



SITE DATA:
 ROAD FRONTAGE= 435.68 ft
 PARKING PERIMETER= 475.20 ft
 PARKING INTERIOR= 3033.31 ft
 TRAIL CORRIDOR= 219.39 ft
 PARKING SPACES= 56 spc

LANDSCAPE REQUIREMENTS:
 ROAD FRONTAGE - 1 SHADE TREE FOR EACH 40 FT OF FRONTAGE OR 435.68/40=10.89 SHADE TREES REQUIRED.

PARKING PERIMETER - 1 TREE AND 3 SHRUBS FOR EACH 30 FT OF PARKING LOT LENGTH OR 475.20/30=15.84 TREES & 47.52 SHRUBS.

PARKING INTERIOR-10% OF THE VEHICLE USE AREA IN LANDSCAPE ISLANDS WITH 1 TREE AND 4 SHRUBS PER ISLAND OR 3033.31x10%=30333 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.

LANDSCAPE SUMMARY

AREA	PLANTING		SHRUB	
	SHADE TREE	SMALL TREE	REQ'D	PROV
FRONTAGE	11	11		
PARKING PERIMETER		16	16	48
PARKING INTERIOR		9	9	36
CORRIDOR	7	7	2	2
TOTAL	18	18	27	84

NOTE:

- LANDSCAPE AREAS NOT OTHERWISE PLANTED TO BE SEEDED OR SODDED.
- DETENTION BASIN WETLAND SHELF TO BE PLANTED IN JF NEW WETLAND MIX.

DETENTION BASIN PLANTINGS

JF NEW "WETLAND" SEED MIX Consisting of:

Botanical Name	Common Name	Ounces/Acre
Permanent Grasses/Sedges/Rushes:		
<i>Carex comosa</i>	Bristly Sedge	2.50
<i>Carex lacustris</i>	Common Lake Sedge	0.25
<i>Carex lurida</i>	Bottlebrush Sedge	4.00
<i>Carex vulpinoidea</i>	Brown Fox Sedge	6.00
<i>Eleocharis ovata</i>	Blunt Spike Rush	1.00
<i>Leersia oryzoides</i>	Rice Cut Grass	3.00
<i>Juncus effusus</i>	Common Rush	1.00
<i>Scirpus acutus</i>	Hard-stemmed Bulrush	2.50
<i>Scirpus pungens</i>	Chairmaker's Rush	4.00
<i>Scirpus validus</i>	Great Bulrush	6.00
	Total	30.25
Temporary Cover:		
<i>Avena sativa</i>	Common Oat	360.00
<i>Lolium multiflorum</i>	Annual Rye	100.00
	Total	460.00
Forbs:		
<i>Acorus calamus</i>	Sweet Flag	0.50
<i>Alisma spp.</i>	Water Plantain (Various)	2.00
<i>Asclepias incarnata</i>	Swamp Milkweed	1.50
<i>Cephalanthus occidentalis</i>	Butterbush	0.50
<i>Decodon verticillatus</i>	Swamp Loosestrife	0.50
<i>Eupatorium maculatum</i>	Spotted Joe-Pye Weed	0.50
<i>Hibiscus spp.</i>	Rosemallow (Various Mi)	3.00
<i>Iris virginica</i>	Blue Flag	6.00
<i>Lobelia cardinalis</i>	Cardinal Flower	0.25
<i>Lobelia siphilitica</i>	Great Blue Lobelia	1.50
<i>Lycopus americanus</i>	Common Water Horehound	0.25
<i>Mimulus ringens</i>	Monkey Flower	1.00
<i>Peltandra virginica</i>	Arrow Arum	16.00
<i>Penthorum sedoides</i>	Ditch Stonewort	0.50
<i>Polygonum spp.</i>	Pinkweed (Various Mix)	0.50
<i>Pontederia cordata</i>	Pickering Weed	10.00
<i>Sagittaria arifolia</i>	Common Arrowhead	2.00
<i>Sparganium americanum</i>	American Bur Reed	1.00
<i>Sparganium aurycarpum</i>	Common Bur Reed	4.00
<i>Verbena hastata</i>	Blue Vervain	1.00
	Total	62.50

LANDWATER Group Inc.
 1414 Franklin Street
 Columbus, IN 47201
 (812) 342-9700
 Fax (812) 342-9726

• FLOOD PLAIN MANAGEMENT • SITE DEVELOPMENT • LAND PLANNING • DRAINAGE ENGINEERING

Indiana 811
 Know what's below. Call before you dig.
 IT IS AGAINST THE LAW (IC 31-5-2-1) 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

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 DISCREPANCIES TO THE MCDONALD'S CONSTRUCTION MANAGER PRIOR TO STARTING CONSTRUCTION.

