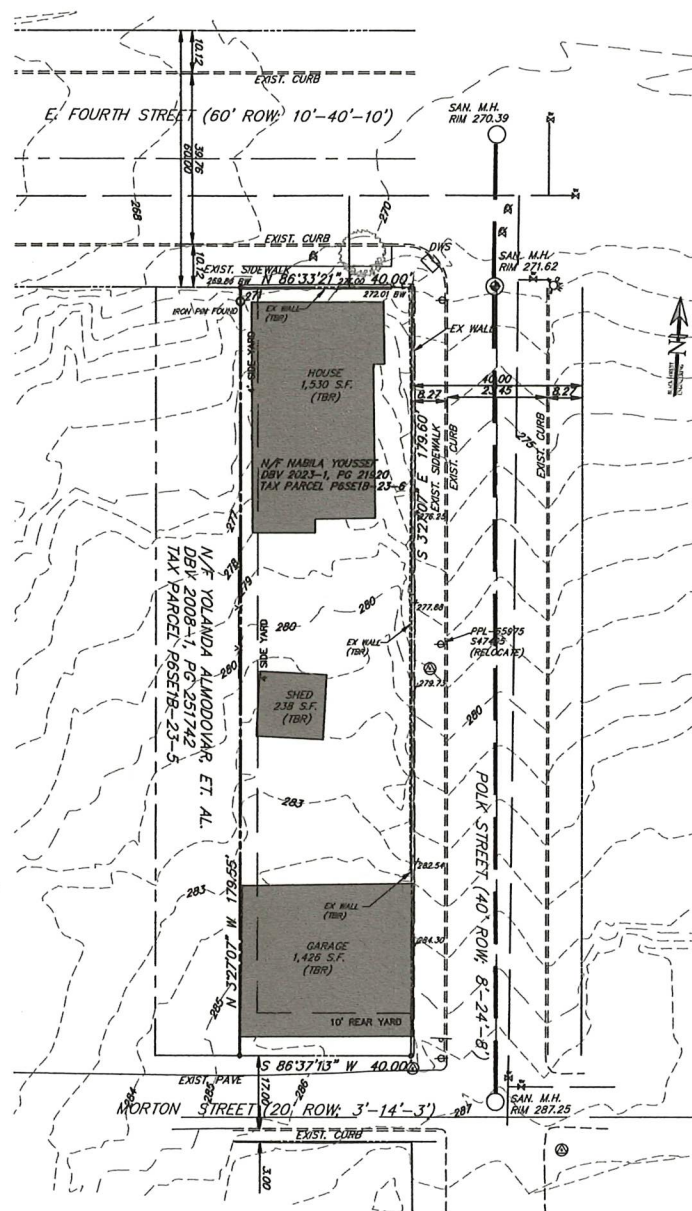


	PROPERTY LINE
	EXISTING RIGHT-OF-WAY
	BUILDING RESTRICTION LINE
	EXISTING EDGE OF PAVE
	EXISTING VEGETATION
	EXISTING CENTERLINE
	EXISTING ROAD PAVEMENT
	EXISTING SIDEWALK
	EXISTING STRUCTURE
	EXISTING ADJOINER
	EXISTING GAS LINE
	EXISTING SANITARY LINE
	EXISTING STORM SEWER
	EXISTING WATER LINE
	EXISTING CURB
	EXISTING FENCE
	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	EXISTING ELECTRIC POLE
	EXISTING GAS VALVE
	EXISTING WATER VALVE
	EXISTING FIRE HYDRANT
	EXISTING IRON PIN
	EXISTING CONTROL POINT
	EXISTING TEST PIT/PROBE
	EXISTING INLET

