

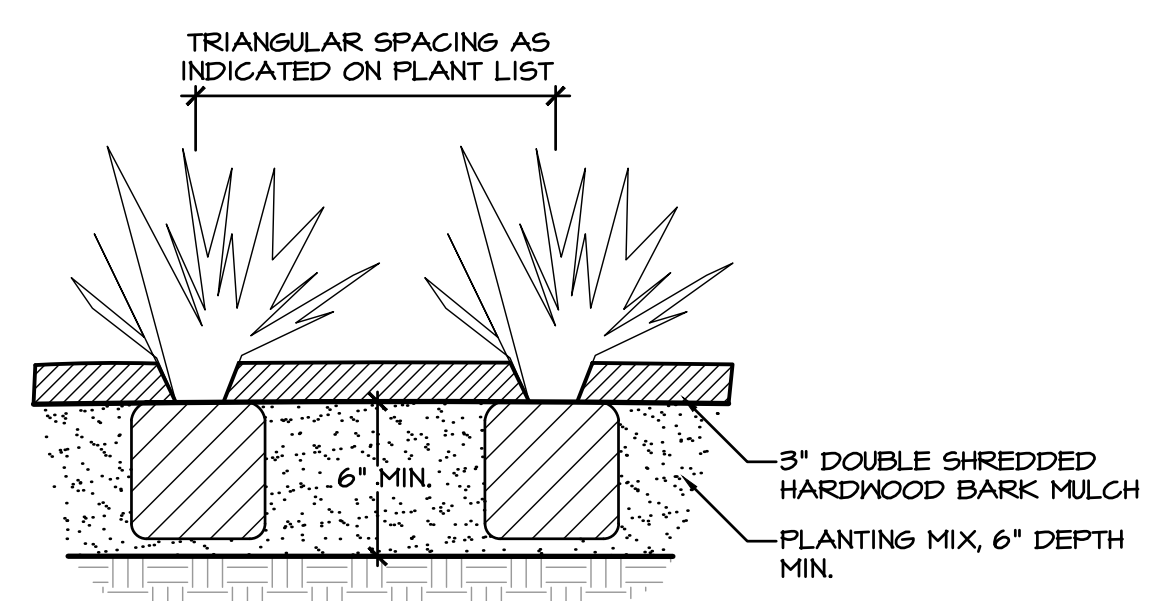
GENERAL PLANTING SPECIFICATIONS

- These documents are meant to serve as a guide for construction; modifications to the designs may be required to accommodate varying field conditions or modified plant arrangements.
- Quality and sizes of plants to meet American Association of Nurseryman Standards.
- Landscape Architect to be authority for interpretation of plan and quality of work.
- All substitutions of sizes or varieties subject to approval of Landscape Architect.
- If quantities listed in Plant Material List do not correlate with plantings indicated on plan, the quantities indicated on the plan shall govern.
- Contract shall consist of total units authorized by Owner.
- All wall elevations, finished grades, and drain line elevations to be finalized in the field where applicable.
- The Landscape Contractor to locate all underground utilities and/or sprinkler systems before installation.
- The Landscape Contractor is responsible for all clean-up associated with his construction procedure.
- All lawn areas to receive a minimum 2" topsoil; all planting areas to receive a minimum 6" topsoil.
- Planting bed preparation: Loosen existing soil; add topsoil in sufficient quantity to raise bed 4-5" above finished lawn grade. Provide positive drainage away from all buildings and around or away from planting beds to prevent ponding of water. Do not raise bed grades, finished grades, or mulch above finished floor elevations.
- Use soil mixture in all planting pits. Soil mixture to be 1/4 original on-site soil and 3/4 sandy loam or loam soil as defined by USDA Soil Conservation Service, Soil Classification System. Free from admixture of subsoil, heavy clay, coarse sand, stones, plants, roots, sticks, and any other foreign materials. 95% of topsoil shall pass a 2.0 mill sieve. Organic content shall be 4% to 12% of total dry weight. Add granular 'Soil Moist' to topsoil mix, applied per manufacturer's recommended rates for the size and type of plant material specified, if no irrigation is applied.