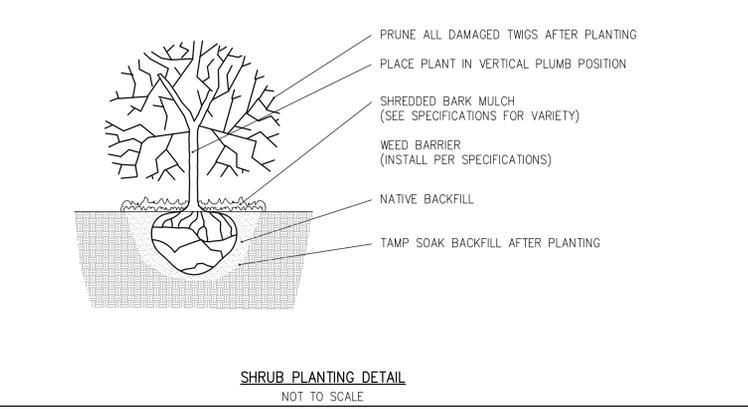
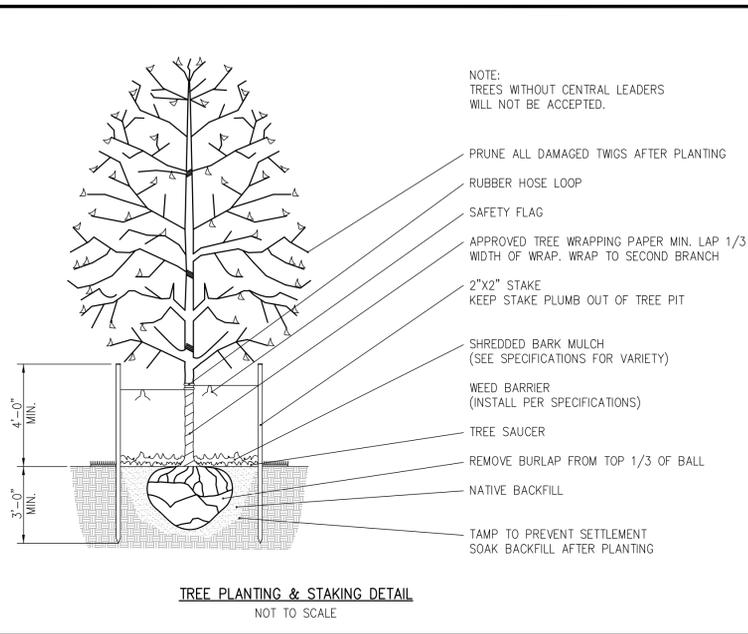
CERTIFIED

