

DAVID A. BALL

Please Reply To Bridgeport E-Mail: dball@cohenandwolf.com

August 19, 2024

Via e-mail and Federal Express

Attorney Melanie Bachman Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

Re:

Docket No. 518 - Tarpon Towers III, LLC and New Cingular Wireless PCS, LLC application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 99 Dart Hill Road, South Windsor, Connecticut

Development and Management Plan - Connecticut Siting Council Interrogatories

Dear Attorney Bachman:

On behalf of Tarpon Towers III, LLC ("Tarpon"), I've enclosed an original and fifteen (15) copies of Tarpon's Responses to the Connecticut Siting Council ("Council") Interrogatories relating to the Development and Management Plan in the above-captioned docket (the "D&M Plan") dated August 7, 2024.

1. The D&M Plan contains specifications for both a mat foundation and a caisson foundation. Which type of foundation would be installed?

Response:

A mat foundation will be installed.



2. What is the total area for the construction limits of disturbance (LOD)? Quantify the amounts of cut and fill that would be required to develop the proposed facility.

Response:

The total area for the construction limits of disturbance (LOD) is 25,000 square feet. The total cut is approximately 80 cubic yards and the total fill is approximately 175 cubic yards.

See Sheet T-001 of Revised Site Plans dated August 19, 2024 attached hereto as Exhibit 1.

3. Provide a Petroleum Materials Storage and Spill Prevention Plan for construction activities including, but not limited to, spill cleanup procedures, and detailed contact information for the spill response contractor.

Response:

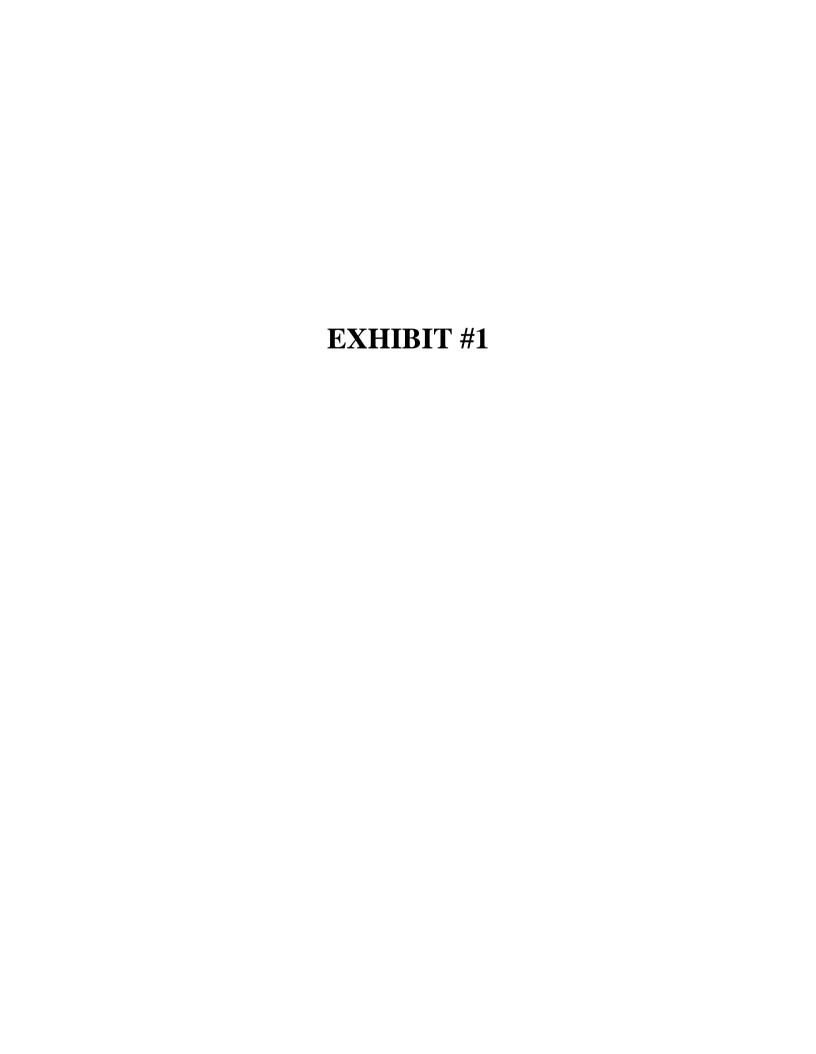
See Petroleum Materials Storage and Spill Prevention Plan dated August 16, 2024, prepared by Environmental Services, Inc., attached hereto as Exhibit 2.

Very truly yours,

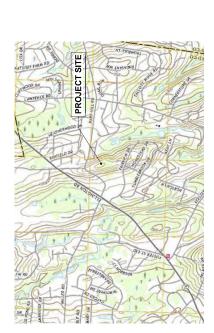
David A. Ball

Enclosures

cc: Service List



USGS TOPOGRAPHIC MAP



PROJECT SUMMARY

VICINITY MAP

CT1207 SOUTH WINDSOR 104-21-1 -EGAL/REGULATORY COUNSEL: TARPON TOWERS CONTACT: LAND LORD CONTACT: PROJECT NAME: SITE ADDRESS: SURVEYOR: LONGITUDE: PARCEL ID: ARCHITECT: LATITUDE:

NORTHEAST SURVEY CONSULTANTS 3 FERRY STREET, STUDIO 1 EAST EASTHAMPTON, MA 01027 DOUGLAST: ROBERTS - ARCHITECT 110 WASHINGTON AVENUE KEITH COPPINS 110 WASHINGTON AVENUE FOURTH FLOOR NORTH HAVEN, CT 06473 203.623.3287 99 DART HILL ROAD SOUTH WINDSOR, CT 06074 COHEN AND WOLF, P.C. 1115 BROAD STREET BRIDGEPORT, CT 06604 203,337,4134 FOURTH FLOOR NORTH HAVEN, CT 06473 JADE RÉAL ESTÁTE LLC 375' - 0" + -- AMSL GRADE (PROPOSED)

CONNECTICUT SITING COUNCIL DEVELOPMENT & MANAGEMENT DOCUMENTS

CURRENT REVISION CURRENT REVISION DATE August 19, 2024 August 19, 2024 SOUTH WINDSOR EQUIPMENT AND DETAILS VERIZON EQUIPMENT AND DETAILS VERIZON EQUIPMENT AND DETAILS SHEET INDEX GENERAL NOTES GENERAL NOTES STE PLAN STE PLAN FOR AND PROPILES SEDMENTATION AND ENSONOVITROL DETALLS ACESS ROAD NOTES SEDIMENTATION AND EROSIONCONTROL DETAILS AT&T ANTENNAS AND TOWER MOUNTED EQUIPMENT AT&T EQUIPMENT AND DETAILS ABUTTERS PLAN COMPOUND PLAN AND ELEVATION SITE DETAILS SHEET NAME TOWN OF SOUTH SHEET NUMBER

SCOPE OF WORK

TARPON TOWERS IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENTS ON PROPOSED TELECOMMUNICATION SITE.

REVISION SCHEDULE

- A 12 FOOT WIDE ACCESS ROAD FROM DART HILL ROAD TO THE COMPOUND, APPR ROAD
- POWER AND TELCO SERVICES WILL BE ROUTED UNDERGROUND FROM EXISTING OVERHEAD UTILITIES ON DART HILL ROJO (SNET POLE \$199) TO PROPOSED ELECTRICAL METER AND UTILITY BOX ON PROPOSED HERAMIE. 165' MONOPOLE FOR FOUR CARRIER PLATFORMS WITH ANTENNAS AND ANCILLARY EQUIPMENT AND TOWN ANTENNAS
- THE TOTAL MERA OF CONSTRUCTION DISTURBANCE (JOD) IS 26,000 SQUARE/FEET, TOTAL CUTTS APPROXIMATELY 80 CUBIC YARD AND TOTAL FILLS APPROXIMATELY 175 CUBIC YARDS.
 - 4,000 SQUARE FEET OVER EXISTING ACCESS ROAD (UNDER GROUND UTILITIES AND EXISTING ROAD IMPROVEMENTS)

 - AT&T IS PROPOSING TO INSTALL THE FOLLOWING IMPROVENENT ON THE PROPOSED TELECOMM
- A WALK IN EQUIPMENT SHELTER ON ACQUICRETE SLAB BACK UP DIESEL GENERATOR ON A CONCRETE SLAB
- ANTENNAS AND ANCILLARY EQUIPMENTON A 12 0" PLATFORN

Sheet Title: TITLE SHEET

VERIZON IS PROPOSING TO INSTALL THE FOLLOWING IMPROVEMENT ON THE PRCPOSED TELECOMMUNICATION SITE

- RADIOS, BACK UP GENERATOR ON A CONCRETE SLAB ANTENNAS AND ANCILLARY EQUIPMENTON A 12'-0" PLATFORM



Site Number: CT1207

Site Name: SOUTH WINDSOR 39 DART HILL ROAD SOUTH WINDSOR, CT 06074

Prepared For:

TARPON TOWERS III

WIRELESS COMMUNICATIONS FACILITY

CT1207 SOUTH WINDSOR

8916 77TH TERRACE EAST SUITE 103 LAKEWOOD RANCH, FL 34202

DOUGLAS J. ROBERTS - ARCHITECT 10 Washington Avenue Fourth Floor North Haven, CT 06473 Project No: 2022.17

