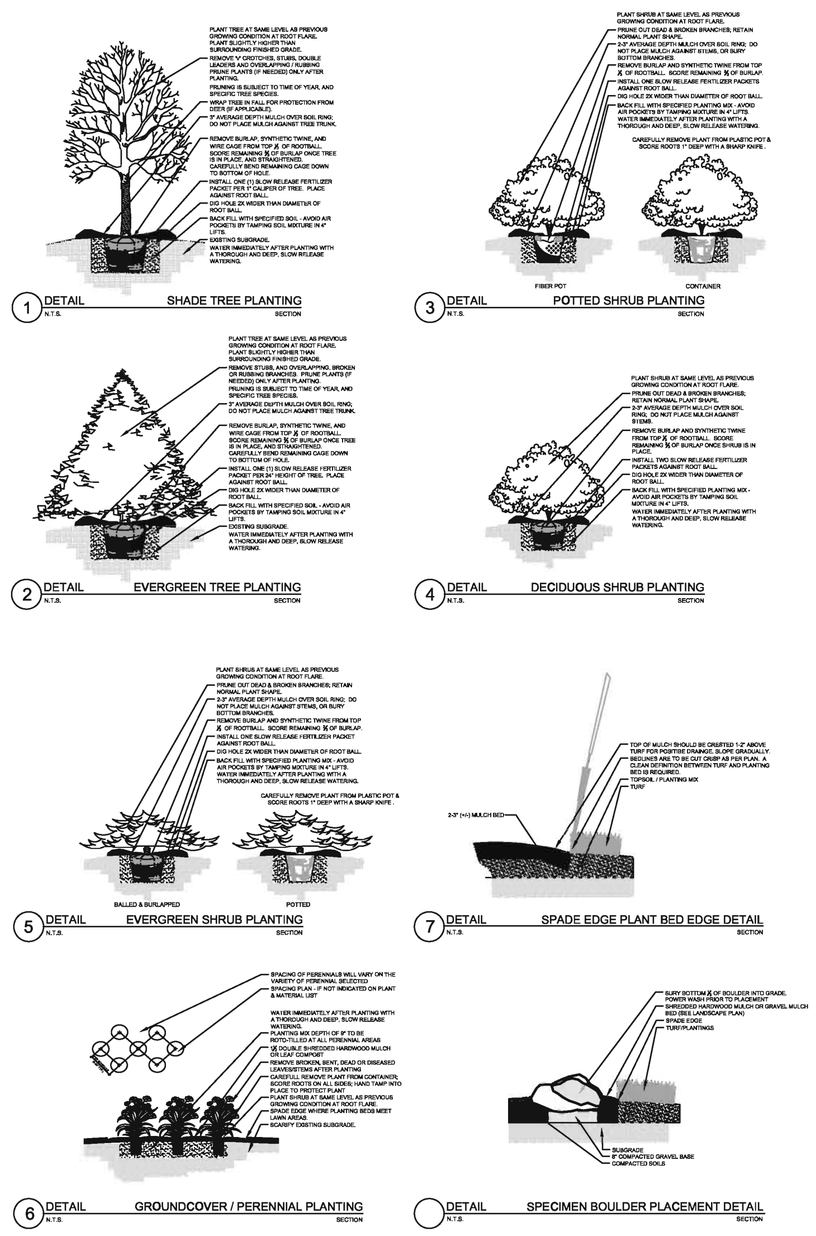
HELLER & ASSOCIATES, LLC
LANDSCAPE ARCHITECTURE

One Redwood Court
Racine, Wisconsin 53402
ph 262.639.9733
fx 262.639.9737
david@wdavidheller.com

