

GENERAL LANDSCAPE & PLANTING NOTES

- Plant material to be installed and maintained by a qualified and experienced landscape installer.
- All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. Stake all plant locations for review and approval by the Landscape Architect before planting. On-site adjustments may be required. Plants are to be freshly dug. Transporting of plants shall be done in a manner as to not destroy the natural shape, compromise the health, or alter the characteristics of plant materials.
- Rootballs shall meet or exceed size standards as set forth in American Standards for Nursery Stock. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
- Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant 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.
- All plant beds shall receive 3" minimum of genuine shredded hardwood bark mulch (unless otherwise noted). Apply pre-emergent herbicide as directed by the manufacturer prior to installing mulch. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or other treatment.
- The Contractor shall install and/or amend topsoil in all proposed bed areas to meet ASTM D5268 standards. Landscaper shall verify depth and quality of topsoil prior to plant installation. A minimum of 4" of topsoil is required for lawn areas; 12" for plant beds. Topsoil sources shall include the reuse of surface soil stockpiled on site, clean of roots, plants, sod, stones, clay lumps, and other extraneous or foreign materials larger than 1". Supplement with imported topsoil from off-site sources when quantities are insufficient. Do not obtain supplemental topsoil from agricultural land, bogs, or marshes. Inorganic amendments, organic amendments, and fertilizers shall be used to amend topsoil as needed for long-term plant health.
- Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to satisfaction of the Owner and Operating Authority at no additional cost.
- Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work. All workmanship and materials shall be guaranteed by the Contractor for a period of one (1) calendar year after Final Acceptance.
- Maintain all plant material for a three (3) month period from date of Substantial Completion. Maintenance shall include pruning, cultivating, watering, weeding, fertilizing, restoring plant saucers, spraying for disease and insects, and replacing tree wrappings. Recommended long-term maintenance procedures shall be provided to the Owner before expiration of this period.
- Satisfactory Seeded Lawn: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 3 by 3 inches. Reestablish lawns that do not comply with requirements and continue maintenance until lawns are fully satisfactory to the Owner.

ADJOINER:
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INST #200500013429



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**Thieneman
Construction Office
Building**

**17219 FOUNDATION
PKWY.
WESTFIELD, INDIANA**



CERTIFIED BY

ISSUANCE INDEX	
DATE:	10/31/2014
PROJECT PHASE:	DEVELOPMENT PLANS

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE

Project Number 2014.02154

PLANTING PLAN

C701

NOTE: Contractor shall protect existing trees to remain throughout construction. Refer to Tree Protection Detail on Sheet C702.

NOTE: All trees shall be planted a minimum of 4' from pavement and 10' from underground utilities.

Number	Species	Tree Type	DBH (inches)	DBH Size 2	DBH Size 3	Condition and Notes	To Remain	Credit
800-02	Silver Maple	Shade	12			good	yes	1
800-03	Silver Maple	Shade	150"			fair - 10 branches at 15" each	yes	1
800-04	Cherry	Shade	4			good	yes	1
800-05	Mulberry	Shade	12	8	15	poor - triple	yes	0
800-06	Mulberry	Shade	18	12	18	poor - triple	yes	0
800-08	Crab	Ornamental	20			poor - clump form	yes	0
800-09	Cherry	Shade	6	6		fair - double	yes	1
800-10	Cherry	Shade	4			good	yes	1
800-11	Unknown Crab	Ornamental	4			poor	yes	0
800-12	Unknown clump	Shade	6			poor	yes	0
800-13	Silver Maple	Shade	4	4		good - double	yes	1
800-17	Silver Maple	Shade	60			good - triple	yes	1
800-18	Silver Maple	Shade	36			good	yes	1
800-20	Uden	Shade	4			good	yes	1
800-21	Walnut	Shade	20			good	yes	1
800-22	Hackberry	Shade	4	4	4	triple	yes	1
800-23	Hackberry	Shade	6			good	yes	1
800-24	Linden	Shade	8			good	yes	1
800-25	Walnut	Shade	18			fruit present	yes	1
800-26	Hackberry	Shade	8			good	yes	1
800-29	Cherry	Shade	10			good	yes	1
800-30	Uden	Shade				poor	yes	0
800-31	Uden	Shade	6			good	yes	1
800-33	Hackberry	Shade				poor	yes	0
800-34	Walnut	Shade	4			too young for fruit - good	yes	1
800-35	Uden	Shade	42			good	yes	1
Total								19