Tel: 203.234.6368

SOUTH WINDSOR, CT 06074

99 DART HILL ROAD

CBYD

2022 Connecticut State Building Code CODE REFERENCES

2021 International Building Code Code International Existing Building Code International Pumping Code 2021 International Mechanical Code 2021 International Recipiental Code Code International Energy Conservation 2020 National Energy Conservation 2020 National Electrical Code (NFPA 70)

2

T-001

ROJECT SITE

GENERAL NOTES

FOR THE PURPOSE OF THE CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITION SHALL APPY: CONTRACTOR - TARPON TOWERS II OR 1T'S AFFILIATES
SUB CONTRACTOR - GENERAL CONTRACTOR (CONSTRUCTION)
OWNER - PROPERTY OWNER OF RECORDED / TARPON TOWERS II

PRIOR TO THE SUBMISSION OF BIDS, THE BIDDING SUBCONTRACTOR STALL VISIT THE SITE TO EXPORTABLE WITH THE EXISTING CONTITIONS AND TO CONFIRM THAT THE WORK CAN BE ACCOMPLISHED AS SHOWN ON THE CONSTRUCTION DOCUMENTS

WITH ALL APPLICABLE TODGE, REGLATIOES AND ORDANNEE WITH ALL AND ORDANNEE WITH ALL AND ORDANNEE AND ORDANNEES ARE SEGLATIONS, AND ORDANNEES ORDER TO SEGLATIONS AND ORDANNEES AND ORDER TO AND ORDANNEES RUISES RELIED TO SEG

ALL WORK SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND JITLITY COMPANY SPECIFICATIONS AND LOCAL, STATE AND FEDERAL IURISDICTIONAL CODES, ORDINANCES AND APPLICABLE REGULATIONS

DRAWINGS PROVIDED HERE ARE NOT RO BE SCALED

UNLESS OTHERWISE NOTED, THE WORK SHALL INCLUDE ALL FINISHED MATERIALS, EQUIPMENT, APPURTEMNCES AND ALL LABOR NEEDED TO COMPLETE THE INSTALLATIONS AS SHOWN ON THE CONTRACT DOCUMENTS.

THE SUB CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN APPROACNED EITH THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.

IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THE CONTRACT DOCUMENTS, THE SUBCONTRACTOR SHALL PROPOSE AND ALTERNATURE INSTALLED FOR APPROVAL BY THE CONTRACTOR AND ARE.

SUBCONTRACTOR SHALL DETERMINE THE ACTUAL ROUTING OF ALL CONDUITS, TOWER, FIBER, AND GROUNDING CABLE AS SHOWN ON POWER, GROUNDING AND TELCO DRAWINGS.

THE SUB CONTRACTOR SHALL PROTECT EXISTING SITE IMPROVEMENTS, MAYNENTS, STORE, LANDSCAPING AND STRUCTURES. ANY DAMAGE PORTIONS SHALL BE REPAIRED AT THE SUBCONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE DWINE

THE SUBCONTRACTOR SHALL LEGALLY AND PROPERLY DISPOSE OF ALL SCRAP MATURES FOR THE SITE. 2 Ξ

THE SUBCONTRACTOR SHALL SUPERVISED AND THE PROJECT SCOPE AS DESCRIBED WITHIN THESE DOCUMBNTS THE SUB CONTRACTOR SHALL LEAVE THE PREMISES IN A CLEANED CONDITION AND RETURN DISTURBED AREAS TO THERE ORIGINAL CONDITIONS. ä

THE SUB CONTRACTOR SHALL COMBY WITH ALL REQUIREMENT OF TARPON TOWERS II STANDARDS, SPECIFICATIONS AND ENVIRONMENTA REPORTS 4

THE SUBCONTRACTOR SHALL CONTRACT WITH A UTILITY LOCATION SBRVICE AND HAVE AWN UTILITYS MARKED THAT ARE NOT LOCATED BY CBYD PRIOR TO THE START OF CONSTRUCTION.

LESTING ACTIONS ESPRIE, MARE, AGE, EETCH AND AWY OTHER UTILITY'S WHERE ENCONNIFEED DRIVING CONSTRUCTION SHALL BE DRIVED OF REPROPERTIES OF THE PROPOSED OF SHALL BE DRIVED OF SHALL SHALL

ALL SITE WORK IS SHOWN AND INICCATED ON THE CONTRACT DRAWINGS AND SPECIFICATIONS.

ALL RUBBISH STUMPS, STONE, ORGANIC MATERIALS NOT BEING REUSED ON SITE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF LEGALLY. THE SITE SHALL BE GRADED TO PREVENT SURFACE WATER FROM PONDING WITHIN THE COMPOUND AND EQUIPMENT. NO MATERIAL SHALL BE PLACED ON FROZEN MATERIALS NORE SNOW OR ICE

THE SUB GRADE SHALL BE COMPACTED AND BROUGHT TO A SMOOTH UNFORM GRADE PRIOR TO THE INSTALLATION OF THE FINISHED SURFACE WIFFALLS.

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HISTALANDIOG TILLITIES, WHICH INFERENCE WITH THE EXECUTION OF THE
WASK-SALL BE REMOVED AND/OR CAPEP, PALGED SO OTHERWISE
DISCONTINUED AIT POINTS WHICH WILL NOT THE SERVE WITH THE
ENECTION OF THE REPOCESTO, WORK SIBJECT TO THE APPROVALS OR THE
ABE, OWNERLAND LOGS AND/OR LOGAL UTILITIES.

THE AREAS OF THE OWNERS PROPERTY DISTURBED BY THE PROPOSED WORK IMPACTED BY THE PROPOSED TOWER, EQUIPMENT OR ACCESS ROAD AND MANARARUND, SHALL BE GRADED IT A UNIFORM SLOPE AND STABILIZED TO PREVEN FROSION AS SPECIFED IN THE PROJECT DOCUMENTS.

THE SUBCONTRACTOR SHALL MINIMZE THERE DISTURBANCE TO THE STRE DURING CONSTRUCTION, ESOSION CONTROL MESSURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMATIONS WITH THE GUNED LINES FOR SEDIMENTATION AND EROSION CONTROL.

THE SUBCONTRACTOR SHALL COMPLY WITH WORK HOURS OF 8:00 AM TO 5:00 PM UNLESS OTHERWISE NOTED. THE SUB CONTRACTOR SHALL PROVIDE AND INSTALL SITE SIGNAGE IN ACCORDANCE WITH THE TARPOMN TOWERS II SPECIFICATIONS FOR SIGNAGE.

DESIGN REQUIREMENTS ARE PER STATE OF CONNECTICUT BUILDING CODE AND APPLICABLE SUPELIBERIST, INTENSATIONAL BUILDING CODE (BIG 2015), AGE: A05, EM/TH-2224 STRUCTURAL STANDARDS FOR STELE ANTENNA, TOWERS AND ANTENNA SUPPORTING

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRORON PTO REMERFAL, AND VINISJAL, CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE CONSTRUCTION MANAGER AND ENGINEER OF RECORD.

DESIGN AND CONSTRUCTION OF STRUCTURAL STEEL SHALL CONFORM TO THE MERICAN INSTRUCTION "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".

STRUCTURAL STEEL SHALL CONFORM TO ASTM A992 (F)=50 ksi), MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A36 UNLESS OTHERWISE INDICATED.

STEEL PIPE SHALL CONFORM TO ASTM AS00 "COLD-FORMED WELDED 8 ASS MILES CARGON STEEL STRUCKLINGAL TUBBING", GROVE B, OA ASTM ASS PIPE STEEL BLACK AND HOT-OIPPED ZING-COATED WELDED AND WARLEST PIPE OR S, GANDE B. PIPE SIZES INDICATED ARE NORMALES THE OUTSIDE DAMETER IS LARGER.

STRUCTURAL CONNECTION BOLTS SHALL BE HIGH STRENGTH BOLTS
STRUCTURAL DIPPS, INTERPS, HIGH
STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUTNABLE
STRENGTH BOLTS FOR STRUCTURAL JOINTS, INCLUDING SUTNABLE
MINTS AND PLAIN HARDENED WASHERS? ALL BOLTS SHALL BE 3/4" DIA
UDN.

ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOF-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS OTHERWISE NOTED.

ALL BOLTS, ANCHORS AND MISCELIANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM 4153 "ZINC-COATING (HOTDIP) ON IRON AND STEEL HARDWARE", UNLESS OTHERWISE NOTED.

TELD NELD SORIL HOLES SORIL HAND SORIL HAND

CONTRACTOR SALL COMPY UNITH AMS CODE OF PROCEDURES APPRAAMEC AND QUARTY OF WELDS, AND FOR WETHOGS ISSED IN CORRECTING WELDING, ALL WELDING RACCESSES SHALL BE QUARTHED IN A CORDINATE OF WELDING ALL WELDING AND WELDING AND WELDING AND WELDING AND WELDING AND WELDING AND WELDING SHALL BE DOOR USING WHITE CELLUTY WELD NATES ARE WEND SHALL BE DOOR TO SHALL SHALL

INCORRECTLY FABRICATED, DAMAGED OR OTHERWISE MISETTING OR WILD-OFFRANING METRIALS OF CONTINGUES SHALL BE REPORTED TO THE CONSTRUCTION MANAGER RIOR OF REHEBAL, OR CONSTRUCTION MANAGER RIOR TO REHEBAL, OR CONSTRUCTION MANAGER PROPROMA.