LONG GROVE SENIOR CARE

ILLINOIS ROUTE 53, LONG GROVE, IL



PLANTING & HARDSCAPE DETAILS

BUFFERYARD LANDSCAPE MATERIALS

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED BOTANICAL NAME	COMMON NAME	CALIPER SIZE	ROOT	SPECIFICATION / NOTES
Proposed Landscape Materials (BUFFER YARD)						
SHADE TREES (DECIDUOUS)						
GMSM	3	Acer saccharum 'Green Mountain'	Green Mountain Sugar Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
KCT	2	Gymnocladus dioica	Kentucky Coffee Tree	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
SWO	1	Quercus bicolor	Swamp White Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
NRO	2	Quercus rubra	Northern Red Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
BC	1	Taxodium distichum	Bald Cypress	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
ORNAMENTAL TREES (DECIDUOUS)						
SS	12	Amelanchier canadensis	Serviceberry	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
ER	6	Cercis canadensis	Eastern Redbud	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
CC	7	Cornus mas	Cornelian Cherry	6-7'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
TCH	1	Crataegus crus-gali 'Inermis'	Thornless Cockspur Hawthorn	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
IW	5	Ostrya virginiana	Ironwood	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
DECIDUOUS SHRUBS						
BRC	10	Aronia arbutifolia 'Brilliantissima'	Brilliant Red Chokeberry	42"	Cont.	Full, well rooted plant, evenly shaped
VW	8	Hamamelis vernalis	Vernal Witchhazel	36"	B&B	Full, well rounded plant with moist rootball and healthy appearance
CW	6	Hamamelis virginiana	Common Witchhazel	36"	B&B	Full, well rounded plant with moist rootball and healthy appearance
AJAV	25	Viburnum dentatum 'Autumn Jazz'	Autumn Jazz Arrowood Viburnum	42"	Cont.	Full, well rooted plant, evenly shaped

