

PLANT LIST

CODE	BOTANICAL NAME	COMMON NAME	MIN. SIZE	QUANTITY	REMARKS
SHADE TREES					
GLE-T	Gleditsia triacanthos inermis 'Skyline'	SKYLINE HONEYLOCUST	2.5' CAL.	10	SINGLE TRUNK
ZEL-S	Zelkova serrata	JAPANESE ZELKOVA	2' CAL., 8' HGT.	4	SINGLE TRUNK
SHADE TREES - PERGOLA AREA					
ZEL-S	Zelkova serrata	JAPANESE ZELKOVA	4' CAL., 18' HGT.	2	SINGLE TRUNK, HIGH BRANCHING, MATCHED CANOPY SHAPE
ORNAMENTAL TREES					
MAL-A	Malus 'Amberina'	AMBERINA FLOWERING CRABAPPLE	2' CAL.	14	SINGLE TRUNK
EVERGREEN TREES					
CHA-O	Chamaecyparis lawsoniana	LAWSON FALSE CYPRESS	6' HGT.	3	SINGLE TRUNK
PSE-M	Pseudotsuga menziesii	DOUGLAS FIR	6' HGT.	4	SINGLE TRUNK
SHRUBS					
SPI-B	Spiraea x bumalda 'Anthony Waterer'	ANTHONY WATERER SPIREA	18' HGT.	66	3' O.C.
EVERGREEN SHRUBS					
ILE-M(M)	Ilex x meserveae 'Blue Prince' (male)	BLUE PRINCE HOLLY	48" HGT.	2	6' O.C.
ILE-M(F)	Ilex x meserveae 'Blue Princess' (female)	BLUE PRINCESS HOLLY	48" HGT.	9	6' O.C.
TAX-M	Taxus x media 'Densiformis'	DENSIFORMIS SPREADING YEW	18" HGT.	133	3' O.C.
THU-O	Thuja occidentalis 'Emerald'	EMERALD ARBORVITAE	48" HGT.	6	6' O.C.
JUN-P	Juniperus x pfitzeriana 'Sea Green'	SEA GREEN JUNIPER	18" HGT.	95	3' O.C.
ORNAMENTAL GRASSES					
HEL-S	Helictotrichon sempervirens	BLUO OAT GRASS	1 GAL.	71	30" O.C.
GROUNDCOVERS					
LIR-M	Liriope muscari 'Majestic'	MAJESTIC BLUE LIRIOPE	1 GAL.	32	18" O.C.

LANDSCAPE REQUIREMENTS

STATE HIGHWAY 32 OVERLAY GREENBELT CORRIDOR:
3 SHADE TREES AND 1 ORNAMENTAL TREE PER 100 LINEAR FEET OF FRONTAGE.

BUFFER YARD - EAST SIDE:
15' BUFFER YARD WITH 1 EVERGREEN TREE AND 5 EVERGREEN SHRUBS PER 30 LINEAR FEET OF ADJACENCY TO SPECIFIED ZONING DISTRICT.

ROAD FRONTAGE:
1 SHADE TREE PER 40 LINEAR FEET OF FRONTAGE.

PARKING AREA INTERIOR AND ISLANDS:
7.5% OF THE PARKING AREA WITH 1 TREE AND 4 SHRUBS PER ISLAND.

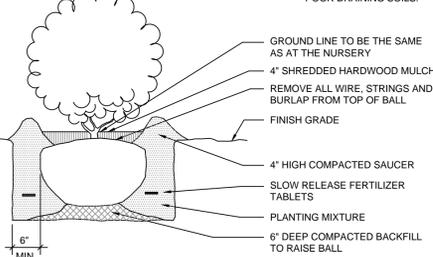
PARKING AREA PERIMETER:
1 TREE PER 30 LINEAR FEET AND 1 SHRUB PER 3 LINEAR FEET OF PARKING LOT LENGTH WHEN THE PARKING LOT IS WITHIN A REQUIRED YARD, OR WITHIN 20' OF A LOT LINE OR RIGHT-OF-WAY LINE.

MINIMUM NUMBER OF PLANTS ON SITE:
10 SHADE TREES, 10 ORNAMENTAL OR EVERGREEN TREES, AND 25 SHRUBS PER ACRE.

