**DEV24-03** 

**312 Opportunity Pkwy**, ANS Properties, LLC dba High Point Lodging requests approval of a **Development Plan** to **construct a hotel with conference center** within Progress Park Section 1 Block C, +/- 3.90 acres. Zoned BP – Business Park.

#### **Exhibits:**

- 1. Elevations Dated 2-21-24
- 2. Site Plan Dated 9-20-2024
- 3. Selected Pages from Civil Plans Dated 11/18/2024
- 4. Landscape Plan Dated 10/24/2024

#### **Location and Surrounding Uses:**



**Aerial Map** 



Zoning Map, Commercial North

North IBP – Industrial: Business Park (County – Residential & Undeveloped)

South BP – Business Park – (Elanco Campus)
East BP – Business Park – (Undeveloped)
West BP – Business Park – (Undeveloped)

#### History:

The site is an empty lot located on Opportunity Parkway on the north side of Progress Park subdivision platted in 2009. Progress Park is currently home to Elanco Animal Health south of the proposed site. Directly west of the proposed site is vacant property that received approval in 2022 for a 240-unit apartment complex.

The UDO was recently updated to restrict the type and number of hotel establishments in each of the Business Park districts throughout the city. This was done to encourage hotels with conference centers that will serve the surrounding industry.

This development was reviewed at the BZA on November 19, 2024, where it was given Conditional Use Approval by the BZA with 5 conditions.

#### **Current Development Plan Proposal**

The UDO requires both a conditional use approval and a development plan approval for hotels in the Business Park District. Furthermore, the UDO requires that there be only one hotel established in an individual business park district, that it has a minimum of 100 guest rooms with access from an interior corridor, a lobby staffed 24 hours 7 days a week, a business center adjacent to the lobby, a conference space of at least 3000 square feet, and that it is located a minimum of 1000 feet from any heavy manufacturing use.

The petitioner is seeking development plan approval to establish the only hotel in this business park. The proposed hotel is four stories tall containing 108 guest rooms accessed from an interior corridor. The building's total square footage is approximately 73,673 square feet. The lobby will be staffed 24 hours a day 7 days a week. Directly adjacent to the lobby there is a lounge with seating provided at several tables and six workspaces. In this area there is also a breakfast buffet, a conference room, and an outdoor patio with seating. Located directly off the lobby is a pool and work-out room. The petitioner has included a 3000 square foot conference center that has an accordion wall that can divide the space into two rooms. Located adjacent to the conference center is a prep-kitchen, storage room, pre-function area, and restrooms. The proposed hotel will be more than 1000 feet from any heavy manufacturing uses. The petitioner is proposing 150 parking spaces of which 5 are handicap spaces and 6 are electric vehicle charging spaces.

#### **Tech Review**

Tech Review for this proposal was held in person on Wednesday November 6. The primary concerns noted by the various departments revolved around the gas line and drainage easements surrounding the property. There have also been concerns raised from the Fire Department regarding the low number and precise location of Fire Hydrants on site. These issues were noted by all appropriate stakeholders, and it was agreed that these will be reviewed and resolved prior to the permitting process.

#### **Access**

Primary vehicular access will be from 2 entries off of Opportunity Parkway. A secondary access will be available in the future by a parking lot connector to the east once future development happens on those lots. Pedestrian access will be via sidewalks, both internal and external. The internal sidewalk surrounds the building and follow the parking lot connector to the easterly property, allowing for future connections there. The external sidewalk follows Opportunity Parkway in the Right of Way. However, this sidewalk is not shown along the whole of the property. It will need to be extended to the east to meet City Standards.

**Findings:** Staff finds that this proposal does not negatively impact vehicular access to this or neighboring sites, nor does it negatively impact pedestrian access to any portion of this or neighboring sites. Both vehicular and pedestrian access have been adequately considered and accommodated on this site, with the exception of the sidewalk along Opportunity Pkwy, which will need to be extended to the eastern property line to meet City Standards.

#### Development Standards – BP (Business Park)

**Building Placement and Standards-** Setbacks in the BP zoned districts are generally determined by the Buffer Yard requirements based on the uses but do have minimum setback requirements regardless of those Buffer Yard requirements. They have a front building setback requirement of 35' minimum for buildings over 2 stories tall. They have a side and rear building setback requirement of 10' minimum. The Buffer Yard

requirements based on this use and surrounding uses is 10' (Incoming Corridor Commercial x Existing Industrial). Building Height Maximum is 45' for this use in the BP district. Lot Coverage maximum is 70% for this use in the BP district.

**Findings:** The proposed building has at least 59' of setback along the front, and at least 88' of setbacks along the side and rear of the building, well exceeding the minimum requirements.

The proposed building is 59' tall. The UDO allows 2 additional feet in building height for every 1 additional foot of setback. The building is set back more than 24' beyond the required 35' from the property line, allowing for more than 48' of additional building height. This is more than sufficient to allow for the height overage as compared to standard maximums for this use and district.

The proposed building covers approximately 13.8% of the lot, and the proposed parking lot covers approximately 42.4% of the lot, giving a total lot coverage of approximately 56.2% proposed. This is well within the allowed 70% lot coverage for this use in this district.

Staff finds that the proposed development meets all relevant setback, height, and lot coverage standards for this site and proposed use as compared to the UDO standard requirements.

Landscaping- This use is considered Corridor Commercial (generally). As an incoming use, this requires "Small" (10') landscape buffer yards abutting industrial on the east, west, and south of the property. Small Landscape Buffers require 2 deciduous shade trees and 10 shrubs per 100 linear feet. It also requires a "Medium" (20') landscape buffer yard abutting residential properties to the north. Medium Landscape Buffers require 3 deciduous shade trees and 10 shrubs per 100 linear feet.

