STATE OF CONNECTICUT CONNECTICUT SITING COUNCIL

IN RE:

APPLICATION BY MCM HOLDINGS, LLC FOR A CERTIFICATE OF ENVIRONMENTAL COMPATIBILITY AND PUBLIC NEED FOR THE CONSTRUCTION MAINTENANCE AND OPERATION OF A WIRELESS TELECOMMUNICATIONS FACILITY AT 3 MARCHANT ROAD (CAMP HOYT), 288 SIMPAUG TURNPIKE (PARCEL NO. 12-29), REDDING, CONNECTICUT

DOCKET NO. 517

January 16, 2024

APPLICANT MCM HOLDINGS, LLC SUPPLEMENTAL SUBMISSION

Applicant MCM Holdings, LLC respectfully submits the attached updated drawings to the Connecticut Siting Council in the above-referenced proceeding.

CERTIFICATE OF SERVICE

I hereby certify that on this day, one original and fifteen (15) hard copies of the foregoing was sent via overnight Federal Express and electronically to the Connecticut Siting Council and to the parties on the service list as noted below.

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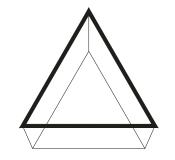
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January 16, 2024

Daniel Patrick, Esq. Lucia Chiocchio, Esq. Cuddy & Feder LLP 445 Hamilton Ave, 14th Floor White Plains, NY 10601 (914)-761-1300 Attorneys for the Applicant

cc: MCM Holdings, LLC



MCM HOLDINGS LLC **40 WOODLAND STREET**

HARTFORD, CT 06105 OFFICE: (888) 973-7483

DRAWING INDEX

VB101 COMPILATION & TOPOGRAPHIC SURVEY

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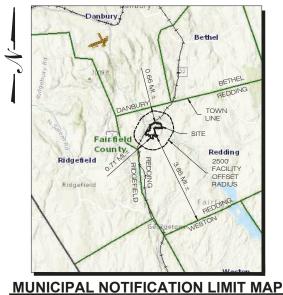
SP-2 PARTIAL SITE PLAN

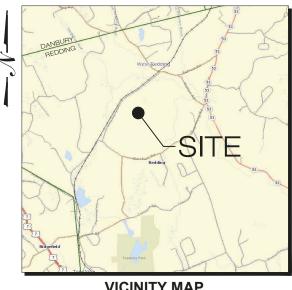
C-1 SITE DETAILS

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WIRELESS TELECOMMUNICATIONS FACILITY

CAMP HOYT 3 MARCHANT ROAD REDDING, CT 06896









POWER PROVIDER:

EVERSOURCE:

MICHAEL BOGUES (203) 270-5814 APPLICATION #11633747

TELCO PROVIDER:

OPTIMUM (866) 347-4784

CALL BEFORE YOU DIG:

(800) 922-4455

PROJECT ATTORNEY:

CUDDY & FEDER, LLP 445 HAMILTON AVENUE 14TH FLOOR WHITE PLAINS, NY 10601 (914) 761-1300

OWNER:

CONNECTICUT YANKEE

COUNCIL, INC.

60 WELLINGTON RD. BOX 32

MILFORD, CT 06460

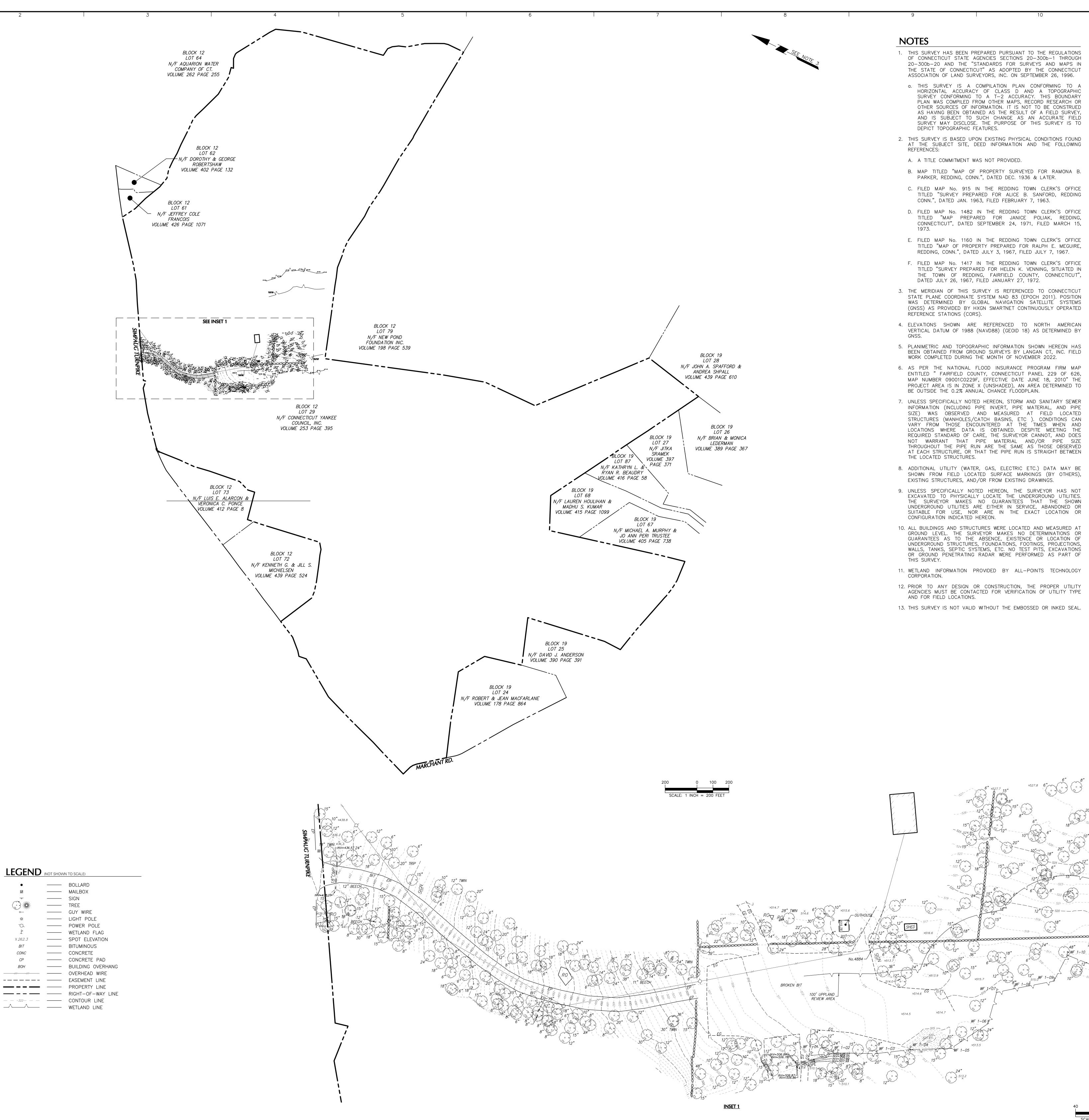
VIRGINIA KING

40 WOODLAND STREET HARTFORD, CT 06105 OFFICE: (888) 973-7483

APPLICANTS:

MCM HOLDINGS LLC





•	 BOLLARD
M	 MAILBOX
	 SIGN
	 TREE
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	 GUY WIRE
*	 LIGHT POLE
$\mathcal{O}_{\mathcal{O}}$	 POWER POLE
\$	 WETLAND FLAG
X 262.3	 SPOT ELEVATION
BIT	 BITUMINOUS
CONC	 CONCRETE
CP	 CONCRETE PAD
BOH	 BUILDING OVERHAM
	 OVERHEAD WIRE
	 EASEMENT LINE
<b>— —</b>	 PROPERTY LINE
<u> </u>	 RIGHT-OF-WAY LII
— — -322— — —	 CONTOUR LINE
_^^	 WETLAND LINE

- STATE PLANE COORDINATE SYSTEM NAD 83 (EPOCH 2011). POSITION
- REFERENCE STATIONS (CORS). 4. ELEVATIONS SHOWN ARE REFERENCED TO NORTH AMERICAN
- MAP NUMBER 09001C0229F, EFFECTIVE DATE JUNE 18, 2010" THE BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.
- 8. ADDITIONAL UTILITY (WATER, GAS, ELECTRIC ETC.) DATA MAY BE
- CONFIGURATION INDICATED HEREON.
- 10. ALL BUILDINGS AND STRUCTURES WERE LOCATED AND MEASURED AT
- 12. PRIOR TO ANY DESIGN OR CONSTRUCTION, THE PROPER UTILITY

1. THIS SURVEY HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996.

a. THIS SURVEY IS A COMPILATION PLAN CONFORMING TO A HORIZONTAL ACCURACY OF CLASS D AND A TOPOGRAPHIC SURVEY CONFORMING TO A T-2 ACCURACY. THIS BOUNDARY PLAN WAS COMPILED FROM OTHER MAPS, RECORD RESEARCH OR OTHER SOURCES OF INFORMATION. IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY, AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. THE PURPOSE OF THIS SURVEY IS TO

2. THIS SURVEY IS BASED UPON EXISTING PHYSICAL CONDITIONS FOUND AT THE SUBJECT SITE, DEED INFORMATION AND THE FOLLOWING

B. MAP TITLED "MAP OF PROPERTY SURVEYED FOR RAMONA B. PARKER, REDDING, CONN.", DATED DEC. 1936 & LATER. C. FILED MAP No. 915 IN THE REDDING TOWN CLERK'S OFFICE TITLED "SURVEY PREPARED FOR ALICE B. SANFORD, REDDING

