NOTES:

1. THIS MAP IS NOT A SURVEY.
2. THE PURPOSE OF THIS MAP IS FOR OBTAINING A PERMIT FROM THE BOROUGH OF SEA BRIGHT FOR THE CONSTRUCTION OF A SINGLE FAMILY DWELLING WITH APPURTENANT SITE IMPROVEMENTS.
3. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON TAKEN FROM A CERTAIN PLAN ENTITLED "BOUNDARY AND TOPOGRAPHIC SURVEY, LOT 7.01, BLOCK 27, BOROUGH OF SEA BRIGHT, COUNTY OF MONMOUTH, NEW JERSEY," PREPARED BY MORGAN ENGINEERING & SURVEYING, LLC, DATED 2/7/22.
4. PER THE STATE OF NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION BUREAU OF GIS' NJ-GEOWEB INTERACTIVE MAPPING APPLICATION, WETLANDS DO NOT APPEAR TO EXIST ON THE SUBJECT PROPERTY.
5. PROPERTY IS LOCATED IN FLOOD ZONE AE ELEV. 8 AS SHOWN ON CURRENT FIRM MAP #34025C0088H, DATED 6/15/2022.
6. EXISTING UTILITIES TO BE MARKED OUT PRIOR TO THE START OF CONSTRUCTION.
7. ALL ELEVATIONS ARE IN NAVD 1988 DATUM THROUGH GPS OBSERVATIONS USING LEICA RTK GPS NETWORK.
8. THIS PROPERTY LOCATED WITHIN THE R-2 ZONE. ZONE CONFIRMED BY MUNICIPAL ZONING OFFICE ON 6/22/22.
9. ALL ROOF LEADERS SHALL BE DIRECTED TOWARDS WILLOW WAY.
10. NO ROOF DRAIN RUNOFF SHALL BE DIRECTED TO ADJACENT PROPERTIES.
11. EXISTING SANITARY SERVICE LINE TO BE RE-USED.

ZONE R-2 REQUIREMENTS

	REQUIRED	EXISTING	PROPOSED
MIN. LOT AREA	4,000 S.F.	6,090 S.F.	N.C.
MIN. LOT WIDTH	50 FT.	87 FT.	N.C.
MIN. LOT DEPTH	60 FT.	70 FT.	N.C.
MIN. FRONT SETBACK	25 FT.	13 FT.*	17.2 FT.**
MIN. SIDE SETBACK	7 FT.	2.3 FT.*	7 FT.
MIN. COMBINED SIDE SETBACK	15 FT.	52.7 FT.	30.1 FT.
MIN. REAR SETBACK	15 FT.	11.2 FT.*	15 FT.
MAX. BUILDING HEIGHT			
FEET	38 FT.***	18.49 FT.	39 FT.**
STORIES	2.5 STY.	1 STY.	3 STY.**
MAX. BUILDING COVERAGE	50%	28.8%	28.6%
MAX. LOT COVERAGE	70%	72.1%*	37.8%
MIN. GROSS FLOOR AREA	880 S.F.	EXISTING	4,764 S.F.

* – EXISTING NON-CONFORMING TO BE REDUCED
** – VARIANCE PROVIDED
*** – WHEN A STRUCTURE IS BUILT OR RAISED TO A MINIMUM OF THREE FEET ABOVE BASE FLOOD ELEVATION, THEN THE HEIGHT LIMIT OF THE STRUCTURE SHALL BE REVISED TO 38 FEET IN BUILDING HEIGHT PER BOROUGH OF SEA BRIGHT SCHEDULE OF LOT AND BUILDING REQUIREMENTS (§ 130-39C, LAST AMENDED 3/17/2015 BY ORD. NO. 3-2015) NOTE 2.
N.C. – NO CHANGE

GROSS FLOOR AREA

DESCRIPTION	PROPOSED
GROUND FLOOR	1,216 S.F.
FIRST FLOOR	1,406 S.F.
SECOND FLOOR	1,406 S.F.
THIRD FLOOR	736 S.F.
TOTAL FLOOR AREA	4,764 S.F.