Landscaping within Parking Lots with between 51 and 200 spaces (this proposal has 149 proposed spaces) has extensive requirements in the UDO, but these can be summarized as requiring islands at least every 15 spaces with trees, shrubs, grasses, and /or flowers or groundcover within them; requiring a 5' wide permitter planting strip surrounding the parking lot; and requiring trees and shrubs within the landscaped areas of the parking lot based on the square footage of that parking lot.

**Findings:** This site has a Gas Easement along the North and West property boundaries which restricts the available location of landscaped plantings beyond grass lawns. That being said, sufficient room has been allocated on all sides of the property for extensive landscaping to be installed surrounding the Parking Lot. The UDO allows for Landscape Buffers from various parts of the code to be combined, and this Petitioner is doing so with their Use-based Landscape Buffering and their Parking Lot Landscaping. Staff finds that the provided landscape plans more than adequately meet the UDO's landscape requirements in all relevant manners.

The single unresolved issue regarding Landscaping is that the current plans do not have the required Landscape Architect name, seal, and signature to be considered finalized plans. Once these have been provided to the Planning Department, the Planning Director will review and provide final approval of the Landscape Plans prior to permitting.

**Parking-** Parking Requirements within the BP District for Lodging are 1 per guest + 1 per employee on the largest shift. Parking Requirements for Conference and Event Spaces is 25% of the maximum capacity OR 1 per 200 square feet of assembly space.

**Findings:** There are 108 proposed rooms within the hotel and approximately 3000 square feet of Conference and Event Space. There are expected to be 12 employees on the largest shift. This puts the minimum number of parking spaces at 120, with a maximum of 180. The petitioner is proposing 149 parking spaces, of which 5 are handicap spaces and 6 are electric vehicle charging spaces. The petitioner has further agreed to actively restrict large vehicles from parking on their lot (such as semi-trucks) as part of an ongoing effort from the city to prevent properties from becoming defacto truck stops near I-70.

Staff finds that all parking requirements have been met by the proposal. Staff further finds that EV Charging accommodations being accounted for aligns with the EV Charging Plan for the city which was recently completed and is being incorporated into the Comprehensive Plan.

### In General the Plan Commission must be satisfied that the development meets the following five premises:

1. Compatibility with surrounding land uses- The surrounding Land Uses are primarily undeveloped or agricultural land and the Elanco complex to the east, west, and south. Residential and wooded lands border the property to the north.

**Findings:** This proposal will not negatively impact the compatibility of the property with surrounding parcels. The hotel is set well within the required setbacks and provides landscaping as a buffer. The Business Park District ordinance encourages personal services in a mixed-use building. Due to the size of the parcel, and the large gas line easements staff finds the use as a hotel and conference center not contained in a mixed-use structure is appropriate. The use as a hotel and conference center will be an asset providing a needed service to the other occupants of the business park. Of important note is the fact that the Elanco Complex to the south, and the Business Park district, are major draws for traveling professionals visiting the region. These are professionals who will have an increasing need for hotels tailored to their particular needs with business centers, conference spaces, and the like.

2. Utility availability-

**Findings:** All appropriate utilities are available at the site.

3. Traffic Management that is favorable to health, safety, convenience, and the harmonious development of the community-

**Findings:** There is adequate traffic flow and access for traffic and emergency response vehicles on the public right-of-way and the location of the improvements on the site allow for adequate circulation for emergency and passenger vehicles. The site includes a drop off with by-pass at the front entry of the building. The site is accessible from two entry points along Opportunity Parkway which have been reviewed and approved by the City Engineer. The site is currently improved with a sidewalk that extends approximately 220 lineal feet from the west property line going east. This sidewalk will need to be extended to the east property line of this site for adequate pedestrian safety and convenience. Staff finds that the expected vehicular traffic coming to and from the site is compatible with other permitted uses in the business park district.

4. Vehicular and pedestrian circulation on-site, with appropriate tie-ins to adjacent public circulation systems -

**Findings:** Staff finds that there will be no negative impact on the ability of vehicles or pedestrians to navigate to, through, or around the site based on the proposed plan. If the sidewalk along Opportunity Pkwy is continued to the east property line, then all necessary connections to adjoining properties will be accounted for.

5. Compatibility of scale, materials, and style of improvements with the surrounding area. The style of the architecture of the buildings and structures proposed to be constructed shall be subject to the approval of the Plan Commission. The approval shall be based on the architectural style creating or continuing a unified design which will be in character and proper relationship to the surrounding areas.

**Findings:** The size, style, and architectural details of the proposed building are all comparable to other hotels in the region built recently. Though there are few buildings north of I-70 for this to directly compare to, the textured material, massing, and color palette used all work favorably with both the current Elanco Complex to the south and the Design Guidelines for this district. Staff finds the proposed building design to be appropriate in all regards and a good example for future developments in this district to follow.

**Staff Recommendation: Approve** the **Development Plan** to **construct a hotel with conference center** within Progress Park Section 1 Block C, subject to the findings in the staff report and the following conditions:

- 1. All signs shall follow, adhere to, and be in compliance with City of Greenfield Sign Regulations including but not limited to those found in UDO Section 155.065.
- 2. The existing sidewalk along Opportunity Pkwy shall be extended to the east property line.
- 3. No semi-truck parking shall be allowed on the lot.
- 4. All necessary Construction Design Releases and Improvement Location Permits shall be obtained.