 - If the quality or quantity of on-site topsoil stockpiled is insufficient to complete work, provide imported topsoil. Obtain rights and pay all costs for imported topsoil material.
 - Proposed topsoil shall be acceptable to Architect and Soils Testing Firm.
- Mulch all planting beds, and disturbed areas with a 3" depth of double shredded hardwood bark.
- All nylon roping, twine, shall be removed, prior to planting. All non-treated burlap and/or non-rot proof burlap to be removed from top half of rootball. All treated burlap or polypropylene burlap to be completely removed from planting pit.
 - Fertilizer: Each tree and shrub planting to receive Granular Nitroform (10-6-12) fertilizer or equal. Deliver fertilizer to the site in bags or other convenient containers, each fully labeled, conforming to the applicable State Fertilizer Law, and bearing the name, trade name or trademark, and warranty of the producer.
- Seeding Mixture: Seed shall be 5 Way Blend Perennial Rye Grass, composed of 20% Apple 6L Perennial Rye, 20% HomeRun Perennial Rye, 20% Fiesta 4 Perennial Rye, 20% Amazing 6S Perennial Rye, 20% Protege 6LR Perennial Rye. Fertilize with a non-burning measured release fertilizer, or rake in a light application of 12-12-12 at a rate of 15 lb. per 1,000 S.F. before seeding.
- All areas to be seeded are to be free from weeds and rocks 3/4" or larger. All seeded areas are to be covered with a 1 1/2" thick non-compacted layer of straw.
- Grading: The Owner will provide a finished grade within 3" of final grade. The Landscape Contractor is responsible for all fine grading relating to his work (when applicable).
- All beds shall be edged to form a defined, cut edge.
- Reseed all disturbed areas with appropriate seed mix.
- Maintain lawns through two cuttings and assume full responsibility for a full and healthy growth. Reseed all bare spots.
- All plant materials and groundcovers to be inspected and approved by Landscape Architect before final acceptance of work, by the owner.
- All landscaping material shall be guaranteed for a period of one (1) year from the date of acceptance of the work, by the owner.

