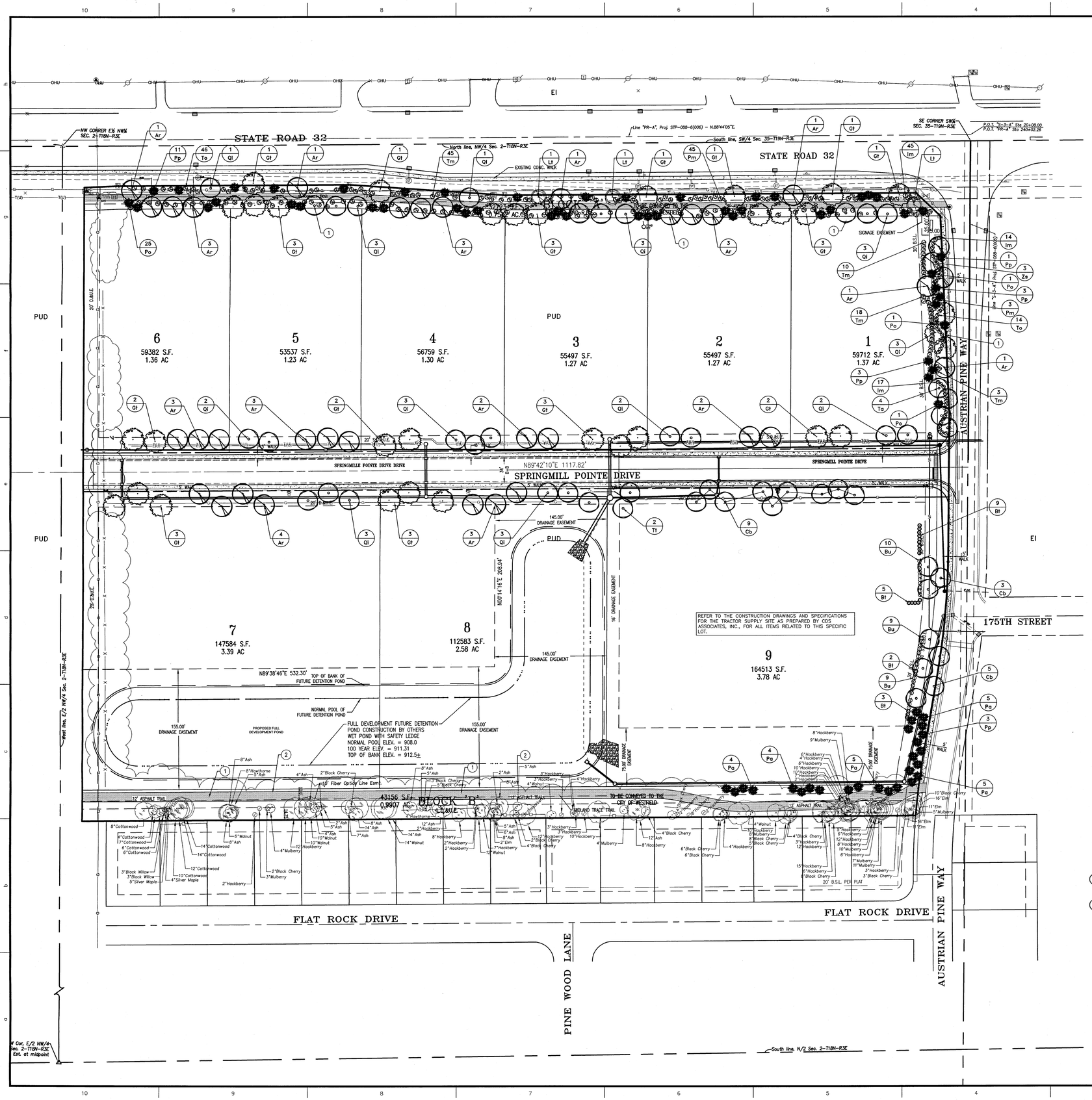


GENERAL NOTES

1. IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTION, CONTACT THE LANDSCAPE DESIGNER.
2. ALL SHRUBS PLANTING AREAS TO BE COVERED WITH 4" THICK LAYER OF SHREDDED HARDWOOD BARK MULCH. ALL GROUND COVER BEDS SHALL BE COVERED WITH 1" SHREDDED HARDWOOD BARK MULCH. BARK MULCH SHALL BE APPROVED BY LANDSCAPE DESIGNER AND SHALL BE UNIFORM IN TEXTURE AND COLOR AND SHALL BE OBTAINED FROM SAWMILL OR LUMBERING OPERATIONS. NO UTILITY MULCH OR PROCESSED TREE TRIMMINGS WILL BE ALLOWED.
3. AN APPROVED PRE-EMERGENT HERBICIDE SHALL BE APPLIED IN ALL PLANTING AND GROUND COVER BEDS AT RATES SPECIFIED BY MANUFACTURER FOR EACH VARIETY OF PLANT.
4. FINAL PLACEMENT OF PLANT MATERIALS, ETC. SHALL BE APPROVED BY LANDSCAPE DESIGNER BEFORE PLANTING OPERATIONS ARE TO PROCEED. ALL TREE LOCATIONS SHALL BE MARKED WITH A WOODED STAKE INDICATING VARIETY AND SIZE OF TREE. ALL GROUND COVER AND MULCH BED LINES SHALL BE MARKED BY A HIGHLY VISIBLE PAINT LINE WITH OCCASIONAL WOOD STAKES FOR REFERENCE. ALL STAKES SHALL BE REMOVED FOLLOWING PLANTINGS OPERATIONS. LANDSCAPE DESIGNER RESERVES THE RIGHT TO ADJUST PLANT LOCATIONS ON SITE.
5. NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED. IF PLANTS ARE SHOWN TO BE UNAVAILABLE, THE CONTRACTOR SHALL NOTIFY LANDSCAPE DESIGNER PRIOR TO BID DATE IN WRITING. ALL PLANTS SHALL BE INSPECTED AND TAGGED WITH PROJECT IDENTIFICATION AT NURSERY OR CONTRACTORS OPERATION PRIOR TO MOVING TO JOB SITE. PLANTS MAY ALSO BE INSPECTED AND APPROVED OR REJECTED ON THE JOB SITE.
6. ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, LATEST EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
7. 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 OWNER.
8. ALL NEW LANDSCAPE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING FINAL INSPECTION BY LANDSCAPE DESIGNER. AT THE END OF THIS PERIOD, PLANT MATERIAL TERMED DEAD OR UNSATISFACTORY BY LANDSCAPE DESIGNER SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE LANDSCAPE CONTRACTOR.
