



INFILTRATION AND INFLOW MITIGATION NOTES:

1. THE FLOOR DRAIN IN THE REAR BUILDING WILL BE REMOVED AND PLUGGED.
2. THE TWO ROOF LEADERS AT THE REAR BUILDING WILL BE DISCONNECTED FROM THE SANITARY SEWER LINE.
3. THE FRONT BUILDING WILL BE DEMOLISHED TO ALLOW FOR CONSTRUCTION OF THE PROPOSED BUILDINGS. THE EXISTING SEWER LATERAL CONNECTION WILL BE CUT AND PLUGGED.

PROJECT INFORMATION:

| | |
|-------------------|---|
| PARCEL OWNER: | PIE DEVELOPMENT COMPANY, INC. |
| PROJECT ENGINEER: | HUDSON LAND DESIGN P.C., 174 MAIN STREET, BEACON NY 12508 |
| PARCEL LOCATION: | 53 ELIZA STREET BEACON, NEW YORK 12508 |
| TAX PARCEL ID: | 6054-29-031870 |
| PARCEL AREA: | ±0.696-ACRE |
| WATER SUPPLY: | MUNICIPAL |
| SEWAGE DISPOSAL: | MUNICIPAL |
| ZONING DISTRICT: | R-5 |

MAP REFERENCES:

1. EXISTING FEATURES AS SHOWN ON THIS SKETCH PLAN PROVIDED BY A SURVEY BY TEC LAND SURVEYING.
- ## SITE SPECIFIC NOTES:
1. THE CONTRACTOR SHALL PERFORM A UTILITIES CALL-OUT PRIOR TO CONSTRUCTION TO VERIFY ALL UNDERGROUND UTILITY LOCATIONS BY CONTACTING UTILITY # 1-800-962-7962. SPECIFIC ATTENTION SHALL BE PAID TO THE LOCATIONS OF GAS, WATER AND SEWER MAINS WITH RESPECT TO THE PROPOSED LOCATIONS FOR THE SERVICE LINES.
2. THE CONTRACTOR SHALL FIELD VERIFY THE LOCATIONS AND INVERTS OF ALL DRAINAGE, SANITARY SEWER, WATER AND GAS LINES AND STRUCTURES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL ASSUME THE EXISTING LOCATIONS AS SHOWN ON THE PLAN ARE CORRECT.
3. THE PROPOSED LOT SHALL BE SERVED BY THE CITY OF BEACON MUNICIPAL WATER AND SEWER SERVICES. AS SUCH, THE CONTRACTOR SHALL CONTACT THE CITY OF BEACON WATER AND SEWER DEPARTMENTS TO SCHEDULE A PRE-CONSTRUCTION MEETING TO ENSURE THAT THE ARRANGEMENTS FOR THE PROPOSED LOT LOCATIONS ARE PROTECTED IN ACCORDANCE WITH THE APPROVED PLANS AND AMENDMENTS THERETO AND GENERALLY ACCEPTED STANDARDS.
4. THE WATER SERVICE LINE AND METER FOR EACH UNIT SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY OF BEACON WATER DEPARTMENT REQUIREMENTS.
5. THE WATER SERVICE MAIN SHALL BE 6" DIPS.
6. THE SEWER SERVICE MAIN SHALL BE 6" SDR-35 PVC PIPE WITH PITCH AS SHOWN ON THE PLAN (MINIMUM OF 1/4" PER FOOT SHALL BE MAINTAINED).
7. STREET CLOSURES FOR WATER, SEWER AND GAS SERVICE CONNECTIONS AND DRIVEWAY CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF BEACON REQUIREMENTS. A PLAN SHALL BE IN PLACE FOR THE DURATION OF THE PROJECT.
8. ALL EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO CONSTRUCTION. MAIN STREET AND NORTH ELM STREET SHALL BE KEPT CLEAN AND SWEEP DURING CONSTRUCTION.
9. SLUMP PUMPS TO BE PROVIDED FOR FOOTING DRAINS, AS REQUIRED. THE TYPES OF PUMPS AND METHODS USED TO ENSURE PROPER DRAINAGE SHALL BE ACCEPTABLE TO THE CITY OF BEACON BUILDING DEPARTMENT.
10. THE TOTAL DISTURBANCE ASSOCIATED WITH THE PROJECT HAS BEEN ESTIMATED TO BE 25,716 SQUARE FEET (40.59 ACRES).
11. THE BUILDING CONTRACTOR SHALL HAVE THE RIGHT TO INSPECT THE EXISTING BUILDING TO CONFIRM THAT THERE ARE NO EXISTING STORMWATER CONNECTIONS TO THE CITY'S SANITARY SEWER SYSTEM PRIOR TO THE MAP BEING SIGNED.
12. THE EXISTING WATER SERVICE LINE SHALL BE CUT, CAPPED AND ABANDONED IN-PLACE.
13. THE EXISTING SEWER SERVICE LINE LATERAL SHALL BE REMOVED AND PLUGGED TO PREVENT ANY GROUNDWATER INFLOW INTO THE CITY SEWER SYSTEM.
14. THE REQUIRED SIGHT DISTANCE SHALL MEET OR EXCEED THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION REQUIREMENTS. THE STATE UTILIZES THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) GUIDELINES AT INTERSECTIONS. SIGHT DISTANCE (SSD) OF 200 FEET SPEED LIMIT OF 40 MPH. STOPPING SIGHT DISTANCE (SSD) OF 300 FEET (SSD) OF 200 FEET TO THE LEFT AND 335 FEET TO THE RIGHT, AND 200 FEET IN BOTH DIRECTIONS FOR STOPPING SIGHT DISTANCE (SSD). THE MEASURED SSD AND SSD AT THE PROPOSED ENTRANCE IS AS FOLLOWS

