

**1429 ECK ROAD OUTDOOR STORAGE**  
**MAJOR PLAN 2022-109**  
**ATTACHMENTS**

- 1. Memorandum**
- 2. Site Plan**
- 3. Township Engineer Review dated October 11, 2023**
- 4. Township Water and Sewer Engineer Review dated October 9, 2023**
- 5. Township Water and Sewer Engineer Will Serve Letter dated June 2, 2023**
- 6. Township Geotechnical Consultant Review dated October 6, 2023**
- 7. Public Works Department Review dated October 12, 2023**
- 8. Community Development Department Review dated October 12, 2023**
- 9. Zoning Officer Review dated October 16, 2023**
- 10. Public Safety Commission Review dated June 6, 2023**
- 11. Landscape and Shade Tree Commission Review dated May 26, 2023**
- 12. Parks and Recreation Board Review dated June 13, 2023**
- 13. LVPC Review dated June 16, 2023**
- 14. Applicant's Correspondence:**
  - A. Project Narrative dated May 17, 2023**
  - B. Waiver Request Letter dated September 28, 2023**

**TO: PLANNING COMMISSION**  
**FROM: GREGG R. ADAMS, PLANNER**  
**SUBJECT: 1429 ECK ROAD OUTDOOR STORAGE**  
**MAJOR PLAN 2022-109**  
**REQUEST FOR PRELIMINARY/FINAL PLAN REVIEW**

**DATE: OCTOBER 13, 2023**

**COPIES: BOARD OF COMMISSIONERS, T. PETRUCCI, D. MANHARDT,**  
**L. HARRIER, L. PERIERA ESQ, A. TALLARIDA, S. PIDCOCK,**  
**APPLICANT, SUB. FILE 2022-109**

**LOCATION AND INTENT:**

An application to develop the property located at 1429 Eck Road. The plan proposes to construct a 79-trailor space parking area (12 of which are to be utilized as 16 reserve standard parking spaces) with 8 standard parking spaces (and 16 afore-mentioned reserved standard parking spaces) and a guard shack on the 5.11-acre parcel. The property is to be served by public water and public sewer and is zoned Industrial Commercial-1 (Special Height Limitation) IC-1. Triple Net Investments CI, LLC is the equitable owner and applicant.

**PREVIOUS TOWNSHIP CONSIDERATION:**

At their November 28, 2022 hearing, the Zoning Hearing Board granted Special Exception approval with 15 conditions and a variance to allow an unconstructed/striped 16-space parking area to be reserved for 1429 Eck Road Outdoor Storage, as part of Zoning Appeal 2022-09.

The Planning Commission reviewed Sketch Plan submissions for 1429 Eck Road Outdoor Storage Major Plan 2022-109 at their December 15, 2022 and September 15, 2022 meetings.

**REVIEWING AGENCIES COMMENTS:**

- A. Township Engineer** – The comments of the Township Engineer are contained in Mr. Anthony Tallarida’s review dated October 11, 2023. Mr. Tallarida is not recommending engineering approval at this time. His comments pertain to waiver requests, plan detail regarding the adjoining Pushkar tract, stormwater management, traffic, and outside agency approvals.
- B. Township Water & Sewer Engineer** –Comments from the Township Water & Sewer Engineer are contained in Mr. Jason Newhard’s review dated October 9, 2023. His comments pertain to plan detail.
- C. Township Geotechnical Consultant** – Comments from the Township Geotechnical Consultant are contained in Mr. Chris Taylor’s review dated October 6, 2023. His comments pertain to basin drainage documentation, stormwater infiltration documentation, basin floor slope, basin side wall slope, land development plan detail, and irrigation rate documentation.
- D. Public Works Department** – The comments from the Public Works Department are contained in Manager Herb Bender’s review dated October 12, 2023. His comments pertain to paving disturbance and stormwater management facility ownership.

- E. **Public Safety Committee** – The Public Safety Commission reviewed the plan at its June 5, 2023 meeting and reported no comments. The Fire Marshal reported no new comments.
- F. **Landscape and Shade Tree Commission** – The Landscape and Shade Tree Commission is scheduled to review the plan at their October 23, 2023 meeting.
- G. **Parks and Recreation Board** – The Parks and Recreation Board recommended at their June 13, 2023 meeting that the developer pay fees in lieu of common open space land dedication to meet the open space and recreation requirements of Section 312-36(d)(4) of the Subdivision and Land Development Ordinance. According to the Zoning Data Block on sheet LD-2, the plan proposes an additional 112,811 square feet of impervious surface, resulting in a fee of \$28,202.75.
- H. **Lehigh Valley Planning Commission** – The comments of the Lehigh Valley Planning Commission are contained in Ms. Bambi Griffin Rivera’s review dated June 16, 2023. Her comments pertain to trailer accommodations, emergency services, development, sidewalks, landscaping, and stormwater. Mr. Geoffrey Reese notes in his stormwater management review dated June 16, 2023 that the drainage plan is inconsistent with the Act 167 Plan requirements.
- I. **Lehigh County Conservation District** – The comments of the Lehigh County Conservation District have not been received at the time of this writing.
- J. **Pennsylvania Department of Environmental Protection** – The applicant is to obtain approvals for the NPDES Permit and Sewage Facilities Planning.
- K. **LANTA** – The comments of LANTA have not been received at the time of this writing.
- L. **Community Development Department** – The Department’s technical review is dated October 12, 2023 and provides comment pertaining to zoning issues, public safety, shade trees, Open Space, water and sewer utilities, MS4, plan detail, waiver request commentary, and Official Map and Comprehensive Plan consistency. The comments of the Zoning Officer are contained in Ms. Laura Harrier’s review dated October 16, 2023. Her comments pertain to dumpster location, buffer requirements and plan detail.

### **COMMUNITY DEVELOPMENT DEPARTMENT RECOMMENDATION:**

The Department recommends that the Planning Commission take the plan under advisement to afford the applicant the time necessary to address the reviewing agencies’ comments. Our recommendation is contingent upon the applicant granting the Township a waiver from the timeframe in which to act upon the plan.

<b>Planning Commission deadline date to act on the plan:</b>	<b>November 20, 2023</b>
<b>Board of Commissioners deadline date to act on the plan:</b>	<b>December 20, 2023</b>

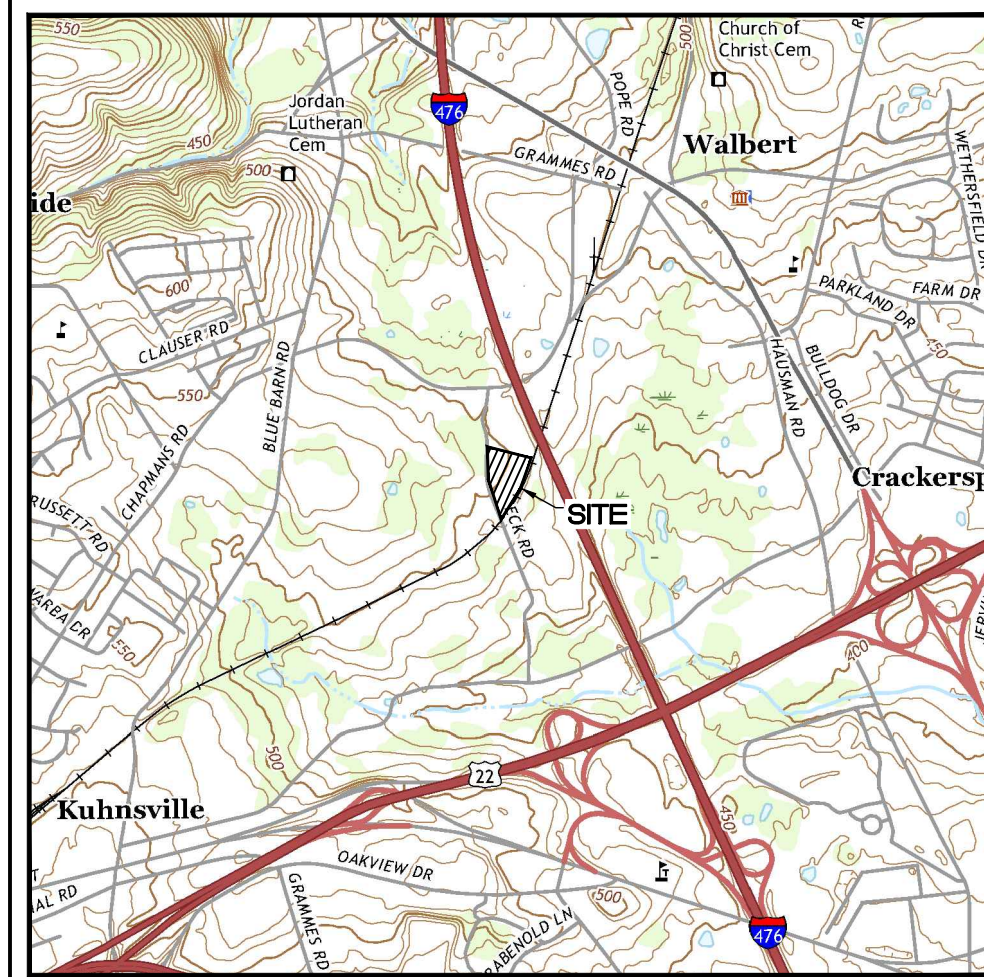


**1429 Eck Road Outdoor Storage Major Plan 2022-109**  
**Location Map**



**1429 Eck Road Outdoor Storage Major Plan 2022-109**





**LOCATION MAP**

Scale 1" = 2000'

PROPOSED SIGN TABULATION				
SYMBOL	SERIES	SIZE	QUANTITY	MESSAGE
A	R7-8	12" x 18"	1	RESERVED PARKING (HANDICAP)
	R7-8P	18" x 9"	1	VAN ACCESSIBLE
B	R7-8F	12" x 18"	1	PENALTIES
	R1-1	36" x 36"	2	STOP SIGN
C	R8-3	12" x 12"	1	NO PARKING SYMBOL
D	R7-301	12" x 6"	1	ARROW PLAQUE
E	W1-4R	36" x 36"	1	RIGHT REVERSE CURVE ROAD
F	WS-1	30" x 30"	1	ROAD NARROWS
G	N/A	TBD	5	RESTRICTED REFRIGERATED UNIT PARKING (VERBIAGE TBD)

\*\* SIGNS TO BE BY APPROVED PENNDOT SUPPLIER  
 \*\* SIGNS TO BE PENNDOT TYPE "B" BREAKAWAY

**GENERAL DEVELOPMENT NOTES:**

- STORMWATER BMPs ARE FIXTURES THAT CANNOT BE ALTERED OR REMOVED WITHOUT APPROVAL BY THE TOWNSHIP AND/OR COUNTY CONSERVATION DISTRICT.
- ANY PROPOSED SIGNS SHALL BE PERMITTED IN ACCORDANCE WITH COMPLY WITH ZONING ORDINANCE.
- THE OWNER AGREES TO COMPLY WITH THE APPLICABLE REQUIREMENTS FOR PROPOSED USE(S) AS DETAILED IN ZONING ORDINANCE.
- THE APPLICANT IS RESPONSIBLE FOR JOINING THE PA ONE CALL SYSTEM. THE APPLICANT IS RESPONSIBLE FOR MARKING ALL NEWLY CONSTRUCTED UNDERGROUND UTILITIES PRIOR TO THE UTILITIES BEING FORMALLY ACCEPTED AND DEDICATED TO THE TOWNSHIP.
- ALL ON SITE UTILITIES SHALL BE INSTALLED UNDERGROUND.
- THE PROPOSED BUILDING IS TO BE SERVED WITH PUBLIC WATER AND PUBLIC SEWER PROVIDED BY SOUTH WHITEHALL TOWNSHIP AUTHORITY.
- THE UNDERGROUND UTILITIES SHOWN ON THIS MAP WERE LOCATED FROM VISIBLE EVIDENCE AND FIELD MARKINGS AT THE TIME OF THE SURVEY. THE EXTENT AND DEPTHS OF ALL UNDERGROUND UTILITIES ARE APPROXIMATE ONLY AND SHALL BE VERIFIED PRIOR TO ANY EXCAVATION.
- ALL REQUIRED PUBLIC IMPROVEMENTS DEPICTED ON THIS PLAN SHALL BE COMPLETED WITHIN ONE YEAR OF THE SIGNING OF THE DEVELOPER'S AGREEMENT.
- THE PROPERTY OWNER SHALL SIGN AN OPERATIONS AND MAINTENANCE AGREEMENT WITH THE TOWNSHIP COVERING ALL STORMWATER BMP'S THAT ARE TO BE PRIVATELY OWNED. THE AGREEMENT SHALL INCLUDE THE TERMS OF THE FORMAT AGREEMENT REFERENCED IN THE SOUTH WHITEHALL TOWNSHIP'S STORMWATER MANAGEMENT ORDINANCE CHAPTER 13, APPENDIX E.
- THERE SHALL BE NO OBSTRUCTION OF VISION BETWEEN A HEIGHT OF TWO (2') FEET AND TEN (10') FEET ABOVE THE CENTERLINE GRADE OF THE STREET WITHIN THE CLEAR SIGHT TRIANGLE.
- CLEAR SIGHT TRIANGLES SHALL BE GRADED AS NECESSARY AND KEPT CLEAR OF ANY BUILDINGS, PLANTINGS, OR OTHER OBSTRUCTIONS.
- AREAS BETWEEN THE EDGE OF CARTWAY AND THE OUTER EDGE OF THE OUTER TRAVEL LANE WITHIN ANY CLEAR SIGHT TRIANGLE SHALL BE DESIGNATED AS NO-PARKING AREAS WITH APPROPRIATE SIGNAGE AND/OR CURB PAINTING.
- ANTICIPATED COMPLETION DATE - OCTOBER 2024.

**LEGEND**

EXISTING FEATURES	
CONCRETE CURB	---
EDGE OF PAVEMENT	----
CONCRETE WALK OR PAD	=====
EASEMENT LINE	-----
SETBACK LINE	-----
PAINT LINES	-----
PROPERTY LINES	-----
SIGN POST	○ SIGN
FENCE	X X
DECIDUOUS/PINE TREE	⊗ ⊕
UTILITY POLE	○ UP

PROPOSED FEATURES	
CONCRETE CURB	---
EDGE OF PAVEMENT	----
CONCRETE WALK OR PAD	=====
PROPOSED SIGN	○
R.O.W TO BE DEDICATED	=====
AREA TO BE CONVEYED	=====
AREA TO BE MILLED	=====
ROAD WIDENING	=====

**SITE DATA:**

PROPERTY ADDRESS: 1429 ECK ROAD  
 ALLENTOWN, PA 18104  
 PARCEL ID: 547720402074-1  
 DOCUMENT ID: 2012024283  
 TOTAL LOT AREA: 5.112 ACRES  
 ROW TO BE DEDICATED: 0.711 ACRES  
 AREA TO BE CONVEYED: 0.053 ACRES  
 ADJ. TOTAL LOT AREA: 4.348 ACRES

**OWNER OF RECORD:**  
 DARYL R. & CHERYL L. LONG  
 3742 EAGLE ROAD  
 SLATINGTON, PENNSYLVANIA 18080

**DEVELOPER:**  
 J.G. PETRUCCI CO.  
 171 ROUTE 173 - SUITE 201  
 ASBURY, NEW JERSEY 08802-1365

**ZONING DATA**

ZONING DISTRICT: IC-1 INDUSTRIAL COMMERCIAL - 1  
 OVERLAY DISTRICT: TND - INDUSTRIAL RETROFIT AND INFILL

EXISTING USE: VACANT LAND  
 PROPOSED USE: OUTDOOR STORAGE (SPECIAL EXCEPTION USE)

LF OF NEW STREET: 0 FT.

