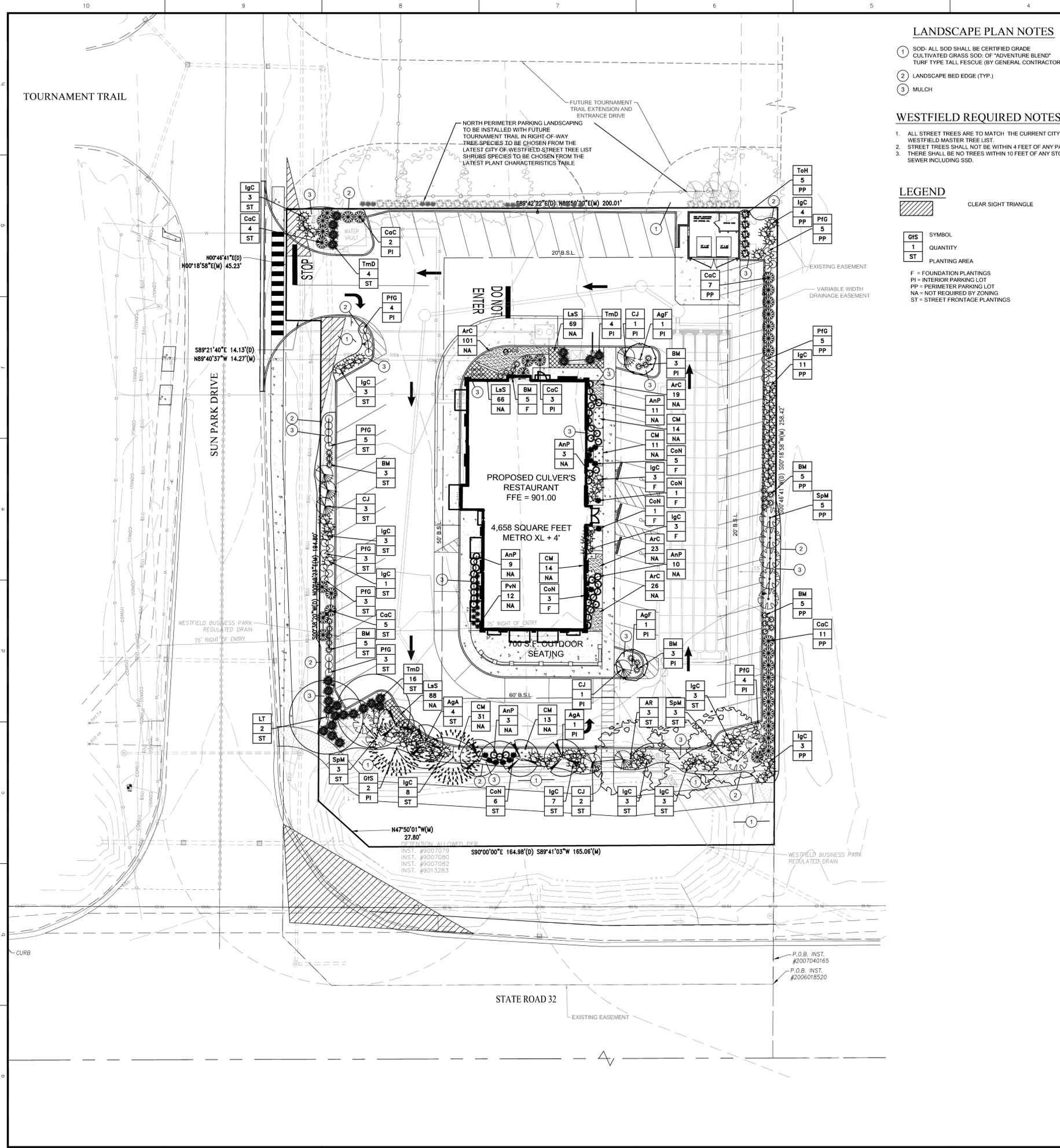


LOCATION: W15.0316 Engineering\Design\Concept\W150316-L101 Landscape.dwg
 DATE/TIME: January 28, 2016 - 2:49pm
 PLOTTED BY: schubert



LANDSCAPE PLAN NOTES

- SOD- ALL SOD SHALL BE CERTIFIED GRADE CULTIVATED GRASS SOD OF "ADVENTURE BLEND" TURF TYPE TALL FESCUE (BY GENERAL CONTRACTOR)
- LANDSCAPE BED EDGE (TYP.)
- MULCH

WESTFIELD REQUIRED NOTES

- ALL STREET TREES ARE TO MATCH THE CURRENT CITY OF WESTFIELD MASTER TREE LIST.
- STREET TREES SHALL NOT BE WITHIN 4 FEET OF ANY PAVEMENT.
- THERE SHALL BE NO TREES WITHIN 10 FEET OF ANY STORM SEWER INCLUDING SSD.

