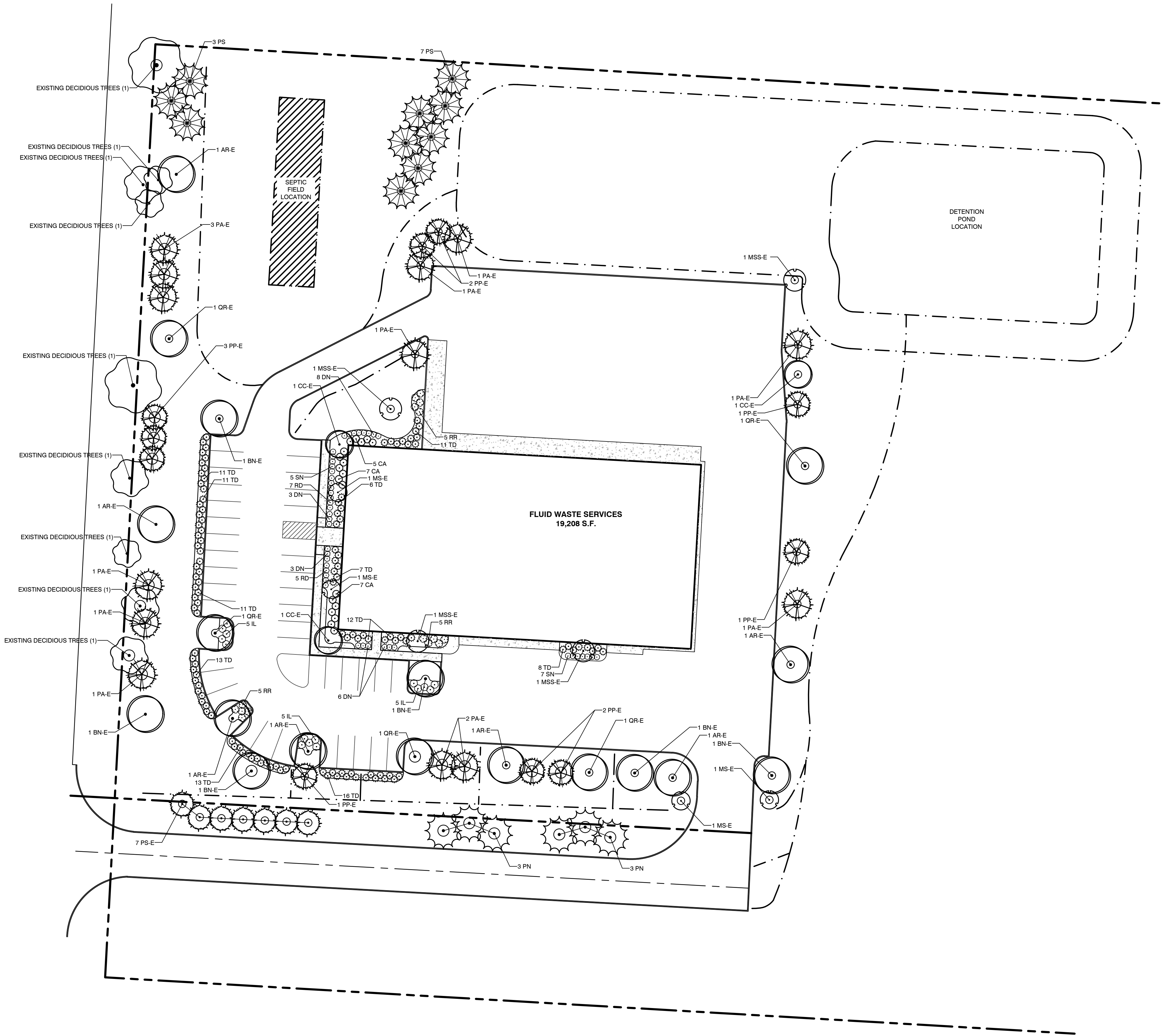


PLOT DATE: 3/29/2018 1:59 PM
PLOT SCALE: 1"=30'
DRAWING FILE: \\hdcsanp\projects\2017\020299.DWG
EDIT DATE: 3/29/2018
EDITED BY: ABLECHER



ZONING REQUIREMENTS:

CUMBERLAND FARMS INDUSTRIAL PARK PUD
Landscape Standards to meet Noblesville UDO for I-2

INTERIOR PARKING LOT:
(1) Canopy Tree + (5) Shrubs per Island

PERIMETER PARKING LOT (224):
(2) Canopy Trees + (33) Shrubs per 100 LF

REQUIRED: (4.5) Canopy Trees + (73.9) Shrubs
PROVIDED: (2) Canopy Trees + (75) Shrubs
****Additional trees provided at Site Entrance.****

FOUNDATION LANDSCAPE
Adjacent to Parking (165 LF):
(3) Understory Trees + (33) Shrubs / 100 LF

Adjacent to Similar Use (419 LF):
(2) Understory Trees + (15) Shrubs / 100 LF

REQUIRED: (13.3) Understory Trees + (117.3) Shrubs
PROVIDED: (10) Understory Trees + (117) Shrubs
****Additional trees provided to the northwest of site.****

BUFFERYARDS:
Article 12, Section 7(A) - No landscape required as adjacent uses are not transitional; uses are the same.