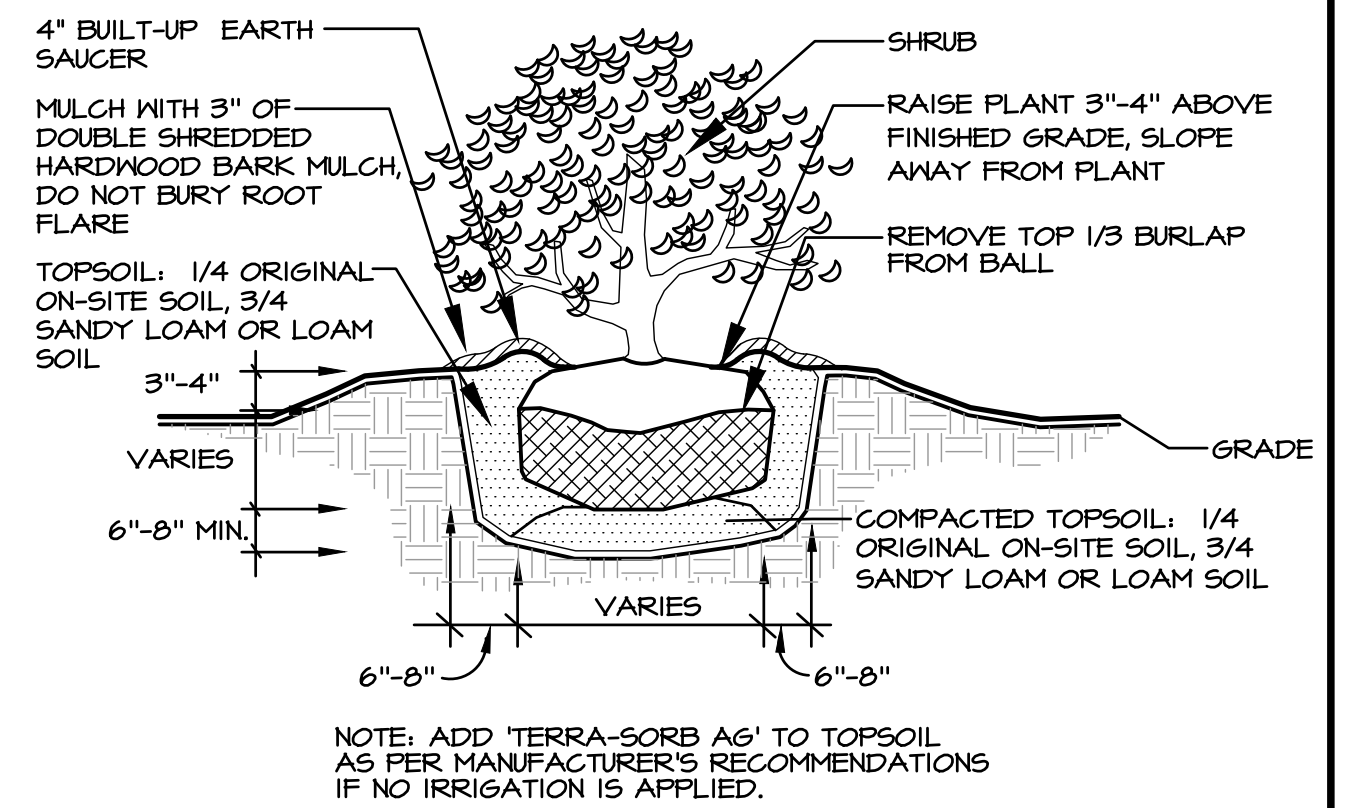
DETENTION BASIN NOTES

- INSTALL AN EROSION CONTROL BLANKET IN DETENTION BASIN OVER SEED. EROSION CONTROL BLANKET TO BE MADE OF 100% WEED FREE STRAW AND BIODEGRADABLE NETTING, INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
- SEED MIXES MANUFACTURED BY JFNEW NATIVE PLANT NURSERY, WALKERTON, INDIANA, 574-586-2412
- DETENTION BANK SEED MIXTURE: SEE CHART