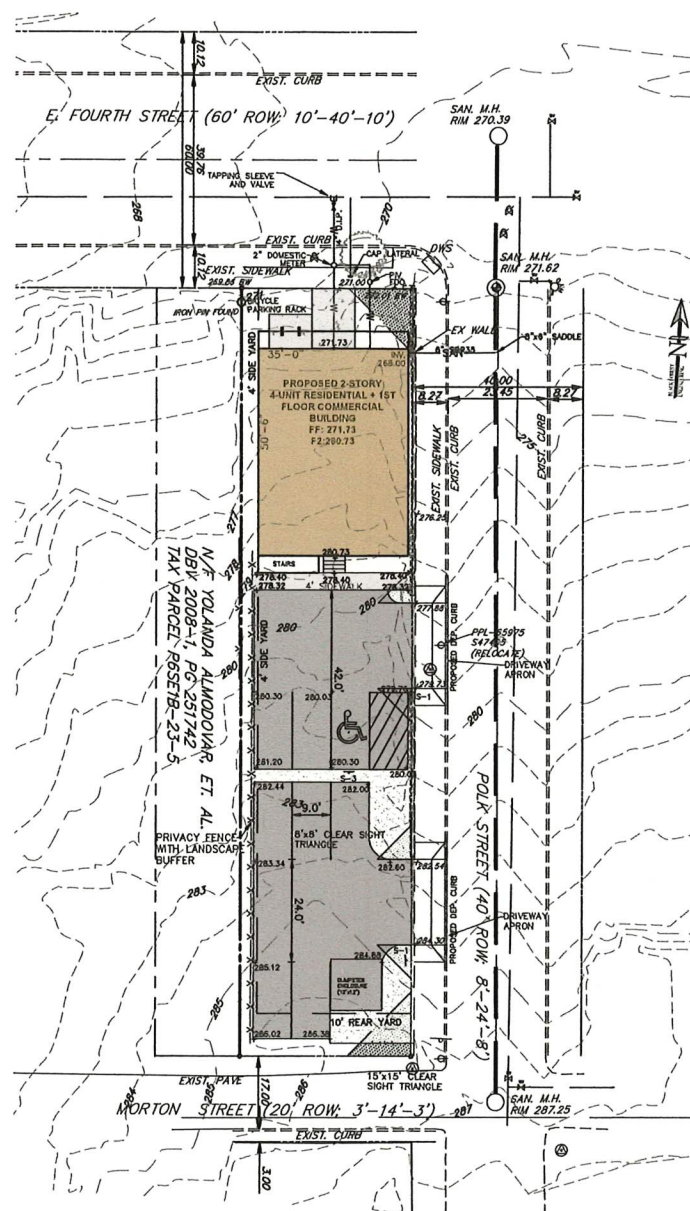
	PROP. PROPERTY LINE
	PROP. TRACT LINE
	PROP. RIGHT-OF-WAY
	PROP. EASEMENT
	PROP. BUILDING RESTRICTION LINE
	PROP. FENCE
	PROP. TREE LINE
	PROP. CENTERLINE
	PROP. SIDEWALK
	PROP. CURB
	PROP. DRIVEWAY
	PROP. CONTOUR MAJOR
	PROP. CONTOUR MINOR
	PROP. GAS LINE
	PROP. GAS LATERAL LINE
	PROP. SANITARY LINE
	PROP. SANITARY LATERAL LINE
	PROP. STORM LINE
	PROP. WATER LINE
	PROP. WATER LATERAL LINE
	PROP. DRAINAGE PATH
	PROP. IRON PIN
	PROP. CONCRETE MONUMENT
	PROP. UTILITY POLE
	PROP. SANITARY MANHOLE
	PROP. CLEANOUT
	PROP. VENT
	PROP. STORM MANHOLE
	PROP. INLET
	PROP. SIGN
	PROP. FIRE HYDRANT
	PROP. WATER VALVE
	PROP. WELL
	PROP. GAS VALVE
	PROP. TREE
	PROP. BENCHMARK
	PROP. CONCRETE WHEELSTOP
	PROP. BUILDING/STRUCTURE
	PROP. DRIVEWAY

**UoD** Urban land-Duffield Complex, 8 to 25 percent slopes

THERE ARE 2 EXISTING TREES MEETING THE REQUIREMENTS OF CITY ORDINANCE 1318.28 PLANNED FOR REMOVAL. ANY SUCH EXISTING TREE MEETING THIS REQUIREMENT SHALL BE REPLACED AS REQUIRED.



