

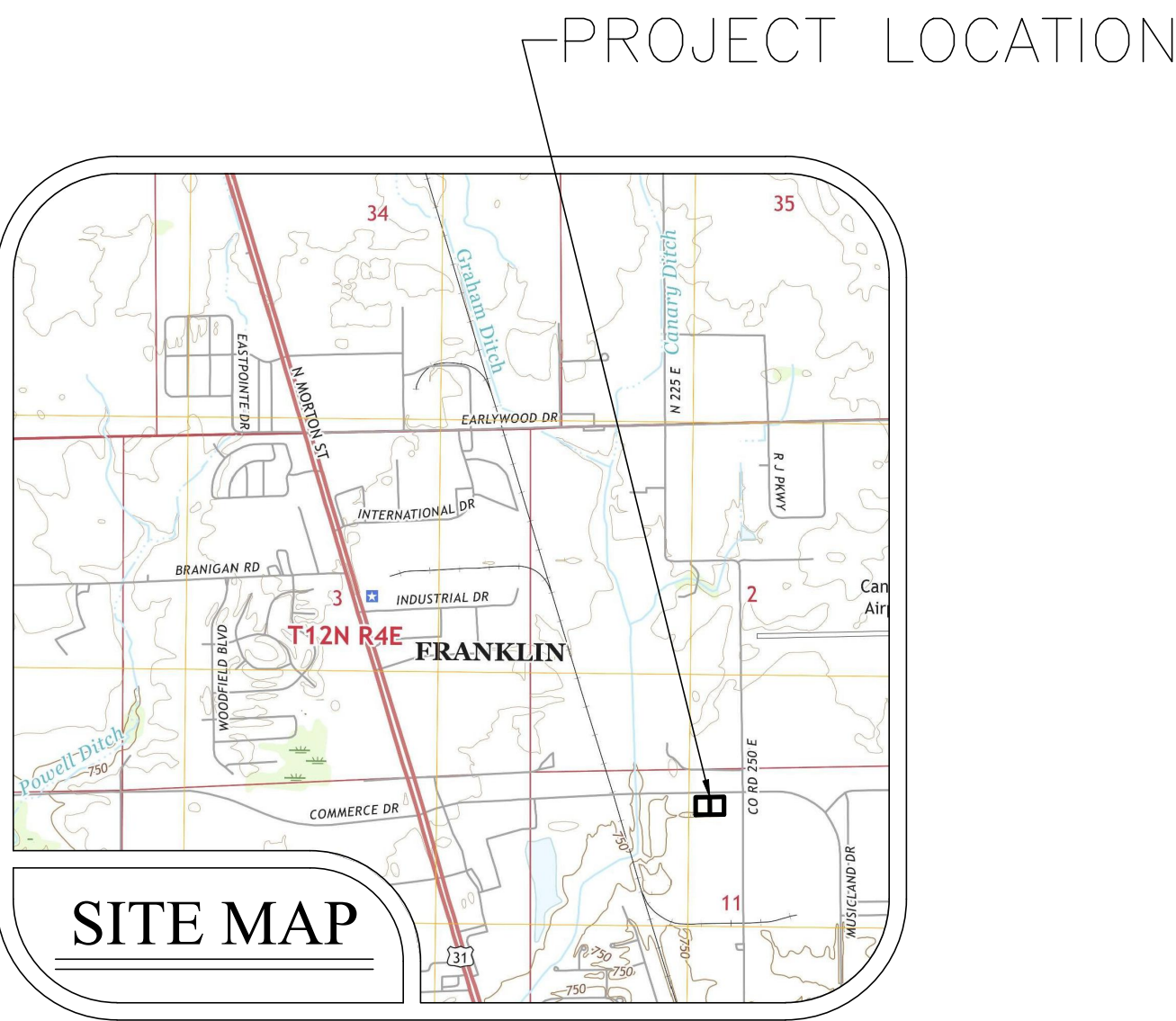
# ANGIE'S POOL & SPA, INC.

## ANGIE'S POOL & SPA STORAGE YARD

LOCATED AT:  
751 EAST COMMERCE DRIVE, FRANKLIN, IN 46131

### SHEET INDEX

C000	TITLE SHEET
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C101	EXISTING TOPO
C102	DEMOLITION PLAN
C103	SITE PLAN
C104	GRADING PLAN
C105	CONSTRUCTION DETAILS
C106	EROSION CONTROL & SEEDING PLAN
C107	LANDSCAPING PLAN