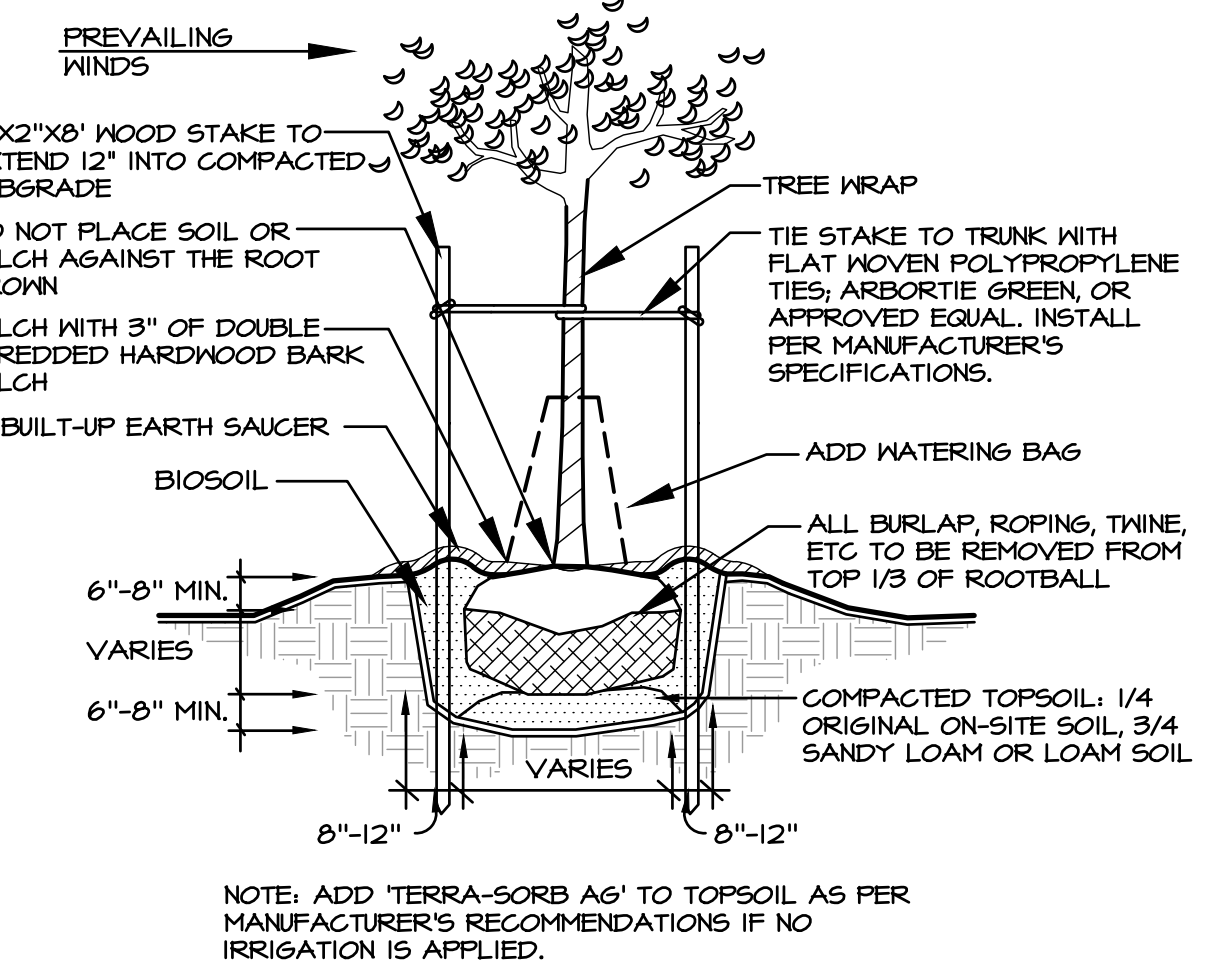
1 PERENNIAL PLANTING
L-1 NOT TO SCALE



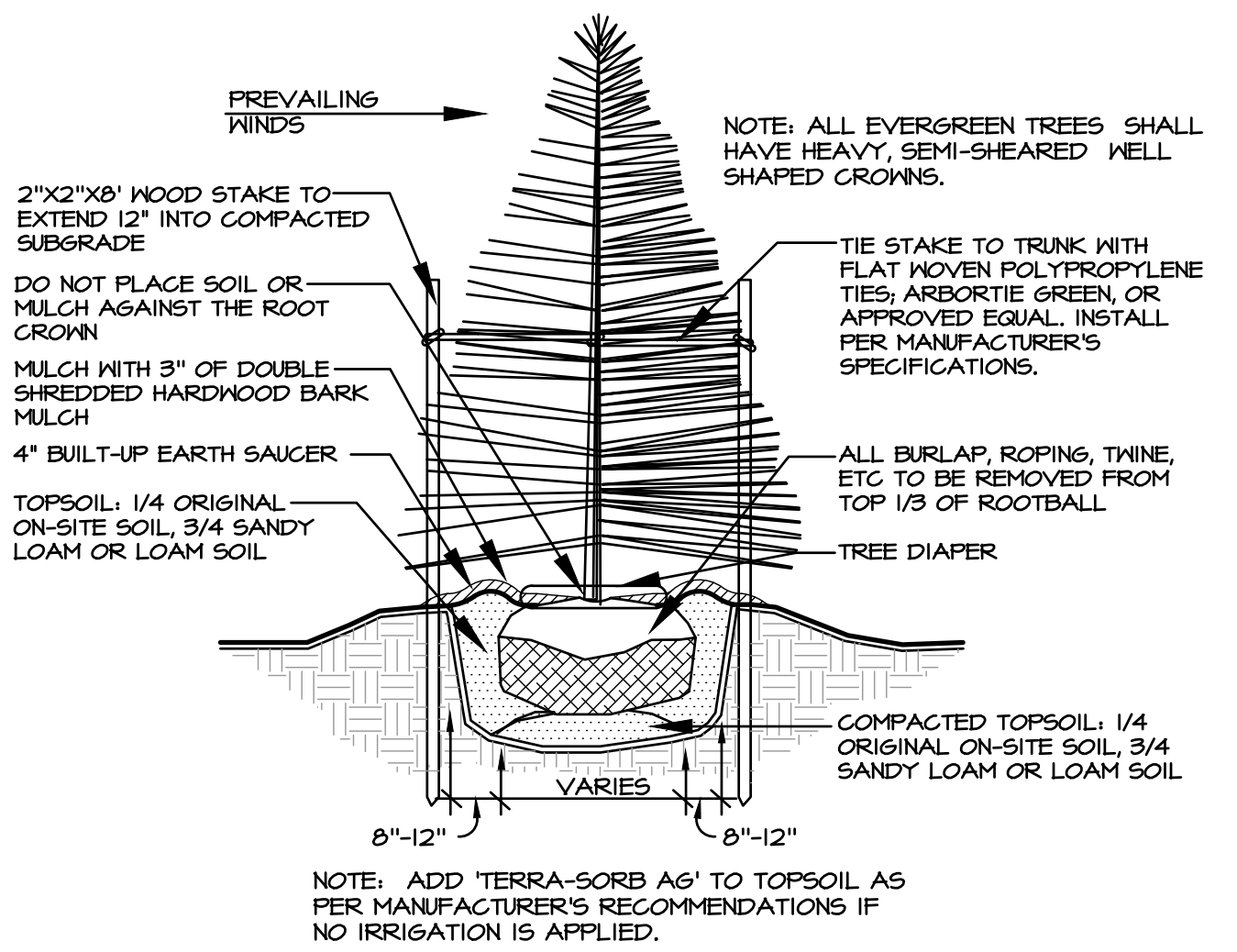
2 SHRUB PLANTING