## EXISTING FEATURES PLAN

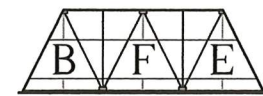


## GRADING & UTILITY PLAN

1. ALL SANITARY SEWER MATERIAL AND APPURTENANCES TO BE DEDICATED TO THE CITY MUST BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF BETHLEHEM CONSTRUCTION SPECIFICATIONS, AS AMENDED AND THE PA DEP DOMESTIC WASTEWATER FACILITIES MANUAL, LATEST REVISION.
2. ALL SANITARY SEWER PIPE, FITTINGS, AND APPURTENANCES MUST BE SDR-26 OR 35 PVC, UNLESS NOTED OTHERWISE.
3. CONNECTION TO EXISTING SANITARY SEWER MANHOLE MUST BE MADE USING WATERIGHT CONNECTIONS.
4. EXISTING SANITARY SEWER CONNECTIONS SHALL BE CAPPED AT THE MAIN PRIOR TO DEMOLITION. CAPPING PERMITS SHALL BE OBTAINED FROM THE CITY OF BETHLEHEM ENGINEERING BUREAU.

1. THE DEVELOPER IS RESPONSIBLE TO SECURE AND PAY FOR ALL ESTABLISHED CITY APPLICATION, ALLOCATION AND TRANSMISSION AND TREATMENT FEES OR PERMITS NECESSARY FOR THE CONNECTION OF THE WATER AND SEWER SYSTEMS TO THE CITY PUBLIC SYSTEMS.
2. ALL DEVELOPMENT CONSTRUCTION IMPROVEMENTS ARE SUBJECT TO QUALITY CONTROL INSPECTION BY THE CITY OR THEIR ASSIGNED AGENTS. ALL WORK CONSTRUCTED WITHOUT QUALITY CONTROL INSPECTION WILL BE SUBJECT TO REJECTION AND REMOVAL AND REPAIR AND RECONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE CITY A MINIMUM OF 7 DAYS PRIOR TO ANY CONSTRUCTION OPERATIONS WITHIN THE CITY RIGHT-OF-WAY OR AFFECTING A CITY UTILITY.

1. ALL WATER SERVICE LATERALS MUST BE INSTALLED FROM THE MAIN, CORPORATION STOP TO THE CURB STOP AT THE CITY RIGHT-OF-WAY WITHOUT A SPLICE CONNECTION.
2. THE CONTRACTOR SHALL NOT OPERATE EXISTING VALVES, FIRE HYDRANTS, ETC., WITHIN THE CITY WATER SYSTEM. ARRANGEMENTS SHALL BE MADE THROUGH THE CITY FOR OPERATION.
3. ALL WATER SYSTEM MATERIALS, APPURTENANCES AND CONSTRUCTION WITHIN THE CITY RIGHT-OF-WAY MUST BE IN COMPLIANCE WITH THE CITY ENGINEER'S SPECIFICATIONS, THE SPECIFICATIONS PREPARED AND THE PA DEP PUBLIC WATER SUPPLY MANUAL, LATEST EDITION.
4. ALL WATER LATERALS AND APPURTENANCES MUST MAINTAIN A MINIMUM OF 4 FEET COVER FROM FINISHED GRADE AND SHALL BE DUCTILE IRON PIPE.



BLACK FOREST ENGINEERING, LLC  
1903 MAIN STREET  
NORTHAMPTON, PA 18067

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SEAL:



JOSEPH E. RENTKO, P.E. (PE055601)  
2455 BLACK FOREST DRIVE  
COPLAY, PA 18037  
570-239-4499

01	ADDRESS ZONING COMMENTS	JER	2/6/
REV:	DESCRIPTION:	BY	DA

PROJECT TITLE:

330 EAST 4TH STREET

PROJECT OWNER:

PROJECT LOCATION:  
CITY OF BETHLEHEM  
WARD 3 BLOCK 7A  
NORTHAMPTON COUNTY  
PENNSYLVANIA

PLAN TITLE:  
EXISTING/GRADING & UTILITY

SCALE: 1"=20'	DATE: 6/13/24	DRAWN: JER	CHECKED: JER
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PROJECT NO. 2401	DRAWING NO. 2 OF 7	REVISION: 01
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