CONN.", DATED JAN. 1963, FILED FEBRUARY 7, 1963. D. FILED MAP No. 1482 IN THE REDDING TOWN CLERK'S OFFICE TITLED "MAP PREPARED FOR JANICE POLIAK, REDDING, CONNECTICUT", DATED SEPTEMBER 24, 1971, FILED MARCH 15,

E. FILED MAP No. 1160 IN THE REDDING TOWN CLERK'S OFFICE TITLED "MAP OF PROPERTY PREPARED FOR RALPH E. MEGUIRE, REDDING, CONN.", DATED JULY 3, 1967, FILED JULY 7, 1967. F. FILED MAP No. 1417 IN THE REDDING TOWN CLERK'S OFFICE

THE TOWN OF REDDING, FAIRFIELD COUNTY, CONNECTICUT", DATED JULY 26, 1967, FILED JANUARY 27, 1972. 3. THE MERIDIAN OF THIS SURVEY IS REFERENCED TO CONNECTICUT

WAS DETERMINED BY GLOBAL NAVIGATION SATELLITE SYSTEMS (GNSS) AS PROVIDED BY HXGN SMARTNET CONTINUOUSLY OPERATED

VERTICAL DATUM OF 1988 (NAVD88) (GEOID 18) AS DETERMINED BY

BEEN OBTAINED FROM GROUND SURVEYS BY LANGAN CT, INC. FIELD WORK COMPLETED DURING THE MONTH OF NOVEMBER 2022. 6. AS PER THE NATIONAL FLOOD INSURANCE PROGRAM FIRM MAP ENTITLED "FAIRFIELD COUNTY, CONNECTICUT PANEL 229 OF 626,

PROJECT AREA IS IN ZONE X (UNSHADED), AN AREA DETERMINED TO 7. UNLESS SPECIFICALLY NOTED HEREON, STORM AND SANITARY SEWER INFORMATION (INCLUDING PIPE INVERT, PIPE MATERIAL, AND PIPE SIZE) WAS OBSERVED AND MEASURED AT FIELD LOCATED

STRUCTURES (MANHOLES/CATCH BASINS, ETC ). CONDITIONS CAN VARY FROM THOSE ENCOUNTERED AT THE TIMES WHEN AND LOCATIONS WHERE DATA IS OBTAINED. DESPITE MEETING THE REQUIRED STANDARD OF CARE, THE SURVEYOR CANNOT, AND DOES NOT WARRANT THAT PIPE MATERIAL AND/OR PIPE SIZE THROUGHOUT THE PIPE RUN ARE THE SAME AS THOSE OBSERVED AT EACH STRUCTURE, OR THAT THE PIPE RUN IS STRAIGHT BETWEEN

SHOWN FROM FIELD LOCATED SURFACE MARKINGS (BY OTHERS), EXISTING STRUCTURES, AND/OR FROM EXISTING DRAWINGS. 9. UNLESS SPECIFICALLY NOTED HEREON, THE SURVEYOR HAS NOT EXCAVATED TO PHYSICALLY LOCATE THE UNDERGROUND UTILITIES.

THE SURVEYOR MAKES NO GUARANTEES THAT THE SHOWN UNDERGROUND UTILITIES ARE EITHER IN SERVICE, ABANDONED OR SUITABLE FOR USE, NOR ARE IN THE EXACT LOCATION OR

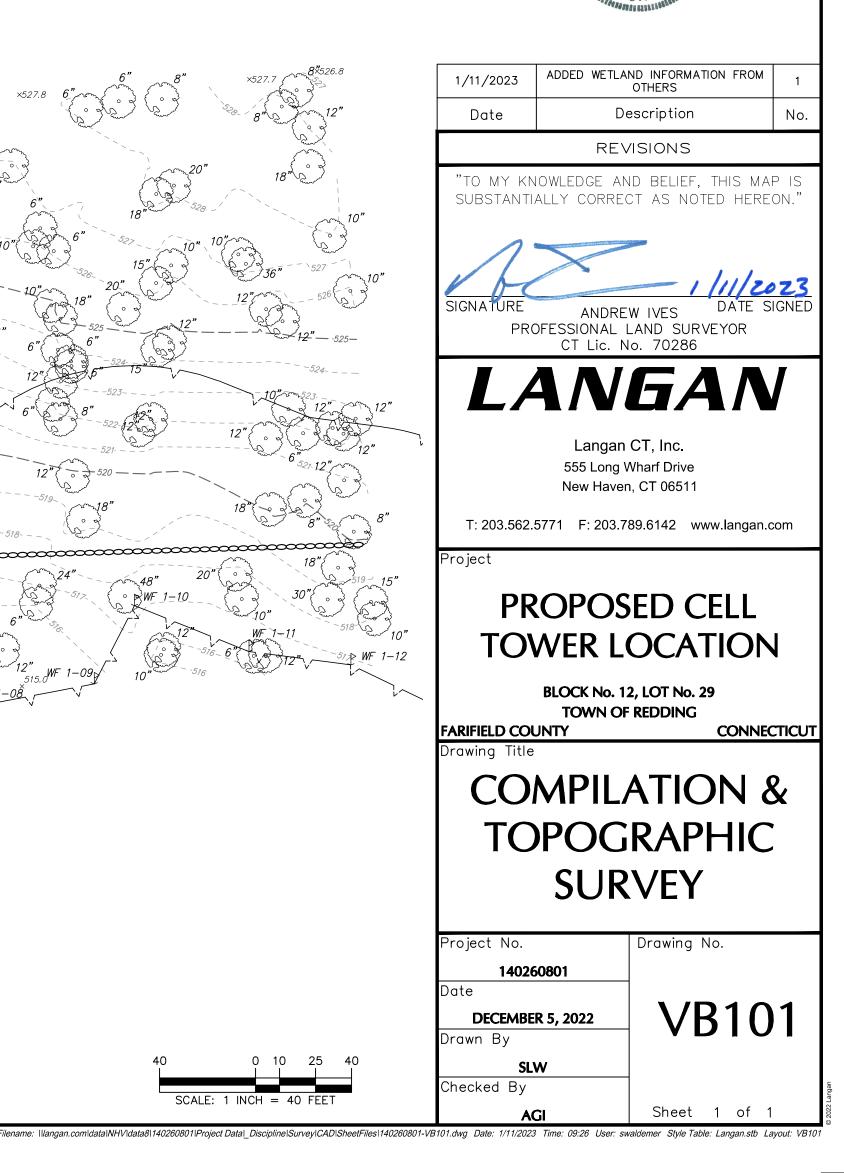
GROUND LEVEL. THE SURVEYOR MAKES NO DETERMINATIONS OR GUARANTEES AS TO THE ABSENCE, EXISTENCE OR LOCATION OF UNDERGROUND STRUCTURES, FOUNDATIONS, FOOTINGS, PROJECTIONS, WALLS, TANKS, SEPTIC SYSTEMS, ETC. NO TEST PITS, EXCAVATIONS OR GROUND PENETRATING RADAR WERE PERFORMED AS PART OF

