

ENERGY COMMITTEE
TOWN OF SOUTH WINDSOR

Minutes

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June 20, 2017

Madden Room – South Windsor Town Hall

1. Call Meeting to Order

The meeting was called to order at 4:30 p.m.

2. Roll Call

Members Present: Larry Brown, Resident
Hank Cullinane, Resident
Athena Loukellis, Resident
Deputy Mayor Janice Snyder, Town Council
Sherman Tarr, Resident
Stephen Wagner, Resident

Members Absent: William Carroll, Town Council
Mike Gantick, Director of Public Works
Patrick Hankard, Board of Education
Councilor Edward Havens, Town Council
Richard Stahr, Board of Education

3 Approval of Minutes

No minutes for approval.

4. Next Meeting

Tuesday, July 18, 2017 at 4:30 p.m. in the Madden Room

5. Old Business

None

6. New Business

A. Virtual Net Metering Update

Chairman Wagner explained that the Virtual Net Meter project has received approval from the Siting Council. Construction is expected to begin next week. The signed contract will be sent to the Committee. Chairman Wagner stated he would let everyone know if there will be a groundbreaking.

ITEM:

6. New Business (Continued)

E. Energize South Windsor Solarize Update

Mrs. Loukellis explained that the letter for the home energy solutions needs approval from the Committee.

Mrs. Loukellis made a motion to approve the letter to homeowners in Town regarding the Energize South Windsor program. Deputy Mayor Snyder seconded the motion; and it was approved, unanimously.

There will be tables set up at the Farmers Market for both the Energize South Windsor and Solarize South Windsor.

D. Solarize South Windsor Update

a. Metrics

There have been 55 leads, 24 visits, and 6 contracts.

b. Strawberry Festival Results

Nine leads came from the Strawberry Festival.

c. Farmers Market and Concerts

Solarize South Windsor will be setting up a table at the Farmers Market and concerts to try to get more leads.

d. Workshop June 22

A workshop will be held on June 22, 2017 at 7:00 p.m. in the South Windsor Public Library.

B. Proposing Zoning Changes for Tracking Solar

Chairman Wagner explained the GM Industries is a company out of Tolland who builds these towers that can have solar put on them, as shown in attached **Exhibit A**. They can be up to thirty-two feet tall and South Windsor's zoning regulations only allow twelve feet high structures. It was discussed that these structures should not be allowed in residential areas, but it could be requested

ITEM:

6. New Business (Continued)

B. Proposing Zoning Changes for Tracking Solar (Continued)

to have them in industrial zones and commercial zones. These structures track the sun which improves their efficiency. These structures can absorb sun from the back of it also. Committee members discussed the zoning regulations and where it would be appropriate to request the Planning & Zoning Commission to review these regulations to allow for this type of structure in Town. It is felt that the language should protect the residents but there should be the ability to market and/or propose this type of structure.

Deputy Mayor Snyder recommended a letter be drafted from the Energy Committee for the Planning Department to review the regulations to allow a structure like this to be allowed in Town. Committee members discussed the pros and cons of allowing this type of structure. It was felt that this structure should not be allowed in a residential area but only in commercial or industrial areas. If the Planning & Zoning Department agrees with allowing this type of structure, they should be the ones who draft the appropriate language.

Deputy Mayor Snyder made a motion to have Chairman Wagner draft a letter to the Planning & Zoning Department requesting that they review regulations for renewable energy. Mr. Tarr seconded the motion; and it was approved, unanimously.

C. Solarize on Town Facilities

Chairman Wagner felt that discussions should be held off until Mr. Gantick is available.

Deputy Mayor Snyder reminded the Council that all of the newly constructed schools have been constructed in order to hold solar on their roofs. At the high school there are portions of the roof that may be able to hold solar. Deputy Mayor Snyder stated she would see if Patrick Hankard and Richard Stahr would be available for the next meeting to discuss this item further. Chairman Wagner would check to see if Mike Gantick would be at the next meeting also. Other items that can be discussed is a carport for the Police Department.

ITEM:

6. New Business (Continued)

F. Streetlight Usage Update

Chairman Wagner stated that he received an email from Billy Carroll who feels some of the streetlights are too bright. The Committee members stated that Mr. Gantick should continue to try to reach Eversource to discuss the orientation of the fixtures.

Chairman Wagner explained that the Energize people downloaded all of the missing electric bills into portfolio manager. There have been a lot of duplicate information provided regarding the streetlights. Chairman Wagner stated he has asked Mike to forward all of the streetlight bills since December. After reviewing everything, it is hopeful that portfolio manager will be straightened out.

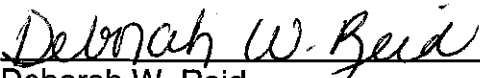
7. Miscellaneous

None

8. Adjournment

At 5:30 p.m. Mr. Cullinane made a motion to adjourn the meeting. Deputy Mayor Snyder seconded the motion; and it was approved, unanimously.

Respectfully submitted,


Deborah W. Reid
Clerk of the Council

Barry Price
166 Old Huckleberry Road
Wilton, CT 06897

48 X 380 TRANSPARENT BI-FACIAL
8 X 6 PANELS 18.24KW LANDSCAPE
ANNUAL ESTIMATED KWH YIELD= 37,939
GMI DUAL-AXIS STAR TRACKER WITH FAILSAFE(*)

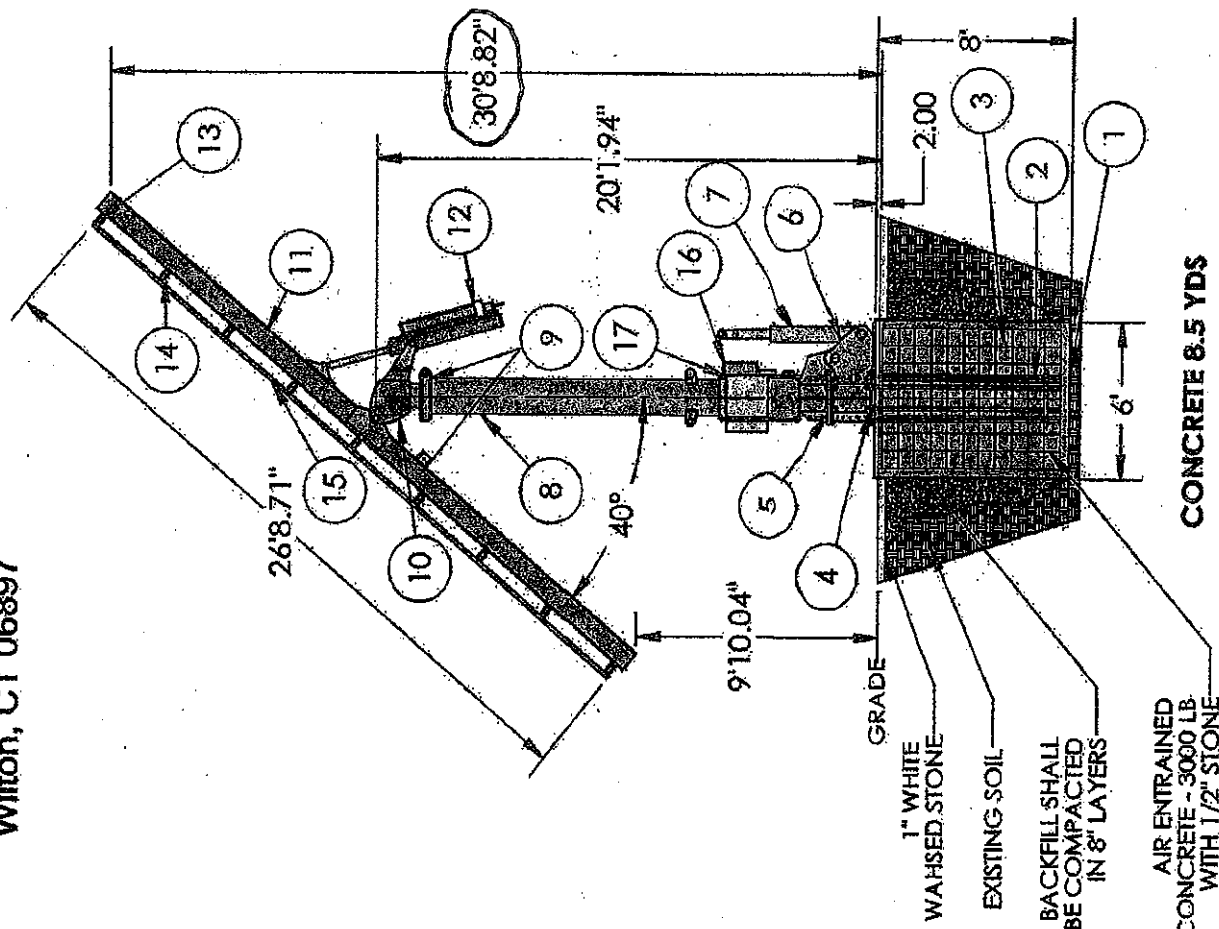
NORMAL POSITION
MADE IN CONNECTICUT, USA

1. REBAR #4 CAGE 12" SPACING (INSTALL TO ASTM STANDARD)
2. ANCHOR RODS Ø1.25" FULL LENGTH
3. CONCRETE BASE 3000 LB WITH 1/2" STONE
4. BASE PLATE 1"
5. COLUMN BASE 16" X 5" X-HEAVY
6. TILTING BASE SUPPORT ASSEMBLY
7. HYDRAULIC CYLINDER BORE 6" (WILL BE REMOVED AFTER INSTALLATION)
8. STEEL COLUMN X-HEAVY-16" X 5" X 16'-0"
9. SLEW DRIVE & SLEW STOP
10. POLAR CAP
11. STRONGBACK
12. HYDRAULIC ACTUATOR 48" X 5" BORE (MADE IN USA)
13. STEEL CANTILEVER
14. ALUMINUM SPAR
15. TRANSPARENT BI-FACIAL SOLAR PANELS
16. CONTROL PANEL
17. INVERTERS 3 SMA SB 7.7

PATENT PENDING

(*) FAILSAFE - INCLUDES BATTERY BACKUP WITH WIND SENSOR TO MOVE ARRAY AUTOMATICALLY TO FLAT (STOWED) POSITION

NOTE: WIND DESIGN SPEED = 100 MPH



GM INDUSTRIES, INC.

TITLE: GMI STAR TRACKER

SIZE: DWG. NO. 1

A Tracker Footing & Structure Profile

GM INDUSTRIES
350 BARCROCK RD.
TOLLAND, CT 06884

(800) 396-4442

SHEET 1 OF 1

PROPRIETARY AND CONFIDENTIAL

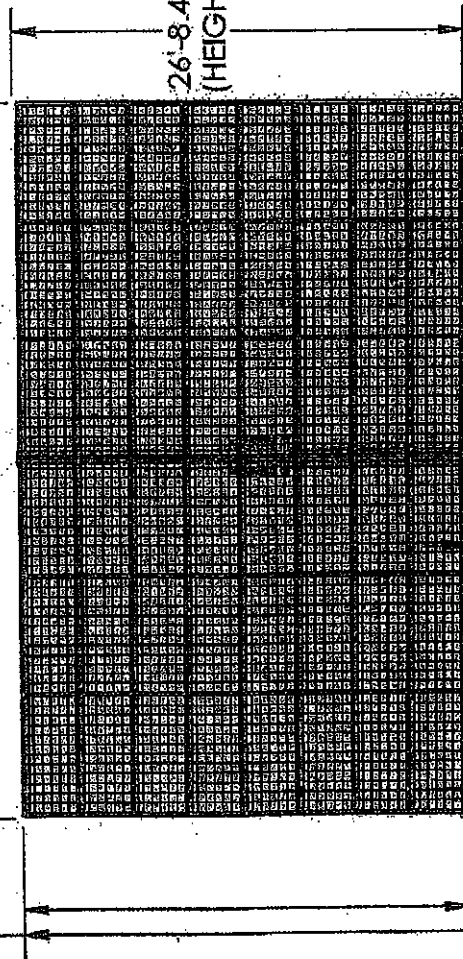
THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF GM INDUSTRIES. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF GM INDUSTRIES IS PROHIBITED.

SCALE: 1/8" = 1'-0" DATE: 1/16/17

Barry Price
166 Old Huckleberry Road
Wilton, CT 06897

33'-2.76"
(AT 20°)

38'-10.63"
(LENGTH)



25'-3.01"
(AT 20°)

7'-11.75"
(AT 20°)

GRADE

1" WHITE
WASHED STONE

EXISTING SOIL

BACKFILL SHALL
BE COMPACTED
IN 8" LAYERS

AIR ENTRAINED
CONCRETE - 3000 LB
WITH 1/2" STONE

CONCRETE 8.5 YDS



48 X 380 TRANSPARENT BI-FACIAL
8 X 6 PANELS 18.24KW LANDSCAPE
ANNUAL ESTIMATED KWH YIELD= 37,939
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TRACKER FOOTING &
STRUCTURE PROFILE

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GM INDUSTRIES
350 BAREBROOK RD.
TOLLAND, CT 06824
(860)-306-4442

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SHEET 1 OF 1

