

ACCESS ROAD CONSTRUCTION SEQUENCE:

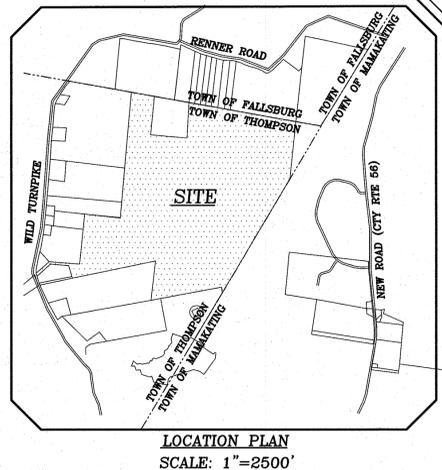
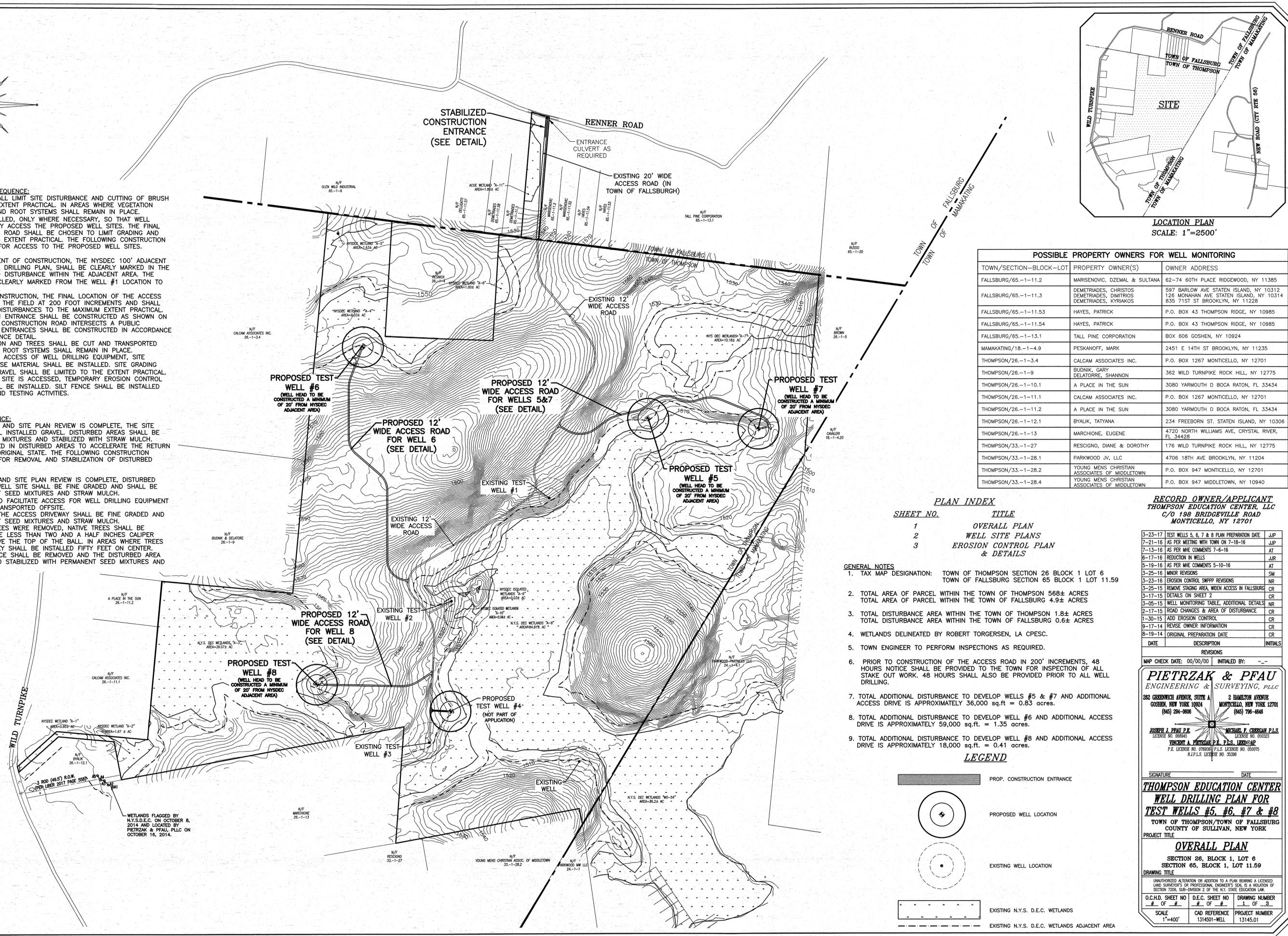
THE SITE CONTRACTOR SHALL LIMIT SITE DISTURBANCE AND CUTTING OF BRUSH AND TREES TO THE GREATEST EXTENT PRACTICAL. IN AREAS WHERE VEGETATION MUST BE CUT, TREE STUMPS AND ROOT SYSTEMS SHALL REMAIN IN PLACE. STONE/GRAVEL SHALL BE INSTALLED, ONLY WHERE NECESSARY, SO THAT WELL DRILLING EQUIPMENT CAN SAFELY ACCESS THE PROPOSED WELL SITES. THE FINAL LOCATION OF THE WELL ACCESS ROAD SHALL BE CHOSEN TO LIMIT GRADING AND TREE CUTTING TO THE MAXIMUM EXTENT PRACTICAL. THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE UTILIZED FOR ACCESS TO THE PROPOSED WELL SITES.

1. PRIOR TO THE COMMENCEMENT OF CONSTRUCTION, THE NYSDEC 100' ADJACENT AREA, SHOWN ON THE WELL DRILLING PLAN, SHALL BE CLEARLY MARKED IN THE FIELD TO AVOID UNINTENDED DISTURBANCE WITHIN THE ADJACENT AREA. THE ADJACENT AREA SHALL BE CLEARLY MARKED FROM THE WELL #1 LOCATION TO THE WELL #3 LOCATION.
2. PRIOR TO ACCESS ROAD CONSTRUCTION, THE FINAL LOCATION OF THE ACCESS ROAD SHALL BE MARKED IN THE FIELD AT 200 FOOT INCREMENTS AND SHALL BE CHOSEN TO LIMIT SITE DISTURBANCES TO THE MAXIMUM EXTENT PRACTICAL.
3. A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AS SHOWN ON THE SITE PLAN WHERE THE CONSTRUCTION ROAD INTERSECTS A PUBLIC THOROUGHFARE. STABILIZED ENTRANCES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE STABILIZED ENTRANCE DETAIL.
4. WHERE REQUIRED, VEGETATION AND TREES SHALL BE CUT AND TRANSPORTED OFFSITE. TREE STUMPS AND ROOT SYSTEMS SHALL REMAIN IN PLACE.
5. WHERE REQUIRED FOR SAFE ACCESS OF WELL DRILLING EQUIPMENT, SITE GRADING AND/OR STONE BASE MATERIAL SHALL BE INSTALLED. SITE GRADING AND THE USE OF STONE/GRAVEL SHALL BE LIMITED TO THE EXTENT PRACTICAL.
6. ONCE THE PROPOSED WELL SITE IS ACCESSED, TEMPORARY EROSION CONTROL DEVICES (SILT FENCE) SHALL BE INSTALLED. SILT FENCE SHALL BE INSTALLED PRIOR TO WELL DRILLING AND TESTING ACTIVITIES.

ACCESS ROAD REMOVAL SEQUENCE:

AFTER WELL DEVELOPMENT AND SITE PLAN REVIEW IS COMPLETE, THE SITE CONTRACTOR SHALL REMOVE ALL INSTALLED GRAVEL. DISTURBED AREAS SHALL BE SEED WITH PERMANENT SEED MIXTURES AND STABILIZED WITH STRAW MULCH. NATIVE TREES SHALL BE PLANTED IN DISTURBED AREAS TO ACCELERATE THE RETURN OF DISTURBED AREAS TO THE ORIGINAL STATE. THE FOLLOWING CONSTRUCTION SEQUENCE SHALL BE UTILIZED FOR REMOVAL AND STABILIZATION OF DISTURBED AREAS.

1. AFTER WELL DEVELOPMENT AND SITE PLAN REVIEW IS COMPLETE, DISTURBED AREAS SURROUNDING THE WELL SITE SHALL BE FINE GRADED AND SHALL BE STABILIZED WITH PERMANENT SEED MIXTURES AND STRAW MULCH.
2. INSTALLED STONE/GRAVEL TO FACILITATE ACCESS FOR WELL DRILLING EQUIPMENT SHALL BE REMOVED AND TRANSPORTED OFFSITE.
3. DISTURBED AREAS ALONG THE ACCESS DRIVEWAY SHALL BE FINE GRADED AND STABILIZED WITH PERMANENT SEED MIXTURES AND STRAW MULCH.
4. IN AREAS WHERE LARGE TREES WERE REMOVED, NATIVE TREES SHALL BE PLANTED AND SHALL NOT BE LESS THAN TWO AND A HALF INCHES CALIPER MEASURED SIX INCHES ABOVE THE TOP OF THE BALL. IN AREAS WHERE TREES ARE TO BE REPLANTED, THEY SHALL BE INSTALLED FIFTY FEET ON CENTER.
5. THE CONSTRUCTION ENTRANCE SHALL BE REMOVED AND THE DISTURBED AREA SHALL BE FINE GRADED AND STABILIZED WITH PERMANENT SEED MIXTURES AND STRAW MULCH.

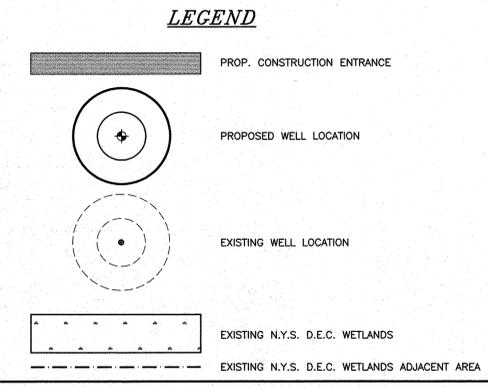


TOWN/SECTION-BLOCK-LOT	PROPERTY OWNER(S)	OWNER ADDRESS
FALLSBURG/65-1-11.2	MARISENOVIC, DZEMAL & SULTANA	62-74 60TH PLACE RIDGEWOOD, NY 11385
FALLSBURG/65-1-11.3	DEMETRIADES, CHRISTOS DEMETRIADES, DIMITRIOS DEMETRIADES, KYRIAKOS	597 BARLOW AVE STATEN ISLAND, NY 10312 126 MONAHAN AVE STATEN ISLAND, NY 10314 835 71ST ST BROOKLYN, NY 11228
FALLSBURG/65-1-11.5.3	HAYES, PATRICK	P.O. BOX 43 THOMPSON RIDGE, NY 10985
FALLSBURG/65-1-11.5.4	HAYES, PATRICK	P.O. BOX 43 THOMPSON RIDGE, NY 10985
FALLSBURG/65-1-13.1	TALL PINE CORPORATION	BOX 606 GOSHEN, NY 10924
MAMAKATING/18-1-4.9	PESKANOFF, MARK	2451 E 14TH ST BROOKLYN, NY 11235
THOMPSON/26-1-3.4	CALCUM ASSOCIATES INC.	P.O. BOX 1267 MONTICELLO, NY 12701
THOMPSON/26-1-9	BUDNIK, GARY DELATORRE, SHANNON	362 WILD TURNPIKE ROCK HILL, NY 12775
THOMPSON/26-1-10.1	A PLACE IN THE SUN	3080 YARMOUTH D BOCA RATON, FL 33434
THOMPSON/26-1-11.1	CALCUM ASSOCIATES INC.	P.O. BOX 1267 MONTICELLO, NY 12701
THOMPSON/26-1-11.2	A PLACE IN THE SUN	3080 YARMOUTH D BOCA RATON, FL 33434
THOMPSON/26-1-12.1	BYALIK, TATYANA	234 FREEBORN ST. STATEN ISLAND, NY 10306
THOMPSON/26-1-13	MARCHIONE, EUGENE	4720 NORTH WILLIAMS AVE, CRYSTAL RIVER, FL 34428
THOMPSON/33-1-27	RESCIGNO, DIANE & DOROTHY	176 WILD TURNPIKE ROCK HILL, NY 12775
THOMPSON/33-1-28.1	PARKWOOD JV, LLC	4706 18TH AVE BROOKLYN, NY 11204
THOMPSON/33-1-28.2	YOUNG MENS CHRISTIAN ASSOCIATES OF MIDDLETOWN	P.O. BOX 947 MONTICELLO, NY 12701
THOMPSON/33-1-28.4	YOUNG MENS CHRISTIAN ASSOCIATES OF MIDDLETOWN	P.O. BOX 947 MIDDLETOWN, NY 10940

PLAN INDEX

SHEET NO.	TITLE
1	OVERALL PLAN
2	WELL SITE PLANS
3	EROSION CONTROL PLAN & DETAILS

- GENERAL NOTES**
1. TAX MAP DESIGNATION: TOWN OF THOMPSON SECTION 26 BLOCK 1 LOT 6
TOWN OF FALLSBURG SECTION 65 BLOCK 1 LOT 11.59
 2. TOTAL AREA OF PARCEL WITHIN THE TOWN OF THOMPSON 568± ACRES
TOTAL AREA OF PARCEL WITHIN THE TOWN OF FALLSBURG 4.9± ACRES
 3. TOTAL DISTURBANCE AREA WITHIN THE TOWN OF THOMPSON 1.8± ACRES
TOTAL DISTURBANCE AREA WITHIN THE TOWN OF FALLSBURG 0.6± ACRES
 4. WETLANDS DELINEATED BY ROBERT TORGENSEN, LA CPESC.
 5. TOWN ENGINEER TO PERFORM INSPECTIONS AS REQUIRED.
 6. PRIOR TO CONSTRUCTION OF THE ACCESS ROAD IN 200' INCREMENTS, 48 HOURS NOTICE SHALL BE PROVIDED TO THE TOWN FOR INSPECTION OF ALL STAKE OUT WORK. 48 HOURS SHALL ALSO BE PROVIDED PRIOR TO ALL WELL DRILLING.
 7. TOTAL ADDITIONAL DISTURBANCE TO DEVELOP WELLS #5 & #7 AND ADDITIONAL ACCESS DRIVE IS APPROXIMATELY 36,000 sq.ft. = 0.83 acres.
 8. TOTAL ADDITIONAL DISTURBANCE TO DEVELOP WELL #6 AND ADDITIONAL ACCESS DRIVE IS APPROXIMATELY 59,000 sq.ft. = 1.35 acres.
 9. TOTAL ADDITIONAL DISTURBANCE TO DEVELOP WELL #8 AND ADDITIONAL ACCESS DRIVE IS APPROXIMATELY 18,000 sq.ft. = 0.41 acres.



RECORD OWNER/APPLICANT
THOMPSON EDUCATION CENTER, LLC
C/O 198 BRIDGEVILLE ROAD
MONTICELLO, NY 12701

DATE	DESCRIPTION	INITIALS
3-23-17	TEST WELLS 5, 6, 7 & 8 PLAN PREPARATION DATE	JUP
7-21-16	AS PER MEETING WITH TOWN ON 7-18-16	JUP
7-13-16	AS PER MHE COMMENTS 7-6-16	AT
6-17-16	REDUCTION IN WELLS	JUR
5-19-16	AS PER MHE COMMENTS 5-10-16	AT
3-25-16	MINOR REVISIONS	SM
3-23-16	EROSION CONTROL SWPPP REVISIONS	NR
3-25-15	REMOVE STAGING AREA, WIDEN ACCESS IN FALLSBURG	CR
3-17-15	DETAILS ON SHEET 2	CR
3-05-15	WELL MONITORING TABLE, ADDITIONAL DETAILS	NR
2-17-15	ROAD CHANGES & AREA OF DISTURBANCE	CR
1-30-15	ADD EROSION CONTROL	CR
9-17-14	REVISE OWNER INFORMATION	CR
8-19-14	ORIGINAL PREPARATION DATE	CR

MAP CHECK DATE: 00/00/00 INITIALED BY: --

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A
GOSHEN, NEW YORK 10924
(645) 294-0606

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(645) 796-4648

JOSEPH J. PFAU P.E.
LICENSE NO. 078938
VINCENT A. PIETRZAK P.E., P.L.S. LEED@P
P.E. LICENSE NO. 078938 P.L.S. LICENSE NO. 050075
N.Y.P.L.S. LICENSE NO. 35396

SIGNATURE: _____ DATE: _____

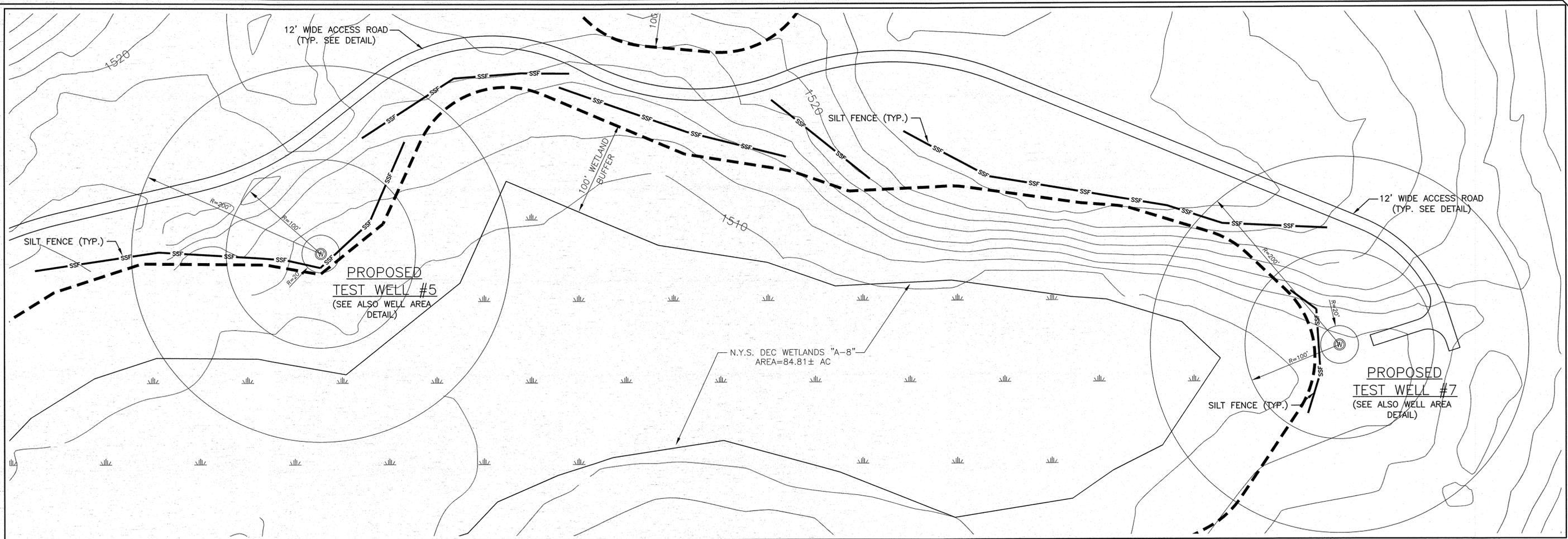
THOMPSON EDUCATION CENTER
WELL DRILLING PLAN FOR
TEST WELLS #5, #6, #7 & #8
TOWN OF THOMPSON/TOWN OF FALLSBURG
COUNTY OF SULLIVAN, NEW YORK
PROJECT TITLE

OVERALL PLAN
SECTION 26, BLOCK 1, LOT 6
SECTION 65, BLOCK 1, LOT 11.59
DRAWING TITLE

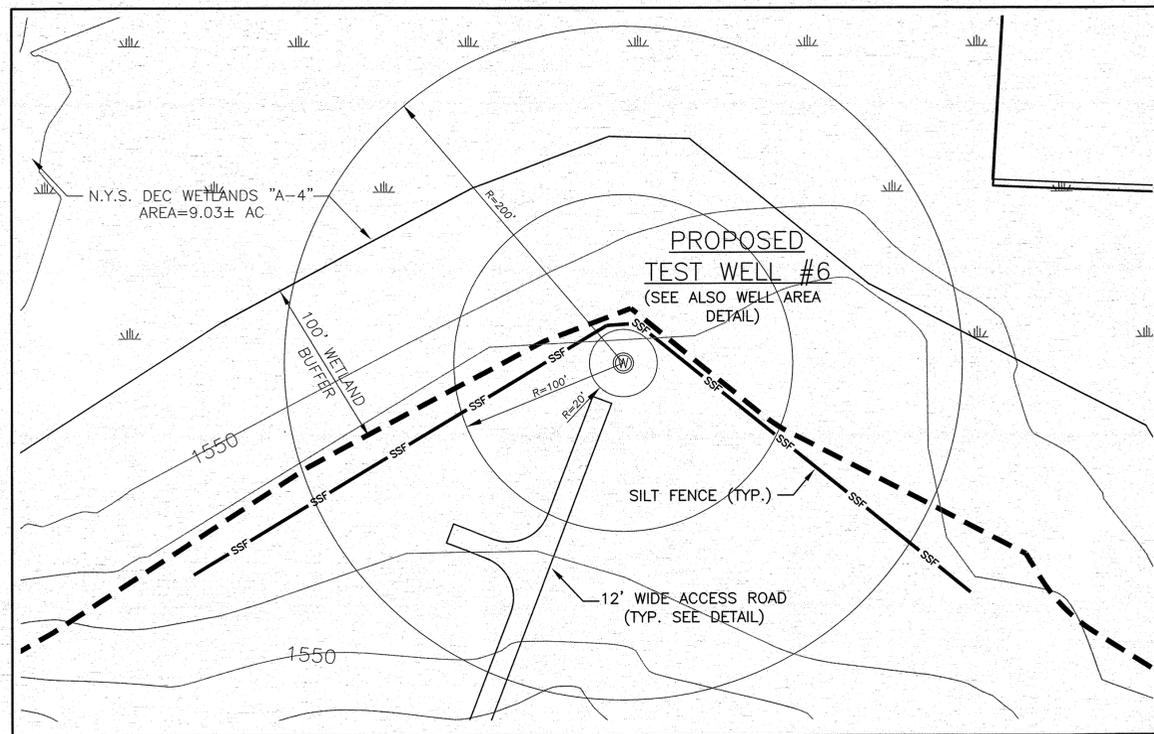
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 2209, SUBSECTION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
1 OF 3	1 OF 3	1 OF 3

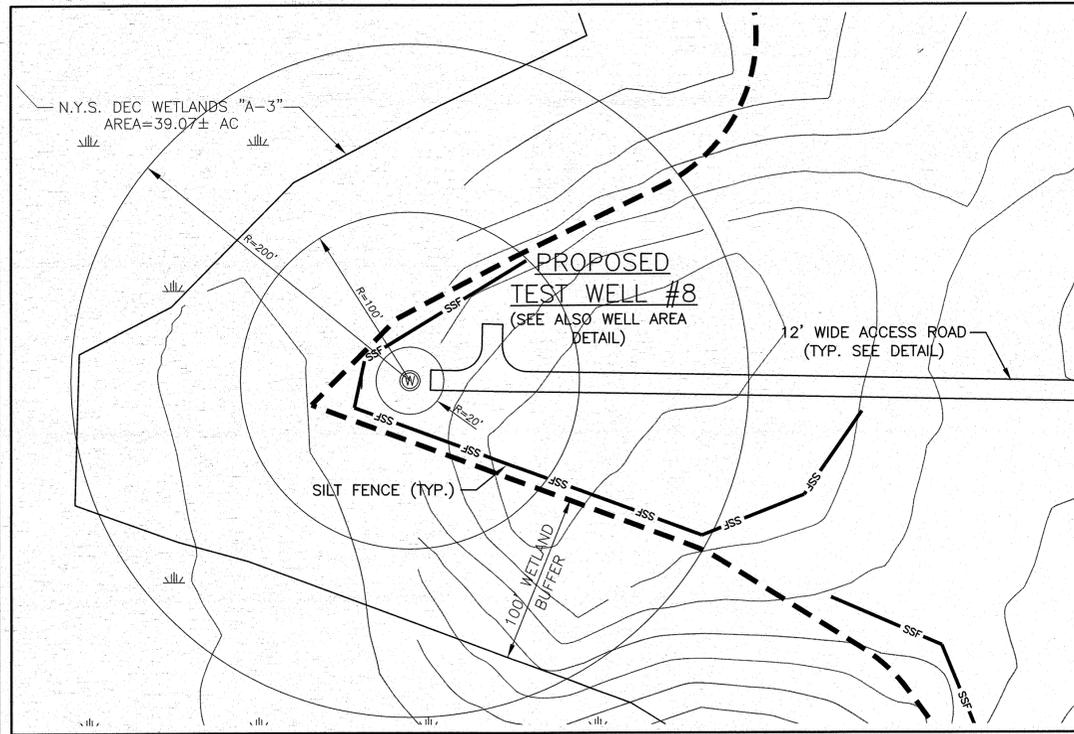
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CAD REFERENCE: 1314501-WELL
PROJECT NUMBER: 13145.01



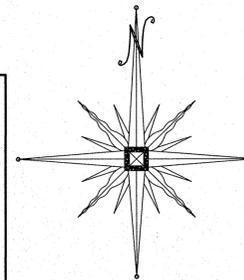
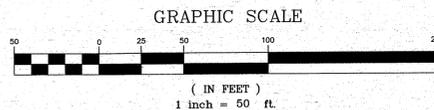
TEST WELLS #5 & #7 SITE PLAN



TEST WELL #6 SITE PLAN



TEST WELL #8 SITE PLAN



DATE	DESCRIPTION	INITIALS
3-23-17	TEST WELLS 5, 6, 7 & 8 PLAN PREPARATION DATE	JUP
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7-13-16	AS PER MHE COMMENTS 7-6-16	AT
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MAP CHECK DATE: 00/00/00 INITIALED BY: --

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ENGINEERING & SURVEYING, PLLC
282 GREENWICH AVENUE, SUITE A GOSHEN, NEW YORK 10924 (845) 294-0606
2 HAMILTON AVENUE MONTICELLO, NEW YORK 12701 (845) 796-4646

JOSEPH L. PFAU, P.E. LICENSE NO. 066945
MICHAEL F. CERRANO, P.L.S. LICENSE NO. 050323
VINCENT A. PIETRZAK, P.E., P.L.S., LEED@AP
P.E. LICENSE NO. 076080; P.L.S. LICENSE NO. 050075
N.Y.P.L.S. LICENSE NO. 35396

SIGNATURE: _____ DATE: _____

THOMPSON EDUCATION CENTER
WELL DRILLING PLAN FOR
TEST WELLS #5, #6, #7 & #8
TOWN OF THOMPSON/TOWN OF FALLSBURG
COUNTY OF SULLIVAN, NEW YORK
PROJECT TITLE

WELL SITE PLANS
SECTION 26, BLOCK 1, LOT 6
SECTION 65, BLOCK 1, LOT 11.59
DRAWING TITLE

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7206, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO. # OF #	D.E.C. SHEET NO. # OF #	DRAWING NUMBER 2 OF 3
SCALE 1"=50'	CAD REFERENCE 1314501-WELL	PROJECT NUMBER 13145.01

RECORD OWNER/APPLICANT
THOMPSON EDUCATION CENTER, LLC
C/O 198 BRIDGEVILLE ROAD
MONTICELLO, NY 12701

EROSION CONTROL NOTES

EROSION CONTROL SEQUENCE:

MEASURES SHALL BE TAKEN TO PREVENT SOIL EROSION DURING PROJECT CONSTRUCTION. ALL FRESHLY DISTURBED AREAS THAT WILL REMAIN DISTURBED FOR MORE THAN A PERIOD OF FOURTEEN (14) DAYS SHALL BE STABILIZED BY TEMPORARY SEEDING AS INDICATED ON THE TEMPORARY SEEDING SCHEDULE. DISTURBED AREAS SHALL BE MINIMAL IN SIZE AND SHALL NOT EXCEED THE APPROVED CLEARING AND GRADING LIMITS. THE FOLLOWING MEASURES SHALL BE IMPLEMENTED AS CONSTRUCTION PROGRESSES:

- THE OWNER OR OPERATOR MUST MAINTAIN A COPY OF THE NOI, NOI ACKNOWLEDGEMENT LETTER, SWPPP AND INSPECTION REPORTS AT THE CONSTRUCTION SITE. THE DOCUMENTS MUST BE MAINTAINED IN A SECURE LOCATION, SUCH AS A JOB TRAILER, ON-SITE CONSTRUCTION OFFICE, OR MAILBOX WITH LOCK; THAT IS ACCESSIBLE DURING NORMAL WORKING HOURS TO A PERSON PERFORMING A COMPLIANCE INSPECTION.
- PRIOR TO COMMENCING CONSTRUCTION ACTIVITIES, THE NYSDEC 100' ADJACENT AREA, SHOWN ON THE WELL DRILLING PLAN, SHALL BE CLEARLY MARKED IN THE FIELD TO AVOID UNINTENDED DISTURBANCE WITHIN THE ADJACENT AREA. THE ADJACENT AREA SHALL BE CLEARLY MARKED FROM THE WELL #1 LOCATION TO THE WELL #3 LOCATION.
- THE FINAL LOCATION OF THE ACCESS ROAD SHALL BE MARKED IN THE FIELD AT 200 FOOT INCREMENTS AND SHALL BE CHOSEN TO LIMIT SITE DISTURBANCE TO THE MAXIMUM EXTENT PRACTICAL.
- STABILIZED CONSTRUCTION ENTRANCES SHALL BE BUILT IN THE AREAS SHOWN ON THE APPROVED PLANS AND ANYWHERE A CONSTRUCTION ROAD INTERSECTS A PUBLIC THROUGHFARE. STABILIZED ENTRANCES SHALL BE BUILT IN ACCORDANCE WITH THE STABILIZED CONSTRUCTION ENTRANCE DETAIL.
- WHERE REQUIRED, VEGETATION AND TREES SHALL BE CUT AND TRANSPORTED OFFSITE. TREE STUMPS AND ROOT SYSTEMS SHALL REMAIN IN PLACE.
- TEMPORARY EROSION CONTROL DEVICES (SILT FENCE) SHALL BE INSTALLED PRIOR TO WELL DRILLING AND TESTING ACTIVITIES.
- AFTER WELL DEVELOPMENT ACTIVITIES, DISTURBED AREAS SURROUNDING THE WELL SITES SHALL BE FINE GRADED, TOPSOILED, AND STABILIZED. PERMANENT VEGETATION AND LANDSCAPING SHALL BE ESTABLISHED.
- INSTALLED STONE/GRAVEL TO FACILITATE ACCESS FOR WELL DRILLING EQUIPMENT SHALL BE REMOVED AND TRANSPORTED OFFSITE.
- DISTURBED AREAS ALONG THE ACCESS DRIVEWAY SHALL BE FINE GRADED AND STABILIZED WITH PERMANENT SEED MIXTURES AND STRAW MULCH.
- IN AREAS WHERE LARGE TREES WERE REMOVED; NATIVE TREES SHALL BE PLANTED IN ACCORDANCE WITH THE ACCESS ROAD REMOVAL NOTES FOUND ON SHEET 1.
- ALL NEWLY SEEDED VEGETATIVE COVER SHALL BE MAINTAINED. WASHOUTS OR POORLY GROWING AREAS SHALL BE CORRECTED AS THEY OCCUR.
- TEMPORARY EROSION CONTROL DEVICES SHALL BE REMOVED ONCE UPSTREAM AREAS HAVE BEEN PERMANENTLY STABILIZED. REMOVAL OF TEMPORARY EROSION CONTROL DEVICES SHALL BEGIN WITH THE MOST UPSTREAM PORTIONS OF THE SITE THEN WORKING DOWNSTREAM.

TEMPORARY SEEDING:

TEMPORARY SEEDING SHALL BE APPLIED ON CONSTRUCTION SITES TO PROTECT AN AREA, OR SECTION, WHERE FINAL GRADING IS COMPLETE, WHEN PREPARING FOR WINTER WORK SHUTDOWN, OR TO PROVIDE COVER WHEN PERMANENT SEEDINGS AREA LIKELY TO FAIL DUE TO MID-SUMMER HEAT AND DROUGHT.

- SEED MIX (SPRING, SUMMER OR EARLY FALL)
- RYEGRASS (ANNUAL OR PERENNIAL) AT 30LBS/ACRE OR 0.7LB/1000 SQFT
- SEED MIX (LATE FALL OR EARLY WINTER)
- CERTIFIED 'AROSTOOK' WINTER RYE (CEREAL RYE) AT 100LBS/ACRE OR 2.5LBS/1000 SQFT
- MULCH
- MULCH THE AREA WITH STRAW AT 2 TONS/ACRE (90LBS/1000SQFT OR 2 BALES)

PERMANENT SEEDING:

ALL WATER CONTROL MEASURES WILL BE INSTALLED AS NEEDED PRIOR TO FINAL GRADING AND SEEDBED PREPARATION. ANY SEVERELY COMPACTED SECTIONS WILL REQUIRE CHISELING OR DISKING TO PROVIDE AN ADEQUATE ROOTING ZONE. TO A MINIMUM DEPTH OF 12". THE SEEDBED MUST BE PREPARED TO ALLOW GOOD SOIL TO SEED CONTACT, WITH THE SOIL NOT TOO SOFT AND NOT TOO COMPACT. ADEQUATE SOIL MOISTURE MUST BE PRESENT TO ACCOMPLISH THIS. IF SURFACE IS POWDER DRY OR STONY, WET, POSTPONE OPERATIONS UNTIL MOISTURE CHANGES TO A FAVORABLE CONDITION. IF SEEDING IS ACCOMPLISHED WITHIN 24 HOURS OF FINAL GRADING, ADDITIONAL SCARIFICATION IS GENERALLY NOT NEEDED, ESPECIALLY ON DITCH AND STREAM BANKS. REMOVE ALL STONES OR OTHER DEBRIS FROM THE SURFACE THAT ARE GREATER THAN 4 INCHES, OR THAT WILL INTERFERE WITH FUTURE MOWING OR MAINTENANCE.

SOIL AMENDMENTS SHOULD BE INCORPORATED INTO THE UPPER 2 INCHES OF SOIL WHEN FEASIBLE. SOIL SHOULD BE TESTED TO DETERMINE THE AMOUNTS OF AMENDMENTS NEEDED. APPLY GROUND AGRICULTURAL LIMESTONE TO ATTAIN A PH OF 6.0 IN THE UPPER 2 INCHES OF SOIL. FERTILIZER SHOULD BE APPLIED IN ACCORDANCE WITH SOIL TESTING. IF FERTILIZER NEEDS ARE UNKNOWN, APPLY COMMERCIAL FERTILIZER AT 600 LBS/ACRE OF 5-10-10 OR EQUIVALENT.

THE OPTIMUM TIMING FOR PERMANENT SEEDING IS EARLY SPRING, LATE JUNE THROUGH EARLY AUGUST IS NOT A GOOD TIME TO SEED DUE TO WINTER WINDS AND HEAT. PERMANENT SEED MIXTURES SHOULD NOT BE USED DURING WINTER/COLD WEATHER MONTHS.

APPLY STRAW MULCH AFTER SOIL AMENDMENTS AND PLANTING IS ACCOMPLISHED OR SIMULTANEOUSLY IF HYDROSEEDING IS USED. APPLY STRAW MULCH AT 2 TON/ACRE (90LBS/1000SQFT) AND ANCHORED WITH WOOD FIBER MULCH (HYDROMULCH) AT 500-750 LBS/ACRE (11-17 LBS/1000SQFT). THE WOOD FIBER MULCH MUST BE APPLIED THROUGH A HYDROSEEDER IMMEDIATELY AFTER MULCHING.

GENERAL SEED MIX:	VARIETY	LBS/ACRE	LBS/1000 SQFT
BIRDSFOOT TREFOLI ¹ OR COMMON WHITE CLOVER ²	EMPIRE/PARDEE COMMON	8 ² 8	0.20 0.20
PLUS			
TALL FESCUE	KY-31/REBEL	20	0.45
PLUS			
REDTOP OR RYEGRASS (PERENNIAL)	COMMON PENNFINE/LINN	2 5	0.05 0.10

¹ADD INOCULANT IMMEDIATELY PRIOR TO SEEDING
²MIX 4LBS EACH OF EMPIRE AND PARDEE OR 4 LBS OF BIRDSFOOT AND 4 LBS WHITE CLOVER PER ACRE.

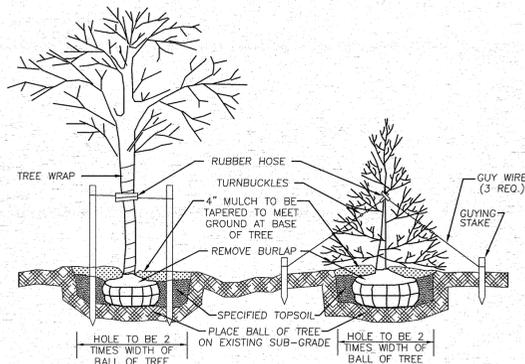
GENERAL NOTES:

- THE MAINTENANCE OF EROSION CONTROL DEVICES WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE JOB SUPERINTENDENT WILL MONITOR THE CONDITION OF ALL THE DEVICES. CLEAN OR REPLACE STRUCTURES AS CLIMATIC CONDITIONS REQUIRE. THE DEVELOPER WILL ALSO BE SUBJECT TO THE DIRECTIVE OF THE DESIGN ENGINEER AND MUNICIPAL REPRESENTATIVES TO INCLUDE MUNICIPAL ENGINEER, HIGHWAY SUPERINTENDENT AND BUILDING INSPECTOR.
- ALL CONTRACTORS SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE APPROVED PLANS AND MAY BE SUBJECT TO ADDITIONAL EROSION CONTROL REQUIREMENTS AS CONDITIONS ARISE. THE EROSION CONTROL PLAN IS A "LIVING" DOCUMENT.
- NO EROSION CONTROL STRUCTURES SHALL BE REMOVED UNTIL ALL WORK UPSTREAM THEREFROM HAS BEEN COMPLETED, INCLUDING STABILIZATION AND APPROVED BY THE DESIGN ENGINEER AND MUNICIPAL REPRESENTATIVES.
- CONSTRUCTION EQUIPMENT SHALL NOT UNNECESSARILY CROSS LIVE STREAMS OR DRAINAGE SWALES EXCEPT BY MEANS OF BRIDGES AND CULVERTS OR OTHER APPROVED METHODS.
- WHEREVER FEASIBLE, NATURAL VEGETATION SHOULD BE RETAINED AND PROTECTED.
- ONLY THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT.
- WHEN LANDS ARE DISTURBED DURING DEVELOPMENT, THE EXPOSURE SHALL BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME.

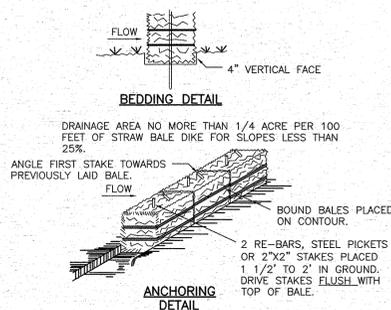
GENERAL NOTES

- TAX MAP DESIGNATION: TOWN OF THOMPSON SECTION 26 BLOCK 1 LOT 6
TOWN OF FALLSBURG SECTION 65 BLOCK 1 LOT 11.59
- TOTAL AREA OF PARCEL WITHIN THE TOWN OF THOMPSON 568± ACRES
TOTAL AREA OF PARCEL WITHIN THE TOWN OF FALLSBURG 4.9± ACRES
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TOTAL DISTURBANCE AREA WITHIN THE TOWN OF FALLSBURG 0.6± ACRES
- WETLANDS DELINEATED BY ROBERT TORGERSEN, LA CPESC.
- TOWN ENGINEER TO PERFORM INSPECTIONS AS REQUIRED.
- PRIOR TO CONSTRUCTION OF THE ACCESS ROAD IN 200' INCREMENTS, 48 HOURS NOTICE SHALL BE PROVIDED TO THE TOWN FOR INSPECTION OF ALL STAKE OUT WORK. 48 HOURS SHALL ALSO BE PROVIDED PRIOR TO ALL WELL DRILLING.
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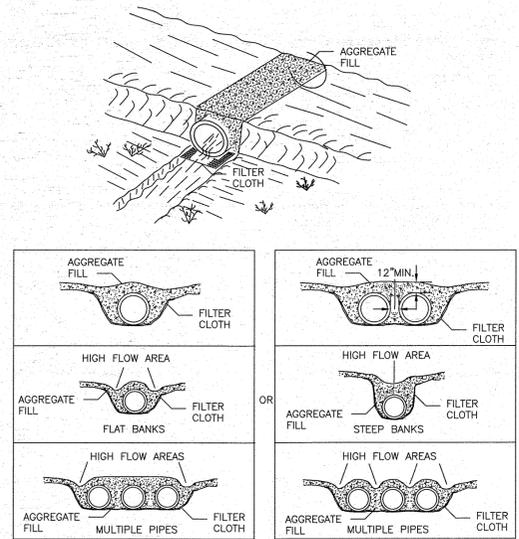
STRAW BALE DIKE DETAIL
N.T.S.



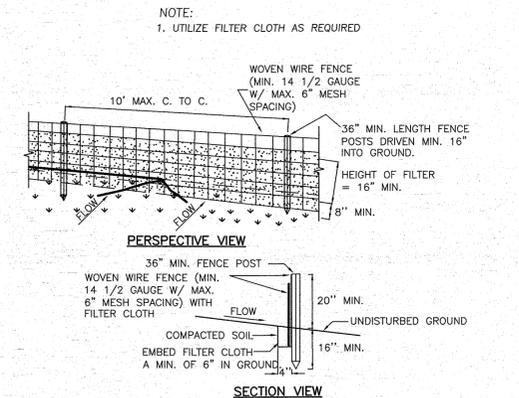
PLANTING & GUYING DETAIL
N.T.S.



- CONSTRUCTION SPECIFICATIONS**
- BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 - EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
 - BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORGE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE TOP OF BALE.
 - INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 - BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

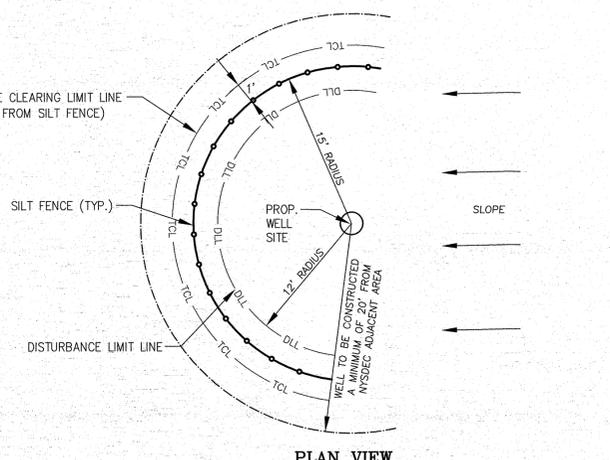


TEMPORARY ACCESS CULVERT
(IF REQUIRED)
N.T.S.



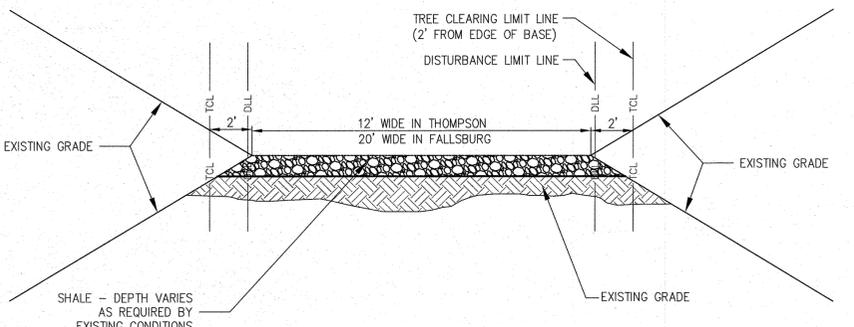
- CONSTRUCTION SPECIFICATIONS**
- WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "T" OR "U" TYPE OR HARDWOOD.
 - FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. FENCE SHALL BE WOVEN WIRE, 12 1/2 GAUGE, 6" MAXIMUM MESH OPENING.
 - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFL 100X, STABILINKA T140A, OR APPROVED EQUIVALENT.
 - PREFABRICATED UNITS SHALL BE GEOFAB, ENVROFENCE, OR APPROVED EQUIVALENT.
 - MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
 - SILT FENCE IS TO BE INSTALLED AS NECESSARY.

SILT FENCE DETAIL
N.T.S.



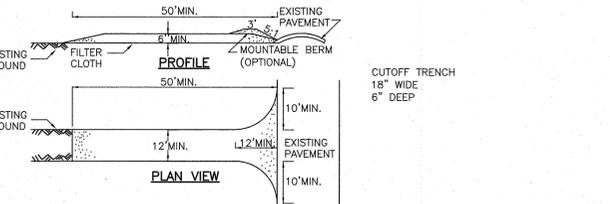
- NOTE:**
- THE NYSDEC ADJACENT AREA SHALL BE STAKED IN THE FIELD AND CONSTRUCTION FENCE SHALL BE INSTALLED PRIOR TO CONSTRUCTION OF THE WELL.
 - AN INSPECTION PRIOR TO WELL DRILLING SHALL TAKE PLACE TO VERIFY THAT THE ADJACENT AREA IS STAKED PROPERLY.

WELL AREA DETAIL
N.T.S.



- NOTE:**
- SHALE SHALL BE PLACED ONLY AS REQUIRED BY WELL DRILLER TO PROVIDE SAFE ACCESS TO WELL DRILLING.
 - IMMEDIATELY FOLLOWING WELL CONSTRUCTION AND TESTING, ALL AREAS THAT WERE DISTURBED TO PROVIDE ACCESS SHALL BE RESTORED TO THE ORIGINAL STATE. AREAS SHALL BE TOPSOILED AND SEEDED AND VEGETATIVE (NON-EROSIVE) COVER SHALL BE ESTABLISHED.

WELL DRILLING ACCESS ROAD DETAIL
N.T.S.



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

STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.

DATE	DESCRIPTION	INITIALS
3-23-17	TEST WELLS 5, 6, 7 & 8 PLAN PREPARATION DATE	JJP
7-21-16	AS PER MEETING WITH TOWN ON 7-18-16	JJP
7-13-16	AS PER MHE COMMENTS 7-6-16	AT
6-17-16	REDUCTION IN WELLS	JUR
5-19-16	AS PER MHE COMMENTS 5-10-16	AT
3-25-16	MINOR REVISIONS	SM
3-23-16	EROSION CONTROL SWPPP REVISIONS	NR
3-25-15	REMOVE STAGING AREA, WIDEN ACCESS IN FALLSBURG	CR
3-17-15	TCL ON DETAILS	CR
3-05-15	WELL MONITORING TABLE, ADDITIONAL DETAILS	NR
1-30-15	ORIGINAL PREPARATION DATE	CR

MAP CHECK DATE: 00/00/00 INITIALED BY: --

PIETRZAK & PFAU
ENGINEERING & SURVEYING, PLLC
282 GOSWICH AVENUE, SUITE A
COSHEN, NEW YORK 10824
(945) 294-0006

2 HAMILTON AVENUE
MONTICELLO, NEW YORK 12701
(945) 798-4646

JOSEPH J. PFAU P.E.
LICENSE NO. 029945

MICHAEL P. CROSBY P.L.S.
LICENSE NO. 025222

VINCENT A. PIETRZAK P.E., P.L.S., LEED@AP
P.E. LICENSE NO. 076938 P.L.S. LICENSE NO. 050775
N.J.P.L.S. LICENSE NO. 35386

SIGNATURE: _____ DATE: _____

THOMPSON EDUCATION CENTER
WELL DRILLING PLAN FOR
TEST WELLS #5, #6, #7 & #8
TOWN OF THOMPSON/TOWN OF FALLSBURG
COUNTY OF SULLIVAN, NEW YORK

PROJECT TITLE:
EROSION CONTROL PLAN & DETAILS

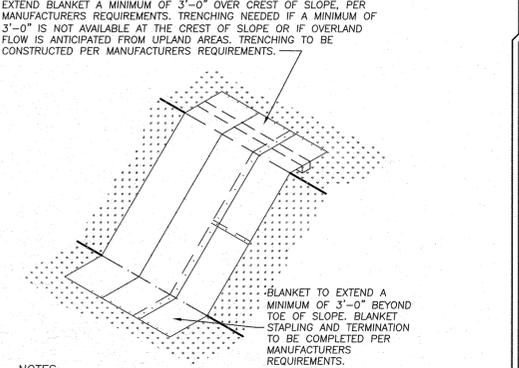
SECTION 26, BLOCK 1, LOT 6
SECTION 65, BLOCK 1, LOT 11.59

DRAWING TITLE:

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED LAND SURVEYOR'S OR PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2 OF THE N.Y. STATE EDUCATION LAW.

O.C.H.D. SHEET NO.	D.E.C. SHEET NO.	DRAWING NUMBER
# OF #	# OF #	# OF #

SCALE	CAD REFERENCE	PROJECT NUMBER
AS SHOWN	1314501-WELL	13145.01



- NOTES:**
- EROSION CONTROL BLANKET TO BE CURLEX III (EXCELSIOR EROSION CONTROL BLANKETS) OR APPROVED EQUAL.
 - EROSION CONTROL BLANKET TO BE PLACED ON DISTURBED SLOPES GREATER THAN 2 HORIZONTAL TO 1 VERTICAL, AS SHOWN ON THE EROSION CONTROL PLAN.
 - EROSION CONTROL BLANKET IS TO BE INSTALLED PER MANUFACTURERS REQUIREMENTS.

SLOPE STABILIZATION
BLANKET DETAIL
(IF REQUIRED)
N.T.S.