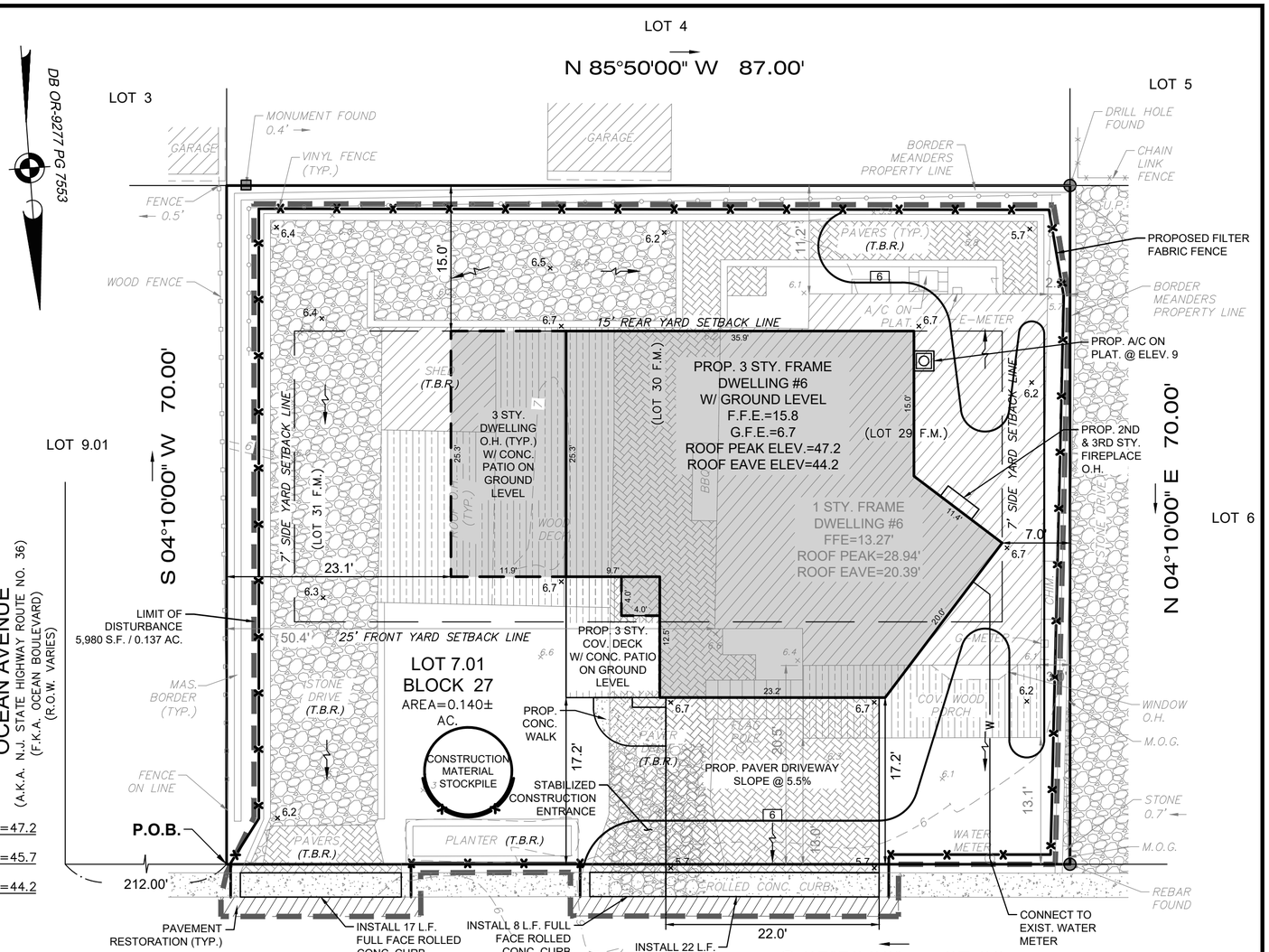
BUILDING COVERAGE

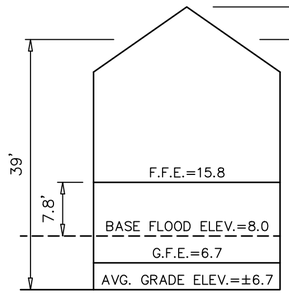
DESCRIPTION	EXISTING	PROPOSED
DWELLING (INC.)	1,234 S.F.	1,633 S.F.
COV. PORCH (EXC.)	174 S.F.	0 S.F.
COV. DECK (EXC.)	–	104 S.F.
A/C PLATFORM	11 S.F.	4 S.F.
SHED (INC.)	336 S.F.	0 S.F.
BUILDING LOT COVERAGE	1,755 S.F.	1,741 S.F.
LOT AREA	6,090 S.F.	
TOTAL BUILDING LOT COVERAGE	28.8%	28.6%

INC. – INCLUDES AREA UNDER OVERHANGS
EXC. – EXCLUDES AREA UNDER OVERHANGS

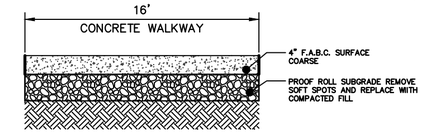
IMPERVIOUS COVERAGE

DESCRIPTION	EXISTING	PROPOSED
DWELLING + CHIM. (INC.)	1,243 S.F.	1,639 S.F.
COV. PORCH + STEPS (EXC.)	214 S.F.	0 S.F.
DECK (EXC.)	349 S.F.	104 S.F.
A/C PLATFORM	11 S.F.	4 S.F.
SHED (INC.)	336 S.F.	0 S.F.
PAVERS	837 S.F.	379 S.F.
STONE DRIVE	1,026 S.F.	0 S.F.
CONC. (EXC.)	–	30 S.F.
BORDERS	356 S.F.	143 S.F.
BBQ	21 S.F.	0 S.F.
IMPERVIOUS LOT COVERAGE	4,393 S.F.	2,299 S.F.
LOT AREA	6,090 S.F.	
TOTAL IMPERVIOUS LOT COVERAGE	72.1%	37.8%



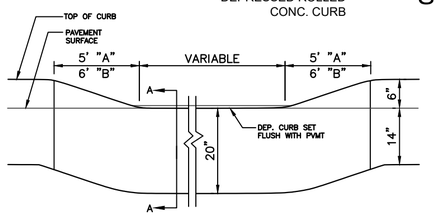


BUILDING HEIGHT DETAIL
N.T.S.