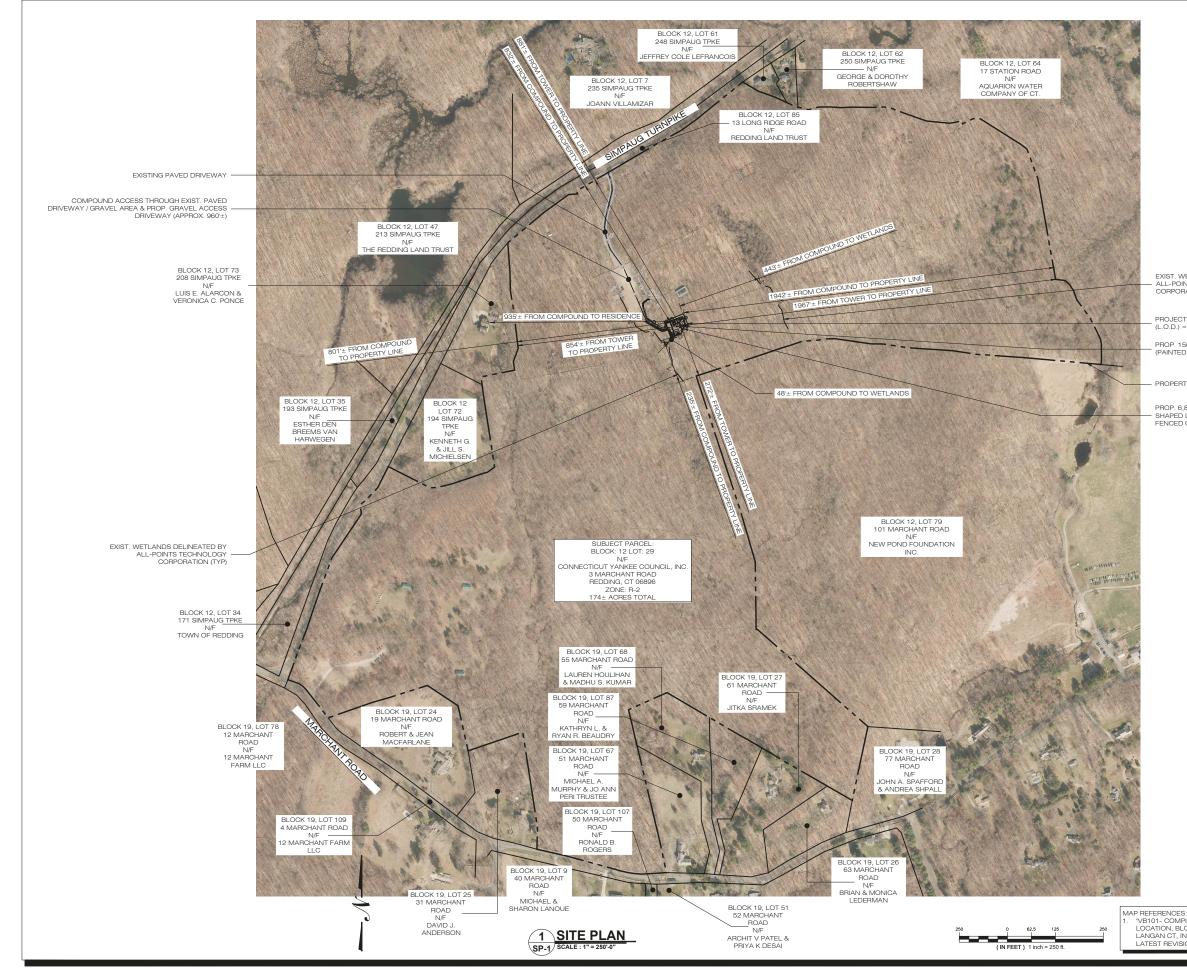
11. WETLAND INFORMATION PROVIDED BY ALL-POINTS TECHNOLOGY

AGENCIES MUST BE CONTACTED FOR VERIFICATION OF UTILITY TYPE

REDDING OF THE PROFESSIONAL. SITE PROJECT LOCATION MAP SCALE: N.T.S.







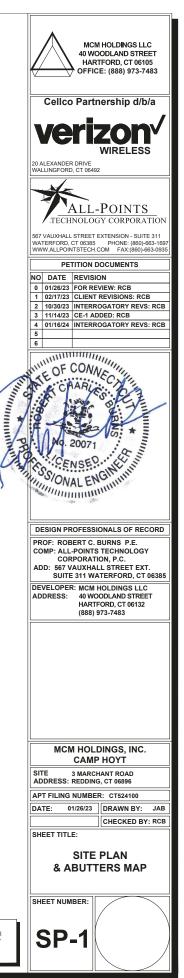
EXIST. WETLANDS DELINEATED BY ALL-POINTS TECHNOLOGY CORPORATION (TYP)

PROJECT LIMITS OF DISTURBANCE (L.O.D.) = 13,300± SF ( 0.31± ACRES)

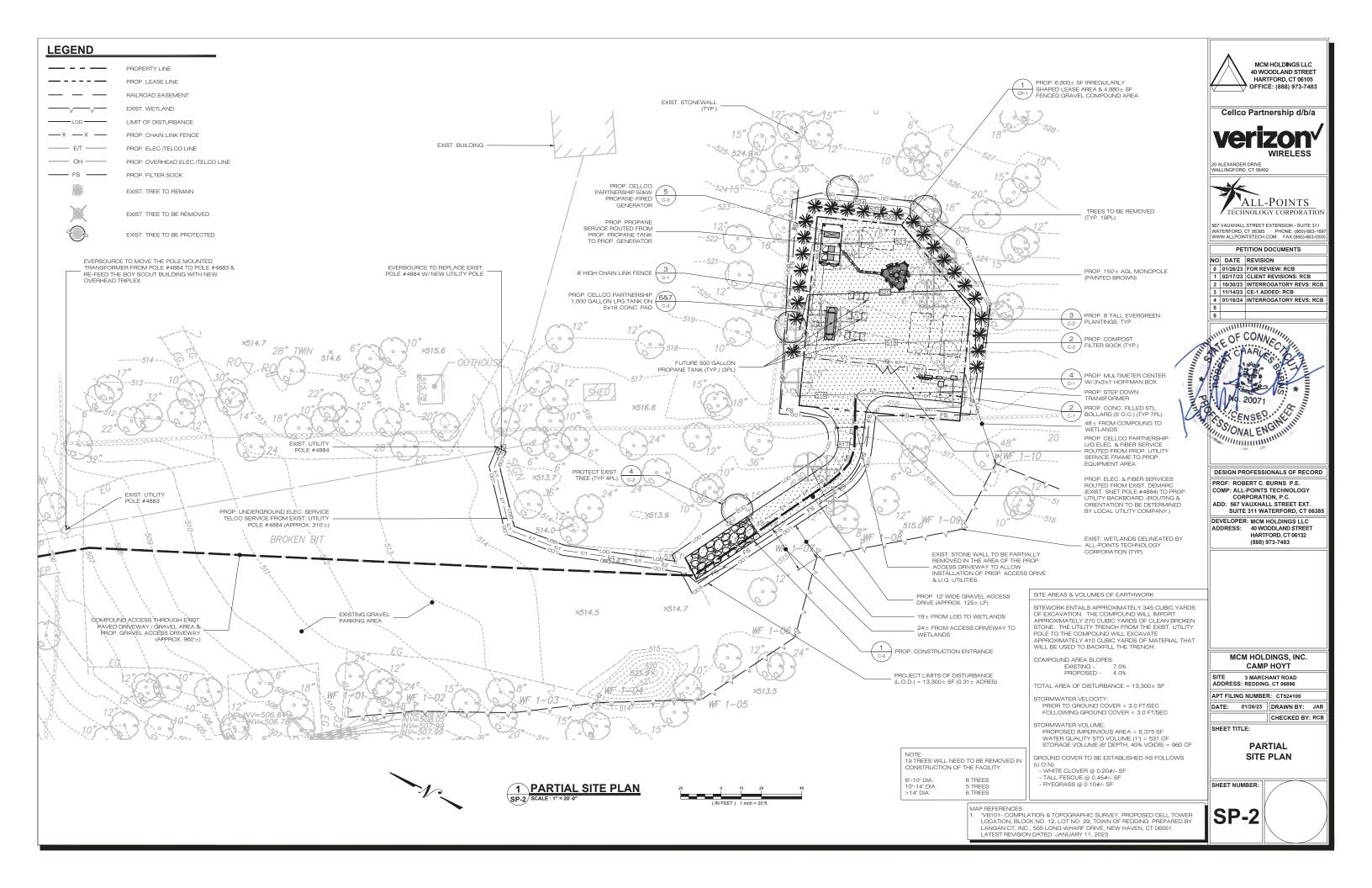
PROP. 150'± AGL MONOPOLE (PAINTED BROWN)

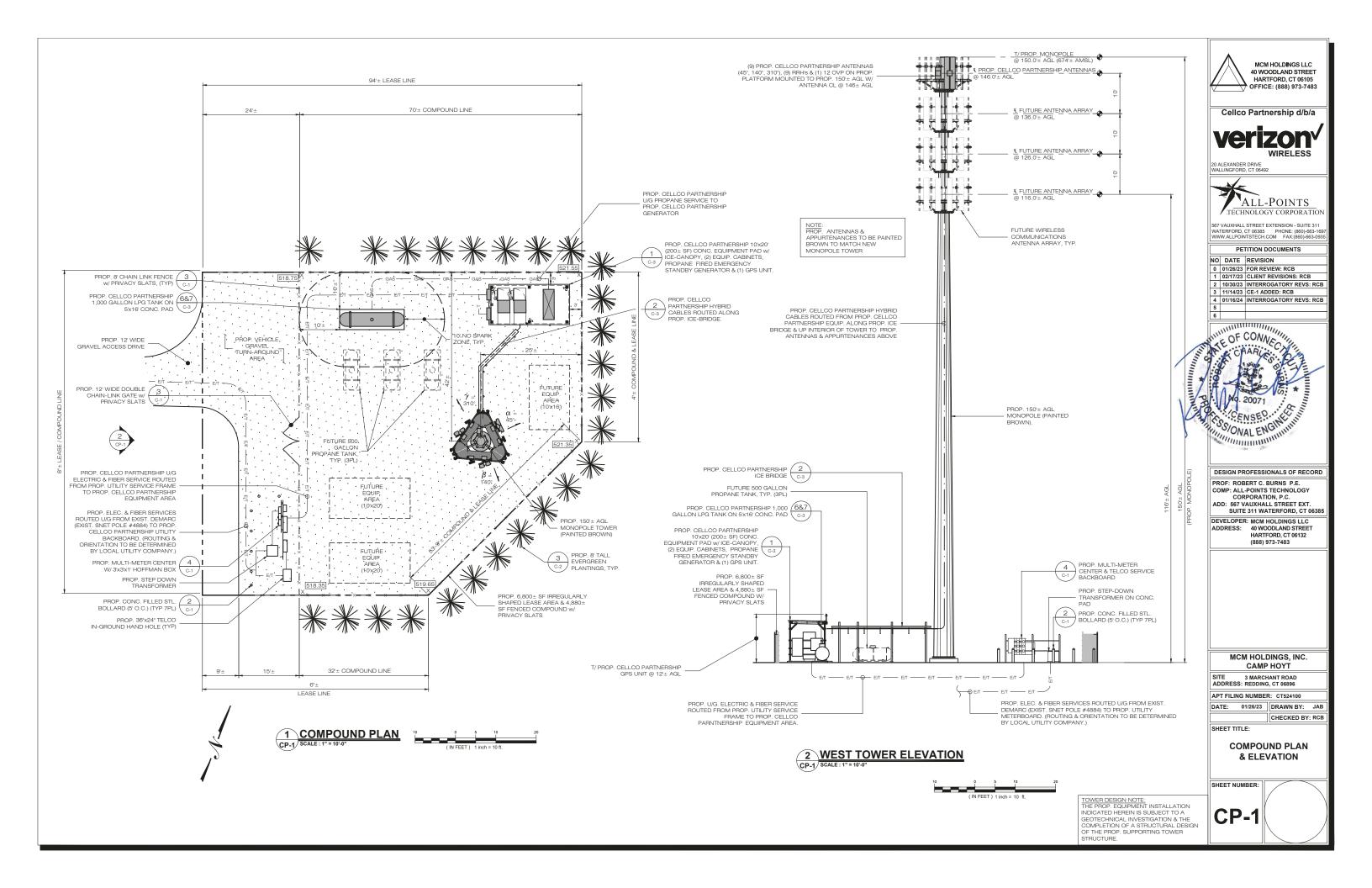
PROPERTY LINE (TYP.)