LANDSCAPE ORDINANCE REQUIREMENTS
PUD - Industrial

MINIMUM LOT LANDSCAPING REQUIREMENTS:
4.44 Acres
Industrial - 5 Shade Trees, 5 Ornamental or Evergreen Trees, and 25 Shrubs per acre required
4.44 x 5 = 22 Shade Trees Required, 22 Provided (plus 4 Future Trees)
4.44 x 5 = 22 Ornamental or Evergreen Trees Required, 12 Provided plus 10 Existing Shade Trees to Remain (800-02, 800-03, 800-04, 800-09, 800-10, 800-13, 800-17, 800-18, 800-20, 800-21)
4.44 x 25 = 111 Shrubs Required, 264 Provided

FOUNDATION PLANTINGS:
Plant materials required approximately every 40' along building facades over 80' long
Plant materials required along Front Building Façade at a minimum of 1 shrub or ornamental tree / 12 LF
Northwest Façade: 150 LF / 12 LF = 13 Shrubs Required and Provided
Northeast Façade: 60 LF / 12 LF = 5 Shrubs Required and Provided
Southwest Façade: None Required per Jesse Pohlman email dated 11/25/14
North Façade: 79 LF / 12 LF = 7 Shrubs Required and Provided
North Side of Outside Storage Area: 264 LF / 40 LF = 7 Shrubs Required and Provided
East Side of Outside Storage Area: none required per PUD amendment
South Side of Outside Storage Area: none required per PUD amendment
West Side of Outside Storage Area: 94 LF / 40 LF = 3 Ornamental Trees Required and Provided

EXTERNAL STREET FRONTAGE LANDSCAPING REQUIREMENTS:
3 Shade or Evergreen Trees, 2 Ornamental Trees, and 25 Shrubs / 100 LF
Foundation Parkway: Utilities and Utility Easements along entire frontage, no trees provided
Oakridge Road: 267 LF - 93 LF Gas Easement - 20 LF Sign Easement = 154 LF
154 LF / 100 LF = 5 Shade or Evergreen Trees, 4 Ornamental Trees, and 39 Shrubs Required and Provided

BUFFER YARD REQUIREMENTS:
West: See External Street Frontage Requirements, no buffer yard required
North: Industrial, no buffer yard required
East: Industrial, no buffer yard required
South: Industrial, no buffer yard required

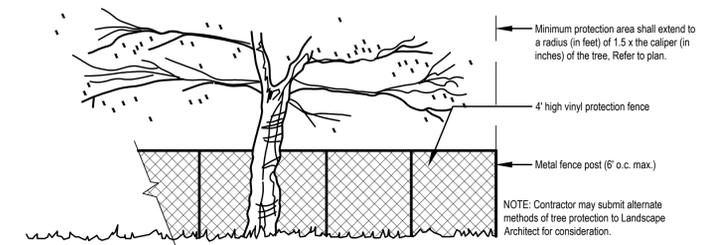
INTERIOR PARKING LOT LANDSCAPING:
21,975 SF of Parking Lot x 10% = 2,198 SF of island space required and provided
1 Tree and 4 Shrubs per parking island required
6 Trees and 24 Shrubs required, 6 Trees provided except within Gas and Utility Easements, then trees located elsewhere on site

PERIMETER PARKING LOT LANDSCAPING:
1 Tree / 30 LF Required
475 LF / 30 LF = 16 Trees Required and Provided except within Gas and Utility Easements, then trees located elsewhere on site
1 Shrub / 3 LF Required
475 LF / 3 LF = 159 Shrubs Required and Provided, clumped

