

**GENERAL NOTES**

- IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICATE. IF IN QUESTION, CONTACT THE LANDSCAPE DESIGNER.
- 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 TRIM 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 BE PLACED WHERE THEY 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 OPERATIONS. 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.
- 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 HE 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, MOVING AND ALL OTHER NECESSARY OPERATIONS REQUIRED FOR PROPER ESTABLISHMENT OF PLANTINGS. NOTE: AT END OF MAINTENANCE PERIOD, CONTRACTOR TO RESUME CUTTING AND STAKING FROM TREES.
- CONTRACTOR TO SUBMIT UNIT PRICES ON EVERY TYPE OF WORK AS REQUESTED BY LANDSCAPE DESIGNER.
- 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.
- PROVIDE MINIMUM 4" PLANTING SOIL IN ALL GROUND COVER AND FLOWERY 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.
- 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.

**LEGEND**

	CLEAR SIGHT TRIANGLE		SYMBOL
	QUANTITY		F = FOUNDATION PLANTINGS
	PLANTING AREA		Y = YARD
			PP = PERIMETER PARKING LOT
			S = SCREEN

**LANDSCAPE PLAN NOTES**

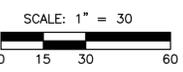
- SOD- ALL SOD SHALL BE CERTIFIED GRADE CULTIVATED GRASS SOD: OF "ADVENTURE BLEND" TURF TYPE TALL FESCUE (BY GENERAL CONTRACTOR)
- LANDSCAPE BED EDGE (TYP.)
- MULCH

