Robinson - Cole

KENNETH C. BALDWIN

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Also admitted in Massachusetts

April 28, 2016

Melanie A. Bachman Acting Executive Director Connecticut Siting Council 10 Franklin Square New Britain, CT 06051

Re:

Docket No. 455 Application of Cellco Partnership d/b/a Verizon Wireless For A Certificate of Environmental Compatibility and Public Need For The Construction Of Wireless Cellular Communications Facility At 99 East Street, Southington, Connecticut, Development And Management Plan Revisions

Dear Ms. Bachman:

Since the Siting Council's approval of the Docket No. 455 Development and Management ("D&M") Plan on August 6, 2015, Verizon has modified its facility equipment installation plan for the proposed East Street telecommunications facility in Southington. In lieu of a 12-foot x 26-foot shelter, Verizon will install equipment cabinets and a backup generator on a 12-foot x 26-foot steel equipment platform at the same location within the facility compound. The platform, equipment, cabinets and generator will be located beneath a steel canopy structure. These revisions are reflected in the attached D&M Plans, Rev 4, dated April 26, 2016.

Please feel free to contact me if you have any questions or need any information regarding this facility.

Sincerely,

Kenneth Baldwin

/kmt

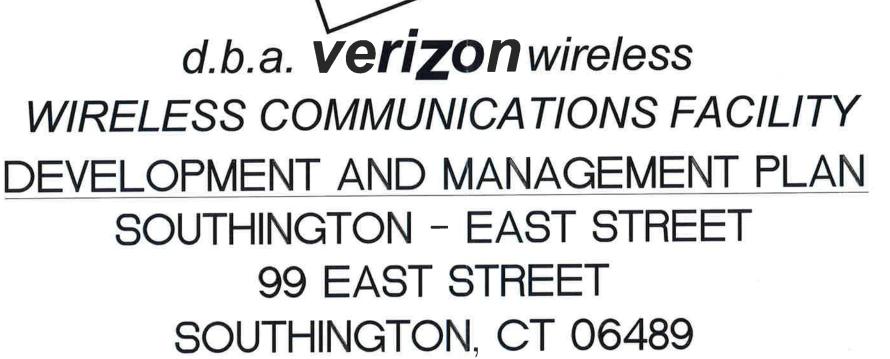
Enclosures

Copy to:

Mark Sciota, Deputy Town Manager and Town Attorney for the Town of Southington

14735180-v1

Cellco Partnership



SITE DIF	RECTIONS			
FROM:	99 EAST RIVER DRIVE EAST HARTFORD, CONNECTICUT	TO:	99 EAST STREET SOUTHINGTON, CONNECTICUT	
2. TURN LEF 3. TAKE THE 4. TURN LEF 5. MERGE OF 6. TAKE EXT 7. TURN RIG 8. TURN LEF	T ON E RIVER DR TOWARD DARLIN ST TO STAY ON E RIVER DR 1ST LEFT ONTO CONNECTICUT BLVC T TO MERGE ONTO 1-84 TTO 1-84 32 FOR CT-10/QUEEN ST HT ONTO CT-10 S/QUEEN ST T ONTO CT-120 S T ONTO EAST ST, AND THE DESTINA'		BE ON THE LEFT	0.3 MI. 400 FT. 0.2 MI. 443 FT. 16.6 MI. 2.6 MI. 1.2 MI. 0.2 MI.

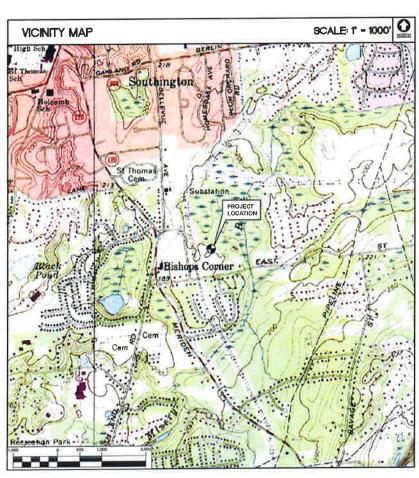
GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELLCO PARTNERSHIP

SITE INFORMATION

THE SCOPE OF WORK SHALL INCLUDE:

- 1. THE CONSTRUCTION OF A 50'x50' FENCED WIRELESS COMMUNICATIONS COMPOUND
- A TOTAL OF UP TO TWELVE (12) DIRECTIONAL PANEL ANTENNAS ARE PROPOSED TO BE MOUNTED AT A CENTERLINE ELEVATION OF 80'-0"± AGL ON A 90'-0"± PROPOSED STEEL MONOPINE TOWER
- . TOTAL PROPOSED ACCESS DRIVE LENGTH IS 800'± OFF OF EAST STREET TO THE PROPOSED
- POWER AND TELCO UTILITIES SHALL BE ROUTED UNDERGROUND FROM EXISTING RESPECTIVE DEMARCS TO THE PROPOSED UTILITY BACKBOARD LOCATED ADJACENT TO THE PROPOSED FENCED COMPOUND. FINAL DEMARC LOCATION AND UTILITY ROUTING TO PROPOSED BACKBOARD WILL BE VERIFED/DETERMINED BY LOCAL UTILITY COMPANIES. UTILITIES WILL BE ROUTED UNDERGROUND FROM UTILITY BACKBOARD TO THE PROPOSED 12'x26' OUTDOOR EQUIPMENT PLATFORM LOCATED WITHIN FENCED COMPOUND AREA.
- 5. THE PROPOSED WIRELESS FACILITY INSTALLATION WILL BE DESIGNED IN ACCORDANCE WITH THE
- 6. THERE WILL NOT BE ANY LIGHTING UNLESS REQUIRED BY THE FCC OR THE FAA.
- 7. THERE WILL NOT BE ANY SIGNS OR ADVERTISING ON THE ANTENNAS OR EQUIPMENT



PROJECT SUMMARY	
SITE NAME:	SOUTHINGTON - EAST STREET
SITE ADDRESS:	99 EAST STREET SOUTHINGTON, CT 06489
PROPERTY OWNER:	TOWN OF SOUTHINGTON 75 MAIN STREET SOUTHINGTON, CT 06489
LESSEE/TENANT:	CELLCO PARTNERSHIP d.b.a. VERIZON WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 0610B
VERIZON SITE ACQUISITION CONTACT:	ALEKSEY TYURIN CELLCO PARTNERSHIP (860) 803-8213
LEGAL/REGULATORY COUNSEL:	KENNETH C. BALDWIN, ESQ. ROBINSON & COLE (860) 257-8345
TOWER COORDINATES:	LATITUDE: 41"-35"-01.117" LONGITUDE: 72"-51"-52.868" GROUND ELEVATION: 198.2"± A.M.S.L.
	COORDINATES AND GROUND ELEVATION BASED ON FAA 1-A SURVEY CERTIFICATION AS PREPARED FOR VERIZO WIRELESS BY MARTINEZ COUCH AND ASSOCIATES, DATI AUGUST 12, 2014, REVISED OCTOBER 20, 2014.

SHT. NO.	DESCRIPTION	REV.
T-1	TITLE SHEET	A
C-1	PARTIAL SITE PLAN	3
C-1A	SITE UTILITY PLAN AND SITE DETAILS	A
C-2	COMPOUND PLAN, ELEVATION AND ANTENNA MOUNTING CONFIGURATION	
C-3	S&E CONTROL NOTES & DETAILS	3
C-4	SITE CONSTRUCTION, S&E CONTROL NOTES & DETAILS	3
C-5	DRAINAGE CONTROL DETAILS AND ENVIRONMENTAL NOTES	3
C-6	SITE DETAILS	3
C-7	EQUIPMENT PLATFORM AND CANOPY ROOF DETAILS	A

	PROFESSIONAL ENGNEERS SEAL	"Hilliam"	7 May 500M	Dardwarehin Market	Washington St.	4 DAY/26/16 JTD DMD REVISED DAMA PLANS - OUTDOOR EQUIPMENT IN LIEU OF EQUIP. SHELTER	3 06/06/15 HWR GPC REMISSION PARS - SILT FENCE EXTENSION FOR TURILE PROTECTION	11 CPC REVISED DAM PLANS - ACCESS DRIVE ADJUSTIMENT PER TOWN COMMENTS	1 05/29/15 HMR CFC DAM PLANS	0 GS/18/15 HARR CFC DAM PLANS - ISSUED FOR CLIENT REVIEW	REV. DATE DRAWN BY CHK'D BY DESCRIPTION
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(203) 488-6597 Fox Solvelli Beninded Road
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MRELES COMMUNICATIONS FACILITY GTON – EAST STREET 200 FAST STREET