## SPRINGHILL SUITES PROGRESS PARK, BLOCK 'C'

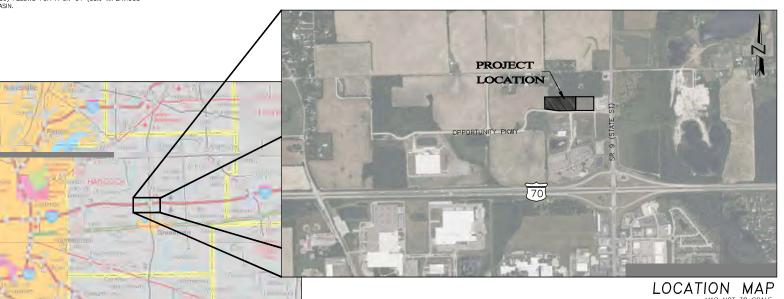
## SITE DEVELOPMENT PLANS

#### LAND SURFACE TABLE

	EXISTING CONDITION		DEVELOPED CONDITION		
	AREA	PERCENT	AREA	PERCENT	
IMPERVIOUS	0 SFT	0.0%	97,182 SFT	56.2%	
LANDSCAPE/LAWN	172,830 SFT	100.0%	75,648 SFT	43.8%	
TOTALS	172,830 SFT	100.0%	172,830 SFT	100.0%	

DESIGN DRAINAGE REPORT FOR BUSINESS PARK INFRASTRUCTURE

312 OPPORTUNITY PARKWAY GREENFIELD, INDIANA



#### **INDEX**

C1.0	TITLE SHEET
01 of 01	RETRACEMENT & TOPOGRAPHIC SURVEY
C3.0	MASTER SITE DEVELOPMENT PLAN
C3.1	SITE DEVELOPMENT PLAN
C4.0	GRADING & DRAINAGE
C5.0	UTILITY PLAN
C6.0-C6.2	STORMWATER POLLUTION PREVENTION PLAN
C7.0-C7.2	SITE DEVELOPMENT DETAILS
C7.3	UTILITY DETAILS
C7.4	WATER SERVICE DETAILS
C7.5	SANITARY SERVICE DETAILS
C7.6-C7.7	STORM SEWER DETAILS
C7.8-C7.11	CONSTRUCTION SWPPP DETAILS

ENGINEER:

Gensic Engineering Inc Civil Engineers

> 407 Airport North Office Park Fort Wayne, IN 46825 260 489-7643

#### UTILITIES

STORM WATER— CITY OF GREENFIELD — STORM WATER 10 S STATE STREET GREENFIELD, INDIANA 46140 PHONE (317) 477-4320

TRANSPORTATION— CITY OF GREENFIELD — PUBLIC WORKS 10 S STATE STREET GREENFIELD, INDIANA 46140 PHONE (317) 272-0948

SEWER- CITY OF GREENFIELD - WASTEWATER 10 S STATE STREET GREENFIELD, INDIANA 46140 PHONE (317) 477-4360

WATER— CITY OF GREENFIELD — WATER DEPARTMENT 10 S STATE STREET GREENFIELD, INDIANA 46140 PHONE (317) 477—4350

ELECTRIC- CITY OF GREENFIELD - POWER & LIGHT

GAS— CENTERPOINT ENERGY 2001 REVEREND J.T. MENIFEE STREET ANDERSON, INDIANA 46016

PHONE (800) 227-1376

VICINITY MAP

xI 1346 N STATE STREET GREENFIELD, INDIANA 46140 PHONE (866) 636–6683

INTERNET— AT&T 1346 N STATE STREET GREENFIELD, INDIANA 46140 PHONE (866) 636-6683

#### PLANNING JURISDICTION

CITY OF GREEFIELD PLANNING DEPARTMENT
JOANIE FITZWATER – PLANNING DIRECTOR
10 S. STATE STREET
GREENFIELD, INDIANA 46140 (317) 325-1329

#### ZONING

"RP" - BUSINESS PARK

#### FLOOD PLAIN

THE PROJECT CONSTRUCTION AREA LIES IN ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS DEFINED BY THE FEMA FLOOD INSURANCE RATE MAP FOR HANCOCK COUNTY, INDIANA, MAP NUMBER 18059C0134D EFFECTIVE DATE DECEMBER 4, 2007.

OWNER: HIGH POINT LODGING 14916 BRAEMAR AVENUE EAST

NOBLESVILLE, INDIANA 46062 PHONE: (574) 315-1388

ARCHITECT:

MAUST ARCHITECTURAL SERVICES

112 NORTH MAIN STREET GOSHEN, INDIANA 46526 (574) 537-8500 FAX: (574) 537-0808

SURVEYOR:

40<sup>TH</sup> PARALLEL SURVEYING

555 MARKET ROAD TIPTON, INDIANA 46072 PHONE: (765) 675-6455

Gensic Engineering Inc

Civil Engineers 407 Airport North Office Park Phone - (260) 489-7643

OWNER:

HIGH POINT LODGING

14916 BRAEMAR AVENUE EAST NOBLESVILLE, INDIANA 46062



SUITES **PLANS** SPRINGHILL SMARRIOTT

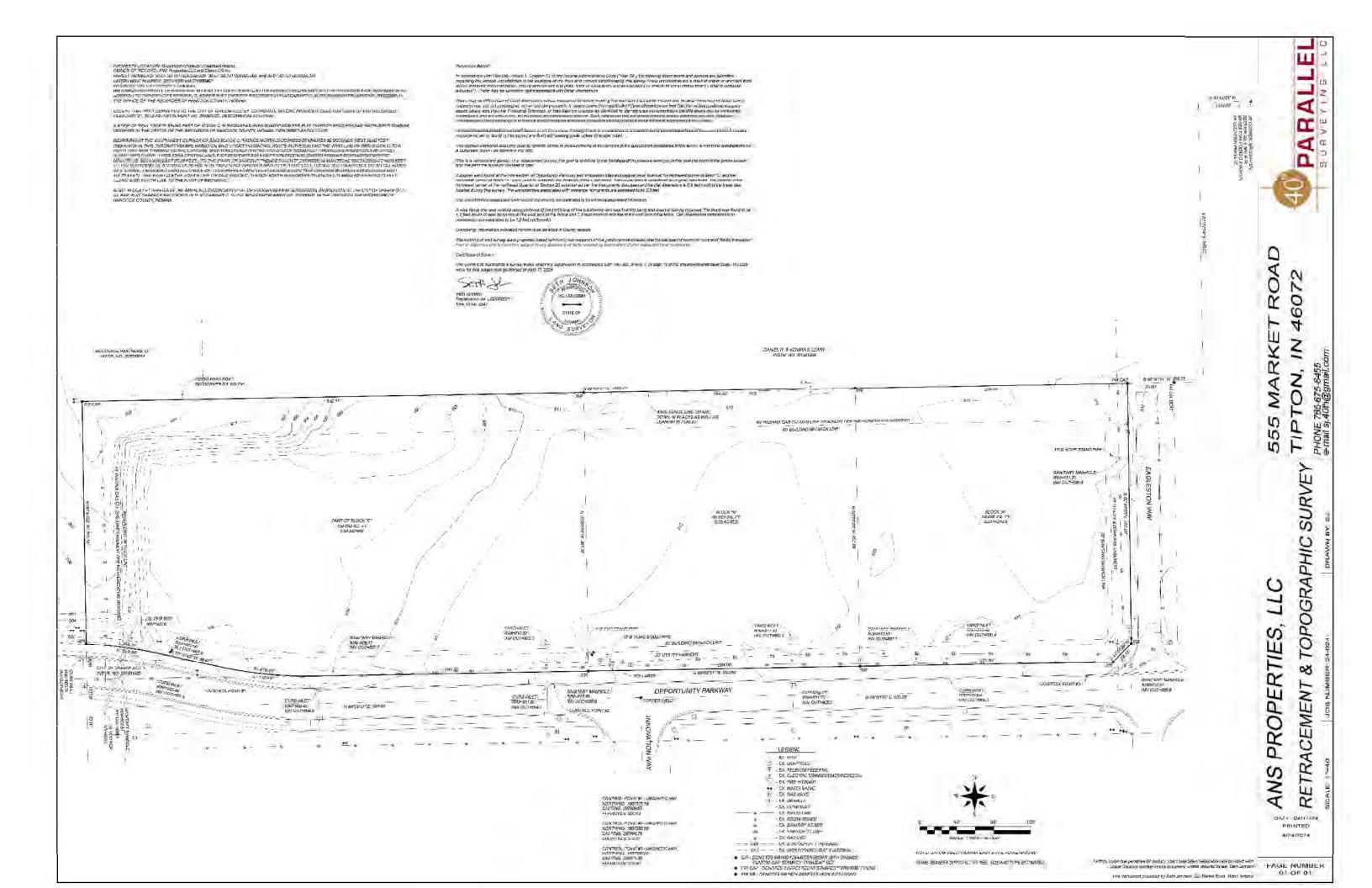
E DEVELOPMENT PLATE

TITLE SHEET

ATE: 10-24-2024 SCALE:

DRAWN BY: TLT CHECKED BY: PMG





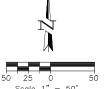
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#### TABULATED LAND USE DATA:

#### LAND COVERAGE

BUILDING PARKING, DRIVES OPEN SPACE TOTAL ACREAGE = 23,952 sft / 0.55 ac (13.8%) = 73,230 sft / 1.68 ac (42.4%) = 75,648 sft / 1.74 ac (43.8%) = 172,830 sft / 3.97 ac (100%)



#### PARKING

STANDARD SPACES (9'x18') STANDARD SPACES (9'x20') STANDARD SPACES (10'x20') ADA ELECTRIC CHARGING SPACES TOTAL



OWNER:

SEAL

Gensic

Engineering Inc

Civil Engineers 407 Airport North Office Park Fort Wayne, IN 46825 Phone - (260) 489-7643

