

REFERENCE: ORANGE COUNTY GIS (GEOGRAPHICAL INFORMATION SYSTEMS)

**VICINITY MAP**

SCALE: 1" = 500'

2  
1 of 1

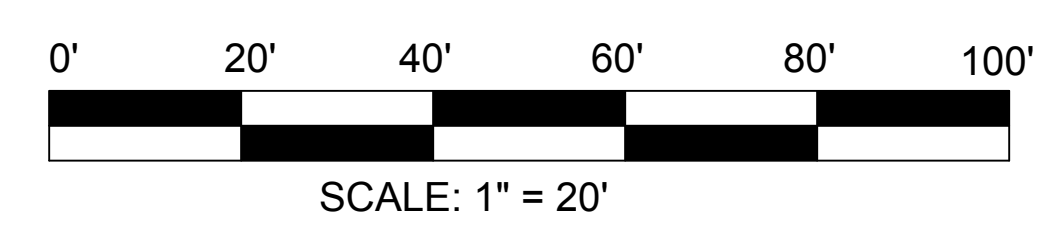
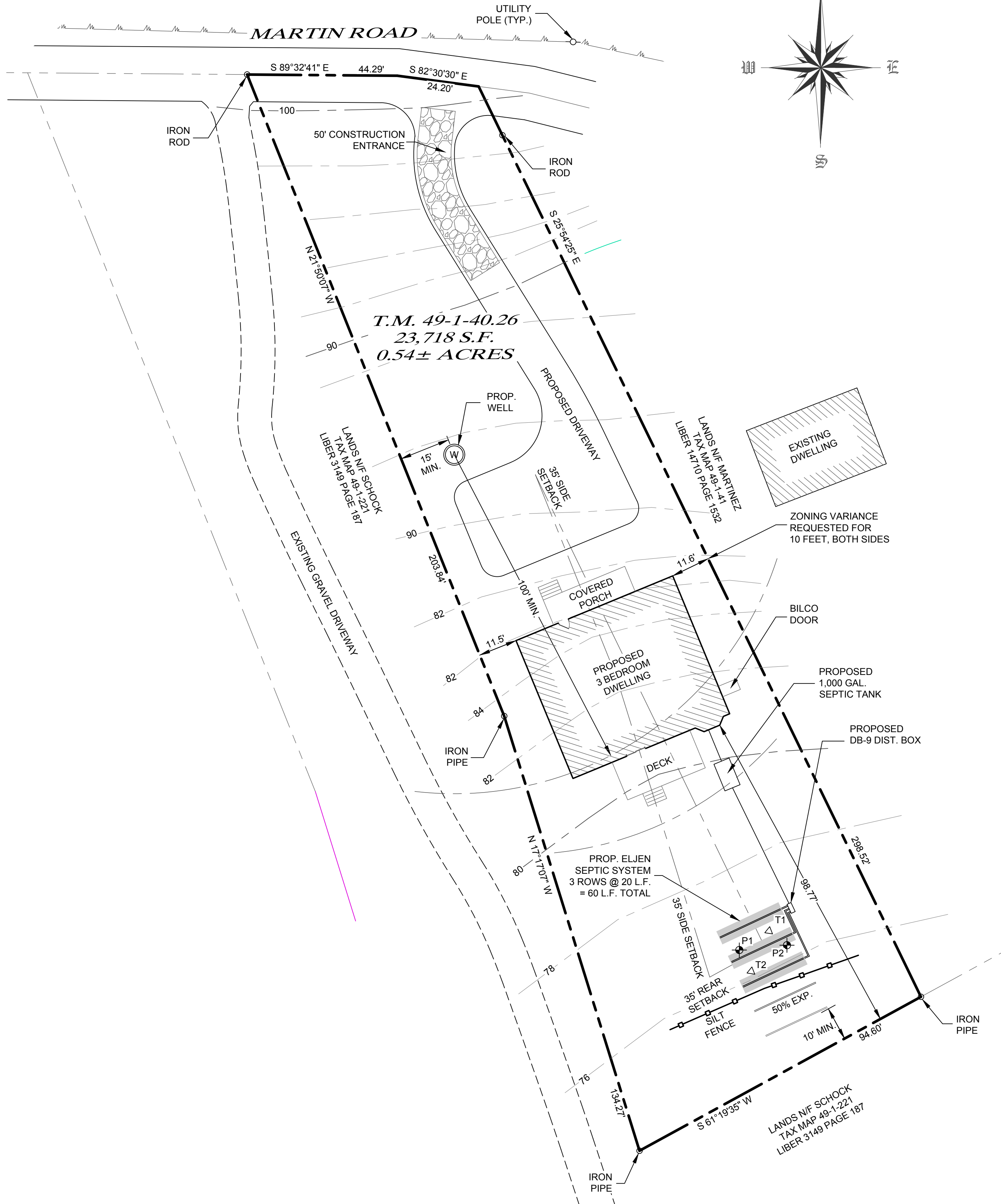
**SANITARY NOTES**