**LANDSCAPE RECOMMENDATIONS**

MUNICIPALITY REQUIREMENTS	REQUIRED	PROVIDED
<b>CHAPTER 6 SECTION 6.8.H. - GENERAL SCREENING STANDARDS</b> - GROUND MOUNTED HEATING AND COOLING UNITS SHALL BE COMPLETELY SCREENED FROM ALL GROUND-LEVEL VIEWS. - DUMPSTER ENCLOSURES SHALL BE SCREENED FROM RESIDENTIAL USES AND RIGHTS-OF-WAY BY A 6 FOOT HIGH SCREEN OF EVERGREEN TREES PLANTED 9 FEET ON CENTER IN A DOUBLE STAGGERED ROW OR A SIX FEET HIGH COMPLETELY OPAQUE FENCE OR WALL.	- SCREEN DUMPSTER ENCLOSURE	- SCREEN DUMPSTER ENCLOSURE
<b>CHAPTER 6 SECTION 6.8.L. - LOT LANDSCAPING</b> - 10 SHADE TREES, 10 ORNAMENTAL OR EVERGREEN TREES, AND 25 SHRUBS PER ACRE. - ALL OTHER LANDSCAPING PLANTINGS REQUIRED MAY BE CREDITED TOWARD THE LOT LANDSCAPING REQUIREMENT AT A 1:1 RATIO.	(3,919 ACRES) - 39 SHADE TREES - 39 ORNAMENTAL OR EVERGREEN TREES - 39 SHRUBS	(3,919 ACRES) - 39 SHADE TREES - 39 ORNAMENTAL TREES - 39 SHRUBS
<b>CHAPTER 6 SECTION 6.8.L. - FOUNDATION PLANTINGS</b> - 1 SHRUB OR ORNAMENTAL TREE PER 12 LINEAR FEET OF FRONT BUILDING FACADE. SHALL BE LOCATED WITHIN 15 FEET OF THE BUILDING FACADE AND OCCUR WITHIN PLANTING BEDS AT LEAST 8 FEET IN WIDTH. - ALONG NON-FRONT BUILDING FACADES, PLANT MATERIALS SHALL BE REQUIRED EVERY 40 FEET AGAINST EXPANSES OF FACADES THAT ARE GREATER THAN 80 FEET IN WIDTH. - MONUMENT SIGNS SHALL INCLUDE A LANDSCAPED AREA THE MINIMUM SIZE EQUIVALENT TO ONE SIDE OF THE SIGN'S FACE. THE LANDSCAPED AREA SHALL CONSIST OF GROUND COVER, PERENNIALS, SHRUBS, OR ORNAMENTAL TREES.	(FRONT - 414') - 35 SHRUBS OR ORNAMENTAL TREES ALONG FRONT FACADES (SIDEREAR - NO UNBROKEN EXPANSE LONGER THAN 80')	(FRONT - 414') - 32 SHRUBS - 3 ORNAMENTAL TREES
<b>CHAPTER 6 SECTION 6.8.M. - EXTERNAL STREET FRONTAGE</b> - LANDSCAPING AREA WITH A MINIMUM DEPTH OF 10 FEET CONTAINING 3 SHADE OR EVERGREEN TREES, 2 ORNAMENTAL TREES, AND 25 SHRUBS PER 100 LINEAL FEET OF FRONTAGE. THIS MAY BE CREDITED TOWARD PARKING AREA LANDSCAPING REQUIREMENTS IF THE PARKING AREA IS LOCATED WITHIN 20 FEET OF THE RIGHT-OF-WAY.	186TH ST - 424' - 13 SHADE OR EVERGREEN TREES - 9 ORNAMENTAL TREES - 106 SHRUBS	186TH ST - 424' - 13 SHADE TREES - 9 ORNAMENTAL TREES - 109 SHRUBS
<b>CHAPTER 6 SECTION 6.8.O. - PARKING AREA LANDSCAPING</b> - 10% OF THE PARKING AREA SHALL BE SET ASIDE FOR PARKING AREA ISLANDS (50 OR MORE PARKING SPACES). - ISLANDS SHALL LIMIT UNBROKEN ROWS OF PARKING SPACES TO A MAXIMUM OF 200 FEET IN LENGTH. - ISLANDS SHALL BE A MINIMUM OF 120 SF IN AREA AND A MINIMUM OF 7 FEET IN WIDTH, MEASURED FROM BACK OF CURB. - ISLANDS SHALL INCLUDE 1 TREE AND 4 SHRUBS PER ISLAND. - PERIMETER LANDSCAPING IS REQUIRED FOR PARKING AREAS WHERE THE PARKING AREA IS LOCATED WITHIN AN ESTABLISHED YARD OR WITHIN 20 FEET OF A LOT LINE OR ROW LINE. - 1 TREE PER 30 LINEAR FEET AND 1 SHRUB PER 3 LINEAR FEET.	(72,952 SF PARKING AREA) - 7,296 SF LANDSCAPE ISLANDS - 1 TREE AND 4 SHRUBS PER ISLAND	- 8,214 SF LANDSCAPE ISLANDS - 16 ISLANDS = - 15 CANOPY TREES - 3 ORNAMENTAL TREES - 73 SHRUBS
	186TH ST - 325' - 11 TREES, 109 SHRUBS WEST - 154' - 6 TREES, 52 SHRUBS EAST - 221' - 7 TREES - 74 SHRUBS	186TH ST - 325' - 22 TREES, 109 SHRUBS WEST - 154' - 6 TREES, 52 SHRUBS EAST - 221' - 7 TREES - 73 SHRUBS