LEGEND

☐ CLEAR SIGHT TRIANGLE

GIS QUANTITY

ST PLANTING AREA

F = FOUNDATION PLANTINGS
 PI = INTERIOR PARKING LOT
 PP = PERIMETER PARKING LOT
 NA = NOT REQUIRED BY ZONING
 ST = STREET FRONTAGE PLANTINGS

GENERAL NOTES

- IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTION, CONTACT THE LANDSCAPE DESIGNER.
- ALL SHRUBS PLANTING AREAS TO BE COVERED WITH 4" THICK LAYER OF SHREDED HARDWOOD BARK MULCH. ALL GROUND COVER BEDS SHALL BE COVERED WITH 1" SHREDED 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.
- 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.
- 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 WOODEN 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 PLANTING OPERATIONS. LANDSCAPE DESIGNER RESERVES THE RIGHT TO ADJUST PLANT LOCATIONS ON SITE.
- 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.
- ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, LATEST EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
- PLANTS AND ALL OTHER MATERIALS TO BE STORED ON SITE WILL NOT CONFLICT WITH CONSTRUCTION OPERATIONS AND AS DIRECTED BY OWNER.
- 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 TERMINED DEAD OR UNSATISFACTORY BY LANDSCAPE DESIGNER SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE LANDSCAPE CONTRACTOR.
- THE LANDSCAPE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES THAT MAY BE REQUIRED FOR HIS PORTION OF WORK.
- 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.
- LANDSCAPE CONTRACTOR SHALL NOTIFY LANDSCAPE DESIGNER IN WRITING PRIOR TO BID DATE OF ANY PLANTS THAT THE FEELS MAY NOT SURVIVE IN LOCATIONS NOTED.
- 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.
- CONTRACTOR TO SUBMIT UNIT PRICES ON EVERY TYPE OF WORK AS REQUESTED BY LANDSCAPE DESIGNER.
- BAGFILL FOR TREE AND SHRUB PLANTING SHALL BE 75% APPROVED TOPSOIL AND 25% APPROVED PEAT MOSS. TOP LAYER OF BAGFILL SHALL BE 100% EXISTING TOPSOIL. A 5-10-5 ANALYSIS SLOW RELEASE FERTILIZER SHALL BE INCORPORATED INTO BAGFILL AT APPROVED RATES.
- 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 SHREDED FIBROUS PEAT MOSS MAY BE USED IN LIEU OF PLANTING MIX.
- PLANTS SHALL BEAR A TAG SHOWING GENUS, SPECIES AND VARIETY.
- PLANTS SHALL BE CERTIFIED BY THE STATE OF INDIANA DEPARTMENT OF NATURAL RESOURCES AND FREE FROM DISEASE OR HAZARDOUS INSECTS.
- 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.
- CONTRACTOR TO REVIEW AND VERIFY ALL STABILIZATION REQUIREMENTS AS SHOWN IN THE SWPPP PORTION OF THE CONSTRUCTION PLANS.