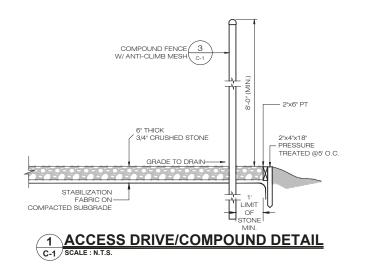
PROP. 6,800± SF IRREGULARLY SHAPED LEASE AREA & 4,880± SF FENCED GRAVEL COMPOUND AREA

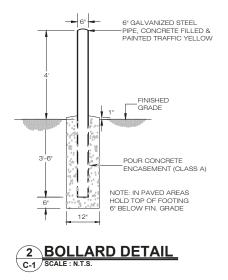


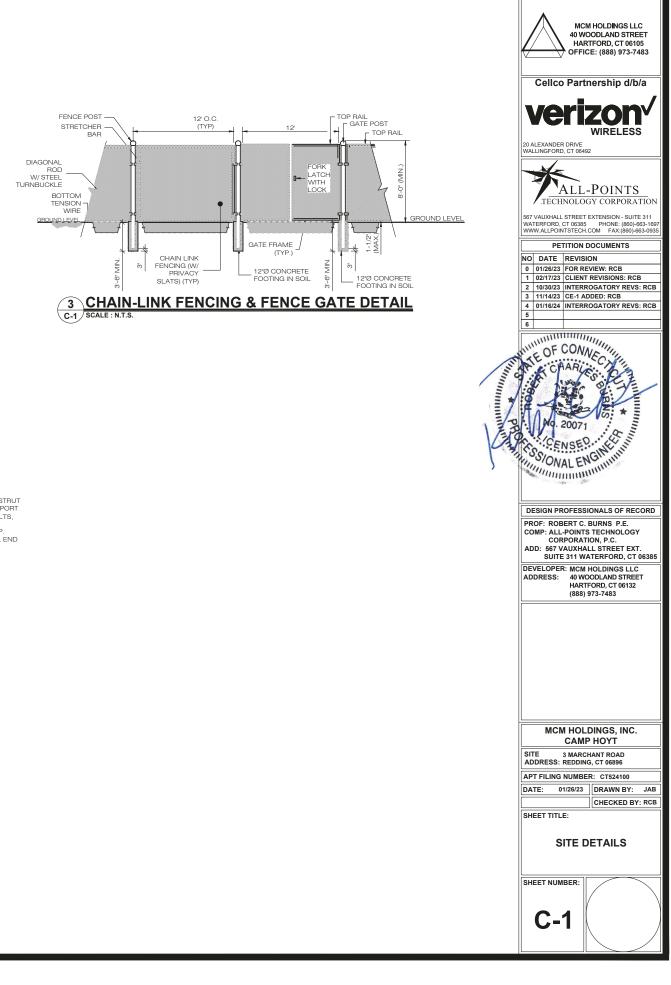
AP REFERENCES: VB101- COMPILATION & TOPOGRAPHIC SURVEY, PROPOSED CELL TOWER LOCATION, BLOCK NO. 12, LOT NO. 29, TOWN OF REDDING, PREPARED BY LANGAN OT, INC., 555 LONG WHARE DRIVE, NEW HAVEN, CT 06551. LATEST REVISION DATED: JANUARY 11, 2023.

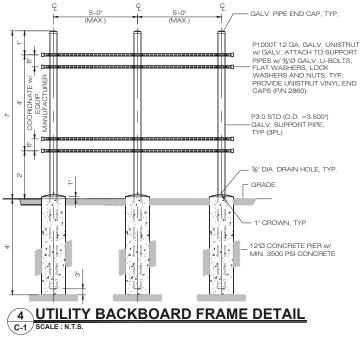


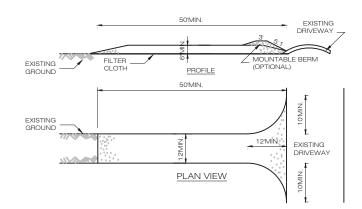








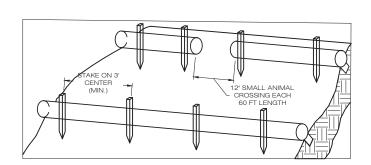




## CONSTRUCTION ENTRANCE SPECIFICATIONS: 1. STONE SIZE - USE 1-4 INCH STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.

- 2. LENGTH NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY).
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES.
- 4. 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.
- 5. GEOTEXTILE WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
- 6. SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED BENEATH 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 TRACKED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.





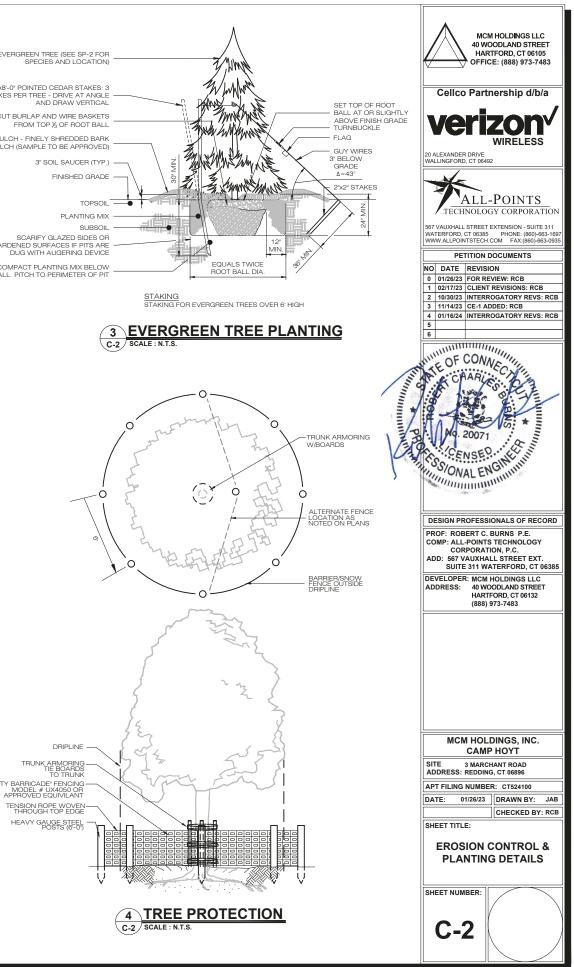
1. BEGIN AT THE LOCATION WHERE THE SOCK IS TO BE INSTALLED BY EXCAVATING A 2-3" (5-7.5 CM) DEEP X 9" (22.9 CM) WIDE TRENCH ALONG THE CONTOUR OF THE SLOPE. EXCAVATED SOIL SHOULD BE PLACED UP SLOPE FROM THE ANCHOR TRENCH

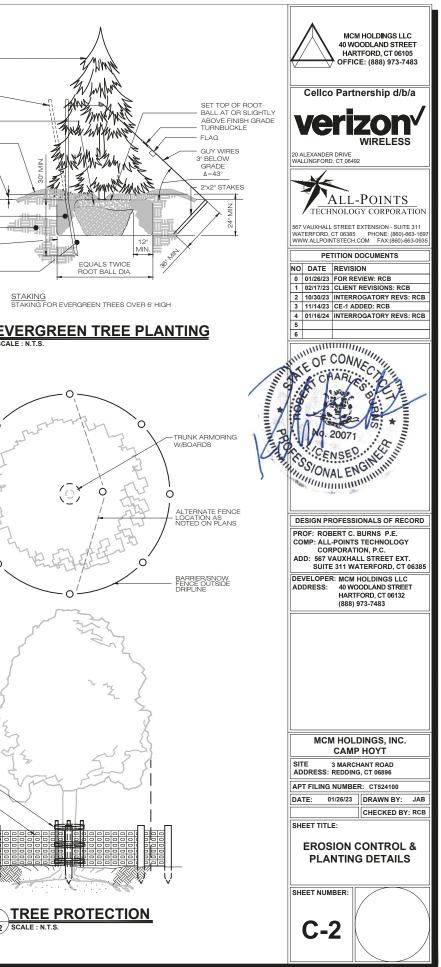
2. PLACE THE SOCK IN THE TRENCH SO THAT IT CONTOURS TO THE SOIL SURFACE. COMPACT SOIL FROM THE EXCAVATED TRENCH AGAINST THE SOCK ON THE UPHILL SIDE. SOCKS SHALL BE INSTALLED IN 60 FT CONTINUOUS LENGTHS WITH ADJACENT SOCKS TIGHTLY ABUT. EVERY 60 FT THE SOCK ROW SHALL BE SPACED 12 INCHES CLEAR END TO END FOR AMPHIBIAN AND REPTILE TRAVEL. THE OPEN SPACES SHALL BE

STAGGERED MID LENGTH OF THE NEXT DOWN GRADIENT SOCK. 3. SECURE THE SOCK WITH 18-24" (45.7-61 CM) STAKES EVERY 3-4' (0.9 -1.2 M) AND WITH A STAKE ON EACH END. STAKES SHOULD BE DRIVEN THROUGH THE MIDDLE OF THE SOCK LEAVING AT LEAST 2-3" (5-7.5 CM) OF

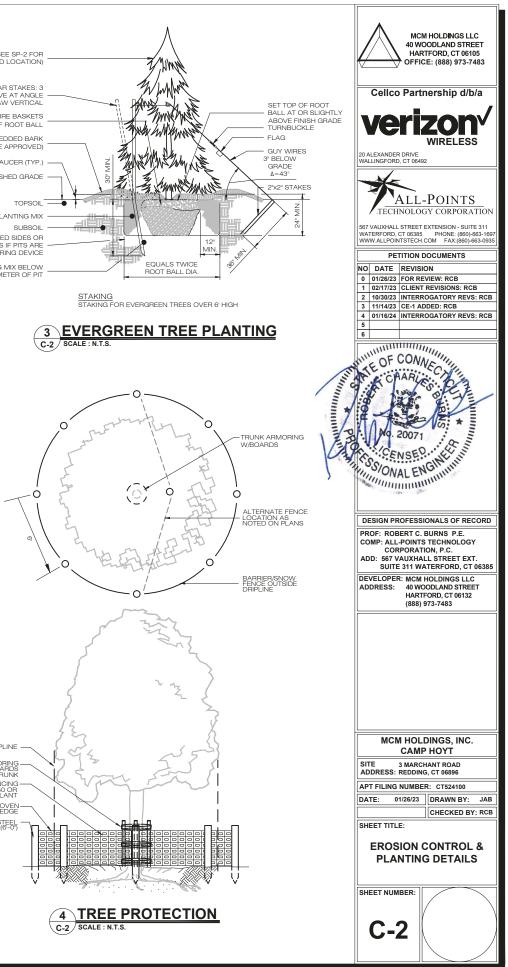
STAKE EXTENDING ABOVE THE SOCK. STAKES SHOULD BE DRIVEN PERPENDICULAR TO THE SLOPE FACE.

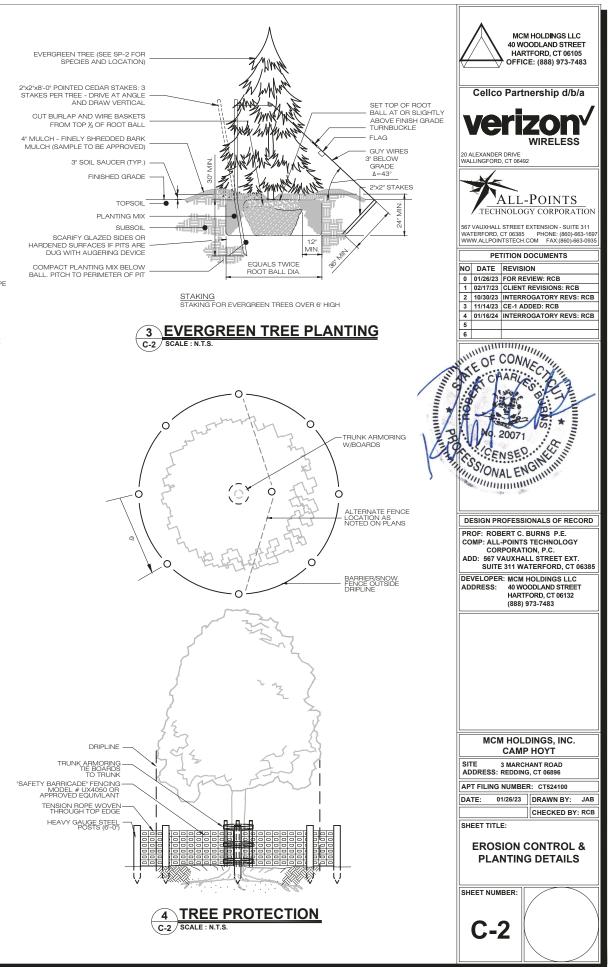


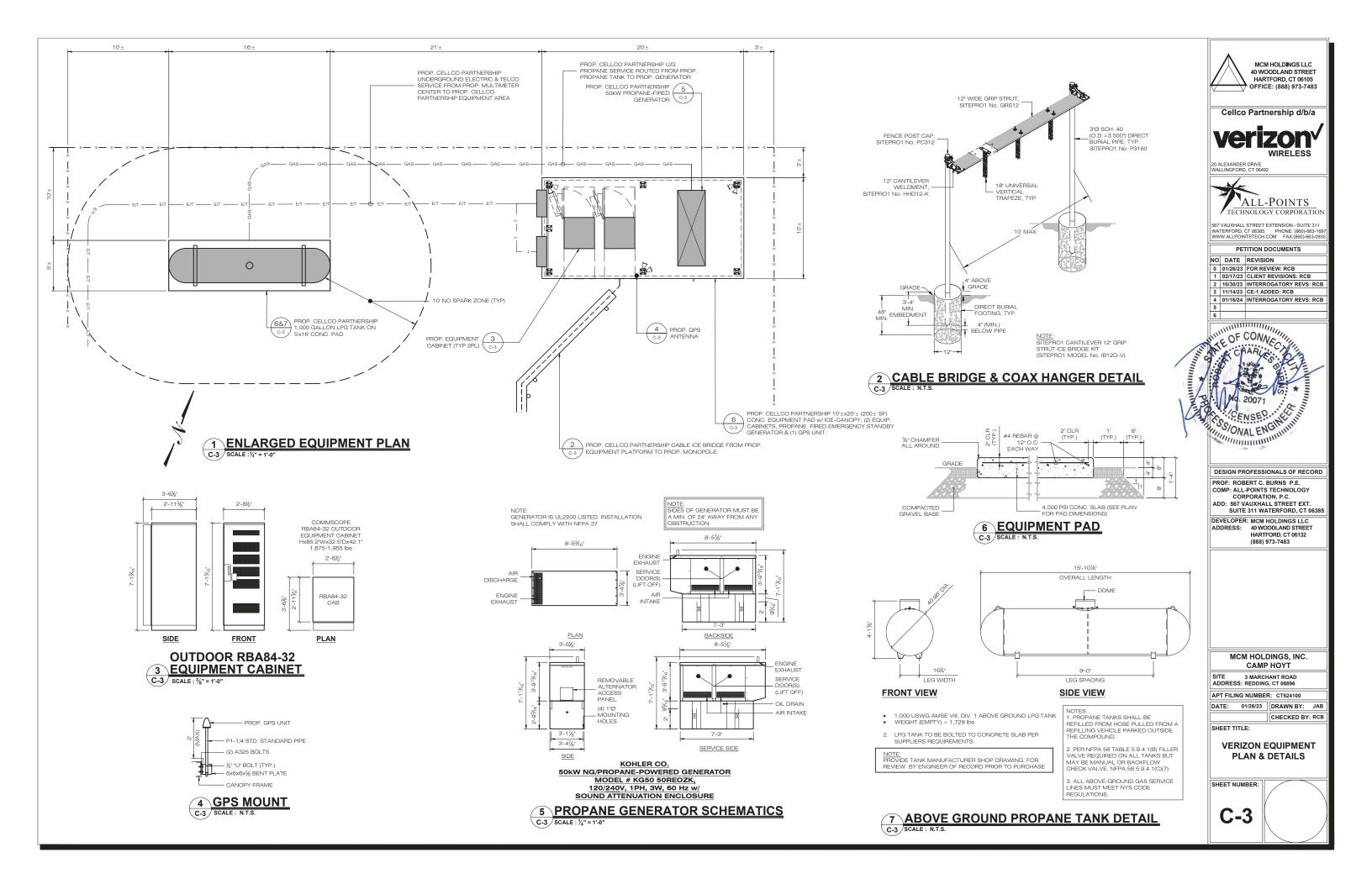












ENVIRONMENTAL NOTES - RESOURCES PROTECTION MEASURES

WETLAND, VERNAL POOL, BOG TURTLE, AND PUBLIC WATER SUPPLY WATERSHED PROTECTION PROGRAM

AS A RESULT OF THE PROJECTS LOCATION IN THE VICINITY OF SENSITIVE WETLAND RESOURCES, A VERNAL POOL, POTENTIAL RARE SPECIES HABITAT, AND WITHIN A PUBLIC WATER AS A RESOLT OF THE PROJECTION PROTECTION PROGRAM SHALL BE IMPLEMENTED BY THE CONTRACTOR TO A VOID UNINTENTIONAL IMPACTS TO THESE SENSITIVE AQUATIC AND WILDLIFE RESOURCES INCLUDING PROXIMATE WETLAND RESOURCES OR MORTALITY TO VERNAL POOL HERPETOFAUNA (I.E., WOOD FROG, SALAMANDERS, TURTLES, ETC.) DURING CONSTRUCTION ACTIVITIES. THE VERNAL POOL SPECIFIC PROTECTION MEASURES SHALL BE IMPLEMENTED SHOLLD CONSTRUCTION ACTIVITIES OCCUR DURING PROTECTION RESOURCES OR MORTALITY TO VERNAL POOL HERPETOFAUNA (I.E., WOOD FROG, SALAMANDERS, TURTLES, ETC.) DURING CONSTRUCTION ACTIVITIES. THE VERNAL POOL SPECIFIC PROTECTION MEASURES SHALL BE IMPLEMENTED SHOLLD CONSTRUCTION ACTIVITIES OCCUR DURING PROTECTION RESOURCES ASSOCIATED WITH MOVEMENT PERIODS (EARLY SPRING BREEDING (MARCH 1ST TO MAY 15TH) AND LATE SUMMER DISPERSAL (JULY 15TH TO SEPTEMBER 15TH)). PROTECTION MEASURES ASSOCIATED WITH WETLANDS SHALL BE IMPLEMENTED REGARDLESS OF THE TIME OF YEAR.

BOG TURTLE (CLEMMYS MUHLENBERGIII). A FEDERAL THREATENED AND STATE ENDANGERED SPECIES AFFORDED PROTECTION UNDER THE FEDERAL ENDANGERED SPECIES ACT AND CONNECTICUT ENDANGERED SPECIES ACT, POTENTIALLY OCCURS IN THE VICINITY OF THE PROJECT. THE FOLLOWING PROTECTIVE MEASURES SATISFY REQUIREMENTS FROM THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION ("CTDEEP") WILDLIFE DIVISION AND UNITED STATES FISH AND WILDLIFE SERVICE ("USFWS"). FOLLOWING PROTOCOLS DEVELOPED FROM PREVIOUS RARE SPECIES CONSULTATIONS AND STATE-APPROVED PROTECTION PLANS

THE PUBLIC WATER SUPPLY WATERSHED PROTECTION MEASURES INCLUDED HEREIN SATISFY TYPICAL RECOMMENDATIONS BY THE DRINKING WATER SECTION OF THE CONNECTICUT DEPARTMENT OF PUBLIC HEALTH. THIS PROJECT IS LOCATED WITHIN THE PUBLIC WATER SUPPLY WATERSHED OF THE SAUGATUCK RESERVOIR, AN ACTIVE SOURCE OF DRINKING WATER FOR AQUARION WATER COMPANY (PWSID CT0150011), WITH SAUGATUCK RESERVOIR LOCATED ±3.5 MILES SOUTHEAST AND DOWNGRADIENT FROM THE PROPOSED FACILITY.

IT IS OF THE LITMOST IMPORTANCE THAT THE CONTRACTOR COMPLIES WITH THE REQUIREMENT FOR THE INSTALLATION OF PROTECTIVE MEASURES AND THE EDUCATION OF ITS EXPLOYES AND SUBCONTRACTORS PERFORMING WORK ON THE PROJECT SITE. THE PROTECTION MEASURES SHALL BE IMPLEMENTED AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION ACTIVITIES, WITH INCREASED DILIGENCE DURING THE BOG TURTLES ACTIVE PERIOD (APRIL 1 TO NOVEMBER 15), UNTIL CONSTRUCTION IS COMPLETE AND PERMANENT STABILIZATION OF SITE SOILS HAS OCCURRED

ALL?POINTS TECHNOLOGY CORPORATION, P.C. ("APT") WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENSURE THAT THESE PROTECTION MEASURES ARE ALLEPOINTS UPON OUT OF ADDINGLOOD TO THE START OF CONSTRUCTION SESSION ON THE PROJECTS PROXIMITY TO SENSITIVE RESOURCES AND THE STRES LOCATION WILL POWIDE AND SUPPLY WATERSHED PRIOR TO THE START OF CONSTRUCTION ACTIVITIES AND TYPICAL AMPHIBIANS AND REPTILES ASSOCIATED WITH THESE HABITATS THAT MAY BE ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTRACT DEAN GUSTAFSON, SENIOR BIOLOGIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE PRE?CONSTRUCTION MEETING. MR. GUSTAFSON CAN BE REACHED BY PHONE AT (860) 552-2033 OR VIA EMAIL AT DRUSTAFSON@ALLPOINTSTECH.COM.

THE AQUARION WATER COMPANY WILL BE CONTACTED AT LEAST 3 BUSINESS DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING WITH AN INVITATION TO ATTEND THE PRE-CONSTRUCTION MEETING. THE AQUARION WATER COMPANY PERSONNEL SHALL ALSO BE ALLOWED TO PERIODICALLY INSPECT THIS PROJECT DURING CONSTRUCTION TO ENSURE THAT DRINKING WATE QUALITY IS NOT ADVERSELY IMPACTED.

THIS RESOURCES PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS INCLUDING: EDUCATION OF ALL CONTRACTORS AND SUB?CONTRACTORS PRIOR TO INITIATION OF WORK ON THE SITE; INSTALLATION OF EROSION CONTROLS; PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION; PROTECTIVE MEASURES; RARE SPECIES PROTECTION MEASURES; HERBICIDE PESTICIDE AND SALT BESTRICTIONS AND REPORTING

- CONTRACTOR EDUCATION:
- a. PRIOR TO WORK ON SITE, THE CONTRACTOR SHALL ATTEND AN EDUCATIONAL SESSION AT THE PRE-CONSTRUCTION MEETING WITH APT. THIS ORIENTATION AND EDUCATIONAL SESSION WILL CONSIST OF AN INTRODUCTORY MEETING WITH APT TO EMPHASIZE THE ENVIRONMENTALLY SENSITIVE NATURE OF THE PROJECT, THE VARIOUS WETLAND, VERNAL POOL, AND RARE SPECIES RESOURCES, THE WATERSHED PROTECTION MEASURES, AND THE REQUIREMENT TO DILIGENTLY FOLLOW THE PROTECTIVE MEASURES AS DESCHIED IN SECTIONS BELOW. WORKERS WILL ALSO BE PROVIDED INFORMATION REGARDING THE IDENTIFICATION OF OTHER TURTLES, SNAKES, AND COMMON HERPETORAUNA THAT COULD BE ENCOUNTERED. THE MEETING WILL PURTHER EMPHASIZE THE NON?AGGRESSIVE NATURE OF THESE SPECIES, THE ABSENCE OF NEED TO DESTROY SUCH ANIMALS AND THE NEED TO FOLLOW PROTECTIVE MEASURES AS DESCRIBED IN FOLLOWING SECTIONS.
- b. THE CONTRACTOR WILL BE PROVIDED WITH PHONE (24 HOUR CONTACT) AND EMAIL FOR AQUARION WATER COMPANY PERSONNEL TO IMMEDIATELY REPORT ANY RELEASES OF SEDIMENT, FUEL OR HAZARDOUS MATERIALS.
- c. THE EDUCATION SESSION WILL ALSO FOCUS ON MEANS TO DISCRIMINATE BETWEEN THE SPECIES OF CONCERN AND OTHER NATIVE SPECIES TO AVOID UNNECESSARY "FALSE . ENCOUNTERS WITH ANY SPECIES OF TURTLES, SNAKES AND AMPHIBIANS WILL BE DOCUMENTED
- d. THE CONTRACTOR WILL BE PROVIDED WITH CELL PHONE AND EMAIL CONTACTS FOR APT PERSONNEL TO IMMEDIATELY REPORT ANY RELEASES OR IMPACTS TO NEARBY WETLAND RESOURCE AREAS, EDUCATIONAL POSTER MATERIALS OF THE ENVIRONMENTALLY SENSITIVE NATURE OF THE WORK AREA WILL BE PROVIDED BY APT AND DISPLAYED ON THE JOB SITE TO MAINTAIN WORKER AWARENESS AS THE PROJECT PROGRESSES.

e. IF ANY RARE SPECIES ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY CEASE ALL WORK, AVOID ANY DISTURBANCE TO THE SPECIES, AND CONTACT APT.