#### HIGH POINT LODGING

14916 BRAEMAR AVENUE EAST NOBLESVILLE, INDIANA 46062

JITES	REVISIONS 11/18/2024	-	ADDRESS GREENFIELD TECHNOAL REVIEW COMMENTS
<u>S</u>			
NDIANA			

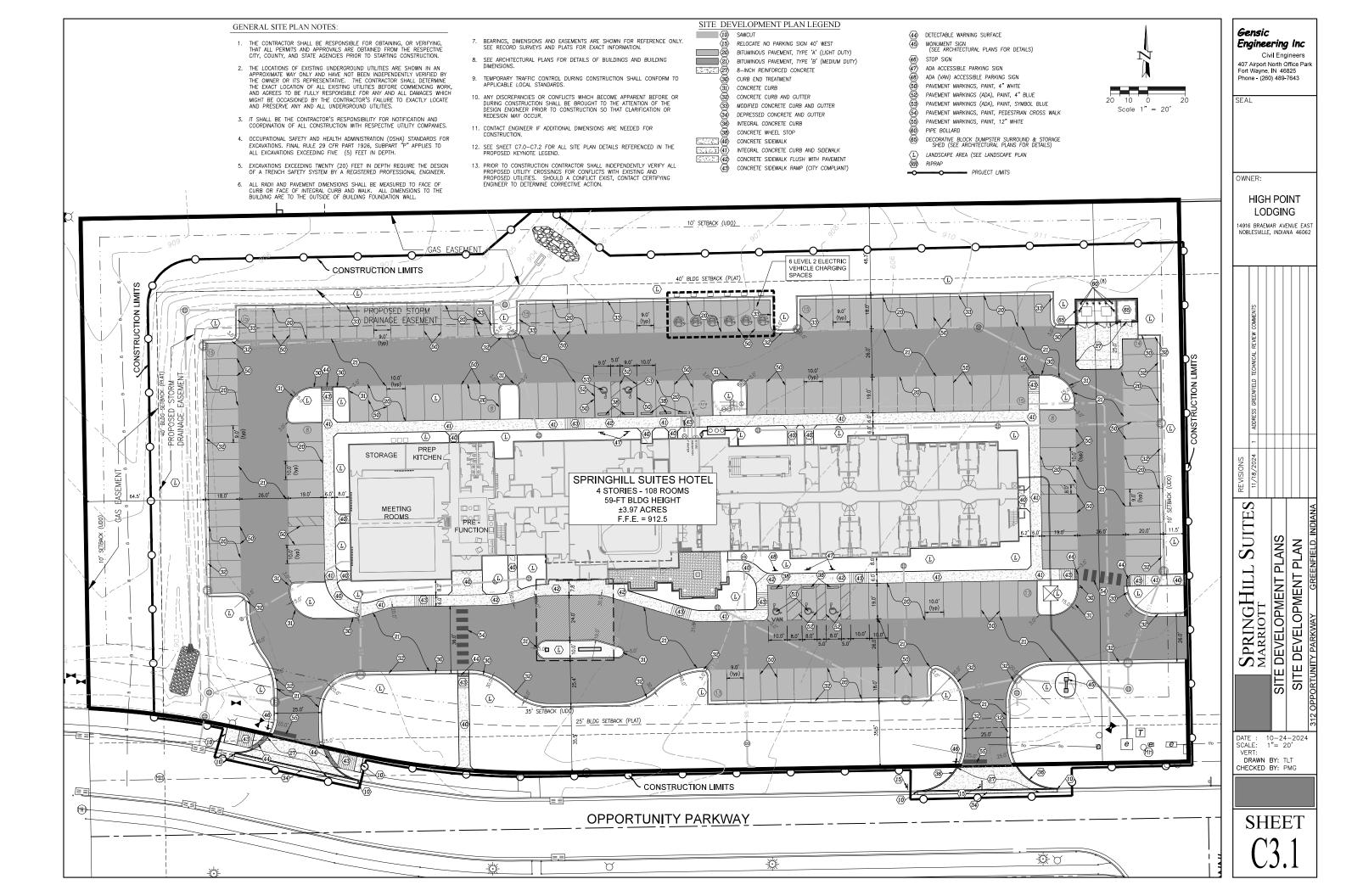
# SPRINGHILL SUI MARRIOTT E DEVELOPMENT PLANS MASTER SITE PLAN UNITY PARKWAY GREENFIELD. II