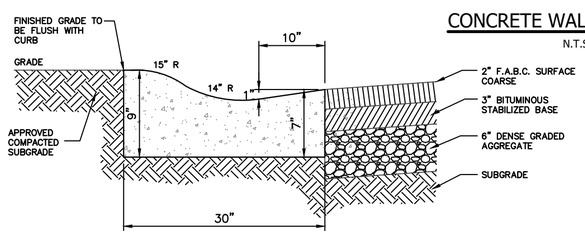
NOTES:
1. CONCRETE FOR WALKWAY CONSTRUCTION TO BE 4500 P.S.I TYPE D
2. EXPANSION JOINTS AT 20 FOOT INTERVALS.
3. CONSTRUCTION JOINTS AT 10 FOOT INTERVALS.
4. #10 DEFORMED STEEL BAR FOR LONGITUDINAL AND TRANSVERSE AT 10" ON CENTER, BOTH WAYS.

CONCRETE WALKWAY DETAIL
N.T.S.



NOTES:
1. SECTION A: SEE VALLEY CURB DETAIL

TYPICAL ACCESSIBLE DEPRESSED VALLEY CURB DETAIL
N.T.S.



NOTES:
1. CONCRETE FOR CURB CONSTRUCTION TO BE 4000 P.S.I TYPE B
2. EXPANSION JOINTS AT 20 FOOT INTERVALS.
3. CONSTRUCTION JOINTS AT 10 FOOT INTERVALS.

VALLEY CURB DETAIL
N.T.S.

10 0 10 20
SCALE IN FEET
(1"=10')

PREPARED FOR: *MICHAEL TATELMAN*

"THE OWNER OR HIS/HER DESIGNATED REPRESENTATIVE SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF CONDITIONS ARE ENCOUNTERED ON-SITE CONTRARY TO THOSE DEPICTED ON THIS PLAN. THE UNDERSIGNED PROFESSIONAL SHALL BE GRANTED ACCESS TO THE SITE AND PROVIDED ADEQUATE TIME TO REVIEW AND, IF NECESSARY, AMEND THE DESIGN BASED UPON THE OBSERVED SITE CONDITIONS."

REV	DATE	DESCRIPTION	BY
2	8/22/22	REVISED PER TOWNSHIP ENGINEER	DAP
1	7/28/22	REVISED PER TOWNSHIP ENGINEER	DAP

CERTIFICATE OF AUTHORIZATION: 24GA28229800
MORGAN engineering & surveying
P.O. BOX 5232
TOMS RIVER, N.J. 08754
TEL: 732-270-9690
FAX: 732-270-9691
www.morganengineeringllc.com

MATHEW R. WILDER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE No. 50652

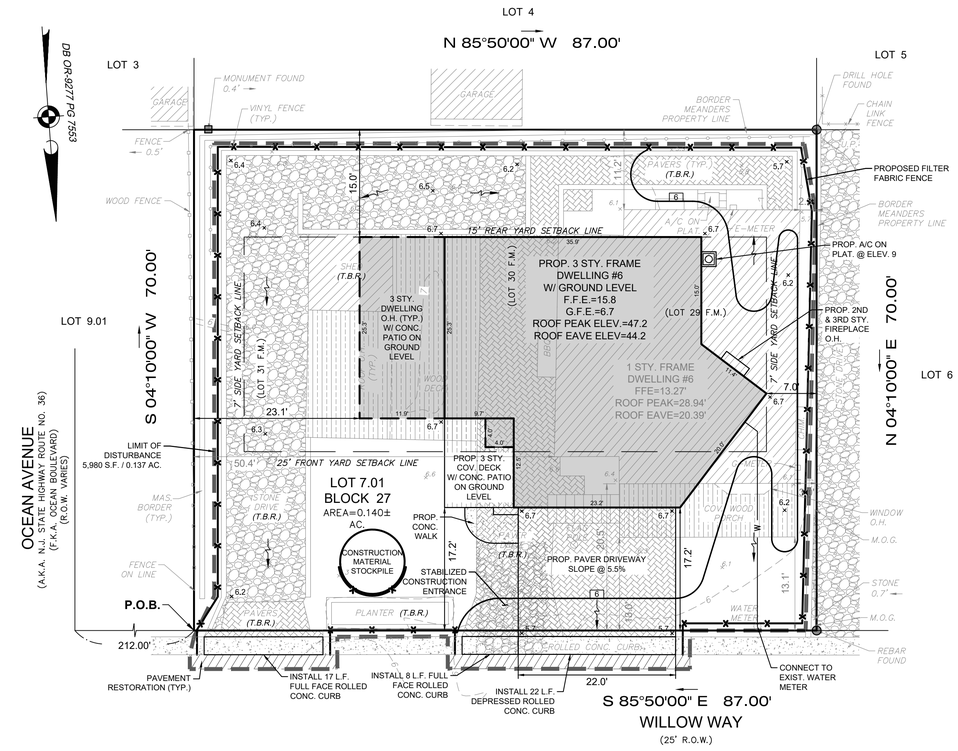
BUILDING PERMIT
PLOT PLAN
#6 WILLOW WAY

LOT 7.01 **BLOCK 27**

BOROUGH OF SEA BRIGHT

COUNTY OF MONMOUTH **NEW JERSEY**

Scale:	Drawn By:	Date:	JOB #.	CAD File #	Sheet #
1"=10'	DAP	6/20/22	E22-00348	PLOTPLAN	1 OF 1



