



UTILITY NOTES

SANITARY SERVICE	
S1	SANITARY SERVICE CONNECTION TO EXISTING 8" PVC INV. 761.5 CONTRACTOR TO VERIFY CONNECTION INVERT PRIOR TO CONSTRUCTION.
S2	67LF 6" LATERAL @ 2.7%
S3	PROPOSED SANITARY CLEANOUT INV. 766.60
S4	12LF 6" LATERAL @ 2.7%
S5	PROPOSED SANITARY CLEANOUT INV. 766.92
S6	21LF 6" LATERAL @ 2.7%
S7	SANITARY SERVICE CONNECTION INV. 767.50 (REFER TO PLUMBING PLANS FOR CONTINUATION)
S8	20LF 6" LATERAL @ 2.0%
S9	CONNECTION AT GREASE TRAP INV. 767.00
S10	GREASE TRAP SEE SHEET 17 PLAINFIELD STANDARDS/DETAILS
S11	CONNECTION AT GREASE TRAP INV. 767.28
S12	2LF 6" LATERAL @ 2.0%
S13	PROPOSED SANITARY CLEANOUT INV. 767.32
S14	9LF 6" LATERAL @ 2.0%
S15	SANITARY SERVICE CONNECTION INV. 767.50 (REFER TO PLUMBING PLANS FOR CONTINUATION)
WATER SERVICE	
W1	EXISTING 8" WATER MAIN
W2	EXISTING FIRE HYDRANT
W3	WATER SERVICE CONNECTION
W4	1 1/2" GATE VALVE
W5	1 1/2" x 3/4" REDUCER
W6	3/4" METER
W7	3/4" RPZ BACKFLOW PREVENTER
W8	STUB FOR IRRIGATION SITE IRRIGATION DESIGN TO BE PROVIDED BY CONTRACTOR
W9	1 1/2" x 3/4" REDUCER
W10	1 1/2" RPZ BACKFLOW PREVENTER
W11	1 1/2" WATER LINE TO BUILDING
W12	WATER SERVICE CONNECTION REFER TO PLUMBING PLANS
ELECTRIC SERVICE	
E1	ELECTRICAL SERVICE CONNECTION REFER TO ELEC. PLANS AND COORDINATE CONNECTION WITH LOCAL SERVICE PROVIDER.
E2	COORDINATE TRANSFORMER PAD LOCATION WITH LOCAL SERVICE PROVIDER.
GAS SERVICE	
G1	GAS SERVICE CONNECTION REFER TO PLUMBING PLANS AND COORDINATE CONNECTION WITH LOCAL SERVICE PROVIDER.

LEGEND - PROPOSED

	PROPOSED STORM STRUCTURE NUMBER ONSITE
	PROPOSED STORM STRUCTURE NUMBER OFFSITE
	PROPOSED STORM INLET
	PROPOSED DRAINAGE INLET
	PROPOSED DRAINAGE MANHOLE
	PROPOSED STORM SEWER
	PROPOSED CONCRETE END SECTION
	PROPOSED WATER QUALITY STRUCTURE
	PROPOSED SANITARY CLEANOUT
	PROPOSED SANITARY LATERAL
	PROPOSED SWALE
	PROPOSED FLOW ARROW
	PROPOSED WATER LINE
	PROPOSED FIRE HYDRANT
	PROPOSED WATERLINE VALVE
	PROPOSED WATERLINE TEE
	PROPOSED GRANULAR BACKFILL
	PROPOSED GRADE
	PROPOSED UNDERDRAIN
	PROPOSED GAS SERVICE LINE APPROXIMATE LOCATION SHOWN UTILITY PROVIDER HAS RIGHT TO CHANGE LOCATION
	PROPOSED ELECTRIC SERVICE LINE APPROXIMATE LOCATION SHOWN UTILITY PROVIDER HAS RIGHT TO CHANGE LOCATION
	PROPOSED ELECTRIC TRANSFORMER

LEGEND - EXISTING

	EXISTING STORM (CURB) INLET
	EXISTING STORM MANHOLE
	EXISTING STORM SEWER
	EXISTING SANITARY MANHOLE
	EXISTING SANITARY LATERAL MARKER
	EXISTING SANITARY MAIN
	EXISTING FIRE HYDRANT
	EXISTING WATER MAIN
	EXISTING WATER VALVE
	EXISTING LIGHT POLE
	EXISTING ELECTRIC TRANSFORMER
	EXISTING ELECTRIC LINE
	EXISTING GAS LINE
	EXISTING GAS VALVE
	EXISTING GAS LINE MARKER
	EXISTING TELEPHONE LINE
	EXISTING TELEPHONE PEDESTAL
	EXISTING TELEPHONE MANHOLE
	EXISTING TELEPHONE SPLICE TUB
	EXISTING FIBER OPTIC
	EXISTING SIGN
	EXISTING SPOT ELEVATIONS
	EXISTING CONTOUR ELEVATION

