PLANNED UNIT DEVELOPMENT PLANS WINDSOR AT HILLVIEW - SECTION 3 FRANKLIN, INDIANA

 Image: Construction of the co

VICINITY MAP

OWNER/DEVELOPER

HILLVIEW PROPERTIES, LLC 7502 S. SUSAN LANE TRAFALGAR, IN 46181

ENGINEER

CROSSROAD ENGINEERS, PC 3417 SHERMAN DRIVE BEECH GROVE, IN 46107 PHONE: (317) 780-1555 CONTACT: GREGORY J. ILKO EMAIL: gilko@crossroadengineers.com

DELEVOPER

PAD COMMERCIAL LLC P.O. BOX 5 TRAFALGAR, IN 46181 PHONE: (317) 339-9729 CONTACT: PETE GRIMMER EMAIL: pete.grimmer@gmail.com

IRECTORY PATH : R:\Active\John Grimmer\Hillview CC Property\Old Town PUD Modifications\Design\CAD\PL
LENAME : 100 TITLE SHEET.dwg



LOCATION MAP

	PLAN INDEX					
SHEET #	SUBJECT					
100	TITLE SHEET					
200	TOPOGRAPHICAL SURVEY					
201	DETAILED PUD PLAN					
300-301	SITE DIMENSION PLAN					
302	STREET SYSTEM PLAN					
400-401	PRELIMINARY PLAT					
500-501	UTILITY PLAN					
600-602	LANDSCAPE PLAN					

			CROSSRORD	ENGINEER5, PC	DEVELOPMENT CONSULTANTS	5417 STEEMIAN URIVE BEECH GROVE, IN 46107 (317) 780-1555	URUSSKUAUENGINEEKS.CUM	SHEET 700
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LEGEND



TREE PRESERVATION NOTE ALL EXISTING, HEALTHY, MATURE TREES LOCATED WITHIN ANY

COMMON AREA THAT CAN BE PRESERVED BY THE PROJECT

	Boundary Curve Table										
Curve #	Length	Radius	Chord Direction	Chord Length							
C1	462.02'	865.00'	N19°24'35"W	456.55'							
C2	370.48'	2136.39'	N48°36'22"E	370.02'							
C3	323.40'	772.90'	N65°33'41"E	321.05'							
C4	65.98'	850.00'	N01°57'25"W	65.96'							



PREPARED BY:





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	LEGEND
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DEDICATION CERTIFICATE

WE THE UNDERSIGNED, HILLVIEW PROPERTIES, LLC, OWNERS OF REAL ESTATE SHOWN AND DESCRIBED HEREIN, DO HEREBY LAID OFF, PLATTED AND SUBDIVIDED, AND DO HEREBY LAY OFF, PLAT AND SUBDIVIDE SAID REAL ESTATE IN ACCORDANCE WITH THE WITHIN PLAT.

THE SUBDIVISION SHALL BE KNOWN AND DESIGNATED AS WINDSOR AT HILLVIEW – SECTION 3, AN ADDITION TO THE CITY OF FRANKLIN. ALL STREETS AND ALLEYS SHOWN AND NOT HERETOFORE DEDICATED, ARE HEREBY DEDICATED TO THE PUBLIC.

FRONT AND SIDE YARD BUILDING SETBACK LINES ARE HEREBY ESTABLISHED AS SHOWN ON THIS PLAT, BETWEEN WHICH LINES AND THE PROPERTY LINES OF THE STREET THERE SHALL BE ERECTED OR MAINTAINED NO BUILDING OR STRUCTURE.

THERE ARE STRIPS OF GROUND VARIOUS FEET IN WIDTH AS SHOWN ON THIS PLAT AND MARKED "EASEMENT", RESERVED FOR THE USE OF PUBLIC UTILITIES FOR THE INSTALLATION OF WATER AND SEWER MAINS, POLES, DUCTS, LINES AND WIRES, AND SIGNS SUBJECT AT ALL TIMES TO THE PROPER AUTHORITIES AND TO THE EASEMENT HEREIN RESERVED. NO PERMANENT OR OTHER STRUCTURES ARE TO BE ERECTED OR MAINTAINED UPON SAID STRIPS OF LAND, BUT OWNERS OF LOTS IN THIS SUBDIVISION SHALL TAKE THEIR TITLES SUBJECT TO THE RIGHTS OF THE PUBLIC UTILITIES.

