

Plotted: 1/11/2024 11:37 AM, By: Brian Kenney  
C:\Users\bkenny\Dropbox\Essex County CCDWG\Construction Plan\Plot Sheet\Half-Way House Plans\Title Sheet recover.dwg,01-COVER

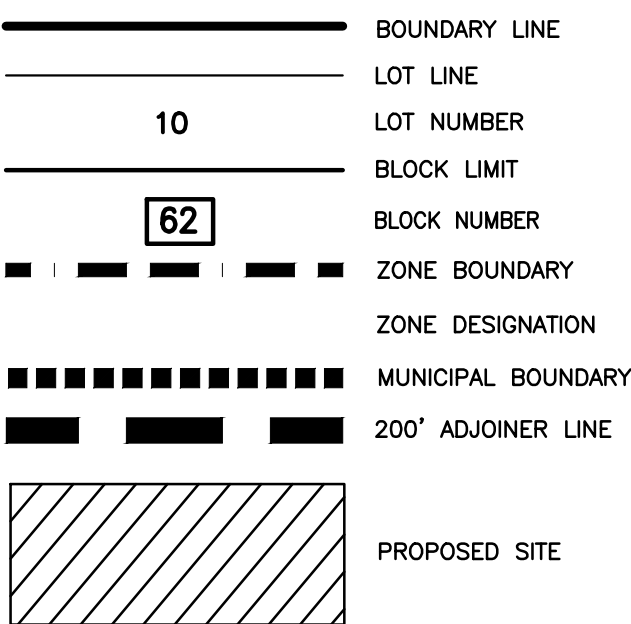
200FT PROPERTY OWNERS LIST

| Block  | Lot   | Qualifier | Location                | Owner                               | Owner Address             |
|--------|-------|-----------|-------------------------|-------------------------------------|---------------------------|
| 82.01  | 1     |           | RIDGE ROAD              | SETON HALL PREPARATORY SCHOOL       | 120 NORTHFIELD AVENUE     |
| 82.01  | 7.04  |           | 652 PROSPECT AVENUE     | FRIENDLY SONS OF THE SHILLELAGH FOU | 652 PROSPECT AVE          |
| 82.01  | 7.07  |           | 654 PROSPECT AVENUE     | BABU, NANOOSHORE K-NADIGER,PANKAJA  | 654 PROSPECT AVE          |
| 82.01  | 7.08  |           | 658 PROSPECT AVENUE     | DELMONICO, DINA & FRANK POZAR       | 658 PROSPECT AVE          |
| 82.01  | 7.09  |           | 662 PROSPECT AVENUE     | MALDONADO-CORTES,JAFUJTON, STEFANI  | 662 PROSPECT AVENUE       |
| 82.01  | 7.10  |           | 666 PROSPECT AVENUE     | LEHMERT, ELAINE                     | 666 PROSPECT AVE          |
| 82.01  | 7.11  |           | 670 PROSPECT AVENUE     | LEMMA, THOMAS & ARIAS-AVILES,M      | 670 PROSPECT AVENUE       |
| 82.01  | 7.12  |           | 674 PROSPECT AVENUE     | CAMACHO, LIONEL A                   | 674 PROSPECT AVENUE       |
| 82.01  | 7.13  |           | PROSPECT AVENUE         | DAVIS,RUTH TRUST/EST BERSTECHER,LON | 66 MAIN STREET            |
| 82.02  | 13    |           | 614 PROSPECT AVENUE     | ANTIOCH PRESBYTERIAN CHURCH OF NJ   | 614-616 PROSPECT AVE      |
| 82.02  | 13.09 |           | 600 PROSPECT AVENUE     | NAJERA, MARK S. & LUCY              | 600 PROSPECT AVE          |
| 82.03  | 1     |           | 598 PROSPECT AVENUE     | APPEL, STEVEN M & WOLF, SHARON      | 598 PROSPECT AVENUE       |
| 82.03  | 3     |           | 586 PROSPECT AVENUE     | ALMANZAR, SAMUEL & END              | 586 PROSPECT AVE          |
| 82.03  | 9     |           | 37 RIDGE ROAD           | THE ECCLESIA, CESTONE RES. TRUST    | 37 RIDGE ROAD             |
| 82.03  | 14    |           | RIDGE ROAD              | MOUNTAIN RESOURCES CORP.            | PO BOX 1874               |
| 82.03  | 17    |           | 27 RIDGE ROAD           | CANDYLAND LAND, LLC.                | 27 RIDGE ROAD             |
| 82.03  | 27    |           | 510-520 PROSPECT AVE.   | BREA W O EMERITUS, LLC%ECOVA 3349   | PO BOX 2447               |
| 83     | 5.01  |           | 303 MT. PLEASANT AVENUE | GHSJ PROPERTIES, LLC.               | 3 BUCKINGHAM ROAD         |
| 155    | 26    |           | 375 MT. PLEASANT AVENUE | 375 MT. PLEASANT AVE CONDO ASSOC    | 375 MT. PLEASANT AVE      |
| 155    | 26.01 |           | 325 MT. PLEASANT AVENUE | P.S. ELECTRIC & GAS CO 224A TAX DEP | 150 CIRCLE AVENUE         |
| 155    | 27    |           | MARION DRIVE            | ESSEX GREEN VILLAS                  | MARION DRIVE              |
| 155    | 27    | C0101     | 101 MARION DRIVE        | CLARK, BARBARA                      | 101 MARION DRIVE          |
| 155    | 27    | C0102     | 102 MARION DRIVE        | CESTONE, SUZANNE                    | 102 MARION DRIVE          |
| 155    | 27    | C0103     | 103 MARION DRIVE        | BANARES, IRENE                      | 103 MARION DRIVE          |
| 155    | 27    | C0104     | 104 MARION DRIVE        | POMBRIANT, JOSEPH                   | 104 MARION DRIVE          |
| 155    | 29    |           | 347 MT. PLEASANT AVENUE | MORRIS UNION HOLDING LLC            | 1240 HIXQUART PLZ&8TH FLE |
| 155.01 | 1.01  |           | 403 MT. PLEASANT AVENUE | PIERRE, JEAN JARROT                 | 403 MT. PLEASANT AVENUE   |
| 155.01 | 35    |           | 401 MT. PLEASANT AVENUE | SIMMONS, NICEL                      | 401 MT. PLEASANT AVE      |
| 155.01 | 36    |           | 3 WEDGEWOOD DRIVE       | VENKATRAMAN, GUHA & SURYA           | 3 WEDGEWOOD DRIVE         |
| 155.20 | 60    |           | 2 WEDGEWOOD DRIVE       | GONZALEZ MORALES, MIREYA A          | 2 WEDGEWOOD DR            |
| 155.20 | 61    |           | 4 WEDGEWOOD DRIVE       | THE ARC OF ESSEX COUNTY, INC        | 7 REGENT STREET           |
| 156    | 1     |           | PROSPECT & MT PLEASANT  | ESSEX COUNTY COUNTRY CLUB           | 350 MT. PLEASANT AVENUE   |
| 156    | 19.01 |           | 33 OLD INDIAN ROAD      | BENNETT, SAHBI R & MICAELA          | 35 OLD INDIAN RD          |
| 156    | 19.02 |           | 29 OLD INDIAN ROAD      | PICCIANO, NATACHIA & LOUIS          | 29 OLD INDIAN RD          |
| 156    | 19.03 |           | 41 OLD INDIAN ROAD      | SARAC, AMILA & MINCY, WILLIAM       | 41 OLD INDIAN RD          |
| 156    | 19.04 |           | 31 OLD INDIAN ROAD      | GRAHAM,ALAN + DONNA                 | 31 OLD INDIAN ROAD        |
| 156    | 19.05 |           | 39 OLD INDIAN ROAD      | CAMPBELL, SUSAN                     | 39 OLD INDIAN RD          |
| 156    | 19.06 |           | 37 OLD INDIAN ROAD      | BYUN, ALEXANDRA & DENNIS            | 37 OLD INDIAN RD          |
| 156    | 29    |           | 57 OLD INDIAN ROAD      | BERRY, CHERISSE                     | 57 OLD INDIAN ROAD        |
| 156    | 29.01 |           | 3 MARGULIS COURT        | AODERLEY, NATHANIEL E & ANGELA C    | 3 MARGULIS CT             |
| 156    | 29.02 |           | 7 MARGULIS COURT        | SIMPKINS, DY SHAWN                  | 7 MARGULIS COURT          |
| 156    | 29.03 |           | 8 MARGULIS COURT        | MOORE, MATTHEW PAUL                 | 8 MARGULIS COURT          |
| 156    | 29.04 |           | 4 MARGULIS COURT        | SNYDER, JASON & TALIA               | 4 MARGULIS CT             |
| 156    | 35    |           | 97-105 OLD INDIAN ROAD  | OLD INDIAN PROPERTIES LLC           | 4 DABBY CT                |
| 156    | 35.01 |           | 109-115 OLD INDIAN ROAD | OLD INDIAN PROPERTIES LLC           | 4 DABBY CT                |
| 157.01 | 11    |           | MT. PLEASANT AVENUE     | COUNTY OF ESSEX                     | 115 CLIFTON AVENUE        |
| 158    | 22    |           | 1 RIDGEWAY AVENUE       | MICHELETT, CHARLES & HORNE, ELLEN   | 1 RIDGEWAY AVENUE         |
| 158    | 27    |           | 5 RIDGEWAY AVENUE       | WILLIAMS, GREGORY & SARAH R         | 5 RIDGEWAY AVE            |
| 158.01 | 40    |           | 681 PROSPECT AVENUE     | THE CHURCH OF HOLY INNOCENTS        | 681 PROSPECT AVENUE       |
| 158.01 | 41    |           | 12 OLD INDIAN ROAD      | MOUNTAINTOP LEAGUE, C/O GUARANO     | 10 BELGRADE TERRACE       |
| 158.01 | 43    |           | 6 RIDGEWAY AVENUE       | ST CLOUD PRESBYTERIAN CHURCH        | 20 OLD INDIAN ROAD        |
| 158.21 | 10    |           | 20 GAVIN ROAD           | JENSEN, VEBRONICA M                 | 20 GAVIN RD               |
| 158.21 | 11.01 |           | 88 OLD INDIAN ROAD      | KADEL, WILLIAM J. & DANIELLE N.     | 88 OLD INDIAN ROAD        |
| 158.21 | 11.02 |           | 92 OLD INDIAN ROAD      | DISHMAN, AKSHAY A & NADUVILAKAVELA  | 92 OLD INDIAN ROAD        |
| 158.21 | 11.03 |           | 96 OLD INDIAN ROAD      | MCCLAMMY, JAMES & MADELYN           | 96 OLD INDIAN ROAD        |
| 158.21 | 15    |           | 100 OLD INDIAN ROAD     | HAWKINS, BARBARA K                  | 100 OLD INDIAN ROAD       |

APPLICANT/OWNER

ESSEX COUNTY COUNTRY CLUB  
350 MT. PLEASANT AVE  
WEST ORANGE, NJ 07052

LEGEND



GENERAL NOTES:

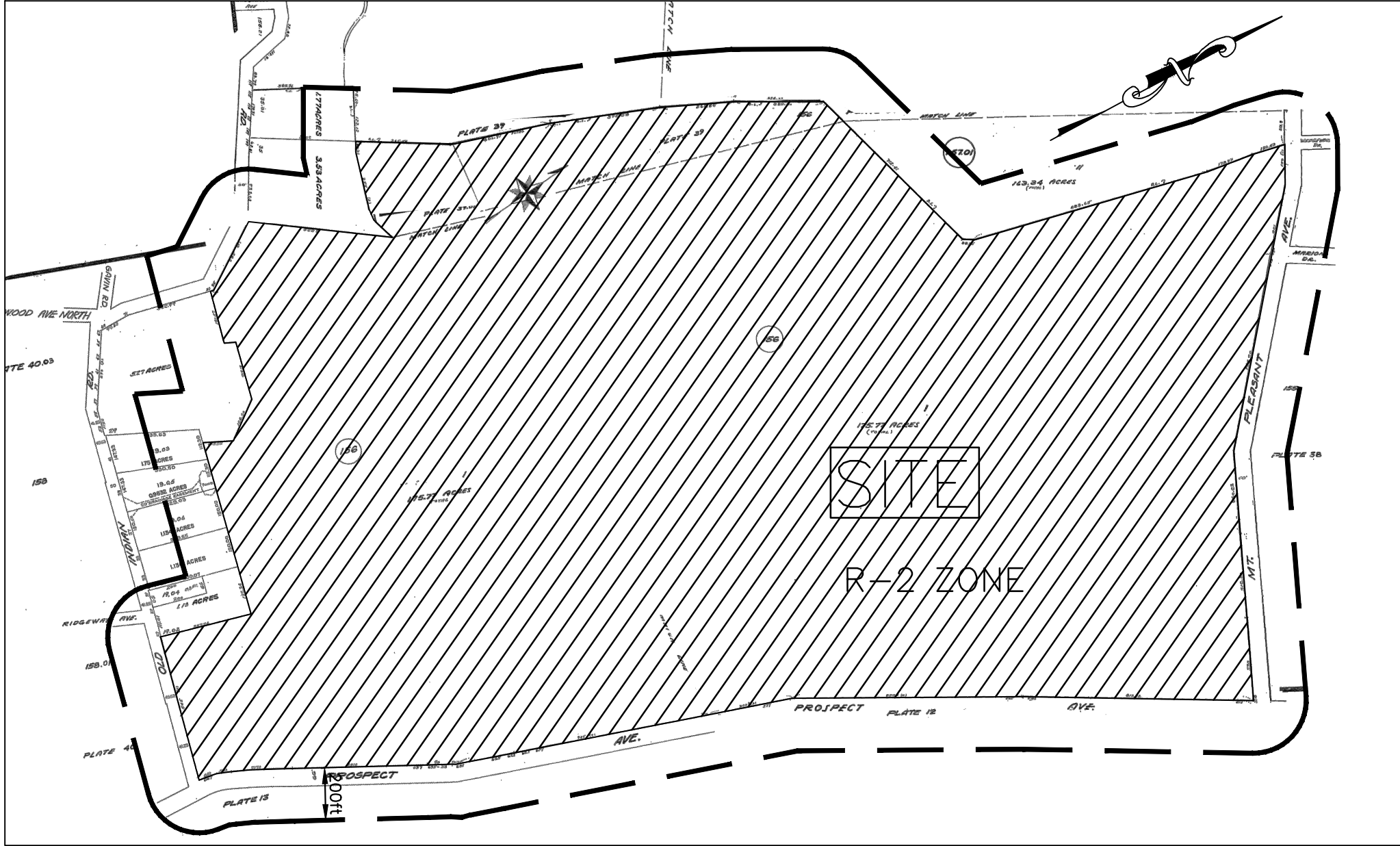
- SITE IS KNOWN AND DESIGNATED AS BLOCK 156, LOT 1 OF THE TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY TAX MAP DATED AUGUST 1986 AND LAST REVISED ON JANUARY 14, 2002, AND ON SHEET 39, 39.01, 39.02 AND 39.03 OF THE TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY.
- SUBJECT SITE PRIVATE GOLF COUNTY CLUB, LOCATED WITHIN THE R-2 SINGLE FAMILY RESIDENTIAL ZONE DISTRICT AS PER THE TOWNSHIP OF WEST ORANGE ZONING MAPS. ACCORDING TO THE TOWNSHIP OF WEST ORANGE ZONING ORDINANCE, SECTION 25-7.1, A GOLF COURSE AND GOLF CLUB HOUSES ARE PERMITTED USE IN R-2 DISTRICT.
- THIS PROJECT INCLUDES THE ABOVE REFERENCED LOTS AND ENCOMPASSES 176.832 ACRES.
- BOUNDARY INFORMATION FOR THE SUBJECT SITE IS BASED UPON MAP ENTITLED "SURVEY OF EAST COURSE ESSEX COUNTY COUNTRY CLUB, TOWN OF WEST ORANGE, ESSEX COUNTY, NJ", PREPARED BY GC STEWART, INC.
- HORIZONTAL (NAD 83) AND VERTICAL DATUM (NAVD1988) BASED ON MAPS ENTITLED "ASBUILT" DATED SEPTEMBER 29, 2015 & "PARTIAL TOPOGRAPHIC SURVEY" DATED MAY 26, 2022; PREPARED BY MATRIX NEW WORLD ENGINEERING, INC.
- THIS PLAN SET CONSISTS OF 7 SHEETS. INDIVIDUAL PAGES SHALL NOT BE UTILIZED FOR CONSTRUCTION ON THEIR OWN AS NOTES AND INFORMATION PROVIDED ON OTHER SHEETS MAY IMPACT WORK REQUIREMENTS. CONTRACTOR SHALL REVIEW AND UTILIZE ENTIRE PLAN SET FOR CONSTRUCTION.
- THESE PLANS HAVE BEEN PREPARED FOR THE PURPOSE OF PRELIMINARY AND FINAL MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THE PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL FINAL APPROVALS HAVE BEEN OBTAINED AND ALL CONDITIONS OF THE APPROVALS HAVE BEEN SATISFIED
- SEE ZONING TABLE ON SITE PLAN SHEET 3 OF 7.

WAIVER REQUEST

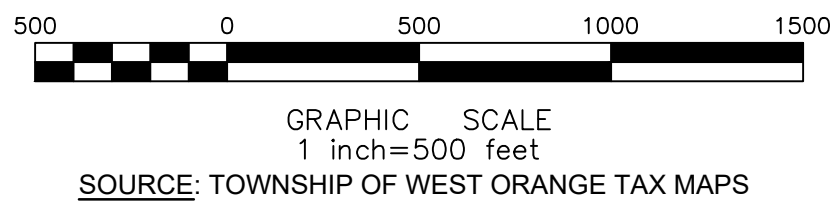
- BOUNDARY SURVEY BY GC STEWART IS OLDER THAN 5 YEARS, WHICH DOES NOT COMPLY WITH THE TOWNSHIP REQUIREMENT
- PROPOSED SITE PLAN DOES NOT PROVIDE ALL EXISTING STREET, WATER COURSES, FLOOD PLAINS, WETLAND OR OTHER ENVIRONMENTALLY SENSITIVE AREAS ON AND WITHIN 200FT OF THE SITE.
- PROPOSED SITE PLAN DOES NOT PROVIDE EXISTING RIGHT-OF-WAY AND/OR EASEMENT ON AND WITHIN 200FT OF TRACT.
- THE PLAN DOES NOT PROVIDE BOUNDARY, LIMITS, NATURE AND EXTENT OF WOODED AREAS, SPECIMEN TREES AND OTHER SIGNIFICANT PHYSICAL FEATURE.
- THE SITE PLAN APPLICATION DOES NOT PROVIDE SOLID WASTE MANAGEMENT PLAN. THE PROPOSED CLUB ADDITION WILL UTILIZE THE EXISTING SOLID WASTE MANAGEMENT PLAN.

# HALF-WAY HOUSE SITE PLAN ESSEX COUNTY COUNTRY CLUB

## BLOCK 156, LOT 1 TOWNSHIP OF WEST ORANGE ESSEX COUNTY, NEW JERSEY



### KEY MAP SCALE: 1" = 500'

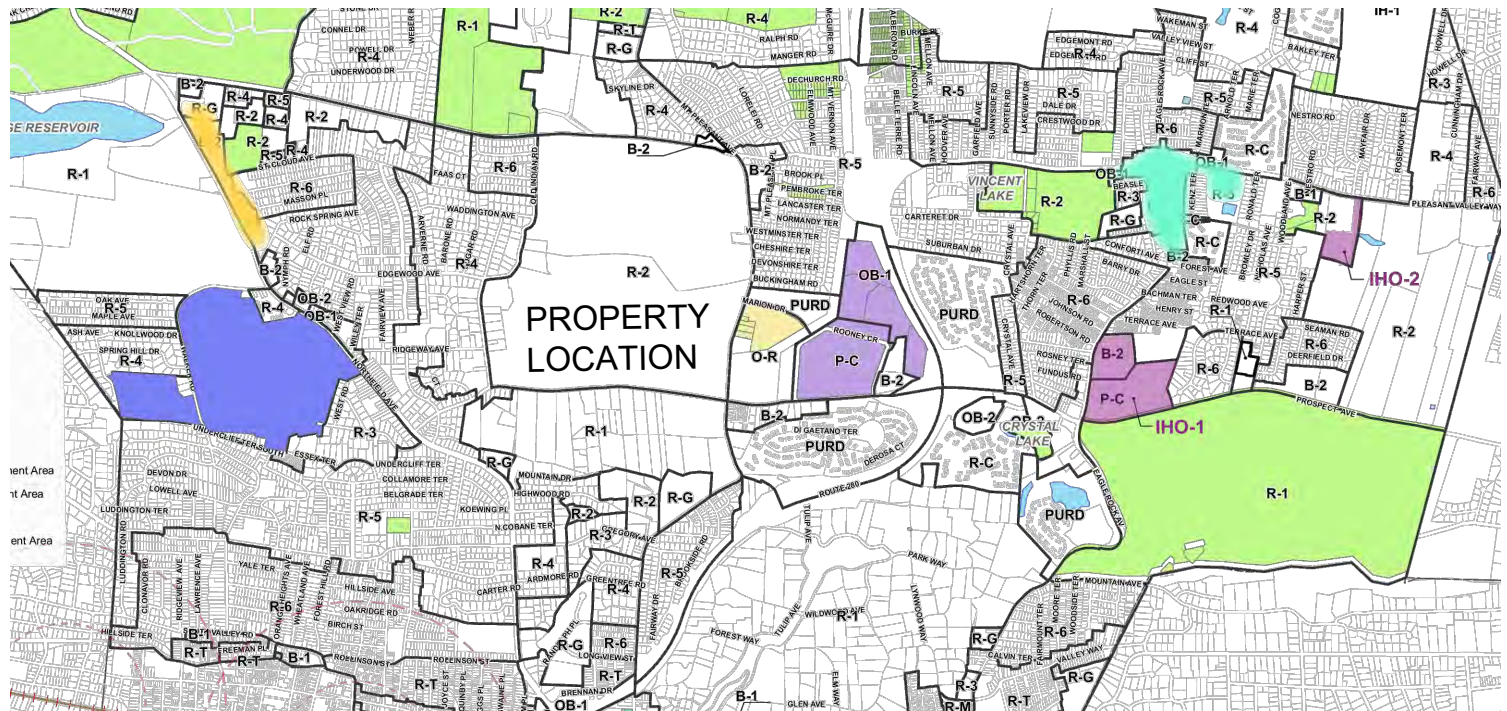


| DRAWING INDEX |                                          |               |
|---------------|------------------------------------------|---------------|
| Sheet No.     | Title                                    | Revision Date |
| 1             | TITLE SHEET                              |               |
| 2             | EXISTING CONDITIONS & SITE CLEARING PLAN |               |
| 3             | SITE PLAN                                |               |
| 4             | GRADING & UTILITY PLAN                   |               |
| 5             | SOIL EROSION & SEDIMENT CONTROL PLAN     |               |
| 6             | CONSTRUCTION DETAILS                     |               |
| 7             | SOIL EROSION & SEDIMENT CONTROL DETAILS  |               |

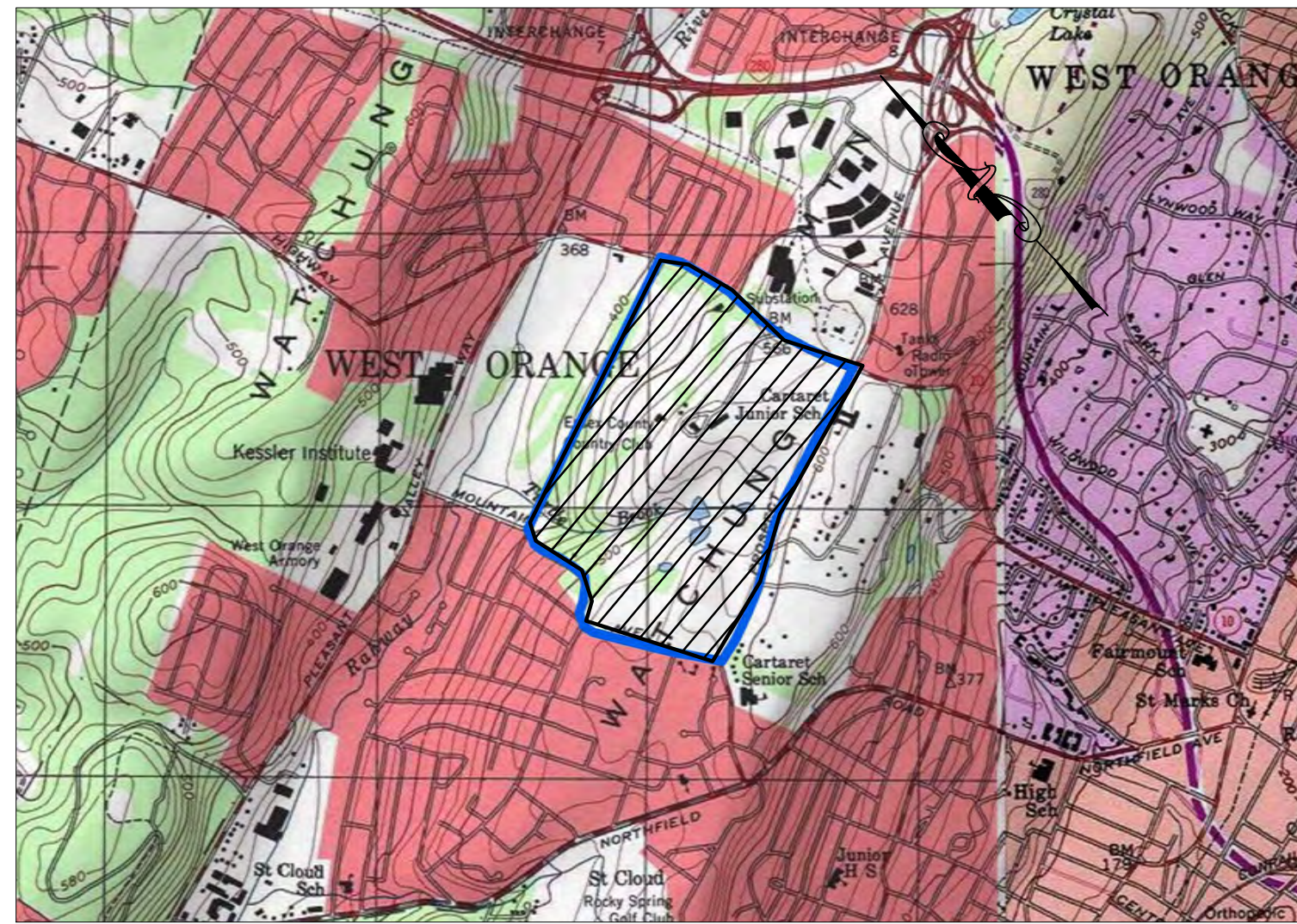
NOTICE TO CONTRACTOR

ATTENTION OF THE CONTRACTOR IS DIRECTED TO THE FACT THAT THE APPROXIMATE LOCATIONS OF KNOWN UTILITY STRUCTURES AND FACILITIES THAT MAY BE ENCOUNTERED WITHIN AND ADJACENT TO THE LIMITS OF WORK AREA ARE SHOWN ON THE PLANS. THE ACCURACY AND COMPLETENESS OF THIS INFORMATION IS NOT GUARANTEED BY THE ENGINEER, AND THE CONTRACTOR IS ADVISED TO VERIFY, IN THE FIELD, ALL THE FACTS CONCERNING THE LOCATION OF THESE UTILITIES AND OTHER CONSTRUCTION OBSTACLES PRIOR TO THE START OF CONSTRUCTION. FURTHER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER, IN WRITING, PRIOR TO THE START OF CONSTRUCTION, OF ANY DISCREPANCIES WHICH MAY EFFECT THE PROJECT DESIGN.

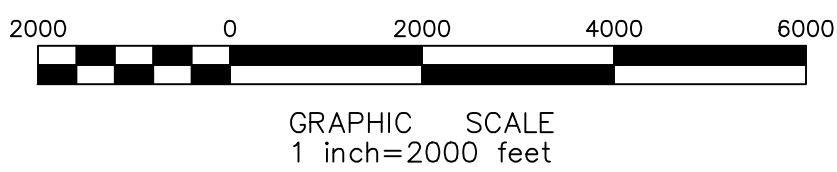
THE CONTRACTOR SHALL CONTACT NEW JERSEY ONE CALL (1-800-272-1000 OR LATEST NUMBER) FOR UTILITY MARKOUT PRIOR TO THE START OF CONSTRUCTION.



### ZONING MAP NTS



### SITE LOCATION MAP SCALE: 1" = 2000'



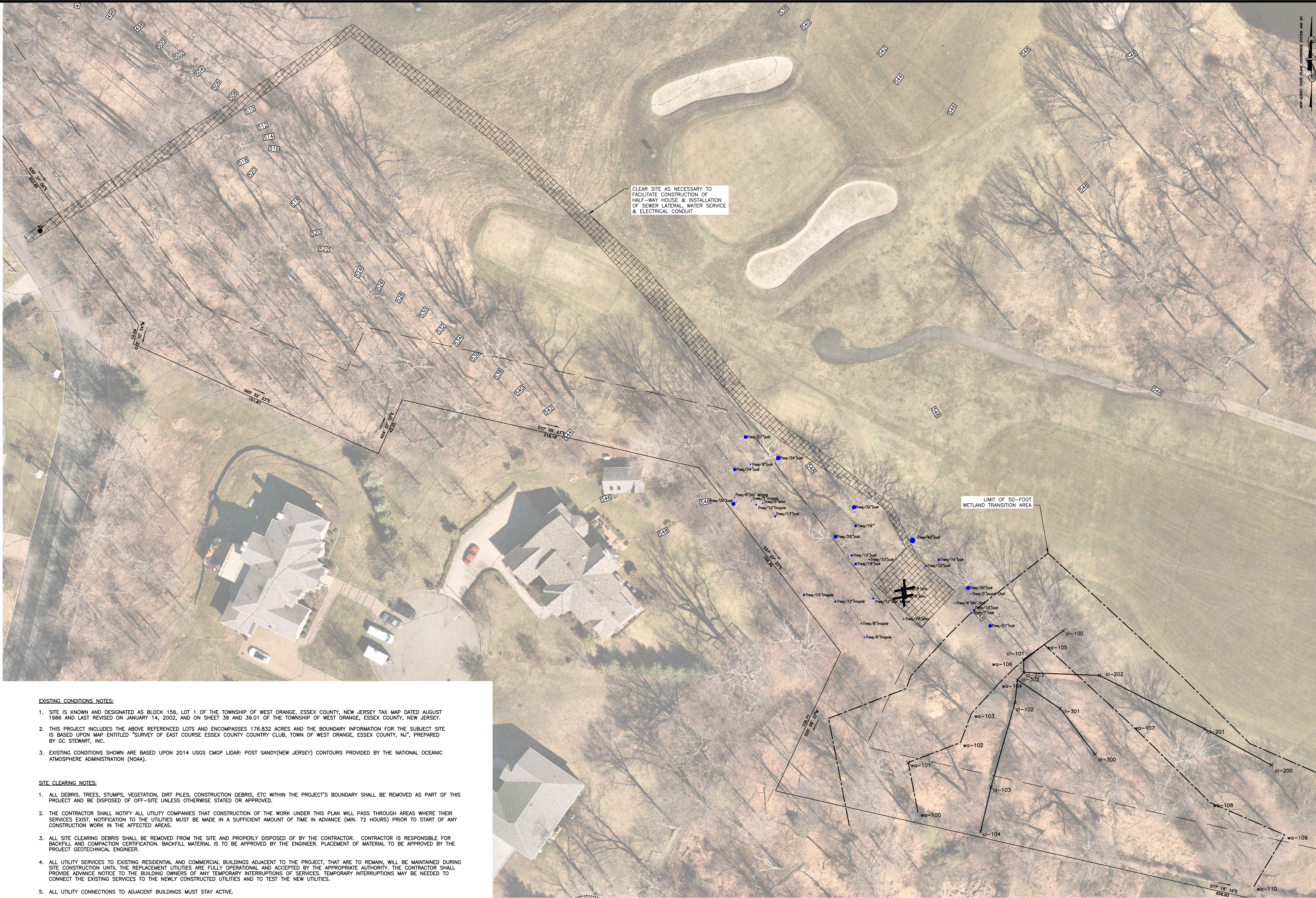
APPROVED BY THE  
TOWNSHIP OF WEST ORANGE  
PLANNING BOARD

CHAIRPERSON \_\_\_\_\_ DATE \_\_\_\_\_  
SECRETARY \_\_\_\_\_ DATE \_\_\_\_\_  
TOWNSHIP ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_

UTILITY CONTACTS

JOINT MEETING ESSEX & UNION  
500 SOUTH FIRST STREET, ELIZABETH, NJ, 07020  
NEW JERSEY AMERICAN WATER COMPANY  
1025 LAUREL OAK ROAD, VORHEES, NJ 08043  
1-800-652-6987  
PUBLIC SERVICE ELECTRIC AND GAS  
2000 FRANK E RODGERS BLVD S, HARRISON, NJ, 07029  
1-800-436-7734

|                                  |              |              |     |       |      |      |
|----------------------------------|--------------|--------------|-----|-------|------|------|
| DESIGNED BY:                     | REVIEWED BY: | RELEASED BY: | NO. | DATE: | REV. | REL. |
| PAUL T. CALABRESE, P.E.          |              |              |     |       |      |      |
| NEW JERSEY PROFESSIONAL ENGINEER |              |              |     |       |      |      |
| LICENSE NO. 2460448050           |              |              |     |       |      |      |
| 01/11/2024                       |              |              |     |       |      |      |
| DATE                             |              |              |     |       |      |      |
| PROJECT NUMBER:                  |              |              |     |       |      |      |
| DATE:                            | 01/11/2024   |              |     |       |      |      |
| SCALE:                           | AS SHOWN     |              |     |       |      |      |
| SHEET                            | 1            | OF           | 7   |       |      |      |

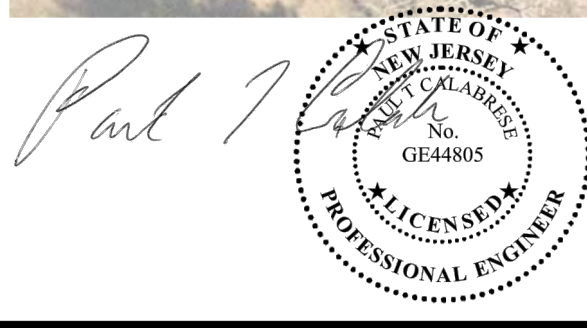


**EXISTING CONDITIONS NOTES:**

- SITE IS KNOWN AND DESIGNATED AS BLOCK 156, LOT 1 OF THE TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY TAX MAP DATED AUGUST 1986 AND LAST REVISED ON JANUARY 14, 2002, AND ON SHEET 39 AND 39.01 OF THE TOWNSHIP OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY.
- THIS PROJECT INCLUDES THE ABOVE REFERENCED LOTS AND ENCOMPASSES 176.632 ACRES AND THE BOUNDARY INFORMATION FOR THE SUBJECT SITE IS BASED UPON MAP ENTITLED "SURVEY OF EAST COURSE ESSEX COUNTY COUNTRY CLUB, TOWN OF WEST ORANGE, ESSEX COUNTY, NJ", PREPARED BY GC STEWART, INC.
- EXISTING CONDITIONS SHOWN ARE BASED UPON 2014 USGS CMGP LIDAR: POST SANDY(NEW JERSEY) CONTOURS PROVIDED BY THE NATIONAL OCEANIC ATMOSPHERE ADMINISTRATION (NOAA).

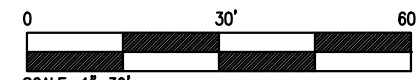
**SITE CLEARING NOTES:**

- ALL DEBRIS, TREES, STUMPS, VEGETATION, DIRT PILES, CONSTRUCTION DEBRIS, ETC WITHIN THE PROJECT'S BOUNDARY SHALL BE REMOVED AS PART OF THIS PROJECT AND BE DISPOSED OF OFF-SITE UNLESS OTHERWISE STATED OR APPROVED.
- THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES THAT CONSTRUCTION OF THE WORK UNDER THIS PLAN WILL PASS THROUGH AREAS WHERE THEIR SERVICES EXIST. NOTIFICATION TO THE UTILITIES MUST BE MADE IN A SUFFICIENT AMOUNT OF TIME IN ADVANCE (MIN. 72 HOURS) PRIOR TO START OF ANY CONSTRUCTION WORK IN THE AFFECTED AREAS.
- ALL SITE CLEARING DEBRIS SHALL BE REMOVED FROM THE SITE AND PROPERLY DISPOSED OF BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR BACKFILL AND COMPACTION CERTIFICATION. BACKFILL MATERIAL IS TO BE APPROVED BY THE ENGINEER. PLACEMENT OF MATERIAL TO BE APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.
- ALL UTILITY SERVICES TO EXISTING RESIDENTIAL AND COMMERCIAL BUILDINGS ADJACENT TO THE PROJECT, THAT ARE TO REMAIN, WILL BE MAINTAINED DURING SITE CONSTRUCTION UNTIL THE REPLACEMENT UTILITIES ARE FULLY OPERATIONAL AND ACCEPTED BY THE APPROPRIATE AUTHORITY. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE TO THE BUILDING OWNERS OF ANY TEMPORARY INTERRUPTIONS OF SERVICES. TEMPORARY INTERRUPTIONS MAY BE NEEDED TO CONNECT THE EXISTING SERVICES TO THE NEWLY CONSTRUCTED UTILITIES AND TO TEST THE NEW UTILITIES.
- ALL UTILITY CONNECTIONS TO ADJACENT BUILDINGS MUST STAY ACTIVE.
- THE CONTRACTOR IS RESPONSIBLE TO ENSURE SHUT OFF, DISCONNECT, AND/OR CAPPING OF ALL UTILITIES TO THE SITE INCLUDING, BUT NOT LIMITED TO, WATER, SEWER, ELECTRIC, CABLE, TELEPHONE, ETC. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL UTILITY SHUT OFFS AND LETTERS, OBTAINING ALL PERMITS TO COMPLETE ALL PHASES OF THE PROJECT AND TO PROVIDE PERIMETER CHAIN LINK FENCING (MIN. 6' HIGH) AND SILT FENCING (MIN. 3' HIGH) FOR THE DURATION OF THE DEMOLITION PROJECT. IN ADDITION, THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A CONSTRUCTION ENTRANCE WITH A SOIL DECONTAMINATION STATION AND MAINTAINING SITE SECURITY. AN APPROVED SOIL EROSION & SEDIMENT CONTROL PLAN WILL BE PROVIDED UPON REQUEST.
- ALL SUITABLE MATERIAL SHALL BE CRUSHED AND STOCKPILED ON SITE. MATERIAL SHALL BE SEPARATED FROM SITE BY STOCKPILING ON 3MM CLEAR PLASTIC. MATERIAL TO BE CRUSHED TO SPECIFICATION PROVIDED BY GEOTECHNICAL ENGINEER FOR STRUCTURAL FILL.



**LEGEND**

- WETLANDS BOUNDARY AS DELINEATED BY WATERMEN, LLC
- LIMIT OF 50-FOOT WETLAND TRANSITION AREA
- CENTERLINE OF STREAM
- REMOVE EXISTING TREE
- SITE CLEARING



EXISTING CONDITIONS & SITE CLEARING PLAN

ESSEX COUNTY COUNTRY CLUB  
IMPROVEMENTS

SITUATED IN  
CITY OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

PROJECT NUMBER:

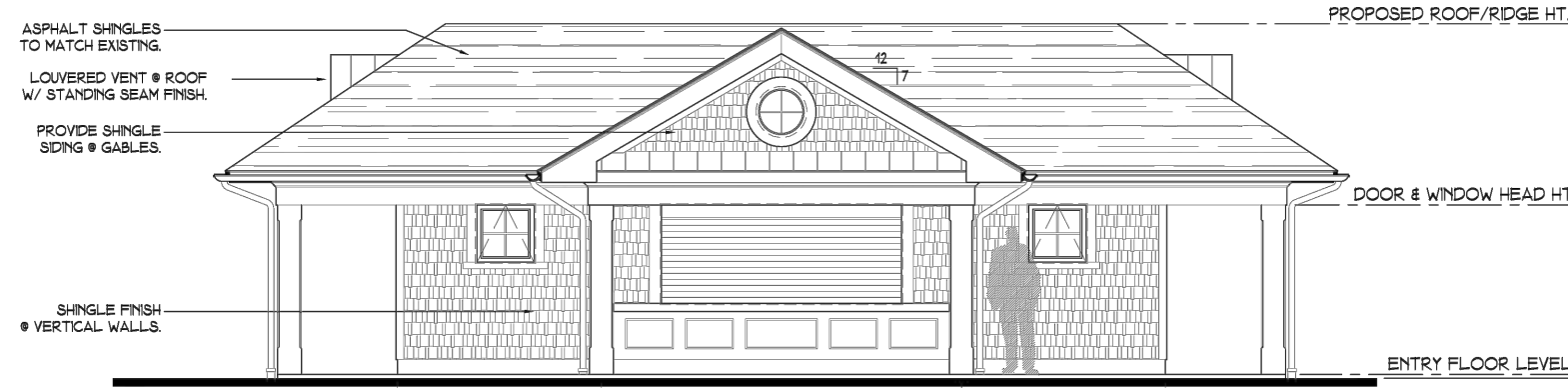
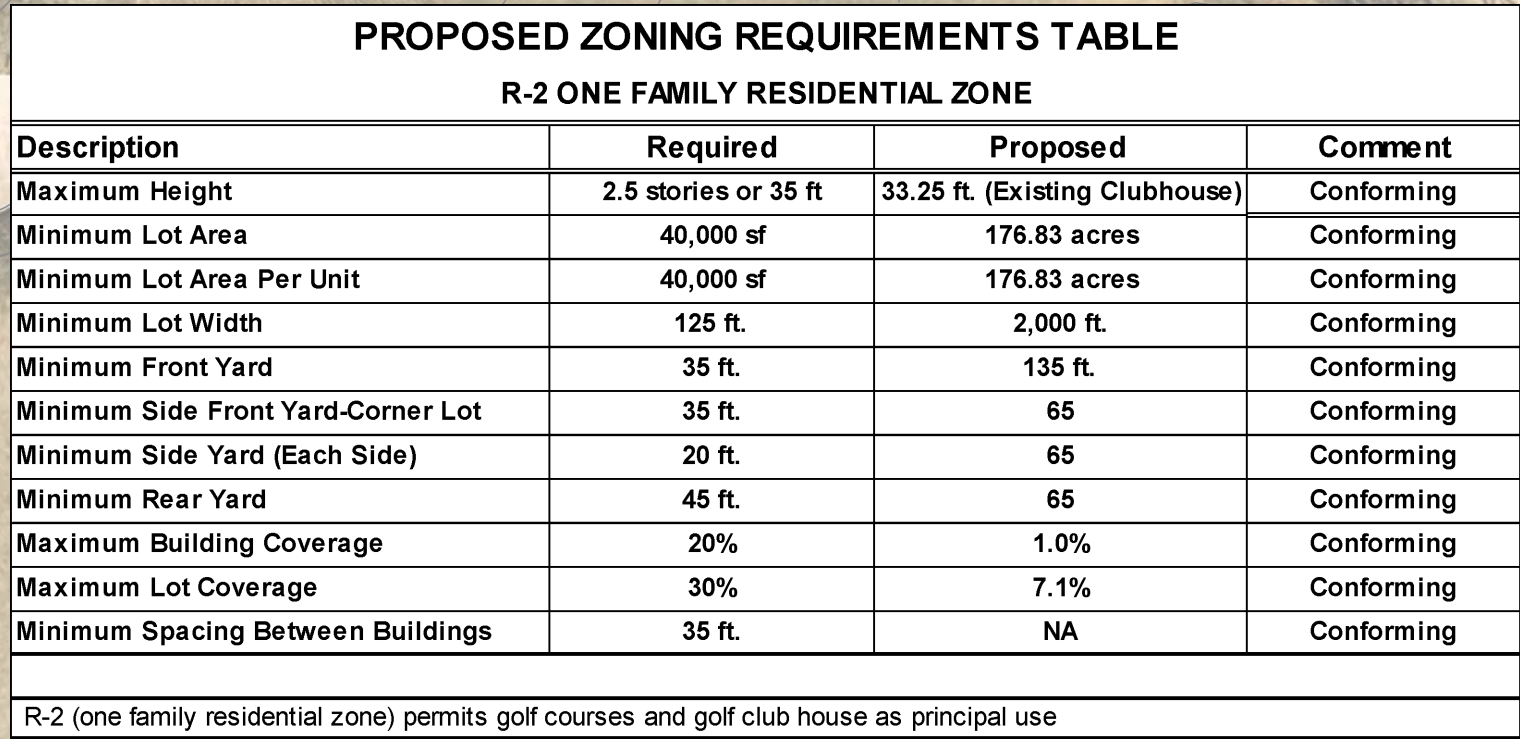
DATE: 01/11/2024

SCALE: AS SHOWN

SHEET 2 OF 7

DESIGNED BY: **PAUL T. CALABRESE, P.E.**  
NEW JERSEY PROFESSIONAL ENGINEER  
LICENSE NO. 24GE0448050  
REVIEWED BY: *Paul T. Calabrese*  
RELEASED BY: *Paul T. Calabrese*  
DATE: 01/11/2024  
REVISIONS

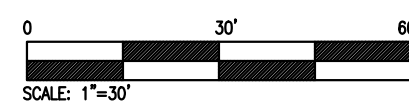
**WATERMEN LLC**  
3107 ATLANTIC AVENUE  
ALLENWOOD, NJ 08820  
Tel: 908-225-6303  
Fax: 908-225-6303  
NJ Certificate of Authorization #1462-2525-0000



-  WETLANDS BOUNDARY AS DELINEATED BY WATERMEN, LLC  
 LIMIT OF 50-FOOT WETLAND TRANSITION AREA  
 CENTERLINE OF STREAM

**NOTES:**

1. EXISTING CONDITIONS SHOWN ARE BASED UPON 2014 USGS CMGP LIDAR: POST SANDY(NEW JERSEY CONTOURS PROVIDED BY THE NATIONAL OCEANIC ATMOSPHERE ADMINISTRATION (NOAA)).



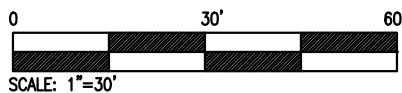


LEGEND

- △-----△ WETLANDS BOUNDARY AS DELINEATED BY WATERMEN, LLC
- LIMIT OF 50-FOOT WETLAND TRANSITION AREA
- CENTERLINE OF STREAM

NOTES:

- EXISTING CONDITIONS SHOWN ARE BASED UPON 2014 USGS CMGP LIDAR; POST SANDY(NEW JERSEY) CONTOURS PROVIDED BY THE NATIONAL OCEANIC ATMOSPHERE ADMINISTRATION (NOAA).



GRADING & UTILITY PLAN

ESSEX COUNTY COUNTRY CLUB  
IMPROVEMENTS

SITUATED IN  
CITY OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

PROJECT NUMBER:

DATE: 01/11/2024

SCALE: AS SHOWN

SHEET 4 OF 7

DESIGNED BY:  
**PAUL T. CALABRESE, P.E.**  
NEW JERSEY PROFESSIONAL ENGINEER  
LICENSE NO. 24GE04480500

REVIEWED BY:

RELEASED BY:

DATE: 01/11/2024

NO.

DESCRIPTION

REVISIONS

DATE

REV.

REL.

DESIGNED BY:

REVIEWED BY:

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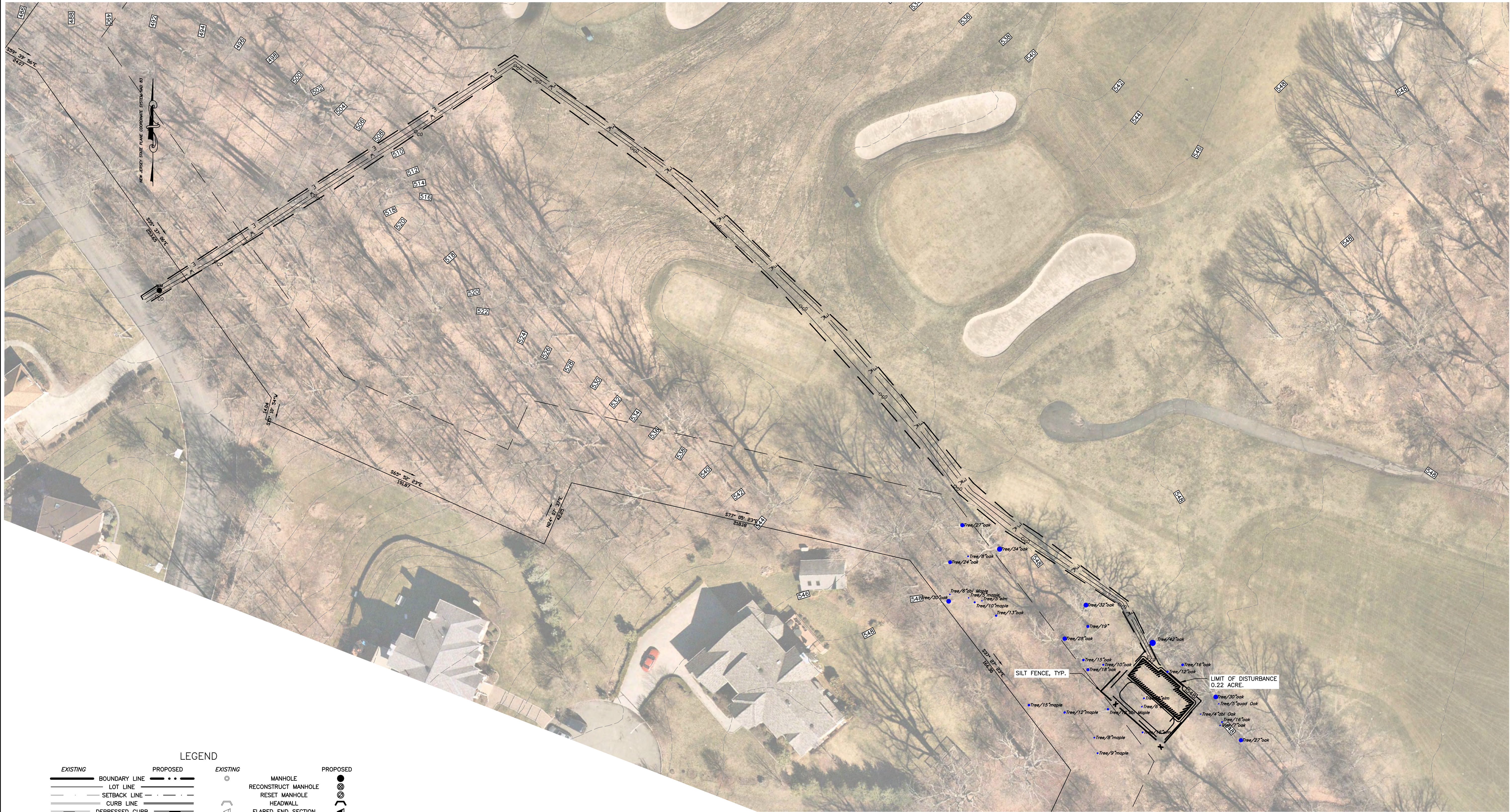
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Plotted: 1/11/2024 12:21 PM, By: Brian Kerney  
C:\Users\bkerney\Dropbox\Essex County CCDWG\Construction Plan\Plot Sheet\Half-Way House Plans\Soil Erosion & Sediment Control Plan recover.dwg(24x36 (2))



# LEGEND

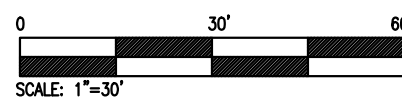
| EXISTING                | PROPOSED             | EXISTING                 | PROPOSED            |
|-------------------------|----------------------|--------------------------|---------------------|
| BOUNDARY LINE           | LOT LINE             | MANHOLE                  | RECONSTRUCT MANHOLE |
| SETBACK LINE            | CURB LINE            | RESET MANHOLE            | HEADWALL            |
| DEPRESSED CURB          | EDGE OF PAVEMENT     | FLARED END SECTION       | CLEANOUT            |
| PAINT LINE              | CONCRETE             | DOWNSPOUT                | WATER MAIN          |
| FENCE                   | GUIDE RAIL           | WATER VALVE              | WATER VALVE RESET   |
| RETAINING WALL/BULKHEAD | TREE LINE            | WATER METER              | FIRE HYDRANT        |
| CONTOURS                | MINOR                | GAS MAIN                 | GAS VALVE           |
| MAJOR                   | SPOT ELEVATION       | GAS VALVE RESET          | GAS METER           |
| HP 56.00                | HP 56.50             | UTILITY POLE             | GUY ANCHOR          |
| TC 105.17               | TC 105.17            | LIMIT OF DISTURBANCE     | SILT FENCE          |
| GR 104.50               | GR 104.50            | SNOW FENCE               | INLET PROTECTION    |
| RIM 100.00              | RIM ELEVATION        | CONSTRUCTION ENTRANCE    | STOCK PILE          |
| TW 100.00               | TOP OF WALL          | PROPOSED TREE PROTECTION |                     |
| BW 98.00                | BOTTOM OF WALL       |                          |                     |
| BB 95.00                | BOTTOM OF BLOCK      |                          |                     |
| FF 95.00                | FINISHED FLOOR ELEV. |                          |                     |
| GF 95.00                | GARAGE FLOOR ELEV.   |                          |                     |
| DRAINAGE FLOW DIRECTION | STORM DRAIN          |                          |                     |
| INLET                   | DOUBLE INLETS        |                          |                     |
| RECONSTRUCT INLET       | RESET INLET          |                          |                     |

## SOIL COMPACTION EXEMPTION NOTE

AS DETERMINED BY THE STATE POLICY MAP, THE PROJECT AREA FALLS WITHIN THE METROPOLITAN PLANNING AREA (PA1). UNDER EXISTING CONDITIONS, THE SITE IS NOT COVERED IN WOODY VEGETATION NOR REGROWTH. IN ACCORDANCE WITH NEW JERSEY STANDARD FOR LAND GRADING (REVISED 2017), NON WOODY VEGETATED PA1 AREAS FALL UNDER THE SOIL COMPACTION EXEMPTION LIST AS A "URBAN REDEVELOPMENT" AND IS DEFINED BY NJDEP AS "PREVIOUSLY DEVELOPED".

### NOTES:

- EXISTING CONDITIONS SHOWN ARE BASED UPON 2014 USGS CMGP LIDAR: POST SANDY(NEW JERSEY) CONTOURS PROVIDED BY THE NATIONAL OCEANIC ATMOSPHERE ADMINISTRATION (NOAA).



SOIL EROSION & SEDIMENT CONTROL PLAN

ESSEX COUNTY COUNTRY CLUB  
IMPROVEMENTS

SITUATED IN  
CITY OF WEST ORANGE, ESSEX COUNTY, NEW JERSEY

PROJECT NUMBER:

DATE: 01/11/2024

SCALE: AS SHOWN

SHEET 5 OF 7

DESIGNED BY:

PAUL T. CALABRESE, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER  
LICENSE NO. 24G04480500

REVIEWED BY:

RELEASED BY:

NO.

DESCRIPTION

DATE

NEW JERSEY  
STATE OF  
PROFESSIONAL  
ENGINEER  
No. 0000000000  
DATE 01/11/2024



3107 ATLANTIC AVENUE  
ALLENWOOD, NJ 08720  
Tel: 908-224-6303



Plotted: 1/11/2024 8:26 AM, By: Brian Kenney  
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## HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT (HEPSCD) SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES

- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE INSTALLED IN ACCORDANCE WITH THE "NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL," 7TH EDITION LAST REVISED JULY 2017. THESE MEASURES WILL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
- ALL SOIL TO BE EXPOSED OR STOCKPILED FOR A PERIOD OF GREATER THAN 14 DAYS, AND NOT UNDER ACTIVE CONSTRUCTION, WILL BE TEMPORARILY SEEDED AND HAY MULCHED OR OTHERWISE PROVIDED WITH VEGETATIVE COVER. THIS TEMPORARY COVER SHALL BE MAINTAINED UNTIL SUCH TIME WHEREBY PERMANENT RESTABILIZATION IS ESTABLISHED.
- SEEDING DATES: THE FOLLOWING SEEDING DATES ARE BEST RECOMMENDED TO ESTABLISH PERMANENT VEGETATIVE COVER WITHIN MOST LOCATIONS IN THE HEPSCD:  
SPRING - 3/15-5/15, AND FALL - 8/15-10/1.
- SEDIMENT FENCES ARE TO BE PROPERLY TRENCHED AND MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED.
- ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY ONE OF THE PRACTICES ACCEPTED IN THE STANDARDS, AND PROTECTION SHALL REMAIN UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED. STORM DRAINAGE OUTLET POINTS SHALL BE PROTECTED AS REQUIRED BEFORE THEY BECOME FUNCTIONAL.
- 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 TE DOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ALL EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED, MAINTAINED AND CORRECTED BY THE CONTRACTOR. ANY DAMAGE INCURRED BY EROSION SHALL BE RECTIFIED IMMEDIATELY.
- THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT WILL BE NOTIFIED IN WRITING AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBING ACTIVITIES. FAX: (973) 364-0784 OR EMAIL: INFORMATION@HEPSCD.ORG.
- THE APPLICANT MUST OBTAIN A DISTRICT ISSUED REPORT-OF-COMPLIANCE PRIOR TO APPLYING FOR THE CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY FROM THE RESPECTIVE MUNICIPALITY, NJ-DOA OR ANY OTHER CONTROLLING AGENCY. CONTACT THE DISTRICT AT 973-364-0786 TO REQUEST A FINAL INSPECTION, GIVING ADVANCED NOTICE UPON COMPLETION OF THE RESTABILIZATION MEASURES. A PERFORMANCE DEPOSIT MAY BE POSTED WITH THE DISTRICT WHEN WINTER WEATHER OR SNOW COVER PROHIBITS THE PROPER APPLICATION OF SEED, MULCH, FERTILIZER OR HYDRO-SEED.
- PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. DO NOT UTILIZE A FIRE OR GARDEN HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT BASIN. WATER PUMPED OUT OF THE EXCAVATED AREAS CONTAINS SEDIMENTS THAT MUST BE REMOVED PRIOR TO DISCHARGING TO RECEIVING BODIES OF WATER USING REMOVABLE PUMPING STATIONS, SUMP PITS, PORTABLE SEDIMENTATION TANKS AND/OR SILT CONTROL BAGS.
- ALL SURFACES HAVING LAWN OR LANDSCAPING AS FINAL COVER ARE TO BE PROVIDED TOPSOIL PRIOR TO RE-SEEDING, SODDING OR PLANTING. A DEPTH OF 5 INCHES (UNSETTLED) IS RECOMMENDED.
- ALL PLAN REVISIONS MUST BE SUBMITTED TO THE DISTRICT FOR PROPER REVIEW AND APPROVAL.
- A CRUSHED STONE WHEEL CLEANING TRACKING-PAD IS TO BE INSTALLED AT ALL SITE EXITS USING 1 1/2" - 2 1/2" CRUSHED STONE (ASTM 2 OR 3) TO A MINIMUM LENGTH OF 50 FEET AND MINIMUM DEPTH OF 6". ALL DRIVEWAYS MUST BE PROVIDED WITH CRUSHED STONE UNTIL PAVING IS COMPLETE.
- STEEP SLOPES INCURRING DISTURBANCE MAY REQUIRE ADDITIONAL STABILIZATION MEASURES. THESE "SPECIAL" MEASURES SHALL BE DESIGNED BY THE APPLICANT'S ENGINEER AND BE APPROVED BY THE SOIL CONSERVATION DISTRICT.
- THE HUDSON-ESSEX-PASSAIC SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED IN WRITING FOR THE SALE OF ANY PORTION OF THE PROJECT OR FOR THE SALE OF INDIVIDUAL LOTS. NEW OWNERS INFORMATION SHALL BE PROVIDED. ADDITIONAL MEASURES DEEMED NECESSARY BY DISTRICT OFFICIALS SHALL BE IMPLEMENTED AS CONDITIONS WARRANT.

## CONSTRUCTION SEQUENCE

EXACT TIMING FOR DEVELOPMENT OF THIS PROJECT IS NOT KNOWN AT THIS TIME. ITEMS AND DURATIONS OF CONSTRUCTION WILL OCCUR APPROXIMATELY AS FOLLOWS:

| PHASE                                                 | DURATION     |
|-------------------------------------------------------|--------------|
| 1. TEMPORARY SOIL EROSION FACILITIES                  | IMMEDIATELY  |
| 2. CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE         | IMMEDIATELY  |
| 3. INSTALL SILT FENCE                                 | IMMEDIATELY  |
| 4. ROUGH CLEARING AND GRADING                         | 3 WEEKS      |
| 5. CONSTRUCT STORM WATER BASIN                        | 1 WEEK       |
| 6. TEMPORARY SEEDING +                                | IMMEDIATELY  |
| 7. SLOPE & EMBANKMENT PROTECTION                      | 1 WEEK       |
| 8. SANITARY SEWER INSTALLATION                        | 2 WEEKS      |
| 9. STORM SEWER INSTALLATION                           | IMMEDIATELY  |
| 10. INLET PROTECTION                                  | 1 WEEK       |
| 11. CURB & SIDEWALK INSTALLATION                      | 1 WEEK       |
| 12. ROAD SUB-BASE                                     | 1 WEEK       |
| 13. MAINTENANCE OF TEMPORARY EROSION CONTROL MEASURES | CONTINUOUSLY |
| 14. CONSTRUCTION OF THE BUILDING                      | 4 MONTHS     |
| 15. FINAL SEEDING AND LANDSCAPING                     | 2 WEEKS      |
| 16. FINAL PAVEMENT COURSE                             | 1 WEEK       |

\*TEMPORARY SEEDING SHALL ALSO BE PERFORMED WHEN NECESSARY IN ACCORDANCE WITH NOTE NO. 2 OF THE SOIL EROSION AND SEDIMENT CONTROL NOTES.

## SPPP REQUIRED INSPECTIONS AND REPORTS

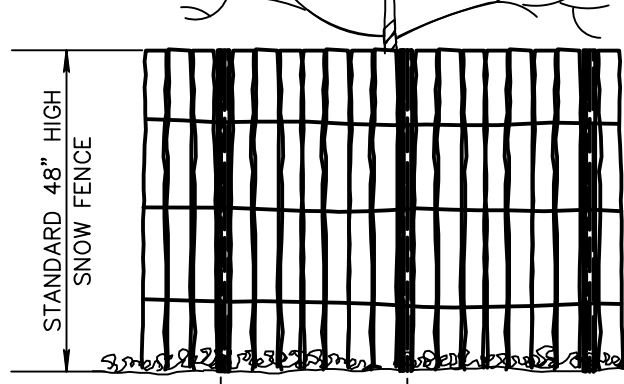
- ROUTINE INSPECTIONS
  - THE PERMITTEE SHALL CONDUCT AND DOCUMENT ROUTINE INSPECTIONS OF THE FACILITY TO IDENTIFY AREAS CONTRIBUTING TO THE STORMWATER DISCHARGE AUTHORIZED BY THIS PERMIT AND EVALUATE WHETHER THE STORMWATER POLLUTION PREVENTION PLAN (SPPP) IDENTIFIED UNDER § 1.1 OF THE 503-CONSTRUCTION ACTIVITY STORMWATER (CS) PART 1 NARRATIVE REQUIREMENTS INCLUDING THE SOIL EROSION AND SEDIMENT CONTROL PLAN IS BEING PROPERLY IMPLEMENTED AND MAINTAINED, OR WHETHER ADDITIONAL MEASURES ARE NEEDED TO IMPLEMENT THE SPPPP. (ROUTINE INSPECTIONS MINIMUM WEEKLY).
  - HIGH ACID PRODUING SOILS WITH A pH OF 4 OR LESS, OR CONTAINING IRON SULFIDE, INCLUDING BORROW FROM CUTS) SHALL BE ULTIMATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT A RATE OF 6 TONS PER ACRE (OR 275 POUNDS PER 1,000 SQUARE FEET OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12 INCHES OF SETTLED SOIL WITH A pH OF 5 OR MORE EXCEPT AS FOLLOWS:  
HIGH ACID PRODUING SOILS WITH A pH OF 4 OR LESS, OR CONTAINING IRON SULFIDE, (INCLUDING BORROW FROM CUTS) SHALL BE ULTIMATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT A RATE OF 6 TONS PER ACRE (OR 275 POUNDS PER 1,000 SQUARE FEET OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12 INCHES OF SETTLED SOIL WITH A pH OF 5 OR MORE EXCEPT AS FOLLOWS:  
OTHER RECORD-KEEPING REQUIREMENTS  
THE CONTRACTOR SHALL KEEP THE FOLLOWING RECORDS RELATED TO CONSTRUCTION ACTIVITIES AT THE SITE:  
- DATES WHEN MAJOR GRADING ACTIVITIES OCCUR AND THE AREAS WHICH WERE GRADED  
- DATES AND DETAILS CONCERNING THE INSTALLATION OF STRUCTURAL CONTROLS  
- DATES WHEN CONSTRUCTION ACTIVITIES CEASE IN AN AREA  
- DATES WHEN AN AREA IS STABILIZED, EITHER TEMPORARILY OR PERMANENTLY  
- DATES OF RAINFALL AND THE AMOUNT OF RAINFALL  
- DATES AND DESCRIPTIONS OF THE CHARACTER AND AMOUNT OF ANY SPILLS OF HAZARDOUS MATERIALS  
- RECORDS OF REPORTS FILED WITH REGULATORY AGENCIES IF REPORTABLE QUANTITIES OF HAZARDOUS MATERIALS SPILLED  
- A VISIBLE SIGN SHALL BE POSTED ON THE SITE TO IDENTIFY THE LOCATION OF SPPP
  - REPORTS OF NONCOMPLIANCE
    - ALL INSTANCES OF NONCOMPLIANCE NOT REPORTED UNDER N.J.A.C. 7:140A-6.10 SHALL BE REPORTED TO THE DEPARTMENT ANNUALLY.
    - NOTIFICATION OF COMPLETION
      - THE SOIL CONSERVATION DISTRICT WILL PROVIDE THE DEPARTMENT A COPY OF THE REPORT OF COMPLIANCE ISSUED UNDER N.J.A.C. 2:90-1 FOR COMPLETED CONSTRUCTION ACTIVITIES, EXCEPT SINGLE FAMILY HOME CONSTRUCTION UNDER 6. BELOW. THE REPORT OF COMPLIANCE SHALL SERVE AS THE NOTIFICATION OF COMPLETION.
      - THE BUILDER OF A SINGLE FAMILY HOME THAT IS AUTHORIZED UNDER THIS PERMIT, BUT NOT WITHIN THE DEFINITION OF "PROJECT" AT N.J.S.A. 4:24-41G, SHALL SEND A COPY OF THE REPORT OF COMPLIANCE TO THE DEPARTMENT. THE REPORT OF COMPLIANCE SHALL SERVE AS THE NOTIFICATION OF COMPLETION.
      - THE DOT SHALL PROVIDE WRITTEN NOTIFICATION TO THE DEPARTMENT WHEN DOT CERTIFIED PROJECTS ARE COMPLETED.
- ANNUAL REPORTS AND CERTIFICATIONS.
  - THE PERMITTEE SHALL PREPARE AN ANNUAL REPORT SUMMARIZING EACH INSPECTION PERFORMED UNDER 1.A. ABOVE. THE REPORT SHALL BE COMPLETED BY THE PERMITTEE, CERTIFICATION, ON A FORM PROVIDED BY THE NJDEP THAT THE FACILITY IS IN COMPLIANCE WITH ITS SPPPP AND THIS PERMIT, EXCEPT THAT IF THERE ARE ANY INCIDENTS OF NONCOMPLIANCE, THOSE INCIDENTS SHALL BE IDENTIFIED IN THE CERTIFICATION. IF THERE ARE INCIDENTS OF NONCOMPLIANCE, THE REPORT SHALL IDENTIFY THE STEPS BEING TAKEN TO REMEDY THE NONCOMPLIANCE AND THE REPORTING PARTY SHALL SIGN THE CERTIFICATION. THE REPORT AND CERTIFICATION SHALL BE SIGNED AND DATED BY THE PERMITTEE IN ACCORDANCE WITH N.J.A.C. 7:144A-4.8, AND SHALL BE MAINTAINED FOR A PERIOD OF AT LEAST FIVE YEARS ALONG WITH COPIES OF ALL REPORTS AND RECORD KEEPING. THIS PERIOD MAY BE EXTENDED BY WRITTEN REQUEST FROM THE DEPARTMENT AT ANY TIME (SEE N.J.A.C. 7:144A-6.6).
  - REPORTS OF NONCOMPLIANCE
    - ALL INSTANCES OF NONCOMPLIANCE NOT REPORTED UNDER N.J.A.C. 7:140A-6.10 SHALL BE REPORTED TO THE DEPARTMENT ANNUALLY.
    - NOTIFICATION OF COMPLETION
      - THE SOIL CONSERVATION DISTRICT WILL PROVIDE THE DEPARTMENT A COPY OF THE REPORT OF COMPLIANCE ISSUED UNDER N.J.A.C. 2:90-1 FOR COMPLETED CONSTRUCTION ACTIVITIES, EXCEPT SINGLE FAMILY HOME CONSTRUCTION UNDER 6. BELOW. THE REPORT OF COMPLIANCE SHALL SERVE AS THE NOTIFICATION OF COMPLETION.
      - THE BUILDER OF A SINGLE FAMILY HOME THAT IS AUTHORIZED UNDER THIS PERMIT, BUT NOT WITHIN THE DEFINITION OF "PROJECT" AT N.J.S.A. 4:24-41G, SHALL SEND A COPY OF THE REPORT OF COMPLIANCE TO THE DEPARTMENT. THE REPORT OF COMPLIANCE SHALL SERVE AS THE NOTIFICATION OF COMPLETION.
      - THE DOT SHALL PROVIDE WRITTEN NOTIFICATION TO THE DEPARTMENT WHEN DOT CERTIFIED PROJECTS ARE COMPLETED.

## MITIGATION NOTES FOR ACIDIC SOIL

- LIMIT THE EXCAVATION AREA AND EXPOSURE TIME WHEN HIGH ACID PRODUCING SOILS ARE ENCOUNTERED.
- TOPSOIL, STRIPPED FROM THE SITE SHALL BE STORED SEPARATELY FROM TEMPORARILY STOCKPILED HIGH ACID PRODUCING SOILS.
- STOCKPILES OF HIGH ACID PRODUCING SOILS SHOULD BE LOCATED ON LEVEL LAND TO MINIMIZE ITS MOVEMENT, ESPECIALLY WHEN THIS MATERIAL HAS A HIGH CLAY CONTENT.
- TEMPORARILY STOCKPILED HIGH ACID PRODUCING SOIL MATERIAL, TO BE EXPOSED MORE THAN 30 DAYS SHOULD BE COVERED WITH PROPERLY ANCHORED, HEAVY GRADE SHEETS OF POLYETHYLENE WHERE POSSIBLE. IF NOT POSSIBLE, STOCKPILES SHALL BE COVERED WITH A MINIMUM OF 3 TO 6 INCHES OF WOOD CHIPS TO MINIMIZE EROSION OF THE STOCKPILE. SILT FENCE SHALL BE INSTALLED AT THE TOE OF SLOPE TO CONTAIN MOVEMENT OF THE STOCKPILED MATERIAL. TOPSOIL SHALL NOT BE APPLIED TO THE STOCKPILES TO PREVENT TOPSOIL CONTAMINATION WITH HIGH ACID PRODUCING SOIL.
- HIGH ACID PRODUCING SOILS WITH A pH OF 4 OR LESS, OR CONTAINING IRON SULFIDE, (INCLUDING BORROW FROM CUTS) SHALL BE ULTIMATELY PLACED OR BURIED WITH LIMESTONE APPLIED AT A RATE OF 6 TONS PER ACRE (OR 275 POUNDS PER 1,000 SQUARE FEET OF SURFACE AREA) AND COVERED WITH A MINIMUM OF 12 INCHES OF SETTLED SOIL WITH A pH OF 5 OR MORE EXCEPT AS FOLLOWS:
  - AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF 24 INCHES OF SOIL WITH A pH OF 5 OR MORE.
  - DISPOSAL AREAS SHALL NOT BE LOCATED WITHIN 24 INCHES OF ANY SURFACE OF A SLOPE OR BANK, SUCH AS BERMS, STREAM BANKS, DITCHES AND OTHERS TO PREVENT POTENTIAL LATERAL LEACHING DAMAGES.
- EQUIPMENT USED FOR MOVEMENT OF HIGH ACID PRODUCING SOILS SHOULD BE CLEANED AT THE END OF EACH DAY TO PREVENT SPREADING OF HIGH ACID SOIL MATERIALS TO OTHER PARTS OF THE SITE, INTO STREAMS OR STORMWATER CONVEYANCES AND TO PROTECT MACHINERY FROM ACCELERATED RUSTING.
- NON VEGETATIVE EROSION CONTROL PRACTICES (STONE TRACKING PADS, STRATEGICALLY PLACED LIMESTONE CHECK DAM, SILT FENCE, WOOD CHIPS) SHOULD BE INSTALLED TO LIMIT THE MOVEMENT OF HIGH ACID PRODUCING SOILS FROM AROUND OR OFF THE SITE.
- FOLLOWING BURIAL OR REMOVAL OF HIGH ACID PRODUCING SOIL, TOPSOILING AND SEEDING OF THE SITE, (SEE TEMPORARY VEGETATIVE COVER FOR SOIL STABILIZATION, PG. 4-1 AND STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY (LATEST EDITION). MONITORING SHOULD CONTINUE FOR APPROXIMATELY 6 TO 12 MONTHS TO ASSURE THERE IS ADEQUATE STABILIZATION AND THAT NO HIGH ACID SOIL PROBLEMS EMERGE. IF PROBLEMS STILL EXIST THE AFFECTED AREA MUST BE TREATED AS IDENTIFIED ABOVE TO CORRECT THE PROBLEM.
- MONITORING OF AREAS WHERE HIGH ACID PRODUCING SOIL HAS BEEN PLACED OR BURIED SHOULD BE PERFORMED FOR AT LEAST 2 YEARS OR LONGER IF PROBLEMS OCCUR, TO ASSURE THERE IS NO MIGRATION OF POTENTIAL ACIDIC LEACHATE.

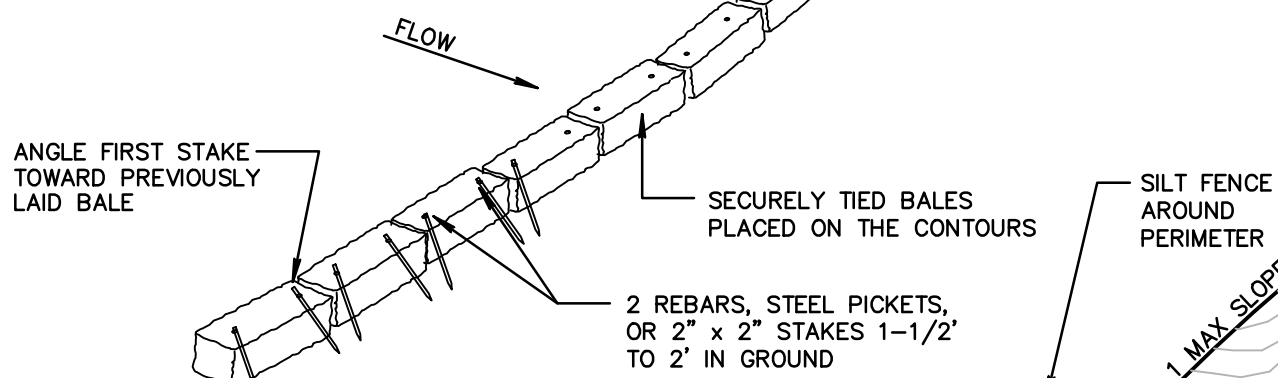
NOTE :

SNOW FENCE SHALL BE IDEALLY LOCATED AT THE OUTER PERIMETER OF THE SPREAD OF THE BRANCHES. IN NO CASE SHALL IT BE CLOSER THAN 10' TO THE TRUNK. NO CONSTRUCTION MATERIALS, FILL, TOPSOIL, SOIL, ETC. SHALL BE STORED INSIDE THIS FENCE. EXISTING ELEVATIONS WITHIN THE FENCING AREA SHALL REMAIN UNCHANGED AND SOIL SHALL BE LEFT UNDISTURBED. (TO BE USED FOR SPECIMEN TREES IF IN THE VICINITY OF CLEARING OPERATION)



## TREE PROTECTION

NOT TO SCALE



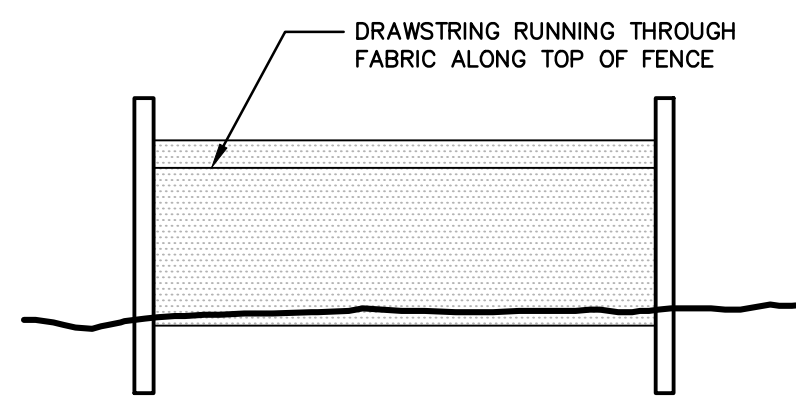
## PLACEMENT & ANCHORING BALE SEDIMENT BARRIERS

NOT TO SCALE

## CONSTRUCTION SITE WASTE CONTROL COMPONENT OF THE STORMWATER POLLUTION PREVENTION PLAN (SPPP)

(THIS IS FOR CONSTRUCTION WASTE ONLY)

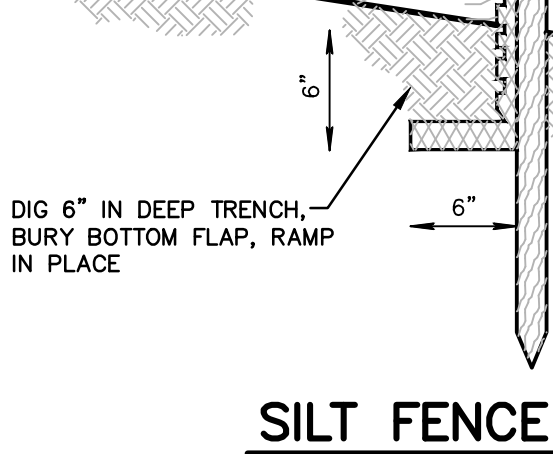
- THE CONSTRUCTION SITE WASTE CONTROL COMPONENT OF THE SPPP CONSISTS OF THE REQUIREMENTS LISTED IN 1.1 AND 4. BELOW. THESE REQUIREMENTS BECOME OPERATIVE ON MARCH 3, 2004 AND APPLY TO CONSTRUCTION ACTIVITIES THAT COMMENCE ON OR AFTER MARCH 3, 2004. ANY NEW CONSTRUCTION ACTIVITY FOR WHICH AN RFA IS SUBMITTED ON OR AFTER MARCH 3, 2004 OR WHICH WILL RECEIVE AUTOMATIC RENEWAL OR AUTHORIZATION UNDER THIS PERMIT AFTER MARCH 3, 2004 ALSO SHALL COMPLY WITH THESE REQUIREMENTS.
- MATERIAL MANAGEMENT TO PREVENT OR REDUCE WASTE - ANY PESTICIDES, FERTILIZERS, FUELS, LUBRICANTS, PETROLEUM PRODUCTS, ANTI-FREEZE, PAINTS AND PAINT THINNERS, CLEANING SOLVENTS AND ACIDS, DETERGENTS, CHEMICAL ADDITIVES, AND CONCRETE CURING COMPOUNDS SHALL BE STORED IN CONTAINERS IN A DRY COVERED AREA. MANUFACTURERS' RECOMMENDED APPLICATION RATES, USES AND METHODS SHALL BE STRICTLY FOLLOWED TO THE EXTENT NECESSARY TO PREVENT OR MINIMIZE THE PRESENCE OF WASTE FROM SUCH MATERIALS IN THE STORMWATER DISCHARGE AUTHORIZED BY THIS PERMIT (THE PRECEDING SENTENCE DOES NOT APPLY TO ANY MANUFACTURERS' RECOMMENDATIONS ABOUT FERTILIZER OR OTHER MATERIAL THAT CONFLICT WITH THE EROSION AND SEDIMENT CONTROL COMPONENT OF THE FACILITY'S SPPP).
- WASTE HANDLING - THE FOLLOWING REQUIREMENTS APPLY ONLY TO CONSTRUCTION SITE WASTE THAT HAS THE POTENTIAL TO BE TRANSPORTED BY THE STORMWATER DISCHARGE AUTHORIZED BY THIS PERMIT. THE HANDLING AT THE CONSTRUCTION SITE OF WASTE BUILDING MATERIAL, AND RUBBLE AND OTHER CONSTRUCTION SITE WASTES, INCLUDING LITTER AND HAZARDOUS AND SANITARY WASTES, SHALL CONFORM WITH THE STATE SOLID WASTE MANAGEMENT ACT, N.J.S.A. 13:1E- ET SEQ., AND ITS IMPLEMENTING RULES AT N.J.A.C. 7:26, 7:28A, AND 7:28B. THE NEW JERSEY PESTICIDE CONTROL CODE AT N.J.A.C. 7:30, THE STATE LITTER STATUTE N.J.S.A. 13:14-(99.3), AND OSHA REQUIREMENTS FOR SANITATION AT 29 C.F.R. 1926 (EXCEPT WHERE SUCH CONFORMANCE IS NOT RELEVANT TO THE STORMWATER DISCHARGE AUTHORIZED BY THIS PERMIT). CONSTRUCTION SITES SHALL HAVE ONE OR MORE DESIGNATED WASTE COLLECTION AREAS ONSITE OR ADJACENT TO THE SITE, AND AN ADEQUATE NUMBER OF CONTAINERS (WITH LIDS OR COVERS) FOR WASTE. WASTE SHALL BE COLLECTED FROM SUCH CONTAINERS BEFORE THEY OVERFLOW, AND SPILLS AT SUCH CONTAINERS SHALL BE CLEANED UP IMMEDIATELY.
  - CONSTRUCTION SITE WASTES INCLUDE BUT ARE NOT LIMITED TO:
    - "CONSTRUCTION AND DEMOLITION WASTE", AS DEFINED IN N.J.A.C. 7:26-1.8 AS FOLLOWS: "WASTE BUILDING MATERIAL AND RUBBLE RESULTING FROM CONSTRUCTION, REMODELING, REPAIR, AND DEMOLITION OF STRUCTURES, INCLUDING BUILDINGS, BUILDINGS, PAVENTMENTS AND OTHER STRUCTURES. THE FOLLOWING MATERIALS MAY BE FOUND IN CONSTRUCTION AND DEMOLITION WASTE: TREATED AND UNTREATED WOOD SCRAP, TREE PARTS, TREE STUMPS AND BRUSH; CONCRETE, ASPHALT, BRICKS, BLOCKS AND OTHER MASONRY; PLASTER AND WALLBOARD; ROOFING MATERIALS; CORRUGATED CARBOARD AND MISCELLANEOUS PAPER; FERROUS AND NON-FERROUS WASTE; INSULATORS BUILDING INSULATION; PLASTIC SCRAP; DIRT; CARPETS AND PADDING, GLASS (WINDOW AND DOOR); AND OTHER MISCELLANEOUS WASTE." BUT SHALL NOT INCLUDE: "WASTE FROM MINING, QUARRYING, OR OTHER EXTRACTIVE, SAMMILING, FARMING OR MANUFACTURING."
    - ANY WASTE BUILDING MATERIAL AND RUBBLE RESULTING FROM SUCH OPERATIONS THAT IS HAZARDOUS FOR PURPOSES OF N.J.A.C. 7:26B (THE HAZARDOUS WASTE RULES).
    - DISCARDED (INCLUDING SPILLED) PESTICIDES, FERTILIZERS, FUELS, LUBRICANTS, PETROLEUM PRODUCTS, ANTI-FREEZE, PAINTS AND PAINT THINNERS, PAINT CHIPS, AND SANDBLASTING GRITS, CLEANING SOLVENTS, ACIDS FOR CLEANING MASONRY SURFACES, DETERGENTS, CHEMICAL ADDITIVES USED FOR SOIL STABILIZATION (E.G. CALCIUM CHLORIDE), AND CONCRETE CURING COMPOUNDS.
    - OTHER "LITTER" AS DEFINED AT N.J.S.A. 13:1E-215.0 AS FOLLOWS: "ANY USED OR UNCONSUMED SUBSTANCE OR WASTE MATERIAL WHICH HAS BEEN DISCARDED WHETHER MADE OF ALUMINUM, GLASS, PLASTIC, RUBBER, PAPER, OR OTHER NATURAL OR SYNTHETIC MATERIAL, OR ANY COMBINATION THEREOF, INCLUDING, BUT NOT LIMITED TO, ANY BOTTLE, JAR OR CAN, OR ANY TOP, CAP OR DETACHABLE PART OF ANY BOTTLE, JAR OR CAN, ANY UNLIGHTED CIGARETTE, CIGAR, MATCH OR ANY FLAMING OR GLOWING MATERIAL, OR ANY GARBAGE, TRASH, REFUSE, DEBRIS, RUBBISH, GRASS CLIPPINGS OR OTHER LAWN OR GARDEN WASTE, NEWSPAPERS, MAGAZINES, GLASS, METAL, PLASTIC OR PAPER CONTAINERS OR OTHER PACKAGING OR CONSTRUCTION MATERIAL, BUT DOES NOT INCLUDE THE WASTE OF THE PRIMARY PROCESSES OF MINOR OR OTHER EXTRACTION PROCESSES, LOGGING, SAMMILING, FARMING OR MANUFACTURING."
    - SANITARY SEWAGE AND SEPTAGE.
    - CONTAMINATED SOILS ENCOUNTERED OR DISCOVERED DURING EARTHMOVING ACTIVITIES OR DURING THE CLEANUP OF A LEAK OR DISCHARGE OF A HAZARDOUS SUBSTANCE.
  - CONCRETE TRUCK WASHOUT - CONCRETE TRUCK WASHOUT ONSITE IS PROHIBITED OUTSIDE DESIGNATED AREAS. DESIGNATED WASHOUT AREAS SHALL BE LINED AND BERMED TO PREVENT DISCHARGES TO SURFACE AND GROUND WATER. HARDENED CONCRETE FROM CONCRETE TRUCKS SHALL BE REMOVED AND PROPERLY DISPOSED OF.
  - SANITARY SEWAGE/SEPTAGE DISPOSAL - DISCHARGES OF RAW SANITARY SEWAGE OR SEPTAGE ONSITE ARE STRICTLY PROHIBITED. ADEQUATE FACILITIES WITH PROPER DISPOSAL SHALL BE PROVIDED AND MAINTAINED ONSITE OR ADJACENT TO THE SITE FOR ALL WORKERS AND OTHER SANITARY NEEDS.
  - SPILLS: DISCHARGE OF HAZARDOUS SUBSTANCES.
    - SPILL KITS SHALL BE AVAILABLE ONSITE OR ADJACENT TO THE SITE FOR ANY MATERIALS THAT ARE LISTED IN 2 ABOVE AND USED OR APPLIED ONSITE. ALL SPILLS OF SUCH MATERIAL SHALL BE CONTAINED AND CLEANED UP IMMEDIATELY. CLEANED UP MATERIALS SHALL BE PROPERLY DISPOSED OF.
    - DISCHARGES OF HAZARDOUS SUBSTANCES (AS DEFINED IN N.J.A.C. 7:1E-1.6) IN CONSTRUCTION SITE WASTES ARE SUBJECT TO THE PROVISIONS OF THE SPILL COMPENSATION AND CONTROL ACT, NJAC 58:10-23.11 ET SEQ. AND OF DEPARTMENT REGULATIONS FOR DISCHARGE OF PETROLEUM AND OTHER HAZARDOUS SUBSTANCES AT NJAC 7:1E. NO DISCHARGE OF HAZARDOUS SUBSTANCES RESULTING FROM AN ONSITE SPILL SHALL BE DEEMED TO BE "PURSUANT TO AND IN COMPLIANCE WITH (THIS) PERMIT" WITHIN THE MEANS OF THE SPILL COMPENSATION AND CONTROL ACT AT NJSA 58:10-23.11C.
    - RELEASES IN EXCESS OF REPORTABLE QUANTITIES (RQ) ESTABLISHED UNDER 40 C.F.R. 110, 117, AND 302 THAT OCCUR WITHIN A 24-HOUR PERIOD MUST BE REPORTED TO THE NATIONAL RESPONSE CENTER (800-424-6802).



FENCE POST - 8 ft ON CENTERS

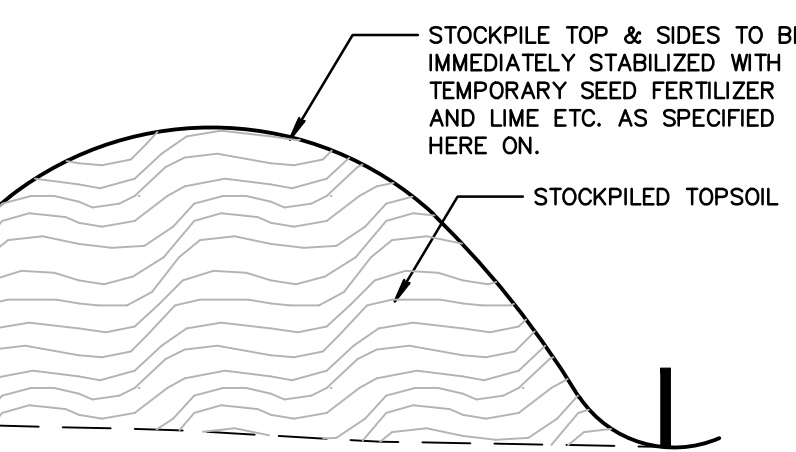
FABRIC SECURED TO POST WITH METAL FASTENERS WITH REINFORCEMENT BETWEEN FASTENER AND FABRIC

SILT ACCUMULATION



SILT FENCE

NOT TO SCALE



## STOCKPILE AREA

NOT TO SCALE

## STANDARD FOR STABILIZATION WITH MULCH ONLY

DEFINITION

STABILIZING EXPOSED SOILS WITH NON-VEGETATIVE MATERIALS.

PURPOSE

TO PROTECT EXPOSED SOIL SURFACES FROM EROSION DAMAGE AND TO REDUCE OFFSITE ENVIRONMENTAL DAMAGE.

CONDITIONS WHERE PRACTICE APPLIES

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO EROSION, WHERE THE SEASON AND OTHER CONDITIONS MAY NOT BE SUITABLE FOR GROWING AN EROSION-RESISTANT COVER OR WHERE STABILIZATION IS NEEDED FOR A SHORT PERIOD UNTIL MORE SUITABLE PROTECTION CAN BE APPLIED. MEASURES WILL NOT BE USED ON AREAS WHERE FLOWING WATER COULD WASH THEM.

METHODS AND MATERIALS

I. SITE PREPARATION

- GRADE, AS NEEDED AND FEASIBLE, TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR APPLYING AND ANCHORING MULCH. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING, PAGE 19.1.
- EMPLOY NEEDED EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION STRUCTURES, SEDIMENT BASINS AND WATERWAYS. SEE STANDARDS 11 THROUGH 42.

II. PROTECTIVE MATERIALS

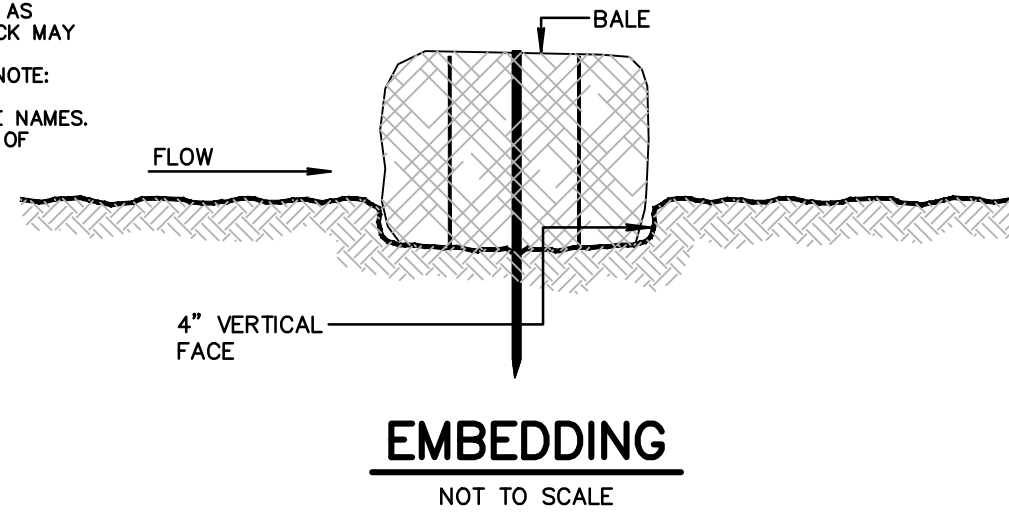
- UNROTTED SMALL-GRAIN STRAW, HAY OR SALT HAY AT 2.0 TO 2.5 TONS PER ACRE IS SPREAD UNIFORMITY AT 80 TO 115 POUNDS PER 1000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING TOOL. LIQUID MULCH BINDERS OR NETTING REDDOWN. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
- ASPHALT EMULSION OR OUTBACK ASPHALT IS RECOMMENDED AT THE RATE OF 600 TO 1,200 GALLONS PER ACRE. THIS IS SUITABLE FOR A LIMITED PERIOD OF TIME WHERE TRAVEL BY PEOPLE, ANIMALS OR MACHINES IS NOT A PROBLEM. THE SEEDING RATE SHALL BE:

| SEED MIXTURE       | PLANTING RATE LBS PER ACRE | LBS PER ACRE | LBS PER ACRE |
|--------------------|----------------------------|--------------|--------------|
| HARD FESCUE        | 120                        | 2.7          |              |
| CREeping FESCUE    | 30                         | 0.7          |              |
| PERENNIAL RYEGRASS | 10                         | 0.25         |              |

\* OPTIMAL SEEDING DATES: 3/1 - 4/30 AND 8/15 - 10/15
- MULCHING WILL BE ACCOMPLISHED PER THE BELOW TEMPORARY SEEDING SPECIFICATION.

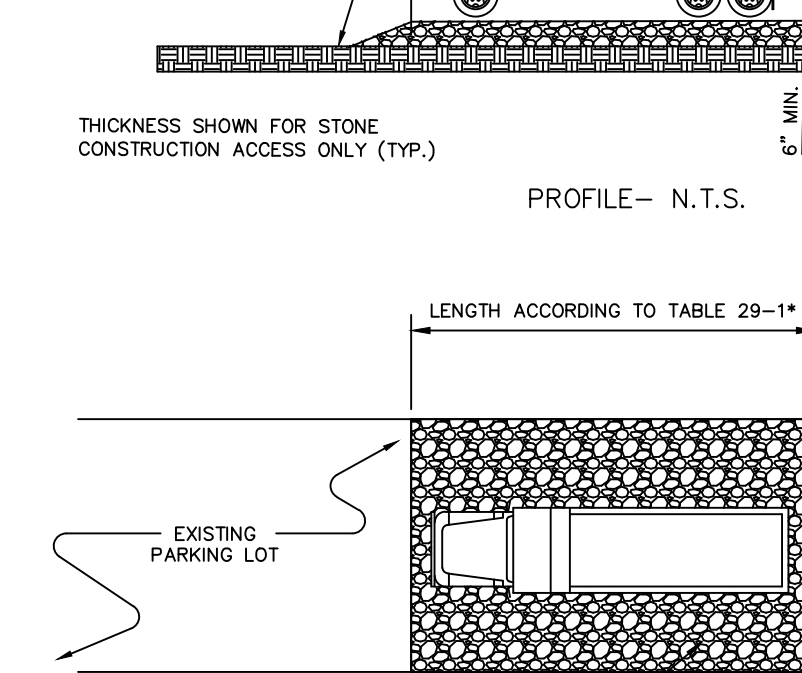
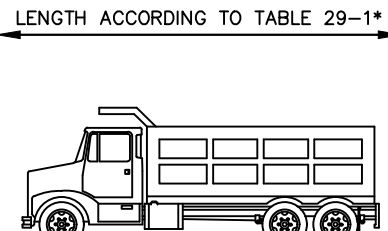
III. MULCH ANCHORING

- MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT OF HAY OR STRAW TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA AND STEEPNESS OF SLOPES.
  - PEG AND TWINE - DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CROSS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
  - MULCH NETTINGS - STAPLE PAPER, COTTON, OR PLASTIC NETTINGS OVER HAY OR STRAW MULCH. USE A DEGRADABLE NETTING IN AREAS TO BE MOVED. NETTING IS USUALLY AVAILABLE IN ROLLS 4 FEET WIDE AND UP TO 300 FEET LONG.
  - MULCH ANCHORING TOOL - A TRACTOR-DRAWN IMPLEMENT ESPECIALLY DESIGNED TO PUNCH AND ANCHOR MULCH INTO THE SOIL SURFACE. THIS PRACTICE AFFORDS MAXIMUM EROSION CONTROL, BUT ITS USE IS LIMITED TO THOSE SLOPES UPON WHICH THE TRACTOR CAN OPERATE SAFELY. TOOL PENETRATION SHOULD BE ABOUT 3 TO 4 INCHES. ON SLOPING LAND, THE OPERATION SHOULD BE DONE ON THE CONTOUR.
- LIQUID MULCH-BINDERS
  - APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH, IN VALLEYS AND AT CRESTS OF BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
  - USE OF ONE OF THE FOLLOWING:
    - EMULSIFIED ASPHALT - (SS-1, CSS-1, CMS-2, MS-2, RS-1, RS-2, CRS-1 AND CRS-2).  
APPLY 0.04 GAL/SQ.YD. OR 194 GAL/ACRE ON FLAT SLOPES AND SLOPES LESS THAN 6 FEET HIGH. ON SLOPES 6 FEET OR MORE HIGH USE 0.075 GAL/SQ. YD. OR 363 GAL/ACRE.
    - ORGANIC AND VEGETABLE BASED BINDERS - NATURALLY OCCURRING, POWDER BASED, HYDROPHILIC MATERIALS. VEGETABLE BASED GELS SHALL BE APPLIED AT RATES AND WEATHER CONDITIONS RECOMMENDED BY THE MANUFACTURER.
    - SYNTHETIC OR ORGANIC BINDERS - BINDERS SUCH AS CURASOL, DCA-70, PETRO-SET AND TERRA-TACK MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH MATERIALS. NOTE: ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE. THESE PRODUCTS TO THE EXCLUSION OF OTHER PRODUCTS.



## EMBEDDING

NOT TO SCALE



\*NOTE: TRACKING PAD SHALL BE ON TOP OF EXISTING DRIVEWAY WITHOUT REMOVING EXISTING ASPHALT.

## CONSTRUCTION ACCESS DETAIL

SCALE: NONE

## STANDARD FOR STORM SEWER INLET PROTECTION

DEFINITION

A TEMPORARY BARRIER AND SETTLING FACILITY INSTALLED AT A STORM SEWER INLET.

PURPOSE

THE PURPOSE OF STORM SEWER INLET PROTECTION IS TO INTERCEPT AND RETAIN SEDIMENT, THUS PREVENTING THE ENTRANCE OF SEDIMENT INTO THE STORM SEWER SYSTEM.

CONDITIONS WHERE PRACTICE APPLIES

- CONTRIBUTING DRAINAGE AREA IS 3 ACRES OR LESS.
- A STORM SEWER OR THE OUTLET CHANNEL OF A STORM SEWER NEEDS PROTECTION FROM SEDIMENT.
- TRAFFIC WILL NOT DESTROY OR CAUSE CONSTANT MAINTENANCE OF THE STORM SEWER INLET PROTECTION.
- A TRAFFIC HAZARD WILL NOT BE CREATED.
- A FLOODING PROBLEM WILL NOT BE CREATED.

WATER QUALITY ENHANCEMENT

THE PRIMARY BENEFIT TO WATER QUALITY IS REMOVAL OF SEDIMENT FROM STORMWATER RUNOFF PRIOR TO ENTERING THE STORM SEWER SYSTEM, AS AN ADDED BENEFIT, OTHER FLOATABLE DEBRIS, SUCH AS VEGETATIVE MATTER AND LITTER MAY ALSO BE FILTERED OUT OF THE RUNOFF.

DESIGN CRITERIA

THE FOLLOWING APPLIES TO ALL METHODS OF STORM SEWER INLET PROTECTION:

- MUST SLOW THE STORM WATER, PROVIDE THE COARSE SEDIMENT PARTICLES A CHANCE TO SETTLE, AND PROVIDE AN AREA TO RETAIN THE PARTICLES THAT HAVE SETTLED.
- IN ALL CASES, THE INLET PROTECTION SHOULD NOT COMPLETELY CLOSE OFF THE INLET.
- THE PROTECTION DEVICE WILL BE DESIGNED TO CAPTURE OR FILTER RUNOFF FROM THE 1 YEAR, 24 HOUR STORM EVENT AND SHALL SAFELY CONVEY HIGHER FLOWS DIRECTLY INTO THE STORM SEWER SYSTEM.

OTHER METHODS THAT ACCOMPLISH THE PURPOSE OF STORM SEWER INLET PROTECTION MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.

INSPECTIONS SHALL BE FREQUENT, MAINTENANCE, REPAIR, AND REPLACEMENT SHALL BE MADE PROMPTLY, AS NEEDED. THE BARRIER SHALL BE REMOVED WHEN THE AREA DRAINING TOWARD THE INLET HAS BEEN STABILIZED.

## DUST CONTROL NOTE

DUST GENERATION SHALL BE CONTROLLED ON A CONSTANT BASIS BY WETTING THE SURFACE AND/OR APPLICATION OF CALCIUM CHLORIDE.

| MATERIAL                       | WATER DILUTION | TYPE OF NOZZLE | APPLY GAL/ACRE |
|--------------------------------|----------------|----------------|----------------|
| ANIONIC ASPHALT EMULSION       | 7:1            | COARSE SPRAY   | 1200           |
| LATEX EMULSION                 | 12.5:1         | FINE SPRAY     | 235            |
| RESIN IN WATER                 | 4:1            | FINE SPRAY     | 350            |
| POLYURETHANE (PU) - SPRAY ON   |                |                |                |
| POLYURETHANE (PU) - DRY SPREAD |                |                |                |
| ACIDULATED SOY BEAN SOAP STICK | NONE           | COARSE SPRAY   | 1200           |

## ADDITIONAL NOTES

- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PERMANENT SOIL EROSION AND SEDIMENT CONTROL MEASURES DURING CONSTRUCTION. THE PROPERTY OWNERS SHALL ASSUME THIS RESPONSIBILITY AFTER CONSTRUCTION IS COMPLETED AND CERTIFICATES OF OCCUPANCY ARE ISSUED.
- THE SOIL EROSION INSPECTOR MAY REQUIRE ADDITIONAL SOIL EROSION MEASURES TO BE INSTALLED, AS DIRECTED BY THE DISTRICT INSPECTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR KEEPING THE ROADWAYS CLEAN AT ALL TIMES. ANY SEDIMENT SPILLED OR TRACKED ON THE ROADWAY WILL BE CLEANED UP IMMEDIATELY, OR AT MINIMUM, AT THE END OF EACH WORK DAY.
- ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON INDIVIDUAL SITES SHALL APPLY TO ANY SUBSEQUENT STEEP SLOPES TO RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR SUITABLE EQUAL (SEE ANCHORING NOTES & NOTE NO. 6 OF SOIL EROSION & SEDIMENT CONTROL NOTES.)
- CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE DEVELOPER TO PROVIDE CONTRIBUTION OF LIME FERTILIZER AND APPLICATION RATES AT THE REQUEST OF THE HUDSON ESSEX PASSAIC SOIL CONSERVATION DISTRICT.
- A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN MUST BE MAINTAINED ON THE PROJECT SITE DURING CONSTRUCTION
- MAXIMUM SLOPE SLOPES OF ALL EXPOSED SURFACES SHALL NOT BE CONSTRUCTED STEEPER THAN 3:1 UNLESS OTHERWISE APPROVED BY THE DISTRICT.
- ALL SOIL EROSION AND SEDIMENTATION STRUCTURES WILL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AND AFTER EVERY STORM EVENT.
- THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORMWATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.
- ALL CATCH BASIN INLETS WILL BE PROTECTED DURING CONSTRUCTION (SEE DETAILS THIS SHEET).

DESIGNED BY: PAUL T. CALABRESE, P.E.  
NEW JERSEY PROFESSIONAL ENGINEER  
LICENSE NO. 24GID048050

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RELEASED BY: [Signature]

DATE: 01/11/2024

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