9. THE LANDSCAPE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES THAT MAY BE REQUIRED FOR HIS PORTION OF WORK.
10. PEAT MOSS TO BE USED ON PROJECT SHALL BE A DOMESTIC OR IMPORTED MATERIAL, CHOCOLATE BROWN IN COLOR AND COMPOSED OF PARTIALLY DECOMPOSED VEGETABLE MATERIAL. PEAT MOSS TO ALSO BE MILDLY ACIDIC IN CHARACTER AND SHALL MEET APPROVAL OF LANDSCAPE DESIGNER.
11. LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE DESIGNER IN WRITING PRIOR TO BID DATE OF ANY PLANTS THAT HE FEELS MAY NOT SURVIVE IN LOCATIONS NOTED.
12. ALL LANDSCAPING PLANTINGS TO BE MAINTAINED FOR 1 YEAR FOLLOWING TURNOVER. MAINTENANCE TO INCLUDE WATERING, WEEDING, CULTIVATION, MULCHING, MOWING AND ALL OTHER NECESSARY OPERATIONS REQUIRED FOR PROPER ESTABLISHMENT OF PLANTINGS. NOTE: AT END OF MAINTENANCE PERIOD, CONTRACTOR TO REMOVE GUYING AND STAKING FROM TREES.
13. CONTRACTOR TO SUBMIT UNIT PRICES ON EVERY TYPE OF WORK AS REQUESTED BY LANDSCAPE DESIGNER.
14. BACKFILL FOR TREE AND SHRUB PLANTING SHALL BE 75% APPROVED TOPSOIL AND 25% APPROVED PEAT MOSS. TOP LAYER OF BACKFILL SHALL BE 100% EXISTING TOPSOIL. A 5-10-5 ANALYSIS SLOW RELEASE FERTILIZER SHALL BE INCORPORATED INTO BACKFILL AT APPROVED RATES.
15. PROVIDE MINIMUM 4" PLANTING SOIL IN ALL GROUND COVER AND FLOWER AREAS WITH MIXTURE COMPRISING OF ONE PART COMMERCIAL GRADE 'POTTING SOIL,' 5 PARTS TOPSOIL AND 4 PARTS PEAT MOSS. A FULL 4" LAYER OF APPROVED SHREDDED FIBROUS PEAT MOSS MAY BE USED IN LIEU OF PLANTING MIX.
16. PLANTS SHALL BEAR A TAG SHOWING GENUS, SPECIES AND VARIETY.
17. PLANTS SHALL BE CERTIFIED BY THE STATE OF INDIANA DEPARTMENT OF NATURAL RESOURCES AND FREE FROM DISEASE OR HAZARDOUS INSECTS.
18. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING UTILITIES PERTAINING TO THEIR PHASE OF WORK. UTILITIES ARE SHOWN TO BE APPROXIMATE. CALL UTILITY LOCATE PRIOR TO ANY PLACEMENT OF PLANT MATERIAL OR OTHER LANDSCAPE MATERIAL.