ALL LANDS IN THE SUBDIVISION AND THE USE OF LANDS IN THIS SUBDIVISION BY PRESENT AND FUTURE OWNERS OR OCCUPANTS SHALL BE SUBJECT TO DECLARATION OF COVENANTS, AND THE RESTRICTIONS OF THE WINDSOR AT HILLVIEW – SECTION 3 OWNERSHIP ("DECLARATION") AS RECORDED IN INSTRUMENT NUMBER______ ON THE ____ DAY OF _____, ____ IN THE OFFICE OF THE RECORDER OF JOHNSON COUNTY, INDIANA. IN ADDITION.

NO IMPROVEMENTS, ALTERATIONS, REPAIRS, EXCAVATION, CHANGES IN GRADE OR OTHER WORK WHICH IN ANY WAY ALTERS THE EXTERIOR OF ANY LOT OR THE IMPROVEMENTS LOCATED THEREON FROM ITS NATURAL OR IMPROVED STATE EXISTING ON THE DATE SUCH LOT WAS FIRST CONVEYED IN FEE BY THE UNDERSIGNED TO AN OWNER SHALL BE MADE OR DONE WITHOUT THE PRIOR APPROVAL OF THE ARCHITECTURAL REVIEW BOARD, EXCEPT AS OTHERWISE EXPRESSLY PROVIDED IN THE ACCOMPANYING DECLARATION RECORDED IN CONJUNCTION WITH THIS PLAT, ON FILE AT THE JOHNSON COUNTY OFFICES.

THE FOREGOING COVENANTS, OR RESTRICTION, ARE TO RUN WITH THE LAND AND SHALL BE BINDING ON ALL PARTIES AND ALL PERSONS CLAIMING UNDER THEM UNTIL JANUARY 1, 2046, (A 25-YEAR PERIOD IS SUGGESTED), AT WHICH TIME SAID COVENANTS, OR RESTRICTIONS, SHALL BE AUTOMATICALLY EXTENDED FOR SUCCESSIVE PERIODS OF 10 YEARS UNLESS CHANGED BY VOTE OF A MAJORITY OF THE THEN OWNERS OF THE BUILDINGS COVERED BY THESE COVENANTS, OR RESTRICTIONS, IN WHOLE OR IN PART. INVALIDATION OF ANY ONE OF THE FOREGOING COVENANTS OR RESTRICTIONS, BY JUDGEMENT OR COURT ORDER, SHALL IN NO WAY AFFECT ANY OF THE OTHER COVENANTS OR RESTRICTIONS, WHICH SHALL REMAIN IN FULL FORCE AND EFFECT.

THE MAINTENANCE OF THE STORM DRAINAGE SYSTEM FOR THIS SUBDIVISION BY THE LOT OWNERS ASSOCIATION SHALL INCLUDE BUT SHALL NOT BE LIMITED TO THE MAINTENANCE OF ALL INLETS, OPEN DITCHES, PIPES, SWALES, MANHOLES AND DETENTION PONDS. THE COST AND EXPENSE OF SUCH MAINTENANCE SHALL BE ASSESSED AS PART OF THE GENERAL ASSESSMENT AGAINST THE OWNERS OF ALL LOTS IN THIS SUBDIVISION AS PROVIDED IN THE DECLARATION AND SHALL BE SECURED BY A LIEN AGAINST ALL LOTS IN THIS SUBDIVISION.

INVALIDATION OF ANY OF THE FOREGOING COVENANTS AND RESTRICTIONS BY JUDGMENT OR COURT ORDER SHALL IN NO WAY AFFECT REMAINING PORTIONS NOT SO AFFECTED.