SITE LANDSCAPE MATERIALS

PLANT KEY	QUANTITY	PLANT MATERIAL PROPOSED BOTANICAL NAME	COMMON NAME	CALIPER SIZE	ROOT	SPECIFICATION / NOTES
Proposed Landscape Materiasl (SITE)						
SHADE TREES (DECIDUOUS)						
ARM	3	Acer xfreemanii 'Armstrong'	Armstrong Red Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
ABM	7	Acer xfreemanii 'Autumn Blaze'	Autumn Blaze Maple	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
SHL	7	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
KCT	1	Gymnocladus dioica	Kentucky Coffee Tree	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
SWO	4	Quercus bicolor	Swamp White Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
NRO	1	Quercus rubra	Northern Red Oak	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
GSL	2	Tilia cordata 'Greenspire'	Greenspire Linden	3.0"	B&B	Straight central leader, full and even crown. Prune only after planting
ORNAMENTAL TREES (DECIDUOUS)						
SS	4	Amelanchier canadensis	Serviceberry	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
CC	3	Cornus mas	Cornelian Cherry	6-7'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
TCH	1	Crataegus crus-gali 'Inermis'	Thornless Cockspur Hawthorn	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
AFC	10	Malus florida 'Adams'	Adams Flowering Crabapple	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
SSFC	2	Malus florida 'Spring Snow'	Spring Snow Flowering Crabapple	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
IW	3	Ostrya virginiana	Ironwood	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
CFP	2	Pyrus calleryana 'Chanticleer'	Chanticleer Flowering Pear	2.5"	B&B	Straight central leader, full and even crown. Prune only after planting
JTL	5	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	7-8'	B&B	Well balanced multi-stemmed tree with minimum four canes, and full appearance
EVERGREEN TREES						
CF	3	Abies concolor	Concolor Fir	7-8'	B&B	Evenly shaped tree with branching to the ground
NS	2	Picea abies	Norway Spruce	7-8'	B&B	Evenly shaped tree with branching to the ground
BHS	5	Picea densata 'glauca'	Black Hills Spruce	7-8'	B&B	Evenly shaped tree with branching to the ground
EVERGREEN SHURBS						
GVB	13	Buxus 'Green Velvet'	Green Velvet Boxwood	15" HT	Cont.	Full rounded well branched shrub
KCPJ	50	Juniperus chinensis 'Kallay'	Kallay Compact Pfitzer Juniper	#5	Cont.	Full rounded well branched shrub
GSJ	17	Juniperis chinensis sargenti 'Viridis'	Green Sargent Juniper	#5	Cont.	Full rounded well branched shrub
TIY	56	Taxus xmedia 'Tautoni'	Taunton Intermediate Yew	24"	B&B	Full rounded well branched shrub
DECIDUOUS SHRUBS						
CW	2	Hamamelis virginiana	Common Witchhazel	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance
IH	89	Hydrangea arborescens 'Abetwo'	Incredi'ball Hydrangea	#5	Cont.	Full, well rooted plant, evenly shaped
LH	8	Hydrangea paniculata 'Limelight'	Limelight Hydrangea	36"	Cont.	Full, well rooted plant, evenly shaped
LLH	7	Hydrangea paniculata 'Little Lamb'	Little Lamb Hydrangea	24"	Cont.	Full, well rooted plant, evenly shaped
UH	18	Hydrangea paniculata 'Unique'	Unique Hydrangea	#5	Cont.	Full, well rooted plant, evenly shaped
MWP		Potentilla fruiticosa 'McKay's White'	McKay's White Potentilla	#5	Cont.	Full, well rooted plant, evenly shaped
GMAC	14	Ribes alpinum 'Green Mound'	Green Mound Alpine Currant	#5	Cont.	Full, well rooted plant, evenly shaped
GLS	8	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#5	Cont.	Full, well rooted plant, evenly shaped
NWSR	29	Rosa 'Nearly Wild'	Nearly Wild Shrub Rose	18"	Cont.	Full, well rooted plant, evenly shaped
PPSR	36	Rosa rugosa 'Pink Pavement'	Pink Pavement Series Rose	18"	Cont.	Full, well rooted plant, evenly shaped
NFS	36	Spirea xbumalda 'Neon Flash'	Neon Flash Spirea	24"	Cont.	Full, well rooted plant, evenly shaped
KSV	22	Viburnum carlesii	Fragrant Koreanspice Viburnum	30"	Cont.	Full, well rooted plant, evenly shaped
MV	16	Viburnum lantana 'Mohican'	Mohican Viburnum	42"	B&B	Full, well rounded plant with moist rootball and healthy appearance
JRW	14	Wiegela florida 'Java Red'	Java Red Wiegela	24"	Cont.	Full, well rooted plant, evenly shaped
WRW	3	Wiegela florida 'Wine-N-Roses'	Wine-N-Roses Wiegela	24"	Cont.	Full, well rooted plant, evenly shaped
ORNAMENTAL GRASSES						
KFRG	158	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass	#1	Cont.	Full, well rooted plant
OFRG	51	Calamagrostis acutiflora 'Overdam'	Overdam Feather Reed Grass	#1	Cont.	Full, well rooted plant
HERBACEOUS PERENNIALS						
PBA	58	Astilbe roseum 'Peach Blossom'	Peach Blossom Astilbe	#1	Cont.	Full, well rooted plant, evenly shaped
JFB	7	Brunnera macrophylla 'Jack Frost'	Jack Frost Brunnera	#1	Cont.	Full, well rooted plant, evenly shaped
HRD	38	Hemerocallis 'Happy Returns'	Happy Returns Daylilly	#1	Cont.	Full, well rooted plant, evenly shaped
RRD	28	Hemerocallis 'Rosy Returns'	Rosy Returns Daylilly	#1	Cont.	Full, well rooted plant, evenly shaped
MDL	14	Hemerocallis 'Catherine Woodbury'	Catherine Woodbury Daylilly (Soft Pink)	#1	Cont.	Full, well rooted plant, evenly shaped
MDL	14	Hemerocallis 'Hyperion'	Hyperion Daylilly (Lemon Yellow)	#1	Cont.	Full, well rooted plant, evenly shaped
MDL	14	Hemerocallis 'Summer Wine'	Summer Wine Daylilly (Maroon)	#1	Cont.	Full, well rooted plant, evenly shaped
MRCB	52	Heuchera 'Midnight Rose'	Midnight Rose Coralbells	#1	Cont.	Full, well rooted plant, evenly shaped
FH	57	Hosta fortunei 'Francee'	Francee Hosta	#1	Cont.	Full, well rooted plant, evenly shaped
CBSI	27	Iris sibirica 'Caesars' Brother'	Caesars' Brother Siberian Iris	#1	Cont.	Full, well rooted plant, evenly shaped
SD	15	Leucanthemum 'Alaska'	Alaska Shasta Daisy	#1	Cont.	Full, well rooted plant, evenly shaped
OF	78	Matteucia pensylvanica	Ostrich Fern	#1	Cont.	Full, well rooted plant, evenly shaped
RS	3	Perovskia atriplicifolia	Russian Sage	#1	Cont.	Full, well rooted plant, evenly shaped
BES	33	Rudbeckia fulgida 'Goldsturm'	Black-eyed Susan	#1	Cont.	Full, well rooted plant, evenly shaped
MNS	30	Salvia xsupeba 'May Night'	May Night Salvia	#1	Cont.	Full, well rooted plant, evenly shaped
GROUNDCOVERS & VINES						
GCP	480	Pachysandra terminalis 'Green Carpet'	Green Carpet Pachysandra	3"	Pot	Full, well rooted plant
LAWN		Lawn Establishment Area / Grading Area			SY	Cedar Creek Premium Blue Tag Seed Mix (Ph: 888-313-6807)
		Erosion Matting for sloped seeded areas	*see plan for area delineation*		SF	American Excelsior Company Curlex Net Free (or approved equal)
SOD		Sodded Areas (identified on plan)	*see plan for area delineation*		SY	Fresh cut, weed free; Bluegrass Blend Sod; Water immediately after installation
LMMM		Low-Mow Meadow Mix	*see plan for area delineation*		SY	Cedar Creek Low-Grow-No-Mow Meadow Mix (Ph: 888-313-6807)
Hardscape Materials						
	167	Shredded Hardwood Mulch (3" depth)	*18,250 SF*		CY	
	111	Soil Amendments (2" depth)	*18,250 SF*		CY	
		Pulverized Topsoil (1" over lawn areas)	*Contractor to verify*		CY	
	111	Pulverized Topsoil (2" over bed areas)	*18,250 SF*		CY	