Cellco Partnership d/b/a
wreless communicate
SOUTHINGTON - E

DATE: 05/18/15
SCALE: AS NOTED
JOB NO. 14035.000

TITLE SHEET

T-1



TREES PROPOSED TO BE REMOVED IN LOCATION ALONG PROPOSED CELLCO PARTNERSHIP ACCESS OR UTILITY EASEMENT

TREES PROPOSED TO BE REMOVED WITHIN AND AROUND THE PROPOSED CELLCO PARTNERSHIP LEASE AREA

TOTAL TREES PROPOSED TO BE REMOVED = 4

SYMBOLS LEGEND ----- PROPERTY LINE EASEMENT LINE (PROPOSED) EXISTING ROAD ACCESS DRIVE (PROPOSED) ----650---- CONTOUR LINE 650 GRADING LINE UTILITY POLE € EXISTING DECIDUOUS TREE EXISTING CONIFEROUS TREE EXISTING DICIDUOUS TREE TO BE REMOVED **(%)** EXISTING CONIFEROUS TREE TO BE REMOVED SILTATION FENCE/ STRAW BALES/ SILTATION FENCE "SANDWICH" FENCE LINE SPOT ELEVATION (PROPOSED) WETLAND BOUNDARY

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. THE TOPOGRAPHIC SURVEY PORTION OF THIS PLAN CONFORMS TO A VERTICAL ACCURACY OF CLASS T-2 AND IS INTENDED TO BE USED TO DEPICT A PROPOSED TELECOMMUNICATION SITE.

THE PROPERTY/BOUNDARY LINES DEPICTED HEREON ARE COMPILED FROM OTHER MAPS, DEEDS AND LIMITED FIELD SURVEY. THESE LINES ARE NOT TO BE CONSTRUED AS A BOUNDARY OPINION AND ARE SUBJECT TO CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE. PROPERTY MAY BE SUBJECT TO ENCUMBRANCES, EASEMENTS, RIGHTS OF WAY AS A TITLE SEARCH REPORT MAY DISCLOSE.

COORDIANATES BASED ON CONNECTICUT GRID SYSTEM NAD 83.

ELEVATIONS REFER TO AN NGVD 1929 DATUM.

SILTATION FENCE

PARCEL OWNER OF RECORD: TOWN OF SOUTHINGTON

PARCELS KNOWN AS 99 EAST STREET, SOUTHINGTON, CT. MBL 06/6/053

PARCEL AREA = 27± ACRES

A PORTION OF THE PARCEL IS IN FLOOD ZONE AE BASED ON THE FLOOD INSURANCE RATE MAP, HARTFORD COUNTY, CONNECTICUT, ALL JURISDICTIONS, PARELS 603 OF 675, COMMUNITY MAP NUMBER 090090504581 & 0900CC0803F, EFFECTICE DATE SEPTEMBER 26, 2008, BY FEDERAL EMERGENCY MANAGEMENT AGENCY.

PARCEL IS SUBJECT TO UTILITY EASEMENT TO THE CONNECTICUT LIGHT & POWER COMPANY AS DEPICTED HEREON.

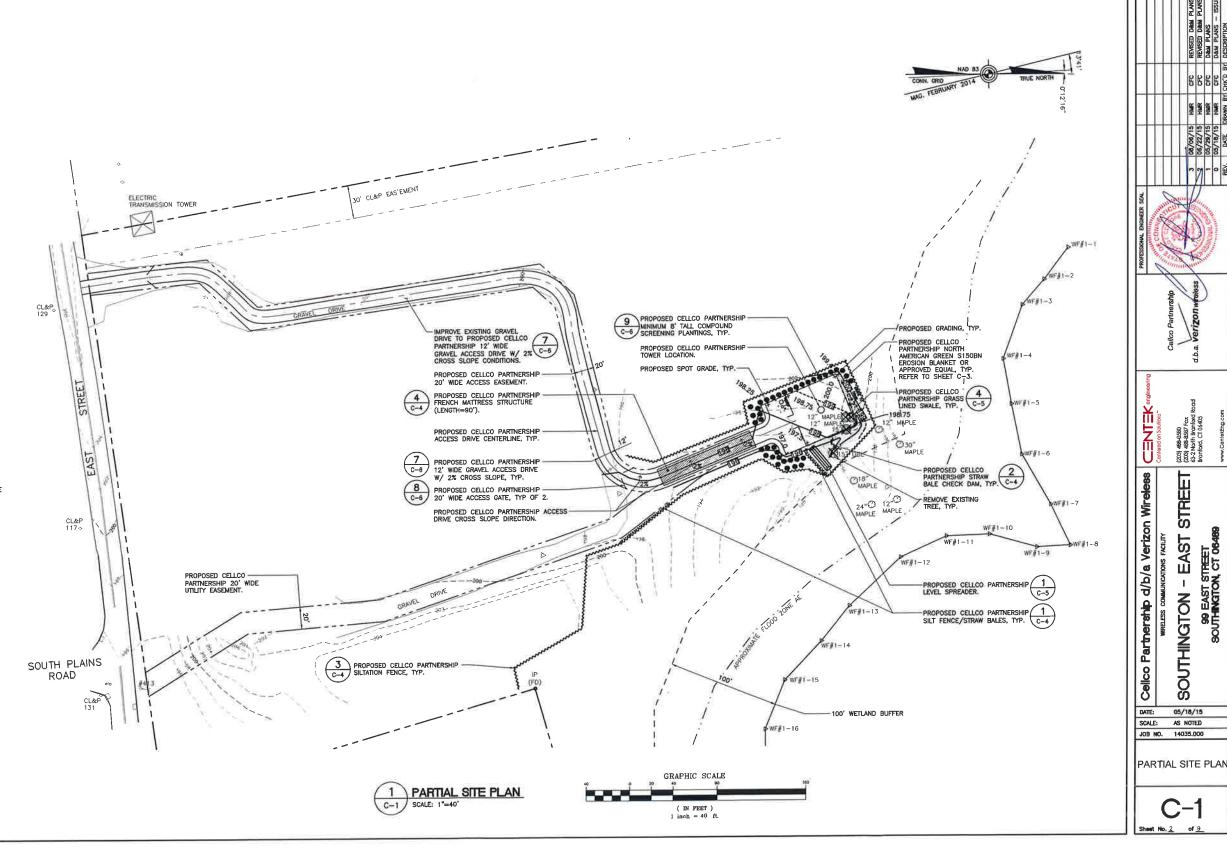
ALL IMPROVEMENTS ARE NOT SHOWN.

MAP_REFERENCE

1) MAP OF THE LEWIS FARM, BELLEVIEW AVENUE — MERIDEN AVENUE — EAST STREET, SOUTHINGTON, CONN., SCALE 1"=100", DATED OCTOBER 24, 1980, REVISED THROUGH JULY 22, 1992, BY RUSSELL S. ANDRES.