THE RIGHT TO ENFORCE THESE PROVISIONS BY INJUNCTION, TOGETHER WITH THE RIGHT TO CAUSE THE REMOVAL, BY DUE PROCESS OF LAW, OF ANY STRUCTURE OR PART THEREOF ERECTED OR MAINTAINED IN VIOLATION HEREOF, IS HEREBY DEDICATED TO THE PUBLIC, AND RESERVED TO THE SEVERAL OWNERS OF THE SEVERAL LOTS IN THIS SUBDIVISION AND TO THEIR HEIRS AND ASSIGNS.

WITNESS OUR HANDS AND SEALS THIS _____ DAY OF _____, 2021.

CERTIFICATE OF APPROVAL

AFTER HAVING GIVEN PUBLIC NOTICE OF THE TIME, PLACE AND NATURE OF HEARING ON THE APPLICATION FOR PRIMARY APPROVAL OF THIS SUBDIVISION BY PUBLICATION IN A NEWSPAPER OF LOCAL CIRCULATION MORE THAN TEN (10) DAYS BEFORE THE HEARING THEREON, UNDER AUTHORITY PROVIDED BY THE GENERAL ASSEMBLY OF THE STATE OF INDIANA, THIS PLAT WAS GIVEN APPROVAL BY A MAJORITY OF THE MEMBERS OF THE FRANKLIN PLAN COMMISSION AT A MEETING HELD ON THE _____ DAY OF _____, 2021.

CITY OF FRANKLIN PLAN COMMISSION BY:

JIM MARTIN, PRESIDENT

SUZANNE FINDLEY, SECRETARY

THIS PLAT IS HEREBY RECOMMENDED FOR ACCPTANCE BY THE CITY OF FRANKLIN BY:

JOANNA MYERS, SENIOR PLANNER

MARK RICHARDS, CITY ENGINEER

BE IT RESOLVED BY THE BOARD OF PUBLIC WORKS AND SAFETY, CITY OF FRANKLIN, JOHNSON COUNTY, INDIANA, THAT THE DEDICATIONS SHOWN ON THIS PLAT ARE HEREBY APPROVED AND ACCEPTED THIS ______ DAY OF _____, 2021.

STEVE BARNETT, MAYOR MELISSA L. JONES, MEMBER

BOB SWINEHAMER, MEMBER

ATTEST:

JAYNE RHOADES, CLERK-TREASURER

ENTERED FOR TAXATION THIS _____ DAY OF _____, 2021.

PAMELA J. BURTON, AUDITOR

RECEIVED BY THE JOHNSON COUNY ASSESSOR THIS ____ DAY OF _____, 2021.

SURVEYOR'S CERTIFICATE

I, <u>GEORGE W. CHARLES, II</u>, HEREBY CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, LICENSED IN COMPLIANCE WITH THE LAWS OF THE STATE OF INDIANA. THAT THIS PLAT WAS PREPARED FROM A SURVEY PERFORMED BY CKW LAND SURVEYING, INC DATED JUNE 7, 2013 AND THAT THIS SURVEY IS IN ACCORDANCE WITH TITLE 865, ARTICLE 1, AND RULE 12 OF INDIANA ADMINISTRATIVE CODE.

THIS SUBDIVISION IS SUBJECT TO ALL DRAINAGE SYSTEM DESIGN AND

CONSTRUCTION STANDARDS OF THE FRANKLIN SUBDIVISION CONTROL

ORDINANCE, ALL OTHER APPLICABLE ADOPTED STANDARDS OF THE CITY OF

FRANKLIN, AND THE REQUIREMENTS OF THE CITY ENGINEER THAT PROVIDE

FOR THE REPAIR AND MAINTENANCE OF THE SYSTEM. PROPER FUNCTION AND MAINTENANCE OF THE DRAINAGE SYSTEM MAY BE ENFORCED BY THE

BOARD OF PUBLIC WORKS AND THE CITY ENGINEER. DRAINAGE EASEMENTS

SHALL PROVIDE THE CITY OF FRANKLIN THE RIGHT OF ACCESS.