UNISTRUT SHALL BE FORMED STEEL CHANNEL STRUT FRAMING AS MANUE, AND UNE BOUNLISTRUT CORD, MANUE, MI DR EQUAL, STRUT MENBERS SHALL BE I 5/87x1 5/87x1264, UNLESS OTHERWISE NOTED, AND SHALL BE HOT-DIP GALVANIZED AFTER FARRICATION.

PROVA MACIOR ASSENBILY SHALL CONSIST OF STAINLESS STEEL MACHOR ROD WITH MUTS & WASHERS, AN INTERMALT THREBDED INSERT, A SCREEN TUBE MAD & APONY ADHESINE. THE ANCHORING SYSTEM SHALL BE THE HILLHITH THAN OAND OR WAT AND 50 SYSTEMS SPECTIFED IN DWG, DOR ENGINEERS APPROVED EQUAL.

EXPANSION BOLTS SHALL CONFORM TO FEDERAL SPECIFICATION FS-S-235, GROUP II, TYPE 4, CLASS I, HILIT KWIK BOLT III OR APPROVED EQUAL, INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUACTURER'S RECOMMENDATIONS.

LUMBER SHALL CORREY WITH THE REQUIREMENTS OF THE AMERICAN INSTITUTE OF THIGH STREAM ONCE ASSOCIATION WITHOUT DAM ON THE NATIONAL TO RESTAND SECURIFORM ON ONS THE TOTAL ALL DAMASES SHALL SEES INS SECURIFORM ON AND SHALL BE STRUCTURAL GRADENO. 2 OR BETTER.

WHERE ROOF PENETRATIONS ARE REQUIRED, THE CONTRACTOR SHALL CONTRACT AND COORDANNER RELATED WOOK WITH THE BULLDING OWNER AND THE EXISTING ROOF INSTALLER, WORK SHALL BE PERFORMED IN SUCH A MANINER AS TO NOT VOID THE EXISTING ROOF WARRANTY. ROOF SHALL BE WATRATIGHT.

ALL FIBERGLASS MEMBERS USED ARE AS MANUFACTURED BY ANYONNELL CONSTRUCTOR OF THE DESIGN CRITERIA FOR THESE WHOBERS IS BASED ON INFORMATION PROUDED IN THE MEMBERS ALL REQUIREMENTS POBLISHED IN SAID MANUAL MUST BE STRICTLY ADHRED TO.

NO MATERIALS TO BE ORDERED AND NO WORK TO BE COMPLETED UNTIL SHOP DRAWINGS HAVE BEEN REVIEWED AND APPROVED IN WRITING.

SPECIAL INSPECTIONS (REFERENCE IBC CHAPTER 17)

GENERAL: WHERE APPLICATION IS MADE FOR CONSTRUCTION, THE OWNER O THE REFERED DESTREES OF ACTIVES. IN RESPONSIVE CHARGE ACTIVES THE OWNER'S RAGEN SHALL INVICE ONCE IN ORGA APPROVED CHARGHEIS. TO PERRORM INSPECTION SUBJING CONSTRUCTION ON THE TYPES OF WORK LISTED IN THE INSPECTION CHECKLIST ABOVE.

ENEGRIZENDE DESCRIA PROFESSIONAL IN RESPONSIBLE CHARGE AND ENGRIENE AND ENGRED AND ENGRED AND ENGRED AND ENGRED AND ENGRED AND THEIR RESONNEL ARE PERMITTED TO ACT AT HE APPROACH CAREKY AND THEIR RESONNEL ARE PERMITTED TO ACT AT HE APPROACH ORBIT WHO WAS RESIGNED IN A MONE DESIGNED THEIR MONINGENERS.

Site Name: SOUTH WINDSOR

39 DART HILL ROAD SOUTH WINDSOR, CT 06074

STATEMENT OF SPECIAL INSPECTIONS: THE APPLICANT SHALL SUBMIT A STATEMENT OF SPECIAL INSPECTIONS REPREADED BY THE REGISTREED BEST OFFICE OFFICE

Prepared For:

TARPON TOWERS III

8916 77TH TERRACE EAST SUITE 103 LAKEWOOD RANCH, FL 34202

REPORT REQUIREMENT. SECIAL INSECTOR SHALL FEBRE PECLOSO CETAINSTELLAR REQUIREMENT SECTORS SHALL FEBRE PECLOSO CETAINSTELLAR SHALL SHALL SHANGSIN RESECTIONS. THE BULDING OFFICIAL, AND TO THE REGISTRED DESIGN POFFICIAL SHOWN THE REGISTRED DESIGN POFFICIAL SHALL INDICATE THAT WORK INSECTOR SHALL BE REQUIRED TO HE WON'T CONSECTOR. THE BULDING OFFICIAL BE REGISTED DESIGN PROFESSION, IN RESECUENT TO THE HER SECTIONS SHALL BE REQUIRED TO THE REQUIREMENT SHALL S

DOUGLAS J. ROBERTS - ARCHITECT 10 Washington Avenue

Fourth Floor North Haven, CT 06473 Project No: 2022.17

CONNECTICUT SITING COUNCIL DEVELOPMENT & MANAGEMENT DOCUMENTS

Tel: 203.234.6368

SPECIAL INSPECTION CHECK LIST

PRE CONSTRI	PRE CONSTRUCTION ACTIVATES
ONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
REQUIRED	ENGINEER OF RECORD APPROVED SHOP DRAWINGS
REQUIRED	MATERIAL CERTIFICATION REPORTS
REQUIRED	PACKING SLIPS
REQUIRED	BORROWED FILL CERTIFICATION
REQUIRED	CONCRETE MIX DESIGN

REPORT ITEM	SUB BASE INSPECTIONS	BASE INSPECTIONS	FORMWORK INSPECTIONS	REINFORCEMENT STEEL INSPECTIONS	ANCHOR BOLT INSPECTIONS	CONCRETE SLUMP AND AIR ENTRAINMEN INSPECTIONS	CONCRETE COMPRESSIVE TESTING	CONCRETE PROTECTION	BACK FILL COMPACTION TESTING	POST CONSTRUCTION	REPORT ITEM	CONCRETE COMPRESSIVE TESTS REPOTS	
CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	REQUIRED	POST CO	CONSTRUCTION/INSTALLATION INSPECTIONS AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REQUIRED	

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REVISION SCHEDULE

Author July 2, 2024 Checker 2022.17 12" = 1:0"

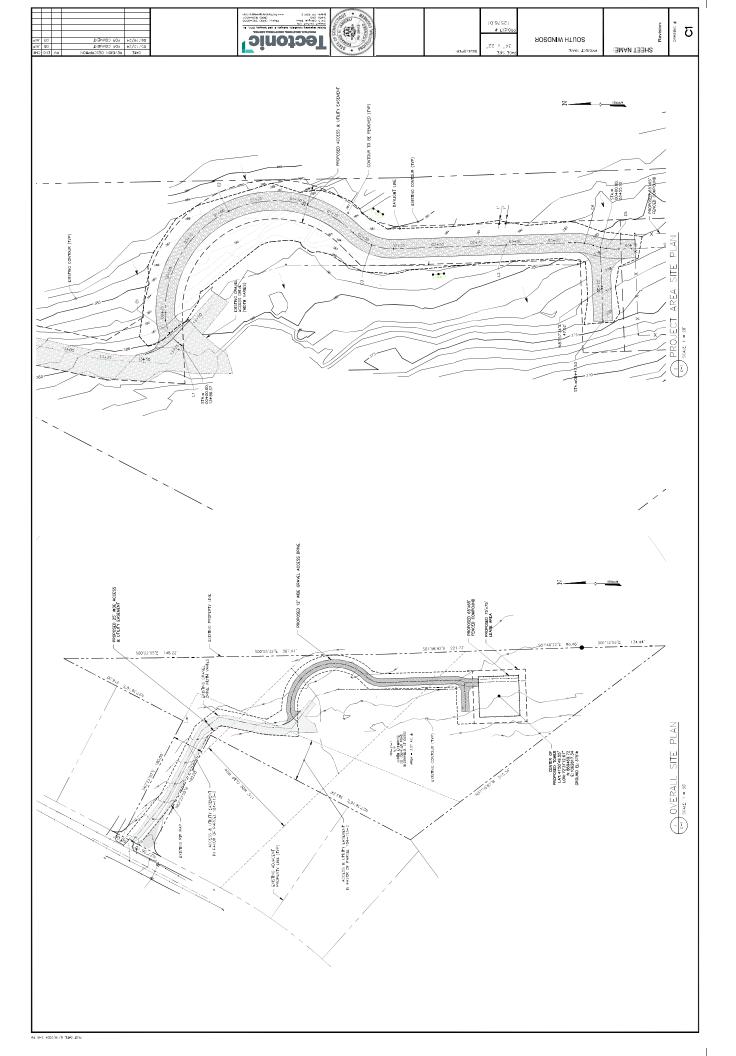
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GENERAL NOTES