SITE NOTES

EA	EXISTING GROUND COVER PARTIAL GRASS COVER
EB	EXISTING BITUMINOUS PAVEMENT
EC	EXISTING CONCRETE
ED	EXISTING COMBINED CURB AND GUTTER
EF	EXISTING TRAIL ASPHALT PATH
PA	PROPOSED CURB SEE DETAILS SHEET C-00
PB	PROPOSED DEPRESSED CURB SEE DETAILS SHEET C-00
PC	PROPOSED GRASS / LANDSCAPE AREA
PD	PAINTED PARKING STRIPE (4" WHITE)
PE	HANDICAP PARKING SPACE
PF	HANDICAP RAMP - TYPE I SEE DETAILS SHEET C-00
PG	HANDICAP RAMP - TYPE II SEE DETAILS SHEET C-00
PH	HANDICAP SIGN
PI	PROPOSED SIDEWALK SEE DETAILS SHEET C-00
PJ	PROPOSED COMBINATION CURB WITH SIDEWALK SEE DETAILS SHEET C-00
PK	PROPOSED PAVEMENT WITHIN DEVELOPMENT AREA (PARKING LOT) SEE DETAILS SHEET C-00
PL	PROPOSED DUMPSTER LOCATION
PM	PROPOSED 6" CONCRETE APRON
PN	SEE ARCHITECTURAL PLANS FOR MENU BOARDS
PO	CANOPY WITH OUTDOOR SEATING AREA
PP	CANOPY 14' x 18' SEE ARCHITECTURAL PLANS
PQ	CANOPY 14' x 6' SEE ARCHITECTURAL PLANS
PR	TRASH CONTAINER SEE ARCHITECTURAL PLANS
PS	PROPOSED CONCRETE COLLAR SEE DETAILS SHEET C-00

GENERAL SITE NOTES

- ALL WORK SHALL CONFORM TO STATE AND LOCAL REGULATIONS.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AS SHOWN ON THIS PLAN PRIOR TO STARTING CONSTRUCTION. IF ANY DISCREPANCIES ARE FOUND IN THE PLANS FROM FIELD CONDITIONS, CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.
- REFER TO THE INDIANA DEPARTMENT OF TRANSPORTATION (INDOT) STANDARD SPECIFICATIONS, 1995 EDITION, FOR BASIC MATERIALS AND CONSTRUCTION METHODS.
- FILL MATERIAL SHALL CONSIST OF EARTH OBTAINED FROM CUT AREAS, BORROW PITS OR OTHER APPROVED SOURCES. EARTH SHALL BE FREE FROM ORGANIC MATTER AND OTHER DELETERIOUS SUBSTANCES AND LARGE ROCKS. THE FILL MATERIAL SHALL BE PLACED IN LAYERS NOT TO EXCEED SIX INCHES FOLLOWING COMPACTION. PROPER MOISTURE CONTENT OF FILL MATERIAL WILL BE SUCH TO ACHIEVE SPECIFIED COMPACTION DENSITY. ALL FILL BENEATH PAVED AREAS, FLOOR SLABS AND FUTURE BUILDINGS SHALL BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY PER ASTM D-1557. FIELD COMPACTION TEST SHALL BE RUN ON EACH LIFT. IN FIELD SECTIONS, AND THE REQUIRED COMPACTION ON EACH LIFT SHALL BE IN ACCORDANCE WITH INDOT SECTION 211.
- THE CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES TO LOCATE MAINS, CONDUITS, SERVICE LINES, ETC. IN THE AFFECTED CONSTRUCTION AREA EXISTING UTILITY STRUCTURES ARE SHOWN HERE IN ACCORDANCE WITH AVAILABLE INFORMATION. THE LOCATION AND PROTECTION OF UTILITY STRUCTURES, THEIR SUPPORT AND MAINTENANCE DURING CONSTRUCTION (IN COOPERATION WITH APPLICABLE UTILITY COMPANY) IS THE EXPRESSED RESPONSIBILITY OF THE CONTRACTOR.
- ALL SPOT ELEVATIONS ARE TO FINISHED GRADE.
- ALL GRADES AT BOUNDARY SHALL MEET EXISTING.
- ALL CONSTRUCTION ON THIS SITE TO BE PERFORMED IN COMPLIANCE WITH O.S.H.A. STANDARDS FOR WORKER SAFETY.
- PROVIDE POSITIVE DRAINAGE WITHOUT PONDING IN ALL AREAS AFTER INSTALLATION. CONTRACTOR TO TEST FOR AND CORRECT ANY PONDING CONDITIONS. ANY AREAS THAT HOLD WATER MORE THAN 1/8" DEEP SHALL BE CUT OUT AND CORRECTED TO POSITIVE DRAINAGE AT NO COST TO THE OWNER/ DEVELOPER/ OR ENGINEER.
- VERIFY EXISTING STORM INVERT ELEVATIONS PRIOR TO STARTING NEW STORM SEWER CONNECTION.
- THE CONTRACTOR IS RESPONSIBLE TO CALCULATE THEIR OWN DIRT QUANTITIES TO DETERMINE A SITE BALANCE. THE CONTRACTOR IS ALSO RESPONSIBLE TO CHECK EXISTING GRADES AGAINST PROPOSED GRADES TO DETERMINE ACCURACY OF DIRT TO BE MOVED ON THE SITE. ONCE THE CONTRACTOR MOVES ANY DIRT ON SITE THEY ARE RESPONSIBLE FOR ALL DIRT TO BE MOVED AT NO ADDITIONAL COST TO THE DEVELOPER.
- ALL CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING THE MOST UPDATED SET OF CONSTRUCTION PLANS PRIOR TO COMMENCING CONSTRUCTION.
- ALL SANITARY SEWER LATERALS SHOWN ARE TO BE 6" PVC SDR-35 NORMAL LATERAL SLOPE IS 1/8" PER FOOT MINIMUM LATERAL SLOPE IS 1/8" PER FOOT MINIMUM COVER IS 4 FEET OVER THE PIPE
- CONTRACTOR SHALL RESURFACE AND/OR RECONSTRUCT BACK TO ITS ORIGINAL CONDITION. ANY AREAS DISTURBED BY CONSTRUCTION ACTIVITY AS WELL AS TRAFFIC FROM SUPPLIERS AND SUBCONTRACTORS AFTER CONSTRUCTION WORK IS COMPLETE.