**PLANT SCHEDULE**

PLAN KEY	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY	ROOT CONDITION	CENTER	SPECIAL INSTRUCTIONS
<b>CANOPY DECIDUOUS TREES</b>							
GbA	GINKGO BILOBA 'AUTUMN GOLD'	AUTUMN GOLD GINKGO	2 1/2"	8	X	SEE PLAN	X
GIS	GLEDITSIA TRIACANTHOS INERMIS 'SKYCOLE'	SKYLINE HONEYLOCUST	2 1/2"	8	X	SEE PLAN	X
LT	LIRIODENDRON TULIPIFERA	TULIP TREE	2 1/2"	4	X	SEE PLAN	X
NS	NYSSA SYLVATICA	BLACK GUM	2 1/2"	8	X	SEE PLAN	X
TT	TILIA TOMENTOSA	SILVER LINDEN	2 1/2"	5	X	SEE PLAN	X
ZS	ZELKOVA SERRATA	JAPANESE ZELKOVA	2 1/2"	7	X	SEE PLAN	X
<b>ORNAMENTAL UNDERSTORY TREES</b>							
AgA	AMELANCHIER X GRANDIFLORA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	1 1/2"	19	X	SEE PLAN	X
CcR	CERCIS CANADENSIS 'RISING SUN'	RISING SUN REDBUD	1 1/2"	21	X	SEE PLAN	X
<b>DECIDUOUS SHRUBS</b>							
AaB	ARONIA ARBUTIFOLIA 'BRILLIANTISSIMA'	BRILLIANT RED CHOKEBERRY	#3	60	X	SEE PLAN	MIN 18"
CJ	CALLICARPA JAPONICA	JAPANESE BEAUTYBERRY	#3	36	X	SEE PLAN	MIN 18"
PG	POTENTILLA FRUTICOSA 'GOLDFINGER'	GOLDFINGER POTENTILLA	#3	53	X	SEE PLAN	MIN 18"
SpM	SYRINGA PATULA 'MISS KIM'	MISS KIM LILAC	#3	12	X	SEE PLAN	MIN 18"
<b>EVERGREEN SHRUBS</b>							
BM	BUXUS MICROPHYLLA	LITTLELEAF BOXWOOD	18"	39	X	SEE PLAN	MIN 18"
CoN	CHAMAECYPARIS OBTUSA 'NANA'	HINOKI CYPRESS	18"	49	X	SEE PLAN	MIN 18"
EdM	ERICA DARLEYENSIS 'MEDITERRANEAN PINK'	MEDITERRANEAN PINK HEATH	#2	15	X	SEE PLAN	X
IgC	ILEX GLABRA 'COMPACTA'	COMPACT HOLLY	18"	40	X	SEE PLAN	MIN 18"
MD	MICROBIOTA DECUSSATA	SIBERIAN CYPRESS	#2	11	X	SEE PLAN	X
TmD	TAXUS X MEDIA 'DENSIFORMIS'	DENSE YEW	18"	52	X	SEE PLAN	MIN 18"
ToH	THUJA OCCIDENTALIS 'HOLMSTRUP'	HOLMSTRUP ARBORVITAE	#6	7	X	SEE PLAN	MIN 18"



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PERPETUAL MAINTENANCE: 10/10/19-9-4-26-26.  
IT IS AGAINST THE LAW TO EXAGGERATE  
WITH HOLD UP OR WITH THE UNDERGROUND  
LOCATION SERVICE: TWO (2) WORKING  
DAYS/SHRUBS: COMMERCIAL@WORK.

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



Land Surveying / Civil Engineering  
Landscape Architecture

PROJECT NO:	W14.0453
DATE:	04/03/2015
BY:	BJS
DATE:	05/08/2015
BY:	BJS
DATE:	05/08/2015
BY:	BJS

REVISIONS AND ISSUES:	TAC SUBMITTAL
ISSUED FOR TAC REVISIONS	



ROBERT A. MEZKOWSKI LA.80050086

PREPARED FOR:  
**CAMBRIA SUITES AT GRAND PARK VILLAGE**  
186TH STREET AND GRAND PARK BLVD.  
LANDSCAPE PLAN

SHEET NO.  
**L100**  
PROJECT NO.  
W14.0453

LOCATION: 10/20/14, W14.0453 Engineering\Design\Comm\W14.0453-L100 Landscape.dwg  
DATE/TIME: May 18, 2015 10:11am  
PLOT/DWG: 18x36