NOTE: Additional shrubs provided to the south of loading docks per planning recommendation.

- GENERAL NOTES:**
- CONTRACTOR TO VERIFY ALL UTILITY LOCATIONS IN THE FIELD PRIOR TO BEGINNING WORK. CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO UTILITIES ASSOCIATED WITH WORK. UTILITIES SHALL BE REPAIRED TO SATISFACTION OF THE UTILITY OWNER AND/OR OPERATING AUTHORITY AT NO ADDITIONAL COST.
 - A MINIMUM OF 4" OF TOPSOIL @ TOPSOIL, 1" MULCH AND SOIL CONDITIONER SHALL BE PLACED ON ALL AREAS TO BE SEEDED, SODDED AND PLANTED. PLANTING SOIL MIX SHALL BE FREE FROM SUBSOIL, VEGETATION, WEEDS OR ANY EXTRANEOUS OR DELETERIOUS MATERIALS LARGER THAN 1". REMOVE ANY UNSUITABLE AND EXCESS TOPSOIL, AS DETERMINED BY SOILS ENGINEER, FROM THE SITE. FURNISH ANY ADDITIONAL TOPSOIL NEEDED AT NO ADDITIONAL COST. ADDED TOPSOIL SHALL BE INCORPORATED INTO EXISTING SOIL.
 - IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT LIST, THE PLAN SHALL DICTATE. IF IN QUESTION, CONTACT THE LANDSCAPE ARCHITECT.
 - ALL PLANTING BEDS SHALL HAVE A 3" THICK LAYER OF SHREDDED HARDWOOD BARK MULCH. NO UTILITY MULCH OR PROCESSED TREE TRIMMINGS WILL BE ALLOWED. ALL PLANTING BEDS SHALL HAVE PRE-EMERGENT HERBICIDE APPLIED AS PER MANUFACTURER'S RECOMMENDATION, AFTER INSTALLATION IS COMPLETE.
 - FINAL PLACEMENT OF PLANT MATERIALS, ETC. SHALL BE APPROVED BY LANDSCAPE ARCHITECT BEFORE PLANTING OPERATIONS ARE TO PROCEED. ALL TREE LOCATIONS SHALL BE MARKED WITH A WOODEN STAKE INDICATING VARIETY AND SIZE OF TREE.
 - NO SUBSTITUTIONS OF PLANT MATERIAL WILL BE ALLOWED. IF PLANTS ARE SHOWN TO BE UNAVAILABLE, THE CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT PRIOR TO BID DATE IN WRITING. ALL PLANTS SHALL BE INSPECTED AND TAGGED WITH PROJECT IDENTIFICATION AT NURSERY OR CONTRACTOR'S OPERATION PRIOR TO MOVING TO JOB SITE. PLANTS MAY ALSO BE INSPECTED AND APPROVED OR REJECTED ON THE JOB SITE.
 - ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, 2004 EDITION, AS SET FORTH BY AMERICAN ASSOCIATION OF NURSERYMEN.
 - PLANTS AND ALL OTHER MATERIALS TO BE STORED ON SITE WILL BE PLACED WHERE THEY WILL NOT CONFLICT WITH CONSTRUCTION AND AS DIRECTED BY OWNER.
 - ALL NEW LANDSCAPE PLANTINGS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FOLLOWING FINAL INSPECTION BY LANDSCAPE ARCHITECT. AT END OF THIS PERIOD, PLANT MATERIAL TERMED DEAD OR UNSATISFACTORY BY LANDSCAPE ARCHITECT SHALL BE REPLACED AT NO ADDITIONAL CHARGE BY THE LANDSCAPE CONTRACTOR.
 - ALL DISTURBED LAWN AREAS SHALL BE HYDRO-SEEDED OR SODDED AS SHOWN PER THE LANDSCAPE AND EROSION CONTROL PLANS.
 - LAWN AND SOD AREAS ARE TO BE GRADED UNIFORMLY WITHOUT ANY UNDULATIONS OR IRREGULARITIES IN THE SURFACE PRIOR TO ANY HYDRO-SEED OR SOD WORK.
 - ALL LAWN IS TO BE A BLEND PER THE PLANT SCHEDULE. HYDRO-SEED AREAS ARE TO HAVE 0% NOXIOUS WEED AND FREE OF DISEASE.
 - PROTECT LAWN SEEDED AREAS WITH STRAW MULCH. SPREAD MULCH UNIFORMLY AT A MINIMUM RATE OF 2 TONS PER ACRE TO FORM A CONTINUOUS BLANKET 1 1/2 INCHES IN LOOSE THICKNESS OVER SEEDED AREAS.