Curve	Table:	Boundary
		J

Curve #	Length	Radius	Chord Direction	Chord Length
C1	83.24'	251.85'	N50°51'52"W	82.86'
C2	462.02'	865.00'	N19°24'35"W	456.55'
C3	370.48'	2136.39'	N48°36'22"E	370.02'

	Cur	rve Tab	le: Alignments	
Curve #	Radius	Length	Chord Direction	Chord Length
C4	100.00'	104.25'	N38°34'40"W	99.59 '
C5	1035.00'	306.33'	N17°11'30"W	305.21'
C6	100.00'	82.81'	N01°56'54"W	80.46'
C7	500.00'	277.51'	N37°40'26"E	273.96'
C8	100.00'	101.58'	N07°19'34"W	97.27'

		Curve	Table: Lot	
Curve #	Length	Radius	Chord Direction	Chord Length
C9	83.23'	255.00'	N50°51'52"W	82.86'
C10	461.95'	880.00'	S19 ° 08'48"E	456.67'
C11	14.17'	2081.37'	N43°49'59"E	14.17'
C12	91.59'	2081.37'	N45°17'20"E	91.59'
C13	86.44'	2081.37'	N47°44'21"E	86.43'
C14	76.69'	2081.37'	N49°59'04"E	76.69'
C15	76.57'	2081.37'	N52°05'38"E	76.56'
C16	15.49'	2081.37'	N53°21'40"E	15.49'
C17	20.42'	13.00'	N08°34'27"E	18.38'
C18	20.42'	13.00'	N23°13'35"W	18.38'
C19	20.42'	13.00'	N66°46'25"E	18.38'
C20	20.47'	13.00'	N23°20'05"W	18.42'
C21	279.64'	1190.00'	N17°45'49"W	278.99'
C22	191.48'	345.00'	N37°40'26"E	189.03'
C23	20.42'	13.00'	S81°25'33"E	18.38'
C24	20.37'	13.00'	N66°39'55"E	18.35'

	RECEIVED FOR RECORD THIS DAY OF, 2021.
	AT AND RECORDED IN PLAT BOOK PAGE
STATE OF INDIANA)	FEE
) SS: COUNTY OF JOHNSON)	
BEFORE ME THE UNDERSIGNED NOTARY PUBLIC, IN AND FOR THE COUNTY AND STATE, PERSONALLY APPEARED	TERESA K. PETRO, RECORDER

SHEET

STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH INDIANA AMERICAN WATER FOF CONNECTION AND TESTING PROCEDURES AND REQUIREMENTS. ALL WATER MAIN SHALL BE INSTALLED WITH A MINIMUM 54 INCHES OF COVER FROM FINISH GRADE. MAIN SHALL BE DEFLECTED AS REQUIRED TO MAINTAIN MINIMUM SEPARATION REQUIREMENTS AT ALL UTILITY CROSSINGS. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES AND BUILDING PLANS FOR WATER, CABLE, ELECTRIC, AND TELEPHONE CONNECTION SERVICE POINTS. ALL LIGHTING FIXTURES AND POLES SHALL CONTRACTOR TO COORDINATE WITH DUKE ENERGY FOR NECESSARY ELECTRIC SERVICE REQUIREMENTS AND SPECIFICATIONS, AND BUILDING PLANS FOR ALL SERVICE POINTS AT EACH BUILDING. ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW DRAINAGE

MANHOLE, AND ONE (1) GREEN METAL SIGN POST AT EACH LATERAL STUB. CONTRACTOR SHALL PROTECT

LINES, AND TRANSFORMER LOCATIONS. ALSO, COORDINATE WITH DUKE ENERGY FOR ALL CONDUIT COORDINATE INSTALLATION OF FIRE HYDRANTS WITH INDIANA AMERICAN WATER AND THE CITY OF FRANKLIN

FRANKLIN FIRE DEPARTMENT REQUIREMENTS. ALL HYDRANTS ARE TO BE YELLOW WITH THE TOP CAP COLOR CODED TO SHOW WATER FLOW, AS FOLLOWS: 1500 gpm=BLUE, 1000-1499 gpm=GREEN, AND 500-998 gpm=ORANGE. ALL HYDRANTS SHALL HAVE A STORZ CONNECTION.

