIMETER OF THE FENCE ON A WEEKLY BASIS.
- PROTECT TREE ROOT SYSTEM FROM DAMAGE CAUSED BY RUNOFF OR SPILLAGE OF NOXIOUS MATERIALS WHILE MIXING, PLACING, OR STOPPING CONSTRUCTION MATERIALS. KEEP PROTECT ROOT ZONES FREE OF PONDING BROODING, OR EXCESSIVE WETTING CAUSED BY DE-WATERING OPERATIONS.
- CONTRACTOR IS RESPONSIBLE FOR REPAIRING/REPLACING ALL LANDSCAPING THAT IS DAMAGED DURING THE WORK OF THE PROJECT TO EQUAL OR BETTER CONDITION TO THAT AT THE START OF THE CONTRACT. THE OWNER/LANDSCAPE ARCHITECT WILL ASSESS THE REPAIR COST OF ANY DAMAGED LANDSCAPE UPON COMPLETION OF THE WORK AND ALL SUCH COSTS WILL BE DEDUCED FROM THE PROJECT CONTRACT AMOUNT.
- CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL DAMAGE TO PAVEMENT AND CONCRETE WALKWAYS AND FLATWORK CAUSED AS A RESULT OF THIS WORK. SUCH DAMAGE INCLUDES, BUT IS NOT LIMITED TO, CRACKS, SPALLS, TIRE MARKS, SPILLS, AND DISPLACEMENT/SETTLING. CONTRACTOR SHALL REPAIR DAMAGED ELEMENTS AS DETERMINED BY THE OWNER/LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
- PROTECT ROOT ZONES WITH MULCH WHERE INDICATED ON PLANS TO MINIMIZE COMPACTION. PROVIDE A TEMPORARY 12" DEEP BED OF SHREDED HARDWOOD BARK MULCH AT ALL NON-PAVED ROOT ZONES THAT MUST BE OCCUPIED OR OTHERWISE USED BY THE CONTRACTOR TO PERFORM THE WORK OF THE CONTRACT. CONTRACTOR SHALL SUBMIT AN IMPACT PLAN AT THE PRE-CONSTRUCTION MEETING THAT IDENTIFIES ALL ROOT ZONES THAT WILL BE OCCUPIED INCLUDING OCCUPATION BY SUBCONTRACTORS DURING THE WORK. THIS DRAWING SHALL INCLUDE THE EXTENTS OF ALL PROPOSED TEMPORARY MULCH COVER AND SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO WORK COMMENCING. ALL AREA OF THE TEMPORARY MULCH SHALL BE REMOVED BY THE CONTRACTOR PRIOR TO COMPLETION OF THE WORK.
- DO NOT STORE CONSTRUCTION MATERIAL, DEBRIS, OR EXCAVATED MATERIAL INSIDE THE PROTECT ROOT ZONES. MAINTAIN FENCE-ENCLOSED PROTECT ROOT ZONE FREE OF WEEDS AND TRASH.
- DO NOT PERMIT VEHICLES OR PERMANENT FOOT TRAFFIC WITHIN PROTECT ROOT ZONES. PREVENT SOIL COMPACTION OVER ROOT SYSTEM.
- DO NOT ALLOW FIRES WITHIN PROTECT ROOT ZONES.
- DO NOT EXCAVATE WITHIN PROTECT ROOT ZONES. UNLESS NOTED OTHERWISE, MAINTAIN EXISTING GRADES WITHIN PROTECT ROOT ZONES. INSTALL SHORING OR OTHER PROTECTIVE SUPPORT SYSTEMS TO MINIMIZE SLOPING OR BENCHING OF EXCAVATION ADJACENT TO PROTECT ROOT ZONES.
- CUT ROOTS OUTSIDE OF PROTECT ROOT ZONES WITH SHARP PRUNING INSTRUMENT WHEN NECESSARY. DO NOT BREAK OR CHOP.
- IMMEDIATELY NOTIFY LANDSCAPE ARCHITECT OF TREE DAMAGE CAUSED BY CONSTRUCTION ACTIVITY.
- ALL TREE PRUNING PRIOR TO, DURING, AND AFTER CONSTRUCTION ACTIVITY WILL BE PERFORMED BY CERTIFIED ARBORIST.
- REFER TO THE TREE PROTECTION AND TRIMMING SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- REFER TO SITE DEMOLITION AND KEYNOTE PLANS FOR ADDITIONAL REQUIREMENTS.