MINIMUM PLANT SIZE AND SPECIES:
3 DIFFERENT SPECIES OF SHADE TREES PER SITE.
SHADE TREES - 2" CALIPER AT 12" ABOVE FINISH GRADE AND 8" IN HEIGHT - 2.5" CALIPER IN THE STATE HIGHWAY 32 OVERLAY GREENBELT CORRIDOR.
EVERGREEN TREES - 6" IN HEIGHT.
ORNAMENTAL TREES - 2" CALIPER AT 6" ABOVE FINISH GRADE.
SHRUBS - 18" IN HEIGHT.

NOTE:
PLANT MATERIAL HAS BEEN SELECTED FROM THE SPECIFIED LISTS PROVIDED BY THE WESTFIELD - WASHINGTON TOWNSHIP ZONING ORDINANCE.

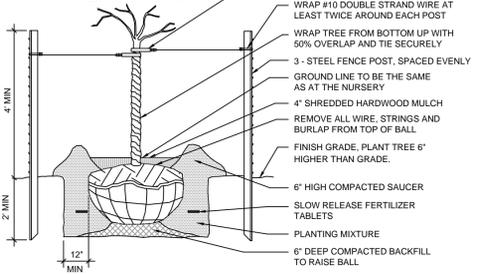
NOTE: PLANT SHRUBS 6" HIGH IN POOR DRAINING SOILS.