TO MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON

THIS MAP IS NOT VALID WITHOUT A LIVE SIGNATURE AND SEAL



- SILT FENCE EXTENSION FOR TURFILE PROTECTIVE - ACCESS DRIVE ADJUSTMENT PER TOWN COMME

DEM PLANS
DEM PLANS
ANS

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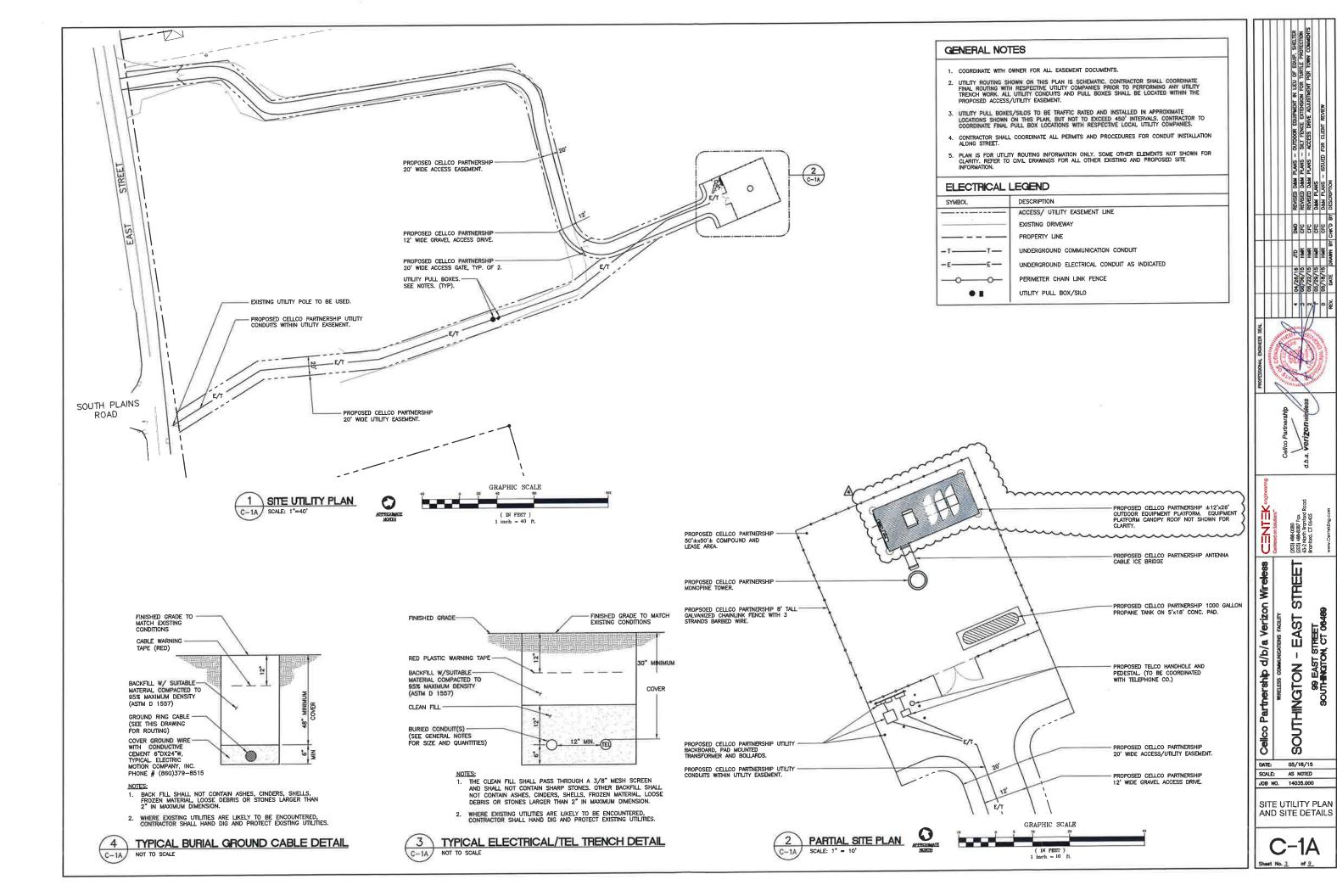
STREET

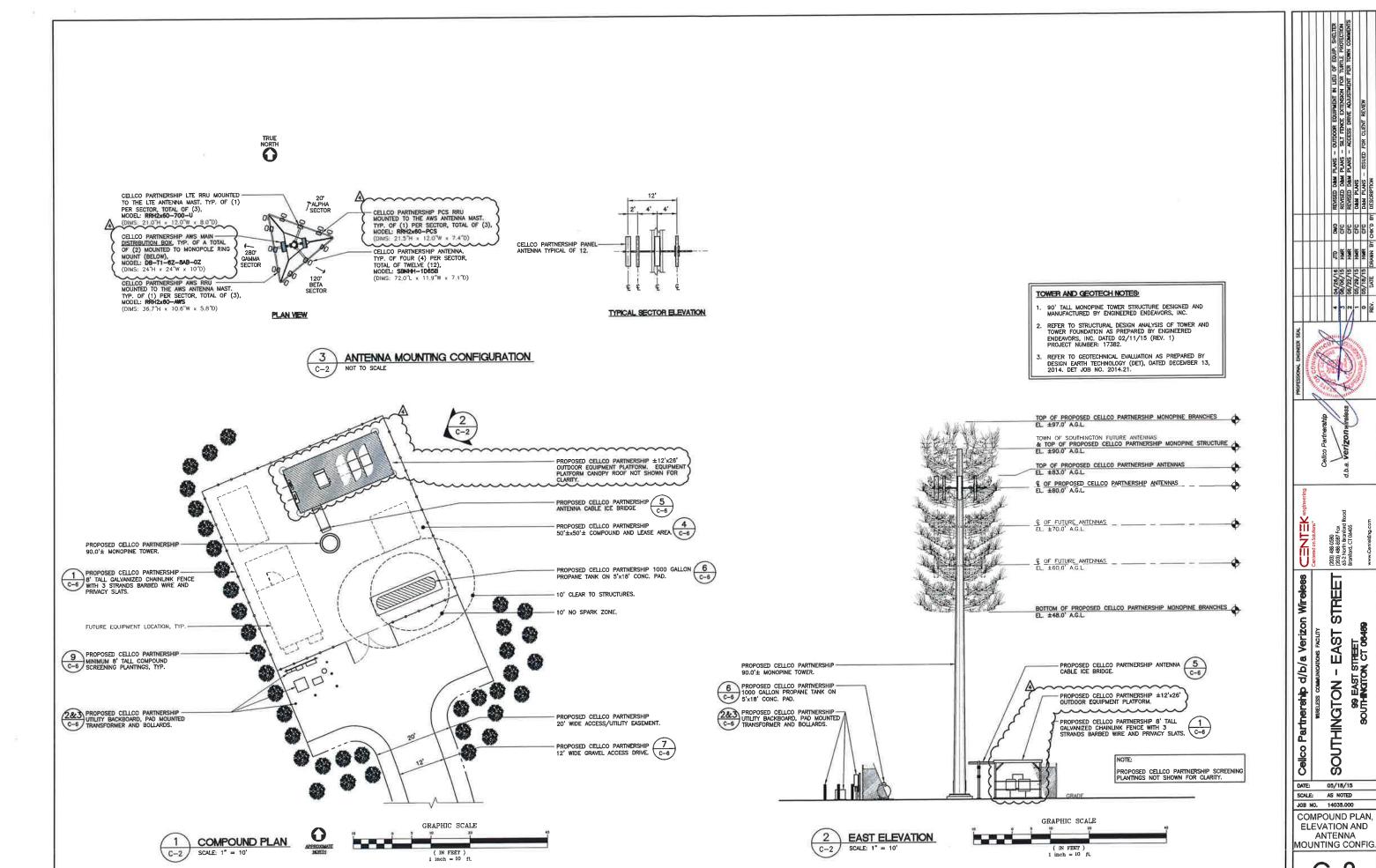
EAST

- 1

SOUTHINGTON

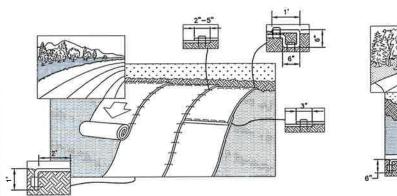
05/18/15

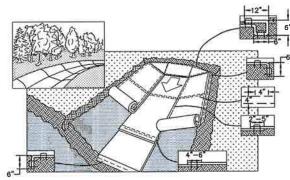




PLANS - PLANS - PLANS -

EROSION CONTROL BLANKET STABILIZATION









STABILIZATION CRITERIA

1. CONTRACTOR SHALL IMPLEMENT EROSION CONTROL BLANKET SLOPE STABILIZATION & SWALE CONSTRUCTION WHEN STABLE EARTH CUTS ARE PREVALENT (IN LOCATIONS WITHOUT LEDGE OR LARGE AMOUNTS OF SUBGRADE ROCK)

STABILIZATION PRODUCT SPECIFICATION

NORTH AMERICAN GREEN, PRODUCT NUMBER S150BN, 12 MONTH BIODEGARDABLE.