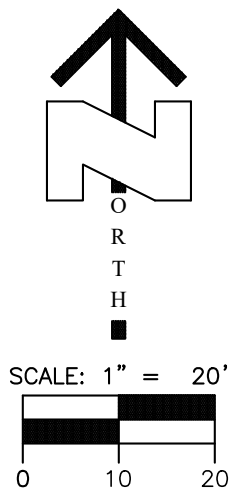
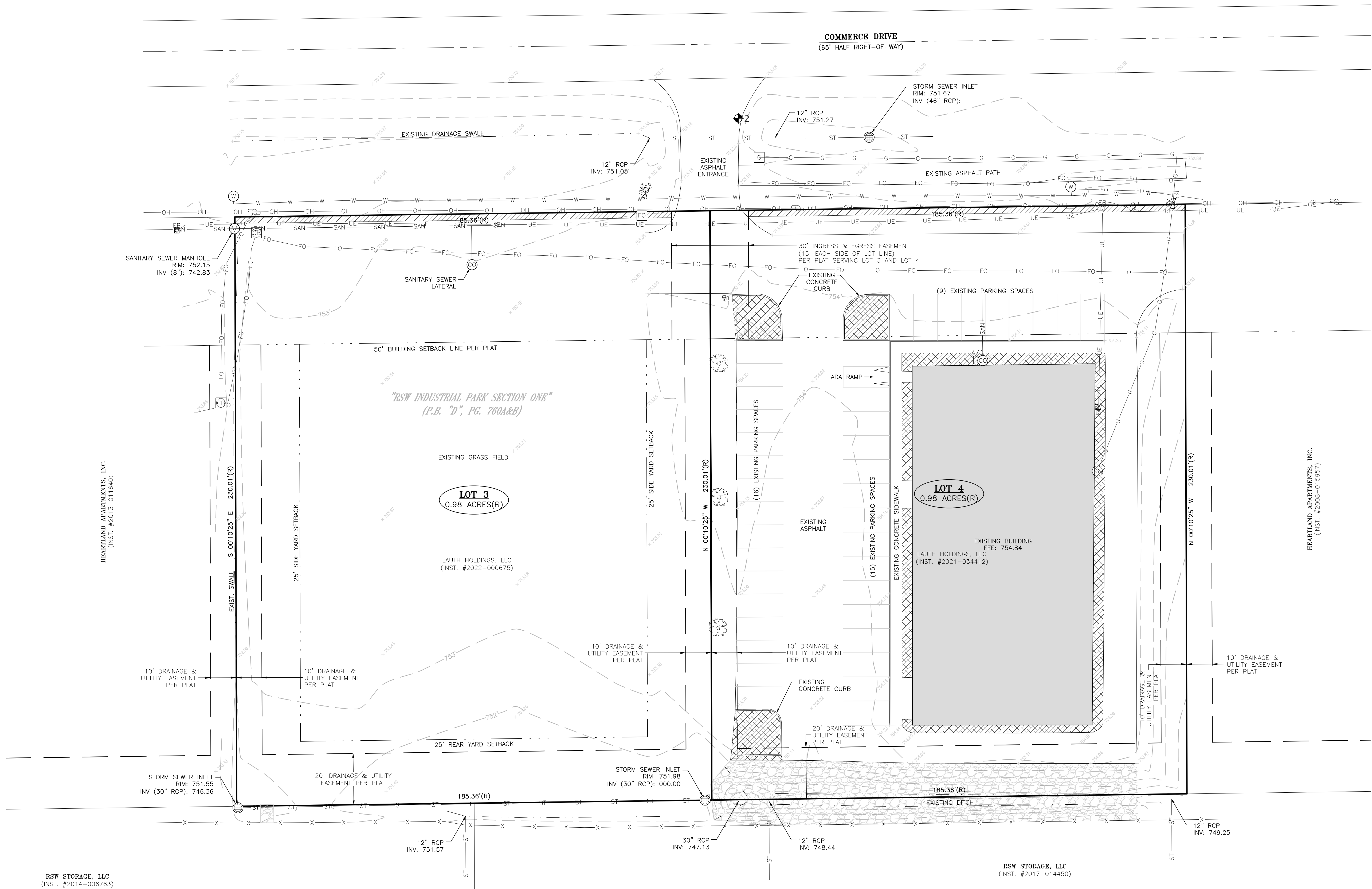


ANGIE'S POOL & SPA, INC.  
ANGIE'S POOL AND SPA, INC.  
3130 MERIDIAN PARKE DRIVE,  
SUITE A  
GREENWOOD, IN 46142

REV. NO.	DATE	DESCRIPTION	BY
-	-	-	-
PROJECT NAME			
ANGIE'S POOL & SPA, INC.			
ANGIE'S POOL & SPA STORAGE YARD			
<div>Independent Land Surveying</div> <div>414 South Main Street Brownstown, Indiana 47220 Phone: 812-338-2682 Fax: 812-338-2685</div> <div>3900 Sycamore Ct., STE. 2A Columbus, Indiana 47203 Phone: 812-372-0996 Fax: 812-602-0484 www.ilsurveying.com</div>			
SHEET TITLE:		TITLE SHEET	
DRAWN BY:	DEK	SCALE:	N.T.S.
DATE:	07-18-2022	JOB NUMBER:	22018
<div>JAMES C. LEINART</div> <div>REGISTERED</div> <div>10707550</div> <div>STATE OF INDIANA</div> <div>PROFESSIONAL ENGINEER</div>			
SHEET			C000