CAUTION !!
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (including, but not limited to, manholes, inlets, valves, and marks made upon the ground by others) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF SAID EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.
1-800-382-5544
CALL TOLL FREE
- INDIANA UNDERGROUND -

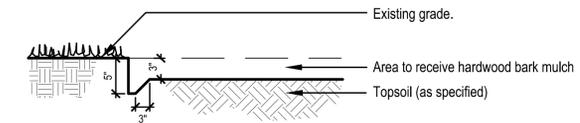
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PLANT SCHEDULE					
Symbol	Botanical Name	Common Name	Size	Container	Notes
TREES					
Ace-s	Acer saccharum 'Legacy'	Legacy Sugar Maple	2" cal., min. 8' ht	B&B	full, matched
Cer-c	Cercis canadensis	Redbud	2" cal.	B&B	multi-stemmed
Pic-g	Picea glauca 'Densata'	Black Hills Spruce	min. 6' ht.	B&B	symmetrical, full
Que-r	Quercus rubra	Red Oak	2" cal., min. 8' ht	B&B	dug in spring, symmetrical
Til-c	Tilia cordata 'Greenspire'	Greenspire Linden	2" cal., min. 8' ht	B&B	full, matched
SHRUBS					
Cle-a	Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	24"	container	space @ 3'-0" o.c.
Pot-f	Potentilla fruticosa 'Goldfinger'	Goldfinger Potentilla	24"	container	space @ 3'-0" o.c. allow to mass
Tax-x	Taxus media 'Densiformis'	Dense Spreading Yew	24"	container	space @ 3'-0" o.c. allow to mass
Vib-x	Viburnum x juddii	Judd Viburnum	30"	container	space @ 5'-0" o.c.
GROUNDCOVERS AND GRASSES					
Nep-x	Nepeta x faassenii 'Walker's Low'	Walker's Low Nepeta	#1	pot	space @ 24" o.c., triangular spacing
Pan-v	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass	#2	pot	space @ 2'-6" o.c.



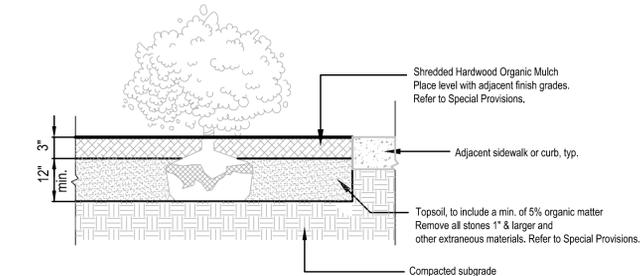
TREE PROTECTION FENCE

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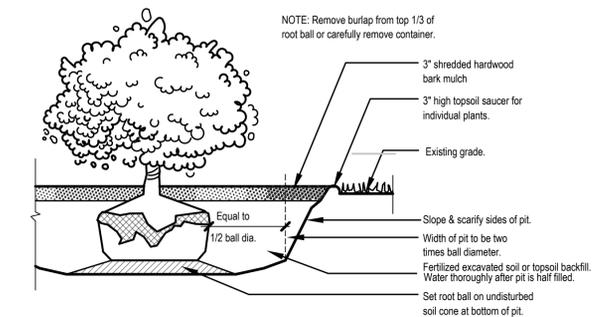
SPADE EDGE

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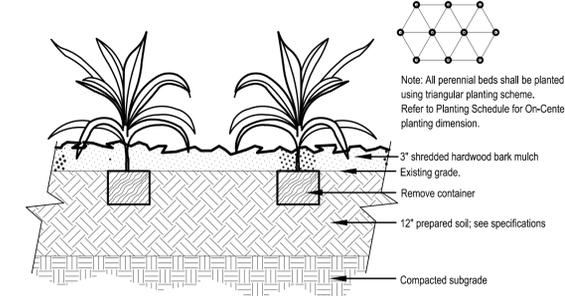
LANDSCAPE BED PREPARATION