*Landscape counts & quantities are provided as a service to the Landscape Contractor; Landscape Contractor is responsible for verifying these counts and quantities in order to provide a complete landscape installation as outlined on this Landscape Master Plan. In the event that a discrepancy occurs between this schedule and the Landscape Master Plan, the Landscape Master Plan- including the graphics and notations depicted therein- shall govern.

Seed Compositions:

Cedar Creek Premium Blue Tag (Ph: 888-313-6807):		Seed at rate of 3# per 1000 SF
10% Mid Atlantic Kentucky Bluegrass	10% Atlantis Kentucky Bluegrass	
20% Merit Kentucky Bluegrass	10% Dragon Kentucky Bluegrass	
20% Boreal Red Fescue	10% Palmer III Fine Perennial Ryegrass	
20% Pennant Fine Perennial Ryegrass		

PLANT & MATERIAL SCHEDULE

1. Contractor responsible for contacting JULIE - Utility Locators (811 or 800-892-0123) to have site marked prior to excavation or planting.

2. Contractor to verify all plant quantities shown on Plant & Material List and landscape planting symbols and report any discrepancies to Landscape Architect or General Contractor.

3. All plantings shall comply with standards as described in American Standard of Nursery Stock - Z60.1 ANSI (latest version). Landscape Architect reserves the right to inspect, and potentially reject any plants that are inferior, compromised, undersized, diseased, improperly transported, installed incorrectly or damaged. No sub-standard "B Grade" or "Park Grade" plant material shall be accepted. Plant material shall originate from nursery(ies) with a similar climate as the planting site.