### LEGEND

- PROPERTY LINES
- 1' NO ACCESS STRIP PER PLAT
- EASEMENT
- EXISTING CONTOURS
- OVERHEAD UTILITIES
- UNDERGROUND ELECTRIC
- FIBER OPTIC
- STORM SEWER
- SANITARY SEWER
- GAS
- WATER
- FENCE
- TOE OF SLOPE OR CENTERLINE OF DITCH/SWALE
- SPOT ELEVATION
- CONTROL POINT
- EXISTING MAILBOX
- EXISTING DECIDUOUS TREE
- EXISTING UTILITY POLE
- EXISTING AIR CONDITIONING UNIT
- EXISTING ELECTRIC TRANSFORMER
- EXISTING ELECTRIC METER
- EXISTING COMMUNICATION BOX
- EXISTING FIBER OPTIC PEDESTAL
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING GAS METER
- EXISTING GAS MARKER
- EXISTING MANHOLE
- EXISTING CLEANOUT
- EXISTING STORM INLET
- EXISTING LANDSCAPING (TREES, SHRUBS, MULCH)
- EXISTING RIP RAP

BSW STORAGE, LLC  
(INST. #2014-006763)

HEARTLAND APARTMENTS, INC.  
(INST. #2008-015957)

RSW STORAGE, LLC  
(INST. #2017-014450)

#### SURVEYORS NOTE:

THE BOUNDARY OF SUBJECT LAND IS SHOWN PER THE RECORD DEED AND MONUMENTS RECOVERED DURING THE FIELD WORK FOR THE TOPOGRAPHIC SURVEY. A RETRACEMENT SURVEY OF SUBJECT LAND WAS NOT PERFORMED OR IS TO BE IMPLIED.

#### UNDERGROUND UTILITIES:

THE EXISTING UNDERGROUND UTILITY LOCATIONS SHOWN ON THE DRAWING WERE OBTAINED FROM SURFACE MARKINGS BY OTHERS, BY VISIBLE SURFACE INDICATIONS, AND BY PLANS AND DRAWINGS OBTAINED FROM OTHERS. INDEPENDENT LAND SURVEYING, INC. IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY OF THE SURFACE MARKINGS MADE BY OTHERS. THIS INFORMATION IS BELIEVED TO BE CORRECT BUT IS NOT GUARANTEED. LOCATION OF ALL UTILITIES SHOULD BE FIELD VERIFIED BEFORE ANY NEW CONSTRUCTION BEGINS. DEPTHS OF UNDERGROUND UTILITIES WERE NOT MARKED AND ARE UNKNOWN UNLESS NOTED OTHERWISE.



CONTROL POINTS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
1	218004.83	1551378.53	753.95	SET MAG NAIL
2	218004.57	1551546.24	-	SET MAG NAIL
142	218112.07	1551553.32	-	SET ILS REBAR
143	217838.32	1551275.50	-	SET ILS REBAR

REV. NO.	DATE	DESCRIPTION	BY
1			

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www.ilsurveying.com

3909 Sycamore CT, STE. 2A  
Columbus, Indiana 47203  
Phone: 812-372-0996  
Fax: 812-602-0484

SHEET TITLE:  
EXISTING TOPO

DRAWN BY:  
DEK  
SCALE:  
1" = 20'

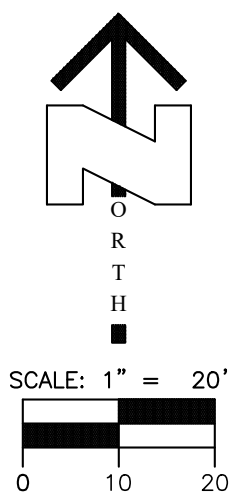
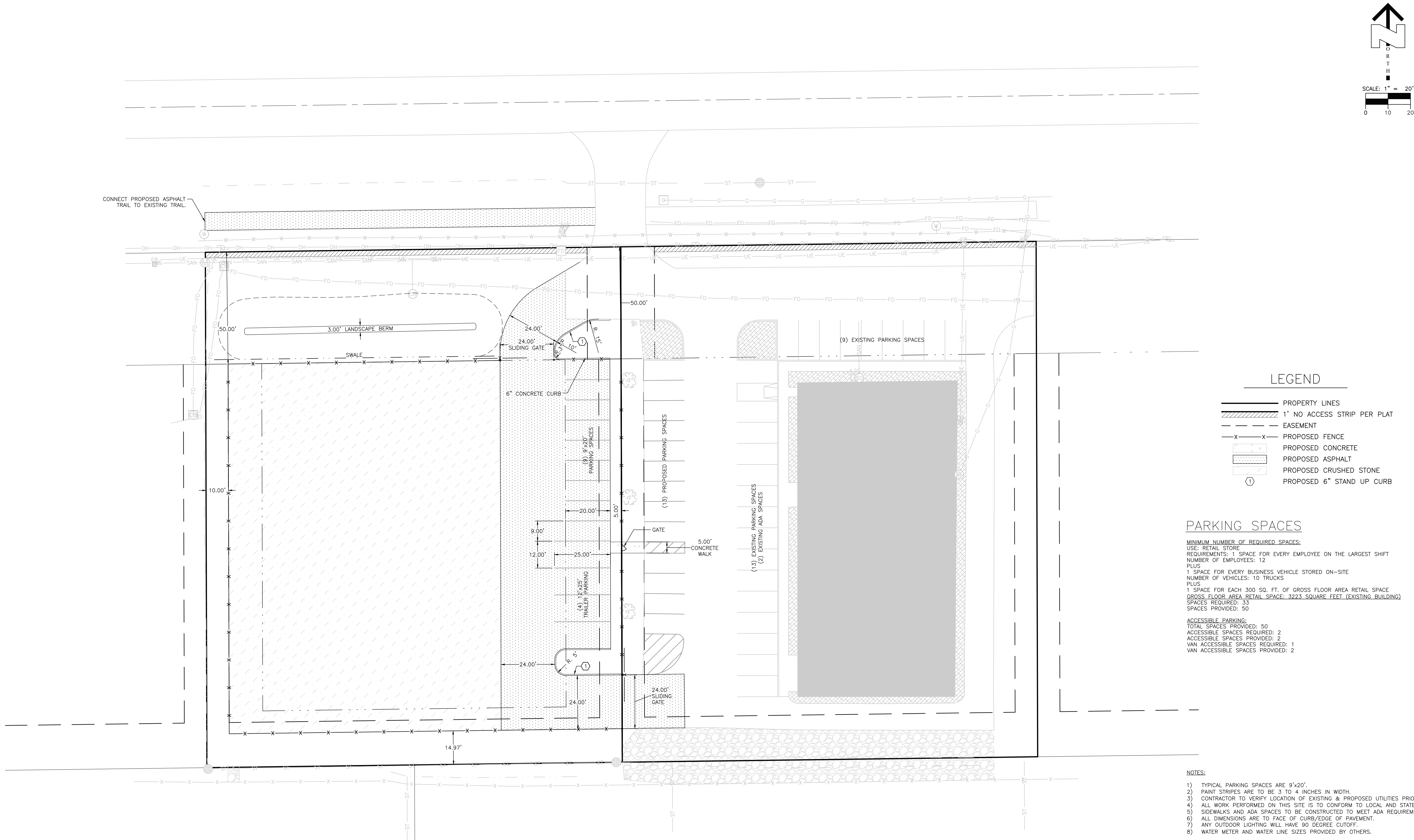
DATE:  
07-18-2022  
JOB NUMBER:  
22018

