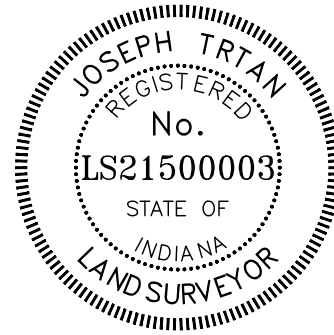


RECORD DRAWING
SANITARY SEWER AS-BUILTS
SANITARY SEWER STRUCTURES ONLY
5/5/2020

JOSEPH TRTAN, LS21500003

- AS-BUILT INFORMATION
- BUILT AS PLANNED
- AS-BUILT SANITARY SEWER STUB

DATE OF LAST FIELDWORK: 4/29/2020



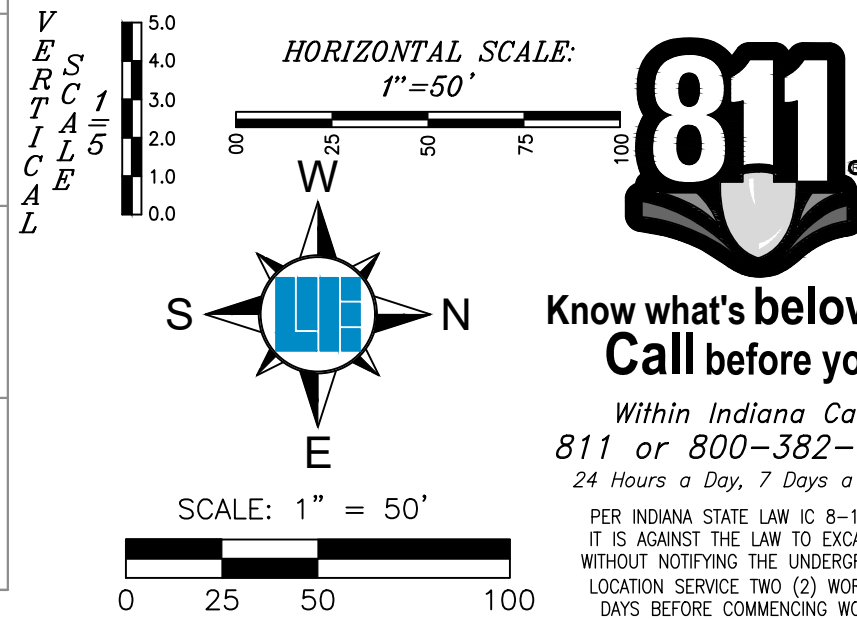
LEGEND	
[Symbol]	RIGHT-OF-WAY LINE
[Symbol]	PROPOSED STORM SEWER LINE
[Symbol]	EXISTING STORM SEWER LINE
[Symbol]	SHALE
[Symbol]	SSD
[Symbol]	PROPOSED SANITARY SEWER LINE
[Symbol]	EXISTING SANITARY SEWER LINE
[Symbol]	SANITARY SEWER MANHOLE
[Symbol]	SANITARY SEWER LATERAL
[Symbol]	PROPOSED WATER LINE
[Symbol]	FLOW DIRECTION
[Symbol]	EXISTING CONTOURS
[Symbol]	PROPOSED ELEVATION
[Symbol]	FINISHED PAVEMENT GRADE
[Symbol]	STORM BEEHIVE INLET
[Symbol]	STORM INLET
[Symbol]	TOP OF CASTING
[Symbol]	INVERT
[Symbol]	RENFORCED CONCRETE PIPE
[Symbol]	MANHOLE
[Symbol]	STRUT
[Symbol]	D.E.
[Symbol]	D.U.E.
[Symbol]	D.U.S.S.E.
[Symbol]	ME
[Symbol]	TYP.
[Symbol]	PROPOSED
[Symbol]	EXISTING
[Symbol]	R.
[Symbol]	V.W.
[Symbol]	M.A.G.
[Symbol]	ROW
[Symbol]	B-B
[Symbol]	B.S.L.
[Symbol]	HP
[Symbol]	ADA RAMP
[Symbol]	FIRE HYDRANT
[Symbol]	BLOWOFF ASSEMBLY
[Symbol]	PROPOSED 8' ASPHALT PATH

