



ENVIRONMENTAL COMPLIANCE MONITORING

Final Summary Report

Project: Homeland Tower Cheshire Facility CT-005 Facility
 Address: 1325 Cheshire Street, Cheshire, Connecticut

APT Project #: CT283251

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Docket No.451, January 8, 2015; Condition #2.c) CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDDB <input checked="" type="checkbox"/> : 201508722, November 13, 2015	
Resource Protection Program:	
Rare Species	<input checked="" type="checkbox"/> Species Name: eastern box turtle, wood turtle
Wetland	<input type="checkbox"/>
Vernal Pool	<input checked="" type="checkbox"/>
Dates of Inspection	
Report #	Date
1	11/6/15
2	11/15/15
3	11/30/15
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A Condition of Species: N/A Date Reported to CTDEEP: N/A	
Non-Compliance Species Observed During Inspection: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Species Name: Wood Frog # Species: 1 Condition of Species: unharmed, removed from construction area prior to erosion control installation	

Inspection Report #	Type of Corrective Action	Date Corrective Action Implemented
2	Corrective Area #1 – section of silt fence not trenched properly, see attached	11/26/15
2	Corrective Area #2 – broken silt fence stakes, see attached sketch map	11/26/15
Comments:		
<p>Inspection Report #3 verified that erosion controls have been properly installed.</p> <p>Since the construction project is beyond the active season for eastern box turtle, wood turtle or vernal pool herpetofauna, no further inspections are recommended in compliance with the approved species protection plans. Completion of construction is anticipated to occur prior to the spring 2016 active period for these species, which would begin April 1st (for turtles) and March 1st (herpetofauna migration).</p> <p>If construction activities are still occurring on March 1, 2016, please immediately contact Dean Gustafson, Senior Environmental Scientist with All-Points Technology Corp. at (860) 663-1697 ext. 201 or dgustafson@allpointstech.com to schedule an inspection.</p>		

Enclosure: Daily Inspection Reports



ENVIRONMENTAL MONITORING
DAILY SITE OBSERVATION FORM

Report No. 1

Project: Homeland Tower Cheshire Facility CT-005
 Address: 1325 Cheshire Street, Cheshire, Connecticut

APT Project #: CT283251

Date of Inspection: 11/6/2015	Weather: cloudy, mid, 60's
Time of Inspection: 7:30 AM	Latest Precipitation Event > ¼" (NOAA): 3.22" on 10/29/2015
Compliance Monitor:	Dean Gustafson, Senior Wetland Scientist

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Docket No. 451, January 8, 2015; Condition #2.c) CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDB <input checked="" type="checkbox"/> : 201508722, November 13, 2015	
Resource Protection Program:	
Rare Species <input checked="" type="checkbox"/>	Species Name: eastern box turtle, wood turtle
Wetland <input type="checkbox"/>	
Vernal Pool <input checked="" type="checkbox"/>	
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 11/6/2015 Signage Installed Date: 11/6/2015	
Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A	
Non-Compliance Species Observed During Construction: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Species Name: wood frog # Species: 1 Condition of Species: unharmed, removed from construction area prior to erosion control installation	
Progress of Construction:	
Pre-Construction	<input checked="" type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>
Final Inspection	<input type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication <input checked="" type="checkbox"/> Acceptable <input type="checkbox"/> Problem Area <input type="checkbox"/> <ul style="list-style-type: none"> <input type="checkbox"/> Minor Exclusion Fencing Repair <input type="checkbox"/> Additional Exclusion Fencing Required <input type="checkbox"/> Sediment release into upland habitat without risk of resource impact Non-Compliance <input type="checkbox"/> <ul style="list-style-type: none"> <input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse 	
Issues Requiring Corrective Action	Corrective Action Implemented
None	N/A
Project Modification Requested:	
Extra Work Space Requested <input type="checkbox"/> Change to Work Area <input checked="" type="checkbox"/> Description of Modification: Per town request, stockpile area was changed from the northeast side of the construction area to the northwest. Area consists of existing cleared area with soil piles just to the north. Erosion control limits were modified to enclose this area. See attached sketch map.	