MARTIN S. MANNING
 REGISTERED PROFESSIONAL ENGINEER
 NO. 920256
 STATE OF INDIANA

Sheet Name: **LANDSCAPE PLAN**

Sheet Number: **C6.0**

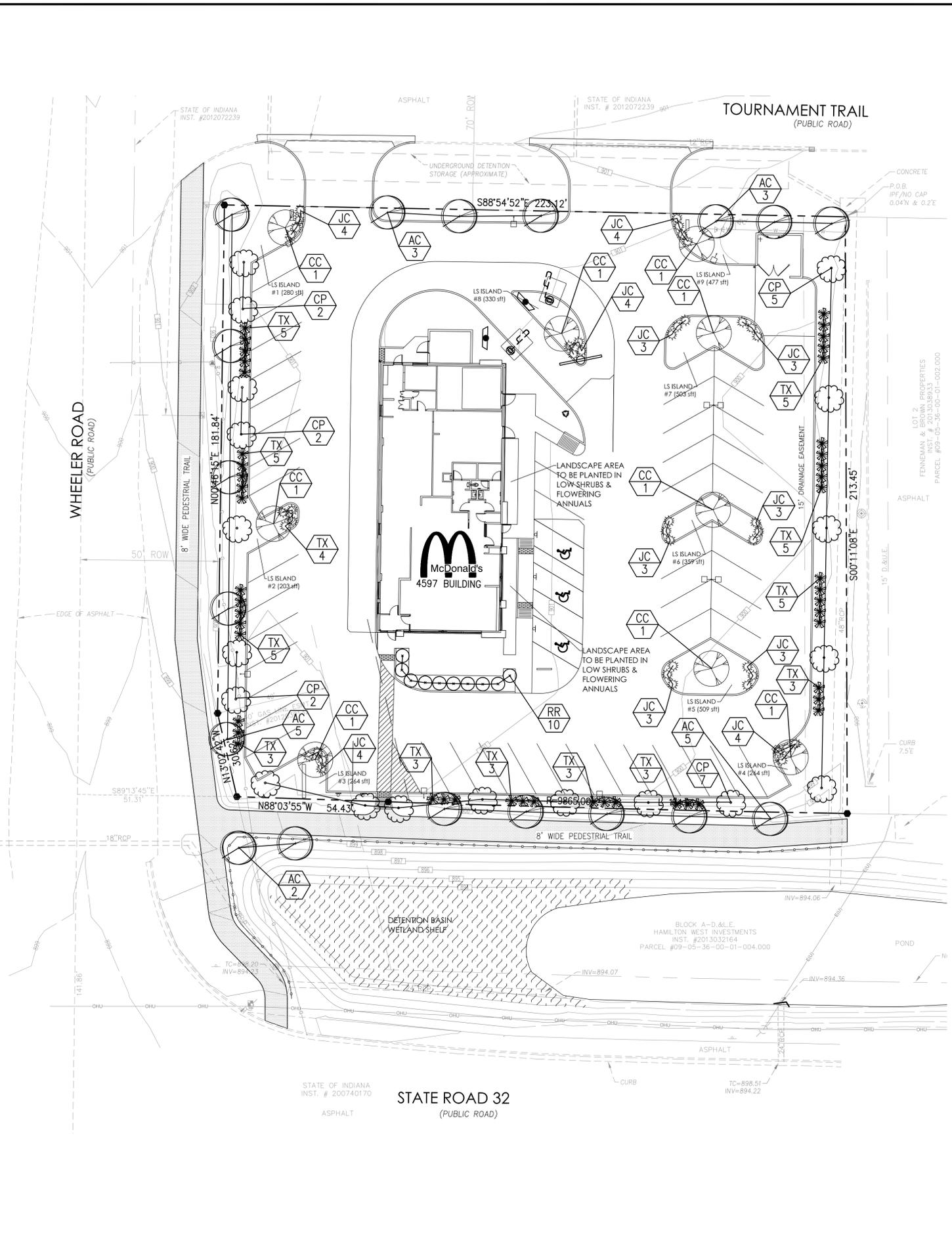
PLAN DATE: **OCTOBER 31, 2013**



- GENERAL PLANTING NOTES:**
- TOTAL QUANTITIES OF MATERIALS SHOWN ON LANDSCAPE DRAWINGS SHALL TAKE PRECEDENCE OVER QUANTITIES SHOWN ON THE PLANT SCHEDULE.
 - LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES ON THE PLANTING PLAN.
 - GENERAL CONTRACTOR SHALL PLACE 4" OF TOPSOIL AT ALL PLANTING AREAS.
 - PROTECT AND SAVE THE EXISTING PLANT MATERIALS WHENEVER POSSIBLE.
 - BLACK PLASTIC EDGING SHALL BE USED TO SEPERATE ALL TURF AREAS FROM PLANTING BEDS. PLACE EDGING FLUSH WITH GRADE.
 - 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.
 - SHRUB BEDS AND PLANTING BEDS SHALL BE COVERED WITH DARK BROWN SHREDDED MULCH INSTALLED 4" DEEP.
 - PLACE ONE FULL LAYER OF MULCH UNTIL THE WEED BARRIER IS NO LONGER VISIBLE.
 - LANDSCAPE CONTRACTOR SHALL SUPPLY OWNER WITH A SAMPLE OF ANY ROCK MULCH TO BE USED PRIOR TO INSTALLATION.
 - REPORT ANY DISCREPANCIES IN THE PLANS TO THE OWNER PRIOR TO STARTING CONSTRUCTION.

PLANTING SCHEDULE

SYMBOL	KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE COND	REMARKS	HEIGHT AT MATURITY
AC	18		Acer compestre	Hedge Maple	2-1/2" Cal B & B	Med Shade Tree	35'
CC	9		Cercis Canadensis	Eastern Redbud	2-1/2" B & B	Small Tree	25'
CP	18		Crataegus phoenopyrum	Washington Hawthorn	2-1/2" B & B	Small Tree	25'
JC	33		Juniperus Chinensis "Sea Green"	Sea Green Juniper	18"	Evergreen Shrub	3'
RR	10		Rosa "Rozrazz"	Knock Out Rose	2 gal.	Deciduous Shrub	3'
TX	48		Taxus x media Chadwickii	Chadwick Spreading Yew	18" B&B	Evergreen Shrub	3'



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