JAMES C. LEINART  
REGISTERED  
NO. 10707550  
STATE OF INDIANA  
PROFESSIONAL ENGINEER

SHEET  
C101







LEGEND

- PROPERTY LINES
- 1' NO ACCESS STRIP PER PLAT
- EASEMENT
- PROPOSED FENCE
- PROPOSED CONCRETE
- PROPOSED ASPHALT
- PROPOSED CRUSHED STONE
- PROPOSED 6" STAND UP CURB

PARKING SPACES

MINIMUM NUMBER OF REQUIRED SPACES:  
USE: RETAIL STORE  
REQUIREMENTS: 1 SPACE FOR EVERY EMPLOYEE ON THE LARGEST SHIFT  
NUMBER OF EMPLOYEES: 12  
PLUS  
1 SPACE FOR EVERY BUSINESS VEHICLE STORED ON-SITE  
NUMBER OF VEHICLES: 10 TRUCKS  
PLUS  
1 SPACE FOR EACH 300 SQ. FT. OF GROSS FLOOR AREA RETAIL SPACE  
GROSS FLOOR AREA RETAIL SPACE: 3223 SQUARE FEET (EXISTING BUILDING)  
SPACES REQUIRED: 33  
SPACES PROVIDED: 50  
ACCESSIBLE PARKING:  
TOTAL SPACES PROVIDED: 50  
ACCESSIBLE SPACES REQUIRED: 2  
ACCESSIBLE SPACES PROVIDED: 2  
VAN ACCESSIBLE SPACES REQUIRED: 1  
VAN ACCESSIBLE SPACES PROVIDED: 2

- NOTES:
- 1) TYPICAL PARKING SPACES ARE 9'x20'.
  - 2) PAINT STRIPES ARE TO BE 3 TO 4 INCHES IN WIDTH.
  - 3) CONTRACTOR TO VERIFY LOCATION OF EXISTING & PROPOSED UTILITIES PRIOR TO CONSTRUCTION.
  - 4) ALL WORK PERFORMED ON THIS SITE IS TO CONFORM TO LOCAL AND STATE REQUIREMENTS.
  - 5) SIDEWALKS AND ADA SPACES TO BE CONSTRUCTED TO MEET ADA REQUIREMENTS.
  - 6) ALL DIMENSIONS ARE TO FACE OF CURB/EDGE OF PAVEMENT.
  - 7) ANY OUTDOOR LIGHTING WILL HAVE 90 DEGREE CUTOFF.
  - 8) WATER METER AND WATER LINE SIZES PROVIDED BY OTHERS.