**MINIMUM YARD REQUIREMENTS:**  
 FRONT YARD - 50'/35'  
 SIDE YARD - 25'  
 REAR YARD - 25'

\*NOTE: FRONT YARD REDUCED PER Z.O. 350-45(d)

	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	1 ACRE	5.11 ACRES	4.35 ACRES
MIN. LOT WIDTH	150 FT	625 FT	625 FT
MAX HEIGHT OF BUILDING	35 FT	N/A	<35 FT
			1 STORY
			NO BASEMENT
MAX. IMPERVIOUS COVERAGE:	75%	0.0%	59.6%*
		(0 SF)	(112,811 SF)
MAX. BUILDING COVERAGE:	N/A	0.0%	<0.1%
		(0 SF)	(100 SF)

\*NOTE: IMPERVIOUS COVERAGE INCLUDES RESERVE PARKING AREA.

**UTILITIES**

SEWER: SOUTH WHITEHALL TOWNSHIP  
 WATER: SOUTH WHITEHALL TOWNSHIP  
 ELECTRIC: PPL  
 TELEPHONE: VERIZON, PA  
 GAS: UGI UTILITIES, INC.

**PARKING TABULATION:**

REQUIRED PARKING - OUTDOOR STORAGE:  
 ONE (1) SPACE FOR EVERY 5,000 SQUARE FEET OF ENCLOSED OUTDOOR STORAGE AREA. NOT APPLICABLE IF AN ACCESSORY USE.

114,650 SF AREA \* (1 SPACE/5,000 SF) = 23 SPACES REQUIRED

SPACES PROPOSED = 8 SPACES

SPACES IN RESERVE = 16 SPACES

TOTAL PARKING SPACES = 24 SPACES

TRAILER STORAGE SPACES = 178 SPACES

**WAIVER NOTE:**

THE FOLLOWING WAIVERS FROM SECTIONS OF THE SOUTH WHITEHALL TOWNSHIP SUBDIVISION AND LAND DEVELOPMENT ORDINANCE ARE REQUESTED FOR THIS APPLICATION:

- SECTION 304-27-A - TO ALLOW EXCAVATION ON THE STREET TO MAKE REQUIRED UTILITY CONNECTIONS.
- SECTION 312-12(b)(15) - TO NOT SHOW EXISTING AND PROPOSED CONTOURS WITHIN 400 FEET OF SITE.
- SECTION 312-12(b)(21) - TO NOT SHOW EXISTING SIDEWALK, TRAILS, DRIVEWAYS, STREET, EXTENSIONS, AND RIGHT-OF-WAY, ETC. WITHIN 400 FEET OF SITE.
- SECTION 312-36(c)(5)(A) - TO ALLOW A DRIVEWAY WIDTH AT THE RIGHT-OF-WAY LINE TO BE LARGER THAN 40 FEET.

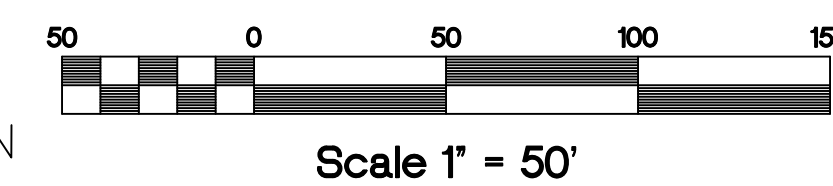
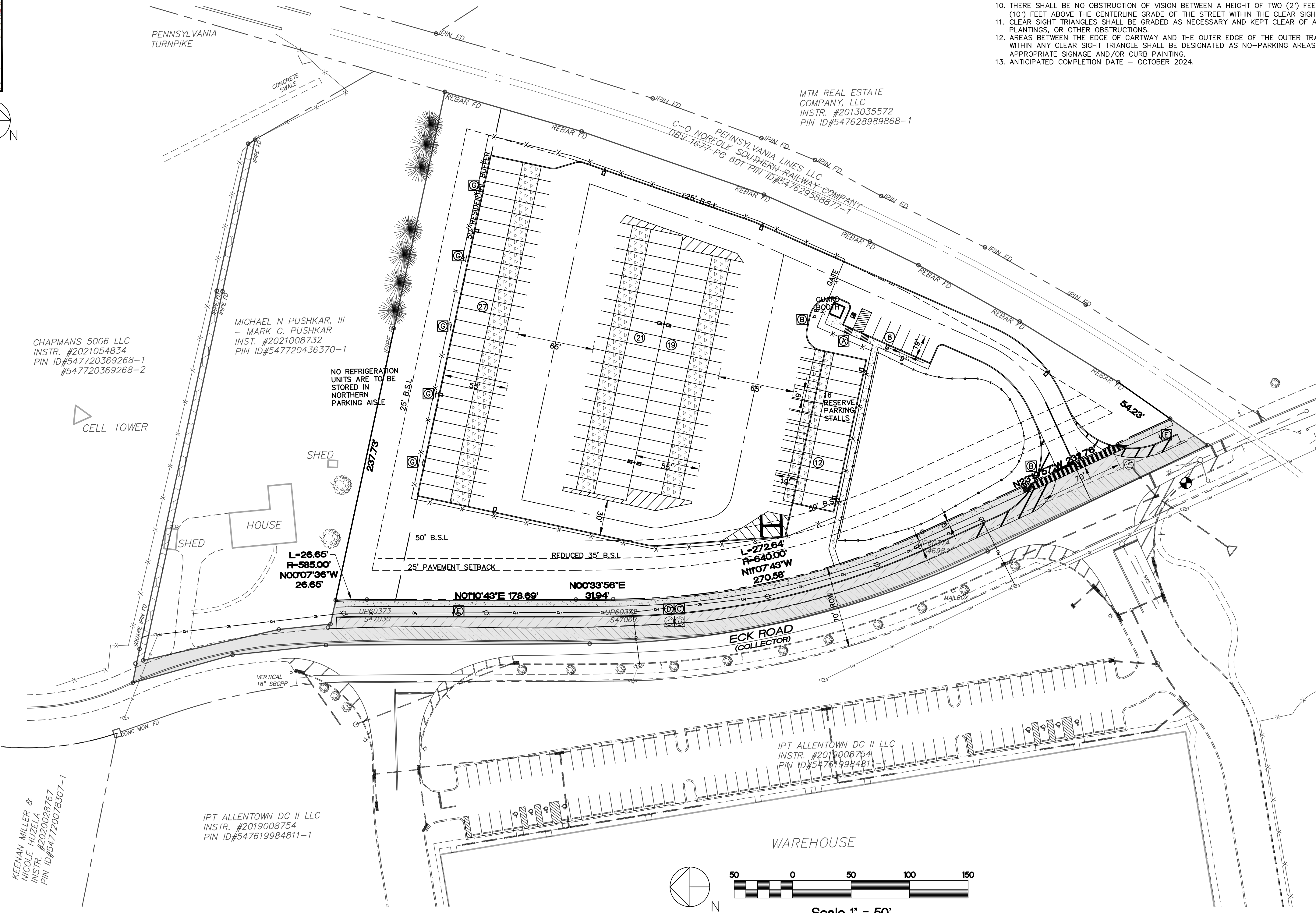
**PRELIMINARY/FINAL RECORD PLAN**

**PANY & LENTZ ENGINEERING COMPANY**  
 CONSULTING ENGINEERS  
 CIVIL • STRUCTURAL • MECHANICAL • MAINTENANCE  
 609 Hamilton Street • Allentown, PA 18101  
 Office: 610/433-1634 • Fax: 610/433-1636

1429 ECK ROAD  
**OUTDOOR STORAGE**  
 SOUTH WHITEHALL TOWNSHIP  
 LEHIGH COUNTY, PENNSYLVANIA

J.G. PETRUCCI CO., INC.  
 171 ROUTE 173  
 SUITE 201  
 ASBURY, NEW JERSEY 08802

DESIGNED	DRAWN	CHECKED	DATE
MAP	BMW	MFS	02/22/25
SCALE	1" = 50' U.N.O.		
DATE	MAY 15, 2025		
DWG. NO.	LD-2		
SHEET NO.	2		
OF	34 SHEETS		



**BENCH MARK**  
 TOP OF CURVE  
 ELEV. 496.82 (TOP OF NUT)  
 NORTH AMERICAN VERTICAL DATUM 1988

**PA ACT 287, AS AMENDED**  
 IN ACCORDANCE WITH PA ACT 287, AS AMENDED, THE SURVEYOR CONTACTED PA ONE CALL, INC., FOR A DESIGN PHASE LOCATION REQUEST. THE SERIAL NUMBER FOR THAT REQUEST IS 20222283634. THE SURVEYOR HAS MADE NO INDEPENDENT VERIFICATION OF THE INFORMATION PROVIDED OTHER THAN AS MAY BE READILY EVIDENT FROM THE SURFACE OF THE GROUND.  
 THE CONTRACTOR SHALL COMPLY WITH PA ACT 287, AS AMENDED REQUIREMENTS AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK.



**ENGINEER'S STATEMENT**  
 I, STEPHEN A. PANY, A REGISTERED PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF PENNSYLVANIA, DO HEREBY CERTIFY THAT THE ACCOMPANYING APPLICATION, PLANS AND SUPPORTING DOCUMENTATION ARE TRUE AND CORRECT, TO THE BEST OF MY KNOWLEDGE.  
 DATE \_\_\_\_\_ PLAN PREPARER'S SIGNATURE \_\_\_\_\_

Pany & Lentz Engineering Company accepts no responsibility for unauthorized use of this document. Reproduction of this drawing or any portion thereof is prohibited without the written consent of Pany & Lentz Engineering Company. Only final construction documents signed and sealed by the Engineer of Record are valid.  
 All written dimensions shall take priority over scaled dimensions. The contractor shall be responsible for verifying all locations, elevations, dimensions and conditions prior to construction. The contractor shall notify Pany & Lentz Engineering Company of any discrepancies with the information shown on the drawings.

ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SOUTH WHITEHALL TOWNSHIP STANDARD SPECIFICATIONS.

Keenan Miller & Nicole Puzela  
 INSTR. #2020028767  
 PIN ID#547720078307-1

CHAPMAN 5006 LLC  
 INSTR. #2021054834  
 PIN ID#547720369268-1  
 #547720369268-2

MICHAEL N. PUSHKAR, III  
 - MARK C. PUSHKAR  
 INST. #2011008732  
 PIN ID#547720436370-1

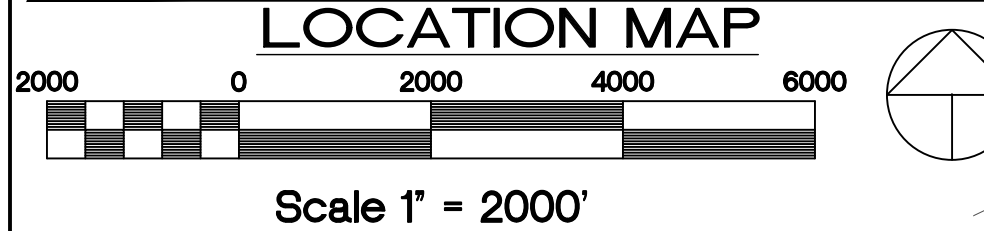
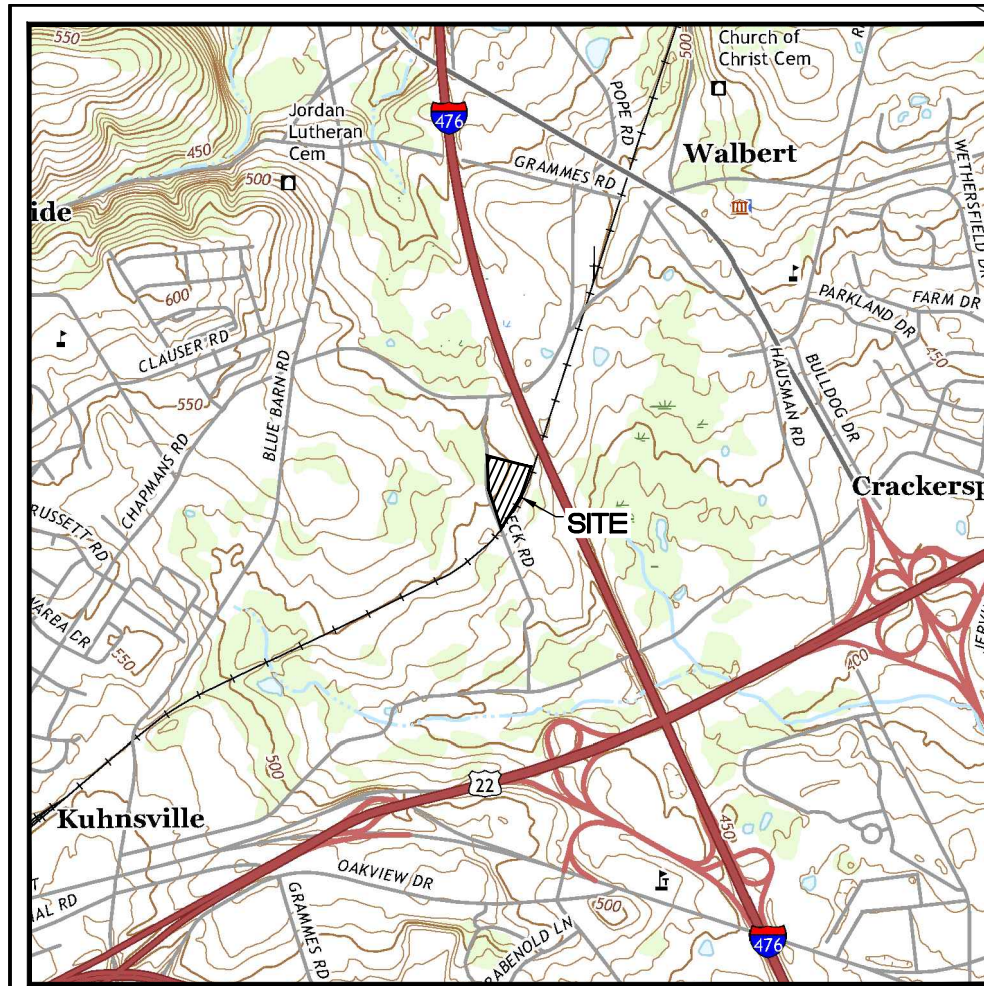
IPT ALLENTOWN DC II LLC  
 INSTR. #2019008754  
 PIN ID#547619984811-1

MTM REAL ESTATE COMPANY, LLC  
 INSTR. #2013035572  
 PIN ID#547628989868-1

C-O NORFOLK SOUTHERN RAILWAY COMPANY  
 INSTR. #2015008777-1  
 PIN ID#547628588877-1

DATE: September 28, 2025 - 9:05am  
 \*\*Pany & Lentz Engineering Company\*\* - USER: Brian