LANDSCAPE RECOMMENDATIONS

REQUIREMENT:	REQUIRED:	PROVIDED:
SECTION 16.06.050: LANDSCAPING - IN NON-RESIDENTIAL DEVELOPMENTS WHERE PROPERTY ABUTS ANY PUBLIC RIGHT-OF-WAY, AT LEAST ONE SHADE TREE PER FORTY (40) LINEAR FEET OF ROAD FRONTAGE SHALL BE PLANTED ADJACENT TO ROAD RIGHTS-OF-WAY. TREES PLANTED ALONG ROAD FRONTAGE IN NON-RESIDENTIAL DEVELOPMENTS MAY BE CREDITED TOWARD OVERALL ON-SITE LANDSCAPING REQUIREMENTS SET FORTH IN TABLE 16.06.050-01.	SR 32 (1056 LF): - 26.4 DEC. TREES AUSTRIAN PINE WAY (300 LF): - 10 DEC. TREES INTERNAL DRIVE E/W (1130 LF): - 28.25 DEC. TREES INTERNAL DRIVE N/S (418 LF): - 10.45 DEC. TREES	- 27 DEC. TREES - 10 DEC. TREES - 29 DEC. TREES - 11 DEC. TREES
SECTION 16.06.060: LANDSCAPING - WITHIN BUFFER YARDS, AT LEAST ONE (1) EVERGREEN TREE PER THIRTY (30) LINEAR FEET AND FIVE (5) EVERGREEN SHRUBS PER THIRTY (30) LINEAR FEET SHALL BE PLANTED. SUCH PLANTINGS SHOULD BE ARRANGED IN A MANNER THAT CREATES A VISUAL BARRIER BETWEEN USES WITHOUT PRECLUDING CONNECTIVITY BETWEEN USES. IN ORDER TO CREATE A MORE EFFECTIVE BUFFER, THE PLAN COMMISSION MAY APPROVE EVERGREEN TREES TO BE SUBSTITUTED IN LIEU OF EVERGREEN SHRUBBERY ON A 1:3 BASIS (TREE:SHRUB). UP TO 60% OF SHRUBBERY MAY BE SUBSTITUTED FOR TREES.	AUSTRIAN PINE WAY (15' x 300 LF): - 10 EVG. TREES - 50 EVG. SHRUBS REAR PROPERTY LINE (40' WIDE x 694 LF): - 23.1 EVG. TREES - 115.5 EVG. SHRUBS	- 10 EVG. TREES - 51 EVG. SHRUBS - 27 EVG. TREES - 116 EVG. SHRUBS

PLANT SCHEDULE

PLANT KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	ROOT CONDITION B & B	BARE ROOT	ON CENTER SPACING	SPECIAL INSTRUCTIONS
	CANOPY DECIDUOUS TREES							
Ar	ACER RUBRUM 'OCTOBER GLORY'	OCTOBER GLORY RED MAPLE	2"	35	X		SEE PLAN	X
Cb	CARPINUS BETULUS	EUROPEAN HORNBEAM	2"	17	X		SEE PLAN	X
Gt	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE' PP1619	SKYLINE HONEYLOCUST	2"	30	X		SEE PLAN	X
Lt	LIRIODENDRON TULIPIFERA	TULIP TREE	2"	3	X		SEE PLAN	X
Qi	QUERCUS IMBRICARIA	SHINGLE OAK	2"	29	X		SEE PLAN	X
Ta	TILIA AMERICANA	AMERICAN LINDEN	2"	4	X		SEE PLAN	X
Tt	TILIA TOMENTOSA	SILVER LINDEN	2"	2	X		SEE PLAN	X
Zs	ZELKOVA SERRATA	JAPANESE ZELKOVA	2"	3	X		SEE PLAN	X
	EVERGREEN TREES							
Pa	PICEA ABIES	NORWAY SPRUCE	6'	23	X		SEE PLAN	X
Po	PICEA OMORIKA	SERBIAN SPRUCE	6'	28	X		SEE PLAN	X
Pp	PICEA PUNGENS GLAUCA	COLORADO BLUE SPRUCE	6'	21	X		SEE PLAN	X
	EVERGREEN SHRUBS							
Bt	BERBERIS T. 'ROSE GLOW'	ROSE GLOW BARBERRY	18"	19		X	SEE PLAN	MIN 18"
Bu	BUXUS X 'GREEN VELVET	GREEN VELVET BOXWOOD	18"	28	X		SEE PLAN	MIN 18"
Im	ILEX X MESERVEAE	MESERVEAE HOLLY	18"	76		X	SEE PLAN	MIN 18"
Pm	PINUS MUGO	MUGO PINE	18"	48		X	SEE PLAN	MIN 18"
Tm	TAXUS X MEDIA	ANGLO-JAPANESE YEW	18"	76		X	SEE PLAN	MIN 18"
To	THUJA OCCIDENTALIS "WOODWARDI"	GLOBE ARBORVITAE	18"	60		X	SEE PLAN	MIN 18"