- NO SWIMMING POOLS, DRIVEWAYS, OR OTHER STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD.
- SEPTIC TANKS TO BE REINFORCED CONCRETE. SEE SANITARY REQ. CHART FOR CAPACITY.
- MIN. DISTANCE BUILDING TO ABSORPTION FIELD IS 20'.
- PIPE FROM BUILDING TO SEPTIC TANK TO BE STRAIGHT. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT.
- SEPTIC TANK INLETS TO BE OPPOSITE OUTLETS.
- NO CELLAR, FOOTING OR ROOF DRAINS SHALL DISCHARGE INTO SEPTIC TANKS OR DRAIN FIELDS.
- WELL MUST BE AT LEAST 100 FT. AWAY FROM LOWER TILE FIELD, AND 200 FT. AWAY FROM HIGHER TILE FIELD IN THE DIRECT LINE OF DRAINAGE.
- WHEN WELLS ARE WITHIN 25' OF THE FOOTING DRAIN, THE DISCHARGE PIPE SHOULD BE WATERTIGHT.
- VERIFICATION OF SUITABLE TRENCH BOTTOM SOIL CONDITIONS TO BE MADE BY A LICENSED PROFESSIONAL ENGINEER.
- THE SEWER DISPOSAL SYSTEM SHALL BE DESIGNED, LOCATED AND CONSTRUCTED TO ALLOW FOR A 50% EXPANSION CAPABILITY FOR FUTURE USE.
- THERE SHALL BE NO REGRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS, IN THE AREA OF THE ABSORPTION FIELDS.
- HEAVY EQUIPMENT SHALL BE KEPT OFF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION. THERE SHALL BE NO UNNECESSARY MOVEMENT OF CONSTRUCTION EQUIPMENT IN THE ABSORPTION FIELD AREA BEFORE, DURING OR AFTER CONSTRUCTION. EXTREME CARE MUST BE TAKEN DURING THE ACTUAL CONSTRUCTION SO AS TO AVOID ANY UNDUE COMPACTION THAT COULD RESULT IN A CHANGE OF THE ABSORPTION CAPACITY OF THE SOIL ON WHICH THE DESIGN WAS BASED.
- THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARBAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS, OR WATER CONDITIONERS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM AND REAPPROVED BY THE ORANGE COUNTY HEALTH DEPARTMENT.
- A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER (OR OTHER DESIGN PROFESSIONAL AS ALLOWED BY THE NYS EDUCATION DEPT.) SHALL INSPECT THE SANITARY FACILITIES (WATER SUPPLY, ANY WATER TREATMENT, AND SEWAGE DISPOSAL FACILITIES) AT THE TIME OF CONSTRUCTION. PRIOR TO OCCUPANCY OF THE DWELLING, THE ENGINEER SHALL CERTIFY TO THE ORANGE COUNTY DEPARTMENT OF HEALTH AND THE LOCAL CODE ENFORCEMENT OFFICER THAT THE FACILITIES HAVE BEEN INSTALLED IN ACCORDANCE WITH THE APPROVED PLANS AND THAT ANY SEPTIC TANK JOINTS HAVE BEEN SEALED AND TESTED FOR WATER TIGHTNESS. A COPY OF THE NYSDEC WELL COMPLETION REPORT MUST ALSO BE PROVIDED.

