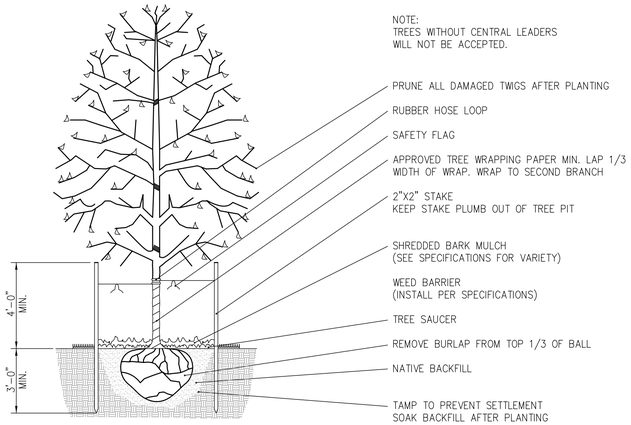
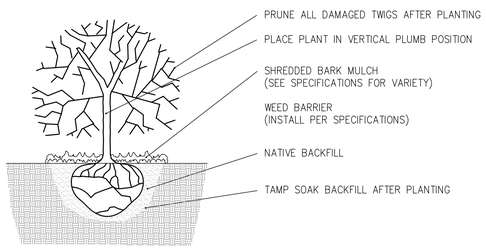


TREE PLANTING & STAKING DETAIL

NOT TO SCALE



SHRUB PLANTING DETAIL

NOT TO SCALE

GENERAL PLANTING NOTES:

1. TOTAL QUANTITIES OF MATERIALS SHOWN ON LANDSCAPE DRAWINGS SHALL TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT SCHEDULE.

2 LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.

3. GENERAL CONTRACTOR SHALL PLACE 4" OF TOPSOIL AT ALL PLANTING AREAS.

4. PROTECT AND SAVE THE EXISTING PLANT MATERIALS WHENEVER POSSIBLE.

5. BLACK PLASTIC EDGING SHALL BE USED TO SEPERATE ALL TURF AREAS FROM PLANTING BEDS. PLACE EDGING FLUSH WITH GRADE.

6. POROUS WOVEN WEED BARRIER SHALL BE INSTALLED IN ALL SHRUB BEDS. PLANT BEDS ARE TO BE FREE OF WEEDS AND GRASSES. TERMINATE EXISTING UNWANTED PLANT MATERIALS BY USE OF "ROUND-UP" HERBICIDE AS PER MANUFACTURER'S SPECIFICATIONS.

7. SHRUB BEDS AND PLANTING BEDS SHALL BE COVERED WITH DARK BROWN SHREDDED MULCH INSTALLED 4" DEEP.

8. PLACE ONE FULL LAYER OF MULCH UNTIL THE WEED BARRIER IS NO LONGER VISIBLE.

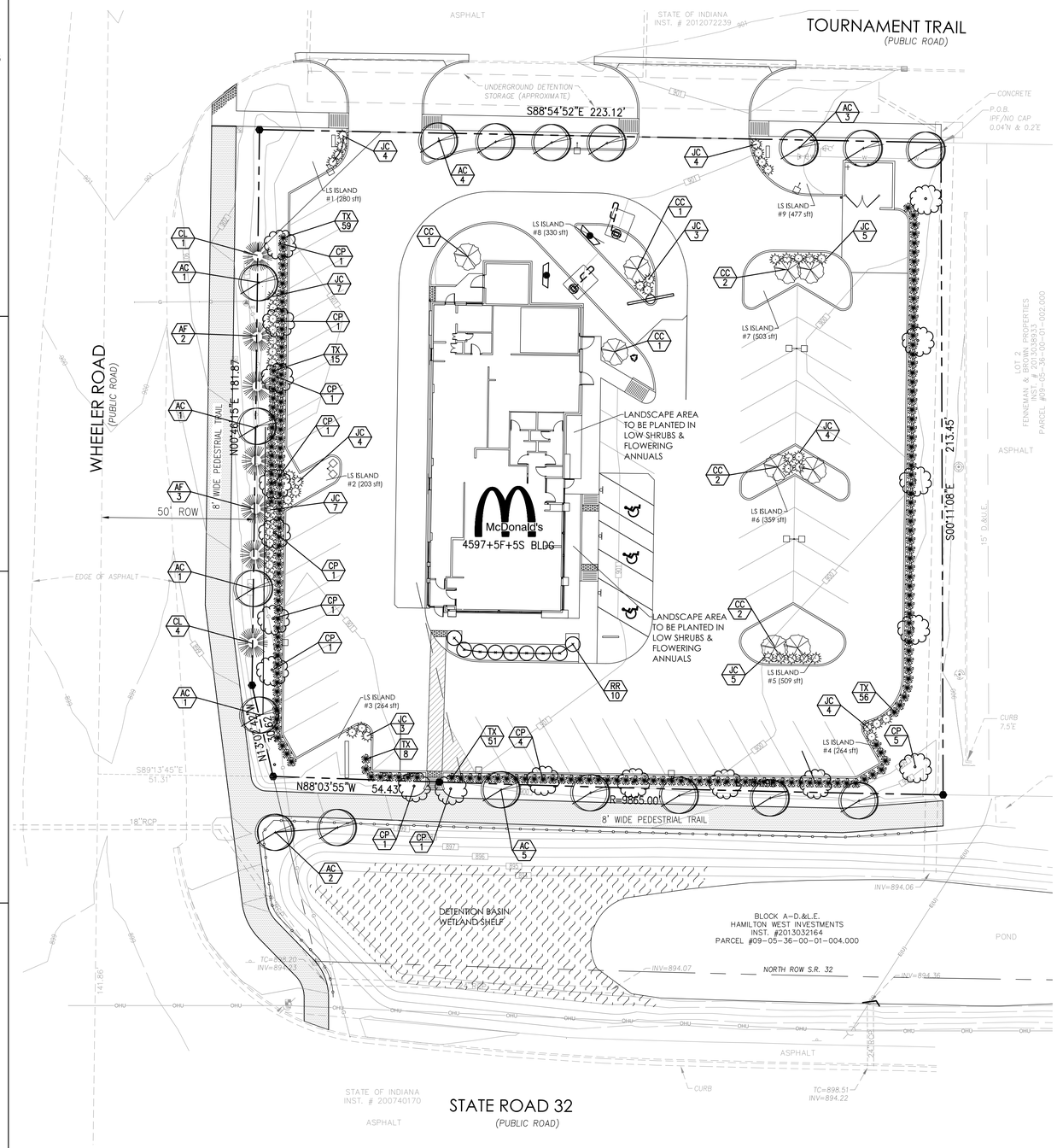
9. LANDSCAPE CONTRACTOR SHALL SUPPLY OWNER WITH A SAMPLE OF ANY ROCK MULCH TO BE USED PRIOR TO INSTALATION.