SANITARY SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH THE CITY OF FRANKLIN WASTEWATER STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH THE FRANKLIN WASTEWATER UTILITY FOR ALL INSTALLATION AND TESTING PROCEDURES AND REQUIREMENTS.

AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

LOT 89 ±10713 Sq. Ft. ±0.246 Acres

INSTALL FIRE

INSTALL FIRE

LOT 93

±13000 Sq. Ft.

±0.298 Acres

HYDRANT ASSEMBLY

HYDRANT ASSEMBLY

LOT 92

±13614 Sq. Ft. ±0.313 Acres

INSTALL 106 LFT OF 8"

C-900 PVC WATER MAIN

COORDINATE WITH

INDIANA AMERICAN WATER

FOR ALL WATER MAIN

EXTENSION STANDARDS

AND SPECIFICATIONS.

LOT 90 ±10715 Sq. Ft. ±0.246 Acres

LOT 91 ±14115 Sq. Ft. ±0.324 Acres

S38°20'35"E 50.03'

UTILITIES NOTES

- WATER MAIN INSTALLATION SHALL BE IN ACCORDANCE WITH THE INDIANA AMERICAN WATER UTILIT STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH INDIANA AMERICAN WATER FOR CONNECTION AND TESTING PROCEDURES AND REQUIREMENTS. ALL WATER MAIN SHALL BE INSTALLED WITH A MINIMUM 54 INCHES OF COVER FROM FINISH GRADE. MAIN SHALL BE DEFLECTED AS REQUIRED TO MAINTAIN MINIMUM SEPARATION REQUIREMENTS AT ALL UTILITY CROSSINGS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
- CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES AND BUILDING PLANS FOR WATER, CABLE, ELECTRIC, AND TELEPHONE CONNECTION SERVICE POINTS. ALL LIGHTING FIXTURES AND POLES SHALL
- BE PER OWNER, PUD DOCUMENTS, AND DUKE ENERGY. CONTRACTOR TO COORDINATE WITH DUKE ENERGY FOR NECESSARY ELECTRIC SERVICE REQUIREMENTS AND
- SPECIFICATIONS, AND BUILDING PLANS FOR ALL SERVICE POINTS AT EACH BUILDING. ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW DRAINAGE FACILITIES.
- DURING CONSTRUCTION, CONTRACTOR SHALL INSTALL TWO (2) GREEN METAL SIGN POSTS AT EACH SANITARY MANHOLE, AND ONE (1) GREEN METAL SIGN POST AT EACH LATERAL STUB. CONTRACTOR SHALL PROTECT POSTS DURING CONSTRUCTION ACTIVITIES. ALL UNDERDRAIN PIPE SHALL BE 6" PERFORATED HDPE.
- CONTRACTOR SHALL COORDINATE WITH DUKE ENERGY FOR ALL PRIMARY SERVICE LINES, SECONDARY SERVICE LINES, AND TRANSFORMER LOCATIONS. ALSO, COORDINATE WITH DUKE ENERGY FOR ALL CONDUIT REQUIREMENTS.
- COORDINATE INSTALLATION OF FIRE HYDRANTS WITH INDIANA AMERICAN WATER AND THE CITY OF FRANKLIN FIRE DEPARTMENT. TYPE, MATERIAL, AND MANUFACTURER OF FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH FRANKLIN FIRE DEPARTMENT REQUIREMENTS. ALL HYDRANTS ARE TO BE YELLOW WITH THE TOP CAP COLOR CODED TO SHOW WATER FLOW, AS FOLLOWS: 1500 gpm=BLUE, 1000-1499 gpm=GREEN, AND 500-999 gpm=ORANGE. ALL HYDRANTS SHALL HAVE A STORZ CONNECTION.
- ALL HYDRANTS WITHIN 300 FEET SHALL BE OPERATIONAL BEFORE ANY ABOVE GRADE CONSTRUCTION. SANITARY SEWER INSTALLATION SHALL BE IN ACCORDANCE WITH THE CITY OF FRANKLIN WASTEWATER
- STANDARDS AND SPECIFICATIONS. CONTRACTOR SHALL COORDINATE WITH THE FRANKLIN WASTEWATER UTILITY FOR ALL INSTALLATION AND TESTING PROCEDURES AND REQUIREMENTS. . EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS
- DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.