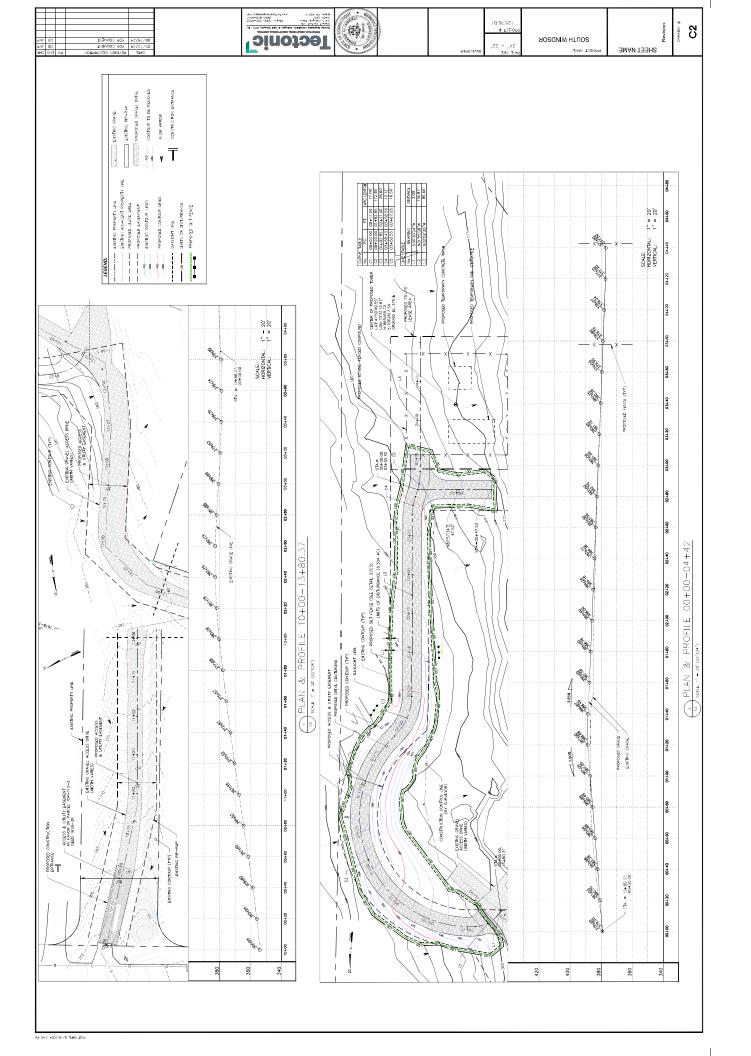
BACK FILL COMPACTION TEST REPORTS

REQUIRED REQUIRED REQUIRED

PHOTOS OF ALL CONSTI ACTIVATES AS BUILT DRAWINGS

2 **GN-101**









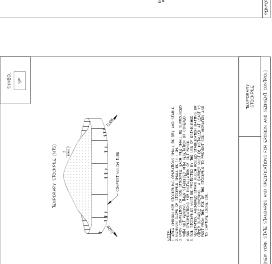




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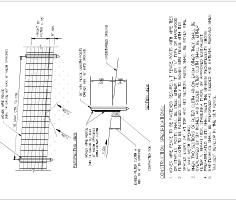
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STABLIZED CONSTRUCTION ACCESS

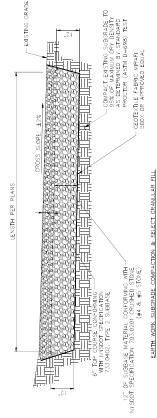
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RENFORCED SLT FENCE 36" MIN. PENCE LENGTH PRISTS DRIVEN MIN. 16" INTO GROUND

TEMPORARY SOIL STOCKPILE DETAIL

SOME INS





CONTRACTOR SHALL BE RESPONSIBLE FOR CLEARING & CRUBBING THE CONSTRUCTION SITE. AND READMAY AREAS. THE CONSTRUCTION SITE AND RECORDERS SHALL CONDET WITH THE RECORDING SOCIATION SOCIATION OF REPORT, AS REPEARED FOR THIS SITE, MARN RECESSARY, FOR SITE MARN PROPERTY, REPROFINGING, & FOUNDATION CHARL SEA ADMINISHING THE TOP SOCIATION SHALL BE REPORTED. THE SPARKED SOCIATION OF CONFACTED AND CONTRACTE. FARRIC INSTRUCTION SOCIATIONS OF CONFACTED AND

- ALL SELECT GRANULAR FILL SHALL BE COMPACTED TO A 95% COMPACTION AT A MAXIMUM DRY DENSITY AS DETERMINED BY MODIFIED PROCTOR TEST (ASTM DE-1557) AND MITHIN PLUS OR MINUS 3% OF OFTINUM MOSTIME. CONTENT.
 - CONTRACTOR TO ASSURE THAT EXISTING DRAINAGE PATTERNS ARE MAINTAINED.



WASH DETAIL

TEMPORARY CONCRETE

PLAN

SECTION

H. When topsoil is deemed transcessary, seedbed preparation shall be employed. Apply lim accordance with the Blue Book page 4, 29 (2016).

The seed mixture shall be applied in accordance with Blue Book Table 4.5 (2016).
 Mulch shall be applied to all newly seeded areas immediately following seeding.

Provide and install a mulch adequate to protect the seeding during its growing period. It shall be the responsibility of the Contractor to determine the appropriate mulching techniques for the particular site conditions and sequence approval of the same from the Commissioner of Pables Works or the Public Works Operations Supervisor.

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Such temporary sediment beaus shall be shallow excavated beasins and be of suitable size to promul the sedime of soling and soling and the sediment of the substituted with graded aggregate in view temporary beause and sed to the sediment. Jeadwalls and Riprap

- A. Hendwalls shall be designed and installed such that their location will be as far from the edge of the toodway as is necessary to provide a safe and stable slope. A suitable occess area for maintenance shall be provided within the ROW or essencir.
 - The soils downstream of all beadwalls shall be subblized with rignar. Rip mp shall be inculled at a minimum depth thickness of 18 inches and groated in plac
- Prior to the installation of riposp, a governile undercut fabric shall be installed upon the subgrade, in an anchoring trench one-foot deep and one-foot wide, with the length equal to the width of the riprup agrees at that point. The anchoring trench shall be backfilled with pea

11-2 Materials

- Ceotanile underdenii feltre chali by "UPN; IB 2000" by WNEAN or an approved or equal. The material and manufacture of an approved or equal, must be lived in the NYSSOI Engineering Devision Approved Materials. Engineera, Methods and Proceedings (July 14, 2012).

 - B. Aggregate used for aggregate sediment filter construction shall consist of well-graded stup to one-wed-one-half melses (1-1/2") in diameter.
- Oudet subilization aggregate for temporary dewatering sediment basins shall be graded, ranging up to one-and-care-half inch (1-1.2") diameter stone. All njung will fall within the weight range of 20 to 35 pounds with 75 percent (75%) of 1 riprap in the 25- to 35-pound weight range. Riprap shall be groated in place.
 - . Pes gravel shall be U.S. Standard Sieve Mesh No. 6.
- Mulch shall be wood fiber hydromulch or another sprayable product approved for erosion control (tydon web or mesh) applied according to the manufacturers' specification.
- A relation that their every began and image swists. "Collect fileyore by A married Bendesic Company." GEOFFE Stages Processes Streen by Penes Geosystem, et an improved except for all alloys exceeding three-sames CEI A says protection shall be a fine the control of the control of the control of the control of the data and the control of the control of the control of the control of the approach of except most be fasted in the NOTE Theorem for the data and the control of the control of the control of the control of the data and the control of the control of the control of the control of the Theorem of the Born food and needing the gradient explanation of the the experiments of the Born food and meeting the gradient explanation requirement in Table 11.

- Immediately following the completion of construction activities in any portion of the site, permanent regention shall be established on all exposed soils. Such areas shall include, but not be limited to lawn areas and exposed soil overlying sub-surface pipes.
- B. Apply liquid malch bander to equipment staging arens, abandoned roadways, and any areas adjacent to these which have also been disturbed by construction activities. C. Stabilization with permanent vegetation cover shall be performed only between April 1 to October 15, or as weather permits.

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Install geotexule undercut fabric upon the subgrade prior to the installation of riprap. The fabric shall be installed in accordance with the manufacturer's recommended methods for installation.

- D. In the event that stabilization is necessary at a time outside these periods, the disturbed area shall be temperatingly stabilized with archored mulch or an approved or equal until such time as effective seeding may occur.
 - Areas to be stabilized with permanent vegetation shall be prepared by applying topso uniform depth of four (4) inches.
- all topsoil with approved ma
- The Contractor may amend nature to meet the above specifications.
- G. Immediately prior to topsoil application, the surface shall be scarified to provide a good by with the topsoil.

section 11 - Erosion and Sediment Control

- In The Self Inservation and Science of confidence and their their deliberation graphs and the Yer's 11 First State Standard Science and Science of Center of Highs Inservation, and the Center of Center of Self-American Cent
 - C. Damage to surface waters resulting from erosion and sedimentation shall be minimized by stabilizing disturbed areas and by removing sediment from construction sile discharges. B. The Developer or its Contractor shall be responsible for the implementation, construction maintenance of all soil crosson and sediment control measures in secondance with all applicable federal, state and tocal taws, rules and regulations.
 - Insular ns practiculos, exasting vegetation shall be preserved.