EROSION MAT ON SLOPES

- 1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
- 2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLE/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
- 3. ROLL THE BLANKET DOWN OR HORIZONTALLY ACROSS THE SLOPE. BLANKET WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL ROLLED EROSION CONTROL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM[TM], STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY A 2"-5" OVERLAP DEPENDING ON BLANKET TYPE.
- 5. CONSECUTIVE ROLLED EROSION CONTROL BLANKET SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH.
- * IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKET.
- 6. THE EDGE OF THE BLANKET IS TO EXTEND A MINIMUM 24 INCHES BEYOND THE TOE OF THE SLOPE AND ANCHORED BY PLACING THE STAPLES/STAKES IN A 12 INCH DEEP × 6 INCH WIDE ANCHOR TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12 INCH APART IN THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING (STONE OR SOIL MAY BE USED AS BACKFILL).
- 7. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN. MINIMUM 4 SPIKES PER ONE SQ. FT.

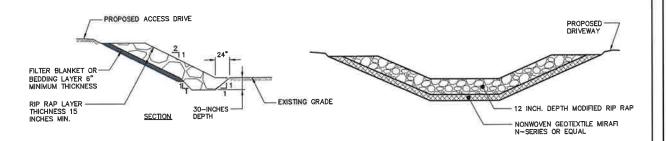
EROSION MAT IN CHANNEL

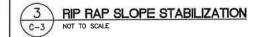
- 1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
- 2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP BY 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING, APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLE/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE
- 3. ROLL CENTER BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT SYSTEM[TM], STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE DOTS.
- 4. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
- 5. FULL LENGTH EDGE OF BLANKETS AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- 6. ADJACENT BLANKETS MUST BE OVERLAPPED APPROXIMATELY 2"- 5" AND STAPLED TO ENSURE PROPER SEAM ALIGNMENT. PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH[TM] ON THE BLANKET BEING OVERLAPPED.
- 7. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP BY 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
- 8. REFER TO MANUFACTURERS STAPLE GUIDE FOR CORRECT STAPLE PATTERN. MINIMUM 4 SPIKES PER ONE SQ. FT. THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO REESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERRILIZED, RESEEDED, AND REMULCHED AS DIRECTED.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN THE BLANKET UNTIL ALL WORK ON THE CONTRACT HAS BEEN COMPLETED AND ACCEPTED. MAINTENANCE SHALL CONSIST OF THE REPAIR OF AREAS WHERE DAMAGED BY ANY CAUSE. ALL DAMAGED AREAS SHALL BE REPAIRED TO RE-ESTABLISH THE CONDITIONS AND GRADE OF THE SOIL PRIOR TO APPLICATION OF THE COVERING AND SHALL BE REFERTILIZED, RESEEDED, AND REMULCHED AS DIRECTED.

RIP RAP STABILIZATION







STABILIZATION CRITERIA

1. CONTRACTOR SHALL IMPLEMENT RIP RAP SLOPE STABILIZATION & SWALE CONSTRICTION IN LOCATIONS WHERE LEDGE OR UNSTABLE SUBGRADES WITH LARGE AMOUNTS OF ROCK ARE PREVALENT OR AS SPECIFICALLY INDICATED ON THE PLANS.

RIP RAP ON SLOPES AND CHANNELS

- 1. PREPARE THE SUBGRADE FOR RIP RAP, BEDDING, FILTER OR GEOTEXTILE TO THE REQUIRED LINES AND GRADES. COMPACT ANY FILL REQUIRED IN THE SUBGRADE IN 12-INCHES LIFTS TO 95% OF STANDARD PROCTOR DENSITY. REMOVE BRUSH, TREES, STUMPS, AND OTHER OBJECTIONABLE MATERIAL.
- 2. IMMEDIATELY AFTER SLOPE OR CHANNEL PREPARATION, INSTALL THE FILTER OR BEDDING MATERIALS. IN
- 3. IMMEDIATELY AFTER PLACEMENT OF THE FILTER BLANKET, BEDDING, PLACE THE RIP RAP TO ITS FULL COURSE THICKNESS IN ONE OPERATION SO THAT IT PRODUCES A DENSE WELL GRADED MASS OF STONE WITH A MINIMUM OF VOIDS. THE DESIRED DISTRIBUTION OF STONES THROUGHOUT THE MASS MAY BE OBTAINED BY SELECTIVE LOADING AT THE QUARRY, CONTROLLED DUMPING OF SUCCESSIVE LOADS DURING THE FINAL PLACING, OR BY A COMBINATION OF THESE METHODS. DO NOT PLACE RIP RAP IN LAYERS OR USE CHUTES OR SIMILAR METHODS TO DUMP THE RIP RAP WHICH ARE LIKELY TO CAUSE SEGREGATION OF THE VARIOUS STONES.
- 4. TAKE CARE NOT TO DISLODGE THE UNDERLYING MATERIAL WHEN PLACING THE STONES. WHEN PLACING RIP RAP ON A FILTER FABRIC TAKE CARE NOT TO DAMAGE THE FABRIC. IF DAMAGE OCCURS, REMOVE AND REPLACE THE DAMAGED SHEET. FOR LARGE STONE, 12 INCHES OR GREATER, USE A 6 INCH LAYER OF FILTER OR BEDDING MATERIAL TO PREVENT DAMAGE TO THE MATERIAL FROM PUNCTURE.
- ENSURE THE FINISHED SLOPE OR CHANNEL IS FREE OF POCKETS OF SMALL STONES OR CLUSTERS OF LARGE STONES. HAND PLACING MAY BE NECESSARY TO ACHIEVE THE REQUIRED GRADES AND A GOOD DISTRIBUTION OF STONE SIZES. ENSURE THE FINAL THICKNESS OF THE RIP RAP BLANKET IS WITHIN PLUS OR MINUS 0.25 OF THE SPECIFIED THICKNESS.

VERIZON WIRELESS SHALL PERIODICALLY INSPECT RIP RAP STABILIZED SLOPES & CHANNELS DETERMINE IF HIGH FLOWS HAVE CAUSED SCOUR BENEATH THE RIP RAP OR FILTER BLANKET MATERIALS. REMOVE TREES THAT DEVELOP IN THE PROTECTED SLOPES.

MODIFIED RIP RAP SIZE CHART				
STONE SIZE	% OF MASS			
10" AND OVER	G			
6" TO 10"	30-50			
4" TO 6"	30-50			
2" TO 4"	20-30			
1" TO 2"	10-20			
LEES THAN 1"	0-10			

Celico Partnership d.b.a. VeriZonwióless 2 06/22/15 HWR CFC RENSED D&W PLANS – SILT FENCE EXTENSION FOR TURITE 2 06/22/15 HWR CFC RENSED D&W PLANS – ACCESS DRIVE ADJUSTABENT PER TO TO TOWN PLANS – SILT FENCE EXTENSION FOR TURITE TO TOWN PLANS – SILT FENCE FENCE TO TOWN PLANS

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> STREET **EAST** - 1

Wireless

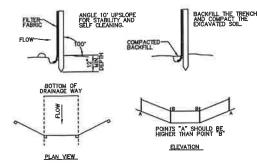
Cellco

Partnership d/b/a Verizon SOUTHINGTON

DATE: 05/18/15 SCALE: AS NOTED JOB NO. 14035.000

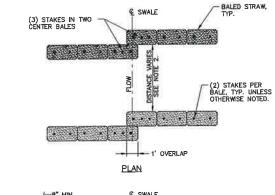
S&E CONTROL NOTES & DETAILS

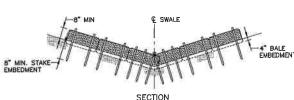




SOURCE: U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, STORRS, CONNECTICUT







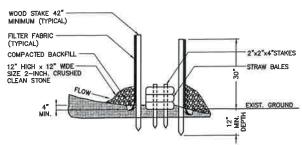
NOTES

-PROPOSED GROUND SURFACE W/ 2:1 RIP-RAP STABILIZED SLOPES. SEE SHEET C-3 FOR ADDITIONAL INFORMATION.

SURFACE (TYP.)

- 1. CHECKDAM SHALL BE INSTALLED IN LOCATIONS INDICATED ON SITE PLAN (SHEET C-1A) IN DRAINAGE SWALE WITH BED WIDTHS OF 2 FEET OR LESS.
- THE DISTANCE BETWEEN STRAW BALE CHECKDAMS SHALL BE DETERMINED BY THE SLOPE OF THE SWALE. CHECKDAMS SHALL BE SET AT EVERY 2 FEET DROP IN SWALE ELEVATION.
- BALES SHALL BE INSPECTED PERIODICALLY AND AFTER ALL STORM EVENTS AND REPAIR OR REPLACEMENT SHALL BE PERFORMED PROMPTLY AS NEEDED.
- 4. INSTALL 3 STAKES PER BALE WITHIN SWALE BED AREAS.





SILTATION FENCE/STRAW BALE SILTATION
FENCE "SANDWICH" EROSION CONTROL
NOT TO SCALE

GENERAL CONSTRUCTION / PRE-CONSTRUCTION NOTES

 PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES, A MANDITORY ON-SITE PRE-CONSTRUCTION MEETING SHALL BE CONDUCTED WITH THE VERIZON WIRELESS CONSTRUCTION MANAGER, CONTRACTOR'S CONSTRUCTION MANAGER THE PROJECT EROSION AND SEDIMENTATION CONTROL/ENVIRONMENTAL MONITOR AND THE ENGINEER OF RECORD.

GENERAL CONSTRUCTION SEQUENCE

THIS IS A GENERAL CONSTRUCTION SEQUENCE OUTLINE SOME ITEMS OF WHICH MAY NOT APPLY TO PARTICULAR SITES.

- CUT AND STUMP AREAS OF PROPOSED CONSTRUCTION.
- 2. INSTALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES AS REQUIRED.
- 3. REMOVE AND STOCKPILE TOPSOIL STOCKPILE SHALL BE SEEDED TO PREVENT EROSION.
- 4. CONSTRUCT CLOSED DRAINAGE SYSTEM. PRECEPT CULVERT INLETS AND CATCH BASINS WITH SEDIMENTATION BARRIERS.
- CONSTRUCT ROADWAYS AND PERFORM SITE GRADING, PLACING HAY BALES AND SILITATION FENCES AS REQUIRED TO CONTROL SOIL EROSION.
- 6. INSTALL UNDERGROUND UTILITIES
- BEGIN TEMPORARY AND PERMANENT SEEDING AND MULCHING. ALL CUT AND FILL SLOPES SHALL BE SEEDED OR MULCHED IMMEDIATELY AFTER THEIR CONSTRUCTION. NO AREA SHALL BE LEFT UNSTABILIZED FOR A TIME PERIOD OF MORE THAN 30 DAYS.
- 8. DAILY, OR AS REQUIRED, CONSTRUCT, INSPECT, AND IF NECESSARY, RECONSTRUCT TEMPORARY BERMS, DRAINS, DITCHES, SILT FENCES AND SEDIMENT TRAPS INCLUDING MULCHING AND SEEDING.
- 9. BEGIN EXCAVATION FOR AND CONSTRUCTION OF TOWERS AND PLATFORMS.
- 10. FINISH PAVING ALL ROADWAYS, DRIVES, AND PARKING AREAS.
- 11, COMPLETE PERMANENT SEEDING AND LANDSCAPING.
- 12. NO FLOW SHALL BE DIVERTED TO ANY WETLANDS UNTIL A HEALTHY STAND OF GRASS HAS BEEN ESTABLISHED IN REGARDED AREAS.
- AFTER GRASS HAS BEEN FULLY GERMINATED IN ALL SEEDED AREAS, REMOVE ALL TEMPORARY EROSION CONTROL MEASURES.

SOIL EROSION AND SEDIMENT CONTROL SEQUENCE

- ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES, SUCH AS CONSTRUCTION ENTRANCE / ANTI TRACKING PAD, SILTATION FENCE, AND SILTATION FENCE / HAY BALE SHALL BE IN PLACE PRIOR TO ANY GRADING ACTIVITY, INSTALLATION OF PROPOSED STRUCTURES OR UTILLITIES. MEASURES SHALL BE LEFT IN PLACE AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND/OR AREA IS STABILIZED.
- THE ENTRANCE TO THE PROJECT SITE IS TO BE PROTECTED BY STONE ANTI TRACKING PAD OF ASTM C-33, SIZE
 NO. 2 OR 3, OR D.O.T. 2* CRUSHED GRAVEL. THE STONE ANTI TRACKING PAD IS TO BE MAINTAINED AT ALL TIMES
 DURING THE CONSTRUCTION PERIOD.
- 3. LAND DISTURBANCE WILL BE KEPT TO A MINIMUM AND RESTABILIZATIONS WILL BE SCHEDULED AS SOON AS PRACTICAL.
- 4. ALL SOIL EROSION AND SEDIMENT CONTROL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL INCLUDING THE LATEST DATE FROM THE COUNCIL ON SOIL AND WATER CONSERVATION.
- 5. ANY ADDITIONAL EROSION/SEDIMENTATION CONTROL DEEMED NECESSARY BY TOWN STAFF DURING CONSTRUCTION, SHALL BE INSTALLED BY THE DEVELOPER. IN ADDITION, THE DEVELOPER SHALL BE RESPONSIBLE FOR THE REPAIR/REPLACEMENT/MAINTENANCE OF ALL EROSION CONTROL MEASURES UNTIL ALL DISTURBED AREAS ARE STABILIZED TO THE SATISFACTION OF THE TOWN STAFF.
- 6. IN ALL AREAS, REMOVAL OF TREES, BUSHES AND OTHER VEGETATION AS WELL AS DISTURBANCE OF THE SOIL IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE. DURING CONSTRUCTION, EXPOSE AS SMALL AN AREA OF SOIL AS POSSIBLE FOR AS SHORT A TIME AS POSSIBLE.
- 7. SILTATION FENCE SHALL BE PLACED AS INDICATED BEFORE A CUT SLOPE HAS BEEN CREATED, SEDIMENT DEPOSITS SHOULD BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDES OF SILTATION FENCE. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR TO DE USED IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. SILTATION FENCE IS TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION, THE FENCE IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE EROSION CHECKS ARE STABILIZED AND VEGETATION HAS BEEN ESTABILISHED.
- 8. SWALE DISCHARGE AREA WILL BE PROTECTED WITH RIP RAP SPLASH PAD/ ENERGY DISSIPATER.
- ALL FILL AREAS SHALL BE COMPACTED SUFFICIENTLY FOR THEIR INTENDED PURPOSE AND AS REQUIRED TO REDUCE SLIPPING, EROSION OR EXCESS SATURATION.
- 10. THE SOIL SHALL NOT BE PLACED WHILE IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBGRADE IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING OR PROPOSED SODDING OR SEEDING.
- 11. AFTER CONSTRUCTION IS COMPLETE AND GROUND IS STABLE, REMOVE SILTS IN THE RIP RAP ENERGY DISSIPATERS. REMOVE OTHER EROSION AND SEDIMENT DEVICES.

CONSTRUCTION SPECIFICATIONS - SILT FENCE

- 1. THE GEOTEXTILE FABRIC SHALL MEET THE DESIGN CRITERIA FOR SILT FENCES.
- 2. THE FABRIC SHALL BE EMBEDDED A MINIMUM OF 8 INCHES INTO THE GROUND AND THE SOIL COMPACTED OVER THE EMBEDDED FABRIC.
- 3. WOVEN WIRE FENCE SHALL BE FASTENED SECURELY TO THE FENCE POSTS WITH WIRE TIES OR STAPLES.
- 4. FILTER CLOTH SHALL BE FASTENED SECURELY TO THE WOVEN WIRE FENCE WITH TIES SPACED EVERY 24 INCHES AT THE TOP, MID-SECTION AND BOTTOM.
- WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED BY 6 INCHES, FOLDED, AND STAPLED.
- 6. FENCE POSTS SHALL BE A MINIMUM OF 36 INCHES LONG AND DRIVEN A MINIMUM OF 16 INCHES INTO THE GROUND. WOOD POSTS SHALL BE OF SOUND QUALITY HARDWOOD AND SHALL HAVE A MINIMUM CROSS SECTIONAL AREA OF 3.0 SQUARE INCHES.
- MAINTENANCE SHALL BE PERFORMED AS NEEDED TO PREVENT BUILD UP IN THE SILT FENCE DUE TO DEPOSITION OF SEDIMENT.

MAINTENANCE - SILT FENCE

- SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
- IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
- SEDIMENT SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACHED APPROXIMATELY ONE—HALF THE HEIGHT OF THE BARRIER.
- SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATED.