SANITARY SEWER NOTES

- THE CONTRACTOR SHALL CONTACT APPLICABLE UNDERGROUND-PLANT PROTECTION/LOCATION SERVICE AT LEAST 72 HOURS PRIOR TO ANY WORK.
- THE CONTRACTOR SHALL CONTACT THE OWNER AND/OR ENGINEER IF UTILITIES APPEAR TO BE IN CONFLICT WITH THE PROPOSED IMPROVEMENTS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.
- THE PLANS SHOW THE LOCATION OF ALL KNOWN UTILITIES LOCATED WITHIN THE LIMITS OF CONSTRUCTION ACCORDING TO INFORMATION PROVIDED BY THE VARIOUS UTILITY COMPANIES. PREVIOUS CONSTRUCTION PLANS AND AS EVIDENCED BY OBSERVATION OF ABOVE GROUND CONDITIONS BY THE SURVEYOR. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED.
- THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
- THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY OWNERS TO VERIFY ANY AND ALL FEES ASSOCIATED WITH THE INSTALLATION OF UTILITIES.
- ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
- ANY PART OF SANITARY TRENCHES RUNNING UNDER OR WITHIN 5' OF PAVEMENT TO BE BACKFILLED WITH GRANULAR MATERIAL.
- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY LOCATION, SIZE, AND ELEVATION OF EXISTING UTILITIES, STRUCTURES, PIPES, PAVEMENTS, ETC. AS RELATED TO THEIR WORK. NOTIFY ENGINEER OF ANY CONFLICT AND/OR DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS.
- CLEARANCE BETWEEN STORM / SANITARY SEWER SYSTEMS AND DOMESTIC/FIRE LINE SERVICE, SHALL MAINTAIN 10" HORIZONTAL AND 18" VERTICAL.
- CONTRACTOR TO INSTALL CONCRETE CRADLES AT PIPE CROSSING WHEN THE VERTICAL SEPARATION (AS MEASURED FROM THE EXTERIOR OF THE PIPES) BETWEEN SANITARY SEWERS, WATER MAINS AND STORM SEWERS IS 18" OR LESS.
- SANITARY SEWER LINE IN PROXIMITY OF WATER LINE SHALL BE C900 WATER MAIN GRADE PVC.
- IF ANY EXISTING STRUCTURES TO REMAIN ARE DAMAGED DURING CONSTRUCTION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND/OR REPLACE THE EXISTING STRUCTURE AS NECESSARY TO RETURN IT TO ITS CONDITION PRIOR TO CONSTRUCTION.
- WHEN PERFORMING EXCAVATIONS DURING PERIODS OF WET WEATHER, PROVIDE ADEQUATE DEWATERING, DRAINAGE AND GROUND WATER MANAGEMENT TO CONTROL MOISTURE OF SOILS.
- COMPACTED "B" BORROW BACK FILL REQUIRED OVER ALL UTILITIES IN PAVED AREAS.
- ALL UTILITY STRUCTURES IN PAVED AREAS SHALL BE FLUSH WITH PAVEMENT AND SHALL HAVE TRAFFIC BEARING RINGS AND COVERS RATED FOR H20 LOADING.
- FOLLOW ALL LOCAL AND STATE CODES IN REFERENCE TO SANITARY SEWER INSTALLATION.
- SANITARY SEWER LATERALS SHALL BE BACKFILLED WITH GRANULAR MATERIAL FOR THE ENTIRE LENGTH OF THE PIPE.
- ALL EXISTING MANHOLES SHALL BE ADJUSTED TO NEW FINISH GRADE ELEVATIONS.

PROJECT BENCHMARK - G236
DESCRIBED BY COAST AND GEODETIC SURVEY 1947:
"4 MI N FROM FORTVILLE, ABOUT 4.05 MILES NORTH ALONG STATE HIGHWAY 13 FROM ITS JUNCTION WITH STATE HIGHWAY 28 AT FORTVILLE, AT CENTER SCHOOL, SET VERTICALLY IN THE WEST FACE OF THE CONCRETE FOUNDATION OF THE BRICK SCHOOL, 1.5 FEET SOUTH OF THE NORTHWEST CORNER AND 1.3 FEET ABOVE THE GROUND."
ELEV. 864.15 NAVD 88

SITE TEMPORARY BENCHMARK
RAILROAD SPIKE IN POWERPOLE LOCATED 76 FEET SOUTH AND 33 FEET WEST OF THE NORTHWEST CORNER OF THE SURVEYED REAL ESTATE.
ELEV. 845.87 NAVD 88



PROFILE LEGEND

- EXISTING GRADE
- FINISHED GRADE
- GRANULAR BACKFILL

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ALLAN H. WEIHE, P.E., L.S. - FOUNDER

WEIHE
ENGINEERS
Land Surveying | Civil Engineering
Landscape Architecture

PROJECT NO.: W170338-1	BY: [Signature]	DATE: 04/04/2018
DWG NAME: AB C500 Sanitary Plan.dwg	DESIGN BY: JTR	CHECKED BY: JTR
DRAWN BY: JTR	DATE: 04/04/2018	

REVISIONS AND ISSUES

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/04/2018

DUANE A. SHARRER P.E. 890258

Oakmont Section One - Ingalls, IN

GRADISON LAND DEVELOPMENT

SANITARY PLAN AND PROFILE

PREPARED FOR:
SHEET NO. C500
PROJECT NO. W170338