LANDSCAPE PROTECTION KEYNOTES

- ITEM** **DESCRIPTION**
- PROTECT ROOT ZONE
SEE SPECIFICATIONS FOR DEFINITION. MODIFICATIONS TO PROTECT ROOT ZONE MUST BE APPROVED BY LANDSCAPE ARCHITECT.
 - TEMPORARY TREE PROTECTION FENCE
MINIMUM 6 FT TALL, CHAIN LINK FENCE. SEE GENERAL NOTES, SPECIFICATIONS, AND DETAIL 2, THIS SHEET.
 - CONSTRUCTION LIMIT LINE
 - ⊘ TREE TO BE REMOVED BY CONTRACTOR
SEE SITE DEMOLITION PLANS
 - ⊙ TREE TO BE REMOVED BY OWNER PRIOR TO CONSTRUCTION CONTRACT START DATE

TREE MITIGATION SCHEDULE [6-305.F.3.f.1]

ID	COMMON NAME	BOTANIC NAME	CONDITION	CALIPER	STATUS	TREE MITIGATION REQ'D
1	Norway Maple	<i>Acer platanoides</i>	Poor	4 in	To Be Removed	2
2	Silver Maple	<i>Acer saccharinum</i>	Poor	6 in	To Be Removed	2
3	Hawthorn	<i>Crataegus species</i>	Poor	8 in	To Be Removed	2
4	Honeylocust	<i>Gleditsia triacanthos</i>	Poor	8 in	To Be Removed	2
5	Hawthorn	<i>Crataegus species</i>	Poor	17 in	To Be Removed	4
6	Hawthorn	<i>Crataegus species</i>	Poor	4 in	To Be Removed	2
7	Hawthorn	<i>Crataegus species</i>	Poor	7 in	To Be Removed	2
8	Silver Linden	<i>Tilia tomentosa</i>	Good	16 in	To Be Removed	4
9	Redmond Linden	<i>Tilia americana 'Redmond'</i>	Good	3 in	To Be Removed	2
10	Honeylocust	<i>Gleditsia triacanthos</i>	Poor	15 in	To Be Removed	4
11	Damaged Tree Removed by Owner After Completion of Survey					
12	Honeylocust	<i>Gleditsia triacanthos</i>	Good	16 in	To Be Removed	4
13	Redmond Linden	<i>Tilia americana 'Redmond'</i>	Good	4 in	To Be Removed	2
14	Redmond Linden	<i>Tilia americana 'Redmond'</i>	Dead	4 in	To Be Removed	0
15	Removed after Completion of Survey					
16	Norway Maple	<i>Acer platanoides</i>	Fair	5 in	To Be Removed	2
17	Norway Maple	<i>Acer platanoides</i>	Good	5 in	To Be Removed	2
18	Norway Maple	<i>Acer platanoides</i>	Good	5 in	To Be Removed	2
19	Redmond Linden	<i>Tilia americana 'Redmond'</i>	Good	4 in	To Be Removed	2
20	Littleleaf Linden	<i>Tilia cordata</i>	Poor	3 in	To Be Removed	2
21	Honeylocust	<i>Gleditsia triacanthos</i>	Fair	5 in	To Be Removed	2
22	Redmond Linden	<i>Tilia americana 'Redmond'</i>	Fair	3 in	To Be Removed	2
23	Redmond Linden	<i>Tilia americana 'Redmond'</i>	Poor	4 in	To Be Removed	2
TOTAL TREES REQUIRED TO BE MITIGATED:						48
TOTAL TREES PROVIDED (SEE PLANTING PLANS FOR LOCATION AND TYPE):						103