4. Any potential plant substitutions must be approved by Landscape Architect or Owner. All plants must be installed as per sizes indicated on Plant & Material Schedule, unless approved by Landscape Architect. Any changes to sizes shown on plan must be submitted in writing to the Landscape Architect prior to installation.

5. Topsoil in Parking Lot Islands (if applicable): All parking lot islands to be backfilled with topsoil to a minimum depth of 18" to insure long-term plant health. Topsoil should be placed within 3" of finish grade by General Contractor / Excavation Contractor during rough grading operations/activity. The landscape contractor shall be responsible for the fine grading of all disturbed areas, planting bed areas, and lawn areas. Crown all parking lot islands a minimum of 6" to provide proper drainage, unless otherwise specified.

6. Tree Planting: Plant all trees slightly higher than finished grade at the root flare. Remove excess soil from the top of the root ball, if needed. Remove and discard non-biodegradable ball wrapping and support wire. Removed biodegradable burlap and wire cage (if present) from the top $\frac{1}{3}$ of the rootball and carefully bend remaining wire down to the bottom of the hole. Once the tree has been placed into the hole and will no longer be moved, score the remaining $\frac{2}{3}$ of the burlap and remove the twine. Provide three slow release fertilizer for each tree planted.

7. Tree Planting: Backfill tree planting holes 80% existing soils removed from excavation and 20% plant starter mix. Avoid air pockets and do not tamp soil down. Discard any gravel, rocks, heavy clay, or concrete pieces. When hole is $\frac{2}{3}$ full, trees shall be watered thoroughly, and water left to soak in before proceeding to fill the remainder of the hole. Water again to full soak in the new planting. Each tree shall receive a 3" deep, 4-5' diameter (see planting details or planting plan) shredded hardwood bark mulch ring around all trees planted in lawn areas. Do not build up any mulch onto the trunk of any tree. Trees that are installed incorrectly will be replaced at the time and expense of the Landscape Contractor.

8. Shrub Planting: All shrubs to be planted in groupings as indicated on the Landscape Plan. Install with the planting of shrubs a 50% mix of plant starter with topsoil. Install topsoil into all plant beds as needed to achieve proper grade and displace undesirable soil (see planting detail). Remove all excessive gravel, clay and stones from plant beds prior to planting. When hole(s) are $\frac{2}{3}$ full, shrubs shall be watered thoroughly, and water left to soak in before proceeding. Provide slow-release fertilizer packets at the rater of 1 per 24" height/diamter of shrub at planting.

9. Mulching: All tree and shrub planting beds to receive a 3" deep layer of high quality shredded hardwood bark mulch (not pigment dyed or enviro-mulch). All perennial planting areas (groupings) shall receive a 2" layer of shredded hardwood bark mulch, and groundcover areas a 1-2" layer of the same mulch. Do not mulch annual flower beds (if applicable). Do not allow mulch to contact plant stems and tree trunks.

10. Edging: All planting beds shall be edged with a 4" deep spade edge using a flat landscape spade or a mechanical edger. Bedlines are to be cut crisp, smooth as per plan. A clean definition between landscape beds and lawn is required. Pack mulch against lawn edge to hold in place.

11. Plant bed preparation: All perennial, groundcover and annual areas (if applicable) are required to receive a blend of organic soil (Soil Amendments) amendments prior to installation. Roto-till the following materials at the following ratio, into existing soil beds or installed topsoil beds to a depth of approximately 8"-10"

Per 100 SF of bed area:
- ¾ CY Peat Moss or Mushroom Compost
- ¾ CY blended/pulverized Topsoil
- 2 pounds starter fertilizer
- ¼ CY composted manure

12. Lawn Installation for all sodded turfgrass areas: Contractor to furnish and prepare blended topsoil (2" minimum) and sod bed, removing all debris and stones ½" and larger. Apply a 10-10-10 starter lawn fertilizer uniformly throughout areas prior to laying sod. Use only premium sod blend according to TPI (revised 1995) and ASPA Standards. Install sod uniformly with staggered joints, laid tightly end to end and side to side. Roll sod with a walk behind roller and water immediately upon installation to a 3" depth. Stake any sod installed on slopes steeper than 1:3, and in all swale applications. Contractor is responsible to provide a smooth, uniform, healthy turf, and is responsible for the first two mowings of the newly installed turf, and is also responsible for watering during this period.