RECORD PLAN: dwg-Record Plan  
 DATE: 09/23/25  
 PER TOWNSHIP ENG. REVIEW: 06/07/23  
 BY: BMW



**LEGEND**

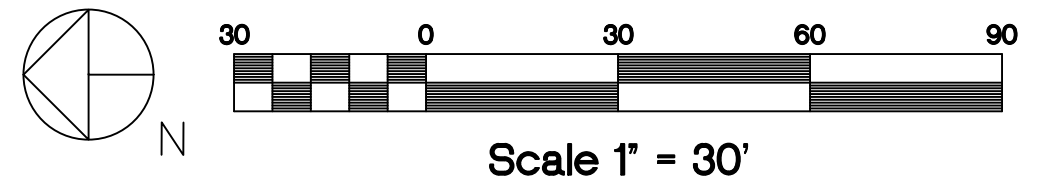
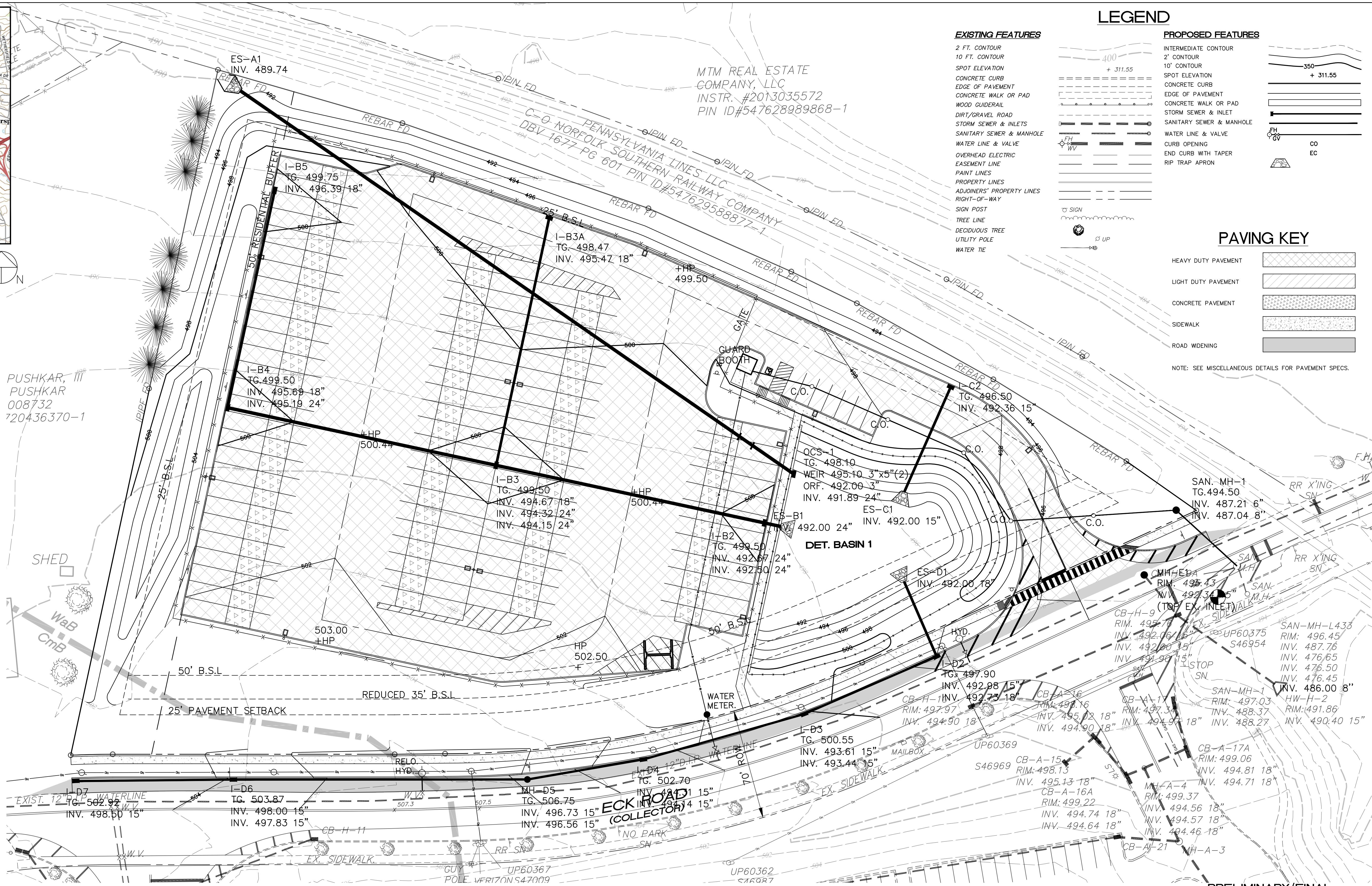
EXISTING FEATURES	PROPOSED FEATURES
2 FT. CONTOUR	INTERMEDIATE CONTOUR
10 FT. CONTOUR	2' CONTOUR
SPOT ELEVATION	10' CONTOUR
CONCRETE CURB	SPOT ELEVATION
EDGE OF PAVEMENT	CONCRETE CURB
CONCRETE WALK OR PAD	EDGE OF PAVEMENT
WOOD GUIDERAIL	CONCRETE WALK OR PAD
DIRT/GRAVEL ROAD	STORM SEWER & INLET
STORM SEWER & INLETS	SANITARY SEWER & MANHOLE
SANITARY SEWER & MANHOLE	WATER LINE & VALVE
WATER LINE & VALVE	CURB OPENING
OVERHEAD ELECTRIC	END CURB WITH TAPER
EASEMENT LINE	RIP TRAP APRON
PAINT LINES	
PROPERTY LINES	
ADJOINERS' PROPERTY LINES	
RIGHT-OF-WAY	
SIGN POST	
TREE LINE	
DECIDUOUS TREE	
UTILITY POLE	
WATER TIE	

**PAVING KEY**

HEAVY DUTY PAVEMENT	
LIGHT DUTY PAVEMENT	
CONCRETE PAVEMENT	
SIDEWALK	
ROAD WIDENING	

NOTE: SEE MISCELLANEOUS DETAILS FOR PAVEMENT SPECS.

MTM REAL ESTATE  
COMPANY, LLC  
INSTR. #2013035572  
PIN ID#547628989868-1



**BENCH MARK**  
TOP OF CURVE  
ELEV. 496.82 (TOP OF NUT)  
NORTH AMERICAN VERTICAL DATUM 1988

ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SOUTH WHITEHALL TOWNSHIP STANDARD SPECIFICATIONS.

**PRELIMINARY/FINAL  
GRADING + UTILITY PLAN**

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**1429 ECK ROAD  
OUTDOOR STORAGE**  
SOUTH WHITEHALL TOWNSHIP  
LEHIGH COUNTY, PENNSYLVANIA

DESIGNED	J.P.
DRAWN	BMW
CHECKED	MFS
JOB. NO.	2022258
SCALE	1" = 50' U.N.O.
DATE	MAY 15, 2023
DWG. NO.	LD-5
SHEET NO.	5
REV.	
OF	34
SHEETS	1

**PA ACT 287, AS AMENDED**  
IN ACCORDANCE WITH PA ACT 287, AS AMENDED, THE SURVEYOR CONTACTED PA ONE CALL, INC., FOR A DESIGN PHASE LOCATION REQUEST. THE SERIAL NUMBER FOR THAT REQUEST IS 2022283634. THE SURVEYOR HAS MADE NO INDEPENDENT VERIFICATION OF THE INFORMATION PROVIDED OTHER THAN AS MAY BE READILY EVIDENT FROM THE SURFACE OF THE GROUND.  
THE CONTRACTOR SHALL COMPLY WITH PA ACT 287, AS AMENDED REQUIREMENTS AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK.

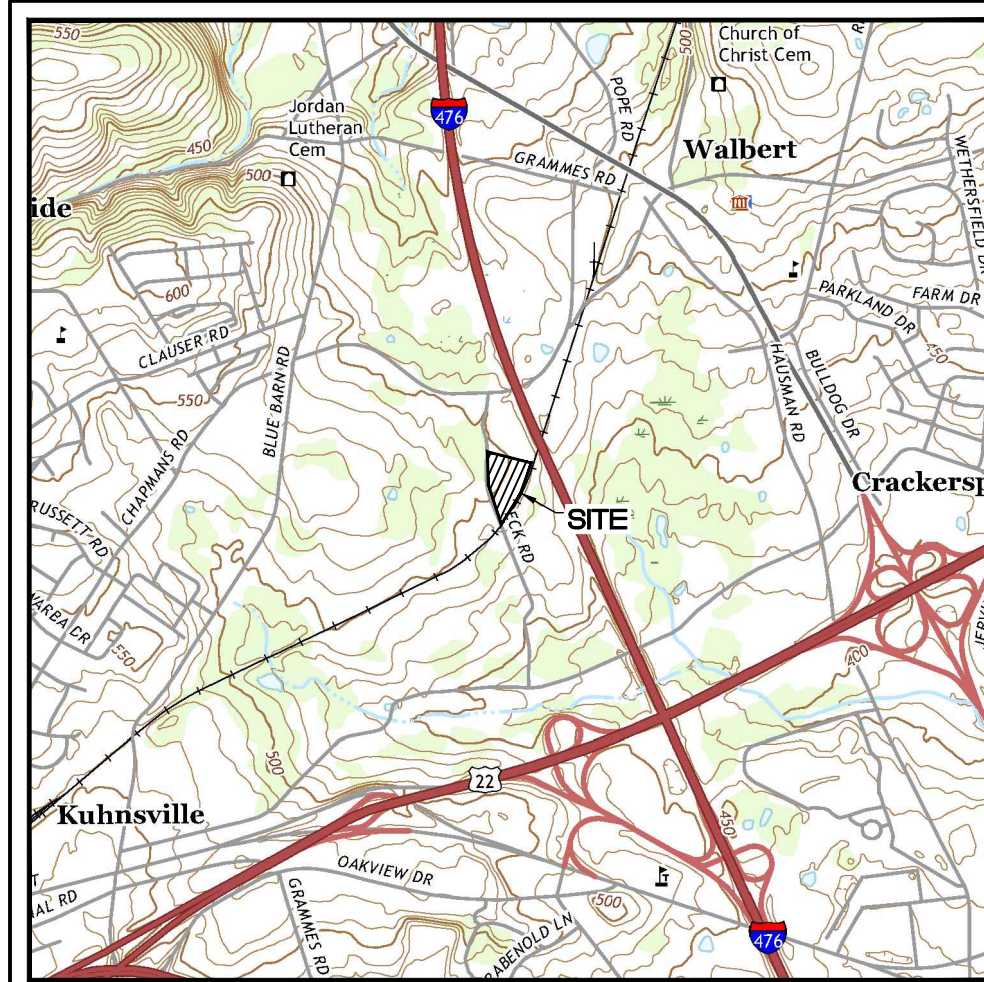


**ENGINEER'S STATEMENT**  
I, STEPHEN A. PANY, A REGISTERED PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF PENNSYLVANIA, DO HEREBY CERTIFY THAT THE ACCOMPANYING APPLICATION, PLANS AND SUPPORTING DOCUMENTATION ARE TRUE AND CORRECT, TO THE BEST OF MY KNOWLEDGE.  
DATE \_\_\_\_\_ PLAN PREPARER'S SIGNATURE \_\_\_\_\_

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All written dimensions shall take priority over scaled dimensions. The contractor shall be responsible for verifying all locations, elevations, dimensions and conditions prior to construction. The contractor shall notify Pany & Lentz Engineering Company of any discrepancies with the information shown on the drawings.

Date: September 28, 2023 - 9:06am \*Pany & Lentz Engineering Company\* - USER: Brian  
 [Xref: TB 24x36] [Location Map] [Landscape] [Ektopic] [Extopio] [Vred- TB 24x36]  
 G:\ACAD\Acad\DWG\2022\258 1429 Eck Rd - JPP\Landscaping\Current Rev\05 - Grading & Utility.dwg - Scoping & Utility





**LOCATION MAP**  
Scale 1" = 2000'

QUANTITY	ALIAS	SCIENTIFIC NAME	COMMON NAME	PLANTING SIZE (MIN.)	COMMENTS
<b>DECIDUOUS TREES</b>					
18	AR	ACER RUBRUM	RED MAPLE	2" CAL	B & B, SINGLE LEADER
12	ZS	ZELKOVA SERRATA	JAPANESE ZELKOVA	2" CAL	B & B, SINGLE LEADER
30	TOTAL				DECIDUOUS TREES SHALL HAVE CLEAR BRACING HEIGHT TO 6' ABOVE GRADE
<b>EVERGREEN TREES</b>					
39	JV	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6" HEIGHT	B & B, SHEARED
39	TOTAL				
<b>SHRUBS</b>					
36	VP	CORNUS ALBA SIBERICA	RED TWIG DOGWOOD	24" HEIGHT	B & B
36	TOTAL				

NOTE: ANY EXISTING STREET TREES DAMAGED DURING CONSTRUCTION SHALL BE REPLACED WITH ANY EQUIVALENT TREE.