LANDSCAPE PLAN NOTES

1. ALL LANDSCAPING SHOWN IS FOR THE FULL BUILDOUT OF THE SITE, EXCLUDING THE LANDSCAPE REQUIREMENTS FOR THE INDIVIDUAL LOTS. THE LANDSCAPE SHOWN WILL BE INSTALLED DURING THE FULL BUILD OUT OF THE SITE.
2. THE EXISTING TREELINE IS TO REMAIN AND COUNT TOWARDS THE REQUIRED REAR BUFFERYARD ALONG SOUTH SIDE OF THE PROJECT.

LANSCAPE PLAN NOTE EXPLANATON

3 Ar — # Plants / Plan Key

-NOTE-

ANY EXISTING TREE(S) THAT MAY REQUIRE REMOVAL BUT ARE NOT SHOWN ON THE PLAN AS BEING REMOVED MAY BE DONE SO, AS LONG AS THE TREE(S) ARE RELOCATED TO AN APPROVED ALTERNATIVE LOCATION ON SITE.

SCALE: 1" = 60'
0 30 60 120

Know what's below. Call before you dig.
Within Indiana Call 811 or 800-382-5544
24 Hours a Day, 7 Days a Week.
PER INDIANA STATE LAW IC 8-1-26, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture
10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

REVISIONS AND ISSUES

	DATE	BY
ISSUED FOR CITY SUBMITTAL	08.22.2013	BJS
REVISED PER TAC COMMENTS	11.18.2013	RW
REVISIONS PER CITY REVIEW COMMENTS	01.14.2014	RAM

PROJECT NO.: W13.0243
DWG NAME: L101 LANDSCAPE PLAN.dwg
DESIGNED BY: RAM/BJS
DRAWN BY: RAM/BJS
CHECKED BY: RAM/BJS
DATE: 01.14.2014

ROBERT A. MEZYKOWSKI — REGISTERED — No.80050080 — STATE OF INDIANA — LANDSCAPE ARCHITECT
01/14
ROBERT A. MEZYKOWSKI LA.80050080

PREPARED FOR:

SPRINGMILL POINTE

SOUTHWEST CORNER OF STATE ROAD 32 AND AUSTRIAN PINE WAY

LANDSCAPE PLAN

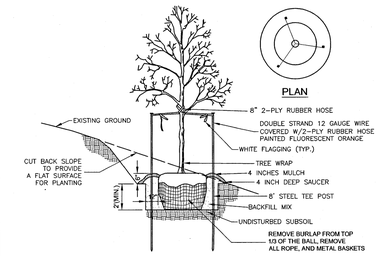
Part of the NW¼ of Section 2, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO.
L101
PROJECT NO.
W13.0243

LOCATION: I:\2013\W13024301\Engineering\Design\Constr\130243-L101.dwg
LAYOUT: L101
DATE/TIME: February 11, 2014 - 9:57am
PLOTTED BY: mstyskowski

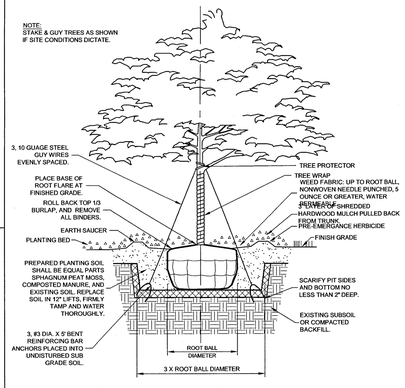
Existing Tree Inventory Along Midland Trail at South End of Project