 Site preparation activities, shall be planned to minimize the area and duration of soil disruption.
- Permanent unffic corridors shall be established and "routes of convenience" shall be ave
- G. Crostruction traffic shall not cross streams or direles except a standle crossing facilities and shall not operate unancessarily within the waterways or drainings direles.

 Storm Sever Denings Structure
 - All storm sewer drainings structures having an open grate shall be required to have protection in conformance with the Blue Book.
- Stone check dome or aggregate sediment filter shall be constructed at least every 200 should be coursed eved of admage dried and at its downstream terminns. Dams shall be unstalled such that the elevation of the crest of the downstream dam is at the same effect of the toe of the upstream dam. tone Check Dams or Aggregate Sediment Filters
- Ditches less than 200 feet in total length shall have a stone sediment filter con downstream termini.
- Additional stone check dams or aggregate sediment filters shall be constructed as deems recessary by the Commissioner of Public Works or Public Works Operations Supervisor emporary Dewatering Sediment Basins
- Whenever the discharge from deviniering operations cannot be directed over stable areas, i, provid or well-vegated areas, temporary shallow dirches shall be cut to convey the flow in temporary sediment beats.

- Aggregate Schiment Filters and Stil Emore very elect with permanent derings (diche, all design) and considerable and considerable and all designs and an electron times was a facilitately in section of the considerable and minimizer its rebene off-cite in accordance with the Bire Bire. So, and experiment and minimizer its rebene off-cite in accordance with the Bire Bire. Bire.

 - The aggregate sediment filter shall be placed so as to fully span the ditch cre that all flow shall pass through rather than around se over the filters.
- Downsteam of the aggregate sediment filter, exposed soil over which dewatering disc occurs shall be protected with hay mulch anchired by stapled jute or plastic netting
 - The developer or his representative shall be responsible for maintaining the proper of the aggregate sediment fifters throughout the construction period and until such timal stabilization of the upstream areas contributing flow is achieved.
- The developer or the Public Works Operations Supervisor shall be responsible for teams aggregate scalinear filters after, in the optimizer of the Commissioner of Public Works or Public Works Operations Supervisor, subdization of upstream countilatory areas is achieved.

Following grading, fettilizer (S-S.) shall be applied at the me of two pounds of minogan per 1,1000 quanter for or quantization and justicated shoutened from First or all the need of 3D grounds per 1,1000 quant feet from and "lime" shall have be wided into the soil is nearly as practical to a depth of four inches with a due; spring tood harrow or other establish

Topsonl and fill that is to remain stockpiled on-site for periods grenter than 14 days shall stabilized as escoled Proto to the vesting operation, its stockpiled unastend shall be ging satisfacted and fessible to permit the use of conventional equipment for seedled preparati seeding, mulch application and mulch encholing.

Annual pre grass social shall been be uniformly spread at a rate of severals seaths (0.7) pounds. The Difform spread is a contract or as a rate of troops declarated. The pounds of pounds welling above that a rate of troops declarated (2.7) pounds per 1,000 square foor. August 15th Worstober 1.

E. If subdization by seeding counst ocen during the recommended seeding periods above closes of the lift and seeding naturally shall be reliable with machonel midth, or an approved or epail and time are electric as welling may ocear.

F. Mulch shall be spread in accordance with the Bine Book Tobb 4.2 (2016).

Seed application shall be performed by hand, cyclone, and drill or cultipack seeder or by an appropriate hydro seeding method.

Liquid mulch binder shall censist of asphal emulsion or entback asphalt, applied at 0.075 against per square synch henvier at the edges and at the cresis of banks. The remainder of the stockfold shall receive uniform treintent.

Application of liquid mulch binder shall be heavier at the edges and at the crests of banks. The remainder of the stockpile shall receive a uniform treatment.

- Sili fence or approved equal form of eroston and sediment control, shall be constructed around all stockpiles of fill) topsoil or excavated overbunden that are to tennan exposed for longer than 14 days.

H. Sült fence shall be anchored and maintained in good condition until such time ns said soletpiles are removed and stockpling areas are brought to final grade and permanent soletpiles are removed and stockpling areas are brought to final grade and permanent

- emporary Dewatering Sediment Basins
- The aggregate shall be placed in and across the outlets and maintained so as to spun the cross section of flow, and the of sufficient bischness and width such that all flow passes fromgath, rather than around or over it.
 - The anchored netting shall extend to the point where flow will occur over permanently stabilized areas (vegetated or paved).
- Le deseptor et la representator stall for popusable for constituting the temperary distalent and seitment resp- such that they (mestive effectively for the life of the deservation spermions. Herdwells, and Represe rationals and the second second second second second and A. Inself trippe parameter despit thickness of 18 inches.

7.1

11.5

Topsoil shall have a pH range of 5.5 to 7.5 standard units (s.u.) and an ((2) to 20 percent (20%).

Sieve Percent Passing 1 inch. 85-100 1/4 inch 65-100 No.200 20-100

Table 11-1 - Topsoil Gradation

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Name	Variety	Pure Seed	Percent Generation
Creeping Red Fescue (Festuca Rubin)	Commercial	20	88
Perennial Ryegrass (Lolium Perenne)	Norley	20	88
Tall Fescue (Fesyuca Elatior Var.)	Kentucky 31	30	88
Blue Grass	Mercon	01	US

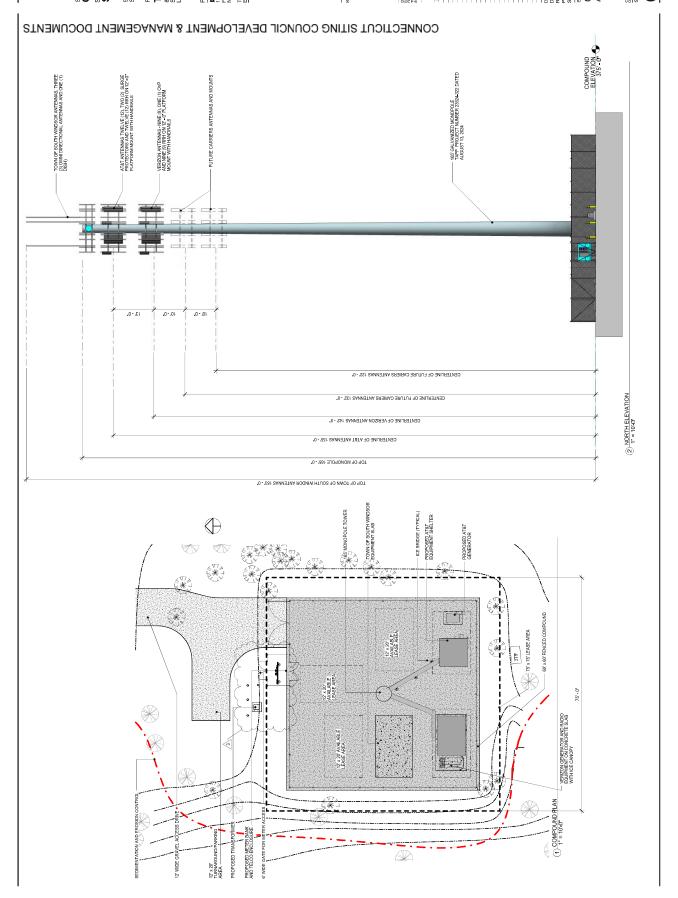
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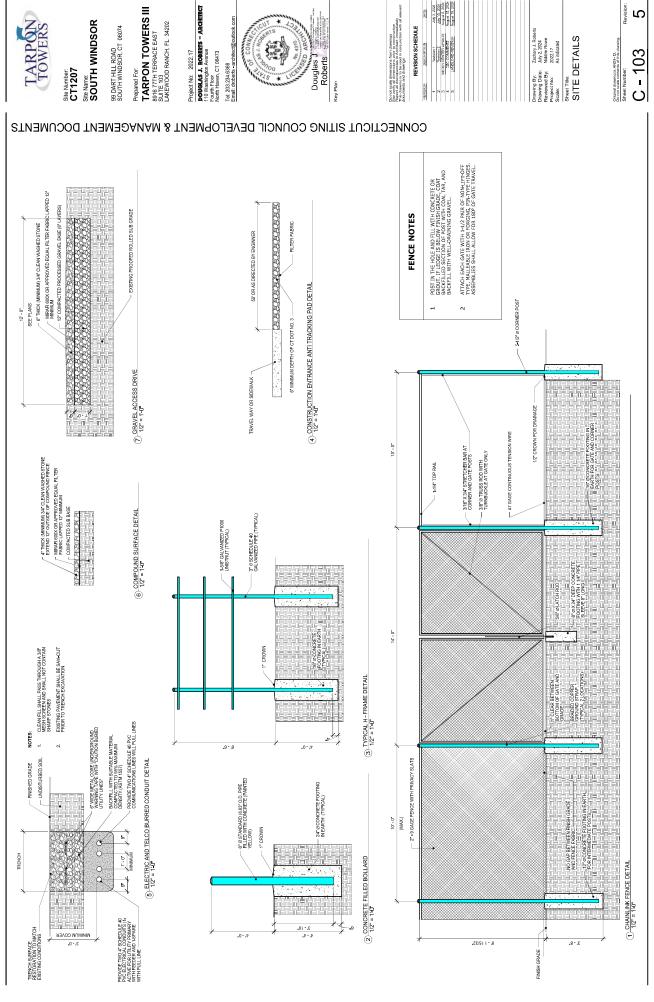
A. The developer or his representative shall be responsible for maintaining all inlet protect until sold times a be toodways are deficiated to the Town or in the opinion of the Commissioner of Public Works or the Public Works or Departies Supervisor that sufficiel vigetation has been established.