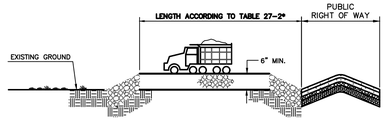
SEQUENCE OF CONSTRUCTION

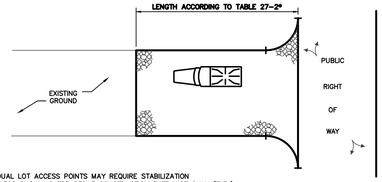
INSTALLATION OF SEDIMENT FABRIC PRIOR TO ANY LAND DISTURBANCE.	1 DAY
CONSTRUCT VEHICLE CONSTRUCTION ENTRANCE WHERE CONSTRUCTION TRAFFIC ENTERS PAVED ROADWAYS.	1 DAY
SITE GRADING, CLEARING SITE AS SHOWN ON THIS PLAN SHEET WITH APPROPRIATE EROSION CONTROL FACILITIES.	1 WEEK
MAINTENANCE OF SOIL EROSION AND SEDIMENT CONTROL.	1 DAY
CONSTRUCTION OF SINGLE FAMILY DWELLINGS AND VARIOUS OTHER SITE IMPROVEMENTS.	6 MONTHS
REGRADING AND STABILIZATION OF LAWN AREAS.	2 DAYS
INSTALLATION OF 5" SCREENED TOP SOIL IN AREA DESIGNED FOR TESTING	1 DAY
SOIL TESTING IN DESIGNATED TESTING AREAS AS SHOWN ON THE SOIL MANAGEMENT AND PREPARATION PLAN PREPARED BY MORGAN ENGINEERING, DATED 8/10/18.	1 DAY
REMOVAL OF SOIL EROSION AND SEDIMENT CONTROL FACILITIES WHEN PERMANENT EROSION CONTROL MEASURES ARE ACCEPTED BY THE TOWNSHIP ENGINEER.	3 DAY

PERCENT SLOPE OF ROADWAY	LENGTH OF STONE REQUIRED	
	COARSE GRAINED SOILS	FINE GRAINED SOILS
0 TO 2%	50 FT.	100 FT.
2 TO 5%	100 FT.	200 FT.
>5%	ENTIRE SURFACE STABILIZED WITH FABC BASE COURSE *	

* AS PRESCRIBED BY LOCAL ORDINANCE OR OTHER GOVERNMENT AUTHORITIES.

NOTE:
PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC R.O.W.





NOTE:
* INDIVIDUAL LOT ACCESS POINTS MAY REQUIRE STABILIZATION THICKNESS SHOWN IS FPR STONE CONSTRUCTION ENTRANCE ONLY (TYP.)

STABILIZIED CONSTRUCTION ACCESS

N.T.S.