PLANT SCHEDULE					
TREES	QTY	BOTANICAL NAME / COMMON NAME	COND.	SIZE	SPACING
PN	6	Pinus nigra / Austrian Black Pine	B & B	6" Ht (min)	As shown
PS	10	Pinus strobus / White Pine	B & B	12" Ht.	As shown
EXISTING TREES	QTY	BOTANICAL NAME / COMMON NAME	COND.	SIZE	SPACING
AR-E	7	Acer rubrum 'Red Sunset' / Red Sunset Maple	Existing		
BN-E	6	Betula nigra / River Birch	Existing		
CC-E	3	Cercis canadensis / Eastern Redbud	Existing		
MS-E	4	Malus sargentii / Sargent Apple	Existing		
MSS-E	4	Malus x 'Spring Snow' / Spring Snow Crab Apple	Existing		
PA-E	13	Picea abies / Norway Spruce	Existing		
PP-E	10	Picea pungens 'Glauca' / Colorado Blue Spruce	Existing		
PS-E	7	Pinus strobus / White Pine	Existing		
QR-E	5	Quercus rubra / Red Oak	Existing		
SHRUBS	QTY	BOTANICAL NAME / COMMON NAME	COND.	SIZE	SPACING
CA	19	Cornus stolonifera 'Arctic Fire' / Arctic Fire Dogwood	CONT.	18" Ht.	3' O.C.
DN	20	Deutzia gracilis 'Nikko' / Slender Deutzia	CONT.	18" Ht.	36" O.C.
IL	15	Itea virginica 'Little Henry' TM / Virginia Sweetpire	CONT.	18" Ht.	3' O.C.
RD	12	Rosa x 'Coral Drift' / Coral Drift Rose	CONT.	18" Ht.	36" O.C.
RR	15	Rosa x 'Radrazz' / Knock Out Shrub Rose	CONT.	18" Ht.	48" O.C.
SN	12	Spiraea x bumalda 'Neon Flash' / Neon Flash Spirea	CONT.	18" Ht.	36" O.C.
TD	119	Taxus x media 'Densiformis' / Dense Yew (Allow to mass into hedge)	CONT.	18" Ht.	4' O.C.

LANDSCAPE LEGEND

DECIDUOUS SHADE TREE

SHRUBS AND ORNAMENTAL GRASSES

MULCH BED/ TREE RING (DOUBLE-SHREDDED HARDWOOD BARK MULCH)

SPADE EDGE SEE DETAIL ON SHEET C710

LAWN SEED: SUN AND PARTIAL SHADE MIX (As Needed)

All disturbed turf areas with exposed topsoil shall be re-seeded with the turf mix specified below or an approved equal.

Agrostis alba / Redtop	10%
Festuca glauca / Blue Fescue	30%
Lolium perenne / Perennial Ryegrass	10%
Poa pratensis / Kentucky Bluegrass	50%

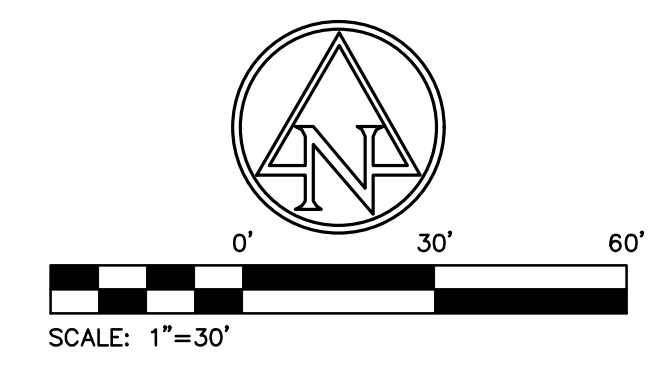


Exhibit 4

AMERICAN STRUCTUREPOINT INC.

7260 Shadeland Station | Indianapolis, Indiana 46256
TEL 317.547.5580 | FAX 317.543.0270
www.structurepoint.com

PROJECT NAME
Fluid Waste Services Landscape Plan

2016.02099
21239 State Road 19
Noblesville, IN 46060

CERTIFIED BY

ISSUANCE INDEX	
DATE:	
3/29/2018	
PROJECT PHASE:	

REVISION SCHEDULE		
NO.	DESCRIPTION	DATE
△	PLANNING COMMENTS	1/19/2018
△	PLANNING COMMENTS	4/18/2018

Project Number 2016.02099

LANDSCAPE PLAN

L101