- EROSION AND SEDIMENTATION CONTROLS/ISOLATION BARRIERS
- a. PLASTIC NETTING USED IN A VARIETY OF EROSION CONTROL PRODUCTS (I.E., EROSION CONTROL BLANKETS, FIBER ROLLS [WATTLES], REINFORCED SILT FENCE) HAS BEEN FOUND TO ENTANGLE WILDLIFE, INCLUDING REPTILES, AMPHIBIANS, BIRDS, AND SMALL MAMMALS, BUT PARTICULARLY SNAKES. NO PERMANENT EROSION CONTROL PRODUCTS OR REINFORCED SILT FENCE WILL BE USED ON THE PROJECT. TEMPORARY EROSION CONTROL PRODUCTS WILL USE EITHER EROSION CONTROL BLANKETS AND FIBER ROLLS. COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOGETHER TO FORM A CONTINUOUS MATRIX (NETLESS) OR NETTING COMPOSED OF PLANAR WOVEN NATURA BIODEGRADABLE FIBER TO AVOID/MINIMIZE WILDLIFE ENTANGLEMEN
- b. INSTALLATION OF SEDIMENTATION AND EROSION CONTROLS, REQUIRED FOR EROSION CONTROL COMPLIANCE AND CREATION OF A BARRIER TO POSSIBLE MIGRATING/DISPERSING IN INSTALLATION OF SEDIMENTATION AND ENDSIDIN CONTROLS, HEQUINED FOR ENDSION CONTROL CAMPLANCE AND OFFENTION OF A BARHNEH TO POSSIBLE MIGHATINGQUISPENTING TURTLES, SHALL BE PERFORMED BY THE CONTRACTOR FOLLOWING CLEARING ACTIVITIES AND PRIOD TO ANY EARTHWORK. THE ENVIRONMENTAL MONITOR WILL INSPECT THE WORK ZONE AREA PRIOR TO AND FOLLOWING EROSION CONTROL BARRIER INSTALLATION TO ENSURE THE AREA IS FREE OF BOG TURTLES (ALONG WITH OTHER AMPHIBIANS AND REPTILES THAT MAY BE ENCOUNTERED) AND DOCUMENT BARRIERS HAVE BEEN SATISFACTORILY INSTALLED. THE INTENT OF THE BARRIERS INSTALMED TO PT HE WORK ZONE AND ISOLATE IT FROM NESTING/FORAGING/MIGRATING/DISPERSING TURTLES, SNAKES AND OTHER HERPETOFAUNA. OFTENTIMES COMPLETE ISOLATION OF WORK ZONE IS NOT FEASIBLE DUE TO ACCESSIBILITY NEEDS AND LOCATIONS OF STAGINGMARE THEIA. STORAGE AREAS, ETC. IN THOSE CIRCUMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING/DISPERSING SOFT AND THE WORK ZONE TO MINIMIZE POTENTIAL ENCOUNTERS WITH TURTLES/WILDLIFE AT THE DISCRETION OF THE ENVIRONMENTAL MONITOR ENVIRONMENTAL MONITOR.
- C EXCLUSIONARY FENCING SHALL BE AT LEAST 20 INCHES TALL AND MUST BE SECURED TO AND REMAIN IN CONTACT WITH THE GROUND AND BE BEGUL ARLY MAINTAINED BY THE NTRACTOR (AT LEAST BI-WEEKLY AND AFTER MAJOR WEATHER EVENTS) TO SECURE ANY GAPS OR OPENINGS AT GROUND LEVEL THAT MAY LET ANIMAL PASS THROUG
- d. THE CONTRACTOR IS RESPONSIBLE FOR DAILY INSPECTIONS OF THE SEDIMENTATION AND EROSION CONTROLS FOR TEARS OR BREECHES AND ACCUMULATION LEVELS OF SEDIMENT, PARTICULARLY FOLLOWING STORM EVENTS THAT GENERATE A DISCHARGE, AS DEFINED BY AND IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THE CONTRACTOR SHALL NOTIFY THE APT ENVIRONMENTAL MONITOR WITHIN 24 HOURS OF ANY BREECHES OF THE SEDIMENTATION AND EROSION CONTROLS AND ANY SEDIMENT RELEASES BEYOND THE PERIMETER CONTROLS THAT IMPACT WETLANDS, WATERCOURSES OR WITHIN 100 FEET OF WETLANDS AND WATERCOURSES AND WATERCOURSES AND WATERCOURSES OR WITHIN 100 FEET OF WETLANDS AND WATERCOURSES OR WITHIN 100 FEET OF WETLANDS AND WATERCOURSES ONLY AS IT PERTAINS TO THEIR FUNCTION AS ISOLATION MEASURES FOR THE PROTECTION OF RARE SPECIES. SUCH INSPECTIONS WILL GENERALLY OCCUR ONCE PER MONTH. THE REQUEST OF THE PERMITTEE. IF THE COMPLIANCE MONITOR IS NOTIFIED BY THE CONTRACTOR OF A SEDIMENT RELEASE, AN INSPECTION WILL BE SCHEDULED SPECIFICALLY TO INVESTIGATE AND PARTY TO SENSITE AND AND THE CONDITIONS INCOMPRESE TORS OF A SEDIMENT RELEASE, AN INSPECTION WILL BE SCHEDULED SPECIFICALLY TO INVESTIGATE AND PARTY TO SENSITE AND AND ADD THE CONTRACTOR OF A SEDIMENT RELEASE, AN INSPECTION WILL BE SCHEDULED SPECIFICALLY TO INVESTIGATE AND AND LATE OF AND ADD AND THE OND TOR IS NOTIFIED BY THE CONSTRUCTION FOR SEDIMENT RELEASE, AN INSPECTION WILL BE SCHEDULED SPECIFICALLY TO INVESTIGATE AND PARTY TO SENSITE IN ADD AND/OR WATERCOURSE RESON INCOME. INVESTIGATE AND EVALUATE POSSIBLE IMPACTS TO WETLAND AND/OR WATERCOURSE RESOURCES.
- e. THIRD PARTY MONITORING OF SEDIMENTATION AND EROSION CONTROLS WILL BE PERFORMED BY OTHER PARTIES, AS NECESSARY, UNDER APPLICABLE LOCAL, STATE AND/OR EDERAL REGULATIONS AND PERMIT CONDITIONS
- f. THE EXTENT OF THE SEDIMENTATION AND EROSION CONTROLS WILL BE AS SHOWN ON THE SITE PLANS. THE CONTRACTOR SHALL HAVE ADDITIONAL SEDIMENTATION AND EROSION CONTROLS STOCKPILED ON SITE SHOULD FIELD OR CONSTRUCTION CONDITIONS WARRANT EXTENDING THE CONTROLS AS DIRECTED BY THE APT ENVIRONMENTAL MONITOR OR OTHER REGULATORY AGENCIES
- g. NO EQUIPMENT, VEHICLES OR CONSTRUCTION MATERIALS SHALL BE STORED OUTSIDE OF THE SEDIMENTATION AND EROSION CONTROLS WITHIN 100 FEET OF WETLANDS OR
- h. ALL SEDIMENTATION AND EROSION CONTROLS SHALL BE REMOVED WITHIN 30 DAYS OF COMPLETION OF WORK AND PERMANENT STABILIZATION OF SITE SOILS SO THAT REPTIL AND AMPHIBIAN MOVEMENT BETWEEN UPLANDS AND WETLANDS IS NOT RESTRICTED. IF FIBER ROLLS/WATTLES, STRAW BALES, OR OTHER NATURAL MATERIAL EROSION CONTROL PRODUCTS ARE USED. SUCH DEVICES WILL NOT BE LEET IN PLACE TO BIODEGRADE AND SHALL BE PROMPTLY REMOVED AFTER SOILS ARE STARLE SO AS NOT TO CREATE A RIER TO WILDLIFE MOVEMENT. SEED FROM SEEDING OF SOILS SHOULD NOT SPREAD OVER FIBER ROLLS/WATTLES AS IT MAKES THEM HARDER TO REMOVE ONCE SOILS ARE TABILIZED BY VEGETATION
- 3. PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION
  - a. CERTAIN PRECAUTIONS ARE NECESSARY TO STORE PETROLEUM MATERIALS. REFUEL AND CONTAIN AND PROPERLY CLEAN UP ANY INADVERTENT FUEL OR PETROLEUM (I.E., OL. HYDRAULIC FLUID, ETC.) SPILL DUE TO THE PROJECT'S LOCATION WITHIN A PUBLIC WATER SUPPLY WATERSHED AND IN PROXIMITY TO WETLAND RESOURCES AND POTENTIAL RARE
  - b. A SPILL CONTAINMENT KIT CONSISTING OF A SUFFICIENT SUPPLY OF ABSORBENT PADS AND ABSORBENT MATERIAL WILL BE MAINTAINED BY THE CONTRACTOR AT THE CONSTRUCTION SITE THROUGHOUT THE DURATION OF THE PROJECT. IN ADDITION, A WASTE DRUM WILL BE KEPT ON SITE TO CONTAIN ANY USED ABSORBENT PADS/MATERIAL FOR PROPER AND TIMELY DISPOSAL OFF SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL LAWS.
  - c. SERVICING OF MACHINERY SHALL NOT OCCUR WITHIN 100 FEET OF WETLANDS.

d. AT A MINIMUM. THE FOLLOWING PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING RESTRICTIONS AND SPILL RESPONSE PROCEDURES WILL BE ADHERED TO BY THE CONTRACTOR

I PETROLEUM AND HAZABDOUS MATERIALS STORAGE AND REFUELING

- EI NOLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING 1. REFUELING OF VEHICLES OR MACHINERY SHALL OCCUR A MINIMUM OF 100 FEET FROM WETLANDS. IF REFUELING WITHIN 100 FEET FROM WETLANDS IS REQUIRED, IT SHALL TAKE PLACE ON AN IMPERVIOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO CONTAIN FUELS. 2. ANY FUEL OR HAZARDOUS MATERIALS THAT MUST BE KEPT ON SITE SHALL BE STORED ON AN IMPERVIOUS SURFACE UTILIZING SECONDARY CONTAINMENT A MINIMUM OF 100 FEET FROM WETLANDS.
- ii INITIAL SPILL BESPONSE PROCEDURES
- STOP OPERATIONS AND SHUT OFF EQUIPMENT. REMOVE ANY SOURCES OF SPARK OR FLAME.