SOIL INFORMATION TAKEN FROM USDA NATURAL RESOURCES CONSERVATION SERVICE WEB SOIL SURVEY, MONMOUTH COUNTY, NJ

SOIL MAP

SCALE: NTS

FREEHOLD COUNTY SOIL CONSERVATION DISTRICT

211 FREEHOLD ROAD, MANALAPAN,NEW JERSEY 07726
TELEPHONE NUMBER : (732)-446-2300
FAX NUMBER : (732)-446-9140

GENERAL NOTES

TRACT AREA:.....0.140 ACRES
AREA OF DISTURBANCE.....0.137 ACRES
SOIL MANAGEMENT RESTORATION AREA.....0.048 ACRES

SITE SOILS:
100% USBROA – URBAN LAND–BROCKATONORTON COMPLEX, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED

SOIL EROSION AND SEDIMENT CONTROL NOTES

1. THE FREEHOLD SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED FORTY–EIGHT (48) HOURS IN ADVANCE OF ANY LAND DISTURBING ACTIVITY.
2. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
3. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FRO RECERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
4. IN THAT N.J.S.A. 4:24–39 ET.SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE THE DISTRICT DETERMINES THAT A PROJECT OR PORTION THEREOF IS IN FULL COMPLIANCE WITH THE CERTIFIED PLAN AND STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY AND A REPORT OF COMPLIANCE HAS BEEN ISSUED. UPON WRITTEN REQUEST FROM THE APPLICANT, THE DISTRICT MAY ISSUE A REPORT OF COMPLIANCE WITH CONDITIONS ON A LOT–BY–LOT OR SECTION–BY–SECTION BASIS PROVIDED THAT THE PROJECT OR PORTION THEREOF IS IN SATISFACTORY COMPLIANCE WITH THE SEQUENCE OF DEVELOPMENT AND TEMPORARY MEASURES FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEEN IMPLEMENTED, INCLUDING PROVISIONS FOR STABILIZATION AND SITE WORK.
5. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED FOR MORE THAN SIXTY (60) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF 2–2½ TONS PER ACRE, ACCORDING TO THE STANDARD FOR STABILIZATION WITH MULCH ONLY.
6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A AND A MULCH ANCHOR IN ACCORDANCE TO STATE STANDARDS.
7. A SUB–BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS TO STABILIZE STREETS, ROADS, DRIVEWAYS, AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB–BASE SHALL BE INSTALLED WITHIN FIFTEEN (15) DAYS OF PRELIMINARY GRADING.
8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A PAD OF CLEAN CRUSHED STONE AT POINTS WHERE TRAFFIC WILL BE ACCESSING THE CONSTRUCTION SITE. AFTER INTERIOR ROADWAYS ARE PAVED, INDIVIDUAL LOTS REQUIRE A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF 1" – 2" STONE FOR A MINIMUM LENGTH OF 10' EQUAL TO THE LOT ENTRANCE WIDTH. ALL OTHER ACCESS POINTS SHALL BE BLOCKED OFF.
9. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO THE PUBLIC RIGHT–OF–WAYS WILL BE REMOVED IMMEDIATELY.
10. PERMANENT VEGETATION IS TO BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING.
11. AT THE TIME THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT IT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON–VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
12. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE ULTIMATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT THE RATE OF 10 TONS/ACRE, (OR 450 LBS/SQ FT OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12" OF SETTLED SOIL WITH A PH OF 5 OR MORE, OR 24" WHERE TREES OR SHRUBS ARE TO BE PLANTED.
13. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
14. UNFILTERED DEWATERING IS NOT PERMITTED. NECESSARY PRECAUTIONS MUST BE TAKEN DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ANY DEWATERING METHODS USED MUST BE IN ACCORDANCE WITH STANDARD FOR DEWATERING.
15. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED AS REQUIRED BY THE STANDARD FOR DUST CONTROL.
16. STOCKPILE AND STAGING LOCATIONS ESTABLISHED IN THE FIELD SHALL BE PLACED WITHIN THE LIMIT OF DISTURBANCE ACCORDING TO THE CERTIFIED PLAN. STAGING AND STOCKPILES NOT LOCATED WITHIN THE LIMIT OF DISTURBANCE WILL REQUIRE CERTIFICATION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN. CERTIFICATION OF A NEW SOIL EROSION AND SEDIMENT CONTROL PLAN MAY BE REQUIRED FOR THESE ACTIVITIES IF AN AREA GREATER THAN 5,000 SQUARE FEET IS DISTURBED.
17. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #6.
18. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORM WATER OUTFALLS OR OFF SITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

SEEDING SCHEDULE

1. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEED BED PREPARATION, SEEDING AND MULCH APPLICATION.
2. TEMPORARY SEEDING SHALL CONSIST OF EITHER:

COOL SEASON GRASSES	RATES	SEEDING DATES	DEPTHS
PERENIAL RYEGRASS	1.0 LBS./S.F.	3/1–5/15 OR 8/15–10/1	0.5 IN.
SPRING OATS	2.0 LBS./S.F.	3/1–5/15 OR 8/15–10/1	1.0 IN.
WINTER BARLEY	2.2 LBS./S.F.	8/15–10/1	1.0 IN.
WINTER CEREAL RYE	2.8 LBS./S.F.	8/1–11/15	1.0 IN.
WARM SEASON GRASSES			
PEARL MILLET	0.5 LBS./S.F.	5/15–8/15	1.0 IN.
MILLET (GERMAN OR HUNGARIAN)	0.7 LBS./S.F.	5/15–8/15	1.0 IN.

3. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN THIRTY (30) DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH UNROTTED SMALL GRAIN STRAW, HAY FREE OF SEEDS, OR SALT HAY TO BE APPLIED AT THE RATE OF 1–1/2 TO 2 TONS PER ACRE (70 TO 90 LBS. PER 1,000 S.F.), EXCEPT WHERE A CRIMPER IS USED INSTEAD OF A LIQUID MULCH–BINDER (TACKIFYING OR ADHESIVE AGENT), THE RATE OF APPLICATION IS 3 TONS PER ACRE. MULCH CHOPPER–BLOWERS MUST NOT GRIND THE MULCH.
4. THE REVISED STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY REQUIRE APPLICANTS TO PERFORM A SOIL TEST TO DETERMINE THE LIME APPLICATION RATE PRIOR TO PERMANENT STABLIZATION. APPLY FERTILIZER AT A RATE OF 500 LBS PER ACRE OR 11 LBS PER 1,000 SF USING 10–10–10.
5. REMOVE FROM THE SURFACE ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION. REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, LUMPS OR ANY OTHER UNSUITABLE MATERIAL.
6. PERMANENT GROUND COVER OF SODDING OR SEEDING SHALL CONSIST OF THE FOLLOWING MIXTURE OR APPROVED EQUAL:

SEEDING	RATES
TALL FESCUE	6.0 LBS./1,000 S.F. OR 265 LBS/ACRE
KENTUCKY BLUEGRASS (BLEND)	0.5 LBS./1,000 S.F. OR 20 LBS/ACRE
PERENIAL RYEGRASS (BLEND)	0.5 LBS./1,000 S.F. OR 20 LBS/ACRE

OPTIMAL SEEDING DATES: 8/15–10/1
ACCEPTABLE SEEDING DATES: 2/1–4/30 AND 5/1–8/14*
* ONLY IF PROPERTY IS IRRIGATED
SEED TO A DEPTH OF 0.5 IN.