| DEEP PIT TEST RESULTS |                                     |               |                                     |  |
|-----------------------|-------------------------------------|---------------|-------------------------------------|--|
| T1 - 06/04/20         |                                     | T2 - 06/04/20 |                                     |  |
| 0-3"                  | TOPSOIL                             | 0-3"          | TOPSOIL                             |  |
| 3"-24"                | LIGHT BROWN SANDY LOAM W/ ROCK      | 3"-30"        | LIGHT BROWN SANDY LOAM W/ ROCK      |  |
| 24"-72"               | GRAVELLY SAND W/ ROCK               | 30"-72"       | GRAVELLY SAND W/ ROCK               |  |
|                       | NO MOTTLING<br>NO WATER<br>NO LEDGE |               | NO MOTTLING<br>NO WATER<br>NO LEDGE |  |

**PERCOLATION TEST RESULTS**

| DATE     | TEST NO. | DEPTH OF HOLE (IN.) | STABILIZED RATE (MIN.) | DESIGN RATE (MIN.) |
|----------|----------|---------------------|------------------------|--------------------|
| 06/04/20 | P1       | 24                  | 5:45                   | 6-7                |
| 06/04/20 | P2       | 30                  | 1:10                   |                    |



**ZONING PLAN**  
SCALE: 1" = 20'

1  
1 of 1

UNAUTHORIZED ALTERATION OR ADDITIONS TO A PLAN BEARING THE SEAL OF A LICENSED ENGINEER OR LAND SURVEYOR IS A VIOLATION OF SECTION 7209 SUBDIVISION 2 OF THE NEW YORK STATE EDUCATION LAW.  
COPIES OF THIS DOCUMENT WITHOUT A FACSIMILE OF THE SIGNATURE AND AN ORIGINAL EMBOSSED SEAL OR ORIGINAL STAMP IN BLUE OR RED INK OF THE PROFESSIONAL ENGINEER OR LAND SURVEYOR SHALL NOT BE CONSIDERED VALID COPIES.

**REFERENCE MAPS:**

MAP ENTITLED, "SURVEY MAP OF LAND PREPARED MARTELL HOME BUILDERS", BY CONRAD, CLOSE & EWALD, PROFESSIONAL LAND SURVEYORS, P.C., DATED APRIL 4, 2000, LATEST REVISION DATE JULY 10, 2000, AS DRAWING NUMBER 8970A.

MAP ENTITLED, "SEWAGE DISPOSAL SYSTEM DESIGN, LANDS OF MARTELL HOME BUILDERS, INC." PREPARED BY JOSEPH GOTTLIEB, P.E., P.C., DATED 8/09/00, AS JOB NUMBER 99-118.