PLANT SCHEDULE										
PLAN KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	ROOT CONDITION	CENTER SPACING	SPECIAL INSTRUCTIONS	MATURE SIZE		
CANOPY DECIDUOUS TREES										
AR	ACER RUBRUM	RED MAPLE	2 1/2"	3	X		SEE PLAN	X	50T x 40W	
GIS	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE HONEYLOCUST	2 1/2"	2	X		SEE PLAN	X	40T x 30W	
LT	LIRIODENDRON TULIPIFERA	TULIP TREE	2 1/2"	2	X		SEE PLAN	X	70T x 40W	
ORNAMENTAL UNDERSTORY TREES										
AgF	ACER GINNALA 'FLAME'	AMUR MAPLE	1 1/2"	2	X		SEE PLAN	MULTI BRANCH	17T x 17W	
AgA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	1 1/2"	5	X		SEE PLAN	X	20T x 20W	
DECIDUOUS SHRUBS										
CaC	CLETHRA ALNIFOLIA 'CRYSTALINA'	SUGARTINA SUMMERSWEET	#3	32			X	SEE PLAN	MIN 18"	5T x 5W
CJ	CALLICARPA JAPONICA	JAPANESE BEAUTYBERRY	#3	7			X	SEE PLAN	MIN 18"	7T x 7W
PIG	POTENTILLA FRUTICOSA 'GOLDFINGER'	GOLDFINGER POTENTILLA	#2	32			X	SEE PLAN	MIN 18"	3T x 3W
SpM	SYRINGA PATULA 'MISS KIM'	MISS KIM LILAC	#2	11			X	SEE PLAN	MIN 18"	8T x 8W
EVERGREEN SHRUBS										
BM	BUXUS MICROPHYLLA	LITTLELEAF BOXWOOD	18"	29	X		SEE PLAN	MIN 18"	3T x 3W	
CoN	CHAMAECYPARIS OBUSA 'NANA'	HINKI CYPRESS	18"	16	X		SEE PLAN	MIN 18"	2.5T x 2.5W	
IgC	ILEX GLABRA 'COMPACTA'	COMPACT HOLLY	18"	58	X		SEE PLAN	MIN 18"	3T x 5W	
TmD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	18"	24	X		SEE PLAN	MIN 18"	3.5T x 5W	
ToH	THUJA OCCIDENTALIS 'HOLMSTRUP'	HOLMSTRUP ARBORVITAE	18"	5	X		SEE PLAN	MIN 18"	5T x 4W	
ORNAMENTAL GRASSES										
LS	LIRIOPE SPICATA 'SILVER DRAGON'	SILVER DRAGON LILYTURF	#1	223			X	12" OC	X	1T x 1W
PvN	PANICUM VIRGATUM 'NORTHWIND'	NORTHWIND SWITCHGRASS	#1	12			X	SEE PLAN	X	5T x 2W
PERENNIALS										
AR	AJUGA REPTANS 'CHOCOLATE CHIP'	BUGLEWEED	2.75" SQUARES	169			X	16" OC	X	4T x 16W
AnP	ASTER NOVI-ANGIAE 'PURPLE DOME'	PURPLE DOME NEW ENGLAND ASTER	#1	36			X	2.5' OC	X	2T x 3W
CM	COREOPSIS 'MOONBEAM'	MOONBEAM TICKSEED	#1	83			X	18" OC	X	18T x 2W