SLSD LEFT = ±405 FEET (MEASURED AT FRONT OF BUILDING ± 11 FEET FROM ROAD EDGE TO AVOID ADJACENT WOOD FENCE)
SLSD LEFT = ±288 FEET (MEASURED AT ± 5 FEET FROM ROAD EDGE TO AVOID PARKED CARS ON EAST SIDE OF ELIZA STREET)
SLSD RIGHT = ±317 FEET (MEASURED AT FRONT OF BUILDING ± 11 FEET FROM ROAD EDGE TO INTERSECTION WITH VERPLANCK AVENUE)
SSD LEFT = ±615 FEET (TO INTERSECTION WITH MAIN STREET)
SSD RIGHT = ±296 FEET (TO INTERSECTION WITH VERPLANCK AVENUE)

INSPECTION SCHEDULE & LONG TERM MAINTENANCE OF STORMWATER STRUCTURES

CATCH BASINS AND PIPING:

ALL CATCH BASINS SHALL BE INSPECTED AFTER EACH STORM EVENT FOR SEDIMENT ACCUMULATION, AND DEBRIS, AND REMOVE AS NECESSARY. WHEN SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN SUMP REACHES 1/2 OF THE SUMP DEPTH, IT SHALL BE REMOVED. ASSOCIATED PIPING SHALL BE INSPECTED ANNUALLY AND ACCUMULATED SEDIMENT SHALL BE REMOVED AS NEEDED.

| * STORM SEWER PIPE TABLE | | | |
|--------------------------|--------|-------------------|-------|
| PIPE NAME | LENGTH | SIZE AND MATERIAL | SLOPE |
| Pipe 5 | 57 LF | 15" Ø CORR HDPE | 0.98% |
| PIPE 1 | 37 LF | 15" Ø CORR HDPE | 1.62% |
| PIPE 2 | 71 LF | 15" Ø CORR HDPE | 1.06% |
| PIPE 3 | 62 LF | 15" Ø CORR HDPE | 3.47% |
| PIPE 4 | 9 LF | 15" Ø CORR HDPE | 1.13% |

| SANITARY SEWER STRUCTURE TABLE | |
|--------------------------------|---|
| STRUCTURE | STRUCTURE DETAILS |
| SMH 6 | RIM = 140.71 PIPE 6 INV OUT = 135.95 |
| SMH 7 | RIM = 137.52 PIPE 6 INV IN = 129.70 |

| SANITARY SEWER PIPE TABLE | | | |
|---------------------------|--------|-------------------|-------|
| PIPE NAME | LENGTH | SIZE AND MATERIAL | SLOPE |
| PIPE 6 | 179 LF | 8 inch PVC | 3.50% |

| | | | | | | | |
|---------------|---------|-----------------------------|-----|-----------------|------|-------------|----|
| DRAWN BY: CMB | | | | CHECKED BY: MAB | | | |
| REVISIONS: | | | | REVISIONS: | | | |
| NO. | DATE | DESCRIPTION | BY | NO. | DATE | DESCRIPTION | BY |
| 1 | 2/26/19 | PER PLANNING BOARD COMMENTS | CMB | | | | |
| 2 | 3/26/19 | PER PLANNING BOARD COMMENTS | CMB | | | | |
| 3 | 4/30/19 | PER PLANNING BOARD COMMENTS | CMB | | | | |
| 4 | 5/28/19 | PER PLANNING BOARD COMMENTS | ESR | | | | |
| | | | | | | | |

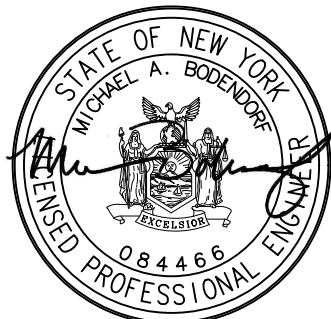
Dig Safely.
New York
800-962-7962
www.digsafelynewyork.org

- ☐ Call Before You Dig
- ☐ Wait The Required Time
- ☐ Confirm Utility Response
- ☐ Respect the Marks
- ☐ Dig With Care

OWNER'S CONSENT:

THE UNDERSIGNED OWNER OF THE PROPERTY HEREON STATES THAT HE IS FAMILIAR WITH THIS MAP, ITS CONTENTS AND ITS LEGENDS AND HEREBY CONSENTS TO ALL SAID TERMS AND CONDITIONS AS STATED HEREON.

PIE DEVELOPMENT _____ DATE _____



SEAL



HUDSON LAND DESIGN
PROFESSIONAL ENGINEERING P.C.
 174 MAIN ST., BEACON, NEW YORK 12508
 13 CHAMBERS ST., NEWBURGH, NEW YORK 12550
 PH: 845-440-6926
 F: 845-440-6637

GRADING & UTILITY PLAN

53 ELIZA STREET

53 ELIZA STREET
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK
TAX ID: 6054-29-031870

JOB #: 2018:032

DATE: 8/28/18

SCALE: 1"=20'

TITLE: GU-1

SHEET: 6 OF 13

UNAUTHORIZED ALTERATIONS OR ADDITIONS TO THIS DRAWING IS A VIOLATION OF SECTION 7209.2 OF THE NEW YORK EDUCATION LAW