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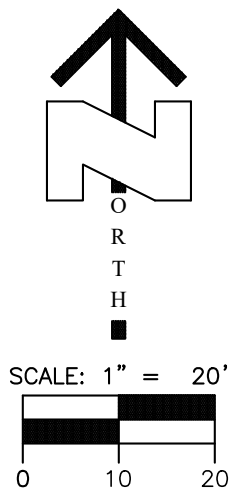
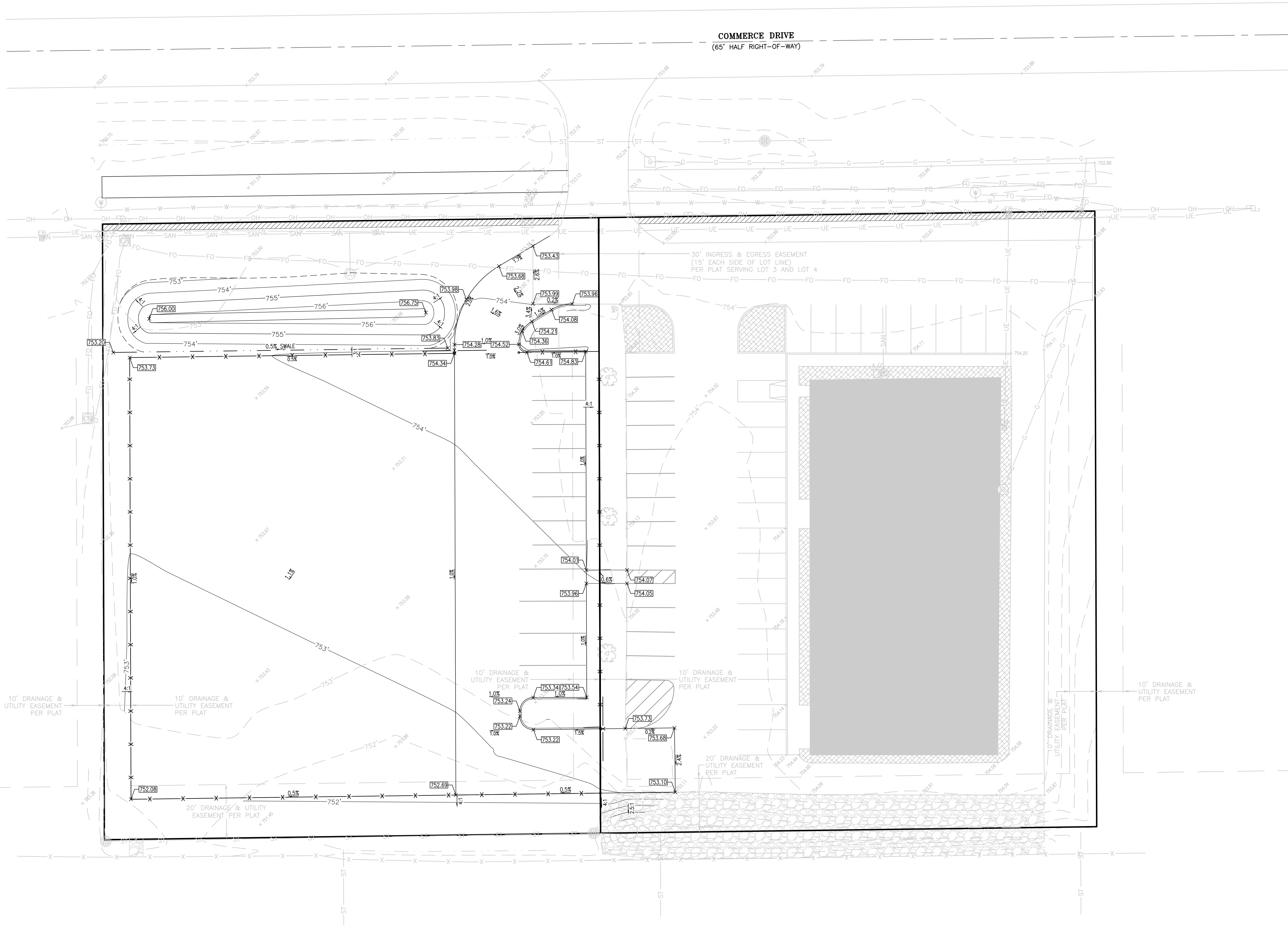
SHEET TITLE:  
CONCEPTUAL SITE PLAN

DRAWN BY:  
DEK  
SCALE:  
1" = 20'  
DATE:  
07-18-2022  
JOB NUMBER:  
22018

**JAMES C. LEINART**  
REGISTERED PROFESSIONAL ENGINEER  
NO. 10707550  
STATE OF INDIANA

SHEET  
**C103**





### LEGEND

- PROPERTY LINES
- EXISTING CONTOURS
- EXISTING SPOT ELEVATIONS
- PROPOSED CONTOURS
- PROPOSED FINISHED GRADE ELEVATIONS

- NOTES:**
- NO GEOTECHNICAL ENGINEERING WAS INCLUDED IN INDEPENDENT LAND SURVEYING'S SCOPE OF WORK. NO GEOTECHNICAL RECOMMENDATIONS ARE TO BE IMPLIED BY THE INCLUDED DETAILS AND SPECIFICATIONS AND SHOULD BE USED FOR BIDDING PURPOSES ONLY. INDEPENDENT LAND SURVEYING RECOMMENDS THE OWNER CONSULT A GEOTECHNICAL ENGINEER FOR FINAL DESIGN RECOMMENDATIONS, INCLUDING, BUT NOT LIMITED TO EARTHWORK SPECIFICATIONS AND PAVEMENT DESIGN, BASED ON EXISTING SITE CONDITIONS. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.
  - CONTRACTOR TO GRADE SITE TO PROVIDE POSITIVE DRAINAGE IN ALL AREAS WHEN SITE WORK IS COMPLETE.
  - ALL WORK PERFORMED ON THIS SITE IS TO CONFORM TO LOCAL AND STATE REQUIREMENTS.
  - CONTRACTOR SHALL PROVIDE GRANULAR BACKFILL WHEN EXCAVATING WITHIN 5 FEET OF PAVEMENTS.
  - OWNER/CONTRACTOR TO KEEP INLETS CLEAN TO INSURE PROPER DRAINAGE.
  - FILL SHALL BE PROTECTED AGAINST EROSION AND SCOUR DURING FLOODING BY VEGETATIVE COVER, RIP RAP OR BULKHEADING. SLOPES NOT TO EXCEED 3:1 WHERE VEGETATIVE COVER IS USED.