L-1 NOT TO SCALE



3 DECIDUOUS TREE PLANTING
L-1 NOT TO SCALE



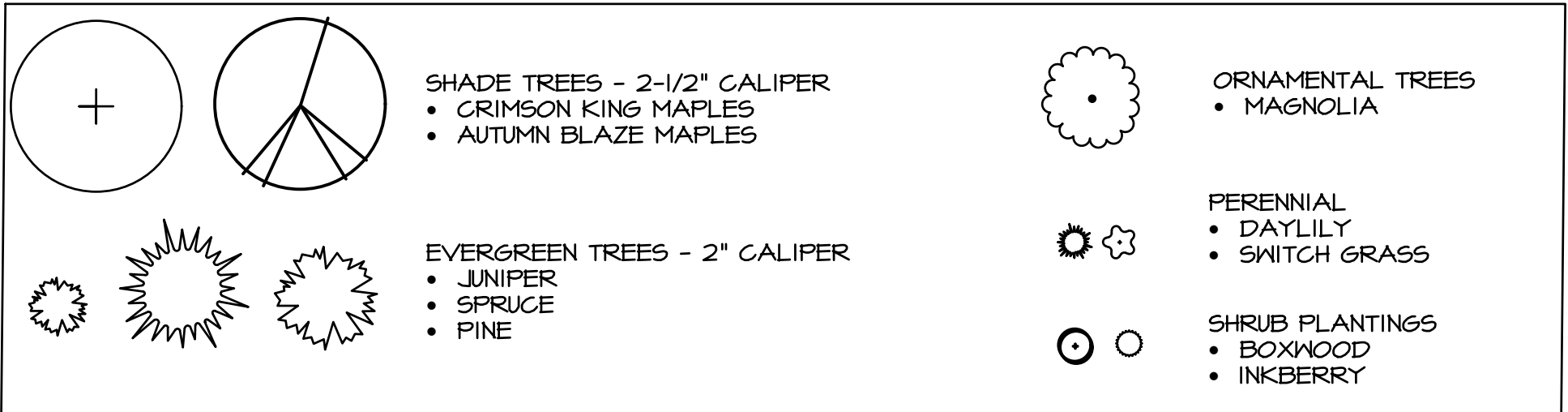
4 EVERGREEN TREE PLANTING
L-1 NOT TO SCALE