AUTHORITY	REQUIREMENT	CALCULATION	MINIMUM	PROVIDED
SOUTH WHITEHALL TWP.	OFF STREET PARKING 10 OFF STREET PARKING SPACES	1 TREE MINIMUM FOR 24 CAR PARKING SPACES / 10 = 2.4 TREES 78 TRAILER PARKING SPACES / 10 = 7.3 TREES = 9.7 TREES	10	77
SOUTH WHITEHALL TWP.	STREET TREES 1 TREE MINIMUM FOR 100 FEET OF STREET RIGHT-OF-WAY	ECK ROAD: 806 LINEAR FEET OF STREET R.O.W. / 100 = 8.1 TREES = 9.0 TREES	9	15

### LEGEND

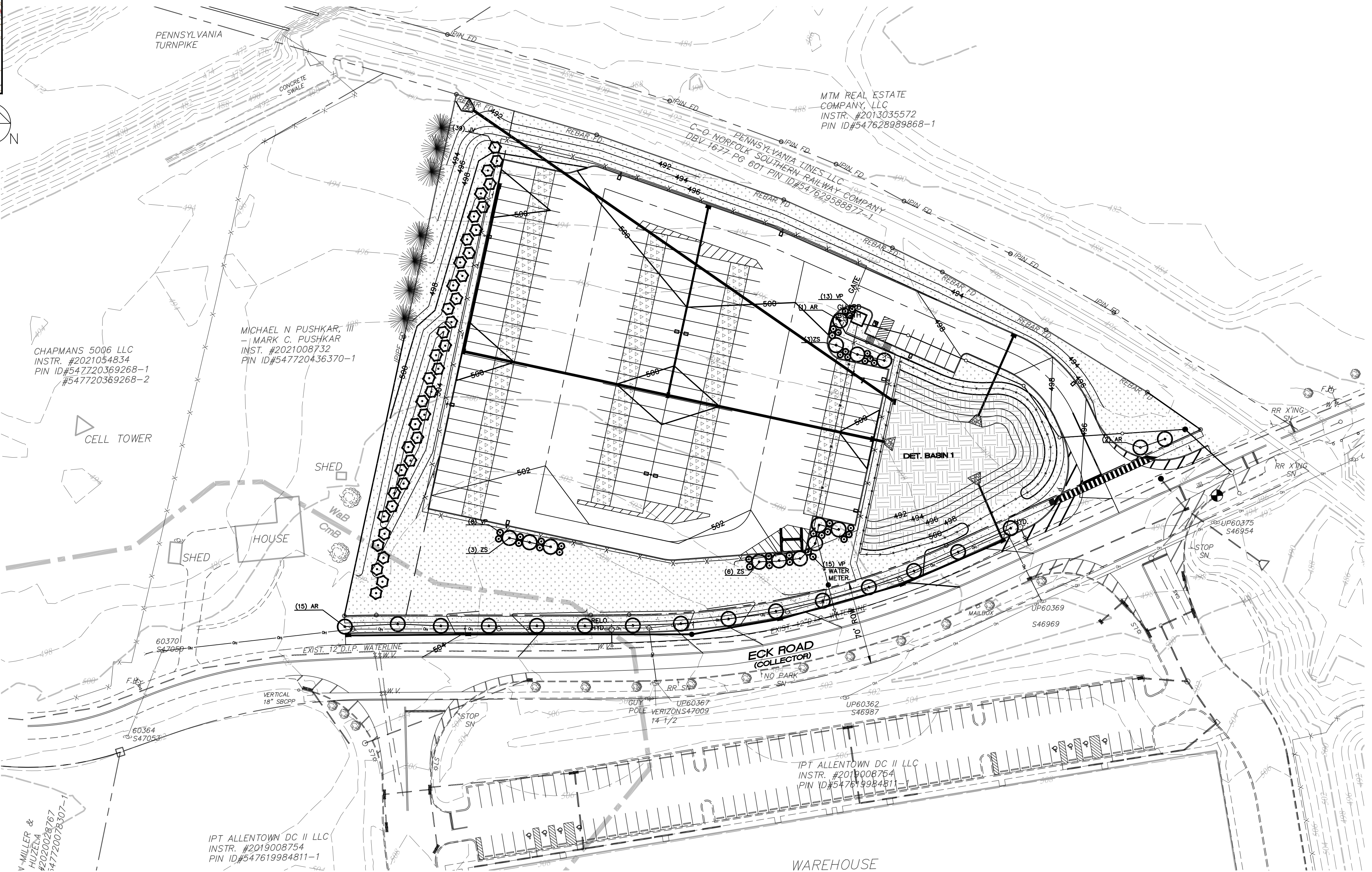
**EXISTING FEATURES**

- 2 FT. CONTOUR
- 10 FT. CONTOUR
- SPOT ELEVATION
- CONCRETE CURB
- EDGE OF PAVEMENT
- CONCRETE WALK OR PAD
- WOOD GUIDERAIL
- DIRT/GRAVEL ROAD
- STORM SEWER & INLETS
- SANITARY SEWER & MANHOLE
- WATER LINE & VALVE
- OVERHEAD ELECTRIC
- EASEMENT LINE
- PAINT LINES
- PROPERTY LINES
- ADJOINERS' PROPERTY LINES
- RIGHT-OF-WAY
- SIGN POST
- TREE LINE
- DECIDUOUS TREE
- UTILITY POLE

**PROPOSED FEATURES**

- INTERMEDIATE CONTOUR
- 2' CONTOUR
- 10' CONTOUR
- SPOT ELEVATION
- CONCRETE CURB
- EDGE OF PAVEMENT
- CONCRETE WALK OR PAD
- STORM SEWER & INLET
- SANITARY SEWER & MANHOLE
- WATER LINE & VALVE
- CURB OPENING
- END CURB WITH TAPER
- TRIP TRAP APRON
- DECIDUOUS/EVERGREEN TREE
- SHRUB
- EXISTING TREE TO BE REMOVED, AND REPLACED AT SAME LOCATION
- EXISTING TREE TO BE REMOVED AND RELOCATED

- GENERAL PLANTING NOTES:**
- THE CONTRACTOR MUST VERIFY LOCATION AND DEPTH OF ALL UNDERGROUND UTILITIES AND FACILITIES PRIOR TO BEGINNING CONSTRUCTION, AS PER ACT 187. CALL 1-800-242-1776.
  - ALL NEW PLANT MATERIAL SHALL BE WARRANTED FOR A PERIOD OF EIGHTEEN MONTHS FROM DATE OF FINAL ACCEPTANCE.
  - THE CONTRACTOR SHALL STAKE OUT THE LOCATIONS OF ALL NEW PLANT MATERIAL FOR REVIEW BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY OF PLANT MATERIAL.
  - THE CONTRACTOR SHALL NOT DEVIATE FROM THE PLANT SCHEDULE WITHOUT PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT / OWNER, AND SOUTH WHITEHALL TWP.
  - ALL NON-PAVED AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE SEEDED FOR TURF, AS DESCRIBED BELOW, UNLESS OTHERWISE NOTED ON THE PLAN.
  - TURF SEEDING SHALL OCCUR DURING THE SPECIFIED PERIODS. DURING OTHER PERIODS, SEED WITH FORMULA E, RAKE AND RESEED WITH FORMULA B DURING THE NEXT RECOMMENDED PERIOD.
  - PREPARE TURF AREAS PER THE REQUIREMENTS AND DURING THE TIME PERIODS DESCRIBED IN SECTIONS 804 (SEEDING AND SOIL SUPPLEMENTS) AND 805 (MULCHING) OF PennDOT SPECIFICATIONS PUBLICATION 408M IN THE LATEST REVISION. (SEE SPECS BELOW)
  - PLANT MATERIAL LOCATED IN THE VICINITY OF UTILITY ZONES SHALL BE REVIEWED IN THE FIELD PRIOR TO PLANT INSTALLATION.
  - ALL PLANTINGS SHALL BE LOCATED TO AVOID PLACEMENT WITHIN SWALE CENTER LINES.
  - THE CONTRACTOR SHALL SUBMIT PROOF OF PLANT MATERIAL PATENTS WHERE SPECIFIED.



### SEEDING LEGEND

- MEADOW/LOW MAINTENANCE SEED MIX
- BASIN/WATER TOLERANT SEED MIX

NOTE: SEE LANDSCAPING DETAILS SHEET FOR SEED MIX INFORMATION. STANDARD LAWN SEED MIX TO BE UTILIZED IN AREAS NOT SPECIFIED.

Date: September 28, 2023 - 9:06am \*\*Pany & Lentz Engineering Company\*\* - USER: Biron

**BENCH MARK**  
TOP OF CURVE  
ELEV. 496.82 (TOP OF NUT)  
NORTH AMERICAN VERTICAL DATUM 1988



**ENGINEER'S STATEMENT**  
I, STEPHEN A. PANY, A REGISTERED PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF PENNSYLVANIA, DO HEREBY CERTIFY THAT THE ACCOMPANYING APPLICATION, PLANS AND SUPPORTING DOCUMENTATION ARE TRUE AND CORRECT, TO THE BEST OF MY KNOWLEDGE.

Pany & Lentz Engineering Company accepts no responsibility for unauthorized use of this document. Reproduction of this drawing or any portion thereof is prohibited without the written consent of Pany & Lentz Engineering Company. Only final construction documents signed and sealed by the Engineer of Record are valid. All written dimensions shall take priority over scaled dimensions. The contractor shall be responsible for verifying all locations, elevations, dimensions and conditions prior to construction. The contractor shall notify Pany & Lentz Engineering Company of any discrepancies with the information shown on the drawings.

ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SOUTH WHITEHALL TOWNSHIP STANDARD SPECIFICATIONS.

**PA ACT 287, AS AMENDED**  
IN ACCORDANCE WITH PA ACT 287, AS AMENDED, THE SURVEYOR CONTACTED PA ONE CALL, INC., FOR A DESIGN PHASE LOCATION REQUEST. THE SERIAL NUMBER FOR THAT REQUEST IS 2022283634. THE SURVEYOR HAS MADE NO INDEPENDENT VERIFICATION OF THE INFORMATION PROVIDED OTHER THAN AS MAY BE READILY EVIDENT FROM THE SURFACE OF THE GROUND.  
THE CONTRACTOR SHALL COMPLY WITH PA ACT 287, AS AMENDED REQUIREMENTS AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK.

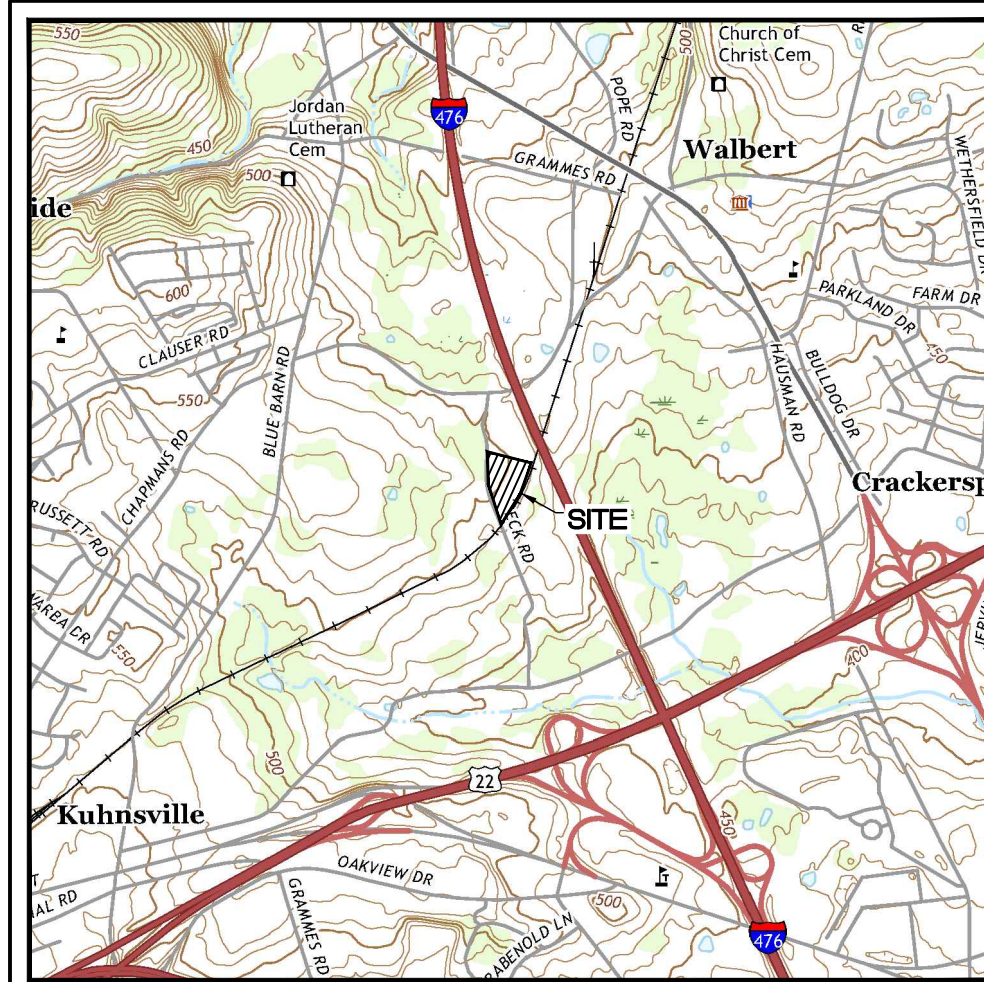
**PRELIMINARY/FINAL LANDSCAPING PLAN**

**PANY & LENTZ ENGINEERING COMPANY**  
CONSULTING ENGINEERS  
CIVIL • STRUCTURAL • MECHANICAL • LANDSCAPE  
609 Hamilton Street • Allentown, PA 18101  
Office: 610/433-1634 • Fax: 610/433-1636

DESIGNED	JAP
DRAWN	BMW
CHECKED	MFS
JOB. NO.	2022258
SCALE	1" = 50' U.N.O.
DATE	MAY 15, 2023
DWG. NO.	LD-6
SHEET NO.	6
REV.	
OF	34 SHEETS

**PETRUCCI**  
J.G. PETRUCCI CO., INC.  
171 ROUTE 173  
SUITE 201  
ASBURY, NEW JERSEY 08802

#	DATE	REVISION	BY
1	09/25/23	PER TOWNSHIP ENG. REVIEW 06/07/23	BMW



**LOCATION MAP**  
Scale 1" = 2000'

**STATISTICS**

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #2	+	2.2 fc	17.9 fc	0.1 fc	179.0:1	22.0:1

**SITE LIGHTING SCHEDULE**

Label	QTY	Catalog Number	Description	Number Lamps	Lumens per Lamp	LLF	Wattage	Mounting Height
A	5	RSX2 LED P5 40K R4 HS	RSX LED AREA LUMINAIRE SIZE 2 P5 LUMEN PACKAGE 4000K CCT TYPE R4 DISTRIBUTION WITH HS SHIELD	1	19,056	0.90	213.48	20'
B	2	RSX2 LED P5 40K R4	RSX AREA FIXTURE SIZE 2 P5 LUMEN PACKAGE 4000K CCT TYPE R4 DISTRIBUTION	1	28,993	0.90	426.96	20'
C	4	RSX2 LED P5 40K R3 HS	RSX LED AREA LUMINAIRE SIZE 2 P5 LUMEN PACKAGE 4000K CCT TYPE R3 DISTRIBUTION WITH HS SHIELD	1	20,087	0.90	213.48	20'
POLE	11	-	STEEL, 25'-0", 4"x4" SQUARE POLE, 3/4" BOLT	-	-	-	-	20' (25'+3" BASE)