VARIABLE WIDTH D.&L.E. PROPOSED LAKE EASEMENT PER GRAND PARK VILLAGE LAKE PLANS PREPARED BY AMERICAN STRUCTURE POINT

PROPOSED LAKE BY OTHERS  
NORMAL POOL = 894.00  
AREA AT NORMAL POOL = 13.56 ACRES  
TOP OF BANK = 899.11  
POND BOTTOM = 884.00 (MINIMUM)  
100 YEAR FLOOD = 898.11

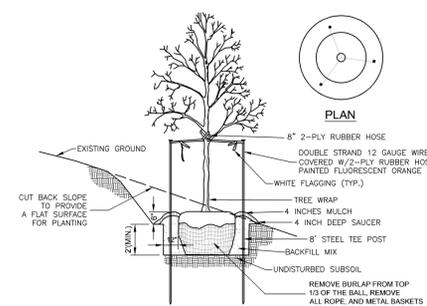
OWNER: D&W FARMS  
LAND USE: AGRICULTURE  
PROPOSED LAKE

DELTA=1430'54"  
R=333.00  
T=33.00  
L=181.84  
CH BRG=04710707W  
CH L2N=46.67

DELTA=1430'54"  
R=333.00  
T=33.00  
L=181.84  
CH BRG=04710707W  
CH L2N=46.67

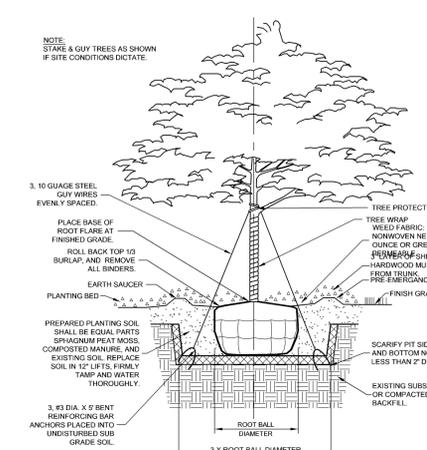
DELTA=7722'50"  
R=46.67  
T=37.27  
L=63.02  
CH BRG=56733292E  
CH L2N=58.34

DELTA=7722'50"  
R=46.67  
T=37.27  
L=63.02  
CH BRG=56733292E  
CH L2N=58.34

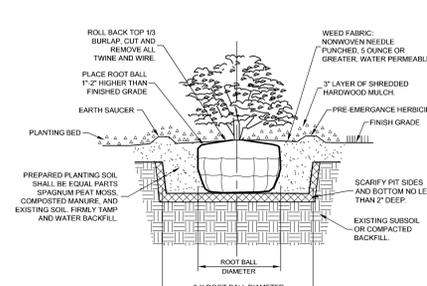


**NOTES:**  
 • SEE LANDSCAPE NOTES FOR THE TYPE OF MULCH MATERIAL TO USE.  
 • TOP OF ROOT BALL TO BE SET 4" HIGHER THAN ADJACENT EARTH GRADE.

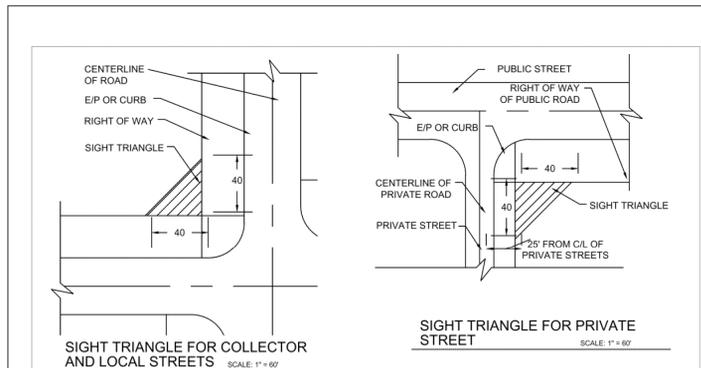
**TREE PLANTING ON SLOPE**  
 (NO SCALE)