Enclosure: Environmental Training Attendance Sheet
 Photo Documentation
 Sketch Map

ENVIRONMENTAL TRAINING ATTENDANCE SHEET

Project: Homeland Towers Cheshire Facility Site CT-005

Date of Training: November 6, 2015

Location of Training: 1325 Cheshire Street, Cheshire, CT

Trained By: Dean Gustafson, Senior Environmental Scientist, APT

The undersigned members of **McPhee Electric, Inc.**, the General Contractor for the Homeland Towers Cheshire, CT project, and its subcontractors understand the environmentally sensitive nature of the project area and the potential for encountering a state-listed turtle species, Eastern Box Turtle and Wood Turtle, and vernal pool amphibians and reptiles (herpetofauna). We the undersigned are familiar with the turtle protection plan, vernal pool protection plan and other environmental notes as identified on Sheet SP-2 of the Construction Drawings prepared by All-Points Technology Corp., P.C., latest revision date 10/05/15 and have received environmental training by All-Points Technology Corp., P.C. on November 6, 2015. We the undersigned also understand that we are responsible for any subcontractors and their environmental training.

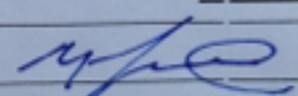
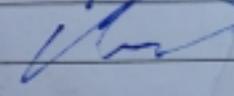
<u>Print Name</u>	<u>Company</u>	<u>Signature</u>
Nick Lapierre	Lapierre Excavating	
Bob Earl	Lapierre Excavating	



Photo 1: View of proposed tower site (cleared area) looking west.



Photo 2: View of proposed tower site (cleared area) looking north.



Photo 3: View of turtle protection caution signs at entrance to proposed tower site looking north.



Photo 4: Wood frog removed from construction site prior to erosion control installation.



ENVIRONMENTAL MONITORING
DAILY SITE OBSERVATION FORM

Report No. 2

Project: Homeland Tower Cheshire Facility CT-005
 Address: 1325 Cheshire Street, Cheshire, Connecticut

APT Project #: CT283251

Date of Inspection: 11/15/2015	Weather: partly sunny, mid, 50's
Time of Inspection: 8:00 AM	Latest Precipitation Event >¼" (NOAA): 0.38" on 11/12/2015
Compliance Monitor:	Dean Gustafson, Senior Wetland Scientist

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Docket No. 451, January 8, 2015; Condition #2.c) CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDB <input checked="" type="checkbox"/> : 201508722, November 13, 2015	
Resource Protection Program:	
Rare Species <input checked="" type="checkbox"/>	Species Name: eastern box turtle, wood turtle
Wetland <input type="checkbox"/>	
Vernal Pool <input checked="" type="checkbox"/>	
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 11/6/2015 Signage Installed Date: 11/6/2015	
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A	
Non-Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A Condition of Species: N/A	
Progress of Construction:	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input checked="" type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input type="checkbox"/>
Final Inspection	<input type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication <input type="checkbox"/> Acceptable <input type="checkbox"/> Problem Area <input checked="" type="checkbox"/> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Minor Exclusion Fencing Repair <input type="checkbox"/> Additional Exclusion Fencing Required <input type="checkbox"/> Sediment release into upland habitat without risk of resource impact Non-Compliance <input type="checkbox"/> <ul style="list-style-type: none"> <input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse 	
Issues Requiring Corrective Action	Corrective Action Implemented
Corrective Area #1 – section of silt fence not trenched properly, see attached sketch map	11/26/15
Corrective Area #2 – broken silt fence stakes, see attached sketch map	11/26/15
Project Modification Requested:	
Extra Work Space Requested <input type="checkbox"/> Change to Work Area <input type="checkbox"/> Description of Modification: N/A	

Enclosure: Photo Documentation
 Sketch Map



Photo 1: View of proposed tower site looking north.