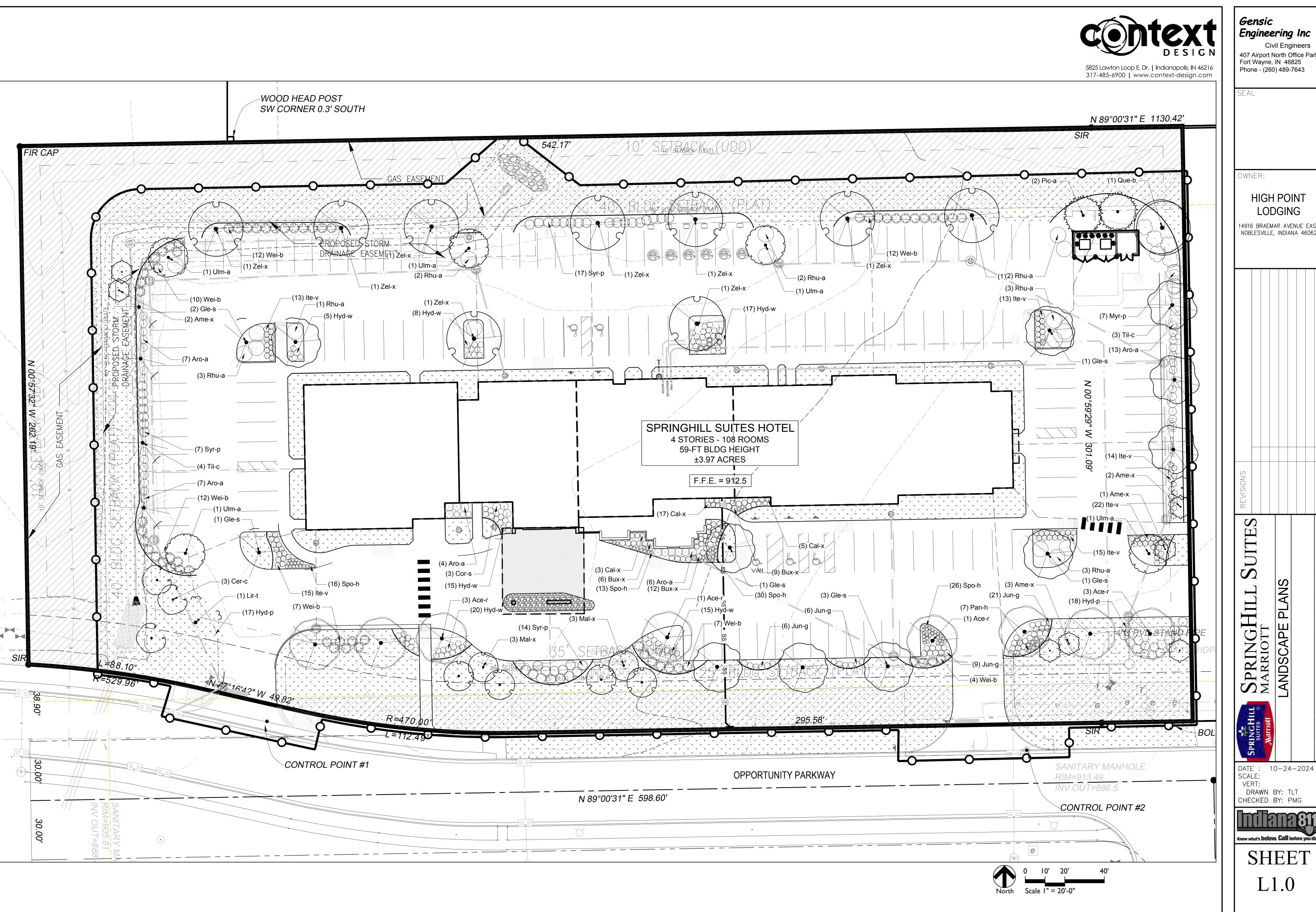


DATE: 10-24-2024 SCALE: 1"= 50' VERT: DRAWN BY: TLT CHECKED BY: PMG





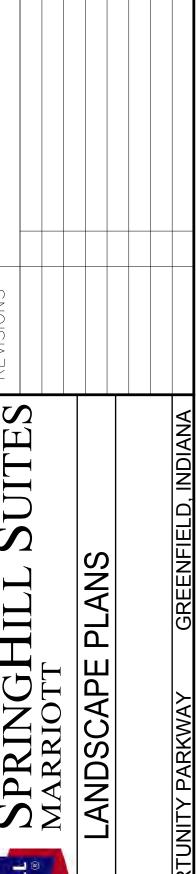




Civil Engineers 407 Airport North Office Park Fort Wayne, IN 46825 Phone - (260) 489-7643

# HIGH POINT

14916 BRAEMAR AVENUE EAST NOBLESVILLE, INDIANA 46062



DATE : 10-24-2024 SCALE:

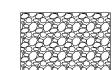
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Know what's **below. Call** before you dig

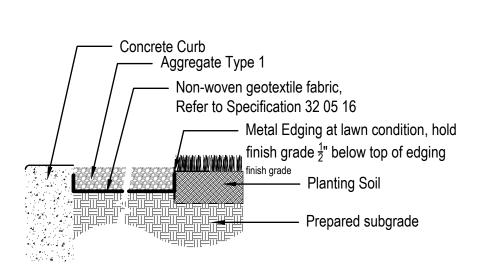
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	REMARKS
DECIDUO	US CANO	PPY TREE					
Ace-r	8	Acer rubrum 'Franksred'	Red Sunset Maple	B & B	2"Cal		matched trees, symmetrical crown, strong leader
Gle-s	9	Gleditsia triacanthos inermis 'Shademaster'	Shademaster Thornless Honeylocust	B&B	2"Cal		full, strong central leader, matched
Lir-t	1	Liriodendron tulipifera	Tulip Tree	B&B	2"Cal		full, strong central leader, matched
Que-b	1	Quercus bicolor	Swamp White Oak	B&B	2"Cal		spring dug, full, strong central leader, matche
Til-c	7	Tilia cordata `Greenspire`	Greenspire Littleleaf Linden	B & B	2"Cal	25`-0" Mature Canopy	full, strong central leader, matched
Ulm-a	5	Ulmus x americana `Princeton Elm`	Princeton Elm	B&B	2"Cal	20`-0" Mature Canopy	full, strong central leader, matched
Zel-x	9	Zelkova serrata `Green Vase`	Green Vase Sawleaf Zelkova	B & B	2"Cal	30`-0" Mature Canopy	full, strong central leader, matched
EVEDODE	CN TOE			'	'	'	
EVERGRE Pic-a	2	Picea abies	Norway Spruce	B & B	min 5` ht.		full, strong central leader, matched, symmetrical
FLOWERI	NG TRFF	s					
Ame-x	8	Amelanchier x grandiflora `Autumn Brilliance`	Autumn Brilliance Serviceberry	B & B	8` ht.		multi-trunk; matched
Cer-c	3	Cercis canadensis	Eastern Redbud	B & B	8` ht.		clump form, 3-5 stems
Mal-x	6	Malus x moerlandsii 'Profusion'	Profusion Crab Apple	B & B	8` ht.		multi-trunk, matched
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	FIELD3	REMARKS
SHRUBS	37	Aronia arbutifolia `Brilliantissima`	Prilliant Pad Chakaharry	container	24"		space @ 3`-0" o.c.
Aro-a	27	Buxus x `Green Velvet`	Brilliant Red Chokeberry  Green Velvet Boxwood	container	18"		space @ 3'-0" o.c., allow to mass
Bux-x Cor-s	3	Cornus sericea `Cardinal`		container	24"		
Hyd-p	35	Hydrangea paniculata 'Limelight;	Cardinal Red-twig Dogwood Limelight Hydrangea	container	24"		space @ 4`-0" o.c.
<u> </u>	80		Pee Wee Oakleaf Hydrangea	container	24"		space @ 5`-0" o.c.
Hyd-w	92	Hydrangea quercifolia `Pee Wee`  Itea virginica `Sprich`	Little Henry Sweetspire	container	24"		space @ 3`-0" o.c. space @ 3`-0" o.c.
Ite-v	42	Juniperus virginiana `Grey Owl`	Grey Owl Juniper	container	18" spread		space @ 3'-0" o.c., allow to mass
Jun-g Myr-n	7	Myrica pensylvanica	Northern Bayberry	container	24"		space @ 8'-0" o.c., allow to mass
Myr-p Rhu-a	17	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	container	18" spread		space @ 8'-0" o.c., allow to mass
	38	Syringa pubescens subsp. patula 'Miss Kim'	Miss Kim Lilac	container	24"		space @ 5'-0" o.c.
Syr-p Wei-b	64	Weigela florida 'Bokrasopin'	Sonic Bloom Pink Weigela	container	24"		space @ 5'-0" o.c.
	J-1	Traigola norma Domasophi	_ Como Bicom i init vvoigola	Containe			
GRASSES		Onlaws and Company (Company)	West Francis Frank D. 10		410		0.00
Cal-x	25	Calamagrostis x acutiflora `Karl Foerster`	Karl Foerster Feather Reed Grass	pot	#2		space @ 3`-0" o.c.
Pan-h	7	Panicum virgatum `Heavy Metal`	Heavy Metal Switch Grass	pot	#2		space @ 3`-0" o.c.
Spo-h	85	Sporobolus heterolepis	Prairie Dropseed	pot	#1		space @ 2`-0" o.c.