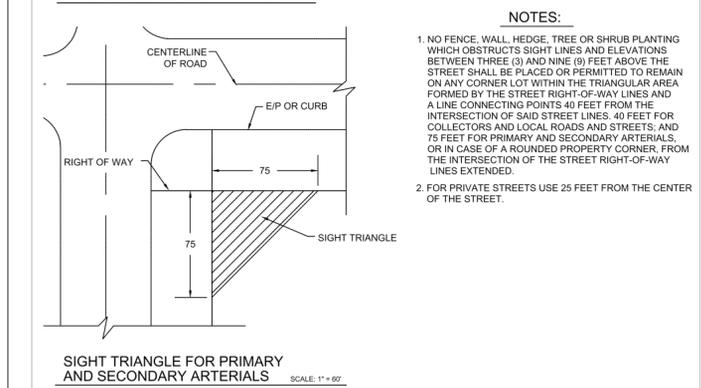
**SHADE TREE PLANTING DETAIL**  
 (NO SCALE)



**SHRUB & SMALL TREE PLANTING DETAIL**  
 (NO SCALE)



**SIGHT TRIANGLE FOR PRIVATE STREET**  
 SCALE: 1" = 60'



**SIGHT TRIANGLE FOR PRIMARY AND SECONDARY ARTERIALS**  
 SCALE: 1" = 60'

**NOTES:**  
 1. NO FENCE, WALL, HEDGE, TREE OR SHRUB PLANTING WHICH OBSTRUCTS SIGHT LINES AND ELEVATIONS BETWEEN THREE (3) AND NINE (9) FEET ABOVE THE STREET SHALL BE PLACED OR PERMITTED TO REMAIN ON ANY CORNER LOT WITHIN THE TRIANGULAR AREA FORMED BY THE STREET RIGHT-OF-WAY LINES AND A LINE CONNECTING POINTS 40 FEET FROM THE INTERSECTION OF SAID STREET LINES, 40 FEET FOR COLLECTORS AND LOCAL ROADS AND STREETS, AND 75 FEET FOR PRIMARY AND SECONDARY ARTERIALS, OR IN CASE OF A ROUNDED PROPERTY CORNER, FROM THE INTERSECTION OF THE STREET RIGHT-OF-WAY LINES EXTENDED.  
 2. FOR PRIVATE STREETS USE 25 FEET FROM THE CENTER OF THE STREET.

**SIGHT TRIANGLE DETAILS**

**CITY OF WESTFIELD, INDIANA**

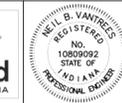

 Neil B. Van Fleet  
 DATE: 4/1/14

FIGURE G-16

10505 N. College Avenue  
 Indianapolis, Indiana 46280  
 weithe.net  
 317 | 846 - 6611  
 800 | 452 - 6408  
 317 | 843 - 0546 fax

**WEIHE ENGINEERS**  
 Land Surveying | Civil Engineering  
 Landscape Architecture

PROJECT NO.:	W14.0453
DWG NAME:	FIGURE G-16
DESIGNED BY:	RAM/RLW
DRAWN BY:	RLW
CHECKED BY:	BJS
DATE:	05.08.2015



ROBERT A. MEZOWSKI LA.80050080

**CAMBRIA SUITES AT GRAND PARK VILLAGE**  
 186th STREET AND GRAND PARK BLVD.  
 LANDSCAPE DETAILS

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PREPARED FOR:  
  
**CAMBRIA SUITES AT GRAND PARK VILLAGE**  
 186th STREET AND GRAND PARK BLVD.  
 LANDSCAPE DETAILS

SHEET NO.  
**L200**

PROJECT NO.  
**W14.0453**

LOCATION: H:\2014\W14.0453\Engineering\Design\Concept\46280\46280-100\_landscape.dwg  
 DATE/TIME: May 08, 2015 8:22am  
 PLOTTED BY: schorb