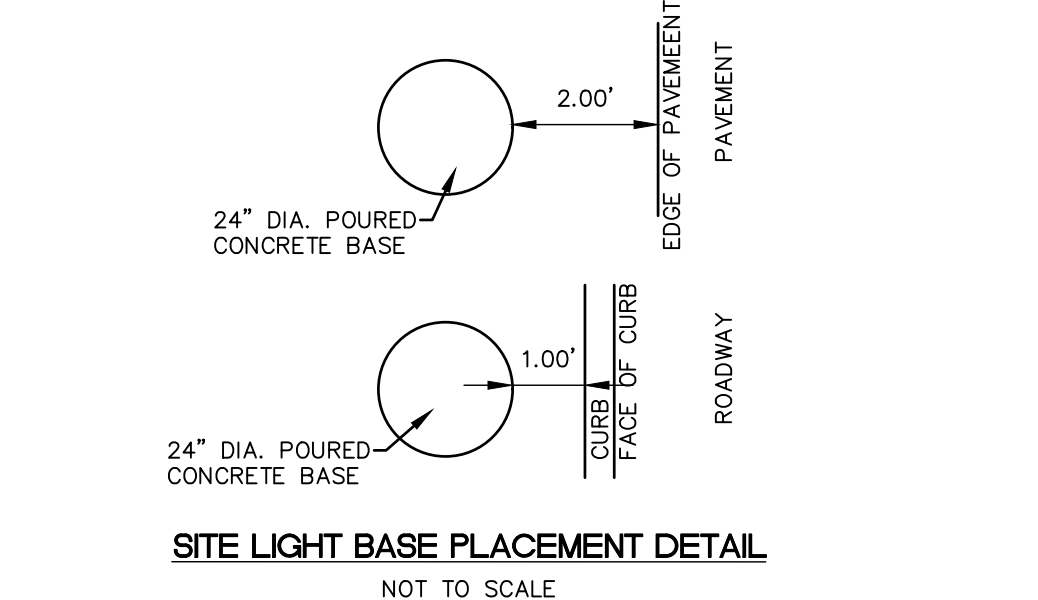
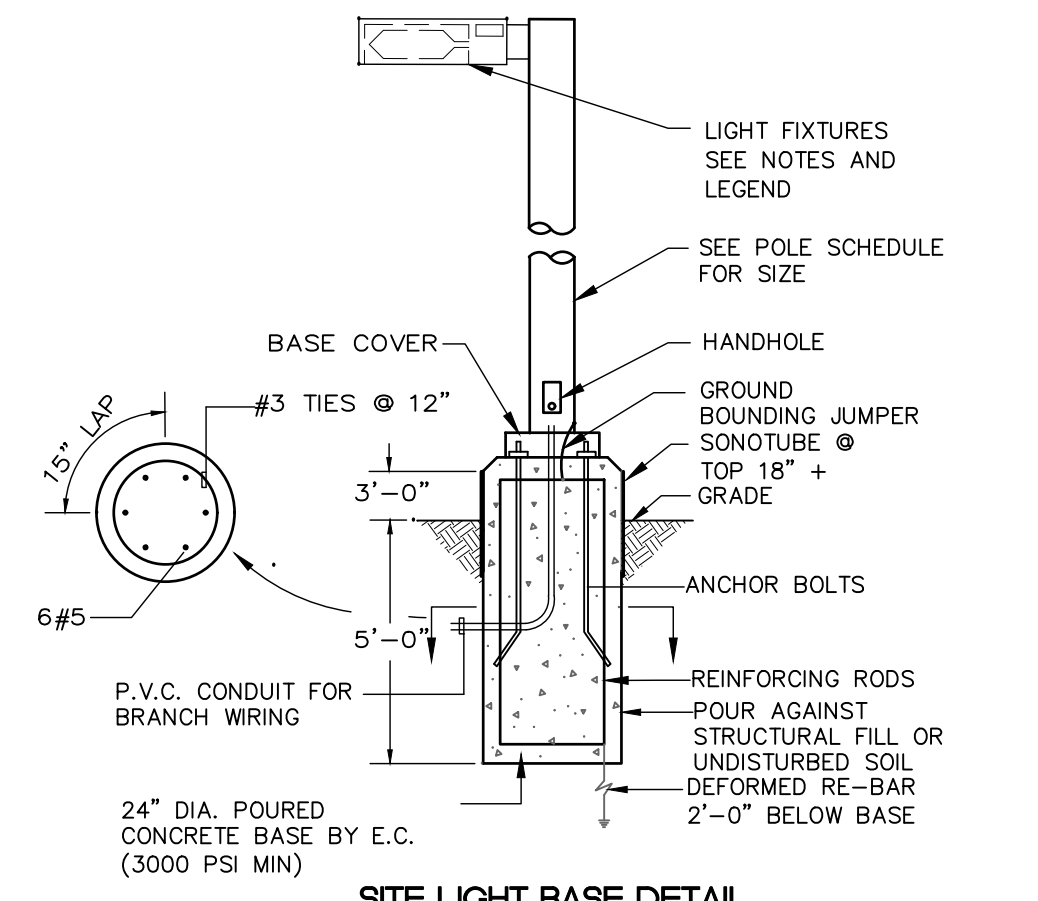
**LEGEND**

**EXISTING FEATURES**

- 2 FT. CONTOUR
- 10 FT. CONTOUR
- STORM SEWER & INLETS
- SANITARY SEWER & MANHOLE
- WATER LINE & VALVE
- CONCRETE CURB
- EDGE OF PAVEMENT
- CONCRETE WALK OR PAD
- EASEMENT LINE
- SETBACK LINE
- PAINT LINES
- PROPERTY LINES
- SIGN POST
- FENCE
- DECIDUOUS/PINE TREE
- UTILITY POLE

**PROPOSED FEATURES**

- INTERMEDIATE CONTOUR
- 2' CONTOUR
- 10' CONTOUR
- SPOT ELEVATION
- CONCRETE CURB
- EDGE OF PAVEMENT
- CONCRETE WALK OR PAD
- PROPOSED SIGN
- STORM SEWER & INLET
- SANITARY SEWER & MANHOLE
- WATER LINE & VALVE
- CURB OPENING
- END CURB WITH TAPER
- TRIP TRAP APRON
- LIGHT
- 0.5 FOOTCANDLE (PER FIXTURE)



**WAREHOUSE**  
Scale 1" = 50'

ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE SOUTH WHITEHALL TOWNSHIP STANDARD SPECIFICATIONS.

**PRELIMINARY/FINAL LIGHTING PLAN**

**PANY & LENTZ ENGINEERING COMPANY**  
CONSULTING ENGINEERS  
609 Hamilton Street • Allentown, PA 18101  
Office: 610/433-1634 • Fax: 610/433-1636

**1429 ECK ROAD OUTDOOR STORAGE**  
SOUTH WHITEHALL TOWNSHIP  
LEHIGH COUNTY, PENNSYLVANIA

J.G. PETRUCCI CO., INC.  
171 ROUTE 173 SUITE 201  
ASBURY, NEW JERSEY 08802

DESIGNED	SNP
DRAWN	BMW
CHECKED	MFS
JOB. NO.	2022258
SCALE	1" = 50' U.N.I.
DATE	MAY 15, 2023
DWG. NO.	LD-8
SHEET NO.	8
REV.	
OF	34
SHEETS	1

**PA ACT 287, AS AMENDED**  
IN ACCORDANCE WITH PA ACT 287, AS AMENDED, THE SURVEYOR CONTACTED PA ONE CALL, INC., FOR A DESIGN PHASE LOCATION REQUEST. THE SERIAL NUMBER FOR THAT REQUEST IS 2022283634. THE SURVEYOR HAS MADE NO INDEPENDENT VERIFICATION OF THE INFORMATION PROVIDED OTHER THAN AS MAY BE READILY EVIDENT FROM THE SURFACE OF THE GROUND.  
THE CONTRACTOR SHALL COMPLY WITH PA ACT 287, AS AMENDED REQUIREMENTS AND VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE START OF WORK.



**ENGINEER'S STATEMENT**  
I, STEPHEN A. PANY, A REGISTERED PROFESSIONAL ENGINEER IN THE COMMONWEALTH OF PENNSYLVANIA, DO HEREBY CERTIFY THAT THE ACCOMPANYING APPLICATION, PLANS AND SUPPORTING DOCUMENTATION ARE TRUE AND CORRECT, TO THE BEST OF MY KNOWLEDGE.  
DATE \_\_\_\_\_ PLAN PREPARER'S SIGNATURE \_\_\_\_\_

Pany & Lentz Engineering Company accepts no responsibility for unauthorized use of this document. Reproduction of this drawing or any portion thereof is prohibited without the written consent of Pany & Lentz Engineering Company. Only final construction documents signed and sealed by the Engineer of Record are valid.  
All written dimensions shall take priority over scaled dimensions. The contractor shall be responsible for verifying all locations, elevations, dimensions and conditions prior to construction. The contractor shall notify Pany & Lentz Engineering Company of any discrepancies with the information shown on the drawings.

#	DATE	REVISION	BY
1	09/25/23	PER TOWNSHIP ENG. REVIEW 06/07/23	BMW

w:\projects\1429 Eck Road Lighting\1429 Eck Road Lighting.dwg - Lighting Plan.dwg - USER: Brian  
 Date: September 28, 2023 - 9:06am  
 \*Pany & Lentz Engineering Company\*  
 G:\ACAD\Acad\DWG\2022258 1429 Eck Rd - JGP\Landscaping\Current Rev\08 - Lighting Plan.dwg - USER: Brian

MEMORANDUM

TO: Mr. Gregg R. Adams via e-mail  
Planner, Community Development Department  
South Whitehall Township

FROM: Mr. Anthony F. Tallarida, PE *AFT*  
Manager, Municipal Engineering Services

SUBJECT: South Whitehall Township  
1429 Eck Road Outdoor Storage  
Major Plan #2022-109  
Preliminary/Final Plan Review

DATE: October 11, 2023

COPIES: Mr. Thomas R. Petrucci, MPA  
Township Manager  
South Whitehall Township

Mr. David Manhardt, AICP  
Director of Community Development  
South Whitehall Township

Mr. Herb Bender  
Director of Township Operations  
South Whitehall Township

Mr. Mike Elias  
Public Works Utility and MS4 Program Coordinator  
South Whitehall Township

Ms. Tracy J.B. Fehnel  
Insurance Administrator & Executive Assistant  
South Whitehall Township

Ms. Laura M. Harrier, BCO  
Building Code Official/Zoning Officer  
South Whitehall Township

Mr. John G. Frantz, CFEI, BCO  
Fire Marshal, Building Code Official  
South Whitehall Township

Lisa A. Pereira, Esq.  
Broughal & DeVito, LLP

Mr. Christopher A. Taylor, PG  
Senior Geologist  
Hanover Engineering Associates, Inc.

Mr. Geoffrey A. Reese, P.E.  
Master Planner and Engineer  
Lehigh Valley Planning Commission

Mr. Martin F. Smith, Jr., P.E.  
Partner - Civil  
Pany & Lentz Engineering Company

Mr. Joseph Petrucci  
Triple Net Investments CI, LLC

(all via e-mail)

Mr. J. Scott Pidcock, PE, RA, Township Engineer

South Whitehall Township Ordinances:

Zoning Ordinance (ZO)

Subdivision and Land Development Ordinance (SALDO)

Stormwater Management Plan (SMP)

See attached list for documents reviewed.

Proposal:

Proposed 102-space outdoor storage area (24 vehicle parking spaces (8 proposed; 16 reserve spaces) and 78 tractor-trailer spaces) and 100 square foot (s.f.) guard booth on a 5.1± acre property;

0.8± acres of Right-of-Way to be dedicated to the Township;

Widening, curb, and sidewalk improvements along Eck Road;

One Stormwater Management Facility;

IC-1 (Industrial-Commercial-Special Height Limitation) Zoning District;

TND – Industrial Retrofit and Infill Overlay District;

Proposed Public Water and Public Sewer by South Whitehall Township Authority; and

Outdoor Storage is permitted as a Special Exception Use in IC-1.

Waivers/Deferrals/Variations:

None to date (see Waiver Comment below).

See ZHB-2022-09 Decision for variance information/Special Exception Approval.

Recommendation:

Engineering approval not recommended at this time.

jfw/laf

Enclosures

South Whitehall Township  
1429 Eck Road Outdoor Storage  
Major Plan #2022-109  
Preliminary/Final Plan Review

October 11, 2023

## **REVIEW COMMENTS**

### **A. Planning**

1. As stated in a Waiver Request Letter provided by the Design Engineer, dated September 28, 2023, the following waivers are requested:
  - a. SALDO §304-27(a) – Waiver to allow excavation and opening of a paved surface less than five years old. The Applicant is proposing road widening and utility connections along Eck Road, which is less than five years old. We have no engineering objection to this request;
  - b. SALDO §312-12(b)(15) – Waiver from the requirement of showing existing and proposed contours within 400 feet of the site. The Applicant currently shows contours 200 feet beyond the property line. We have no engineering objection to this request;
  - c. SALDO §312-12(b)(21) – Waiver from the requirement of showing existing sidewalks, trails, driveways, streets, extensions, and right-of-way, etc., within 400 feet of the site. The Applicant currently shows existing features 200 feet beyond the property line. We have no engineering objection to this request;
  - d. SALDO §312-35(b)(8)(B) – Waiver from the requirement to grade beyond the right-of-way line to provide a continuous slope. We have no engineering objection to this request;
  - e. SALDO §312-36(c)(5)(A) – Waiver from the requirement that the maximum 40-foot driveway width requirement to allow a driveway width at the right-of-way to be larger than 40 feet (70± feet proposed). We have no engineering objection to this request. Also, we recommend consideration of any comments from the Department of Public Works; and
  - f. SALDO §312-39(d)(2)(A) – Waiver from the requirement of basins having a maximum side slope of 4 to 1. The Applicant is proposing a side slope of 3 to 1 to maximize storage of the basin. We note the requested waiver section should be §312-39(d)(3)(B), and the waiver request letter and Plans should be updated to reflect the correct ordinance.

All waivers in the waiver request letter should be listed on the Plans.

In the event a waiver or deferral is ultimately granted upon submission of Land Development Plans, update the Waiver Note to reflect the dates of approval, and the Board which took the action; and

2. Confirm with the utility companies that the location of the proposed street trees is acceptable given the proximity to the existing overhead wires.

**B. General**

1. Right-of-way dedication and pavement widening should be proposed on the Pushkar property as it appears this project includes the transfer of land between the two properties;
2. We note the following survey related comments:
  - a. Owners' Statements should be provided for land to be conveyed to Pushkar. Additionally, if land is to be subdivided and conveyed to Pushkar, frontage improvements along both properties would be required; and
  - b. Check/revise the property information for the Miller/Huzela property, SALDO §312-12(b)(8)(H) and §312-12(b)(17).
3. The Township's Accessibility Code Official may have additional review comments during building permitting. We recommend contacting the Code Official to confirm the above comments and any other applicable accessibility requirements; and
4. Revise the parking tabulation to match the Plans. We note there are 79 proposed trailer spaces on the Plans, but the sign tabulation proposes 78 trailer spaces.

**C. Stormwater Management**

1. Provide documentation that the proposed tie-in grading to the existing depression will not affect the adjacent property along the eastern property line. It appears that the pre-development runoff will be reduced in this area, however, the footprint of the depression has significantly decreased. Additionally, consider further grading provisions in this area to ensure positive drainage and the elimination of ponding, SMP §296-14.H;
2. Provide water quality volume calculations in accordance with SMP §296-12.B;
3. Revise the proposed grading along the northern property line to incorporate a further defined swale to convey runoff within the site. We note that the proposed grading would appear to concentrate runoff to be conveyed across the Pushkar property which would alter the flow characteristics from the site, SALDO §312-39(a)(3);
4. Revise the weighted CN-values for the Pre- and Post-Development Drainage Area calculations. It appears that the CN value for Meadow and Lawn – Groups B and C is incorrect;
5. Provide a basin access ramp for maintenance within Basin 1, SALDO §312-39(d)(8);
6. Revise the calculations for Inlets D-6 and D-7 to be consistent with the proposed roadway grading (e.g., on grade, bypass conditions, etc.). Consider additional provisions at these inlets to ensure all runoff is captured within the tributary area to Basin 1, SALDO §312-39(b)(10);

7. Revise the storm sewer calculations for OCS-1 to ES A-1 to be consistent with the flow rate calculated from the Basin 1 discharge and verify the tributary area and c-value inputs for Inlets B-2 and D-7;
8. Revise the storm sewer pipe run from OCS-1 to ES A-1 to not exceed 400 feet in length, SALDO §312-39(b)(7);
9. Revise the Township Stormwater Management Ordinance reference in Note 9 of the General Development Notes on Sheet 2;
10. Clearly identify the intended ownership of and maintenance responsibilities for stormwater management facilities. The maintenance responsibilities for drainage facilities should be discussed between the Township and Developer, and note the specific limits of public/private ownership on a plan to be recorded, SMP §296-26; and
11. A BMP Operations and Maintenance Plan, describing the proposed procedures, identifying the person responsible, and noting any applicable easements, should be provided, SMP §296-28 and §296-30. Additionally, an Operations and Maintenance Agreement should be executed for the proposed stormwater BMPs, SMP §296-32.