10. REPORT ANY DISCREPANCIES IN THE PLANS TO THE OWNER PRIOR TO STARTING CONSTRUCTION.

11. NO TREES SHALL BE PLANTED WITHIN 10' OF STORM SEWER.

PLANTING SCHEDULE

SYMBOL	KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE COND	REMARKS	HEIGHT AT MATURITY SPREAD AT MATURITY
	AC	18	Acer compestre	Hedge Maple	2-1/2" Cal B & B	Med Shade Tree	35' 35'
	CP	18	Crataegus phaenopyrum	Washington Hawthorn	2-1/2" B & B	Small Tree	25' 25'
	CC	9	Cercis Canadensis	Eastern Redbud	2-1/2" B & B	Small Tree	25' 25'
	CL	2	Chamaecyparis lawsoiana	Lawson Falsecypress	6' B & B	Evergreen Tree	30' 15'
	AF	5	Abies concolor	White Fir	6' B & B	Evergreen Tree	40' 15'
	JC	50	Juniperus Chinensis "Sea Green"	Sea Green Juniper	18"	Evergreen Shrub	3' 5'
	RR	9	Rosa "Radrazz"	Knock Out Rose	2 gal.	Deciduous Shrub	3' 3'
	TX	181	Taxus x media Chadwickii	Chadwick Spreading Yew	18" B&B	Evergreen Shrub	3' 5'



LANDWATER GROUP INC. NORTH

SITE DATA:

ROAD FRONTAGE= 435.68 lft
PARKING PERIMETER= 475.20 lft
PARKING INTERIOR= 30331 sft
TRAIL CORRIDOR= 219.39 lft
PARKING SPACES= 56 spa
BUFFER YARD = 213.44 lft

LANDSCAPE REQUIREMENTS:

ROAD FRONTAGE - 1 SHADE TREE FOR EACH 40 lft of FRONTAGE or
435.68/40=10.89 SHADE TREES REQUIRED.

PARKING PERIMETER - 1 TREE FOR EACH 30 lft AND 1 SHRUBS FOR EACH 3 lft of PARKING LOT LENGTH or
475.20/30=15.84 TREES & 475.20/3=158.40 SHRUBS.

PARKING INTERIOR-10% OF THE VEHICLE USE AREA IN LANDSCAPE ISLANDS WITH 1 TREE AND 4 SHRUBS PER ISLAND or
30331x10%=3033 sft of LANDSCAPE ISLANDS WITH 9 TREES & 36 SHRUBS

TRAIL CORRIDOR-3 SHADE TREE AND 1 ORNAMENTAL TREE PER EACH 100 FEET OF CORRIDOR LENGTH or
219.39/100 = 6.57 SHADE TREES & 2.19 ORNAMENTAL TREES.