PROPOSED LEGEND				
(5) -		PROPERT SECTION PHASE LI SETBACK DITCH LIN SANITARY WITH MAN	Y LINE LINE NE LINE IE SEWER IHOLE	
ST PW -	PW PW	STORM SE & END SI WATER LI	EWER W/MANHOLE ECTION NE	
ير م ٦٢	DECORATIVE LIGHT POLI AND FOUNDATION (PER OWNER/PUD) SIGN TAPPING SLEEVE	I J 🛄 F	WATER TEE STORM INLETS 45° BEND 11.25° BEND	
• •••	WATER VALVE FIRE HYDRANT	ľ	22.5° BEND	

1. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL VEGETATION AND LEAVING ALL LANDSCAPE AREAS AT TWO INCHES BELOW FINAL GRADE, EXCEPT FOR THE DETENTION POND AREA; GENERAL CONTRACTOR IS RESPONSIBLE FOR BRINGING THE POND AREA TO FINAL GRADE. THE LANDSCAPE CONTRACTOR WILL PROVIDE AND SPREAD A COMPACTED TWO INCH DEPTH OF LOAMY TOPSOIL IN ALL TURF AREAS - BRINGING THESE AREAS TO TOP OF CURB/FINAL GRADE (COMPACTED). THE LANDSCAPE CONTRACTOR WILL PROVIDE AND INSTALL A FOUR INCH DEPTH OF PLANTING MIX TO ALL PLANTING BEDS - CROWNING FOR PROPER DRAINAGE. (SEE SPECIFICATIONS FOR MORE DETAILED INSTRUCTION ON TURF AREA AND PLANTING BED PREPARATION.) 2. A THREE INCH DEPTH OF SHREDDED HARDWOOD BARK MULCH WILL BE USED AS A TOPDRESSING FOR ALL PLANTING BEDS AND TREE RINGS.

3. LANDSCAPE CONTRACTOR SHALL MAKE OWN PLANT QUANTITY TAKEOFFS USING DRAWINGS, SPECIFICATIONS AND PLANT SCHEDULE. PLANT SCHEDULE REQUIREMENTS (I.E. SPACING) DICTATE, UNLESS OTHERWISE DIRECTED BY THE LANDSCAPE DESIGNER. LANDSCAPE CONTRACTOR TO VERIFY BED MEASUREMENTS AND INSTALL APPROPRIATE QUANTITIES AS GOVERNED BY THE THE PLANT SPACING PER THE SCHEDULE. ENSURE ALL MINIMUM REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY ARE MET (I.E. MINIMUM PLANT

4. NO SUBSTITUTIONS OF PLANT MATERIALS WILL BE ALLOWED. IF PLANTS ARE NOT AVAILABLE, THE LANDSCAPE CONTRACTOR SHALL NOTIFY THE LANDSCAPE DESIGNER IN WRITING (VIA PROPER CHANNELS). PLANTS MAY BE INSPECTED AND APPROVED OR REJECTED ON THE JOBSITE BY THE OWNER OR THE OWNER'S REPRESENTATIVE. 5. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE LANDSCAPE MAINTENANCE OF THIS PROJECT UNTIL FINAL ACCEPTANCE. TURF AREAS WILL NOT BE

LANDSCAPE NOTES:

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- OWNER'S REPRESENTATIVE. 5. LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR THE LANDSCAPE MAINTENANCE OF THIS PROJECT UNTIL FINAL ACCEPTANCE. TURF AREAS WILL NOT BE ACCEPTED UNTIL THEY AREA AT A MINIMUM OF 1-1/2 INCHES TALL, AND NO BARE AREAS LARGER THAN 12 SQUARE INCHES.