Area to receive lawn

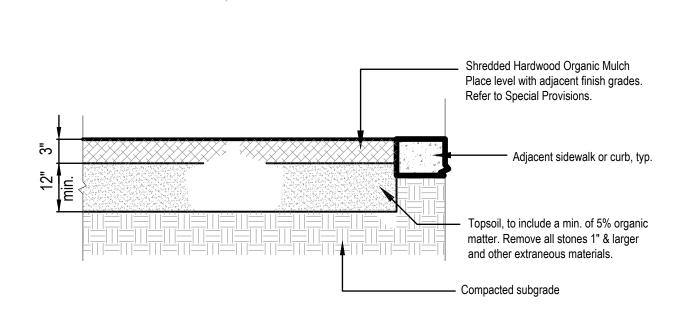
Gas Easement - no plantings allowed



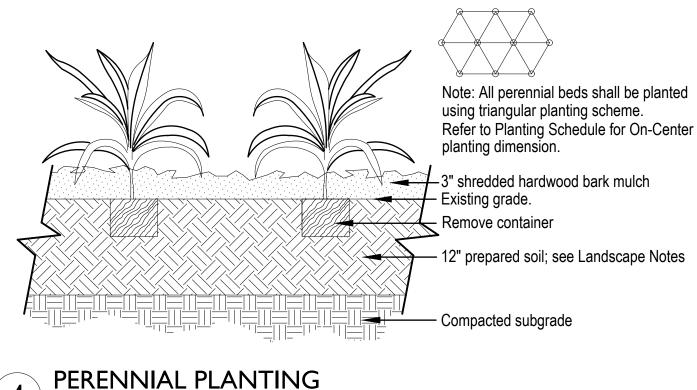
Stone Mulch. Refer to Detail 6/L101



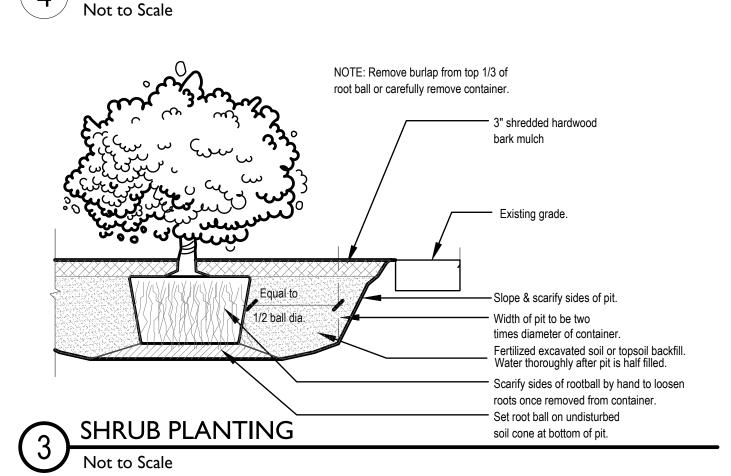




LANDSCAPE BED PREPARATION









ZONING: BP SURROUNDING ZONING North: Residential use (not part of City of Greenfield) East: BP

South: BP West: BP

**BUFFER PLANTINGS** 

Requirement: Small Buffer: Provide a 10' wide strip with 2 deciduous trees + 10 shrubs/100 l.f. Medium Buffer: Provide a 20' wide strip with 3 deciduous trees + 10 shrubs/100 l.f.

Required:

North: Medium buffer @ 542 l.f. = 16 trees + 54 shrubs East: Small buffer @ 281 l.f. = 6 trees + 28 shrubs South: Small buffer @ 547 l.f. = 11 trees + 55 shrubs West: Small buffer @ 262 l.f. = 5 trees + 26 shrubs

Provided:

North: 16 trees + 54 shrubs East: 6 trees + 28 shrubs South: 11 trees + 55 shrubs West: 5 trees + 26 shrubs

BUILDING FOUNDATION

Requirement: In front yards, 15% of the front area shall be planted in shrubs and ornamental grasses along the building foundation

Required: 821 s.f. of planting beds

Provided:

PARKING LOT PERIMETER Requirement: Within a 5' wide strip, provide 1 shade tree/300 s.f. (or every 60 l.f.) + 1 shrub/50 s.f. (or every 10 l.f.)

Required:

North: 412.5 l.f. = 7 shade trees + 41 shrubs East: 128 l.f. = 2 trees + 13 shrubs South: 119 l.f. = 2 trees + 12 shrubs West: 137 l.f. = 3 trees + 14 shrubs

Provided

North: none due to gas easement - requesting administrative review based on distance and veegation present between boundary and Hancock County singe family residence East: 2 trees + 13 shrubs

South: 2 trees + 12 shrubs

West: 3 trees + 14 shrubs

PARKING LOT INTERIOR Requirement: Provide 10% greenspace for all paved areas + 1 tree/300 s.f. + 1 shrub/25 s.f.