BUFFER YARD-1 EVERGREEN TREE AND 5 EVERGREEN SHRUBS PER EACH 30 FEET OF BUFFER YARD or
213.44/30=7.1 EVERGREEN TREES AND 35.53 EVERGREEN SHRUBS

LANDSCAPE SUMMARY

AREA	PLANTING							
	SHADE TREE		SMALL TREE		EVERGREEN TREE		SHRUB	
	REQ'D	PROV	REQ'D	PROV	REQ'D	PROV	REQ'D	PROV
FRONTAGE	11	11						
PARKING PERIMETER			16	16			158	159
PARING INTERIOR			9	9			36	36
CORRIDOR	7	7	2	2				
BUFFERYARD					7	7	36	36
TOTAL	18	18	27	27	7	7	230	231

NOTE:
1. LANDSCAPE AREAS NOT OTHERWISE PLANTED TO BE SEEDED OR SODDED.
2. DETENTION BASIN WETLAND SHELF TO BE PLANTED IN JF NEW WETLAND MIX.

DETENTION BASIN PLANTINGS

JF NEW "WETLAND" SEED MIX Consiting of:

Botanical Name	Common Name	Ounces/Acre
Permanent Grasses/Sedges/Rushes:		
Carex comosa	Bristly Sedge	2.50
Carex lacustris	Common Lake Sedge	0.25
Carex lurida	Bottlebrush Sedge	4.00
Carex vulpinodea	Brown Fox Sedge	6.00
Eleocharis ovata	Blunt Spike Rush	1.00
Leersia oryzoides	Rice Cut Grass	3.00
Juncus effusus	Common Rush	1.00
Scirpus acutus	Hard-stemmed Bulrush	2.50
Scirpus pungens	Chairmaker's Rush	4.00
Scirpus validus	Great Bulrush	6.00
	Total	**30.25**
Temporary Cover:		
Avena sativa	Common Oat	360.00
Lolium multiflorum	Annual Rye	100.00
	Total	**460.00**
Forbs:		
Acorus calamus	Sweet Flag	0.50
Alisma spp.	Water Plantain (Various	2.00
Asclepias incarnata	Swamp Milkweed	1.50
Cephalanthus occidentalis	Buttonbush	0.50
Decodon verticillatus	Swamp Loosestrife	0.50
Eupatorium maculatum	Spotted Joe-Pye Weed	0.50
Hibiscus spp.	Rosemallow (Various Mi	3.00
Iris virginica	Blue Flag	6.00
Lobelia cardinalis	Cardinal Flower	0.25
Lobelia siphilitica	Great Blue Lobelia	1.50
Lycopus americanus	Common Water Horeho	0.25
Mimulus ringens	Monkey Flower	1.00
Peltandra virginica	Arrow Arum	16.00
Penthorum sedoides	Ditch Stonecrop	0.50
Polygonum spp.	Pinkweed (Various Mix)	0.50
Pontederia cordata	Pickerel Weed	10.00
Sagittaria latifolia	Common Arrowhead	2.00
Sparganium americanum	American Bur Reed	1.00
Sparganium eurycarpum	Common Bur Reed	4.00
Verbena hastata	Blue Vervain	1.00
	Total	**52.50**

Indiana 811 Know what's below. Call before you dig.

IT IS AGAINST THE LAW (IC 8-1-26) TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO WORKING DAYS BEFORE COMMENCING WORK.
DIAL 811
OR
1-800-382-5544
I.U.P.S.
P.O. Box 50392
Indianapolis, IN 46250

0' 20' 40' 60'

NOTE:
THE EXISTING FEATURES, UNDERLYING TOPOGRAPHY, SITE BOUNDARY AND EASEMENT DATA, ETC. SHOWN ON THESE PLAN SHEETS IS PROVIDED BY OTHERS AND LANDWATER GROUP, INC. MAKES NO REPRESENTATION AS TO THE ACCURACY OF THAT BASELINE DATA. THEREFORE, THE CONTRACTOR SHOULD VERIFY THAT EXISTING FEATURES ARE AS SHOWN AND IMMEDIATELY REPORT ANY DESCREPENCIES TO THE McDONALD'S CONSTRUCTION MANAGER PRIOR TO STARTING CONSTRUCTION.

REV.	SYMBOL	DATE	DESCRIPTION
1		1-25-14	REVISED PER TECH REVIEW COMMENT

PREPARED FOR

McDonald's USA, LLC

PROJECT NAME
McDONALD'S USA, LLC
INDIANAPOLIS REGION
SITE ID 013-1202

PROJECT LOCATION
945 Tournament Tr
Westfield, IN

PROJECT NUMBER
1347

DRAWN BY
G. LUKAS

CHECKED

LANDWATER Group Inc.
1414 Franklin Street
Columbus, IN 47201
(812) 342-9103
Fax (812) 342-9726
•FLOOD PLAIN MANAGEMENT •DRAINAGE ENGINEERING •SITE DEVELOPMENT •LAND PLANNING

CERTIFIED
MARTIN S MANN REGISTERED NO. 920256 STATE OF INDIANA PROFESSIONAL ENGINEER

SHEET NAME
LANDSCAPE PLAN

SHEET NUMBER
C6.0

PLAN DATE
OCTOBER 31, 2013

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