**D. Traffic**

1. Provide required and available sight distances for the proposed driveway (based on PennDOT Stopping Sight Distance criteria), SALDO §312-35(a)(6)(F) and §312-12(b)(24);
2. Provide No Parking Signing along Eck Road to the north to maintain the clear sight triangles;
3. Identify all pavement marking colors, widths, and materials;
4. Provide an “End of Road” sign at the end of the roadway widening to the north of the property. Additionally, pavement markings should be provided in this area as a shoulder taper based on the speed limit of the roadway; and
5. Due to the sidewalks terminating at both ends of the property, and no future plans to provide connections to that side of Eck Road, consideration should be given to providing a crosswalk across Eck Road for access to existing sidewalk. Additionally, provide “Sidewalk Closed” signs at any points along the sidewalks with no off-site connections.

**E. Policy and Information**

1. The Applicant should discuss with the Township whether open space, or fees in lieu thereof, will be required, and an appropriate note should be placed on the Plan to be recorded, SALDO §312-36(d). Open Space calculations and an Open Space Plan encompassing the entire development should be provided;
2. Copies of all correspondence, including all data submitted to outside agencies regarding required permits and approvals, should be provided to the Township and our office;



3. Any concerns of the Shade Tree Commission related to proposed street tree and landscape plantings should be addressed, SALDO §312-12(b)(28) and §312-12(b)(36);
4. We defer to the Township Electrical Consultant to review the proposed site lighting. The Design Engineer should confirm that the proposed light standard foundations will be adequate to support the proposed light standards;
5. Matters pertaining to the design of water distribution and sanitary sewerage systems should be directed to the Department of Public Works. We have not reviewed these designs; and
6. Upon submission of plans for recording, all Statements and Certifications shall be signed and sealed/notarized as applicable, SALDO §312-14(b)(2). The Township Solicitor should determine the acceptability of the Engineer's Statement, SALDO §312-12(b)(5)

The comments noted above are the result of our engineering review. We have not reviewed items associated with legal, zoning, geotechnical, lighting, water/sanitary sewerage systems, environmental, frontage streetscape improvements, building code, public safety, and other non-engineering issues, which should be reviewed by the appropriate Township Staff and Consultants.

South Whitehall Township  
1429 Eck Road Outdoor Storage  
Major Plan #2022-109  
Preliminary/Final Plan Review

List of Plans and Supplemental Information  
Prepared by Pany & Lentz Engineering Company and  
dated or last revised September 25, 2023, except as noted

1. Cover Sheet, Sheet 1 of 34;
2. Record Plan, Sheet 2 of 34;
3. Lot Line Adjustment Plan, Sheet 3 of 34;
4. Existing Features Plan, Sheet 4 of 34 (cursory review only);
5. Grading + Utility Plan, Sheet 5 of 34;
6. Landscape Plan, Sheets 6 of 34 (cursory review only);
7. Landscaping Details, Sheet 7 of 34 (cursory review only);
8. Lighting Plan, Sheet 8 of 34 (cursory review only);
9. Storm Sewer Profiles, Sheet 9 of 34;
10. Storm Sewer Details, Sheets 10 and 11 of 34;
11. Sanitary Sewer Profiles, Sheet 12 of 34 (not reviewed);
12. Sanitary Sewer Details, Sheet 13 of 34 (not reviewed);
13. Waterline Profiles and Details, Sheet 14 of 34 (not reviewed);
14. Road Profile & Details, Sheet 15 of 34;
15. Miscellaneous Details, Sheets 16 and 17 of 34;
16. Stormwater Management – Pre-Development Plan, Sheet 18 of 34;
17. Stormwater Management – Post-Development Plan, Sheet 19 of 34;
18. Storm Sewer Drainage Areas Plan, Sheet 20 of 34;
19. Truck Turning Maneuvers WB-67, Sheet 21 of 34;
20. Truck Turning Maneuvers Emergency Vehicle, Sheet 22 of 34;
21. Erosion + Sediment Pollution Control (ESPC) Plan Stage 1, Sheet 23 of 34 (cursory review only);
22. ESPC Plan Stage 2 + 3, Sheet 24 of 34 (cursory review only);
23. ESPC Plan Notes, Sheet 25 of 34 (cursory review);
24. ESPC Plan Details, Sheets 26 through 28 of 34 (cursory review);

25. Post-Construction Stormwater Management (PCSM) Pre-Development Plan, Sheet 29 of 34;
26. PCSM Post-Development Plan, Sheet 30 of 34;
27. PCSM Drainage Areas Plan, Sheet 31 of 34;
28. PCSM Notes, Sheet 32 of 34;
29. PCSM Details, Sheets 33 and 34 of 34;
30. Stormwater Conveyance Narrative Report & Calculations;
31. Stormwater Management Narrative Report & Calculations;
32. PCSM System Plans, Sheets 1 through 5 of 5, dated July 12, 2023; and
33. Waiver request letter, dated September 28, 2023.

In addition, we have received the following information in support of the Application:

1. PA DEP Sewage Planning Request Letter, dated July 27, 2023;
2. PA DEP Planning Module Response Letter, dated September 12, 2023;
3. Response Letter to Township Utility Engineer, dated September 28, 2023;
4. Response Letter to Township, dated September 28, 2023;
5. Response Letter to Township Geotech Engineer, dated September 28, 2023;
6. Response Letter to Township Engineer, dated September 28, 2023;
7. Preliminary Subsurface Soils Investigation, prepared by CTL, Inc. and dated September 5, 2022; and
8. SALDO Application dated September 28, 2023.



October 9, 2023

Mr. Gregg Adams, Planner  
South Whitehall Township  
4444 Walbert Avenue  
Allentown PA 18104

Re: Eck Road Outdoor Storage  
Land Development #2022-109  
Review of Preliminary Final Plan  
SSM File 103400.0084

Dear Mr. Adams:

This correspondence is provided as a review of the Preliminary/Final submitted for the above referenced project on September 25, 2023. We have the following comments regarding the water and sanitary sewer utilities:

Water Comments:

1. **Water Line Profiles and Details Drawing Number LD-13 Sheet Number 13 of 32** – Add SWT Standard Construction Detail SWT-W-6. This was not updated since last review.
2. **Water Line Profiles and Details Drawing Number LD-13 Sheet Number 13 of 32** – Copper water service line shall be 1” not ¾”. SWT Standard Construction Detail SWT-W-6. This was not updated since last review.
3. **Water Line Profiles and Details Drawing Number LD-13 Sheet Number 13 of 32** - Add SWT Standard Construction Detail SWT-W-5. This was not updated since last review.

Sanitary Sewer Comments:

4. **Sanitary Sewer Profiles Drawing Number LD-11 Sheet Number 11 of 32** – Sanitary sewer lateral connection to South Whitehall Township manhole Station 0+00 must show an outside drop connection points to manhole with elevations. SWT Standard Construction Detail SWT-S-3. This was not updated since last review.
5. **Sanitary Sewer Details Drawing Number LD-12 Sheet Number 12 of 32** – Add SWT Standard Construction Detail SWT-S-3. This was not updated since last review.

Please contact us should you have any questions, or require any additional information regarding our comments.

Sincerely,  
Spotts, Stevens and McCoy

A handwritten signature in blue ink that reads "Jason M. Newhard".

Jason M. Newhard, CCM, LO  
Manager, Construction Management Services  
Environmental Engineering  
[jason.newhard@ssmgroup.com](mailto:jason.newhard@ssmgroup.com)

cc: SWT, PW



June 2, 2023

Martin F. Smith, Jr. P.E.  
 Pany & Lentz Engineering Co.  
 609 Hamilton St.  
 Allentown PA 18101

Re: Eck Road Outdoor Storage  
 Land Development #2022-109  
 Water Service Request  
 SSM File 103400.0083

Dear Mr. Smith:

We are in receipt of your request to South Whitehall Township for the water and sanitary sewer willingness to serve letter for the proposed outdoor truck trailer storage located at 1429 Eck Rd. A copy is attached to this letter for reference. The proposed facility is projected to use 10 gallons per day of water. At this time the water and sanitary sewer systems owned by South Whitehall Township have adequate capacities and will serve the proposed development with water and sanitary sewer. Please be advised, the Township reserves the right to analyze and assess any required increases in allocations based upon actual water usage.

We are providing allocation and tapping fee amounts per S. Whitehall regulations as follows:  
 Proposed Avg. water usage on 1 employee at 10 GPD, which is a minimum of 1 EDU water and sanitary sewer.

Basis of EDU for allocation and tapping calculations in accordance with BOA 2013-11:

Water EDU = 154.7 gal/day = 1.0 EDU  
 Sewer EDU = 214.2 gal/day = 1.0 EDU

The capacity allocation (reservation) fees are:

Water Allocation = 154.7 gallons x \$3.58/gal = \$553.83  
 Sewer Allocation = 214.2 gallons x \$3.58/gal = \$766.84

Per Resolution No. 2016-05-BOA sewer and water tapping fees:

Water Tapping Fee = 1.0 EDU x \$1,885.00= \$1,885.00  
 Sewer Tapping Fee = 1.0 EDU x \$4,125.00= \$4,125.00  
 Total Allocation and Tapping Fee = \$7,330.67

Please contact our office should you have any questions or comments.

June 2, 2023  
Mr. Martin Smith, Jr., P.E.  
Pany & Lentz Engineering Co.  
Page 2 of 2



Sincerely,  
Spotts, Stevens and McCoy

A handwritten signature in blue ink that reads "Jason M. Newhard".

Jason M. Newhard, CCM, LO  
Manager, Construction Management Services  
Environmental Engineering  
[jason.newhard@ssmgroup.com](mailto:jason.newhard@ssmgroup.com)

cc: SWT, PW



# HanoverEngineering

252 Brodhead Road • Suite 100 • Bethlehem, PA 18017-8944  
 Phone: 610.691.5644 • Fax: 610.691.6968 • HanoverEng.com

October 6, 2023

Mr. Gregg Adams, Planner  
 South Whitehall Township  
 4444 Walbert Avenue  
 Allentown, PA 18104-1699

RE: Geotechnical Engineering Review of  
 Provided Documents  
 1429 Eck Road Outdoor Storage  
 Major Plan 2022-109  
 South Whitehall Township, Lehigh County,  
 Pennsylvania  
 Hanover Project SWT22-11(015)

Dear Mr. Adams:

Hanover Engineering (Hanover) has reviewed the information received on September 29, 2023 via electronic link. Reviewed documents pertaining to the geotechnical aspects of the proposed project at the above-referenced site consisted of the following:

1. Response letter prepared by Pany & Lentz Engineering Company (P & L), dated September 28, 2023.
2. Waiver request letter prepared by P & L, dated September 28, 2023.
3. Report referenced as "1429 Eck Road Outdoor Storage Lot, Additional Testing for Spray Field, Supplement to Geotech report PE-1, dated 08/08/22" prepared by Certified Testing Laboratories, Inc., dated September 5, 2023.
4. Report entitled "Stormwater Management Narrative Report & Calculations" prepared by P & L, dated May 18, 2023, revised September 25, 2023.
5. Engineering plan set entitled "Preliminary/Final Land Development Plans for 1429 Eck Road Outdoor Storage", Sheets 1 of 34 through 34 of 34 inclusive, prepared by P & L, dated May 15, 2023, revised September 25, 2023.

Based on our review, it is our understanding that the subject property consists of a vacant, single tax parcel approximately 5.11 acres in size. The applicant proposes to construct a seventy-eight (78)-space outdoor storage area for trailer storage along with a guard booth, eight (8) car parking spaces, stormwater management facilities, and utility extensions. An area would be reserved for future sixteen (16) car parking spaces. The proposal includes approximately 113,000 square feet of new impervious area on site and an additional 11,000 square feet of impervious area associated with the proposed widening of Eck Road and sidewalk along Eck Road. The site will be served by public water and public sewer. This is a second submission of documents to this office for review. We offer the following review of comments issued in our letter of June 6, 2023 (repeated below in italics), and any new comments generated by this submission:

A. *Chapter 296, Stormwater Management, of the South Whitehall Township Code:*

1. *Chapter 296-11.J: Normally dry, open top, storage facilities should completely drain both the volume control and rate control capacities over a period of time not less than twenty four (24) hours and not more than seventy-two (72) hours from the end of the design storm. Demonstrate compliance with this requirement.*

This comment has not been addressed. The consultant states to see the Stormwater Management Report. However, this information is not readily found in that document.

2. *Chapter 296-11.T: Within areas containing soils identified by the Soils Conservation Service to be sinkhole prone, detention basins shall be lined with a material which, after installation, attains a permeability rate of less than or equal to  $1 \times 10^{-7}$  cm/sec. On the Basin Section Detail, the applicant has proposed an "impervious liner". Provide specifications for the liner material, thickness, etc. which include the permeability requirement in this section.*

This comment has been adequately addressed.

3. *Chapter 296-11.Y: Infiltration for stormwater management is encouraged where soils and geology permit, consistent with the provisions of this chapter and, where applicable, the Recommendation Chart for Infiltration Stormwater Management BMPs in Carbonate Bedrock in Appendix D. Infiltration is encouraged for capturing and treating the Water Quality Volume, any part of the Water Quality Volume, or for otherwise meeting the purposes of this chapter. The applicant shall demonstrate that this proposal is consistent with the Recommendation Chart.*

This comment has not been addressed. The consultant states to see the Stormwater Management Report. However, this information is not readily found in that document.

4. *Chapter 296-15.K: For infiltration areas that appear feasible based on the preliminary site investigation, the applicant shall conduct the additional site investigation and testing as outlined in Appendix G. The report states that infiltration tests will be conducted in fill placed during construction. This office shall be notified of the testing schedule to allow for observation of the testing.*

This comment has been adequately addressed. The applicant has had testing conducted on the existing site and has provided a report of the results.

## B. Land Development Plans

1. *Section 312.12(b)(18) of the Subdivision and Land Development Ordinance: Provide and label the location of all significant features listed, or provide a note stating which features do not exist on the site.*

This comment has been adequately addressed.

2. Section 312.39(D)(2) of the Subdivision and Land Development Ordinance:

- a. *Requires a minimum two percent (2%) slope across the basin floor. The proposed slope is zero percent (0%). The applicant shall provide a design which complies with this requirement or formally request a waiver.*

This comment has not been addressed. The consultant states that a formal waiver request has been initiated and to see the Waiver Note on the plans. This item does not appear in the Waiver Note and should be added. This item does not appear in the waiver request letter and should be added.



- b. *Requires a maximum four-foot (4') horizontal to one foot (1') vertical basin slope side wall. The proposed side wall slope is three to one (3:1). The applicant shall provide a design which complies with this requirement or formally request a waiver.*

This comment has not been addressed. The consultant states that a formal waiver request has been initiated and to see the Waiver Note on the plans. This item does not appear in the Waiver Note and should be added. This item does appear in the waiver letter. We have no objection to the granting of this waiver.

3. *Clearly depict and label the areas proposed for spray irrigation on the plans.*

This comment has not been addressed. The consultant states that the plans have been revised. However, this information is not readily found on the Land Development Plans. It is noted that this information is depicted on the spray irrigation plans, but it must be shown on the Land Development Plans.