190 (190) (1

Immediately following completion of my and all of the proposed storm sever drainage structure coulked the proposed robothy, structure sear data provestion shall be installed in accordance with the *Blue Book*. The structure shall intensit prevent on shall be installed in accordance with the *Blue Book*. The structure shall intensit prevent on yeldomet memory can find the structure be all intensity in manifested in good condition and find vegetation over a well established.

TOWN OF SOUTH WINDSOR 72 PAPER CHASE N/F ROBERT N. TOWER ROPOSED CENTER OF OF TOWER 11/790 117 DART HILL ROAD NIF NIHIL CLARK, JR





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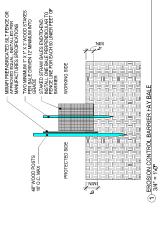
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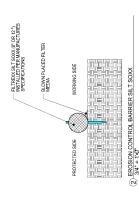
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SILT SOXX NOTES

- USE SILT SOXX WHERE CONDITIONS DO NOT ALLOW STAKES TO BE DRIVEN.
- SILT SOXX FILL TO MEET FILTER SPECIFICATIONS AND APPLICATION REQUIREMENTS STRAW BALES TO BE TIED WITH BIODEGRADABLE TWINE 2 m
- SILT SOXX COMPOSE MATERIAL TO BE DISPERSED ON SITE OR AS DETERMINED BY THE ARCHITECT

EROSION CONTROL MEASURE NOTES

- DISTURBED AREAS SHALL BE KEPT TO THE MINIMUM AREA NECESS. TO CONSTRUCT THE ROADWAYS AND ASSOCIATED DRAINAGE FACILITIES.
- HAY BALE BARRIERS AND SEDIMENT TRAPS SHALL BE INSTALLED REQUIRED. BARRIERS AND TRAPS ARE TO BE MAINTAINED AND CLEANED UNTIL ALL SLOPES HAVE A HEALTHY STAND OF GRASS.
 - BALED HAY AND MULCH SHALL BE MOWING'S OF ACCEPTABLE HERBACEOUS GROWTH, RREE FROM NOXIOUS WEEDS OR WOODY STEMS, AND SHALL BE DRY. NO SALT HAY SHALL BE USED.
- STOCKPILED MATERIALS SHALL BE RACED ONLY IN AREAS SHOWN THE PLANS. STOCKPILES SHALL BE REPOTECTED BY STLYATION FEW SEEDED TO PREVENT RROSION, THESE MEASURES SHALL REM UNTIL ALL MATERIAL HAS BEEN PLACED OR DISPOSED OFF SITE. FILL MATERIAL SHALL BE FREE FROM STUMPS, WOOD, ROOTS, ETC.
- ALL DISTURBED AREAS SHALL BE LEAVED AND SEEDED. A MINNAM OF A INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN OF A INCHES OF LOAM SHALL BE INSTALLED WITH NOT LESS THAN OF A INCHES OF LOAM SHALL BE SHALL BE WELLOAD TO BE OF A INCHES AND THE ACCOMPLISED BY RROADCAST SEEDING OR HYDROSEEDING AT THE ARTER SHALL BE WITE OF OUTLINED.
- AFTER ALL DISTURBED AREAS HAVE BEEN STABILIZED THE TEMPOR EROSION CONTROL MEASURES ARE TO BE REMOVED.
 - ALL CATCH BASIN INLETS WILL BE PROTECTED WITH LOW POINT SEDIMENTATION BARRIER. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES.

9

- ALL STORM DRAINAGE OUTLETS WILL BE STABILIZE AND CLEANED AS REQUIRED, BEFORE THE DISCHARGE POINTS BECOME OPERATIONAL.
 - ALL DEWATERING OPERATIONS MUST DISCHARGE DIRECTLY INTO A SEDIMENT FILTER AREA. NO DISCHARGE SHALL BE DIRECTED TOWARDS ANY PROPOSED DITCHES, SWALES, OR PONDS UNTIL THEY HAVE BEEN PROPERLY STABILIZED.

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AND EROSION
CONTROL DETAILS

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CONNECTICUT SITING COUNCIL DEVELOPMENT & MANAGEMENT DOCUMENTS

Tel: 203.234.6368 Email: droberts - arc

DOUGLAS J. ROBERTS - ARCHITECT 10 Washington Avenue Fourth Floor North Haven, CT 06473 Project No: 2022.17

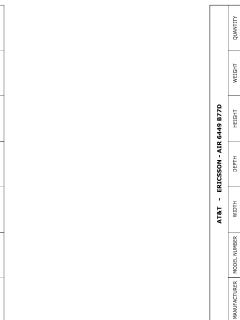
Prepared For:

TARPON TOWERS III
8919, 77H TERRACE EAST
SUITE 103
LAKEWOOD RANCH, FL 34202

Site Name: SOUTH WINDSOR 39 DART HILL ROAD SOUTH WINDSOR, CT 06074

ĕ		
CCI - TPA65R-BL	ОЕРТН	
AT&T	WIDTH	
	MODEL NUMBER	
	MANUFACTURER	

	QUANTITY	m
	WEIGHT	87.5 LBS
-BUSDA-K	нетснт	.96
CCI - TPA65R-BU8DA-K	DEPTH	7.8"
AT&T -	WIDTH	21"
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	MANUFACTURER	IDD





95.5 LBS.

30.6"

10.6"

15.9"

AIR 6449 B77D

ERICSSON







QUANTITY

WEIGHT 28.7 LBS

HEIGHT

DEPTH

WIDTH 10.24"

MODEL NUMBER

33,

24"

AT&T - SQUID DC9-48-60-24-8C-EV

2

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QUANTITY

WEIGHT 55.4 LBS

HEIGHT

DEPTH

WIDTH

MAUNUFATURER MODEL NUMBER AIR 6419 N77G

7.3"

16.1"

ERICSSON

AT&T - ERICSSON - AIR 6419 N77G

m

99 DART HILL ROAD SOUTH WINDSOR, CT 06074

Site Number:
CT1207
Site Name:
SOUTH WINDSOR



Prepared For: TARPON TOWERS III 8916 77TH TERRACE EAST SUINTE A103	LAKEWOOD RANCH, FL 34202	Project No: 2022.17	DOUGLAS J. ROBERTS - ARCHITECT 110 Washington Avenue	Fourth Haven, CT 06473
DANAM	ΆT	EN.	ЬМ	0

Project No. 2022.17 Dougles, J. Roberts - Archmot 110 Vestington Avenue Count Foot North Have, CT 06473 Tez 202.246.588 Email debets - architectouchock com

QUANTITY m

HEIGHT

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AT&T - CCI - OPA65R-BU8DA-K

81.5 LBS WEIGHT

.96

7.7"

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Revision:

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	QUANITY	m
4/829	WEIGHT	57.3 LBS
- RRU 4494 B1	HEIGHT	15"
- ERICSSON	DEPTH	7.3"
AT&T	WIDTH	13.2"
	MODEL NUMBER	RRU 4494 B14/B29
	AT&T - ERICSSON-RRU 4494 B14/B29	AT&T - ERICSSON - RRU 4494 B14/B29 WIDTH DEPTH HEIGHT WEIGHT

29 WEIGHT QUANITY 573.185 3	7	-	1.	-3
29 NEIGHT 57.3 LBS			QUANITY	m
<u> </u>		4494 B14/B29	WEIGHT	57.3 LBS



Prepared For:

TARPON TOWERS III
8016, 771H TERRACE EAST
SUITE 103
LAKEWOOD RANCH, FL. 34202

QUANITY

WEIGHT

HEIGHT 17.5"

WIDTH 15.1"

MODEL NUMBER RRU 4890 B25/B66

.6.9

AT&T - ERICSSON-LTE RRU 4890 B25/B66

Site Number: CT1207 Site Name: SOUTH WINDSOR

99 DART HILL ROAD SOUTH WINDSOR, CT 06074

Project No: 2022.17 **DOUGLAS J. ROBERTS - ARCHITECT**110 Washington Avenue

Fourth Floor North Haven, CT 06473

CONNECTICUT SITING COUNCIL DEVELOPMENT & MANAGEMENT DOCUMENTS



ERICSSON RRU 4415 B30 WCS HEIGHT

AT&T -WIDTH 13.4"

DEPTH .9'6

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50" 32" 72" 1	DEL NUMBER	LENGTH	WIDTH	HEIGHT	WEIGHT
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1		

	AT&T	ERICSSON-	ERICSSON - LTE RRU 4490 B5/B12	B5/B12	
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	QUANTITY	m
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IN OF SOUTH V	DIAMETER	3.
ТОМ	MODEL NUMBER	CC450-09
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	TARPON TOWERS	Site Number: CT1207 Site Name: SOUTH WINDSOR	99 DART HILL ROAD SOUTH WINDSOR, CT 06074	Prepared For: TARPON TOWERS III 8916 77TH TERRACE EAST SUIF 103 LAKEWOOD RANCH, FL 34202	Project No: 2022.17 DOUGLS 1, BOBRES - ARCHITECT 170 Weshington Avenue Fourth Floor Will Avenue North Haven, CT 08473	Tel: 203.234.6368 Email: droberts - architect@outlook.com	100 mg	Douglas J Roberts	Do not sook (firmedies) from demonstration of the control of the c	documents and drawings REVISION SCHEDULE	REVISION DESCRIPTION DATE
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MANUFACTURER	MANUFACTURER MODEL NUMBER	WIDTH	ОЕРТН	HEIGHT	WEIGHT	QUAN
SAMSUNG	MT6413-77A	15.75"	5.51"	28.9"	57.32 LBS	m