Photo 2: Corrective Area #2 - view of broken stake to be fixed.



Photo 3: Corrective Area #1 - view of silt fence that needs to be trenched.



Photo 4: Corrective Area #2 - view of broken stakes looking north.

SKETCH MAP

TEMP STOCKPILE AREA

silt fence section not trenched in

broken silt fence

Stakes

small gap in silt fence

SURVEY NOTES

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 THRU 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPT. 26, 1996. IT IS A TOPOGRAPHIC SURVEY CONFORMING TO TOPOGRAPHIC ACCURACY CLASS T-2 AND VERTICAL ACCURACY CLASS V-2. HORIZONTAL ACCURACY IS CONFORMS TO CLASS D.

THE PROPERTY LINES DEPICTED HEREON ARE COMPILED FROM RECORD RESEARCH, OTHER MAPS, LIMITED FIELD MEASUREMENTS AND OTHER SOURCES. IT IS NOT TO BE CONSTRUED AS A PROPERTY BOUNDARY SURVEY AND IS SUBJECT TO SUCH FACTS SAID SURVEY MAY DISCLOSE.

PARCEL IS SUBJECT TO A DRAINAGE EASEMENT IN FAVOR OF THE TOWN OF CHESHIRE VOL. 646 PG. 284.

NOT ALL IMPROVEMENTS ARE SHOWN.

NORTH ORIENTATION AND COORDINATES REFER TO CONNECTICUT GRID SYSTEM NAD 83.

ELEVATIONS ARE BASED ON NAVD 1988.

ALL IMPROVEMENTS ARE NOT SHOWN.

PARCEL ADDRESS: 1325 CHESHIRE STREET, CHESHIRE CT.

PARCEL OWNER OF RECORD: TOWN OF CHESHIRE.

PARCEL IS IN THE R-40 ZONE.

PARCEL MAP 38 LOT 180 CHESHIRE ASSESSORS MAP.

PARCEL AREA = 59± ACRES.

PARCEL IS IN ZONE X AND AE OF THE FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, CONNECTICUT. ALL JURISDICTIONS, PANEL 161 OF 635, MAP NUMBER 09009C0161H, EFFECTIVE DATE DECEMBER 17, 2010, BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

THE 100 YEAR FLOOD LINE BASED ON ELEVATIONS DEPICTED ON THE FLOOD INSURANCE RATE MAP, NEW HAVEN COUNTY, ALL JURISDICTIONS, PANEL 161 OF 635, MAP NUMBER 09009C0161H, EFFECTIVE DATE DECEMBER 17, 2010, BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

THE 500 YEAR FLOOD LINE BASE ON ELEVATIONS TAKEN FROM THE FLOOD INSURANCE STUDY, QUINNIAC RIVER NEW HAVEN COUNTY, CONNECTICUT DATED JULY 8, 2013 BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