2 TEMPORARY TREE PROTECTION FENCE
SCALE: NTS

PROJECT LEAD:

RUNDELL ERNSTBERGER ASSOCIATES

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www.reasite.com

PREPARED FOR:

SUBCONSULTANT:

PROJECT:

**ORLAND SQUARE MALL
PROPOSED MULTIPURPOSE
ACTIVITY SPACE**

288 Orland Square Drive, Orland Park, IL 60462

NORTH

0' 25' 50' 100'

SCALE: 1" = 50'

REVISIONS:

NO.	BY	DESCRIPTION	DATE
xx	xx	xx	xx

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DRAWING NAME:

EXISTING TREE MITIGATION PLAN

CERTIFICATION:

FOR REVIEW ONLY
(NOT FOR CONSTRUCTION)

REVISIONS:

REA Project #: 171501
Date: 01/18/2019
Drawn by: KDK
Reviewed by: DLL

DRAWING #:
LA407

PREPARED FOR:

SUBCONSULTANT:

PROJECT:

ORLAND SQUARE MALL PROPOSED MULTIPURPOSE ACTIVITY SPACE

288 Orland Square Drive, Orland Park, IL 60462

REVISIONS:

NO.	BY	DESCRIPTION	DATE
xx	xx	xx	xx

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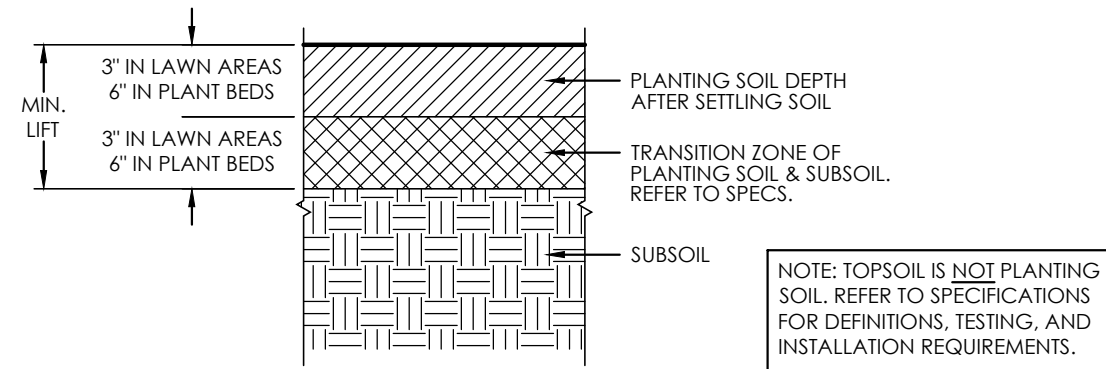
PLANTING DETAILS

CERTIFICATION:

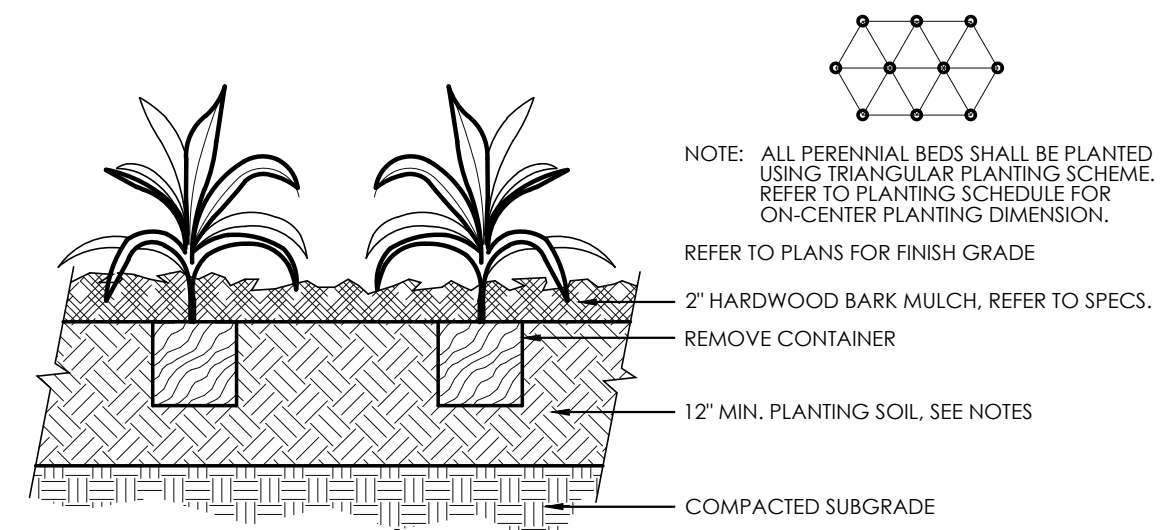
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Date: 01/18/2019
Drawn by:
Reviewed by:

DRAWING #:

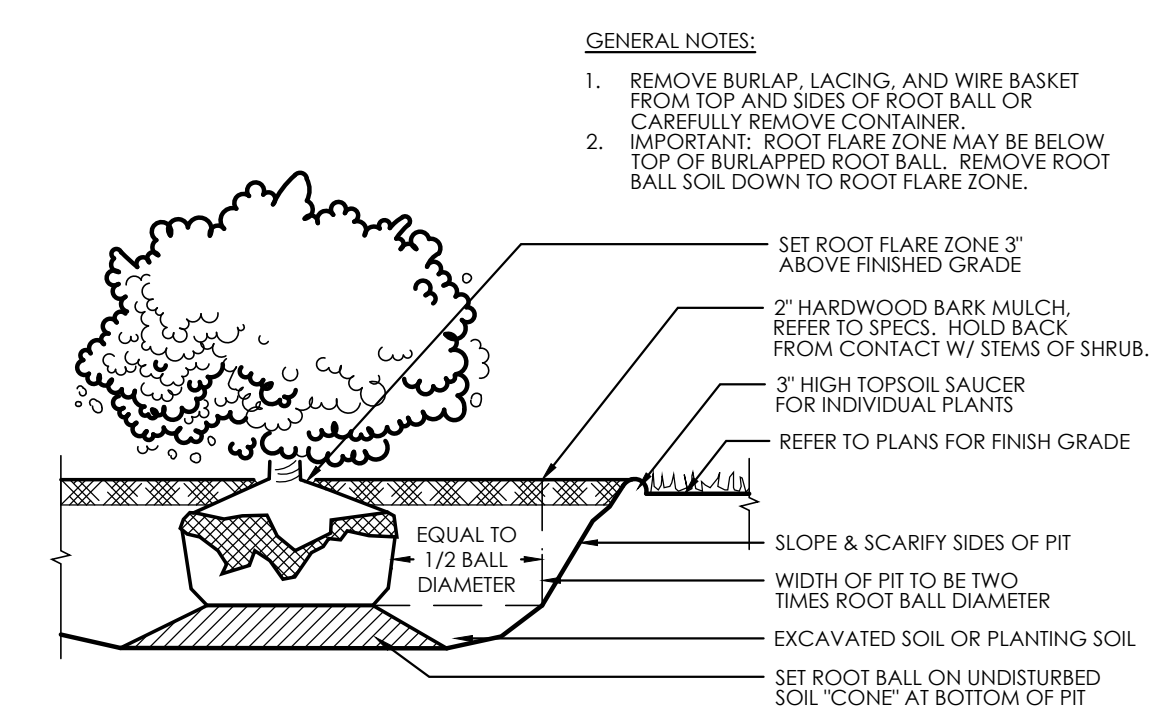
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