

%6"x½" LONG PIN HEAD

BOLT W/ NUTS & LOCK

ALL ACCESSIBLE PARKING

ON WHITE BACKGROUND)

- WHITE SYMBOL WITH

AZURE BLUE FIELD

WHITE BACKGROUND)

WORDING AS REQUIRED BY

SIGN POST FOUNDATION DETAIL

SPACES (GREEN LETTERING

WASHERS

ADA - VAN

**ACCESSIBLE SIGN DETAIL** 

SCALE: N.T.S.

RESERVE

**PARKING** 

VAN

**ACCESSIBLE** 

2" FABC-2 SURFACE COURSE

- 5" STABILIZED BASE, PLACED

3" QUARRY PROCESS STONE

SPAYED WITH PRIME COAT

ASPHALTIC OIL (MC-30)

COMPACTED SUB-GRADE

@0.3 GALLONS/S.Y.

**REFERENCES** 

DATED NOVEMBER 15, 2019

DATED FEBRUARY 5, 2020

SURVEY OF PROPERTY PREPARED BY:

**FACADE AND INTERIOR RENOVATIONS** PREPARED BY: GMG ARCHITECTURE

ARTHUR SCHAPPELL JR. NJ PLS LIC. 31279;

**PAVING DETAIL** 

PROTECT YOURSELF

A PHONE CALL
CAN BE YOUR INSURANCE POLICY

IN 2-2½" LIFTS

HC - HIGHWAY COMMERCIAL ZONE REQUIRED EXISTING PROPOSED VARIANCE 15.000 S.F 40,822 S.F 40,822 S.F LOT AREA NO LOT FRONTAGE 100' 218.0 218.0' NO LOT WIDTH 100' 212.4' 212.4' NO LOT DEPTH 120' 200.0 200.0 NO PRINCIPAL BUILDING 65.1 FRONT YARD 16.4' NO 42.3'/85. 36.6'/85.1 SIDE YARD (EACH) 20' NO 102.5 102.5 REAR YARD NO NO MAX. BUILDING HEIGHT 35' 13.5'± 16.5 ACCESSORY STRUCTURE (CANOPY) FRONT YARD NOT PERMITTED 8.9' YES SIDE YARD (EACH) 78.9'/90.5 NO 143.1 NO REAR YARD 15' BENEATH CONCRETE PAD SEPARATION TO BUILDING YES 20' 8.3' NO 19.9' MAX. HEIGHT MAXIMUM COVERAGE NO 0.25 0.04 0.04 FLOOR AREA RATIO 10,206 S.F 1,670 S.F 1,880 S.F NO LOT COVERAGE 70% 56.0% 53.5% 28,575 S.F. 22,842 S.F. 21,825 S.F

Paved

PROPOSED 2,000 GAL.

PROPOSED 4"W WHITE

BUFFER, SEE SHEET 2

STALL STRIPING

10'W LANDSCAPE

SAWCUT EXISTING

PAVEMENT ALONG

PROPOSED EDGE

Drive

DOUBLE-WALLED UST

OFF-ROAD DIESEL

BUILDING HEIGHT CALCULATION: MEAN GRADE ALONG SIDES = (500.3 + 500.4 + 500.4 + 500.8)/4 = 500.5HIGHEST PORTION OF BUILDING = 500.3 + 16.7' = 517.0 BUILDING HEIGHT = 517.0 - 500.5 = 16.5

MEAN GRADE ALONG SIDES = (500.3 + 500.3 + 499.5 + 499.7)/4 = 500.0HIGHEST PORTION OF CANOPY = 500.3 + 19.6' = 519.9 CANOPY HEIGHT = 519.9 - 500.0 = 19.9

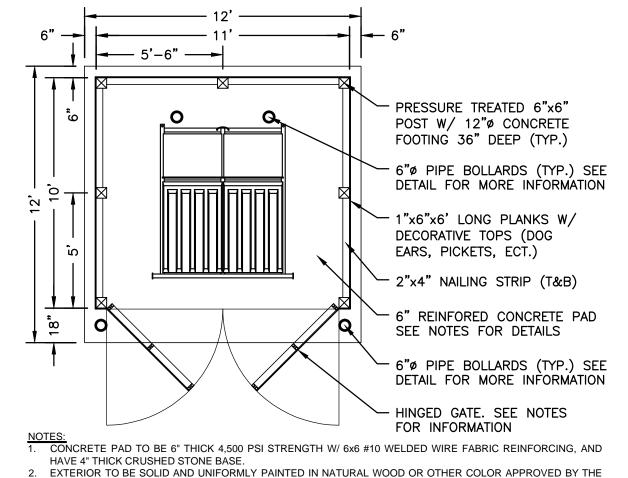
IMPERVIOUS COVERAGE								
ITEM	EXISTING	PROPOSED						
BUILDING	1,880 S.F./4.6%	1,916 S.F./4.7%						
PARKING/DRIVEWAYS*	19,861 S.F./48.7%	17,535 S.F./43.0%						
CANOPY	1,022 S.F./2.5%	1,920 S.F./4.7%						
WALKS/MISC.	79 S.F./0.2%	454 S.F./1.1%						
TOTAL	22,842 S.F./56.0%	21,825 S.F./53.5%						

\*INCLUDES GRAVEL, PAVEMENT AND CONCRETE

# DRAINAGE NOTES:

THE PROJECT DISTURBS LESS THAN 1 ACRE AND REDUCES OVERALL IMPERVIOUS COVERAGE AND IS THEREFORE, NOT A MAJOR DEVELOPMENT.

THE PROJECT MAINTAINS PRE-EXISTING RUNOFF PATTERNS AND REDUCES RUNOFF, THEREFORE NOT STORMWATER MANAGEMENT IS PROPOSED.



ENGINEER, NO MORE THAN 6' IN HEIGHT. KEEP THE GATE SECURED IN THE OPEN AND CLOSED POSITIONS

LEGEND: — — — — EXISTING MAJOR CONTOURS - - -703- - EXISTING MINOR CONTOURS PROPOSED MAJOR CONTOURS 703—PROPOSED MINOR CONTOURS PROPOSED ROCK WALL · EXISTING ROCK WALL EXISTING TREE LINE PROFESSIONAL ENGINEER

PRELIMINARY AND FINAL MAJOR SITE PLAN 17 ROUTE 57 TOWN OF HACKETTSTOWN BLOCK 129, LOT 25.01

SEE SCALE 06/24/2020 PROJECT NO.: 2700.19 SHEET NO.: NEW JERSEY 1 OF

www.housereng.com

APPROVED, SIGNED, AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES.

ROFESSIONAL ENGINEER NJ CERT. OF AUTH. NO.: 24GA28163600 NEW JERSEY LICENSE NO. 24GE05185800

TCV

3.62 Ac.±

3.62 Ac. FHA

PPROX. BUILDINGS WIT

100' PER GOOGLE MAPS

WARREN COUNTY

LAYOUT AND DIMENSIONING PLAN

PK PETROLEUM ONE, LLC

NEW JERSEY LICENSE NO. 24GE04747700

NEW YORK LICENSE NO. 090129

PENNSYLVANIA LICENSE NO. PE079324

141 Greenwood Lake Tpke. Ringwood, NJ 07456 Tel: 973-728-2945 / Fax: 973-506-1524

HINGED GATE TO BE SIMILAR IN APPEARANCE TO THE REST OF THE ENCLOSURE, AND PROVIDE WAYS TO

DUMPSTER ENCLOSURE DETAIL SCALE: NOT TO SCALE

EXISTING TREE
TO BE REMOVED

ADA PARKING SIGN CENTERED IN SPACE

TYPICAL U-CHANNEL SIGN POST

NOTES:

1. FORE USE IN PAVED AREAS. – R7–8 (12"x18") TYPICAL AT 2. WHEN IN GRASS OR LANDSCAPED AREAS, THE SIGN POST IS TO BE DRIVEN INTO THE GROUND A MINIMUM OF 24" R7-8A (12"x6") TYPICAL AT ALL VAN ACCESSIBLE PARKING SPACES (GREEN LETTERING ON 10"x12" PENALTY SIGN WITH LOCAL OR STATE LAW (BLACK LETTERS, WHITE BACKGROUND) - U-CHANNEL SIGN POST SEE

FINISHED GRADE - CONCRETE, 3000 PSI MIN. AIR ENTRAINED

SIGN POST FOUNDATION

**MUTCD SIGN DETAILS** 

NOT TO SCALE

4" AZURE BLUE STRIPING (TYP.) 45° CROSS HATCHING TO BE 4" AZURE BLUE @ 24" O.C.

| Iron| Pi

Access

R5 - 130"x30"

NOTES:
1. PARKING STALL AND AISLE SHALL COMPLY WITH ALL STATE AND LOCAL

BARRIER FREE CODE REQUIREMENTS. 2. PARKING SPACE AND ACCESS AISLE SHALL HAVE A SURFACE SLOPE NOT STEEPER THAN 2% (1:48) 3. A MINIMUM ACCESSIBLÉ ROUTE WIDTH OF 36 INCHES SHALL BE PROVIDED AND MAINTAINED. A BOLLARD SHALL BE PROVIDED TO PREVENT VEHICLE OVERHANG FROM REDUCING WIDTH OF THE PATH OF TRAVEL TO LESS 24"x24" THAN 36 INCHES. 4. VAN STALLS TO BE 8' WIDE IF ADJACENT TO 8' WIDE AISLE.

11' VAN

- 8' CAR ONLY

SEE PLAN

PAINTED AZURE

BLUE HANDICAPPED

SYMBOL (54"Wx60"H)

5. ALL STENCILS SHALL BE APPROVED BY THE ENGINEER BEFORE USE. ADA STALL STRIPING DETAIL SCALE: N.T.S.

5' MIN.

SEE PLAN

CANOPY SIGNS (EAST AND WEST) PROPOSED AREA: 10.6 S.F.(VARIANCE REQUIRED) CANOPY SIGN (SOUTH) PROPOSED AREA: 10.6 S.F.(VARIANCE REQUIRED)

**GENERAL NOTES:** 

6.35± AC.

THIS DESIGN WAS PREPARED IN ACCORDANCE WITH EXISTING STATE AND LOCAL REGULATIONS. THIS DESIGN IS BASED ON CONDITIONS WHICH WERE PRESENT AT THE TIME OF SITE EVALUATION. THE DESIGN ENGINEER IS NOT RESPONSIBLE FOR DIFFERING OR UNFORESEEN SITE CONDITIONS. THESE CONDITIONS MAY NECESSITATE REVISIONS TO THE DESIGN ANY SUCH CHANGES REQUIRED BY THE ENGINEER OR REGULATORS MAY BE SUBJECT TO ADDITIONAL COSTS AT THE OWNER'S EXPENSE. 3. NO CHANGES SHALL BE MADE TO THIS DESIGN WITHOUT THE WRITTEN PERMISSION FROM A LICENSED PROFESSIONAL ENGINEER AND THE REGULATORY AUTHORITIES.

TAX MAP

WASHINGTON TAX MAP SHEET #7

HACKETTSTOWN TAX MAP SHEETS #26 & #27

PARKING REQUIREMENTS

SIGNAGE REQUIREMENTS

@ 1,670 S.F. = 9.54 STALLS OR 10 STALLS

(SCALE: 1" = 200')

REQUIRED: 1 STALL PER 175 S.F. OF RETAIL

FREESTANDING SIGN: EXISTING TO REMAIN

BUILDING SIGNS: 1 PERMITTED, 4 PROPOSED

PERMITTED AREA: 30 S.F.

PROPOSED AREA: 20 S.F.

SECTION 407.F.1

SECTION 601.C.6

10 TOTAL STALLS PROVIDED

BUILDING MOUNTED

4. STATE PLANE COORDINATES (NAD-1983) HAVE BEEN OBTAINED BY MEANS OF GLOBAL POSITIONING SYSTEM (G.P.S.). SITE PREPARATION NOTES: THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS AND CODES AND OBTAIN ALL REQURED PERMITS FOR ANY CONSTRUCTION ACTIVITY. 2. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS SHOWN ON THIS PLAN PRIOR TO THE START OF ANY

CONSTRUCTION ACTIVITY. 3. THE CONTRACTOR SHALL CONTACT NEW JERSEY ONE CALL AT 1-800-272-1000 BEFORE PERFORMING ANY EXCAVATION WORK. 4. THE CONTRACTOR SHALL INSTALL ALL ORANGE CONSTRUCTION FENCING AND EROSION AND SEDIMENT CONTROL DEVICES PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY.

ALL STRUCTURES, UTILITIES, SITE IMPROVEMENTS AND TREES DESIGNATED ON THE DRAWINGS OR DIRECTED BY THE ENGINEER TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY ALL CONSTRUCTION OPERATIONS BY ERECTING BARRIERS, GUARDS AND ENCLOSURES AS SHOWN ON THE DRAWINGS OR OTHER APPROVED MEANS. PROTECTION SHALL BE MAINTAINED UNTIL ALL WORK IN THE VICINITY OF THE WORK BEING PROTECTED HAS BEEN THE CONTRACTOR SHALL COMPLY WITH ALL DEMOLITION AND NEW CONSTRUCTION INSPECTIONS AS REQUIRED BY

FEDERAL. STATE AND LOCAL LAWS, REGULATIONS AND BUILDING CODES. **APPLICANT: OWNER:** 

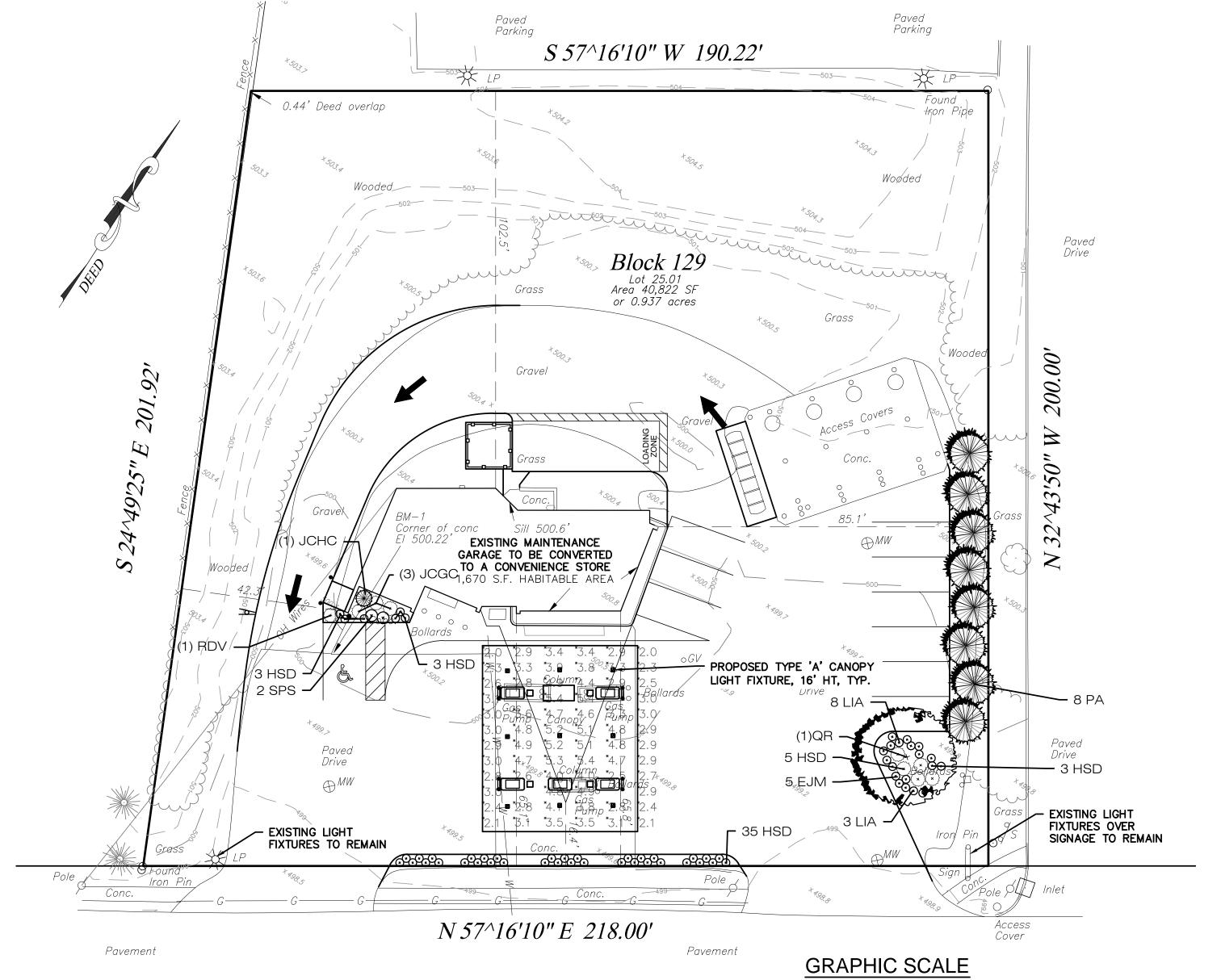
PK PETROLEUM ONE, LLC ATLANTIS REAL ESTATE LLC 273 REICHELT RD, APT C 555 S COLUMBUS AVE, STE 201 NEW MILFORD, NJ 07646 MT VERNON, NY 10550

SITE PLAN APPROVED AT A REGULAR MEETING OF THE HACKETSTOWN LAND USE BOARD ON \_\_\_

CHAIRMAN OF THE BOARD

SECRETARY OF THE BOARD

TOWN ENGINEER



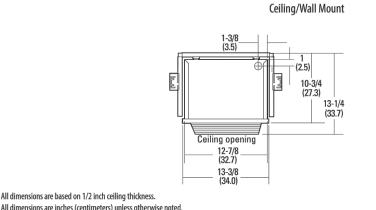
Lighting Schedule Lumens Per Light Loss Wattage Label Quantity Manufacturer Catalog Number Lamp VANDAL RESISTANT RECESSED 4652 0.36 26.5 LED FIXTURE, FLAT GLASS LENS 4000K

*NJ State Route 57* 

66' Wide ROW







**VRR** 

COMPACT FLUORESCENT

**CANOPY FIXTURE DETAIL** NOT TO SCALE

# LANDSCAPE REQUIREMENTS

REQUIRED: 20% FRONT YARD AREA TO BE LANDSCAPED 0.20 (13,944 S.F.) = 2,789 S.F.

PROPOSED: 2,774 S.F. LANDSCAPED WITHIN FRONT YARD

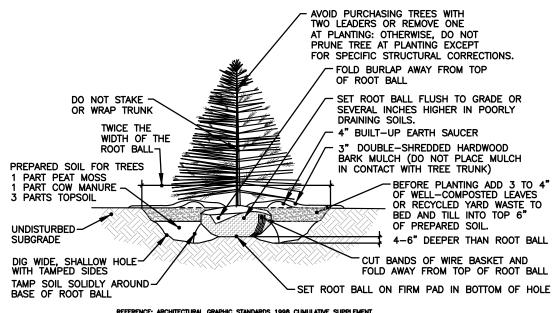
## **PLANTING NOTES:**

- ALL PLANTS AND ENTIRE SHRUB BEDS TO RECEIVE 3" LAYER OF DOUBLE SHREDDED HARDWOOD BARK MULCH. MULCH SHALL BE KEPT \$\frac{3}{1}\text{ BELOW TOP OF PAVEMENTS AND CURBS.}
  PLANTS SHALL BEAR SAME RELATIONSHIP TO FINISHED GRADE AS THEY BORE TO EXISTING GRADE IN THE NURSERY. TOPSOIL SHALL BE SANDY LOAM; FREE FROM SUBSOIL, STONES LARGER THAN 1", OR ANY UNDESIRABLE MATERIAL;
- CONTAIN 5% ORGANIC MATTER, ph 6.0 TO 6.5, SEE SPECIFICATION. 4. CUT AND REMOVE BURLAP FROM TOP 1/3 OF BALL. NYLON ROPE AND /OR NYLON BALLING MATERIAL IS NOT ACCEPTABLE. WIRE BASKETS TO BE REMOVED. 5. LOCATE GUY WIRES SO THAT THEY WILL NOT PULL CROTCH APART.
- ANY PLANT DEAD OR DETERMINED TO BE DAMAGED BEYOND REPAIR BY ACCEPTED STANDARDS AND THE LANDSCAPE ARCHITECT WITHIN ONE YEAR OF INSTALLATION SHALL BE REPLACED BY THE CONTRACTOR AT THEIR EXPENSE. 7. IF THERE IS A DISCREPANCY BETWEEN THE PLANT COUNT SHOWN IN THE PLANT LIST AND THE PLANTING GRAPHIC, THE GRAPHIC SHALL TAKE PRECEDENCE. 8. IF THE CONTRACTOR DETERMINES THE SUB-GRADE SOIL CONDITIONS ARE DELETERIOUS TO PLANT GROWTH OR WILL
- INHIBIT DRAINAGE, THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND PRIOR TO INSTALLATION OF PLANT 9. PLANT PERENNIALS AND GROUND COVER IN 8" DEEP TOPSOIL BED CONSISTING OF 2/3 TOPSOIL AND 1/3 HUMUS. PLANT BULBS IN NATURALIZED DRIFTS.

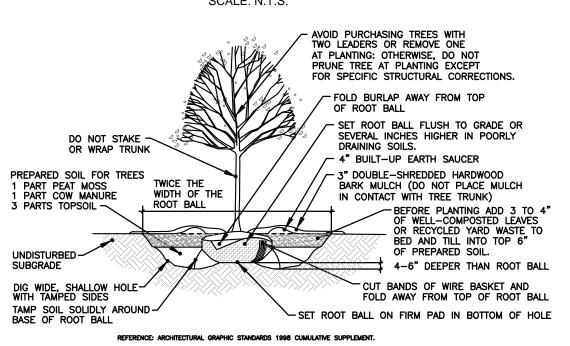
TOPSOIL AND SEED ALL AREAS DISTURBED AS A RESULT OF ANY CONSTRUCTION, OR STORAGE OF EQUIPMENT WHETHER

- SUCH AREAS ARE SHOWN ON THE PLANS OR NOT. 11. PLANT PITS SHALL BE 24" WIDER AND 6" DEEPER THAN THE ROOT BALL. ALL EXISTING SOIL SHALL BE REMOVED AND BACK FILLED WITH A MIXTURE OF ONE PART PEAT-HUMUS TO 4 PARTS TOPSOIL. ONE 3-YEAR EASY GROW FERTILIZER PACKET (OR EQUAL) SHALL BE ADDED PER 1" OF TREE CALIPER OR PER 12" HEIGHT OF SHRUB.
- 12. ÀLL PLANT MATERIAL SHALL BE NURSERY GROWN AND SHALL CONFORM TO THE AMERICAN ASSOCIATION OF NURSERYMEN. ALL PLANT BEDS ARE TO BE SEPARATED FROM LAWN AREA WITH A 3" DEEP 'V' TRENCH. 14. TOPSOIL MOVED DURING THE COURSE OF CONSTRUCTION SHALL BE REDISTRIBUTED ON ALL REGRADED SURFACES TO THE
- GREATEST EXTENT POSSIBLE 15. ALL PLANT MATERIAL SHALL BE EQUAL TO OR BETTER THAN THE REQUIREMENTS OF THE "AMERICAN STANDARD FOR

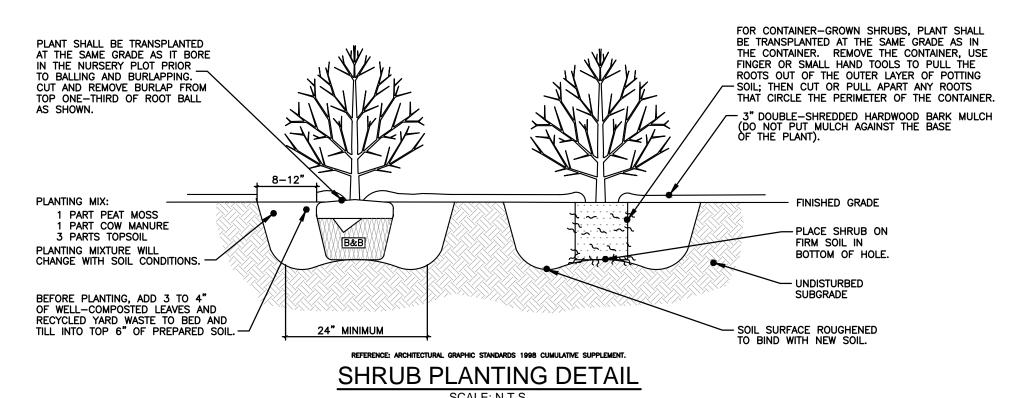
NURSERY STOCK" LATEST EDITION. 16. CONTRACTOR SHALL CALL FOR UTILITY MARKOUTS PRIOR TO ANY PLANT INSTALLATION.



**EVERGREEN TREE PLANTING DETAIL** 



DECIDUOUS TREE PLANTING DETAIL



# PLANT LIST:

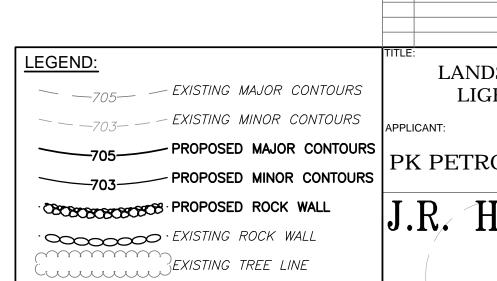
KEY	QUANTITY	BOTANICAL NAME	COMMON NAME	ROOT	SIZE	SPACING	COMMENTS	
TREES								
QR	1	QUERCUS RUBRA	RED OAK	B&B	3 1/2" - 4" CAL		SYMMETRICAL, LEADER INTACT, FULL, BRANCHING AT 7' ABOVE FINISHED GRADE	
PA	8	PICEA PICEA	WHITE SPRUCE	B&B	6'-7' HT		DENSE, FULL TO GROUND, WELL ESTABLISHED	
SHRUBS								
EJM	5	EUONYMUS JAPONICUS VAR. MICROPHULLUS 'MONCLIF'	SUNNY DELIGHT BOXLEAF EUONYMUS	#5 CONT.	18"-24" HT	36" O.C.	WELL ESTABLISHED, FULL	
JCGC	3	JUNIPERUS CH. 'GOLD COAST'	GOLD COAST JUNIPER	#3 CONT.	18"-24" HT	48" O.C.	DENSE, FULL TO GROUND, WELL ESTABLISHED	
JCHC	1	JUNIPERUS CH. HETZI COLUMNARIS	COLUMNAR HETZ JUNIPER	#5 CONT.	4'-5' HT		DENSE, FULL TO GROUND, WELL ESTABLISHED	
RDV	1	AZALEA X 'DELAWARE VALLEY WHITE'	DELAWARE VALLEY WHITE AZALEA	#5 CONT.	18"-24" HT	36" O.C.	DENSE, FULL TO GROUND, WELL ESTABLISHED	
SPS	2	SPIRAEA JAPONICA SHIROBANA	SHIROBANA SPIRAEA	#5 CONT.	24"-36" HT	42" O.C.	DENSE, FULL TO GROUND, WELL ESTABLISHED	
PERENNIALS / GROUND COVER / ORNAMENTAL GRASSES								
HSD	14	HEMEROCALLIS 'STELLA D'ORO'	'STELLA D'ORO' DAYLILY	#2 CONT.		24" O.C.	WELL ESTABLISHED, FULL	
LIA	11	LIATRIS SPICATA 'KOBOLD'	KOBOLD GAYFEATHER	#2 CONT.		24" O.C.	WELL ESTABLISHED, FULL	



WHAT YOU DON'T KNOW CAN HURT YOU.

REFERENCES SURVEY OF PROPERTY PREPARED BY: ARTHUR SCHAPPELL JR. NJ PLS LIC. 31279; DATED NOVEMBER 15, 2019

FACADE AND INTERIOR RENOVATIONS PREPARED BY: GMG ARCHITECTURE DATED FEBRUARY 5, 2020



EXISTING TREE TO BE REMOVED

LANDSCAPING AND PRELIMINARY AND FINAL MAJOR SITE PLAN LIGHTING PLAN 17 ROUTE 57 TOWN OF HACKETTSTOWN PK PETROLEUM ONE, LLC BLOCK 129, LOT 25.01 WARREN COUNTY

Engineering,LLC 1141 Greenwood Lake Tpke. Ringwood, NJ 07456 Tel: 973-728-2945 / Fax: 973-506-1524 www.housereng.com PROFESSIONAL ENGINEER PROFESSIONAL ENGINEER NJ CERT. OF AUTH. NO.: 24GA28163600 NEW JERSEY LICENSE NO. 24GE04747700 THE INFORMATION, DESIGN, AND CONTENT OF
THIS PLAN ARE PROPRIETARY AND SHALL NOT BE COPIED OR USED FOR ANY PURPOSE
WITHOUT PRIOR WRITTEN AUTHORIZATION FROM HOUSER HOSINEERING, LLC. ONLY
APPROVED, SIGNED, AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION
PURPOSES. NEW YORK LICENSE NO. 090129 PENNSYLVANIA LICENSE NO. PE079324 NEW JERSEY LICENSE NO. 24GE05185800

COMMENT

TCV SCALE:

SEE SCALE

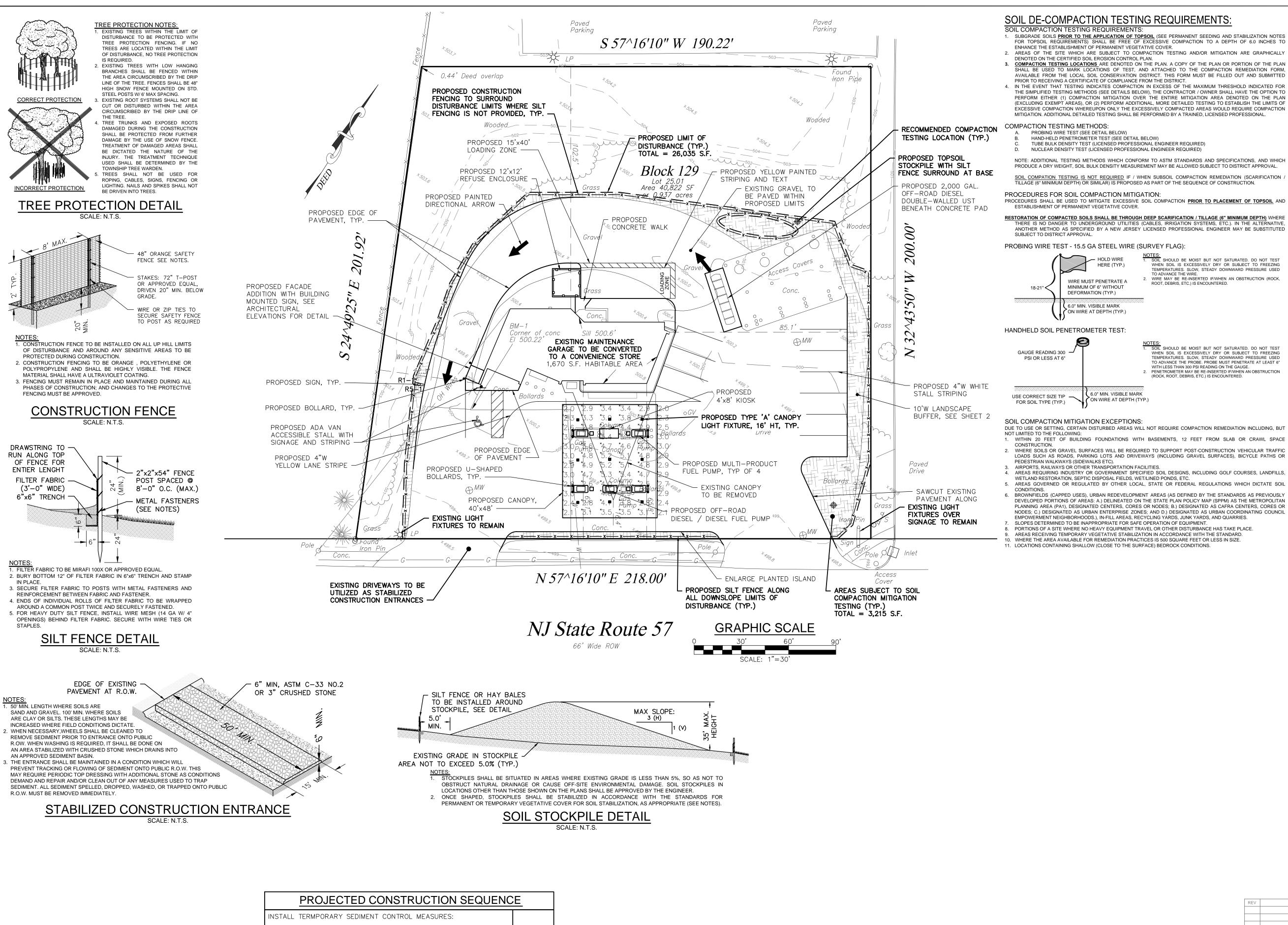
06/24/2020

PROJECT NO.:

NEW JERSEY

2700.19 SHEET NO.:

2 OF 3



CONSTRUCTION ENTRANCE & SILT FENCE 2 DAYS DEMOLITION AND SITE PREPARATION 5 DAYS 10 DAYS INSTALL UNDERGROUND FUEL TANK 20 DAYS CONSTRUCT CANOPY AND DISPENSERS CONSTRUCT SITE IMPROVEMENTS (PAVEMENT, LANDSCAPING, ETC.) 20 DAYS CONDUCT SOIL COMPACTION TESTING AND REMEDIATE SUBSOIL 1 DAY SCARIFICATION/TILLAGE TO A MINIMUM DEPTH OF 6") AS NECESSARY. JNIFORMLY APPLY TOPSOIL TO AN AVERAGE DEPTH OF 5", MINIMUM OF 1 DAY H", FIRMED IN PLACE). PERMANENT STABILIZATION 5 DAYS REMOVE TEMPORARY STABILIZATION 1 DAY TOTAL 65 DAYS WARREN COUNTY SOIL CONSERVATION DISTRICT NOTES:

- ENGINEER, CONTRACTORS, AND UTILITY REPRESENTATIVES. IF THE TOWNSHIP ENGINEER DOES NOT SCHEDULE A PRECONSTRUCTION MEETING, IT IS THE RESPONSIBILITY OF THE OWNER/APPLICANT TO SCHEDULE ONE BEFORE ANY LAND DISTURBANCE. TWO WEEKS NOTICE MUST BE GIVEN FOR SCHEDULING PRECONSTRUCTION MEETINGS.
- AREAS OF THE SITE WHICH ARE SUBJECT TO COMPACTION TESTING AND/OR MITIGATION ARE GRAPHICALLY FAILURE OF THE AFOREMENTIONED PLAN SHALL NOT RELIEVE THE APPLICANT OF ANY OF ITS RESPONSIBILITIES RELEVANT TO THE APPROPRIATE STATUTES ADDITIONAL FROSION AND SEDIMENT CONTROL MEASURES MAY BE COMPACTION TESTING LOCATIONS ARE DENOTED ON THE PLAN. A COPY OF THE PLAN OR PORTION OF THE PLAN REQUIRED AS DEEMED NECESSARY BY THE DISTRICT IN THE EVEN OF ANY UNFORESEEN PROBLEMS INCURRED SHALL BE USED TO MARK LOCATIONS OF TEST. AND ATTACHED TO THE COMPACTION REMEDIATION FORM.
- DURING CONSTRUCTION. AVAILABLE FROM THE LOCAL SOIL CONSERVATION DISTRICT. THIS FORM MUST BE FILLED OUT AND SUBMITTED ANY CHANGES OF APPROVED PLANS SHALL REQUIRE AN ADDITIONAL SUBMITTAL TO THE DISTRICT INCLUDING
  - APPROPRIATE RE-REVIEW FEES. A 48 HOUR START OF LAND DISTURBANCE NOTIFICATION SHALL BE GIVEN.
  - IN THAT N.J.A.S.A. 4-24-39 ET SEQ REQUIRES THAT NOT CERTIFICATES OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR SOIL EROSION AND SEDIMENT CONTROL HAVE BEN COMPLIED WITH FOR THE PERMANENT MEASURES. ALL SITE WORK RELATIVE TO APPROVED PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS WILL BE COMPLETED BEFORE THE DISTRICT ISSUES A CERTIFICATE OF COMPLIANCE. TWO WEEKS NOTICE MUST BE GIVEN TO THE DISTRICT TO SCHEDULE INSPECTION
  - FOR CERTIFICATE OF COMPLIANCE RELEASE. 6. FINAL STABILIZATION OF ALL DISTURBANCES ASSOCIATED WITH UNDERGROUND UTILITIES, IRRESPECTIVE OF
  - PHASING, IS THE ULTIMATE RESPONSIBILITY OF THE OWNER.
    7. A CASH BOND OF NOT LESS THAN \$2,500. (PER DISTURBED ACRE OR PART THEREOF, OR A LOT) WILL BE POSTED WITH THE WARREN COUNTY SOIL CONSERVATION DISTRICT DURING THE NON GROWING SEASON (NOVEMBER 15 -
  - APRIL 15) IF A CERTIFICATE OF COMPLIANCE IS NEEDED AND SOIL EROSION AND SEDIMENT CONTROL MEASURES FOR PERMANENT STABILIZATION ARE NOT COMPLETED.
  - SEDIMENT TRACKED ONTO PUBLIC RIGHT-OF-WAYS SHALL BE SWEPT AT THE END OF EACH WORKING DAY. NO BUILDING PERMITS WILL BE RELEASED UNTIL ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON APPROVED PLANS ARE INSTALLED
  - 10. DUST TO BE CONTROLLED WITH WATER, CALCIUM CHLORIDE OR OTHER METHOD APPROVED BY THE SOIL CONSERVATION DISTRICT. TRACKING PAD TO BE KEPT CLEAN AND REPAIRED AS NECESSARY.
  - 12. SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN ACCORDANCE WITH STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY, FEBRUARY 2014. 13. SEE DETAILS SHEETS FOR ADDITIONAL SOIL AND SEDIMENT CONTROL DETAILS

DUST CONTROL NOTES:

TO PREVENT BLOWING AND MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES, REDUCED ON-SITE AND OFF-SITE DAMAGE AND HEALTH HAZARDS AND IMPROVE TRAFFIC SAFETY, THE FOLLOWING METHODS SHALL BE EMPLOYED AS REQUIRED TO CONTROL THE GENERATION OF DUST FROM CONSTRUCTION SITES AND SUBSEQUENT BLOWING AND DEPOSITION INTO LOCAL SURFACE WATER RESOURCES.

DUST CONTROL WITH MULCHES ONLY: STRAW MULCH (HAY MULCH MAY BE SUBSTITUTED IF APPROVED BY THE DISTRICT) IS TO BE SPREAD UNIFORMLY AT THE RATE OF 2 TO 2-1/2 TONS PER ACRE (TOTAL GROUND SURFACE COVERAGE). THIS PRACTICE IS LIMITED TO PERIODS WHEN VEGETATIVE COVER CANNOT BE ESTABLISHED DUE TO THE SEASON OR OTHER CONDITIONS. MULCH MUST BE ANCHORED IN ACCORDANCE WITH NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. MULCH ALONE CAN ONLY BE USED FOR SHORT PERIODS AND WILL REQUIRE MAINTENANCE AND RENEWAL. OTHER MULCH MATERIALS MAY BE UTILIZED IF APPROVED BY THE DISTRICT

#### DUST CONTROL WITH VEGETATIVE COVER:

SEE STABILIZATION NOTES FOR TEMPORARY AND PERMANENT VEGETATIVE STABILIZATION CONTROL PROCEDURES.

#### DUST CONTROL WITH SPRAY ON ADHESIVES: TO BE USED ON MINERAL SOILS AS THEY ARE NOT EFFECTIVE ON MUCK SOILS. TRAFFIC TO BE KEPT OFF THESE AREAS.

APPLY GALLONS/ACRE ANIONIC ASPHALT EMULSION LATEX EMULSION FINE SPRAY RESIN IN WATER FINE SPRAY POLYACRYLAMIDE (PAM)-SPRAY FOR POLYACRYLAMIDE (PAM) SPRAY OR DRY APPLY ACCORDING TO

ACIDULATED SOY BEAN SOAP STICK

POLYACRYLAMIDE (PAM)-DRY

TO SEDIMENT BASINS TO FLOCCULATE AND PRECIPITATE SUSPENDED COLLOIDS. NONE COARSE SPRAY

### OTHER DUST CONTROL MEASURES:

TILLAGE: TO ROUGHEN SURFACE AND BRING CLODS TO THE SURFACE. THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY

MANUFACTURER'S INSTRUCTIONS, MAY ALSO BE USED AS AN ADDITIVE

### SPRINKLING: SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

BARRIERS: SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIALS CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING.

<u>CALCIUM\_CHLORIDE</u>: SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO BE FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OF PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS OR ACCUMULATION AROUND PLANTS.

# STONE: COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL.

## TOPSOIL STOCKPILE PROTECTION:

A) APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT. B) APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LBS, PER 1000 SQ, FT

C) APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT., AND ANNUAL RYEGRASS AT 1 LB. PER 1000 SQ. FT. D) MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT. E) APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH

# TEMPORARY STABILIZATION SPECIFICATIONS:

A) APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT

PROPERLY ENTRENCH A SILT FENCE AT THE BOTTOM OF THE STOCKPILE

C) APPLY PERENNIAL RYEGRASS SEED AT 1 LB. PER 1000 SQ. FT., AND ANNUAL RYEGRASS 1LB. PER 1000 SQ. FT. D) MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT. E) APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH

# PERMANENT STABILIZATION SPECIFICATIONS:

A) APPLY TOPSOIL TO A DEPTH OF 5 INCHES (UNSETTLED)

B) APPLY GROUND LIMESTONE AT A RATE OF 90 LBS. PER 1000 SQ. FT., AND WORK FOUR INCHES INTO SOIL C) APPLY FERTILIZER (10-20-10) AT A RATE OF 11 LB. PER 1000 SQ. FT.

D) APPLY HARD FESCUE SEED AT 2.7 LBS PER 1000 SQ ET CREEPING RED FESCUE SEED AT 0.7 LBS PER 1000 SQ FT., AND PERENNIAL RYEGRASS SEED AT 0.25 LBS. PER 1000 SQ. FT.

E) MULCH STOCKPILE WITH STRAW OR HAY AT A RATE OF 90 LBS. PER 1000 SQ. FT. F) APPLY A LIQUID MULCH BINDER OR TACK TO STRAW OR HAY MULCH

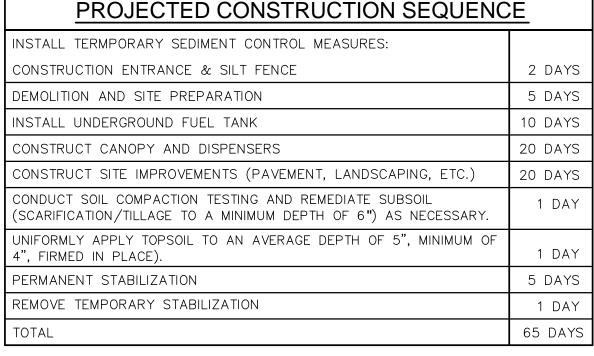
MULCH MATERIALS SHALL BE UN-ROTTED SMALL GRAIN STRAW APPLIED AT THE RATE OF 70 TO 90 POUNDS PER 1.000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL, LIQUID MULCH BINDERS, OR NETTING TIE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT

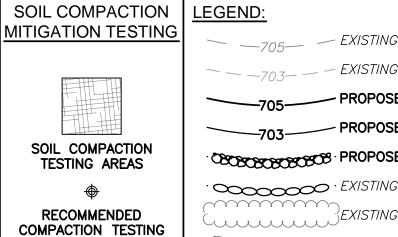


REFERENCES SURVEY OF PROPERTY PREPARED BY: ARTHUR SCHAPPELL JR. NJ PLS LIC. 31279;

**FACADE AND INTERIOR RENOVATIONS** PREPARED BY: GMG ARCHITECTURE DATED FEBRUARY 5, 2020

DATED NOVEMBER 15, 2019





LOCATIONS (TYP.)

DENOTED ON THE CERTIFIED SOIL EROSION CONTROL PLAN.

PROBING WIRE TEST (SEE DETAIL BELOW)

PRIOR TO RECEIVING A CERTIFICATE OF COMPLIANCE FROM THE DISTRICT.

HAND-HELD PENETROMETER TEST (SEE DETAIL BELOW)

TUBE BULK DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)

NUCLEAR DENSITY TEST (LICENSED PROFESSIONAL ENGINEER REQUIRED)

HERE (TYP.)

WIRE MUST PENETRATE A

MINIMUM OF 6" WITHOUT

**DEFORMATION (TYP.)** 

60" MIN VISIBLE MARK

GAUGE READING 300 -

PSI OR LESS AT 6"

ON WIRE AT DEPTH (TYP.)

THE SIMPLIFIED TESTING METHODS (SEE DETAILS BELOW), THE CONTRACTOR / OWNER SHALL HAVE THE OPTION TO

THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.). IN THE ALTERNATIVE,

LOADS SUCH AS ROADS, PARKING LOTS AND DRIVEWAYS (INCLUDING GRAVEL SURFACES), BICYCLE PATHS OR

EMPOWERMENT NEIGHBORHOODS.), IN-FILL AREAS, RECYCLING YARDS, JUNK YARDS, AND QUARRIES.

PORTIONS OF A SITE WHERE NO HEAVY EQUIPMENT TRAVEL OR OTHER DISTURBANCE HAS TAKE PLACE.

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

WIRE MAY BE RE-INSERTED IF/WHEN AN OBSTRUCTION (ROCK,

SOIL SHOULD BE MOIST BUT NOT SATURATED. DO NOT TEST

WITH LESS THAN 300 PSI READING ON THE GAUGE.

2. PENETROMETER MAY BE RE-INSERTED IF/WHEN AN OBSTRUCTION (ROCK, ROOT, DEBRIS, ETC.) IS ENCOUNTERED.

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"

SOIL EROSION AND SEDIMENT CONTROL PLAN - \_ \_\_\_\_\_ - EXISTING MINOR CONTOURS

-PROPOSED MAJOR CONTOURS -703-PROPOSED MINOR CONTOURS PROPOSED ROCK WALL

· EXISTING ROCK WALL EXISTING TREE LINE

EXISTING TREE TO BE REMOVED

PK PETROLEUM ONE, LLC

PROFESSIONAL ENGINEER

NEW JERSEY LICENSE NO. 24GE04747700

NEW YORK LICENSE NO. 090129

PENNSYLVANIA LICENSE NO. PE079324

TCV PRELIMINARY AND FINAL MAJOR SITE PLAN SEE SCALE 17 ROUTE 57 06/24/2020 TOWN OF HACKETTSTOWN PROJECT NO.: 2700.19 BLOCK 129, LOT 25.01 WARREN COUNTY

Engineering,LLC

141 Greenwood Lake Tpke. Ringwood, NJ 07456 Tel: 973-728-2945 / Fax: 973-506-1524 www.housereng.com NJ CERT. OF AUTH. NO.: 24GA28163600

APPROVED, SIGNED, AND SEALED PLANS SHALL BE UTILIZED FOR CONSTRUCTION PURPOSES.

ROFESSIONAL ENGINEER NEW JERSEY LICENSE NO. 24GE05185800