PLANT MATERIAL LIST

QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
6	AC-AB	ACER X FREEMANII 'AUTUMN BLAZE'	AUTUMN BLAZE MAPLE	2-1/2" CAL B4B	
8	AC-CK	ACER PLATANOIDES 'CRIMSON KING'	CRIMSON KING MAPLE	2-1/2" CAL B4B	
44	BU-CG	BUXUS X 'CHICAGO GREENLAND'	CHICAGO GREENLAND BOXWOOD	15"	B4B
81	HM-JM	HEMEROCALLIS 'JAMES MARSH'	JAMES MARSH DAYLILY	#2 CONT.	18" O.C.
51	I-DC	ILEX GLABRA 'DENSEA'	DENSEA COMPACT INKBERRY	15"	#5 CONT.
4	JU-S	JUNIPERUS CH. 'SPARTAN'	SPARTAN JUNIPER	4'	B4B
3	M-C	MAGNOLIA X CORAL LAKE	CORAL LAKE MAGNOLIA	10'	B4B
6	P-B	PINUS HELDREICHII V. LEUCODERMIS	BOSNIAN PINE	6'	B4B
9	PI-A	PICEA ABIES	NORWAY SPRUCE	8'	B4B
39	PV-R	PANICUM 'ROTSTRAHLBUSCH'	RED RAYS SWITCH GRASS	CLUMP	#2 CONT.

PLANT LEGEND

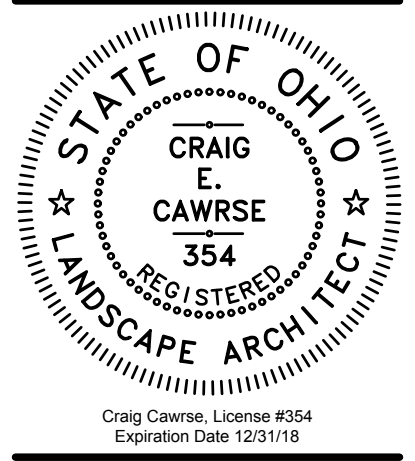


Detention Basin Seed Mix (JFNew Nursery)

Grasses/Sedges:	Scientific Name	Common Name	Oz./Acres
	Carex vulpinae	Brown fox sedge	8.00
	Echinochloa crusgalli	Barnyard grass	16.00
	Eleocharis obtusa	Blunt spike rush	2.00
	Glyceria striata	Fowl manna grass	4.00
	Juncus effusus	Common rush	4.00
	Juncus torreyi	Torrey's rush	3.00
	Leersia oryzoides	Rice cut grass	2.00
	Panicum virgatum	Prairie cord grass	12.00
	Scirpus validus creber	Great bulrush (softstem)	12.00
			63.00
Temporary Cover:	Scientific Name	Common Name	Oz./Acres
	Agrostis alba	Redtop	16.00
	Avena sativa	Seed oats	360.00
	Lotium multiflorum	Annual rye	100.00
			476.00
Forbs & Shrubs:	Scientific Name	Common Name	Oz./Acres
	Actinomeria alternifolia	Wingsstem	2.00
	Alisma subcordatum	Common water plantain	3.25
	Asclepias incarnata	Saw amp milkweed	2.50
	Bidens sp.	Bidens, various	2.00
	Cephalanthus occidentalis	Buttonbush	4.00
	Hibiscus sp.	Rosemallow, various	3.50
	Mimulus ringens	Monkey flower	3.00
	Penthorum sedoides	Ditch stonecrop	2.50
	Polygonum pennsylvanicum	Smartweed	4.00
	Sagittaria latifolia	Common arrowhead	8.00
			34.75

PARKING NOTES

- IMPERVIOUS PARKING AREA: 9,558 S.F.
- INTERIOR PARKING LOT LANDSCAPING REQUIRED: MIN 10% TOTAL PARKING AREA (OR 956 S.F.O
- INTERIOR PARKING LOT LANDSCAPING PROVIDED: 1,316 S.F. (14%)



CAWRSE & ASSOCIATES, INC.
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LANDSCAPE PLAN
Cellular Sales
Concord Township

Date	Notes
04-12-18	DRWN RDS
04-13-18	DRWN RDS
04-18-18	RV5'D RDS
05-14-18	RV5'D RDS
05-15-18	RV5'D RDS
05-16-18	RV5'D RDS
06-05-18	RV5'D RDS

Job No:18025
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