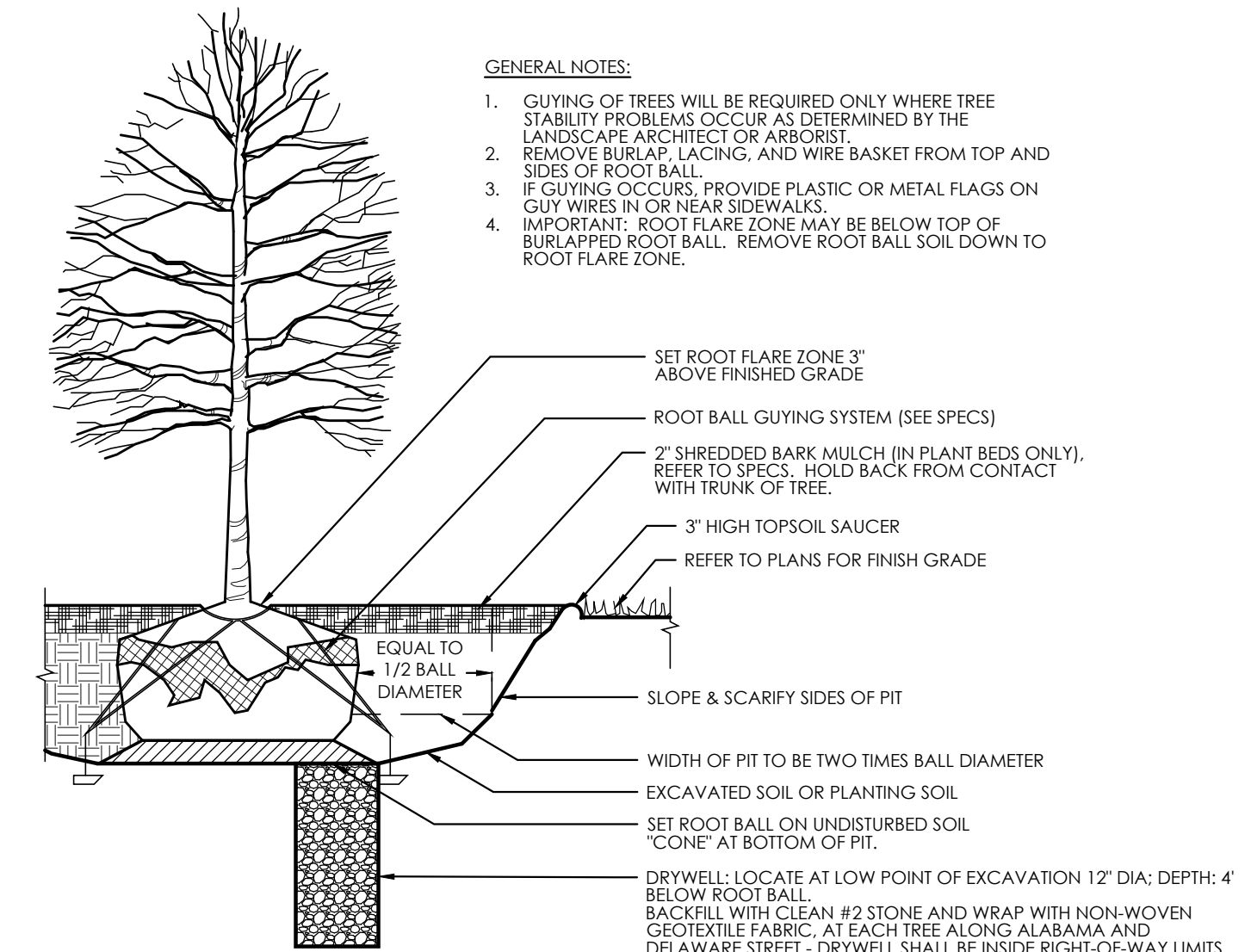
1 PLANTING SOIL
NOT TO SCALE



