SITE PLAN NOTES

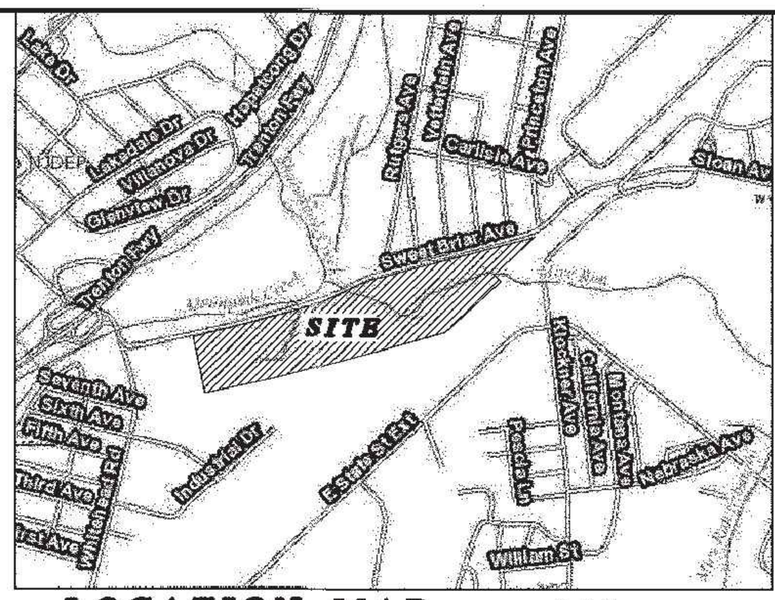
1. ELEVATIONS ARE IN U.S.C & G SYSTEM.
2. ALL MATERIALS, WORKMANSHIP, AND CONSTRUCTION FOR SITE IMPROVEMENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH:
   A. ALL WORK SHOWN IS TO BE DONE IN ACCORDANCE WITH NJDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" EDITION 2007 (THE GREEN BOOK) AND THE "TOWNSHIP CONSTRUCTION DETAILS" AS REVISED TO FEBRUARY 2007.
   B. CURRENT,PREVAILING TWP. AND/OR COUNTY SPECIFICATIONS,STANDARDS AND REQUIREMENTS.
   C. CURRENT,PREVAILING UTILITY COMPANY/AUTHORITY SPECIFICATIONS,STANDARDS AND REQUIREMENTS.
3. ALL EXISTING MATURE TREES SHALL BE PRESERVED WHENEVER POSSIBLE.
4. WHEN DISTURBED AREAS ARE AT FINAL GRADE, THEY WILL BE STABILIZED AND FINAL LANDSCAPING WILL BE IMPLEMENTED IN ACCORDANCE TO GOOD PRACTICES.
5. THE TOWNSHIP ENGINEER MAY DIRECT THE REMOVAL OF UNSUITABLE MATERIAL AND INSTALLATION OF SELECT FILL MATERIAL AND/OR SOIL STABILIZATION FABRIC.
6. SOLID WASTE GENERATED DURING CONSTRUCTION IS TO BE DISPOSED OF OFF-SITE IN AN APPROPRIATE LANDFILL. ON-SITE OPEN BURNING IS PROHIBITED BY STATE AND LOCAL AIR-POLLUTION CONTROL LAWS.
7. A SOIL DISTURBANCE/REMOVAL APPLICATION MUST BE SUBMITTED TO THE MERCER COUNTY SOIL CONSERVATION DISTRICT AND A PERMIT ISSUED BY SAID AGENCY PRIOR TO ANY DISTURBANCE OF SOIL OR ISSUANCE OF A BUILDING PERMIT.
8. DO NOT SCALE DRAWINGS. ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. ARE SCHEMATIC ONLY EXCEPT WHERE DIMENSIONS ARE SHOWN
9. THIS IS A SITE DEVELOPMENT PLAN AND UNLESS SPECIFICALLY NOTED HEREON IS NOT A SURVEY
10. THIS SET OF PLANS HAS BEEN PREPARED FOR PURPOSES OF TOWNSHIP AND AGENCY REVIEW AND APPROVAL.
11. PERMANENT MARKERS SHALL BE SET AT ALL PROPERTY CORNERS.
12. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. .
13. TEST PITS SHALL BE DUG BY THE CONTRACTOR TO ASCERTAIN EXISTING INVERTS, MATERIAL AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS.
14. TRANSMISSION WIRES SHALL BE UNDERGROUND.
15. THE CONTRACTOR SHALL NOTIFY THE UNDERSIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON,AND/OR IF SUCH CONDITIONS,IN THE CONTRACTOR'S OPINION,WOULD OR COULD RENDER THE DESIGNS SHOWN HEREON INAPPROPRIATE OR INEFFECTIVE.
16. ALL UTILITIES WILL BE THE RESPONSIBILITY OF THE APPLICANT. ANY NEW UTILITIES MUST BE CONSTRUCTED UNDERGROUND. THE SITE, HOWEVER, WILL REMAIN SERVICED BY THE EXISTING UTILITES.
17. ALL DAMAGED CURB OR SIDEWALK FRONTING ON THE PROPERTY SHALL BE REPAIRED AT THE DIRECTION OF THE TOWNSHIP ENGINEER.
18. ALL CRACKED OR DAMAGED BITUMINOUS PAVEMENT SURFACES SHALL BE REPAIRED OR REPLACED. (ENTIRE PAVING SURFACE TO BE REPAIRED)
19. ALL CONCRETE AND CONCRETE STRUCTURES SHALL HAVE A MINIMUM COMPRESSIVE STRENTH OF 4,500 PSI.
20. ALL SIGNPOSTS SHALL BE GALVANIZED BREAKAWAY STEEL "U" POST.
21. ALL STRIPING MUST BE PAINTED WITH LONGLIFE THERMOPLASTIC PAINT OR APPROVED EQUAL.
22. ALL ELECTRICAL AND CONTROL EQUIPEMENT SHALL BE LABELED AND SECURED TO PREVENT UNAUTHORIZED ACCESS.
23. THERE WILL BE NO TREE REMOVAL BETWEEN THE RIGHT OF WAY AND THE 50' SETBACK LINE. PROPOSED TREE PLANTING IN THIS AREA SHALL BE PLACED AS A BUFFER IN AREAS AS NECESSARY TO PROVDE SCREENING FROM THE ROADWAY.
24. ALL STRUCTURES SHALL BE PRE-CAST.
25. DRIVEWAYS SHALL BE CONSTRUCTED WITH A DUST FREE MATERIAL FOR AT LEAST THE FIRST 50' FROM THE ROADWAY.
26. THE OPERATION AND MAINTENANCE OF THE STORMWATER MANAGEMENT FACILITIES SHALL REMAIN WITH THE OWNERS OF THE PROPERTY AND WITH PROVISIONS REQUIRING THAT IT SHALL PASS TO ANY SUCCESSIVE OWNER.