4. *On Sheet 26, a note refers to a "spray irrigation plan set". This document is not found in this submission and shall be provided.*

This comment has been adequately addressed.

5. *Provide specifications for the preparation of the basin subgrade (compacted, free of large coarse fragments and debris, etc.).*

This comment has not been addressed. The consultant states that the plans have been revised. However, this information is not readily found for the basin.

6. *On Sheet 23, Standard E & SC Plan Note 34 should stipulate notification to South Whitehall Township also in the event of sinkhole discovery.*

This comment has been adequately addressed.

7. *The CTL Report, in Section 10.0, lists preventative measures against sinkholes. These should be added to the plan notes.*

This comment has been adequately addressed.

8. *The CTL Report, in Section 11.0, lists general procedures for sinkhole repair. These should be added to the plan notes, or the project geotechnical consultant should review and approve the existing notes and details on the plans.*

This comment has been adequately addressed.

#### New Comments (October 6, 2023)

#### C. Aqua Mist Plans

1. The charts on Sheet I-02 include a maximum rate of irrigation for Zone 1 and Zone 2. Clarify how these rates were calculated, based on the permeability test results obtained.

Mr. Gregg Adams  
Planner

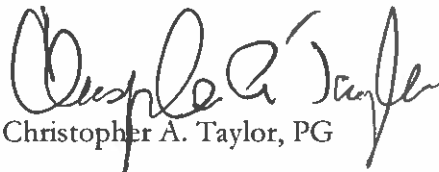
4

October 6, 2023

We trust that this is the information that you require. Should you have any questions or concerns regarding this information, please do not hesitate to contact our office.

Respectfully,

HANOVER ENGINEERING

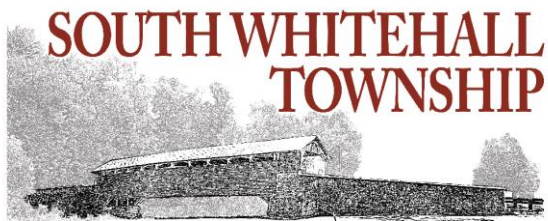


Christopher A. Taylor, PG

cat:cat/sas

S:\Projects\Municipal\SWitchellTownship\Swt22-11(015)-1429EckRoadOutdoorStorageMajorPlan2022-109\Docs\2023-10-06-SWT Geotech, 1429 Eck Road Outdoor Storage Major Plan geotech emr ltr 2.doc

cc: Mr. Dave Manhardt, Director of Community Development (via email)  
Mr. Herb Bender, Public Works Director (via email)  
Mr. Anthony F. Tallarida, PE, The Pidcock Company (via email)  
Mr. Mark Gnall, PE, The Pidcock Company (via email)  
Mr. Joseph Petrucci, Triple Net Investments CI, LLC  
Mr. Stephen A. Pany, PE, Pany & Lentz Engineering Company



## INTEROFFICE MEMORANDUM

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**TO: DAVE MANHARDT, DIRECTOR OF COMMUNITY DEVELOPMENT**

**FROM: HERB BENDER, PUBLIC WORKS MANAGER**

**DATE: OCTOBER 12, 2023**

**SUBJECT 1429 ECK RD OUTDOOR STORAGE  
MAJOR PLAN 2022-109**

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The Public Works Dept. reviewed the above project and has the following comments:

1. Eck Rd was recently paved. Please move water service cut to limit paving disturbance.
2. All Storm to remain private.

# SOUTH WHITEHALL TOWNSHIP

90

4444 Walbert Avenue, Allentown, PA 18104-1699  
www.southwhitehall.com • (610) 398-0401

October 12, 2023

Triple Net Investments, CI, LLC  
Attn: Joseph Petrucci  
171 Route 173 Suite 201  
Asbury, NJ 08802

**Re: 1429 Eck Road Outdoor Storage  
Major Plan 2022-109  
Request for Preliminary/Final Plan Review**

Dear Mr. Petrucci:

The purpose of this letter is to report zoning and non-engineering related comments that are to be addressed. My comments follow:

## **Zoning**

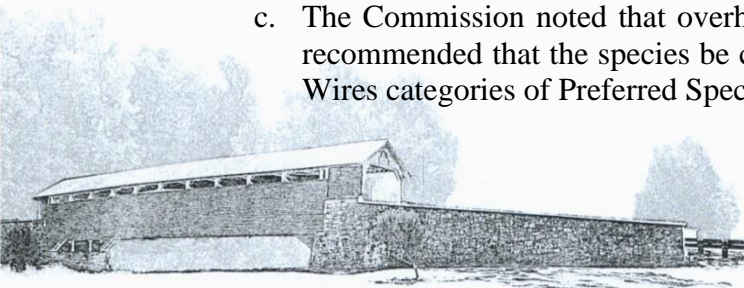
1. The comments of the Zoning Officer will appear under a separate memorandum.

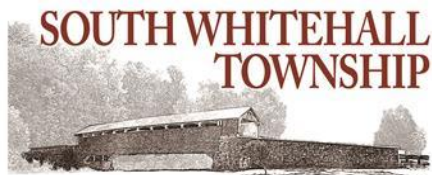
## **Fire Marshal and Public Safety Commission**

1. The Fire Marshal reported no comments to the plan.
2. The Public Safety reviewed the plan at its June 5, 2023 meeting and reported no comments.

## **Landscape and Shade Tree Commission**

1. At their May 22, 2023 meeting, the Landscape and Shade Tree Commission noted the following comments:
  - a. Seventeen Red Maples are proposed as Street Trees. The Selecting Shade Trees Guide states that, if between 11 and 20 trees are proposed, the trees proposed are to be from at least two Families of tree species.
  - b. The Shade Tree Commission recommended that species resistant to Verticillium Wilt be used.
  - c. The Commission noted that overhead wires are near the proposed tree locations. It recommended that the species be chosen from the In Tight Areas or Under Overhead Wires categories of Preferred Species.





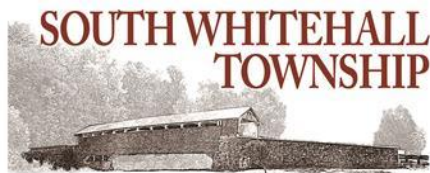
- d. The Commission also noted that the two southernmost street trees are proposed outside of the right-of-way of Eck Road. The Commission recommended that the trees either be moved to within the right-of-way of Eck Road or be placed within a Shade Tree Easement.
2. The plan is scheduled to be reviewed by the Landscape and Shade Tree Commission at their October 23, 2023 meeting.

### **Open Space and Recreation**

1. The Parks and Recreation Board recommended that the developer pay fees in lieu of common open space land dedication to meet the open space and recreation requirements of Section 312-36(d)(4) of the Subdivision and Land Development Ordinance. The amount of fees to be paid in lieu of common open space land dedication in non-residential subdivision or land development shall be Twenty-Five Cents (\$0.25) per square foot of additional proposed impervious coverage (post-development impervious surface minus pre-development impervious surface). According to the Zoning Data Block on sheet LD-2, the plan proposes an additional 112,811 square feet of impervious surface, resulting in a fee of \$28,202.75.

### **Water & Sewer**

1. Should connection to the public water and sewer system be proposed, the applicant is to request allocations for water and sewer from the South Whitehall Township Board of Commissioners. Please be aware that the Board of Commissioners now charges both allocation fees and tapping (connection) fees. The applicant must address all water and sewer service issues, and obtain all approvals deemed necessary by the South Whitehall Township Board of Commissioners. You are advised to contact the Township Public Works Manager Herb Bender as soon as practicable, to learn of, or confirm any or all of:
  - a. The amount of any water and/or sewer allocation fees. The application is available on the Township website. The fee for the allocation(s) will be due prior to plan recording;
  - b. The amount of any water and/or sewer connection fees. The fees are due at or before the building permit is to be issued. Application is also available on the Township website;



### **Legal and Other**

1. The Township Solicitor and Township Engineer may want to comment upon the legal requirements of the MS4 program with regard to any private stormwater management facilities.
2. Please consider the following in placement locations for street trees:
  - a. Placement over inlets should be avoided;
  - b. Provide ample clearance from street lights and hydrants.
3. Signature Blocks and Certifications to appear on each plan sheet to be recorded.

### **Waiver and Deferral Request Commentary**

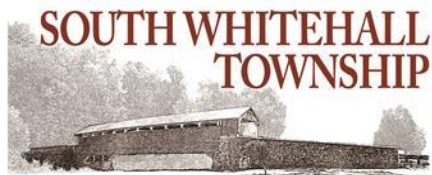
1. Waiver of Streets and Sidewalks Section 304-27(A) requiring that newly paved street surfaces not be excavated or opened within five years. Staff defers to the Public Works Department.
2. Waiver of SALDO Section 312-12(b)(15) requiring the showing of existing and proposed contours within 400 feet of the tract. Staff defers to the Township Engineer.
3. Waiver of SALDO Section 312-12(b)(21) requiring the showing of existing rights of way within 400 feet of the tract. Staff defers to the township Engineer.
4. Waiver of SALDO Section 312-35(b)(8)(B) requiring grading beyond the right of way to provide continuous slope. Staff defers to the Township Engineer.
5. Waiver of SALDO Section 312-36(c)(5)(A) requiring a driveway width of not more than 40 feet. Staff defers to the Township Engineer.
6. Waiver of SALDO Section 312-39(d)(2)(A) requiring basin side slopes to be less than 4:1 slope. Staff defers to the Township Engineer.

### **Official Map & Comprehensive Plan**

1. The Official Map depicts the subject parcel as fronted by a Collector Road (Eck Road) and a rail line and underlain by karst geology.

The Comprehensive Plan envisions the tract within an Industrial Land Use Type. The goal of Industrial is to:

- Require buffers to be proportionate to the degree of impact and intensity of development.
- Consider transit and multimodal connection to support industrial employees.



- Coordinate development along transportation routes that can appropriately accommodate traffic impacts and require necessary transportation improvements.

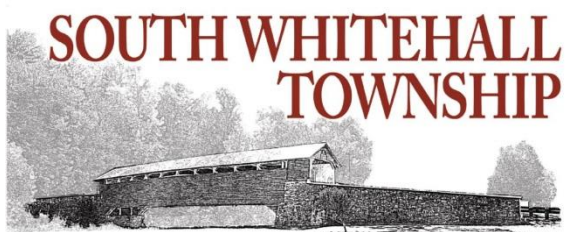
Your plan is scheduled to be reviewed by the Planning Commission on Thursday, October 19, 2023 at 7:30 p.m. in the South Whitehall Township Municipal Building located at 4444 Walbert Avenue. The meeting will be also be livestreamed via GoToMeeting. To access the meeting though your computer, go to <https://global.gotomeeting.com/join/757430189>. To access the meeting through your phone, dial 1-224-501-3412 and, when prompted, enter 757 430 189 to join the meeting.

Sincerely,

A handwritten signature in black ink, appearing to read "Gregg R. Adams".

**Gregg R. Adams, Planner**  
**Community Development Department**

cc:	T. Petrucci	H. Bender	D. Manhardt	L. Harrier
	M. Elias	J. Frantz	L. Pereira, Esq.	S. Pidcock
	A. Tallarida	M. Smith, P&L	File 2022-109	



## MEMORANDUM

**TO:** Planning Commission  
**FROM:** Laura Harrier, Zoning Officer  
**DATE:** October 16, 2023  
**SUBJECT:** Subdivision Plan Review  
 Eck Road Outdoor Storage  
 Major Subdivision 2022-109  
 Plan Dated September 25, 2023  
**COPIES:** D. Manhardt, G. Adams, J. Alderfer, Esq., A. Tallarida, J. Frantz, Applicant

The Applicant proposes the storage of tractors and trailers as a Primary Use on a 5.11-acre parcel. Outdoor Storage is a permitted use by Special Exception in the IC-1 zoning district, providing additional regulations can be met. Zoning Hearing Board (ZHB) granted approval on January 12, 2023. A Special Exception Use was granted conditioned on 15 Conditions of Approval. A Variance was granted to place required parking spaces in reserve.

1. The dumpster location has been replaced by the snow removal device and is listed to be replaced by a trashcan. The trashcan shall be in an enclosed area to prevent trash from leaving the property and it shall be accessible to pedestrians on-site. Show and label where the trashcan is proposed.
2. Show and label on the plan the solid fence to be installed near the residential dwelling as stated in Condition "e" of the ZHB approval. Extend the berm and fence to the Eck Rd property line. The fence should be placed on top of the berm to provide maximum screening for the residential use. Show and label on the landscaping plan the type and height of the required fence. Ensure the buffer plantings are located to the North of the fence.
3. Chainlink and split-rail fencing are proposed on the plan. Show and label all fencing (type and height) on the plan.
4. Show and label on the plan the placement of the berm near the residential dwelling as stated in Condition "g" of the ZHB approval. Extend berm to the Eck Rd property line.

Laura Harrier  
 Zoning Officer, Community Development



**Gregg R. Adams**

---

**From:** John G. Frantz  
**Sent:** Tuesday, June 6, 2023 9:42 AM  
**To:** Gregg R. Adams  
**Subject:** 1429 Eck Road Outdoor Storage 2022-109

Gregg,

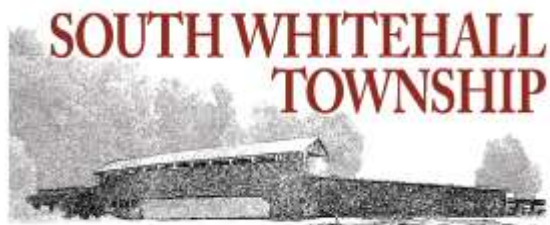
The PSC made no recommendations to the plan.

**John G. Frantz, CFEI, BCO**

Fire Marshal, Building Code Official  
South Whitehall Township  
4444 Walbert Avenue  
Allentown PA 18104-1699  
610-398-0401 (office)  
610-398-1068 (fax)  
[www.southwhitehall.com](http://www.southwhitehall.com)



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## MEMORANDUM

**TO:** Planning Commission  
**FROM:** Gregg R. Adams, Planner  
**DATE:** May 26, 2023  
**SUBJECT:** Subdivision Plan Review  
 1429 Eck Road Outdoor Storage  
 Major Plan 2022-109  
 Plan dated May 15, 2023

**COPIES:** Landscape and Shade Tree Commission, D. Manhardt, A. Tallarida,  
 J. Alderfer, Esq., S. Pidcock, Applicant

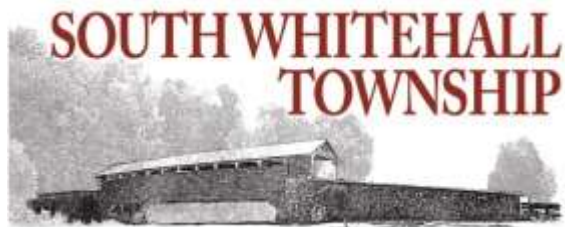
At their May 22, 2023 meeting, the Landscape and Shade Tree Commission reviewed the above-mentioned plan and recommended the following:

Seventeen Red Maples are proposed as Street Trees. The *Selecting Shade Trees Guide* states that, if between 11 and 20 trees are proposed, the trees proposed are to be from at least two Families of tree species. The Shade Tree Commission recommended that species resistant to Verticillium Wilt be used. The Commission noted that overhead wires are near the proposed tree locations. It recommended that the species be chosen from the *In Tight Areas* or *Under Overhead Wires* categories of *Preferred Species*. The Commission also noted that the two southernmost street trees are proposed outside of the right-of-way of Eck Road. The Commission recommended that the trees either be moved to within the right-of-way of Eck Road or be placed within a Shade Tree Easement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gregg", followed by a long horizontal flourish.