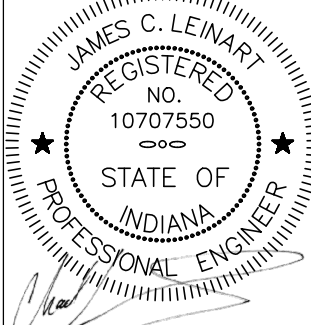
REV. NO.	DATE	DESCRIPTION	BY
PROJECT NAME			
ANGIE'S POOL & SPA, INC.			
ANGIE'S POOL & SPA STORAGE YARD			
SHEET			
C104			

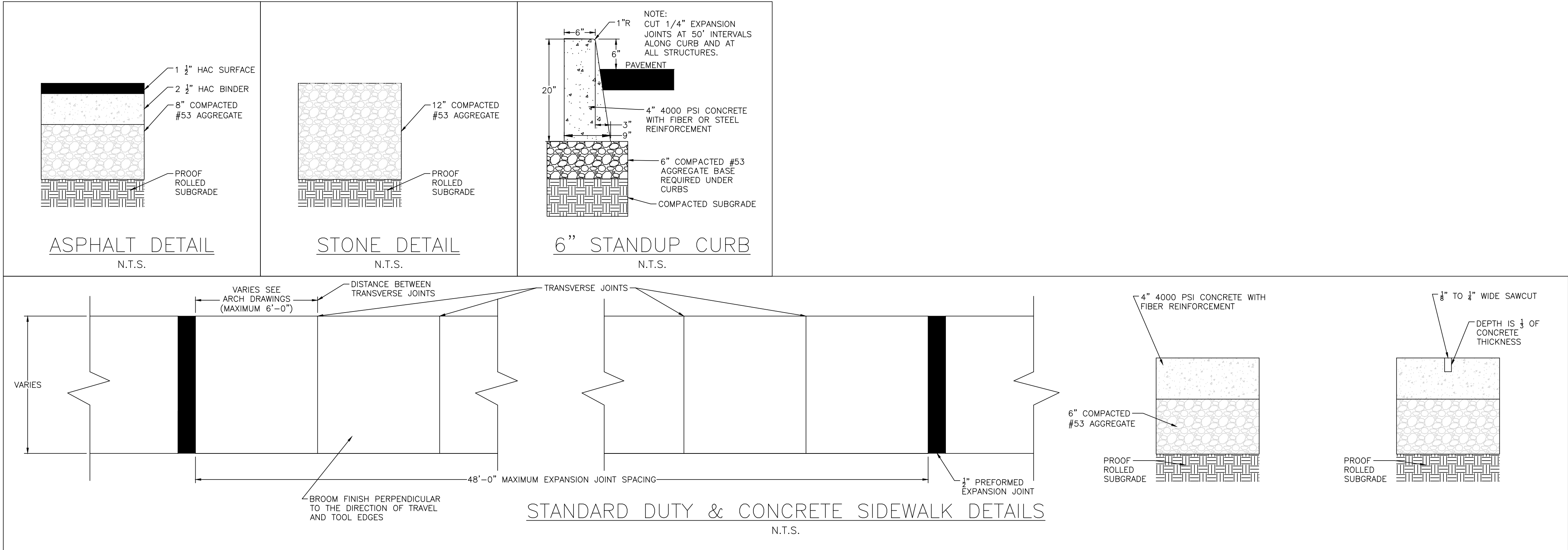
**Independent Land Surveying**

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Independent

Land

Surveying

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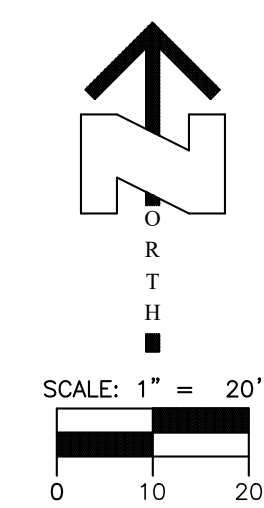
SHEET TITLE:
CONSTRUCTION DETAILS