PLANS - SILT FENCE EXTENSION FOR PLANS - ACCESS DRIVE ADJUSTMENT DOEM

488-6580 488-6587 Fax North Branford Road Ord, CT 06405

STREET (2014-8887) SOTREET (2014-88887) SOTREET (2014-88887) SOTREET (2014-88887) SOTRE (2014-88887) SOTRE (2014-88887)

STON - EAST STI

Celico Partnership d/b/a.

WIRELESS COMMUNICATION

SOUTHINGTON - E,

DATE: 05/15/15

SCALE: AS NOTED

JOB NO. 14035,000

SITE CONSTRUCTION S&E CONTROL NOTES & DETAILS

C-4

EXISTING COMPACTED SUBBASE

16'

NOTES:

1. PERFORATED GEOCELL TO BE USED.

2. MATERIAL DEPTHS MAY VARY DEPENDING UPON LOADING.

4 FRENCH MATRESS WETLAND CROSSING SECTION

NOT TO SCALE

ENVIRONMENTAL NOTES: SPOTTED TURTLE AND AQUIFER PROTECTION PROGRAM

SPOTTED TURTLE, A STATE SPECIAL CONCERN SPECIES, IS KNOWN TO OCCUR ON OR WITHIN THE VICINITY OF THE SITE. THE FOLLOWING PROTECTIVE MEASURES SATISFY REQUIREMENTS FROM THE CONNECTICUT DEPARTMENT OF ENERGY & ENVIRONMENTAL PROTECTION ("CIDEEP") WILDLIFE DMSION AND FOLLOW PROTOCOLS DEVELOPED FROM PREVIOUS RARE TURTLE SPECIES CONSULTATIONS AND STATE—APPROVED PROTECTION PLANS. THIS PROTECTION PLAN IS VALID UNTIL DECEMBER 18, 2015, AT WHICH POINT IF CONSTRUCTION HAS NOT BEEN INITIATED, A NEW MATURAL DIVERSITY DATA BASE REVIEW REQUEST FROM CTDEEP IS REQUIRED.

THE PROJECT IS ALSO LOCATED WITHIN THE SOUTHINGTON WATER DEPARTMENT'S (PWSID #CT1310011) ADUITER
PROTECTION AREA (APA') FOR WELLS #7 AND #8 AS IDENTIFIED BY THE CONNECTICUT DEPARTMENT OF PUBLIC HEALTH'S
(OPH'). THE SOUTHINGTON WATER DEPARTMENT AND CONNECTICUT STIME COUNCIL WILL BE NOTICED AT LEST 48 HOURS
IN ADVANCE OF A PRE-CONSTRUCTION MEETING WITH AN INVITATION TO ATTEND. DURING THE PROJECT'S
PRE-CONSTRUCTION MEETING, THE CONTRACTOR WILL BE MADE AWARE OF THE SPECIAL PROTECTIVE PRECAUTIONS, PROTECTIVE
ABOVE THAT ARE REQUIRED DUE TO THE PROJECT'S LOCATION IN THE APA. THE FOLLOWING PRECAUTIONS, PROTECTIVE
MEASURES, MONITORING AND NOTIFICATIONS TO PROTECT THIS IMPORTANT RESOURCE ARE REQUIRED TO BE ADHERED TO
BY THE CONTRACTOR. SOUTHINGTON WATER DEPARTMENT PERSONNEL WILL BE ALLOWED ACCESS TO THE PROJECT DURING
CONSTRUCTION FOR PERIODIC FIELD INSPECTIONS SHOULD THEY DESIRE. THE PROJECT IS ALSO LOCATED WITHIN THE SOUTHINGTON WATER DEPARTMENT'S (PWSID #CT1310011) AQUIFER

IT IS OF THE UTMOST IMPORTANCE THAT THE CONTRACTOR COMPLES WITH THE REQUIREMENT FOR THE INSTALLATION OF PROTECTIVE MEASURES AND THE EDUCATION OF ITS EMPLOYEES AND SUBCONTRACTORS PERFORMING WORK ON THE PROTECTIVE MEASURES AND THE EDUCATION OF ITS LOCATION IN AN APA AND IF WORK WILL OCCUR DURING THE SPOTTED TURTLE'S ACTIVE PERIOD (MARCH 1 TO NOVEMBER 15), ALL-POINTS TECHNOLOGY CORPORATION, P.C. (APT) WILL SERVE AS THE ENVIRONMENTAL MONITOR FOR THIS PROJECT TO ENJURE THAT SOUTHED TURTLE AND AUJIVEE PROTED TURTLE AND AUJIVEE PROTED TURTLE AND SURVEY PROTED TURTLE FOR THIS PROVIDE AN EDUCATION SESSION ON SPOTTED TURTLE AND SURVEY PROTED TURTLE OF THE UNDERLYING DEAD GUISTAFSON, SENIOR ENVIRONMENTAL SCIENTIST AT APT, AT LEAST 5 BUSINESS DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING. MR. GUISTAFSON GALL-POINTSTECHCOM.

THE PROPOSED PROTECTION PROGRAM CONSISTS OF SEVERAL COMPONENTS: ISOLATION OF THE PROJECT PERIMETER; PERIODIC INSPECTION AND MAINTENANCE OF ISOLATION STRUCTURES; EDUCATION OF ALL CONTRACTORS AND SUB-CONTRACTORS PRIOR TO INITIATION OF WORK ON THE SITE; PETROLEUM STORAGE AND SPILL PREVENTION MEASURES, TURILE PROTECTIVE MEASURES; AND, REPORTING.

1.ISOLATION MEASURES & EROSION AND SEDIMENTATION CONTROLS

Q.PLASTIC NETTING USED IN A VARIETY OF EROSION CONTROL PRODUCTS (I.E., EROSION CONTROL BLANKETS, FIBER
ROLLS (WATTLES), REINFORCED SLIT FENCE) HAS BEEN FOUND TO ENTANGLE WILDLIFE, INCLUDING REPTILES,
AMPHIBIANS, BIRDS AND SWALL MAMMALS, NO PERMANENT EROSION CONTROL PRODUCTS OR REINFORCED SLIT FENCE
WILL BE USED ON THE VERIZON WIRELESS PROJECT. TEMPORARY EROSION CONTROL DOUGTS WILL USE EITHER
EROSION CONTROL BLANKETS AND FIBER ROLLS COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOGETHER

WILL BE USED ON THE VERIZON WIRELESS PROJECT. TEMPORARY EROSION CONTROL PRODUCTS WILL USE EITHER EROSION CONTROL BLANKERS AND FIBER ROLLS COMPOSED OF PROCESSED FIBERS MECHANICALLY BOUND TOGETHER TO FORM A CONTINUOUS MATRIX (NET LESS) OR NETTING COMPOSED OF PLANAR WOVEN NATURAL BIODEGRADABLE FIBER TO AVOID/MINIMIZE WILDLIFE ENTANGLEMENT.

INSTALLATION OF EROSION AND SEDIMENTATION CONTROLS (I.E., SILT FENCING), REQUIRED FOR EROSION CONTROL COMPULANCE AND CREATION OF A BARRIER TO POSSIBLE MIGRATING/DISPERSING HERPETOFAUNA, SHALL BE PERFORMED BY THE CONTRACTOR FOLLOWING CLEARING ACTIVITIES AND PRIOR TO ANY EARTHWORK. THE EMMONMENTAL MONITOR WILL INSPECT THE WORK ZONE AREA PRIOR TO AND FOLLOWING EROSION CONTROL BARRIER INSTALLATION TO ENSURE THE AREA IS FREE OF TO ENSURE THE AREA IS FREE OF FOOTED TURILES AND SATISFACTORILY INSTALLED. THE INTENT OF THE BARRIER IS TO SEGREGATE THE MAJORITY OF THE WORK ZONE FROM FORGING/MIGRATING/DISPERSING LOCATIONS OF STAGING/MARERIAL STORAGE AREAS, ETC. IN THOSE CIRCUMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING/DISPERSIA ROUTES AWAY FROM THE WORK ZONE TO MINIMIZE POTENTIAL ENCOUNTERS WITH TURTLES.

C'THE FERGING/MATERIAL STORAGE AREAS, ETC. IN THOSE CIRCUMSTANCES, THE BARRIERS WILL BE POSITIONED TO DEFLECT MIGRATING/DISPERSIAL ROUTES AWAY FROM THE WORK ZONE TO MINIMIZE POTENTIAL ENCOUNTERS WITH TURTLES.

C'THE FERGING WILL CONSIST OF MON-REINFORCED CONVENTIONAL EROSION CONTROL WOVEN FABRIC, INSTALLED APPROXIMATELY SIX INCHES BELOW SUFFACE GRADE AND STAKED AT SEVEN TO TEN-FOOT INTERVALS USING POUR FORM STAKED AND STAKED AT SEVEN TO TEN-FOOT INTERVALS USING POUR FORM STAKED AND STAKED AT SEVEN TO TEN-FOOT MITERVALS USING POUR FORM STAKED AND STAKED AT SEVEN TO THE FABRIC FOLLOWING INSTALLATION AND AT EITHER ON WEEKLY OF REPORTED FOR TEARS OR BREECHES IN THE FABRIC FOLLOWING INSTALLATION AND AT EITHER ON WEEKLY OR REWEBLY INSPECTION FREQUENCY BY APT. IF INSPECTIONS POUR FORM TO AND A STAKED OF THE CONSTRUCTION FOR THE FORM ON THE PROVING STALL BURNER FENCING WILL BE

- SILT FENCING/HAY BALES
 SEEDING & MULCHING
 DRAINAGE SWALES
 DRAINAGE SWALES
 DRAINAGE SWALES
 OTHER SITE-SPECIFIC EROSION CONTROL DEVICES

2. CONTRACTOR EDUCATION

1. 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 PROVIDING PHOTOS OF SPOTTED TURTLES AND EMPHASIZING THE NON-AGGRESSIVE NATURE OF THESE TURTLES, THE ASSENCE OF NEED TO DESTROY, ANIMALS THAT MIGHT BE ENCOUNTERED AND THE NEED TO FOLLOW PROTECTIVE MEASURES AS DESCRIED IN SECTION 4 BELOW, WORKERS WILL ALSO BE PROVIDED INFORMATION REGARDING THE IDENTIFICATION OF OTHER TURTLE SPECIES THAT COULD BE ENCOUNTERED.

1. THE EDUCATION SESSION WILL ALSO FOCUS ON MEANS TO DISCRIMINATE BETWEEN THE SPECIES OF CONCERN AND OTHER NATIVE SPECIES TO AVOID UNNECESSARY FALSE ALARMS'. ENCOUNTERS WITH ANY SPECIES OF TURTLES WILL BE DOCUMENTED.

2. THE CONTRACTOR WILL BE PROVIDED WITH CELL PHONE AND EMAIL CONTRACTS FOR APT PERSONNEL TO IMMEDIATELY REPORT ANY ENCOUNTERS WITH SPOTTED TURTLE OR OTHER TURTLE SPECIES. EDUCATIONAL POSTER MATERIALS WILL BE PROVIDED BY APT AND DISPLAYED ON THE JOB SITE TO MAINTAIN WORKER AWARENESS AS THE PROJECT PROCRESSES.

3.PETROLEUM MATERIALS STORAGE AND SPILL PREVENTION

a.CERTAIN PRECAUTIONS ARE NECESSARY TO STORE PETROLEUM MATERIALS, REFUEL AND CONTAIN AND PROPERTY CLEAN

UP ANY INADVERTENT FUEL OR PETROLEUM (LE, OIL, HYDRAULIC FLUID, ETC.) SPILL DUE TO THE PROJECT'S LOCATION

IN AN APA AND PROXIMITY TO SENSITIVE WETLANDS.

b. A SPILL CONTAINMENT KIT CONSISTING OF A 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 JAMERIAL FOR PROPER

AND TIMELY DISPOSAL OFF SITE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL LAWS.

C. THE FOLLOWING PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING RESTRICTIONS AND SPILL RESPONSE

PROCEDURES WILL BE ADHERED TO BY THE CONTRACTOR.

C.G. PETROLEUM AND HAZARDOUS MATERIALS STORAGE AND REFUELING

C.G. G. SERVICING OF MACHINERY SHALL BE COMPLETED OUTSIDE OF THE APA. MACHINERY REPAIRS THAT CANNOT BE

PERFORMED OFF SITE SHALL TAKE PLACE ON AN IMPERYOUS PAD WITH SECONDARY CONTAINMENT DESIGNED

TO CONTAIN FUILDS.

C.G.I.D. REFUELING OF VEHICLES OR MACHINERY SHALL OCCUR A MINIMUM OF 100 FEET FROM WETLANDS OR

WATERCOURSES AND SHALL TAKE PLACE ON AN IMPERYOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO

CONTAIN FUILDS.

WATERCOURSES AND SHALL TAKE PLACE ON AN IMPERVIOUS PAD WITH SECONDARY CONTAINMENT DESIGNED TO CONTAIN FUELS.

C.G.C. ANY FUEL OR HAZARDOUS MATERIALS THAT MUST BE KEPT WITHIN THE APA DURING WORKING HOURS SHALL BE STORED ON AN IMPERVIOUS SUFFACE UTILIZING SECONDARY CONTAINMENT A MINIMUM OF 100 FEET FROM WETANDS OR WATERCOURSES.

C.D. HITIAL SPILL RESPONSE PROCEDURES

C.D.C. CONTAIN THE SOURCE OF THE SPILL

C.D.C. CONTAIN THE SOURCE OF THE SPILL

C.D.C. CONTAIN THE SOURCE OF THE SPILL

C.D.C. DETERMINE THE APPROXIMATE VOLUME OF THE SPILL

C.D.C. DETIFY THE LOCATION OF MATURAL FLOW PATHS TO PREVENT THE RELEASE OF THE SPILL TO SENSITIVE NEARBY WATERWAYS OR WETLANDS.

C.S. SPILL CLEAN UP & CONTAINMENT

C.C.C. OSTAIN SPILL RESPONSE MATERIALS FROM THE ON-SITE SPILL RESPONSE KIT. PLACE ABSORBENT MATERIALS DIRECTLY ON THE RELEASE AREA.

C.C.D. LIMIT THE SPREAD OF THE SPILL BY PLACING ABSORBENT MATERIALS AROUND THE PERIMETER OF THE SPILL C.C.C. GOLATE THE SOUTHINGTON WATER DEPORTMENT, IMMEDIATELY AT (860) 628—5593, ALONG WITH OTHER APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY.

C.C.C. CONTACT THE SOUTHINGTON WATER DEPORTMENT, IMMEDIATELY AT (860) 628—5593, ALONG WITH OTHER APPROPRIATE LOCAL, STATE AND/OR FEDERAL AGENCIES, AS NECESSARY.

C.C.C. CONTACT TO DISPOSAL COMPANY TO PROPERLY DISPOSE OF CONTAMINATED MATERIALS.

C.C.C. CONTACT THE SOUTHINGTON WATER DEPORT.

C.d. REPORTING
C.d.d. COMPLETE AN INCIDENT REPORT.
C.d.d. COMPLETE AN INCIDENT REPORT TO THE SOUTHINGTON WATER DEPARTMENT AND CONNECTICUT SITING
C.d.D. SUBMIT A COMPLETED INCIDENT REPORT TO THE SOUTHINGTON WATER DEPARTMENT AND CONNECTICUT SITING
COUNCIL

4. TURTLE PROTECTIVE MEASURES

a.PRIOR TO THE START OF CONSTRUCTION EACH DAY, THE CONTRACTOR SHALL SEARCH THE ENTIRE WORK AREA FOR TURTLES.

INFILES.

B. IF A TURTLE IS FOUND, IT SHALL BE IMMEDIATELY MOVED, UNHARMED, BY CAREFULLY GRASPED IN BOTH HANDS, ONE ON EACH SIDE OF THE SHELL, BETWEEN THE TURTLE'S FORELIMBS AND THE HIND LIMBS, AND PLACED JUST OUTSIDE OF THE ISOLATION BARRIER IN THE APPROXIMATE DIRECTION IT WAS WALKING.

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.

O. THE USE OF HERBICIDES AND PESTICIDES AT THE PROPOSED WIRELESS TELECOMMUNICATIONS FACILITY AND ALONG THE PROPOSED ACCESS DRIVE ARE STRICTLY PROHIBITED.

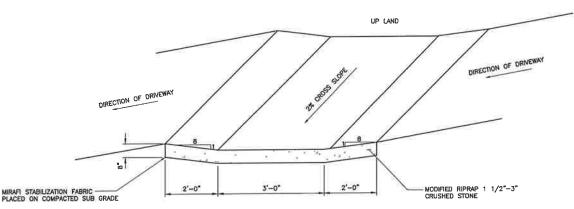
PROPOSED GRADE. PROTECT SLOPES WITH NORTH AMERICAN GREEN PERMANENT TURF REINFORCEMENT MAT OR APPROVED SLOPE PROTECTING METHOD.

TYPICAL SWALE SECTION

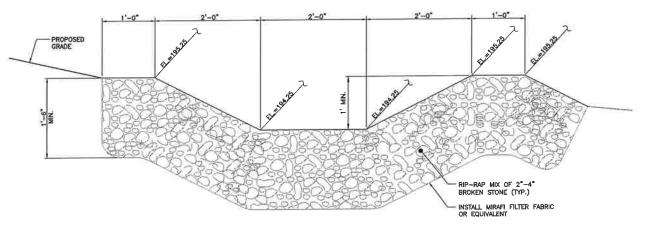
C-5

PROPOSED PROPOSED DRAINAGE ARMORED STONE SURFACE SHALL BE FREE OF ORGANICS AND CONSIST SOLELY OF CRUSHED GRAVEL WITH THE FOLLOWING GRADATION: 10. 15-0 SIEVE: 3 1/2" % PASSING: 35-70 SIEVE: 2 SIEVE: 1 1/2" SIEVE: 1/2" SIEVE: NO. 4 % PASSING: 0-15 % PASSING: 0-5 % PASSING: 0

LEVEL SPREADER W/ CROSS DRAINAGE SWALE C-5









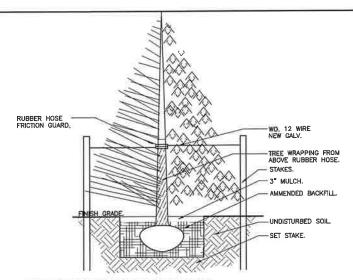




Partnership d/b/a Verizon **EAST** - 1 SOUTHINGTON Selico

05/18/15 DATE: SCALE: AS NOTED JOB NO. 14035.000 DRAINAGE CONTROL DETAILS AND **ENVIRONMENTAL**

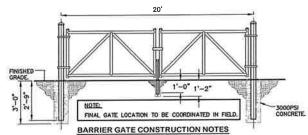
NOTES



TREE & SHRUB PLANTING SPECIFICATIONS:

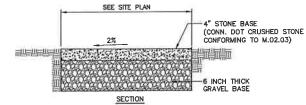
- GUY WIRES (WO.12 NEW GALV.) SHALL BE REQUIRED FOR ALL TREES 3 GAL AND LARGER.
- SOIL MIX SHALL CONSIST OF: 3 PARTS TOP SOIL, 3 PART PEAT MOSS, 10 ONE PART COMPOSTED COW MANURE, AND 1 OZ. SOIL MOIST PER EVERY 12 IN. OF LINEAR DIM. OF ROOT BALL COVER WITH LANDSCAPE FABRIC, AND A MINIMUM OF 3" CEDAR MULCH.
- 3. TREES 6' AND OVER SHALL BE STAKED WITH 2 OAK STAKES 2" X 2" X 6' AND GUY WIRE TO STAKES.
- ALL TREES AND SHRUBS MUST MEET OR EXCEED STANDARDS SET BY THE NATIONAL ASSOCIATION OF NURSERYMEN, YEAR OF LATEST REVISION.

9 TYPICAL TREE PLANTING DETAIL C-6 NOT TO SCALE

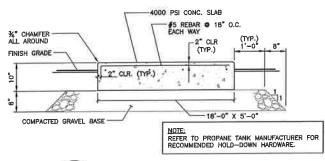


- 1. GATE POST 3" # SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING BARRIER GATE PER ASTM-FIO83.
 2. GATE FRAME: 2" # SCHEDULE 40 PIPE PER ASTM-FIO83.
 3. CENTER UPRIGHT AND ANGLE BRACES: 1 5/8" # SCHEDULE 40 PIPE PER ASTM-FIO83.
 4. HINGES: INGUISTRIAL OFFSET HINGES (I.O.H.).
 5. INDUSTRIAL DROP ROD AND LATCH.
 6. PROVIDE CAPS ON POSTS AND UPRIGHTS.

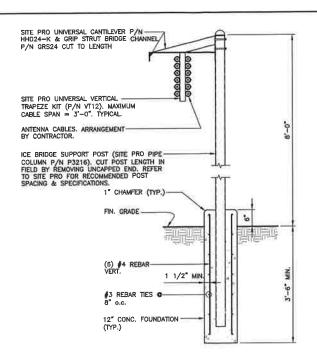




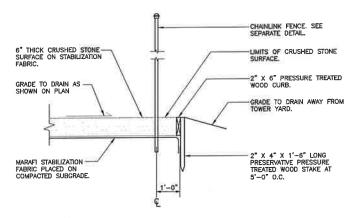
GRAVEL SURFACE PARKING AREA AND ACCESS DRIVE C-6 NOT TO SCALE



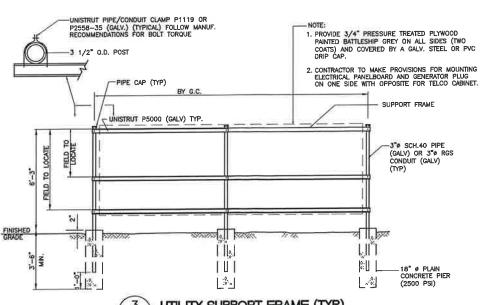




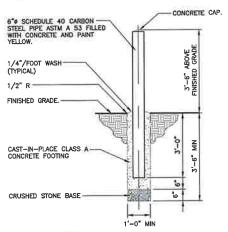
ICE BRIDGE DETAIL C-6 NOT TO SCALE



COMPOUND SURFACING DETAIL C-6



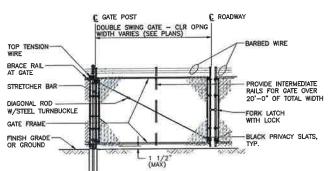
3 C-6 UTILITY SUPPORT FRAME (TYP) NOT TO SCALE



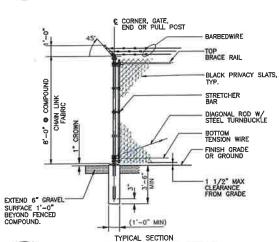


WOVEN WIRE FENCE NOTES

- GATE POST, CORNER, TERMINAL OR PULL POST 2 1/2" Ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM—F1083.
- 2. LINE POST: 2" Ø SCHEDULE 40 PIPE PER ASTM-F1083.
- 3. GATE FRAME: 1 1/2" Ø SCHEDULE 40 PIPE PER ASTM-F1083.
- 4. TOP RAIL & BRACE RAIL: 1 1/2" Ø SCHEDULE 40 PIPE PER ASTM-F1083.
- 5. FABRIC: 12 GA. CORE WIRE SIZE 1 1/4" MESH, CONFORMING TO ASTM-A392.
- TIE WIRE: MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX 24" INTERVALS.
- 7. TENSION WIRE: 7 GA. GALVANIZED STEEL
- BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH W/FABRIC 14 GA., 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
- 9. GATE LATCH: DROP DOWN LOCKABLE FORK LATCH AND LOCK, KEYED ALIKE FOR ALL SITES IN A GIVEN MTA.
- 10. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED WITH IF REQUIRED.
- 11. COMPOUND FENCE HEIGHT = 8' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.



1A WOVEN WIRE SWING GATE-DOUBLE C-6 NOT TO SCALE



WOVEN WIRE FENCE DETAIL C-6 NOT TO SCALE

DETAILS C-6

(203) (203) 63-2 N Branfo

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05/18/15 SCALE: AS NOTED JOB NO. 14035.000

d/b/a Verizon

artnership

8

- SILT FENCE EXTENSION FOR TURTLE PRI - ACCESS DRIVE ADJUSTMENT PER TOWN

PLANS

Deal