LANDSCAPE ORDINANCE REQUIREMENTS

MUNICIPALITY REQUIREMENTS	REQUIRED	PROVIDED
CHAPTER 5.3. SR 32 OVERLAY - 30' WIDE TRAIL CORRIDOR ALONG SR 32 - 3 SHADE TREES AND 1 ORNAMENTAL TREE PER 100 LINEAR FEET - LANDSCAPING SHALL BE COUNTED TOWARD MEETING LANDSCAPING STANDARDS AS IF THE TRAIL CORRIDOR WERE PART OF THE ADJACENT LOT BEING DEVELOPED.	(165' ±) - 5 SHADE TREES - 2 ORNAMENTAL TREES	- 5 SHADE TREES - 2 ORNAMENTAL TREES
CHAPTER 6.8 K. LOT LANDSCAPING REQUIREMENTS - 10 SHADE TREES, 10 ORNAMENTAL OR EVERGREEN TREES, AND 25 SHRUBS PER ACRE. - ALL OTHER REQUIRED PLANTINGS FOR THIS LOT MAY BE COUNTED TOWARD THE LOT LANDSCAPING REQUIREMENT.	(1.11 AC ±) - 11 SHADE TREES - 11 ORNAMENTAL OR EVERGREEN TREES - 25 SHRUBS	- 11 SHADE TREES (INCLUDES FUTURE PLANTINGS ALONG TOURNAMENT TRAIL) - 7 ORNAMENTAL TREES (REDUCED PER PUD) - 25 SHRUBS
CHAPTER 6.8 L. FOUNDATION PLANTINGS - 1 SHRUB OR ORNAMENTAL TREE PER 12 LINEAL FEET ALONG FRONT BUILDING FACADE. - PLANTINGS REQUIRED INTERMITTENTLY AGAINST EXPANSES OVER 80' OF BUILDING FACADES OR FENCES. - MUST BE PLANTED WITHIN 15' OF BUILDING FACADE AND PLANTED IN BEDS AT LEAST 8" IN WIDTH.	(144' ±) - 12 SHRUBS OR ORNAMENTAL TREES	- 21 SHRUBS
CHAPTER 6.8 M. EXTERNAL STREET FRONTAGE - 3 SHADE OR EVERGREEN TREES, 2 ORNAMENTAL TREES, AND 25 SHRUBS PER 100 LINEAR FEET - MAY BE CREDITED TOWARD PARKING AREA LANDSCAPING IF PARKING AREA LANDSCAPING IS WITHIN 20' OF THE RIGHT-OF-WAY.	SUN PARK DR. (240' ±) - 7 SHADE OR EVERGREEN TREES - 60 SHRUBS SR 32 (165' ±) - 5 SHADE OR EVERGREEN TREES - 3 ORNAMENTAL TREES - 41 SHRUBS	SUN PARK DR. - NO TREES PER PUD - 60 SHRUBS SR 32 - 3 SHADE TREES - 4 ORNAMENTAL TREES - 42 SHRUBS
CHAPTER 6.8 O. PARKING AREA LANDSCAPING - INTERIOR (PER PUD) - 900 SQUARE FEET OF PARKING SURFACE AREA TO BE LANDSCAPED ISLANDS - ISLANDS TO BE A MINIMUM OF 120 SF AND 7' IN WIDTH - AN AGGREGATE OF 5 TREES AND 20 SHRUBS MUST BE PLANTED - PERIMETER (PER PUD) - APPLIES ONLY WHEN A PARKING LOT IS LOCATED WITHIN AN ESTABLISHED YARD OR IS WITHIN 20' OF A LOT LINE OR RIGHT-OF-WAY LINE - 1 TREE PER 30' LINEAR FEET - 1 SHRUB PER 3' LINEAR FEET - REQUIRED PLANTINGS ALONG THE NORTH PROPERTY LINE ARE NOT TO BE INSTALLED UNTIL THE TOURNAMENT TRAIL EXTENSION IS CONSTRUCTED.	INTERIOR (29,542 SF ±) - 2,788 SF ISLANDS REQUIRED - 1 TREE & 4 SHRUBS PER ISLAND FRONTAGE PERIMETER (135' ±) - 5 TREES - 45 SHRUBS EAST PERIMETER (199' ±) - 7 TREES - 66 SHRUBS NORTH PERIMETER (118' ±) - 4 TREES - 39 SHRUBS	INTERIOR - 914 SF ISLANDS - 5 TREES - 25 SHRUBS FRONTAGE PERIMETER - MET BY EXTERNAL STREET FRONTAGE PLANTINGS EAST PERIMETER - NO TREES PER PUD - 66 SHRUBS NORTH PERIMETER - TO BE INSTALLED WITH FUTURE TOURNAMENT TRAIL IN ROW

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

WEIHE ENGINEERS
 Land Surveying / Civil Engineering
 Landscape Architecture

PROJECT NO: W15.0316
 DWG NAME: 150316-L101 Landscape.dwg
 DESIGNED BY: [Redacted]
 DRAWN BY: [Redacted]
 CHECKED BY: [Redacted]
 DATE: 01.28.2016

DATE: 01-28-2016
 BY: [Redacted]
 10-16-2015
 01-29-2016

REVISIONS AND ISSUES:
 SUBMITTED FOR COUNTY SURVEYOR REVIEW
 ISSUED FOR TAC REVIEW

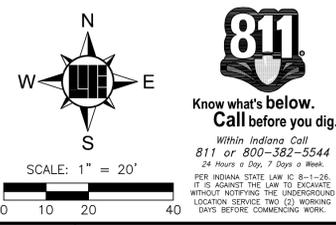
REGISTERED PROFESSIONAL ENGINEER
 ROBERT A. MEZKOWSKI
 No. 80050067
 STATE OF INDIANA
 LANDSCAPE ARCHITECT 151810010