1-800-382-5544 or 811 CALL TOLL FREE PER INDIANA STATE LAW IS-69-1991. IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

SHEET

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LANDSCAPE PLANTING SPECIFICATIONS

QUALIFICATIONS OF LANDSCAPE CONTRACTOR

1. The landscaping shall be performed by a single firm specializing in landscape

2. A list of successfully completed projects of this type, size and nature may be requested by the Owner for further qualification measures.

3. The Landscape Contractor must hold a valid Nursery and Floral Certificate issued by the Indiana Department of Agriculture, as well as operate under a Commercial Pesticide Applicator License - issued by either the Indiana Department of Agriculture or the Indiana Structural Pest Control Board.

SCOPE OF WORK

1. Work covered by these sections includes the furnishing of any paying for all materials, labor, services, equipment, licenses, taxes and any other items that are necessary for the execution, installation and completion of all work, specified herein and / or shown on the Landscape Plan.

2. All work shall be performed in accordance with all applicable laws, codes and regulations required by authorities having jurisdiction over such work and provide all inspections and permits required by federal, state and local authorities in supply, transportation and installation of materials.

3. The Landscape Contractor is responsible for the verification of all underground utility lines (telephone, gas, water, electrical, cable, television, etc...) prior to the start of any work.

PLANT MATERIALS

1. Provide plants typical of their species or variety, with normal, densely developed branches and vigorous, fibrous root systems.

2. Provide only sound, healthy, vigorous plants free from defects, disfiguring knots, sunscald injuries, frost cracks, abrasions of the bark, plant disease, insect eggs, borers and all other forms of infestation.

3. All plants shall be balled and burlapped or container grown as specified. No container grown stock will be accepted if it is root bound. All root wrapping material made of synthetics shall be removed at time of planting. 4. All material shall conform to the guidelines established by the American Association of Nurseryman.

5. Cracked or mushroomed rootballs are not acceptable. 6. Caliper measurement for standard (single trunk) trees shall be taken as

follows: Six inches above the natural grade line for trees up to and including four inches in caliper; and twelve inches above the natural grade line for trees exceeding four inches in caliper - unless specified differently on the Landscape Plan.

7. Multi-trunk trees shall be measured by their overall planted height.

PRODUCTS

1. All manufactured products will be new.

2. Topsoil: A friable, loamy topsoil (or silty sand) with minimal clay clods.

3. Planting Mix: An equal part mixture of topsoil, sand and compost. 4. Starter Fertilizer: A 13-13-13 ratio with 25% scu, 5% sulfur, 2% iron and additional micronutrients.

5. Pre-Emergence: Any granular, non-staining pre-emergence that is labeled for the specific ornamentals or turf it will be utilized on. A pre-emergence herbicide is to be applied per the manufacturer's labeled rates.

6. Mulch: As specified on the planting plan - well decomposed.

7. Steel Edging: Professional steel edging, 14 gauge thick x 4 inches wide factory painted dark green. Acceptable manufacturers include Col-Met or approved equal.

8. Weed Barrier: A 5 ounce, woven, needle-punched fabric. Acceptable product includes DeWitt' Pro 5, or approved equal. 9. Tree Stakes: 6' green metal t-posts

10. Tree Chain: 1" wide plastic tree chain

TREE PLANTING

1. Tree holes shall be excavated to a width of two times the width of the rootball, and to a depth equal to the depth of the rootball (less two inches). 2. Scarify the sides and bottom of the tree hole prior to the placement of the tree. Remove any glazing that may have been caused during the excavation of the hole.

3. Install the tree so the top of the rootball is one to two inches above the surrounding grade.

4. Backfill the tree hole utilizing the existing topsoil from on-site. Clay, rocks and other debris shall be removed from the soil prior to the backfill. Should additional soil be required to accomplish this task, import additional topsoil from off-site, add no additional cost to the Owner.

5. The total number of tree stakes (beyond the minimum's listed below) will be left to the Landscape Contractor's discretion. Should any trees fall or lean, it will be the responsibility of the Landscape Contractor to straighten the tree, or replace it should it become damaged. Tree staking will consists of, at a minimum:

15 - 30 gal Trees	(2) Stakes per Tree
45 - 100 gal Trees	(3) Stakes per Tree
Multi-Trunk Trees	No Minimum

6. Upon completion of the planting, an earth watering basin will be constructed around the tree. The interior of the tree ring will then be covered with the weed barrier cloth, and topdressed with a three inch layer of mulch.