DRAWN BY:
DEK
SCALE:
N.T.S.
DATE:
07-18-2022
JOB NUMBER:
22018

SHEET
C105

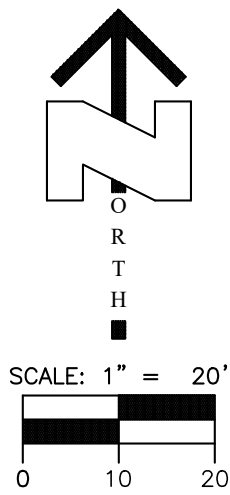
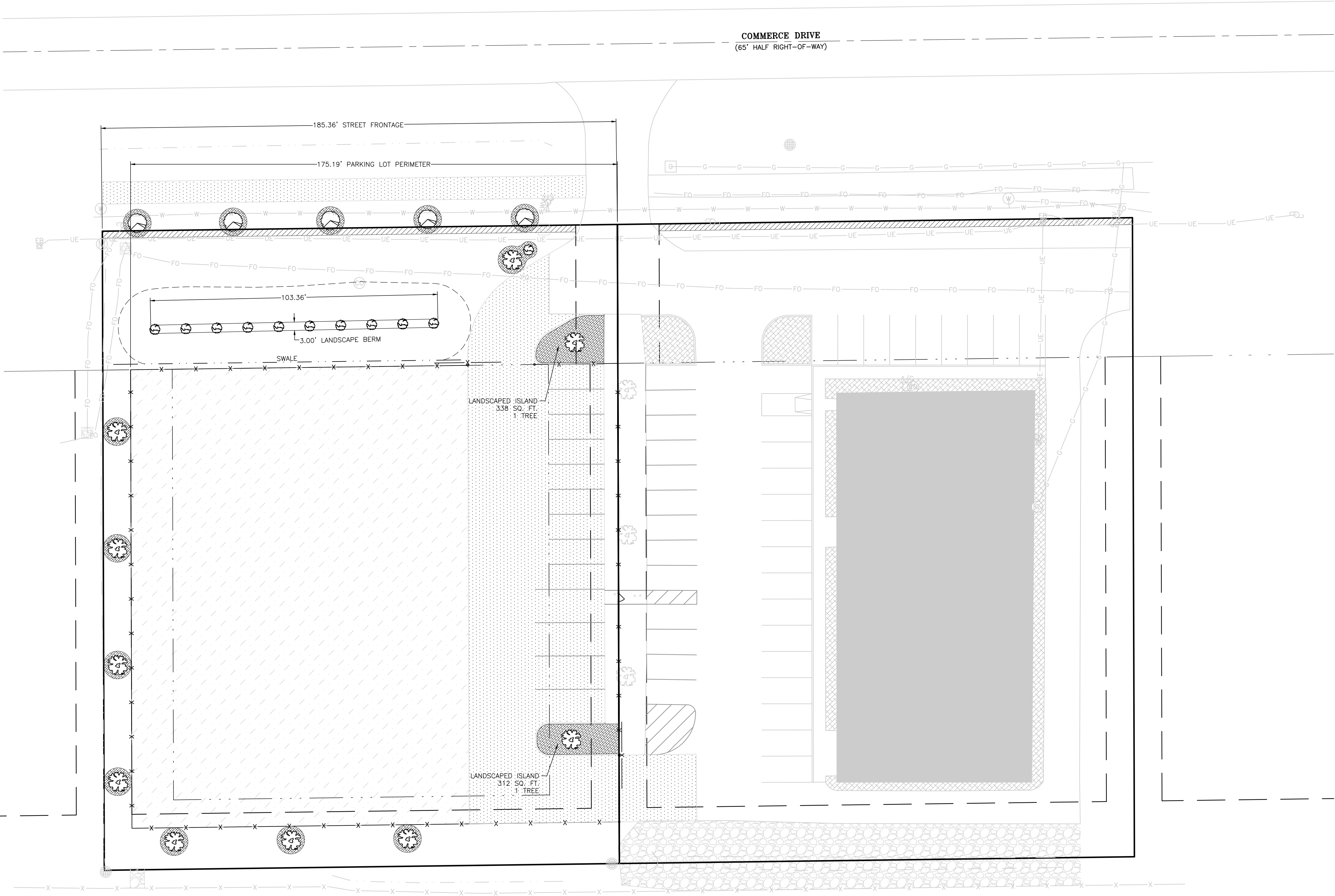
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- NOTES:
- 1) THE DISTURBED AREA OF THIS SITE IS LESS THAN ONE ACRE, SO A CONSTRUCTION STORMWATER GENERAL PERMIT WILL NOT BE REQUIRED. HOWEVER, EROSION CONTROL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED.
  - 2) STANDARDS AND SPECIFICATIONS FOR THE PRACTICES USED TO MEET MINIMUM REQUIREMENTS FOR EROSION AND SEDIMENTATION CONTROL ARE FOUND IN THE INDIANA STORM WATER QUALITY MANUAL. DETAIL DRAWINGS AND OTHER DESIGN REQUIREMENTS ACCOMPANY THE STANDARDS.
  - 3) SILT FENCE WILL NEED TO BE INSTALLED TO PREVENT EROSION FROM LEAVING THE SITE. INSTALL SILT FENCE PER MANUFACTURER'S INSTRUCTIONS IN LOCATIONS SHOWN.
  - 4) PROTECT INLETS FROM SILT UNTIL VEGETATION IS ESTABLISHED.
  - 5) ALL DISTURBED AREAS OUTSIDE OF PAVEMENT WILL REQUIRE MULCHED SEEDING.