Tree #	Feet West of Austrian Pine Way	Feet north of South boundary	Diameter of tree (inches)	Common Name	Diameter of credit (inches)
1	8	4	5	Mulberry	5
2	12	12	10	Black Cherry	20
3	12	10	16	Elm	32
4	17	9	11	Elm	22
5	16	8	16	Elm	32
6	17	7	11	Elm	22
7	22	7	3	Black Cherry	3
8	33	7	3	Hackberry	0
9	54	9	11	Mulberry	22
10	57	8	7	Mulberry	7
11	57	9	10	Mulberry	20
12	59	8	8	Hackberry	0
13	59	7	6	Hackberry	0
14	62	4	12	Hackberry	0
15	63	6	6	Hackberry	0
16	64	8	5	Hackberry	0
17	64	12	3	Hackberry	0
18	77	12	5	Black Cherry	5
19	78	11	7	Black Cherry	7
20	94	5	8	Hackberry	0
21	95	5	9	Mulberry	18
22	95	12	4	Hackberry	0
23	96	6	6	Hackberry	0
24	96	7	10	Hackberry	0
25	97	6	6	Hackberry	0
26	97	6	10	Hackberry	0
27	98	6	7	Hackberry	0
28	101	1	2	Hackberry	0
29	116	1	8	Black Cherry	16
30	122	1	6	Hackberry	0
31	128	5	15	Hackberry	0
32	129	5	12	Hackberry	0
33	129	2	2	Hackberry	0
34	131	1	3	Hackberry	0
35	170	2	4	Black Cherry	4
36	171	2	5	Black Cherry	5
37	176	1	8	Black Cherry	16
38	190	4	8	Mulberry	16
39	223	2	4	Walnut	4
40	238	3	10	Hackberry	0
41	256	2	4	Hackberry	0
42	262	2	6	Black Cherry	6
43	263	2	6	Black Cherry	6
44	283	4	2	Hackberry	0
45	302	1	8	Hackberry	0
46	317	2	2	Hackberry	0
47	324	1	4	Black Cherry	4
48	358	6	4	Black Cherry	4
49	368	8	12	Ash	0
50	370	8	8	Hackberry	0
51	386	8	4	Mulberry	4
52	419	5	10	Hackberry	0
53	438	3	3	Hackberry	0
54	449	3	3	Hackberry	0
55	450	4	4	Hackberry	0
56	452	5	3	Hackberry	0
57	467	1	3	Hackberry	0
58	480	1	4	Walnut	4
59	515	2	12	Hackberry	0
60	516	1	12	Hackberry	0
61	524	12	5	Ash	0
62	524	2	2	Black Cherry	2
63	528	2	4	Black Cherry	4
64	548	12	8	Ash	0
65	550	12	2	Ash	0
66	554	1	5	Ash	0
67	554	2	6	Ash	0
68	555	6	8	Ash	0
69	555	7	2	Elm	2
70	570	7	7	Hackberry	0
71	575	9	12	Walnut	24
72	577	8	2	Hackberry	0
73	578	11	2	Hackberry	0
74	600	1	8	Hackberry	0
75	621	11	2	Hackberry	0
76	623	12	12	Ash	0
77	628	9	4	Hawthorne	4
78	641	12	5	Black Cherry	5
79	644	12	3	Black Cherry	3
80	648	12	5	Ash	0
81	663	10	8	Ash	0
82	695	10	14	Ash	0
83	699	10	14	Walnut	28
84	732	10	14	Ash	0
85	733	2	8	Ash	0
86	739	10	2	Black Cherry	2
87	743	12	7	Ash	0
88	775	12	2	Ash	0
89	780	12	5	Ash	0
90	786	10	4	Ash	0
91	792	11	10	Walnut	20
92	793	14	4	Ash	0
93	798	10	10	Walnut	20
94	811	10	12	Hackberry	0
95	843	10	4	Mulberry	4
96	847	10	2	Black Cherry	2
97	857	10	3	Mulberry	3
98	863	2	2	Hackberry	0
99	893	6	5	Ash	0
100	896	1	6	Walnut	6
101	897	4	8	Hawthorne	16
102	898	4	8	Ash	0
103	899	4	8	Ash	0
104	957	10	14	Cottonwood	0
105	959	11	14	Cottonwood	0
106	963	8	12	Cottonwood	0
107	966	8	10	Cottonwood	0
108	975	8	4	Silver Maple	0
109	976	7	5	Silver Maple	0
110	978	8	4	Elm	4
111	978	6	3	Black Willow	3
112	980	9	3	Black Willow	3
113	981	6	6	Cottonwood	0
114	985	5	6	Cottonwood	0
115	992	6	7	Cottonwood	0
116	995	7	4	Cottonwood	0
117	1007	7	8	Cottonwood	0
			Total Diameter Credit (inches)		459