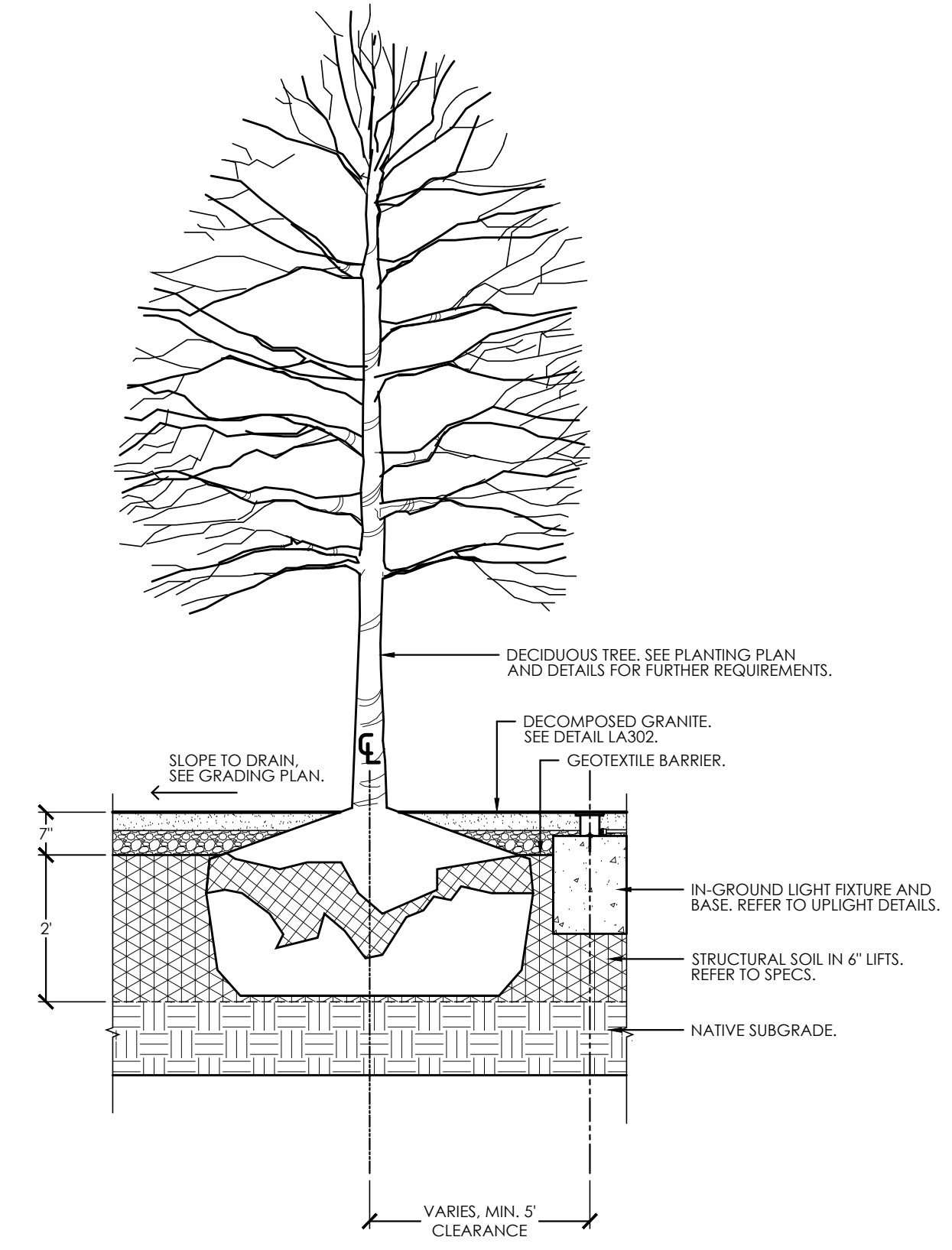
3 PERENNIAL/GROUNDCOVER/GRASSES PLANTING
NOT TO SCALE



4 SHRUB PLANTING
NOT TO SCALE



5 TREE PLANTING
NOT TO SCALE



8 TREE PLANTING IN DECOMPOSED GRANITE
SCALE: 1/2" = 1'-0"