LANDSCAPING MATERIAL STANDARDS

- THE FOLLOWING STANDARDS SHALL APPLY TO ALL PLANT MATERIAL USED TO SATISFY THE CITY OF FRANKLIN'S LANDSCAPING REQUIREMENTS:
1. TREES AND SHRUBS SHALL MEET THE MINIMUM REQUIREMENTS OF THE AMERICAN STANDARD FOR NURSERY STOCK (ANSI Z60.1, LATEST EDITION) AS PUBLISHED BY THE AMERICAN NURSERY AND LANDSCAPE ASSOCIATION. TREES ROOTS ARE PREFERRED TO BE BALLED AND BURLAPPED. THE PLANTING MINIMUM FOR TREES IS ONE GROWING SEASON IN A FIVE-GALLON CONTAINER. SHRUBS SHALL BE WELL-ROOTED IN A THREE-GALLON CONTAINER OR GREATER.
  2. DECIDUOUS TREES AT THE TIME OF PLANTING SHALL BE A MINIMUM OF 2.5 INCHES IN DIAMETER MEASURED 6 INCHES FROM THE GROUND. EVERGREEN TREES SHALL BE A MINIMUM OF FIVE FEET TALL AT THE TIME OF PLANTING.
  3. SHRUBS SHALL BE A MINIMUM OF 18 INCHES TALL AT THE TIME OF PLANTING.
  4. PLANTS USED TO MEET CODE REQUIREMENTS THAT ARE LOST, DAMAGED, OR DIE SHALL BE PERMANENTLY MAINTAINED AND REPLACED WITH A SIMILAR SPECIES AT THE LANDOWNER'S EXPENSE.

REQUIRED LANDSCAPING AREAS:




SITE INTERIOR (COMMERCIAL) - 1 TREE PER 1500 SQ. FT. OF YARD AREA  
75% MAX. LOT COVERAGE (ZONED: IBD)  
LOT 3 = 42,689 SQ. FT. (0.98 ACRES) X 0.25 = 10,672 SQ. FT. MINIMUM YARD AREA REQUIRED  
10,672 SQ. FT./1500 SQ. FT. = 7 TREES

PARKING LOT PERIMETER (COMMERCE DRIVE R/W)  
1 TREE PER 80 LINEAR FEET OF LANDSCAPED AREA AND 1 SHRUB FOR EVERY ONE TREE.  
AND/OR A 3" HIGH LANDSCAPED BERM WITH 1 SHRUB FOR EVERY 10 LINEAR FEET OF BERM.  
175.19' PARKING LOT PERIMETER - 103.36' LANDSCAPED BERM (10 SHRUBS) = 71.83'  
71.83'/80 = 1 TREE AND 1 SHRUB

PARKING LOT INTERIOR  
LANDSCAPE ISLANDS W/ 5% OF PAVED SURFACE (ASPHALT).  
8763 SQ. FT. PAVED SURFACE X 0.05 = 438 SQ. FT.  
651 SQ. FT. LANDSCAPE ISLANDS PROVIDED (300 SQ. FT. MIN./ISLAND X 2)  
1 TREE PER 300 SQ. FT. REQUIRED LANDSCAPED AREA.  
600 SQ. FT./300 = 2 TREES




BUFFER YARD  
NONE REQUIRED.

STREET TREES - 1 TREE PER 35' OF STREET FRONTAGE  
185.36'/35 = 5 TREES

PLANT TYPE	SIZE AT PLANTING
 STREET TREE RED SUNSET MAPLE - ACER RUBRUM "RED SUNSET" SKYLINE HONEYLOCUST - GLEDITZIA TRIACANTHOS INERM IS "SKYLINE"	2.5" DIA. 6" ABOVE ROOT BALL
 LARGE TREE EASTERN REDBUD - CERIS CANADENSIS RED SUNSET MAPLE - ACER RUBRUM "RED SUNSET" SKYLINE HONEYLOCUST - GLEDITZIA TRIACANTHOS INERM IS "SKYLINE" AUTUMN GOLD GINKO - GINKO BILOBA "AUTUMN GOLD"	2.5" DIA. 6" ABOVE ROOT BALL
 SHRUB BERBERIS THUNBERGII - CRIMSON BARBERRY BERBERIS THUNBERGII - JAPANESE BARBERRY BERBERIS THUNBERGII - CRIMSON PYGMY BARBERRY TAKUSI BACATA "REPANDENS" - DWARF ENGLISH YEW BOXUS MYCROPHYLLA - LITTLELEAF OR KOREAN BOXWOOD	18" TALL

- NOTES:
1. IRRIGATION SYSTEM TO BE BY OTHERS & NOT INCLUDED IN THIS PROJECT.
  2. NEW LANDSCAPING TO BE SURROUNDED BY MULCHED LANDSCAPING.
  3. PROVIDE LANDSCAPING FABRIC & STEEL EDGING AROUND ALL PLANTING AREAS.
  4. ALL AREAS NOT COVERED WITH STONE OR HARDSCAPE TO BE SEEDED.

LEGEND

-  PROPOSED SHRUB
-  PROPOSED TREE
-  MULCH AROUND ALL TREES AND SHRUBS

UNDERGROUND UTILITIES:

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BY

DESCRIPTION

DATE

REV. NO.

PROJECT NAME

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INdependent LAND Surveying

SHEET TITLE:

LANDSCAPING PLAN

DRAWN BY:

DEK

SCALE:

1" = 20'

DATE:

07-18-2022

JOB NUMBER:

22018



SHEET

C107

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