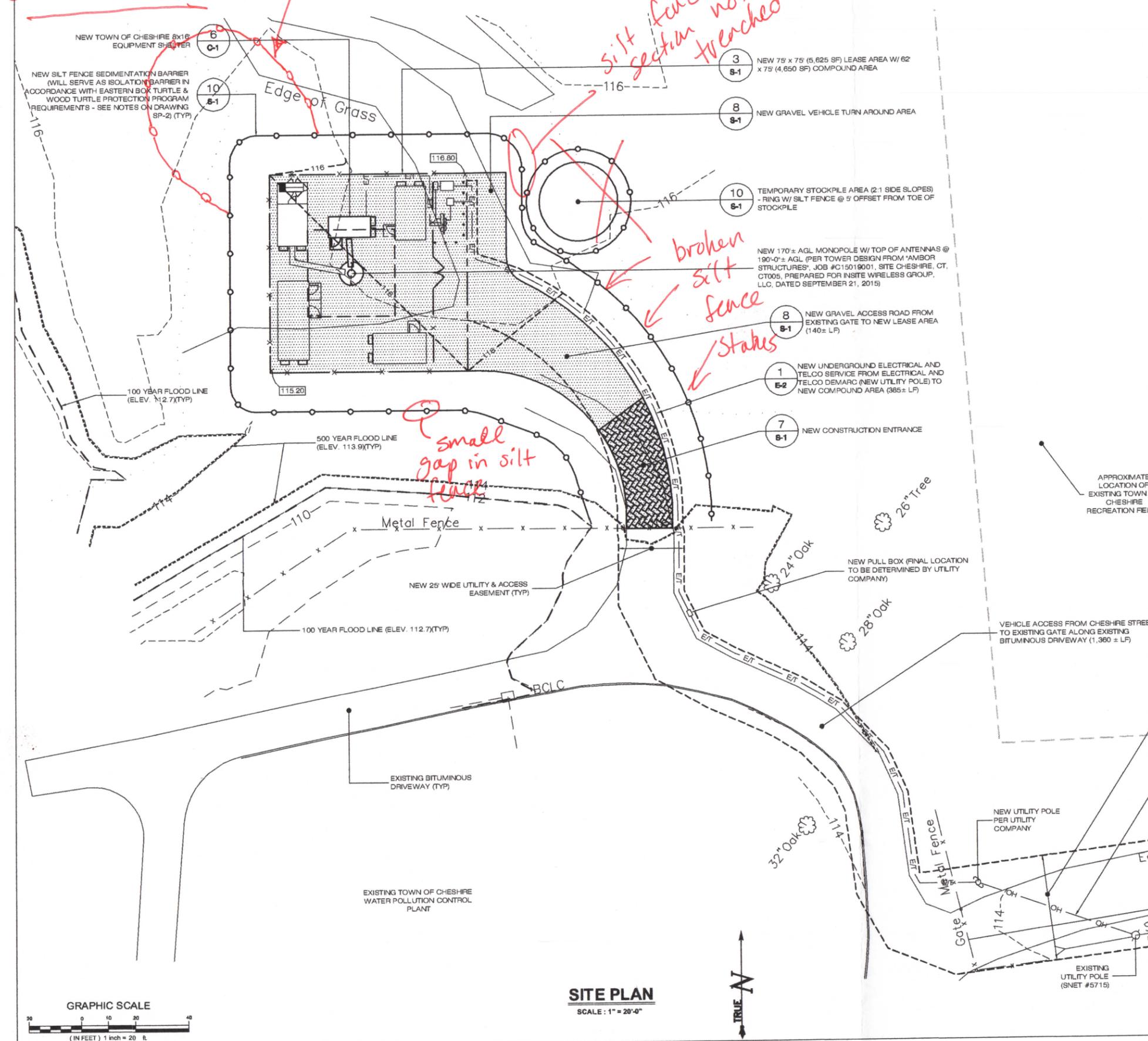
MAP REFERENCES

1) 1) "PROPERTY OF JOHN DANAHER TO BE SOLD TO TOWN OF CHESHIRE, CHESHIRE STREET, CHESHIRE CONN., SCALE 1"=100, DATED DECEMBER, 29, 1965, BY CARL G. MATTSO - LAND SURVEYOR & CIVIL ENGINEER.

SILT FENCE INSPECTION

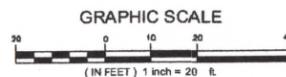
11/15/15 D. GUSTAFSON

Corrective action required as noted on Sketch Map



<p>NOTE: NO TREES WILL BE REMOVED IN CONSTRUCTING THE FACILITY</p>		
<p>HOMELAND TOWERS SITE NUMBER: CT-005</p> <p>APT FILING NUMBER: CT-283-250</p> <p>HOMELAND TOWERS 22 SHELTER ROCK LANE BUILDING C DANBURY, CT 06810</p> <p>ALL-POINTS TECHNOLOGY CORPORATION 3 SADDLEBROOK DRIVE KILLINGWORTH, CT 06419 WWW.ALLPOINTS.TECH</p> <p>PHONE: (860)-663-1697 FAX: (860)-663-0935</p>	<p>CONSTRUCTION DOCUMENTS</p> <p>CHESHIRE 1325 CHESHIRE STREET CHESHIRE, CT 06410</p> <p>DESIGN TYPE: RAW LAND DEVELOPMENT SITE</p> <p>REVISIONS:</p> <p>REV.0: 07/06/15: FOR REVIEW: SMC REV.1: 10/05/15: TOWER REVISIONS: SMC REV.2: REV.3: REV.4: REV.5:</p>	<p>SITE PLAN</p> <p>APT FILING NUMBER: CT-283-250 APT DRAWING NUMBER: CT005 SP-1 DRAWN BY: RCB CHECKED BY: SMC SCALE: AS NOTED DATE: 07/06/15</p> <p>SHEET NUMBER: SP-1</p>

SITE PLAN
SCALE: 1" = 20'-0"





ENVIRONMENTAL MONITORING
DAILY SITE OBSERVATION FORM

Report No. 3

Project: Homeland Tower Cheshire Facility CT-005
 Address: 1325 Cheshire Street, Cheshire, Connecticut

APT Project #: CT283251

Date of Inspection: 11/30/2015	Weather: cloudy, low, 30's
Time of Inspection: 8:30 AM	Latest Precipitation Event >¼" (NOAA): 1.69" on 11/20/2015
Compliance Monitor:	Dean Gustafson, Senior Wetland Scientist

Regulatory Compliance Permitting Agency & Permit ID:	
ACOE NED <input type="checkbox"/> : CT Siting Council <input checked="" type="checkbox"/> : Docket No. 451, January 8, 2015; Condition #2.c) CTDEEP IWRD <input type="checkbox"/> : CTDEEP NDDB <input checked="" type="checkbox"/> : 201305288, December 4, 2014	
Resource Protection Program:	
Rare Species <input checked="" type="checkbox"/>	Species Name: eastern box turtle, wood turtle
Wetland <input type="checkbox"/>	
Vernal Pool <input checked="" type="checkbox"/>	
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 11/6/2015 Signage Installed Date: 11/6/2015	
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A	
Non-Compliance Species Observed During Construction: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A # Species: N/A Condition of Species: N/A	
Progress of Construction:	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input checked="" type="checkbox"/>
Intermediate	<input type="checkbox"/>
Final Inspection	<input checked="" type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication <input type="checkbox"/> Acceptable <input checked="" type="checkbox"/> Problem Area <input type="checkbox"/> <ul style="list-style-type: none"> <input type="checkbox"/> Minor Exclusion Fencing Repair <input type="checkbox"/> Additional Exclusion Fencing Required <input type="checkbox"/> Sediment release into upland habitat without risk of resource impact Non-Compliance <input type="checkbox"/> <ul style="list-style-type: none"> <input type="checkbox"/> Sediment release into upland habitat with risk of resource impact <input type="checkbox"/> Sediment release into wetland habitat <input type="checkbox"/> Sediment release into watercourse 	
Issues Requiring Corrective Action	Corrective Action Implemented
None	N/A
Project Modification Requested:	
Extra Work Space Requested <input type="checkbox"/> Change to Work Area <input type="checkbox"/> Description of Modification: N/A	

Enclosure: Photo Documentation



Photo 1: Overview of site looking southeast.



Photo 2: View of fixed gap in silt fence looking west.



Photo 3: View of silt fence looking north.



Photo 4: View of proposed soil stockpile area looking northwest.



Photo 5: View of fixed buried silt fence looking southeast.



Photo 6: View of restaked silt fence (replaced broken stakes) looking west.