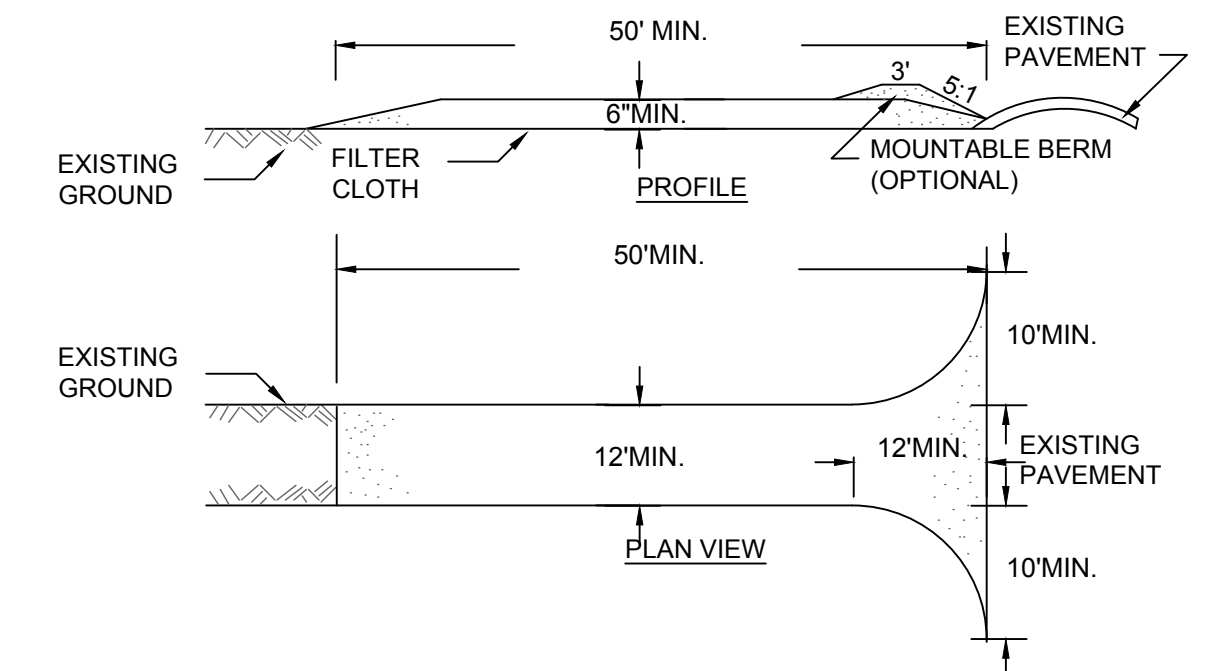
**LEGEND**

- PROPERTY MARKERS
- ⊙ PROPOSED WELL
- N/F NOW OR FORMERLY
- ⊕ UTILITY POLE
- OVERHEAD UTILITIES
- CONTOUR LINES
- PROPOSED DRIVEWAY
- PROPOSED CONSTRUCTION ENTRANCE
- PROPERTY LINE
- SETBACK LINE
- ▨ EXISTING DWELLING
- ▨ PROPOSED DWELLING
- PROPOSED SEPTIC TANK
- ▨ PROPOSED SEPTIC SYSTEM LOCATION
- △ APPROXIMATE LOCATION OF SOIL TESTING
- SILT FENCE

**GENERAL NOTES**

- OWNER OF RECORD / APPLICANT: PEENPACK SAND & GRAVEL, 96 LYBOLT ROAD, HUGENOT, NY 12746
- TAX MAP DESIGNATION: SECTION 49 BLOCK 1 LOT 40.26
- PARCEL ZONED: HM-U (HAMLET/MIXED USE DISTRICT)
- TOTAL AREA: 23,718 S.F. / 0.54± ACRES

NOTE: ENTIRE PARCEL CONSISTS OF SXC SOILS PER THE ORANGE COUNTY GIS (GEOGRAPHICAL INFORMATION SYSTEMS) WEBSITE



**CONSTRUCTION SPECIFICATIONS**

- STONE SIZE = USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
- LENGTH = NOT LESS THAN FIFTY (50) FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- THICKNESS = NOT LESS THAN SIX (6) INCHES.
- WIDTH = TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR. TWENTY-FOUR (24) FEET IF SINGLE ENTRANCE TO SITE.
- FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
- MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**CONSTRUCTION ENTRANCE**

SCALE: N. T. S.

3  
1 of 1

| REVISIONS |     |              |          |          |
|-----------|-----|--------------|----------|----------|
| DWN BY    | REV | DESCRIPTION  | DATE     | APPROVED |
| DL        | 0   | FOR APPROVAL | 07/01/20 |          |

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LAUREN SCHOCK  
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SECTION 49 BLOCK 1 LOT 40.26  
TOWN OF DEERPARK, NY

DWG TITLE: **ZONING PLAN** DWG NO: **1 of 1**

SCALE: AS NOTED JOB NO. 2713.001