SHRUB AND GROUNDCOVER PLANTING

1. Upon approval of the grade left by the General Contractor, the Landscape Contractor will rototill the proposed bed locations (BEFORE adding the imported soil). A four inch depth of the specified planting mix will then be evenly spread over the designated bed area. The planting bed will then be rototilled AGAIN, and a pre-emerence and starter fertilizer will be applied. 2. The planting bed will then be hand raked smooth and crowned for proper drainage.

3. Dig the hold twice as wide as the plant's rootball. Install the plant in the hole. Backfill around the plant.

4. Install the weed barrier cloth, overlapping it at the ends. Utilize steel staples to keep the weed barrier cloth in place.

5. A two inch depth of mulch will then be installed as a top dressing, covering the entire planting area.

TURF AREA PREPARATION

1. The General Contractor will leave all turf areas (excluding the detention ponds) at two (2) inches below final grade. The Landscape Contractor shall import and spread a compacted two inch depth of loamy topsoil - ensuring the soil is compacted.

2. Landscape Contractor will ensure all areas are crowned for proper drainage 3. Apply the starter fertilizer.

SODDING

1. Sod variety to be as specified on the Landscape Plan. 2. Lay sod within 24 hours from the time of stripping. Do not lay if the ground is frozen.

3. Lay the sod to form a solid mass with tightly fitted joints. Butt ends and sides of sod strips - do not overlap. Stagger strips to offset joints in adjacent courses. 4. Water the sod thoroughly with a fine spray immediately after planting to

obtain at least six inches of penetration into the soil below the sod. 5. Roll the sod to ensure good contact of the sod's root system with the soil underneath.

HYDROMULCHING

1. The hydromulch mix (per 1,000 sf) shall be as follows:

35#	Cellulose Fiber Mulch
$JJ\pi$	Cellulose Fiber Muleii
2#	Fescue Seed
1#	Annual Rye Seed
10#	15-15-15 Water Soluble Fertilize

CLEAN UP

1. During landscape preparation and planting, keep all pavement clean and all work areas in a neat, orderly condition. 2. All excavated materials will be disposed of legally off the project site.

INSPECTION AND ACCEPTANCE

1. Upon completion of the work, provide the site clean and free of materials and suitable fro use as intended. 2. When the planting work is completed, the Owner will make an inspection to

determine acceptability. 3. When the inspected planting work does not comply with the contract documents, replace the rejected work within 24 hours. 4. Landscape maintenance will continue until re-inspected by the Owner and found to be acceptable. Once acceptable, Final Acceptance will be issued, and the required maintenance period will commence.

LANDSCAPE MAINTENANCE

1. The maintenance period shall commence once Final Acceptance has been issued by the Owner, and shall continue for a period of ninety (90) days. 2. The monitoring and scheduling of the irrigation system will be the responsibility of the Landscape Contractor during this time. Coordinate all scheduling and any access requirements with the Owner. 3. Landscape maintenance shall include, but not be limited to: WEEKLY SITE VISITS FOR mowing, edging, blowing, weeding, trimming, pruning, fertilizing, weed control, insect control, disease control, re-staking, re-setting of plants to their proper grade or their upright position, and any other means to keep the plantings healthy, free of insects and diseases, and in a continual thriving condition.

WARRANTY PERIOD, PLANT GUARANTEE AND REPLACEMENTS

1. Plant materials supplied shall be warrantied to remain alive and healthy for a period of twelve (12) months after the date of Final Acceptance by Owner {seasonal annuals for 90 days from Final Acceptance}. Plants in an impaired, dead or dying condition after initial acceptance or within the warranty period shall be removed and replaced immediately to the satisfaction of the Owner.

RECORD DRAWINGS

1. Provide a minimum of (2) copies of record drawings to the Owner upon completion of work. A record drawing is a record of all changes that occurred in the field and that are documented through change orders, addenda, or contractor/consultant drawing markups.