		VERIZON -	VERIZON - SAMSUNG MT6413-77A	T6413-77A		
FACTURER	FACTURER MODEL NUMBER	WIDTH	ОЕРТН	HEIGHT	WEIGHT	QUANT
MSUNG	MT6413-77A	15.75"	5.51"	28.9"	57.32 LBS	3





	WEIGHT	1,770 LBS.	
SN	FUEWERGACITY	SABJUBBUSBIS	
SPECATION	HEIGHT	57.7"	
IS SPERMINA	WIDTH	41"	
VERLIZIZI GBNJIK SEDISTREDION STORISFI CATIONS	LENGTH	.9'0'6	
VERLE	MODEL NUMBER	SOREOZJE	
	MANUFACTURER MODEL NUMBER	KOHLER	

		VERIZON -	VERIZON - COMSCOPE NHH-65B-R2BT4	H-65B-R2BT4		
MANUFACTURER	MANUFACTURER MODEL NUMBER	WIDTH	DEPTH	HEIGHT	WEIGHT	QUANTITY
COMSCOPE	NHH-65B-R2BT4	11.85"	7:087"	71.969"	50.927 LBS	ю



VERIZON RADIO CABINET SPECIFICATIONS

1,955 LBS WEIGHT

HEIGHT 85.2"

DEPTH 35.4"

MODEL NUMBER WIDTH

32"

RBAS4 EQUIPMENT CABINET

TARPON	Site Number: CT1207 Site Name: SOUTH WINDSOR	99 DART HILL ROAD SOUTH WINDSOR, CT 06074	Pepared For: TARPON TOWERS III 8916 777H TERRACE EAST SUIF 103 LAKEWOOD RANCH, FL 34202	Project No. 2022.17 DOUGLAS J. DOBRTS - ARCHITECT 110 Visional Architecture 110 Visional Archit	William Control of the Control of th	Douglas Key Plun		REVISION SCHEDULE HENBION DESCRIPTION ANTE
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Project No: 2022.17 DOUGLAS J. ROBERTS - ARCHIT	110 Washington Avenue Fourth Floor North Haven, CT 06473	Tel: 203.234.6368 Email: droberts - architect@outlook.com	Selbudo
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droberts - architect@outlook.com	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Douglas
늄	Miller	

QUANTITY

WEIGHT

HEIGHT

DEPTH 7.087"

WIDTH 11.85"

MODEL NUMBER NHH-65B-R2B

MANUFACTURER

VERIZON - COMSCOPE NHH-65B-R2B

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		VERIZON -	VERIZON - SAMSUNG RF4423-48A	423-48A		
MANUFACTURER	MODEL NUMBER	WIDTH	рертн	HEIGHT	WEIGHT	QUANTITY
SAMSUNG	SAMSUNG RF44610-13A	8.7"	4.2"	11.8"	15.4 LBS	m

ОЕРТН			
	HEIGHT	WEIGHT	QUANTITY
4.2"	11.8"	15.4 LBS	m



QUANTITY

WEIGHT

HEIGHT 14.96"

DEPTH

WIDTH 14.96"

MODEL NUMBER

MANUFACTURER

VERIZON - SAMSUNG RF4439d-25A





QUANTITY

VERIZON - SAMSUNG RF4461d-13A DEPTH 10.24"

WIDTH 14.96"

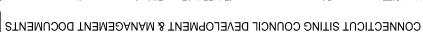
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MANUFACTURER

SAMSUNG



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7- PF-48	21"	18"	35"	45.15 LBS.



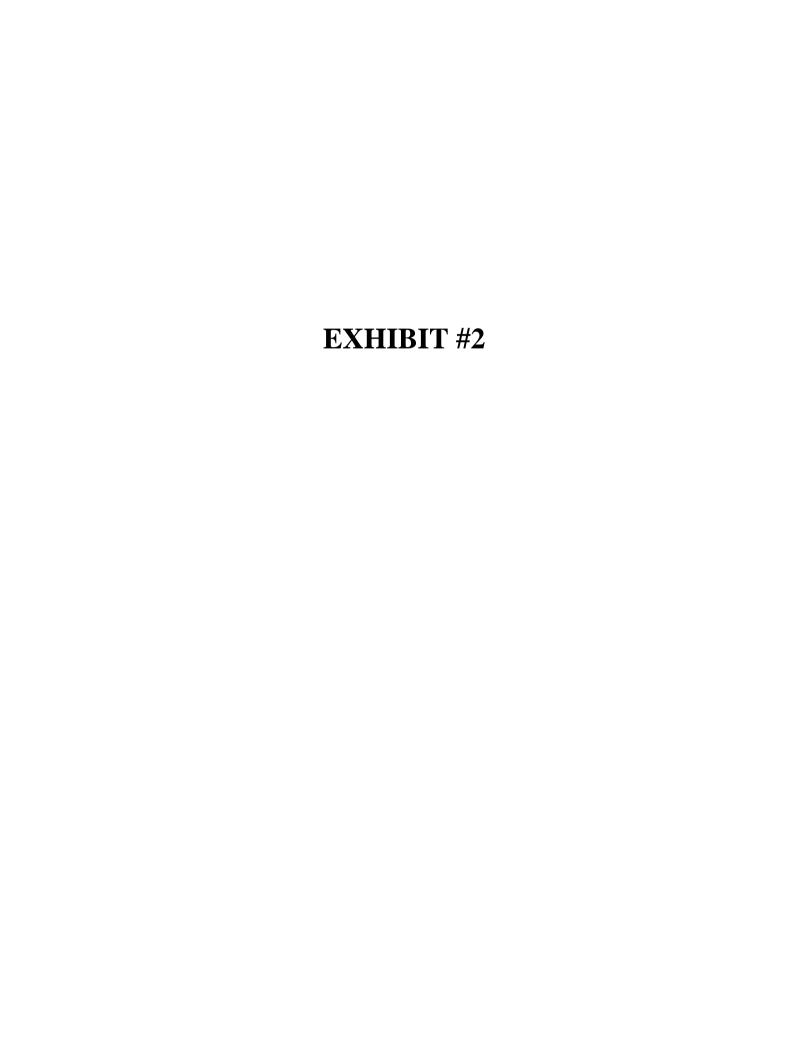
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DETAILS

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PETROLEUM MATERIALS STORAGE & SPILL PREVENTION PLAN

Project CT1207 South Windsor

99 Dart Hill Road South Windsor, Connecticut

August 16, 2024

Prepared For:



Tarpon Towers III 8916 77th Terrace East, Suite 103 Lakewood Ranch, Florida

Prepared By:



Environmental Services, Inc. 90 Brookfield Street South Windsor, Connecticut

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<u>Figures</u>

Figure 2 Site Plan

1.0 <u>INTRODUCTION</u>

1.1 Purpose

On behalf of Tarpon Towers, Environmental Services, Inc. (ESI) prepared a Petroleum Materials Storage & Spill Prevention Plan for the proposed communication tower site located at 99 Dart Hill Road in South Windsor, Connecticut (Project CT1207 South Windsor). Figure 1 depicts the tower location. The purpose of this plan is to identify potential sources of petroleum stored onsite during the construction, operation, and maintenance of the tower, as well as provide procedures for managing and handling petroleum products on the property.

1.2 Site Information

The 99 Dart Hill Road parcel comprises 3.57 acres, and consists of undeveloped, lightly wooded land. The proposed communications tower will be constructed in the southern portion of the property, approximately 520 feet to the southeast of the edge of Dart Hill Road. Figure 2 depicts the property layout including the location of the proposed tower.

In the area of the proposed tower, the site's topography slopes downwards towards the west. According to the CTDEEP Water Quality maps, there are no named surface water bodies located on the 99 Dart Hill Road parcel. The groundwater classification for the area is GA which indicates that the project site may be within the area of influence pf private and public water supply sources.

2.0 PLAN ADMINISTRATION

2.1 Designated Person

Mr. Doug Roberts is the Designated Person Accountable for petroleum spill prevention at the tower site, and has the authority to commit the necessary resources to implement this plan.

Property Owner: Jade Real Estate LLC

Tower Owner/Operator: Tarpon Towers III

Tower Owner Mailing Address: 8916 77th Terrace East, Suite 103

Lakewood Ranch, Florida 34202

Tower Site Contact: Doug Roberts

Telephone: 203-234-6368 (o) /203-399-8733 (c)

Email: <u>droberts-architect@outlook.com</u>

Address: 110 Washington Avenue, Fourth Floor

North Haven, CT 06473

2.2 Location of Plan

A complete copy of this Petroleum Materials Storage & Spill Prevention Plan shall be maintained within the construction office and during the construction phase of the project. Once the cell tower facility is built, a copy (copies) of the plan shall remain within the equipment shelters for each tower leassee. The Designated Person is responsible for making sure all onsite Contractors, sub-Contractors, and employees have reviewed the plan, and are familiar with the procedures outlined in the plan.

2.3 Plan Review

The Designated Person shall periodically review and evaluate this plan in regards to any changes in facility design, construction, operation or maintenance that affects the facility's potential for petroleum storage and a petroleum discharge. Such changes include:

- Changes in equipment and vehicles involving the storage or use of petroleum products;
- The addition or subtraction of containers containing petroleum products;
- The replacement, installation, or reconstruction of piping systems containing petroleum products;

Any necessary amendments to this plan must be identified and made by the Designated Person as soon as possible, but no later than one (1) month after the changes occur. The Designated Person is responsible for initiating and coordinating the required amendments and revisions to this plan. The Designated Person is also responsible for identifying a replacement or alternate person onsite in the event he leaves the project area.

3.0 FEDERAL & STATE SPILL REGULATIONS

3.1 Definition of a Spill

A spill is defined as any leak, release, uncontrolled loss, seepage, filtration, or unpermitted discharge of any liquids, solids, gaseous oil, petroleum, chemical products or hazardous wastes to the environment, within or outside of the facility building, that occurs accidentally or intentionally.

3.2 Overview of Federal and State Spill Regulations

In 1972, the Clean Water Act was established to regulate discharges of pollutants into the water of the United States and established regulations regarding minimizing oil pollution and preventing spills. The Environmental Protection Agency promulgated 40 CFR Part 112, Oil Pollution Prevention Regulations that require applicable facilities that store over 1,320-gallons of oil in aboveground containers greater than or equal to 55-gallons in size, to develop and maintain a Spill Prevention Countermeasure & Control (SPCC) Plan. Based upon a review of the site plans, Verizon's 50 kilowatt (KW) backup generator will have a 283-gallon diesel belly tank. The AT&T 20 KW backup generator will have a 54-gallon diesel belly tank. Construction and operation of the tower at the 99 Dart Hill Road property will not require an SPCC plan, due to the quantity of petroleum stored at the site.

The Connecticut General Statutes, under Chapter 446k, Section 22a-450 require that a spill be reported to the Department of Energy and Environmental Protection (CTDEEP), Emergency Response Unit via the 24-hour a day spill telephone hotline at (860) 424-3338. Spills of petroleum greater than 5-gallons require reporting. A spill of petroleum less than 5-gallons does not require reporting if the spill is cleaned up in less than 2-hours of occurring. In addition, any quantity of spilled petroleum that impacts a waterway or wetland requires reporting to the CTDEEP.

The spill report must include the location, quantity and type of material released, the date and cause of the incident, the name and address of the owner of the location of the release, and the name, address, and relationship to the owner of the person reporting the release. Additional guidelines on how to report a spill to the CTDEEP are provided in Section 5.0.

4.0 **SPILL PREVENTION**

4.1 <u>Petroleum Storage</u>

Other than the 283-gallon and 54-gallon, double-walled, diesel tanks associated with the two backup generators, the South Windsor tower facility will not have any aboveground or underground tanks containing petroleum products.

During construction, gasoline and diesel-powered trucks and equipment will be onsite. Equipment will also have hydraulic systems containing hydraulic oil reservoirs. There is always a possibility of a release due to accidents, equipment failures, and refueling operations.

4.2 **Spill Containment**

A spill containment kit with a sufficient supply of absorbent materials (pads, boom, Speedy Dry etc) must be maintained onsite in the event of a release of petroleum. The kit shall consist of the absorbent materials stored in a weathertight drum that can be ultimately used to store spent absorbent materials in the event of a release. The kit shall remain onsite both during and after construction in the event of a release. Any spent material should be properly disposed of by a licensed waste hauler (see Section 5.2.3). If absorbent material is used, it should be immediately replaced to keep the spill kit stocked.

4.3 Equipment & Vehicle Refueling Procedures

Equipment and vehicles that remain onsite should only be refueled on an impervious pad with secondary containment. Fueling of onsite equipment and vehicles should be done only as necessary. If possible, any truck or equipment that is removed daily from the site should be refueled at an offsite location. Any necessary onsite fueling shall be performed at least 100 feet from the nearest property boundary. Fuel supply trucks and containers should not remain onsite overnight.

5.0 SPILL RESPONSE & REPORTING PROCEDURES

5.1 <u>Discharge Response</u>

Local emergency responders and on-call private spill response contractors must be notified to provide the appropriate level of response needed during an emergency spill event. As described in the previous section, the site will maintain a fully-stocked emergency spill response kit in the event of a release. Onsite personnel will be required to be familiar with these spill response procedures.

In the event of a spill, the following actions must be undertaken:

- Stop operations and shut off all equipment.
- Remove any sources of spark or flame.
- Attempt to contain the spill utilizing the emergency spill kit items if there is no immediate danger of fire, explosion, or risk of injury.
- Notify the Designated Person so he can evaluate the severity of the spill, and notify the CTDEEP, emergency responders, and other onsite personnel.
- Estimate the volume of the spill.
- Identify any pathways that could potentially impact nearby wetlands, watercourses, or offsite properties.

After the spill is contained and cleaned up, all spent materials and impacted soil/gravel shall be placed in the empty spill containment drum so it can be properly disposed of by the licensed spill response contractor (Section 5.2.3).

Emergency Contacts & Telephone Numbers

5.2.1 Tarpon Towers Contact

Name	Title	Cell Phone Number	
Doug Roberts	Designated Person	203-399-8733	

5.2.2 Local, State & Federal Contacts

Name	Telephone Number
Department of Energy & Environmental Protection (CTDEEP) Emergency Response Division	(860) 424-3338 or 1-866-DEP-SPIL (1-866-337-7745)
Ambulance (local)	911
Fire (local)	911

5.2.3 Licensed Spill Response Contractor

Name	Telephone Number
Environmental Services, Inc.	860-528-9500
90 Brookfield Street	800-486-7745
South Windsor, Connecticut	

5.3 Discharge Notification

5.3.1 CTDEEP Reporting

The Connecticut General Statutes Chapter 446k, Section 22a-450 dictate that the operator/master of any boat, the person in charge of any terminal that loads oil, petroleum, or chemical liquids or solid, liquid or gaseous products, or hazardous wastes, the person in charge of any establishment, or the operator of any vehicle or other machine must <u>immediately</u> report by telephone a discharge, spill, uncontrolled loss, seepage, or filtration of oil, petroleum or chemical solids or liquid, gaseous products, or hazardous waste to the CTDEEP Emergency Response Unit.

If a spill of petroleum less than 5-gallons is immediately cleaned up/mitigated/removed within 2 hours of the release, the spill does <u>not</u> require reporting to the CTDEEP.

If a petroleum release of any size impacts water, or exceeds 5-gallons then it must be reported to the CTDEEP. The report would include the following details regarding the release:

- Location of the spill and name of the facility
- Estimated quantity and type of substance released
- The date and cause of the incident
- Name and address of the owner of the property and/or container that has resulted in the spill
- Name and address of the person making the report and their relationship to the owner

Unless specifically requested, the CTDEEP does not require a written report when reporting a spill.



Environmental Services, Inc.

90 Brookfield Street South Windsor, CT 06074-1262 (860) 528-9500 (860) 289-0138 (fax) www.e-s-i.com

FIGURES

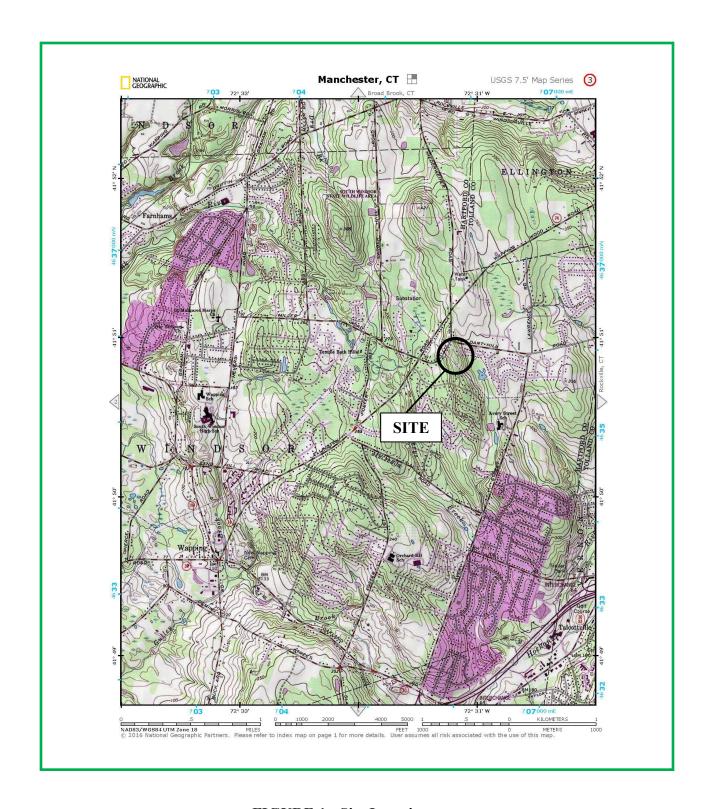


FIGURE 1 - Site Location

Tarpon Towers III – Project CT1207

99 Dart Hill Road

South Windsor, Connecticut