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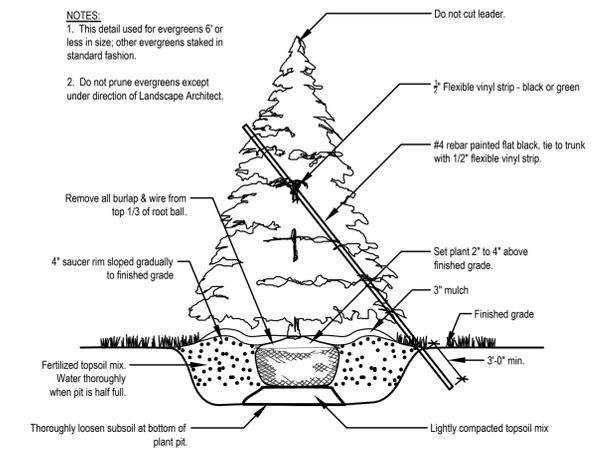
SHRUB PLANTING

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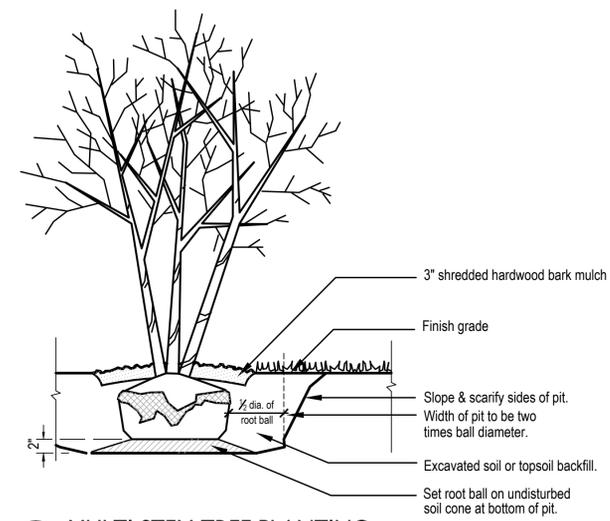
PERENNIAL PLANTING

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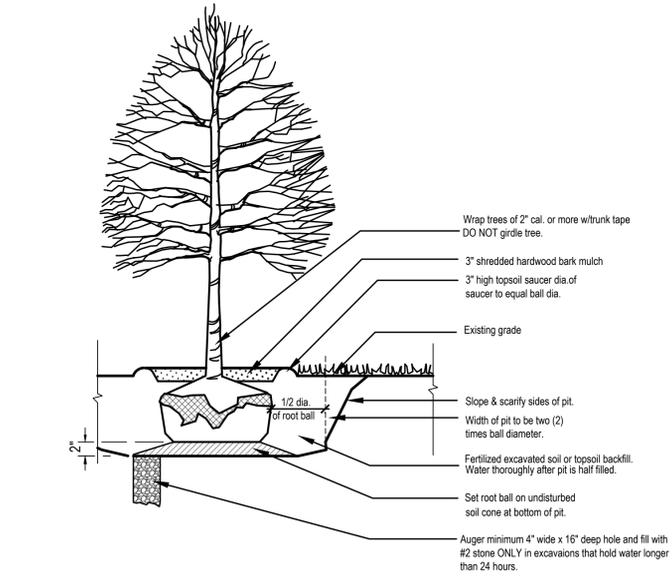
EVERGREEN TREE PLANTING

Not to Scale



MULTI-STEM TREE PLANTING

Not to Scale



TREE PLANTING

Not to Scale

NOTES:
1. This detail used for evergreens 6' or less in size; other evergreens staked in standard fashion.
2. Do not prune evergreens except under direction of Landscape Architect.

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Thieneman Construction Office Building

17219 FOUNDATION PKWY. WESTFIELD, INDIANA



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PLANTING DETAILS

C702

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