Gregg R. Adams, Planner  
 Community Development Department



## MEMORANDUM

**TO:** Planning Commission  
**FROM:** Gregg Adams, Planner  
**DATE:** June 13, 2023  
**SUBJECT:** Subdivision Plan Review  
 1429 Eck Road Outdoor Storage  
 Major Plan 2022-109  
 Plan Dated May 15, 2023  
  
**COPIES:** Parks and Recreation Board, T. Petrucci, L. Matula, D. Manhardt,  
 J. Alderfer, S. Pidcock, A. Tallarida, Applicant

At their June 12, 2023 meeting, the Parks and Recreation Board reviewed the plan and determined the following:

The Parks and Recreation Board recommended that the developer pay fees in lieu of common open space land dedication to meet the open space and recreation requirements of Section 312-36(d)(4) of the Subdivision and Land Development Ordinance. The amount of fees to be paid in lieu of common open space land dedication in non-residential subdivision or land development shall be Twenty-Five Cents (\$0.25) per square foot of additional proposed impervious coverage (post-development impervious surface minus pre-development impervious surface). According to the Zoning Data Block on sheet LD-2, the plan proposes an additional 112,811 square feet of impervious surface, resulting in a fee of \$28,202.75.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Gregg Adams", written over a horizontal line.

Gregg Adams, Planner  
 Community Development Department



# Lehigh Valley Planning Commission

STEVEN GLICKMAN  
Chair

CHRISTOPHER AMATO  
Vice Chair

KEVIN SCHMIDT  
Treasurer

BECKY A. BRADLEY, AICP  
Executive Director

June 16, 2023

Mr. Gregg Adams  
South Whitehall Township Planner  
4444 Walbert Avenue  
Allentown, PA 18104

**Re: 1429 Eck Road Outdoor Trailer Storage – Land Development  
South Whitehall Township  
Lehigh County**

Dear Mr. Adams:

The subject applicant conceptualizes a lot line adjustment and development of an overnight trailer parking lot with guard shack at 1429 Eck Road (Parcel identification number 547720402074).

The LVPC offers the following comments:

### **Tractor-Trailer Accommodations**

The LVPC commends the efforts to strengthen freight infrastructure to minimize quality of life impacts to residents by providing long-term trailer storage (Policy 2.4). A lack of truck parking is a regional concern that can be mitigated by providing opportunities for safe parking by the developers of such warehousing and logistics facilities. These types of buildings rely on trucks to supply and transport goods and services and their needs should be addressed during the development process.

### **Emergency Services**

The LVPC commends the inclusion of snow removal equipment on-site to remove snow from the tops of trailers as required by the Pennsylvania State Snow Removal Law to enable drivers to safely remove snow before departure and eliminate snow and ice shear while traveling on public roads (of Policy 2.2).

The LVPC commends the implementation of emergency vehicle safety measures and feasibility of truck turning maneuvers throughout the proposed development (of Policy 5.1).

### **Development**

A small section of the project site is in a farmland preservation area, although the parcel is within a development area. Development areas have most, or all of the factors needed to support growth, such as transportation infrastructure capacity and contiguity to existing development and are capable of accommodating a substantial amount of

additional development. This is appropriate for major commercial and industrial development.

**Inclusion of Sidewalks**

The LVPC commends the proposed sidewalks constructed along Eck Road and the entrance of the site. This will 'promote safe and secure community design' (Policy 5.1) and facilitate future connections to the external sidewalk network.

**Landscaping**

The LVPC commends the applicant for the inclusion of bountiful natural plantings and landscaping features throughout the site design. The use of native, climate-adaptive landscaping that removes carbon dioxide from the air and stores it where it doesn't hurt the environment serves to 'reduce climate change impacts through mitigation and adaptation' (Policy 3.4).

**Stormwater Review**

The project site is located within the Little Lehigh Creek watershed. This watershed has a fully implemented Act 167 Stormwater Management Ordinance. Comments relative to our review of the project's stormwater management plan are included as attachment 1.

Municipalities, when considering subdivision/land developments, should reasonably attempt to be consistent with *FutureLV: The Regional Plan*, as required by the Pennsylvania Municipalities Planning Code (MPC) [Article 1§105, Article III§303, §304 & §306(a), Article VI§603(j)]. The LVPC review does not include an in-depth examination of plans relative to subdivision design standards or ordinance requirements since these items are covered in the municipal review.

Sincerely,



Bambi Griffin Rivera  
Senior Community and Regional Planner



Joseph Dotta  
Community Fellow

cc: Triple Net Investments CI c/o Joseph Petrucci, Applicant;  
Pany & Lentz Engineering c/o Martin Smith, PE, Project Engineer/Surveyor;  
Scott J. Pidcock, Township/Borough Engineer;  
David Manhardt, Director of Community Development;  
Daryl R. and Cheryl L. Long, Record Property Owner

## ATTACHMENT 1

## Act 167 Drainage Plan Review

June 16, 2023

Re: 1429 Eck Road Outdoor Trailer Storage  
Plans Dated May 15, 2023  
South Whitehall Township  
Lehigh County

The proposed storm drainage concept presented in the plans dated May 15, 2023 and storm drainage calculations dated May 18, 2023 has been reviewed for consistency with the *Little Lehigh Creek Watershed Act 167 Storm Water Management Ordinance*, June 1999. A checklist of the Act 167 review items is attached for your information. As indicated on the checklist, each item of the Drainage Plan has been reviewed for consistency with the Act 167 Ordinance. A brief narrative of the review findings is as follows:

The proposed development is located within drainage district 173 of the Little Lehigh Creek Watershed as delineated in the Act 167 Plan. As such, the runoff control criteria for the site are a 30% Release Rate for the 2-year storm and a 100% Release Rate for the 10-, 25- and 100-year return period storms. Based on review of the plans and calculations, the following deficiencies are noted. The southern third of the site drains to an apparent closed depression. The impact of the closed depression on peak flows to drainage point 1 needs to be evaluated. The pre-development time of concentration path and calculations need to be provided as the assumed 5 minutes appears underestimated. The proposed grading creates a swale along the northern property line that may impact the adjacent property. The 2-year 30% Release Rate is not met, and the design does not control the 2-year runoff volume year-round with the winter orifice activated. Therefore, the Drainage Plan has been found to be inconsistent with the Act 167 requirements.

Note that only those details of the Drainage Plan included on the checklist have been covered by this review. Therefore, notable portions of the Drainage Plan not reviewed include any aspect of the post-construction storm water management plan concerning water quality, the details and design of any proposed water quality BMPs, the Erosion and Sedimentation Control Plan and the details of the runoff collection system (piping). These items are reviewed by the municipal engineer and/or others, as applicable.

Once the outlined issues have been addressed, the revised plans, completed application form and appropriate review fee will need to be resubmitted to our office. Please call with any questions regarding these comments.

Sincerely yours,



Geoffrey A. Reese, PE  
Master Planner and Engineer



Denjam Khadka  
Senior Civil/Environmental Engineer

Attachment

LVPC ACT 167 REVIEW CHECKLIST

Development Name: 1429 Eck Road Outdoor Trailer Storage  
 Municipality: South Whitehall Township  
 Date: June 16, 2023

Watershed: Little Lehigh Creek  
 Reviewer: Denjam Khadka  
 Checked by: Geoffrey A. Reese, PE

Ordinance Reference	Item	Consistency w/Ordinance			Comment
		Yes	No	N/A	

301.A-G. General storm water management requirements .....		X	/	/	
H. Consideration of volume controls .....		X	/	/	

302.A,B. Applicable Storm Water Management Provisions

Subarea(s)	173			
Criteria	30%/100% RR			

Criteria Key: RR = release rate; CND = conditional no detention

303.A. Design consistency with applicable provisions from 302.A. and B.....	/	X	/	
B. Mapping of Storm Water Management District Boundaries.....	X	/	/	
C. Downstream capacity analysis .....	/	/	X	
D. Multiple discharge points within a single subarea.....	/	/	X	
E,F. Multiple discharge points within multiple subareas.....	/	/	X	
K. Documentation of no increase in peak or volume.....	/	/	X	
L. Documentation of "no harm" downstream.....	/	/	X	
M. Regional or subregional detention analysis .....	/	/	X	
N. Capacity improvements analysis.....	/	/	X	

See Attachment 1 for details.

304.A. Computation method (rational or soil-cover-complex) .....	X	/	/	
B. Verification of detention design by routing .....	/	X	/	
C. Minimum detention pond freeboard specifications.....	X	/	/	
E. Soil-cover-complex method design rainfall .....	X	/	/	
F. Rainfall intensities for rational method .....	/	/	X	
G. Curve Numbers for soil-cover-complex method.....	X	/	/	
H. Runoff coefficients for the rational method.....	/	/	X	
I. Volume control storage volume .....	/	/	X	
K. Common time of concentration.....	/	/	X	
L. Manning equation to calculate watercourse capacity .....	/	/	X	

Soil-cover-complex method used.

See Attachment 1 for details.

403. Drainage Plan Contents.....	/	X	/	
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See Attachment 1 for details.

**P** ANY  
&  
ENTZ **ENGINEERING COMPANY**

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**Re: 1429 Eck Road, PIN #5547720402074-1  
South Whitehall Township, Lehigh County  
Preliminary/Final Land Development Plan Submission  
Project Narrative**

May 17, 2023

David Manhardt, AICP  
Director of Community Development  
South Whitehall Township  
4444 Walbert Avenue  
Allentown, PA 18104

Dear Mr. Manhardt:

I am preparing this letter on behalf of Triple Net Investments CI, LLC, the equitable owner of an undeveloped property located at 1429 Eck Road, Allentown. By means of this letter, I am providing the requested project narrative to accompany the Preliminary/Final Land Development Plan submission.

The site is approximately 5.11 acres in size and is located on the east side of Eck Road (T.R. 498) within the IC-1 Industrial Commercial Zoning District and TND – Industrial Retrofit and Infill overlay district. The applicant proposes to construct a 78-space outdoor storage area for trailer storage. Construction will also include an approximately 100 square foot guard booth, 8 car parking spaces, an area reserved for future 16 car parking spaces, stormwater management facilities and utility extensions.

The proposed development includes approximately 113,000 square feet of new impervious area on site and an additional 11,000 SF of impervious associated with the proposed widening of Eck Road and sidewalk along Eck Road. Additional right-of-way will also be dedicated along Eck Road. The site will be served with public water and sewer.

Outdoor Storage is permitted by Special Exception in the IC-1 district. A Special Exception application was made and heard by the South Whitehall Township Zoning Hearing Board at their November 30, 2022 meeting. The ZHB subsequently approved the Special Exception request. As part of the Special Exception request, a variance for relief from the required off-street parking requirements was also granted. This relief will allow for the construction of 8 car parking spaces initially with 16 spaces held in reserve.

Pany & Lentz Engineering Company  
609 Hamilton Street • Allentown, PA 18101  
PHONE: 610/433-1634 • FAX: 610/433-1636

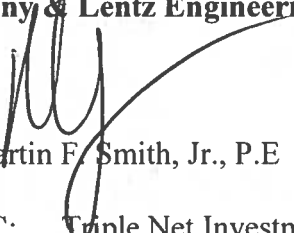


As required by §350-48(o)(9) of the South Whitehall Township Zoning Ordinance, the Outdoor Storage area is to be enclosed by a chain-link fence. The total enclosed area was utilized for the off-street parking calculations noted above. As Outdoor Storage is the use proposed, the setbacks along the property lines apply to the use, that is areas of trailer storage. The proposed plan and layout utilizes allowed reductions in the front yard setback by proposing a sidewalk along Eck Road, planting street trees along Eck Road and connecting the public sidewalk to on-site facilities via a sidewalk.

On behalf of the applicant, we appreciate your consideration of our application.

Please feel free to contact me via email at [mfsmith@plec.us](mailto:mfsmith@plec.us) or phone at 610-433-1634 if there are any questions on the items submitted or additional information required to review this application.

Very truly yours,  
**Pany & Lentz Engineering Co.**



Martin F. Smith, Jr., P.E

CC: Triple Net Investments CI, LLC  
Erich Schock, Fitzpatrick, Lentz & Bubba  
Stephen Pany, PE

**P**ANY  
&  
ENTZ **ENGINEERING COMPANY**

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**Re: 1429 Eck Road Outdoor Storage  
PIN #5547720402074-1  
South Whitehall Township, Lehigh County  
Preliminary/Final Land Development Plan Submission  
Revised SALDO Waiver Request**

September 28, 2023

David Manhardt, AICP  
Director of Community Development  
South Whitehall Township  
4444 Walbert Avenue  
Allentown, PA 18104

Dear Mr. Manhardt:

I am preparing this letter on behalf of Triple Net Investments CI, LLC, the equitable owner of an undeveloped property located at 1429 Eck Road, Allentown.

By means of this letter, I am respectfully requesting the following waiver for the above referenced land development plan:

1. **SECTION 304-27(A)** – requesting a waiver from the requirement to not excavate or open a paved and improved street surface less than five years old. The request is made to allow for required road widening, sanitary connection, and water connections including a fire hydrant.
2. **SECTION 312-12(b)(15)** – requesting a waiver from the requirement to show existing and proposed contours within 400 feet of the project site. The request is made to allow the plans to be legible at the scale of 1" = 50'. The plans currently show approximately 200 feet beyond the property line.
3. **SECTION 312-12(b)(21)** – requesting a waiver from the requirement to show existing sidewalks, trails, driveways, streets, extensions, and right-of-way, etc. within 400 feet of the site. The request is made to allow the plans to be legible at the scale of 1" = 50'. The plans currently show approximately 200 feet beyond the property line.

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4. **SECTION 312-35(b)(8)(B)** – requesting a waiver from the requirement to grade beyond the right-of-way line in order to provide a continuous slope. The request is made to allow collection of stormwater required for volume and rate control.
5. **SECTION 312-36(c)(5)(A)** – requesting a waiver from the requirement limiting driveway width to a maximum width of 40' at the right-of-way line. The request is made to allow for the necessary driveway curb radii to accommodate trucks entering and exiting the site. The combination of a 30' wide drive and 60' curb radii result in a driveway that is 70' wide at the right-of-way line.
6. **SECTION 312-39(d)(2)(A)** – requesting a waiver from the requirement to have the basin side slopes be at a slope greater than 4 horizontals to 1 vertical and to allow the minimum longitudinal slope to be less than two percent. This request is made to allow the basin to maximize storage. The proposed side slopes are 3 horizontals to 1 vertical. The basin is to have an impervious liner installed which will limit the chance of sinkholes.

On behalf of the applicant, we appreciate your consideration of this request.

Very truly yours,  
**Pany & Lentz Engineering Co.**

  
Martin F. Smith, Jr., P.E

CC: Triple Net Investments CI, LLC  
Erich Schock, Fitzpatrick, Lentz & Bubba  
Stephen Pany, PE