7. THE SEEDING SHOULD BE FIRMED FOLLOWING SEEDING OPERATIONS WITH A ROLLER OR LIGHT DRAG.
8. STRAW MULCH IS REQUIRED ON ALL SEEDING AND MUST BE ANCHORED (TACKED) ACCORDING TO CURRENT STATE ISTANDARDS.

NOTE: MULCHING IS REQUIRED ON ALL SEEDING

STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION

1. SITE PREPARATION

A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION, AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING.

B. IMMEDIATELY PRIOR TO SEEDING AND TOPSOIL APPLICATION, THE SUBSOIL SHALL BE EVALUATED FOR COMPACTION IN ACCORDANCE WITH THE STANDARD FOR LAND GRADING.

C. TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING THE SOIL STRUCTURE. A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED) IS REQUIRED ON ALL SITES. TOPSOIL SHALL BE AMENDED WITH ORGANIC MATTER, AS NEEDED, IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING.

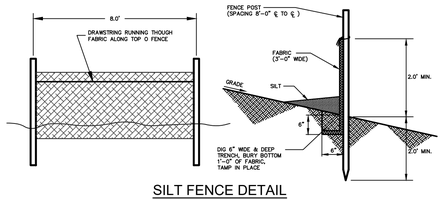
D. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, GRADE–STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASIN, AND WATERWAYS, AS APPLICABLE.

2. SEEDBED PREPARATION

A. UNIFORMLY APPLY GROUND LIMESTONE AND FERTILIZER TO TOPSOIL WHICH HAS BEEN SPREAD AND FIRMED, ACCORDING TO SOIL TEST RECOMMENDATIONS SUCH AS OFFERED BY RUTGERS CO–OPERATIVE EXTENSION SERVICE. SOIL SAMPLE MAILERS ARE AVAILABLE FROM THE LOCAL RUTGERS CO– OPERATIVE EXTENSION OFFICES, (HTTP://NJAES.RUTGERS.EDU/COUNTY/). FERTILIZER SHALL BE APPLIED AT A RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SF OF 10–10–10, OR EQUIVALENT WITH 50% WATER INSOLUBLE NITROGEN UNLESS A SOIL TEST INDICATES OTHERWISE AND INCORPORATED INTO THE SURFACE 4 INCHES. IF FERTILIZER IS NOT INCORPORATED, APPLY ONE–HALF THE RATE DESCRIBED ABOVE DURING SEEDBED PREPARATION AND REPEAT ANOTHER ONE–HALF APPLICATION OF THE SAME FERTILIZER WITHIN 3 TO 5 WEEKS AFTER SEEDING.

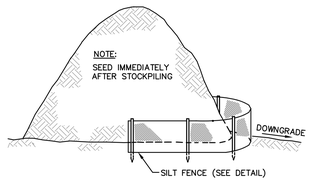
B. WORK LIME AND FERTILIZER INTO THE TOPSOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRING TOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISKING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLE UNIFORM SEED BED IS PREPARED.

C. HIGH ACIDIC PRODUCING SOIL. SOILS HAVING A PH OF 4 OR LESS, OR CONTAINING IRON SULFIDE SHALL BE COVERED WITH A MINIMUM OF 12 INCHES OF SOIL HAVING A PH OF 5 OR MORE BEFORE INITIATING SEEDBED PREPARATION. SEE STANDARD FOR MANAGEMENT OF HIGH ACID–PRODUCING SOILS FOR SPECIFIC REQUIREMENTS.



SILT FENCE DETAIL

N.T.S.



TYPICAL TOPSOIL STOCKPILE

10 0 10 20
SCALE IN FEET
(1"=10')

PREPARED FOR: *MICHAEL TATELMAN*

"THE OWNER OR HIS/HER DESIGNATED REPRESENTATIVE SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF CONDITIONS ARE ENCOUNTERED ON-SITE CONTRARY TO THOSE DEPICTED ON THIS PLAN. THE UNDERSIGNED PROFESSIONAL SHALL BE GRANTED ACCESS TO THE SITE AND PROVIDED ADEQUATE TIME TO REVIEW AND, IF NECESSARY, AMEND THE DESIGN BASED UPON THE OBSERVED SITE CONDITIONS."

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2	8/22/22	REVISED PER TOWNSHIP ENGINEER	DAP
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MATHEW R. WILDER
NEW JERSEY PROFESSIONAL ENGINEER LICENSE No. 50652

SOIL EROSION & SEDIMENT CONTROL PLAN

#6 WILLOW WAY

LOT 7.01 **BLOCK 27**

BOROUGH OF SEA BRIGHT

COUNTY OF MONMOUTH **NEW JERSEY**

Scale:	Drawn By:	Date:	JOB #:	CAD File #:	Sheet #
1"=10'	DAP	6/20/22	E22-00348	PLOTPLAN	1 OF 1

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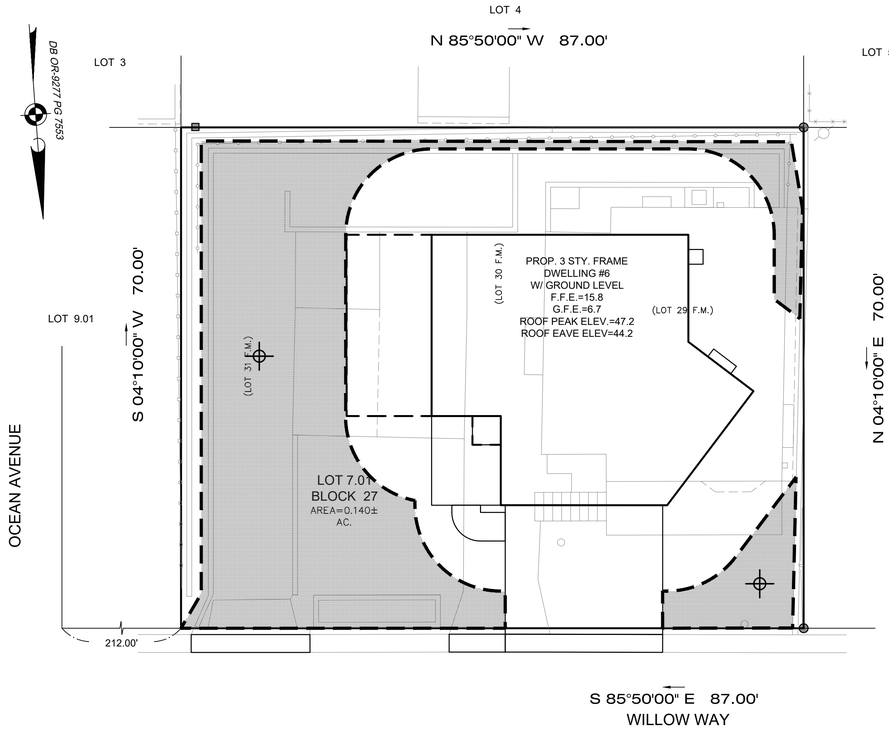


SOIL RESTORATION NOTES REQUIRED ON PLANS
SOIL DE-COMPACTION AND TESTING REQUIREMENTS

SOIL COMPACTION TESTING REQUIREMENTS

1. SUBGRADE SOILS PRIOR TO THE APPLICATION OF TOPSOIL (SEE PERMANENT SEEDING AND STABILIZATION NOTES FOR TOPSOIL REQUIREMENTS) SHALL BE FREE OF EXCESSIVE COMPACTION TO A DEPTH OF 6.0 INCHES TO ENHANCE THE ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.
2. AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN. SEE EXAMPLE SITE PLAN AT: HTTP://WWW.NJ.GOV/AGRICULTURE/DIVISIONS/ANR/NRC/NJEROSION.HTML
3. COMPACTION TESTING LOCATIONS ARE DENOTED ON THE PLAN. A COPY OF THE PLAN OR PORTION OF THE PLAN SHALL BE USED TO MARK LOCATIONS OF TESTS, AND ATTACHED TO THE SOIL COMPACTION MITIGATION VERIFICATION FORM, AVAILABLE FROM THE LOCAL SOIL CONSERVATION DISTRICT OR HTTP://WWW.NJ.GOV/AGRICULTURE/DIVISIONS/ANR/NRC/NJEROSION.HTML. THIS FORM MUST BE FILLED OUT, AND SUBMITTED PRIOR TO RECEIVING A CERTIFICATE OF COMPLIANCE FROM THE DISTRICT.
4. IN THE EVENT THAT TESTING INDICATES COMPACTION IN EXCESS OF THE MAXIMUM THRESHOLDS INDICATED FOR THE SIMPLIFIED TESTING METHODS (SEE DETAILS BELOW), THE CONTRACTOR/OWNER SHALL HAVE THE OPTION TO PERFORM EITHER (1) COMPACTION MITIGATION OVER THE ENTIRE MITIGATION AREA DENOTED ON THE PLAN (EXCLUDING EXEMPT AREAS), OR (2) PERFORM ADDITIONAL, MORE DETAILED TESTING TO ESTABLISH THE LIM-ITS OF EXCESSIVE COMPACTION WHEREUPON ONLY THE EXCESSIVELY COMPACTED AREAS WOULD REQUIRE COMPADION MITIGATION. ADDITIONAL DETAILED TESTING SHALL BE PERFORMED BY A TRAINED, LICENSED PROFESSIONAL.

COMPACTION TESTING METHODS

A. PROBING WIRE TEST (SEE DETAIL)
B. HAND-HELD PENETROMETER TEST (SEE DETAIL)
C. TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED
D. NUCLEAR DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)

NOTE: ADDITIONAL TESTING METHODS WHICH CONFORM TO ASTM STANDARDS AND SPECIFICATIONS, AND WHICH PRODUCE A DRY WEIGHT, SOIL BULK DENSITY MEASUREMENT MAY BE ALLOWED SUBJECT TO DISTRICT APPROVAL.

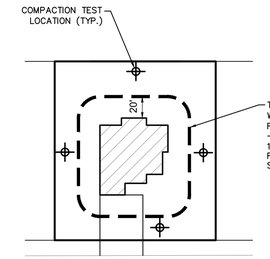
SOIL COMPACTION TESTING IS NOT REQUIRED IF/WHEN SUBSOIL COMPACTION REMEDIATION (SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) OR SIMILAR) IS PROPOSED AS PART OF THE SEQUENCE OF CONSTRUCTION.

PROCEDURES FOR SOIL COMPACTION MITIGATION

PROCEDURES SHALL BE USED TO MITIGATE EXCESSIVE SOIL COMPACTION PRIOR TO PLACEMENT OF TOPSOIL AND ESTABLISHMENT OF PERMANENT VEGETATIVE COVER.

RESTORATION OF COMPACTED SOILS SHALL BE THROUGH DEEP SCARIFICATION/TILLAGE (6" MINIMUM DEPTH) WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.). IN THE ALTERNATIVE, ANOTHER METHOD AS SPECIFIED BY A NEW JERSEY LICENSED PROFESSIONAL ENGINEER MAYBE SUBSTITUTED SUBJECT TO DISTRICT APPROVAL.

EFFECTIVE DATE 12/7/2017



A. SINGLE FAMILY UNIT

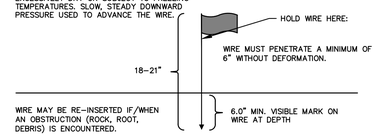
NOTE:
SOIL COMPACTION TESTING LOCATIONS IDENTIFIED ARE RECOMMENDED LOCATIONS FOR GRADED/DISTURBED AREAS WITHIN THE VICINITY OF BUILDINGS AND STRUCTURES OR ON INDIVIDUAL LOTS. FOR GRADED/DISTURBED AREAS WITHIN OPEN OR COMMON SPACES, SOIL COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE FREQUENCY LISTED IN THE LEGEND (THIS SHEET).

TYPICAL SOIL COMPACTION TESTING LOCATIONS

N.T.S.

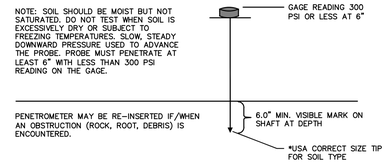
PROBING WIRE TEST- 15.5 GA STEEL WIRE (SURVEY FLAG)

NOTE: SOIL SHOULD BE MOIST BUT NOT SATURATED. DO NOT TEST WHEN SOIL IS EXCESSIVELY DRY OR SUBJECT TO FREEZING TEMPERATURES. SLOW, STEADY DOWNWARD PRESSURE USED TO ADVANCE THE WIRE.



HAND HELD SOIL PENETROMETER TEST

NOTE: SOIL SHOULD BE MOIST BUT NOT SATURATED. DO NOT TEST WHEN SOIL IS EXCESSIVELY DRY OR SUBJECT TO FREEZING TEMPERATURES. SLOW, STEADY DOWNWARD PRESSURE USED TO ADVANCE THE PROBE. PROBE MUST PENETRATE AT LEAST 6" WITH LESS THAN 300 PSI READING ON THE GAGE.



LEGEND

SOIL COMPACTION TESTING AREAS

RECOMMENDED SOIL COMPACTION TEST LOCATION (APPROX. 1/0.5 ACRES)

10 0 10 20
SCALE IN FEET
(1"=10')

GENERAL NOTES

TRACT AREA.....0.140 ACRES
AREA OF DISTURBANCE.....0.137 ACRES
SOIL MANAGEMENT RESTORATION AREA.....0.048 ACRES

SITE SOILS:
100% USBROA – URBAN LAND-BROCKATONORTON COMPLEX, 0 TO 2 PERCENT SLOPES, OCCASIONALLY FLOODED

PREPARED FOR: *MICHAEL TATELMAN*

"THE OWNER OR HIS/HER DESIGNATED REPRESENTATIVE SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF CONDITIONS ARE ENCOUNTERED ON-SITE CONTRARY TO THOSE DEPICTED ON THIS PLAN. THE UNDERSIGNED PROFESSIONAL SHALL BE GRANTED ACCESS TO THE SITE AND PROVIDED ADEQUATE TIME TO REVIEW AND, IF NECESSARY, AMEND THE DESIGN BASED UPON THE OBSERVED SITE CONDITIONS."

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SOIL MANAGEMENT AND PREPARATION PLAN

#6 WILLOW WAY

LOT 7.01 **BLOCK 27**

BOROUGH OF SEA BRIGHT

COUNTY OF MONMOUTH **NEW JERSEY**

MATHEW R. WILDER
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