NJDEP NOTES:

1. ALL OR A PORTION OF THIS SITE LIES WITHIN A FLOOD HAZARD AREA. CERTAIN ACTIVITIES IN FLOOD HAZARD AREAS ARE REGULATED BY THE NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND SOME ACTIVITIES MAY BE PROHIBITED ON THIS SITE OR MAY FIRST REQUIRE A PERMIT. CONTACT THE DIVISION OF LAND USE REGULATION AT 609-777-0454 FOR MORE INFORMATION PRIOR TO ANY CONSTRUCTION ONSITE.
2. FLOOD HAZARD AREA OF "SOLAR PANEL SECTION #1" DETERMINED BY METHOD 1. FLOOD HAZARD AREA OF "SOLAR PANEL SECTION #2" DETERMINED BY METHOD 3.
3. THE SITE IMPROVEMENTS WILL REMAIN OUTSIDE THE WETLANDS TRANSITION AREAS AND 50' WIDE RIPARIAN BUFFERS. ONLY THE ACCESS DRIVEWAY ENTRANCES FROM SWEETBRIAR AVENUE WILL ENTER THE 150' TRANSITION AREA FROM THE WETLANDS LINE 'Z' (ACROSS SWEETBRIAR AVENUE).
4. THERE ARE EXISTING FILL AND STRUCTURES WITHIN THE PROJECT LIMITS WHICH NEEDS TO BE REMOVED FROM A REGULATED AREA OUTSIDE A FLOODWAY, BUT IT DOES NOT QUALIFY FOR PERMIT BY RULE 4 AT NJAC 7:13-7.4. UPON REMOVAL THE FOLLOWING REQUIREMENTS MUST BE SATISFIED:
   --ALL DISTURBED REGULATED AREAS SHALL BE PROPERLY STABALIZED
   --ANY REMOVED FILL SHALL BE DISPOSED OF IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
   --ANY REMOVED STRUCTURE SHALL BE DISPOSED OF OUTSIDE OF ANY REGULATED AREA AND IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL LAWS.
5. PUMPS WILL BE USED TO REMOVE STANDING WATER, IF ANY, FROM PROPOSED BASINS.
6. THE DISTURBED AREA ABOVE THE PROPOSED POWER TRANSMISSION LINE WILL BE RESTORED TO THE PROPOSED GRADING SHOWN HERIN.

SOLAR PANEL NOTES:

1. PROPOSED SOLAR PANELS AS PER SPECIFICATION PROVIDED BY CAMBRIA SOLAR. CONTROL STATIONS AND UNDERGROUND WIRING TO DESIGNED BY CAMBRIA SOLAR.
2. MAJORITY OF SOLAR PANELS ARE ALIGNED WITH GEODETIC NORTH.
3. TOTAL PANELS SHOWN ON-SITE = 11,532
4. TOTAL AREA OF IMPROVEMENT = 11.98± ACRES
5. **EXCEPT FOR VERTICAL SUPPORT POLES, ALL PANELS, CROSS BRACING, AND OTHER STRUCTURAL COMPONENTS AND ALL ASSOCIATED EQUIPMENT ARE TO BE ELEVATED TO AT LEAST ONE FOOT ABOVE THE FLOOD HAZARD AREA DESIGN FLOOD ELEVATION 50.8 (NGVD 29)**



LOCATION MAP N.T.S.

TOTAL PROPOSED DISTURBED AREA FOR SECTION 1D= 257,014± SF= 5.900± AC

SOLAR PANEL SECTION 1D
AREA=5.83±Acres
5,392 PANELS

TOTAL PROPOSED DISTURBED AREA FOR SECTION 2D = 279,111± SF= 6.407± ACRES

SOLAR PANEL SECTION 2D
AREA=6.15±Acres
6,140 PANELS

1. CLEAR TREES AND UNDERBRUSH AS NEEDED AND DISPOSE OFFSITE.
2. GRADE AND SEED PRIOR TO CONSTRUCTION OF PANELS (USE MEADOWGRASS MIX OF WILDFLOWER AND GRASS

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2. GRADE AND SEED PRIOR TO CONSTRUCTION OF PANELS (USE MEADOWGRASS MIX OF WILDFLOWER AND GRASS

LEGEND:

MH	= MANHOLE	TCB	= TOP OF CATCH BASIN
CLF	= CHAIN LINK FENCE	DEP	= DEPRESSED CURB
WF	= WIRE FENCE	GR	= GUARD RAIL
IR	= IRON ROD		
MON	= MONUMENT	GND	= GROUND
WV	= WATER VALVE	TC	= TOP OF CURB
GW	= GUY WIRE	G	= GUTTER
UP	= UTILITY POLE	HYD	= HYDRANT
WW	= WINDOW WELL	ESW	= EDGE OF SIDEWALK
--G--	= GAS LINES	INV	= INVERT
--W--	= WATER LINES	EOR	= EDGE OF ROAD
MONF	= MONUMENT FOUND	CL	= CENTERLINE
TB	= TOP OF BANK	FF	= FIRST FLOOR
BB	= BOTTOM OF BANK	EOS	= EDGE OF STONE
RCP	= REINFORCED CONCRETE PIPE	BLD	= BUILDING
POB	= POINT OF BEGINNING	CMP	= CORRUGATED METAL PIPE
(A-1)	= WETLANDS FLAG		
SGN	= SIGN		
OH	= OVERHEAD WIRES		

LINETYPE LEGEND:

CS	= CENTERLINE OF STREAM
CD	= CENTERLINE OF DITCH
LOD	= LIMIT OF DISTURBANCE
WL	= WETLANDS LINE
RZ	= RIPARIAN ZONE BUFFER LINE
TA	= TRANSITION AREA LINE
TB	= TOP OF BANK

OWNER

PHILIP J. VECERE
183 SHREWSBURY COURT
PENNINGTON, NJ 08534

I CONSENT TO THE FILING OF THIS PLAN WITH THE PLANNING BOARD OF THE TOWNSHIP OF HAMILTON.

OWNER (signature) 6/19/18 DATE

APPLICANT

SYNNERGY
C/O STEVE DURST
23 OAKWOOD DRIVE
MEDFORD, NJ 08055
215-669-7620

I CONSENT TO THE FILING OF THIS PLAN WITH THE PLANNING BOARD OF THE TOWNSHIP OF HAMILTON.

Steven Durst 6/19/18
APPLICANT DATE

I HAVE REVIEWED THIS PLAN AND CERTIFY THAT IT MEETS ALL CODES AND ORDINANCES UNDER MY JURISDICTION.

TOWNSHIP ENGINEER DATE

TOWNSHIP PLANNER DATE

APPROVED BY THE PLANNING BOARD OF THE TOWNSHIP OF HAMILTON

PRELIMINARY/FINAL

CHAIRMAN DATE

SECRETARY DATE

I HEREBY CERTIFY THAT ALL THE REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED OR A BOND POSTED IN COMPLIANCE WITH ALL APPLICABLE CODES AND ORDINANCES.

(If improvements installed)

TOWNSHIP ENGINEER DATE

(If bond posted)

TOWNSHIP CLERK DATE

ENGINEER'S CERTIFICATION

I HEREBY CERTIFY THAT I HAVE PREPARED I CERTIFY UNDER PENALTY OF LAW THAT I HAVE PERSONALLY EXAMINED AND AM FAMILIAR WITH THE INFORMATION SUBMITTED IN THIS DOCUMENT AND ALL ATTACHMENTS AND THAT, BASED ON MY INQUIRY OF THOSE INDIVIDUALS IMMEDIATELY RESPONSIBLE FOR OBTAINING AND PREPARING THE INFORMATION, I BELIEVE THAT THE INFORMATION IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENATLIES FOR KNOWINGLY SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBLITIY OF FINE AND IMPRISONMENT.

Joseph Mester 6/19/18
JOSEPH MESTER, P.E.L.S. 19462 DATE

I HEREBY CERTIFY THAT I HAVE PREPARED THIS PLAN AND THAT ALL DEMENSIONS AND INFORMATION ARE CORRECT.

Joseph Mester 6/19/18
JOSEPH MESTER, P.E.L.S. 19462 DATE

HAMILTON TOWNSHIP APPLICATION NUMBER 16-05-012

MAP 32, 33 BLOCK 1581 LOT 27 ZONE I

GRAPHIC SCALE 1"=50'
0 50 100 150

SHEET 2A

REVISIONS

No.	Date	Description
6	6-19-18	PER TOWNSHIP REVIEW
5	3-14-18	ADD NOTES
4	8-8-17	ADD BACKFLOW PREVENTER NOTE AT PIPES
3	7-6-17	REMOVE NOTE 11 PER NJDEP COMMENT
2	5-15-17	PER NJDEP COMMENTS
1	11-1-16	ADD WETLANDS LINE 'Z' AND 150' BUFFER

TRENTON ENGINEERING CO., INC.
PROFESSIONAL ENGINEERS, PLANNERS AND LAND SURVEYORS
ESTABLISHED 1907
2193 SPRUCE STREET TRENTON, N.J. 08638
TEL. NO. 609-882-0616
FAX. NO. 609-882-6004
D.F. STRATTON, L.S. N.J.-27523 P.P.N.J.-5021

JOSEPH MESTER
N.J. PROFESSIONAL ENGINEER AND PROFESSIONAL LAND SURVEYOR No. 19462

6/19/18 Joseph Mester
DATE

SITE PLAN
of
LOT 27 BLOCK 1581
for
SYNNERGY, LLC
in
TOWNSHIP OF HAMILTON
MERCER CO., NEW JERSEY

CERTIFICATE OF AUTHORIZATION NO. 24GA28052600

TAX MAP DATA		
LOT	BLOCK	PAGE
27	1581	32, 33

DATE 3-21-16
INV. 43514
DRAWN BY: CWS
SCALE 1"=50'
FB. PG.
FILE 104-3

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