Required: 61,978 s.f. @ 10% = 6,198 s.f. + 21 trees + 248 shrubs

Provided: 6,300 s.f. + 21 trees + 248 shrubs

# PLANTING NOTES

1. Plant material to be installed and maintained by a qualified and experienced landscape

5825 Lawton Loop E. Dr. | Indianapolis, IN 46216

317-485-6900 | www.context-design.com

- 2. All materials are subject to the approval of the Landscape Architect and Owner at any time. Landscape Architect to inspect all plant locations and plant bed conditions prior to installation. Stake all plant locations for review and approval by the Landscape Architect before planting. On-site adjustments may be required. Plants are to be freshly dug. Transporting of plants shall be done in a manner as to not destroy the natural shape, compromise the health, or alter the characteristics of plant materials.
- Rootballs shall meet or exceed size standards as set forth in 'American Standards for Nursery Stock'. MAIN LEADERS OF ALL TREES SHALL REMAIN INTACT. Remove from the site any plant material that turns brown or defoliates within five (5) days after planting. Replace immediately with approved, specified material.
- 4. Plant counts indicated on drawings are for Landscape Architect's use only. Contractor shall make own plant quantity takeoffs using drawings, specifications, and plant schedule requirements (i.e., spacing), unless otherwise directed by Landscape Architect. Contractor to verify bed measurements and install appropriate quantities as governed by plant spacing per schedule.
- 5. All plant beds shall receive 3" minimum of genuine shredded hardwood bark mulch (unless otherwise noted). Apply pre-emergent herbicide as directed by the manufacturer prior to installing mulch. Seed all areas disturbed by construction activities that are not otherwise noted to receive pavement, planting bed, or other treatment.
- 6. The Contractor shall install and/or amend topsoil in all proposed bed areas to meet ASTM D5268 standards. Landscaper shall verify depth and quality of topsoil prior to plant installation. A minimum of 4" of topsoil is required for lawn areas; 12" for plant beds. Topsoil sources shall include the reuse of surface soil stockpiled on site, clean of roots, plants, sod, stones, clay lumps, and other extraneous or foreign materials larger than 1". Supplement with imported topsoil from off-site sources when quantities are insufficient. Do not obtain supplemental topsoil from agricultural land, bogs, or marshes. Inorganic amendments, organic amendments, and fertilizers shall be used to amend topsoil as needed for long-term plant health.
- 7. Verify all utility locations in the field prior to beginning work. Repair all damaged utilities to satisfaction of the Owner and Operating Authority at no additional cost.
- 8. Install all plant material in accordance with all local codes and ordinances. Coordinate with the Owner to obtain any required permits necessary to complete work. All workmanship and materials shall be guaranteed by the Contractor for a period of one (1) calendar year after Final Acceptance.
- 9. Maintain all plant material for a three (3) month period from date of Substantial Completion. Maintenance shall include pruning, cultivating, watering, weeding, fertilizing, restoring plant saucers, spraying for disease and insects, and replacing tree wrappings. Recommended long-term maintenance procedures shall be provided to the Owner before expiration of this period.
- 10. Satisfactory Seeded Lawn: At end of maintenance period, a healthy, uniform, close stand of grass has been established, free of weeds and surface irregularities, with coverage exceeding 90 percent over any 10 sq. ft. (0.92 sq. m) and bare spots not exceeding 3 by 3 inches. Reestablish lawns that do not comply with requirements and continue maintenance until lawns are fully satisfactory to the Owner.

Wrap trees of 2" cal. or more w/trunk tape

3" shredded hardwood bark mulch

3" high topsoil saucer dia.of

Slope & scarify sides of pit.

Set root ball on compacted

soil cone at bottom of pit.

than 24 hours.

Fertilized excavated soil or topsoil backfill.

Auger minimum 4" wide x 16" deep hole and fill with

#2 stone ONLY in excavaions that hold water longer

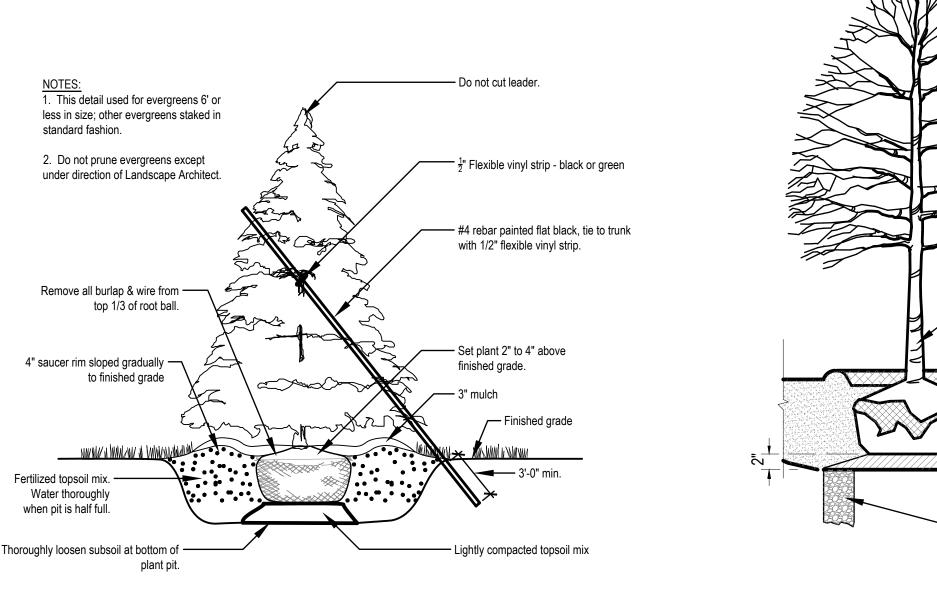
Water thoroughly after pit is half filled.

Width of pit to be two (2)

times ball diameter.

saucer to equal ball dia.

DO NOT girdle tree.







14916 BRAEMAR AVENUE EAST NOBLESVILLE, INDIANA 46062 SPRINGHII DE

OWNER:

Gensic

SEAL

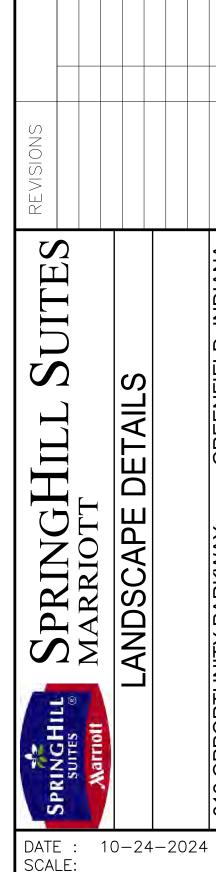
Engineering Inc

407 Airport North Office Park Fort Wayne, IN 46825

Phone - (260) 489-7643

Civil Engineers

**HIGH POINT** LODGING



Know what's **below. Call** before you dig

DRAWN BY: TLT

CHECKED BY: PMG

VERT: