

1"=80'±



1"=400'±

OWNER & ADDRESS REPORT

LONG HILL TOWNSHIP 200' LIST FOR BLOCK 13204 LOT 20 07/08/20 Page 1

| BLOCK | LOT | QUAL | CLA | PROPERTY OWNER | PROPERTY LOCATION | Adtl Lots |
|-------|-----|------|-----|---|--------------------|-----------|
| 13204 | 11 | | 15C | TOWNSHIP OF LONG HILL 915 VALLEY RD GILLETTE, NJ | DELAWARE AVE | |
| 13204 | 14 | 2 | | MA, YONG & DU, VI YUN 17 CEDAR HOLLOW DR STIRLING, NJ | 17 CEDAR HOLLOW DR | 07933 |
| 13204 | 15 | 2 | | WEI, ZHENGLIAN 17 CEDAR HOLLOW DR STIRLING, NJ | 23 CEDAR HOLLOW DR | 07980 |
| 13204 | 16 | 2 | | DAMES, CARO R/CONSTANCE 31 SKYVIEW TER STIRLING, NJ | 31 SKYVIEW TER | 07980 |
| 13204 | 17 | 2 | | BROWN, STEPHEN J & ANGELINA 42 DELAWARE AVE STIRLING, NJ | 42 DELAWARE AVE | 07980 |
| 13204 | 19 | 2 | | GASALBERTI, ROBERT P TRUS/DE/ISE A 48 DELAWARE AVE STIRLING, NJ | 48 DELAWARE AVE | 07980 |
| 13204 | 21 | 2 | | BRUNO, DESORAH 64 DELAWARE AVE STIRLING, NJ | 64 DELAWARE AVE | 07980 |
| 13205 | 8 | 2 | | MASTROGIANNI, JOHN P/GRACIANNI 67 DELAWARE AVE STIRLING, NJ | 67 DELAWARE AVE | 07980 |
| 13205 | 9 | 2 | | PASCHKE, WAYNE J/TANYA LEE 61 DELAWARE AVE STIRLING, NJ | 61 DELAWARE AVE | 07980 |
| 13205 | 10 | 2 | | ZHANG, GANG & MA, YAN 55 DELAWARE AVE STIRLING, NJ | 55 DELAWARE AVE | 07980 |
| 13205 | 11 | 2 | | MAC DONALD, SCOTT/ROBIN 51 DELAWARE AVE STIRLING, NJ | 51 DELAWARE AVE | 07980 |
| 13205 | 12 | 2 | | PETELICH, JOHN JR/STACEY 45 DELAWARE AVE STIRLING, NJ | 45 DELAWARE AVE | 07980 |

NOTES:

- REFERENCE DRAWINGS:
 - "SURVEY OF BLOCK 13204, LOT 20 TOWNSHIP OF LONG HILL, MORRIS COUNTY, NEW JERSEY" PREPARED BY FINELLI CONSULTING ENGINEERS, INC. DATED JANUARY 14, 2020.
 - "MAP OF PROPERTY SITUATED IN TOWNSHIP OF LONG HILL, MORRIS COUNTY, NEW JERSEY" PREPARED BY BENJAMIN AND WIZOREK, INC. DATED OCTOBER 3, 2014.
 - MAP TITLED "FINAL MAP, SECTION TWO, STERLING AT LONG HILL, TOWNSHIP OF LONG HILL, MORRIS COUNTY, NEW JERSEY" DATED MAY 10 1993, FILED IN THE MORRIS COUNTY CLERK'S OFFICE ON JULY 29, 1993 AS MAP NO. 5037.
- PROPERTY TAX MAP DATA:
 - SHEET 5, BLOCK 13204, LOT 20
- PROPERTY ADDRESS:
 - 58 DELAWARE AVE. STIRLING, NJ 07980
- OWNER / APPLICANT:
 - ERIN & PATRICK DWYER 58 DELAWARE AVE. STIRLING, NJ 07980 609-618-0346
- SCHEDULE OF BULK ZONING DATA:

| | REQUIRED | EXISTING | PROPOSED |
|---|-------------|--------------|-----------------|
| R-2 RESIDENTIAL ZONE | | | |
| BULK ZONE CRITERIA | | | |
| MINIMUM LOT AREA, NET (SF.) | 45,000 | 25,408 | NC (ENC) |
| MAXIMUM LOT WIDTH (FT.) | 150 | 120 | NC (ENC) |
| MINIMUM FRONT YARD SETBACK (FT.) | 75 | 50.7 | NC |
| MINIMUM REAR YARD SETBACK (FT.) | 25 | 91.5 | 84.7 |
| MINIMUM SIDE YARD SETBACK (FT.) | 25 | 18 | NC (ENC) |
| MINIMUM AGGREGATE SIDE YARD WIDTH (FT.) | 36 | 48± | NC |
| MAXIMUM BUILDING HEIGHT (STORIES/FT.) | 2.5/35 | 2/33.9± | 3/39.4 (VR) |
| MAXIMUM LOT COVERAGE (%) | 20.0 | 20.6± | 26.0 (VR) |
| MAXIMUM FLOOR AREA RATIO* (SF./%) | 4524/17.81± | 3,367/13.25± | 3,747/14.75± |
| RESIDENTIAL SHEDS | | | |
| MINIMUM SETBACK SIDE/REAR YARD (FT.) | 10 | 12 | NC |
| MAXIMUM SHED SIZE (SF.) | 100 | 100 | NC |
| IN-GROUND SWIMMING POOLS | | | |
| MINIMUM SETBACK SIDE/REAR YARD (FT.) | 20 | NA | 40.5 |
| MINIMUM SETBACK FROM PRINC. BLDG. (FT.) | 10 | NA | 21.7 (FROM SPA) |
| MINIMUM SETBACK FROM ACCESS. STRUC. (FT.) | | | |
| | 6 | NA | 37.1 (TO SHED) |

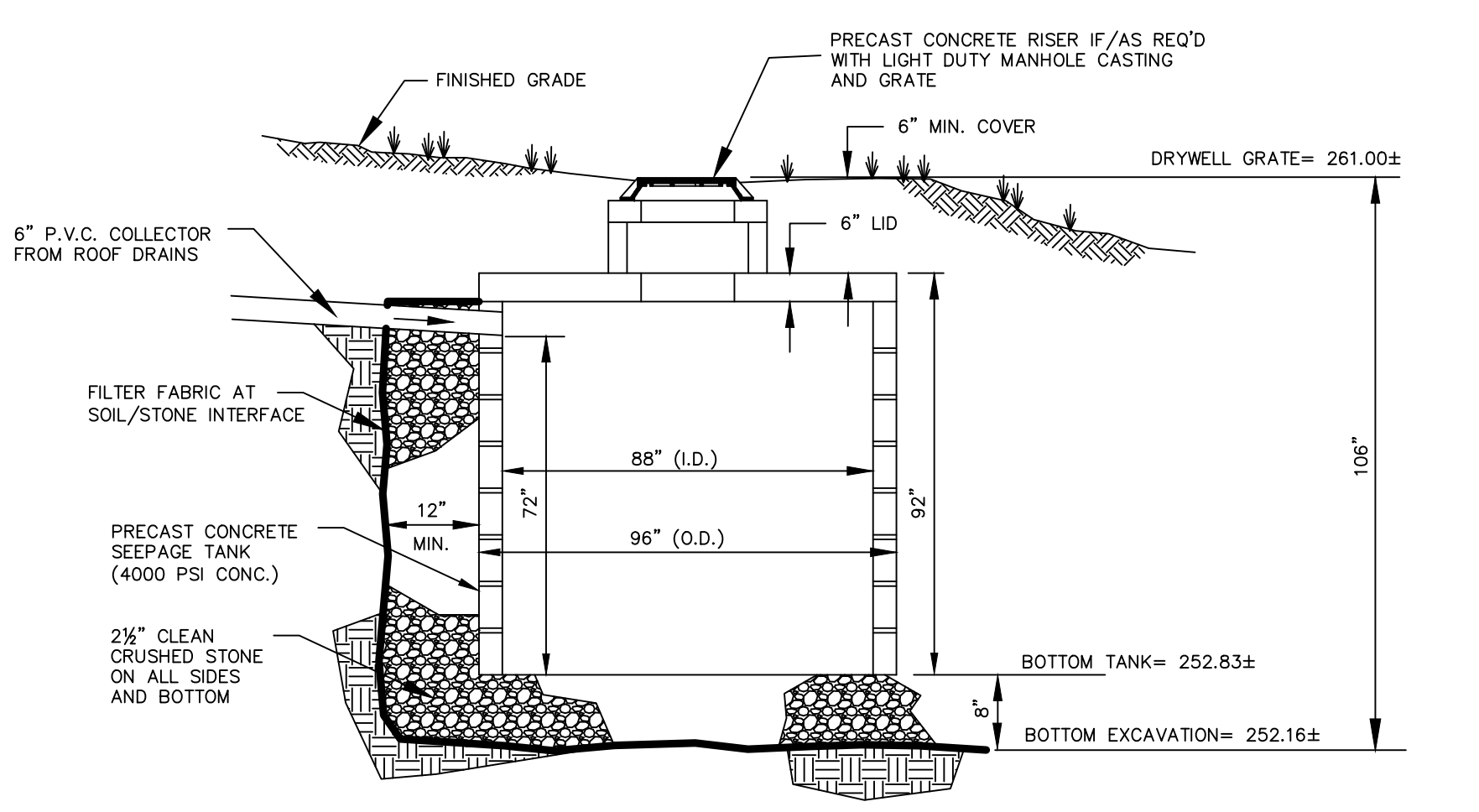
NC= NO CHANGE
NA= NOT APPLICABLE
ENC= EXISTING NONCONFORMING CONDITION
VR= VARIANCE REQUESTED
*BASED ON ACTUAL LOT AREA
- CRITICAL AREA:
 - PURSUANT TO LU 142.1c "NO DEVELOPMENT IN THE TOWNSHIP SHALL PROVIDE MORE THAN 70% IMPERVIOUS SURFACE COVERAGE OF THE NONCRITICAL AREA OF THE LOT."
 - CRITICAL SLOPE AREA (≥15%) = 8,765± SF
 - SPECIAL FLOOD HAZARD AREA (REF. NJ GEOWEB) = 0 SF
 - WETLANDS = 0 SF (SEE NOTE 7)
 - TOTAL CRITICAL LOT AREA = 8,765± SF
 - TOTAL NONCRITICAL LOT AREA = 16,643± SF
 - NEW IMPERVIOUS COVERAGE OF NON-CRITICAL AREA = 243± SF
 - TOTAL PROPOSED IMPERVIOUS COVERAGE OF NONCRITICAL LOT AREA = 5,349± SF (±32.1%)
 - SETBACK OF PRINCIPAL BUILDING ADDITION FROM CRITICAL AREA = 6± FT
- BASED UPON A SITE INSPECTION PERFORMED APRIL 23, 2021 BY FINELLI CONSULTING ENGINEERS, INC. WETLANDS AND ASSOCIATED WETLAND TRANSITION AREA WERE NOT PRESENT WITHIN PROPERTY LIMITS.
- UNDERGROUND FACILITIES SERVING OR RELATED TO THIS PROPERTY, IF ANY, WERE NOT LOCATED AND MAY NOT SHOW ON THIS MAP.
- SEE SHEET 2 OF 2 FOR CONSTRUCTION AND SOIL EROSION SEDIMENT CONTROL PLAN NOTES AND DETAILS.
- PRINTS OF THIS DRAWING ARE NOT VALID UNLESS MADE FROM THE SURVEYOR'S ORIGINAL TRACING AND UNLESS THE EMBOSSED SEAL OF THE SURVEYOR HAS BEEN AFFIXED.

IMPERVIOUS COVER SCHEDULE

| EXISTING | |
|-----------------------|----------|
| DWELLING ROOF= | 2656 SF |
| DECK/STOOP= | 582 SF |
| DRIVEWAY= | 1673 SF |
| PAVER WALK= | 295 SF |
| SHED= | 100 SF |
| TOTAL= | ±5306 SF |
| PROPOSED | |
| EX. DWELLING ROOF= | 2656 SF |
| EX. DRIVEWAY= | 1673 SF |
| EX. PAVER WALK= | 295 SF |
| EX. SHED= | 100 SF |
| ADDITION= | 385 SF |
| DECK & STEPS= | 232 SF |
| POOL/SPA W.S.= | 650 SF |
| POOL COPING/PATIO= | 630 SF |
| EQUIP. PAD/RET. WALL= | 78 SF |
| TOTAL= | ±6699 SF |
| NEW IMPERV. COVER= | ±1393 SF |

DRYWELL CALCULATION DWYER ADDITION

| | | | | | |
|-----------------------------------|------------------|--------|------------------------|-----|----|
| MUNICIPALITY: | LONG HILL TWP. | BLOCK | 13204 | LOT | 20 |
| COUNTY: | MORRIS | | | | |
| DESIGN RAINFALL = | 4 IN. | | | | |
| NEW IMPERVIOUS AREA= | 1393 SF | | | | |
| REQUIRED STORAGE= | 464 CF | | | | |
| SUBSURFACE DRYWELL SIZING: | | | | | |
| NO. OF TANKS = | 1 | | | | |
| TANK DIAM.= | 96" | | | | |
| TANK VOL. (Tv)= | 301.6 CF. | | | | |
| INTERIOR DIAM. = | 88" | | | | |
| TANK EFFECTIVE HT. = | 72" | | | | |
| TANK STORAGE VOL. = | 253.4 CF. | | | | |
| STONE VOL. = | (L x W x D) - Tv | WHERE: | L (length) = 12 FT. | | |
| STONE VOL. (Sv) = | 658.9 CF. | | W (width) = 12 FT. | | |
| STONE VOID VOL. = | Sv x Vr | | D (depth) = 6.67 FT. | | |
| STONE VOID VOL. = | 217.4 CF | | Vr (void ratio) = 0.33 | | |
| DRYWELL AREA = | 144.0 SF | | | | |
| ADDITION / POOL DRYWELL STORAGE = | 470.9 CF. | | | | |



STORM WATER DRYWELL DETAIL

PRECAST SEEPAGE TANK AS MANUFACTURED BY FLEMINGTON PRECAST OR EQUAL

NOT TO SCALE

| NUMBER | DATE | REVISION |
|--------|---------|--------------------------------|
| 4 | 8/2/21 | ADD BLDG. HEIGHT VARIANCE |
| 3 | 5/3/21 | PER C.O.A. & WALKOUT BASEMENT |
| 2 | 12/2/20 | PER 11-23-20 SCD COMMENT LTR. |
| 1 | 9/8/20 | PER UPDATED ADDITION FOOTPRINT |

SCALE IN FEET

20' 0' 20' 40'

FINELLI CONSULTING ENGINEERS
CERTIFICATE OF AUTHORIZATION NO. 246A27918500

TELEPHONE: (908) 835-9500 205 ROUTE 31 NORTH
FAX: (908) 835-9909 WASHINGTON, N.J. 07882

Michael S. Finelli
Michael S. Finelli, P.E., P.P., C.M.E.
NJ Professional License No. 32396

PLOT PLAN & GRADING PLAN
PROPOSED ADDITION AND POOL
AT
BLOCK 13204
LOT 20
LONG HILL TOWNSHIP
MORRIS COUNTY, NEW JERSEY

DATE: 07/16/20 SCALE: 1"=20' PROJECT NUMBER: PLMC19116
DRN. BY/CHK. BY: MOJO/MSF FIELD BOOK: PLMC19116.ASC SHEET: 1 of 2