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THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY.

SITE BENCHMARK: TBM#1
CUT "X" TOP OF N.E. BOLT OF A FIRE HYDRANT LOCATED 220.0± WEST OF ¼ OF DAN JONES RD. 19.0± NORTH OF ¼ NORTH ENTRANCE TO MEIJER STORE
ELEVATION = 772.673 NAVD 88

SITE BENCHMARK: TBM#2
CUT "X" ON TOP OF N.W. BOLT OF A FIRE HYDRANT LOCATED 16± SOUTH OF ¼ BEECHWOOD DR 53.0± WEST OF ¼ DAN JONES RD.
ELEVATION = 770.465 NAVD 88

UTILITY STATEMENT:
INFORMATION REGARDING THE REPUTED PRESENCE, SIZE, CHARACTER AND LOCATION OF EXISTING UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES IS SHOWN HEREON. THERE IS NO CERTAINTY OF THE ACCURACY OF THIS INFORMATION AND IT SHALL BE CONSIDERED IN THAT LIGHT BY THOSE USING THIS DRAWING. THE LOCATION AND ARRANGEMENT OF UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES SHOWN HEREON MAY BE INACCURATE AND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES NOT SHOWN MAY BE ENCOUNTERED. THE OWNER, HIS EMPLOYEES, HIS CONSULTANTS AND HIS CONTRACTORS SHALL HEREBY DISTINCTLY UNDERSTAND THAT THE SURVEYOR IS NOT RESPONSIBLE FOR THE CORRECTNESS OR SUFFICIENCY OF THIS INFORMATION REGARDING THE UNDERGROUND UTILITIES AND STRUCTURES RELATED TO UNDERGROUND UTILITIES SHOWN HEREON.

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NORTHPOINTE ENGINEERING & SURVEYING, Inc.

Engineering, Land Surveying
Consulting & Inspection

Donna Jo Smithers
Professional Land Surveyor
President / Owner

Venus L.L. Thorne
Professional Engineer
Vice President

Martin K. Spees
Professional Engineer
Vice Engineering

6125 South East Street, Suite "B"
Indianapolis, Indiana 46227-2147
Office - 317-884-5020
www.npesindy.com

PRELIMINARY
NOT APPROVED FOR CONSTRUCTION

05.03.19 Seal

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NOT APPROVED FOR CONSTRUCTION

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Scale: 1"=30'

PREPARED FOR

TOF LLC
Todd Fugate

208 South Maize Road
Wichita, Kansas 67209

PROJECT NAME

SONIC

Lot 4 Meijer Subdivision | Town of Plainfield | Hendricks County, Indiana

SHEET TITLE

UTILITY PLAN

DATE

05.03.2019

NPES Job # 18-0183

Sheet C-5.0