13. Installation preparation for all seeded areas: remove/kill off any existing unwanted vegetation prior to seeding. Prepare the topsoil (if adequate or provide as in item #6 above) and seed bed by removing all surface stones 1" or larger. Apply a starter fertilizer and specified seed uniformly at the specified rate, and provide mulch covering suitable to germinate and establish turf. Provide seed and fertilizer specifications to Landscape Architect and Owner prior to installation. Erosion control measures are to be used in swales and on slopes in excess of 1:3 and where applicable (see Civil Engineering Drawings). Methods of installation may vary are the discretion of the Landscape Contractor on his/her responsibility to establish and guarantee a smooth, uniform, quality turf. A minimum of 2" of blended, prepared and non-compacted topsoil is required for all lawn areas. If straw mulch is used as a mulch covering, a tackifier may be necessary to avoid wind dispersal of mulch covering. Marsh hay containing reed canary grass is NOT acceptable as a mulch covering.

An acceptable quality seed installation is defined as having:
No bare spots larger than one (1) square foot
No more than 10% of the total area with bare areas larger than one (1) square foot
A uniform coverage through all turf areas

14. No-Mow seed areas: "No-Mow" fine fescue seed mix with annual rye nurse crop (available at Cedar Creek Seed Farm 888-313-6807; or Prairie Nursery 608-296-3679) or approved equivalent mix from a reputable seed mix provider. Apply at 220 lbs per acre or at rate recommended by supplier. Prepare seed bed and soil as specified in item #13 above.

15. Native Prairie Seed Mix / Stormwater Seed Mix: Native seed mixes as listed on the Plant and Material List or other seeding schedules outlined on the landscape plan set. Seed mixes available from Prairie Nursery 608-296-3679 or JF New 608-848-1789 or approved equivalent mix from a reputable seed mix provider. Apply at rates specified herein, or per supplier recommendation. Prepare soil and seed bed as in item #13 above.

16. Warranty and Replacements: All plantings are to be watered thoroughly at the time of planting, through construction and upon completion of project as required. Trees, Evergreens, and Shrubs (deciduous and evergreen) shall be guaranteed (100% replacement) for a minimum of one (1) year from the date of project completion. Perennials, groundcovers, and ornamental grasses shall be guaranteed for a minimum of one (1) growing season. Perennials, groundcovers, and ornamental grasses planted after September 15th shall be guaranteed through May 31st of the following year. Only one replacement per plant will be required during the warranty period, except for losses or replacements due to failure to comply with specified requirements. Watering and general ongoing maintenance instructions are to be supplied by the Landscape Contractor to the Owner upon completion of the project.

17. The Landscape Contractor is responsible for the watering and maintenance of all landscape areas for a period of 45 days after the substantial completion of the landscape installation. This shall include all trees, shrubs, evergreens, perennials, ornamental grasses, turf grass, no-mow grass, and native prairie seed mix / stormwater seed mix. Work also includes weeding, edging, mulching (only if required), fertilizing, trimming, sweeping up grass clippings, pruning and deadheading.

18. Project Completion: Landscape Contractor is responsible to conduct a final review of the project, upon completion, with the Landscape Architect, Client or Owner / Client Representative, and the General Contractor to answer questions, provide written care instructions for new plantings and turf, and insure that all specifications have been met.

LANDSCAPE GENERAL NOTES

PRELIMINARY SCHEMATIC DESIGN.
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DATE: 3/31/14
JOB NUMBER: 13-025

GLEASON ARCHITECTS, P.C.
769 Heartland Drive, Unit A Sugar Grove, Illinois
Phone: 630-466-8740 Fax: 630-466-8760

CONCEPTUAL DETAILS, NOTES & SCHEDULES

SCALE: None

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