LS-01 SHRUB PLANTING SECTION

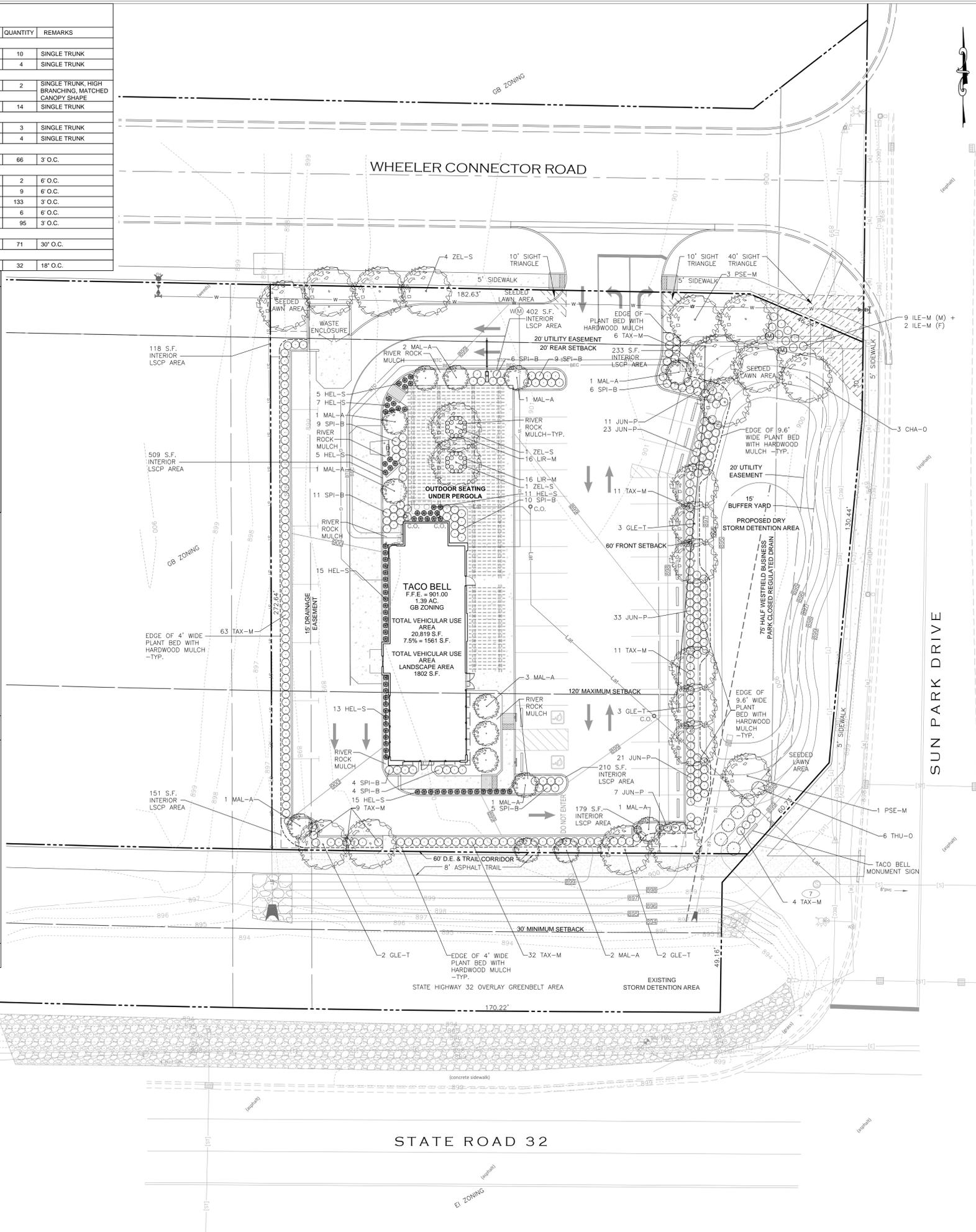
SCALE: NONE

NOTES: PLANT TREES 6" HIGH IN POOR DRAINING SOILS.
TREE STAKING IS FOR ALL TREES 5" CAL. OR LARGER.



LS-03 TREE PLANTING SECTION

SCALE: NONE



LEGEND OF EXISTING FEATURES

—	BUILDING SETBACK LINE	+	+	+	SIGNS
—	EASEMENT LINE	○	○	○	MONUMENT FOUND
—	RIGHT OF WAY LINE	○	○	○	MONUMENT SET
—	BOUNDARY LINE	○	○	○	BENCHMARK
—	CENTER LINE	○	○	○	SECTION CORNER
—	DRIVE / ROAD	○	○	○	DECIDUOUS TREE, SIZE
—	FENCE LINE	○	○	○	CONIFEROUS TREE, SIZE
—	GUARD RAIL	○	○	○	SHRUB
—	SWALE / FLOWLINE	○	○	○	PARKING COUNT
—	POND NORMAL POOL	○	○	○	TRANSFORMER / HVAC
—	INTERMEDIATE CONTOUR	○	○	○	PARKING LOT LIGHTING
—	INDEX CONTOUR	○	○	○	POWER POLE / DIRECTIONAL LIGHTING
—	BURIED ELECTRIC	○	○	○	ELECTRIC METER / GUY WIRE
—	OVERHEAD ELECTRIC	○	○	○	ELECTRIC METER / ELECTRIC MANHOLE
—	BURIED TELEPHONE	○	○	○	TELEPHONE PEDESTAL
—	OVERHEAD TELEPHONE	○	○	○	GAS METER / GAS VALVE / MARKER
—	BURIED CABLE TELEVISION	○	○	○	STORM MANHOLE / SANITARY MANHOLE
—	GAS LINE	○	○	○	STORM SEWER INLETS
—	STORM SEWER	○	○	○	FIRE HYDRANTS
—	SANITARY SEWER	○	○	○	CLEANOUT / DOWNSPOUT
—	FORCE MAIN	○	○	○	STORM SEWER ENDSECTION
—	WATER LINE	○	○	○	WATER VALVE
—	SPOT GRADE	○	○	○	POST INDICATOR VALVE (PIV)
—	STORM STRUCTURE No.	○	○	○	FIRE DEPARTMENT CONNECTION
—	RIM ELEVATION	○	○	○	TRAFFIC MANHOLE / TRAFFIC LIGHT
—	INVERT ELEVATION	○	○	○	SOIL BORING HOLE
—	SANITARY STRUCTURE No.	○	○	○	ADA PARKING SPACE
—	FLOOR ELEVATION	○	○	○	

LEGEND OF PROPOSED UTILITY IMPROVEMENTS

—	BURIED ELECTRIC CABLE	○	○	○	TRANSFORMER / HVAC
—	AERIAL ELECTRIC	○	○	○	PARKING LOT LIGHTING
—	BURIED TELEPHONE CABLE	○	○	○	AREA LIGHTING / DIRECTIONAL LIGHTING
—	AERIAL TELEPHONE	○	○	○	POWER POLE
—	BURIED CABLE TV	○	○	○	ELECTRIC METER / ELECTRIC MANHOLE
—	AERIAL CABLE TV	○	○	○	TELEPHONE PEDESTAL
—	BURIED ELECTRIC CABLE TV	○	○	○	GAS METER / GAS VALVE
—	AERIAL ELECTRIC CABLE TV	○	○	○	SEWER CLEANOUT
—	FIRE LINE	○	○	○	STORM MANHOLE / SANITARY MANHOLE
—	FORCE MAIN	○	○	○	STORM SEWER INLETS
—	GAS LINE	○	○	○	STORM SEWER ENDSECTION
—	SANITARY SEWER	○	○	○	BUILDING DOWNSPOUT
—	SANITARY SEWER LATERAL	○	○	○	UTILITY BENDS
—	STORM SEWER	○	○	○	UTILITY FITTINGS
—	SUB-SURFACE DRAIN (SSD)	○	○	○	WATER VALVES
—	WATER LINE	○	○	○	FIRE HYDRANT / FIRE HYDRANT, VALVE
—	STORM STRUCTURE No.	○	○	○	AIR RELIEF VALVE
—	RIM ELEVATION	○	○	○	BLOW-OFF ASSEMBLY
—	INVERT ELEVATION	○	○	○	POST INDICATOR VALVE
—	SANITARY STRUCTURE No.	○	○	○	FIRE DEPT. CONNECTION
—		○	○	○	WATER METER

NOTES:
SEE EXISTING CONDITIONS PLAN FOR EXISTING UTILITY FEATURES LEGEND. EXISTING UTILITY LINE TYPES ARE NOTED WITHIN BRACKETS.

LANDSCAPE NOTES

- ALL PLANTING BEDS TO INCORPORATE DEWITT WEED BARRIER, OR EQUIVALENT, BETWEEN A MINIMUM OF THREE INCHES OF SHREDDED HARDWOOD BARK MULCH AND A MINIMUM OF SIX INCHES OF TOPSOIL.
- AN APPROVED PRE-EMERGENT HERBICIDE SHALL BE APPLIED IN ALL PLANTING BEDS BEFORE AND AFTER MULCHING AT RATES SPECIFIED BY THE MANUFACTURER.
- ALL SOIL IN DESIGNATED PLANTING AREAS TO BE LOOSENEED BY LANDSCAPE CONTRACTOR TO DEPTH OF 6" PRIOR TO PLANTING.
- IT IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AND VERIFY THAT THE TOPSOIL IN THE PLANTING AREAS IS NOT OVER COMPACTED AND IS REASONABLY FREE FROM SUBSOIL, STONES, DOWNED TIMBER, BRUSH, ROOTS, STUMPS, RUBBISH, BROKEN CONCRETE, AND ANY OTHER MATERIAL THAT MAY IMPEDE THE ESTABLISHMENT OF THE PROPOSED PLANT MATERIAL.
- ALL DISTURBED LAWN AREAS TO BE FINAL GRADED AND SEEDING WITH LOCALLY GROWN TURFGRASS SEED MIX.
- ALL TREES AND EVERGREEN PLANT MATERIAL TO BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED.
- ALL SHRUBS MAY EITHER BE CONTAINER GROWN, OR BALLED AND BURLAPPED.
- TREE CALIPER SIZE INDICATES THE DIAMETER OF THE TRUNK TAKEN AT 6" ABOVE GROUND LEVEL OR AS INDICATED IN THE LANDSCAPE REQUIREMENTS.
- KEEP THE SOIL OF ALL BALLED AND CONTAINER PLANTS MOIST UNTIL THEY ARE PLANTED.
- ALL MATERIALS SHALL BE NURSERY GROWN AND CONFORM TO THE REQUIREMENTS DESCRIBED IN THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK, AS PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PROPOSED PLANT MATERIALS ARE SHOWN AT MATURE GROWTH. SPACE AS INDICATED ON PLANT LIST OR TO PROPER HORTICULTURAL METHODS.
- THE CONTRACTOR IS RESPONSIBLE FOR WEEDING, WATERING, AND MAINTENANCE OF ALL PLANT MATERIALS UNTIL FINAL ACCEPTANCE.

SURVEY AND BASE DISCLAIMER

Existing survey and base plan information as provided by EM&T dated 04/10/2013.

REVISIONS:

DATE: 05/01/13
PROJECT NO.: FRPS.25590

DRAWN BY: MAT
CHECKED BY:

SHEET TITLE: LANDSCAPE PLAN AND DETAILS

DRAWING FILES:

SHEET NO.:

Michael Thompson
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STATE OF INDIANA
PROFESSIONAL ENGINEER

DATE: 05/01/2013

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DATE: 05/01/13
PROJECT NO.: FRPS.25590

DRAWN BY: MAT
CHECKED BY:

SHEET TITLE: LANDSCAPE PLAN AND DETAILS

DRAWING FILES:

SHEET NO.:

C8.0

APPROVAL PENDING
NOT FOR CONSTRUCTION

Plot Date: May 01, 2013
Plot Time: 1:58pm
File Name: T:\Proposals\2013\25590_Taco Bell Permit Assistance\2012_1306\dwgs\C8.0.LP.dwg, Layout: C8.0
By: Thompsonma