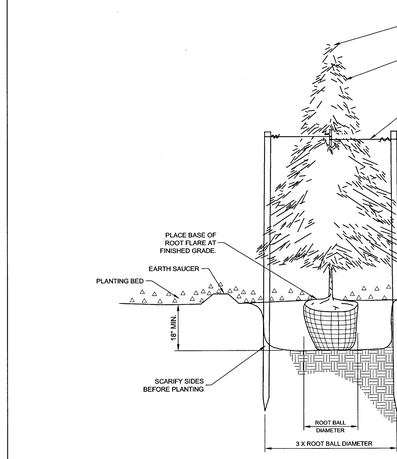


NOTES:
- SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.
- TOP OF ROOT BALL TO BE SET 4" HIGHER THAN ADJACENT EARTH GRADE.

TREE PLANTING ON SLOPE
(NO SCALE)

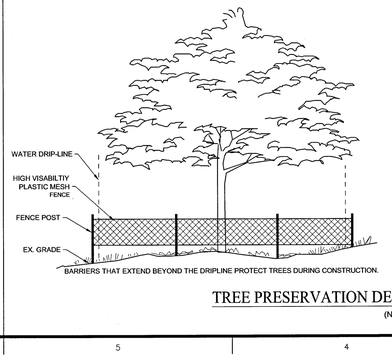


SHADE TREE PLANTING DETAIL
(NO SCALE)



EVERGREEN PLANTING & STAKING
(NO SCALE)

SHRUB & SMALL TREE PLANTING DETAIL
(NO SCALE)



TREE PRESERVATION DETAIL
(NO SCALE)

NOTE: AVOIDING DAMAGE DURING CONSTRUCTION

THE SUREST WAY TO PROTECT TREES THAT ARE TO BE SAVED IS TO:
1. WORK WITH THE BUILDER TO LOCATE AND MARK WITH FLAGGING AND/OR SIGNS ALL CONSTRUCTION ROADS, PARKING PLACES FOR WORKERS, AND AREAS FOR STORAGE OF BUILDING MATERIALS, GRAVEL AND SOIL.
2. WORK WITH THE UTILITY CONTRACTORS TO STAKE OUT THE EXACT LOCATION OF TRENCHES.
3. ERECT PHYSICAL BARRIERS AROUND ALL "SAVED" TREES OR, BETTER YET, AROUND GROUPS OF TREES, NEAR THE CONSTRUCTION ACTIVITY.
4. EXTEND BARRIERS AS FAR AS POSSIBLE BEYOND DRIPLINE.

10505 N. College Avenue
Indianapolis, Indiana 46280
weihe.net
317 | 846 - 6611
800 | 452 - 6408
317 | 843 - 0546 fax
ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

REVISIONS AND ISSUES	DATE	BY
ISSUED FOR CITY SUBMITTAL	08.22.2013	BJS
REVISED PER CITY COMMENTS	01.09.2014	RW
REVISIONS PER CITY COMMENTS	01.14.2014	RAM

PROJECT NO: W13.0243
DWG NAME: W13.0243-L201.dwg
DESIGNED BY: RAM/BJS
DRAWN BY: RAM/BJS
CHECKED BY: BJS
DATE: 01.14.2014

ROBERT A. MEZYKOWSKI
REGISTERED
No.80050080
STATE OF INDIANA
LANDSCAPE ARCHITECT
1/15/14

ROBERT A. MEZYKOWSKI LA.80050080

PREPARED FOR:

SPRINGMILL POINTE

SOUTHWEST CORNER OF STATE ROAD 32 AND AUSTRIAN PINE WAY

LANDSCAPE DETAILS

Part of the NW/4 of Section 2, Township 18 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO.
L201

PROJECT NO.
W13.0243

LOCATION: J:\2013\W13.0243\Engineering\Design\Lconst\13.0243-L101.dwg
LAYOUT: L201
DATE/TIME: February 13, 2014 - 2:17pm
PLOTTED BY: Kahrs