ROBERT A. MEZKOWSKI
 LA.80050067

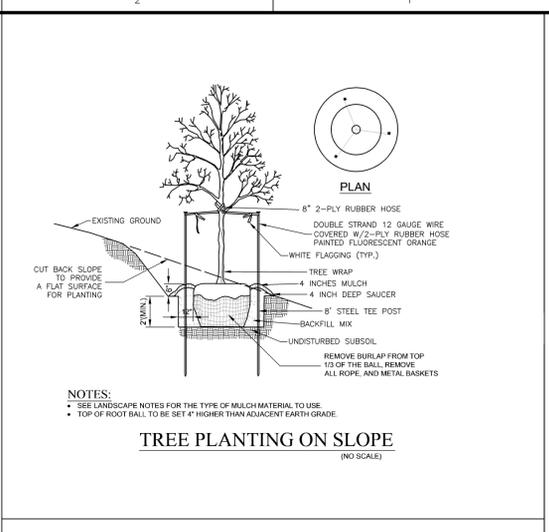
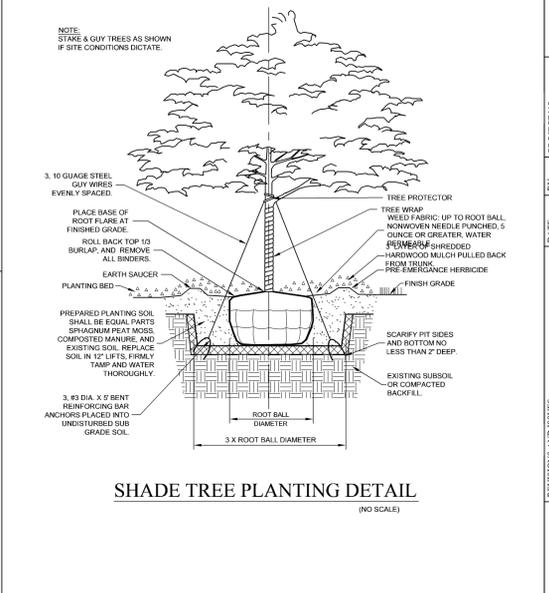
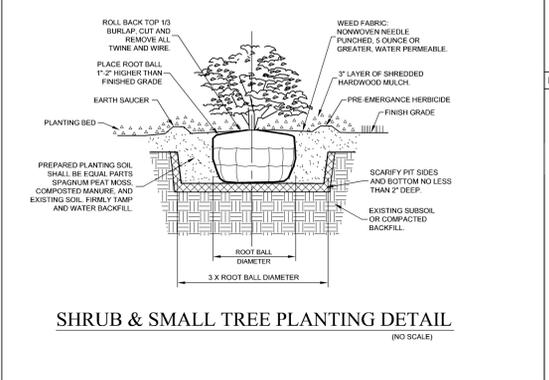
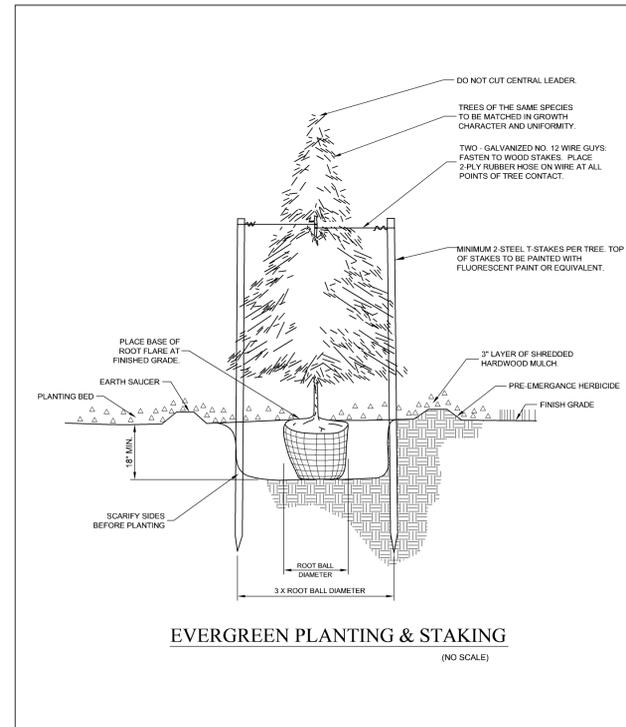
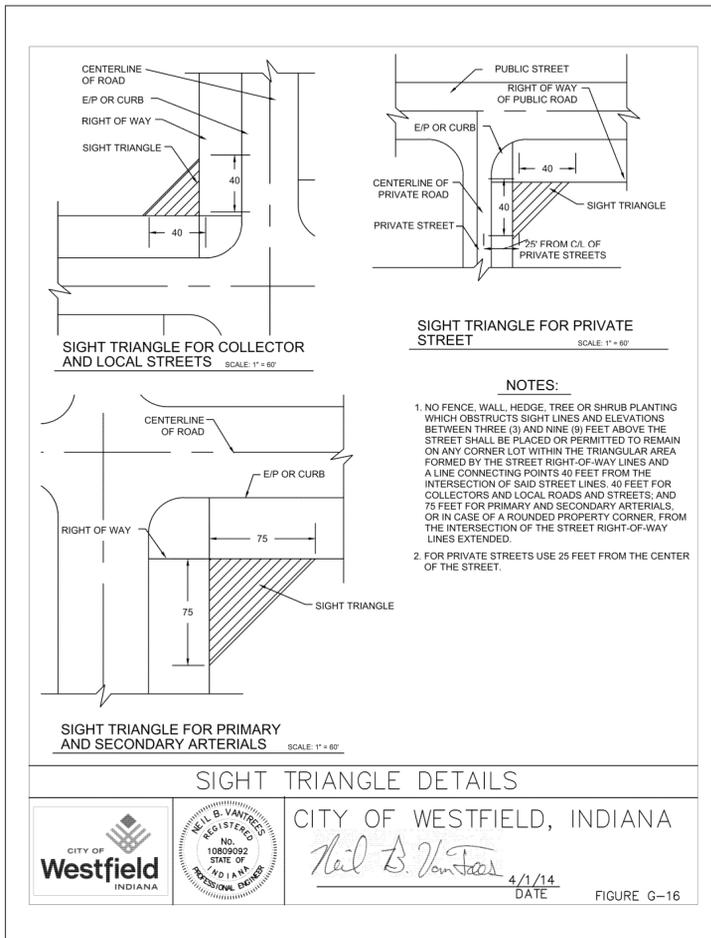
PREPARED FOR:
 City of Westfield
 17651 SUN PARK DRIVE, WESTFIELD, IN 46074
 LANDSCAPE PLAN
 Part of SWM Section 36, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