  - 3. CONTAIN THE SOURCE OF THE SPILL
  - . DETERMINE THE APPROXIMATE VOLUME OF THE SPILL
  - D. IDENTIFY THE LOCATION OF NATURAL FLOW PATHS TO PREVENT THE RELEASE OF THE SPILL TO SENSITIVE NEARBY WETLANDS AND WATERWAYS. 5 ENSURE THAT FELLOW WORKERS ARE NOTIFIED OF THE SPILL
- iii. SPILL CLEAN UP & CONTAINMENT
  1. OBTAIN SPILL RESPONSE MATERIALS FROM THE ON?SITE SPILL RESPONSE KIT. PLACE ABSORBENT MATERIALS DIRECTLY ON THE RELEASE AREA.
  2. LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT MATERIALS AROUND THE PERIMETER OF THE SPILL. 3. ISOLATE AND ELIMINATE THE SPILL SOURCE
  - 4. CONTACT THE AQUARION WATER COMPANY ALONG WITH APPROPRIATE LOCAL. STATE AND/OR FEDERAL AGENCIES, AS NECESSARY
- CONTACT A DISPOSAL COMPANY TO PROPERLY DISPOSE OF CONTAMINATED MATERIALS. RESTOCK THE ON-SITE SPILL RESPONSE KIT WITH NEW SPILL RESPONSE MATERIALS.

iv. REPORTING

- 1. COMPLETE AN INCIDENT REPORT 2. SUBMIT A COMPLETED INCIDENT REPORT TO LOCAL, STATE AND FEDERAL AGENCIES, AS NECESSARY, INCLUDING THE AQUARION WATER COMPANY AND THE CONNECTICUT SITING COUNCIL.
- WETLAND AND VERNAL POOL PROTECTIVE MEASURES
  - a. A THOROUGH COVER SEARCH OF THE CONSTRUCTION AREA WILL BE PERFORMED BY APT'S ENVIRONMENTAL MONITOR FOR HERPETOFAUNA PRIOR TO AND FOLLOWING INSTALLATION OF THE SILT FENCING BARRIER TO REMOVE ANY SPECIES FROM THE WORK ZONE PRIOR TO THE INITIATION OF CONSTRUCTION ACTIVITIES. ANY HERPETOFAUNA DISCOVERED WOULD BE TRANSLOCATED OUTSIDE THE WORK ZONE IN THE GENERAL DIRECTION THE ANIMAL WAS ORIENTED. PERIODIC TIONS WILL BE PERFORMED BY APTS ENVIRONMENTAL MONITOR THROUGHOUT THE DURATION OF THE CONSTRUCTION, GENERALLY ON A MONTHLY BASIS.
  - b. ANY RUTS OR ARTIFICIAL DEPRESSIONS THAT COULD HOLD WATER CREATED INTENTIONALLY OR UNINTENTIONALLY BY SITE CLEARING/CONSTRUCTION ACTIVITIES WILL BE PROPERLY FILLED IN AND PERMANENTLY STABILIZED WITH VEGETATION TO AVOID THE CREATION OF VERNAL POOL "DECOY POOLS" THAT COULD INTERCEPT AMPHIBIANS MOVING TOWARD THE VERNAL POOLS. STORMWATER MANAGEMENT FEATURES SUCH AS LEVEL SPREADERS WILL BE CAREFULLY REVIEWED IN THE FIELD TO ENSURE THAT STANDING WATER DOES NOT ENDURE FOR MORE THAN 4 247HOUR PERIOD, WHERE FEASIBLE AT THE DISORTION OF THE ENVIRONMENTAL MONTOR, TO AVOID CREATION OF DEOS NOT ENDURE FOR MORE THAN 4247HOUR PERIOD, WHERE FEASIBLE AT THE DISORTION OF THE ENVIRONMENTAL MONTOR, TO AVOID CREATION OF DEOS NOT ENDURE STORMWATER MANAGEMENT FUNCTIONS ARE MAINTAINED.
  - C. EROSION CONTROL MEASURES WILL BE REMOVED NO LATER THAN 30 DAYS FOLLOWING FINAL SITE STABILIZATION SO AS NOT TO IMPEDE MIGRATION OF HERPETOFAUNA OR OTHER WILDLIFE.
  - a. THE USE OF HERBICIDES AND PESTICIDES AT THE FACILITY SHALL BE MINIMIZED. IF HERBICIDES AND/OR PESTICIDES ARE REQUIRED AT THE FACILITY, THEIR USE WILL BE USED IN ACCORDANCE WITH CURRENT INTEGRATED PEST MANAGEMENT ("PMP) PRINCIPLES WITH PARTICULAR ATTENTION TO AVOID/MINIMIZE OVERSPRAY SINCE THE FACILITY IS LOCATED WITHIN 100 FET OF WEITLAND RESOURCES. NO APPLICATIONS OF HERBICIDES OR PESTICIDES ARE ALLOWED WITHIN ACTUAL WEITLAND OR WATERCOURSE RESOURCES
- b. MAINTENANCE OF THE FACILITY DURING THE WINTER MONTHS SHALL MINIMIZE THE APPLICATION OF CHLORIDE-BASED DEICERS SALT WITH USE OF MORE ENVIRONMENTALLY FRIENDLY ALTERNATIVES.
- 6 BOG TUBTLE PROTECTION MEASURES CONSTRUCTION PHASE
  - a PRIOR TO CONSTRUCTION AND FOLLOWING INSTALLATION OF ISOLATION BARRIERS. THE CONSTRUCTION AREA WILL BE SWEPT BY APT AND ANY TURTLES (OR OTHER VILDLIFE) OCCURRING WITHIN THE WORK AREA WILL BE RELOCATED TO SUITABLE HABITAT OUTSIDE OF THE ISOLATION BARRIE
  - b. PRIOR TO THE START OF CONSTRUCTION EACH DAY, THE CONTRACTOR SHALL SEARCH THE ENTIRE WORK AREA FOR TURTLES.
  - C. IF A BOG TURTLE IS FOUND, WORK SHOULD IMMEDIATELY CEASE, AND THE APT ENVIRONMENTAL MONITOR SHALL BE IMMEDIATELY CONTACTED. APT WILL PROVIDE THE CONTRACTOR WITH INSTRUCTIONS ON HOW TO PROCEED AND RESUME WORK ACTIVITIES. BOG TURTLES ARE PROTECTED BY LAW AND NO TURTLES SHOULD BE BELOCATED FROM THE PROPERTY
  - d. SPECIAL CARE SHALL BE TAKEN BY THE CONTRACTOR DURING EARLY MORNING AND EVENING HOURS SO THAT POSSIBLE BASKING OR FORAGING TURTLES ARE NOT HARMED BY CONSTRUCTION ACTIVITIES.
  - e. THE CONTRACTOR SHALL BE PARTICULARLY DILIGENT DURING THE MONTHS OF MAY AND JUNE WHEN TURTLES ARE ACTIVELY SELECTING NESTING SITES WHICH RESULTS IN AN INCREASE IN TURTLE MOVEMENT ACTIVITY
  - f. NO HEAVY MACHINERY OR VEHICLES MAY BE PARKED IN ANY TURTLE HABITAT
  - g. EQUIPMENT USE WITHIN 100 FEET OF WETLANDS OUTSIDE OF THE ISOLATION BARRIERS IS STRICTLY PROHIBITED AND NO HEAVY MACHINERY OR VEHICLES MAY BE PARKED IN ANY TURTLE HABITAT OR WITHIN 100 FEET OF WETLANDS OUTSIDE OF THE ISOLATION BARRIERS.
  - h. SPECIAL PRECAUTIONS MUST BE TAKEN TO AVOID DEGRADATION OF WETLAND HABITATS.

- a. COMPLIANCE MONITORING REPORTS (BRIEF NARRATIVE AND APPLICABLE PHOTOS) DOCUMENTING EACH APT INSPECTION WILL BE SUBMITTED BY APT TO MCM HOLDINGS LLC AND ITS CONTRACTOR FOR COMPLIANCE VERIFICATION OF THESE PROTECTION MEASURES. THESE REPORTS ARE NOT TO BE USED TO DOCUMENT COMPLIANCE WITH ANY OTHER PERMIT AGENCY APPROVAL CONDITIONS (I.E., DEEP STORMWATER PERMIT MONITORING, E.T.). ANY NON-COMPLIANCE OBSERVATIONS OF EROSION CONTROL MEASURES OR EVIDENCE OF EROSION OR SEDIMENT RELEASE WILL BE IMMEDIATELY REPORTED TO MOM HOLDINGS LLC AND ITS CONTRACTOR AND INCLUDED IN THE REPORTS ALONG WITH ANY OBSERVATIONS OF WILDLIFE.
- b. FOLLOWING COMPLETION OF THE CONSTRUCTION PROJECT, APT WILL PROVIDE A FINAL COMPLIANCE MONITORING REPORT TO MCM HOLDINGS LLC DOCUMENTING IMPLEMENTATION OF THE RESOURCE PROTECTION PROGRAM AND MONITORING OBSERVATIONS. MCM HOLDINGS LLC IS RESPONSIBLE FOR PROVIDING A COPY OF THE FINAL COMPLIANCE MONITORING REPORT TO THE CONNECTICUT SITING COUNCIL FOR COMPLIANCE VERIFICATION.
- c. ANY OBSERVATIONS OF RARE SPECIES WILL BE REPORTED TO CTDEEP BY APT ON THE APPROPRIATE SPECIAL ANIMAL REPORTING FORM, WITH PHOTO?DOCUMENTATION (IF POSSIBLE) AND WITH SPECIFIC INFORMATION ON THE LOCATION AND DISPOSITION OF THE ANIMAL. IF A BOG TURTLE IS ENCOUNTERED, USFWS NEW ENGLAND FIELD OFFICE WILL ALSO BE NOTIFIED.

- - HERBICIDE, PESTICIDE, AND SALT RESTRICTIONS