SHEET NO.
L100
 PROJECT NO.
 W15.0316

Know what's below.
 Call before you dig.
 Within Indiana Call
 811 or 800-332-5544
 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.



LOCATION: H:\2016\150316\Engineering\Design\150316-L01_Landscape.dwg
 DATE/TIME: January 28, 2016 - 2:49pm
 PLOTTED BY: schorb



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

PROJECT NO.:	W15.0316
DWG NAME:	LANDSCAPE
DESIGNED BY:	RLW
DRAWN BY:	RLW
CHECKED BY:	RLW
DATE:	01.28.2016

REVISIONS AND ISSUES

DATE:	10/18/2015	BY:	B.S.	REVISION:	SUBMITTED FOR COUNTY SUPERVISOR REVIEW
DATE:	01/29/2016	BY:	B.S.	REVISION:	ISSUED FOR TAC REVIEW

REGISTERED PROFESSIONAL ARCHITECT
 STATE OF INDIANA
 No. 80050080
 ROBERT A. MEZKOWSKI

ROBERT A. MEZKOWSKI L.A. 80050080

of WESTFIELD
 17651 SUN PARK DRIVE, WESTFIELD, IN 46074
 LANDSCAPE DETAILS
 Part of SWM, Section 36, Township 19 North, Range 3 East, Washington Township, Hamilton County, Indiana

PREPARED FOR: **Callnet**

811 Know what's below. Call before you dig.
 Within Indiana Call 811 or 800-332-5544
 24 Hours a Day, 7 Days a Week
 PER INDIANA STATE LAW IC 8-1-25, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

SHEET NO. **L200**
 PROJECT NO. W15.0316