

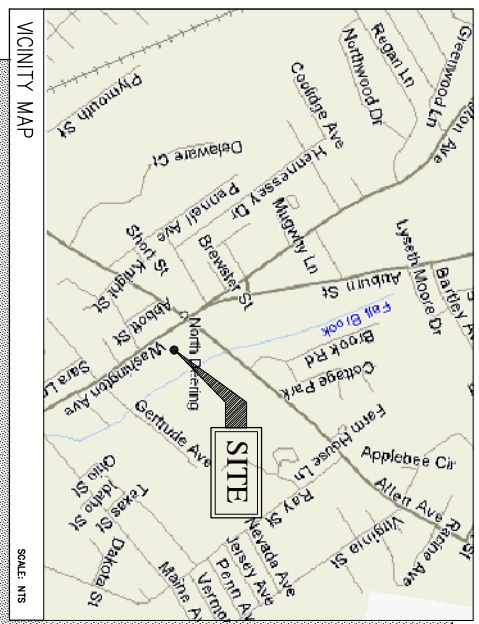
U.S. Cellular

The way people talk around here. SM

SITE NAME: WGME-13
SITE NO. 853408
LATITUDE: 43°42'04.01"
LONGITUDE: 70°17'05.03"

SITE NUMBER:	WGME-13
SITE NAME:	853408
TOWER TYPE:	230' LATTICE TOWER (EXISTING)
SITE ADDRESS:	1335 WASHINGTON AVE PORTLAND, ME 04103
PROPERTY OWNER:	RAYMOND A. CARYE 15 MONSIGNOR O'BRIEN HWY CAMBRIDGE, MA 02141
MAP/BLOCK/LOT:	401/A/005
APPLICANT:	U.S. CELLULAR 5/9 CLARENCE LEIST 288 ROUTE 101 BEDFORD, NH 03110

PROJECT SUMMARY

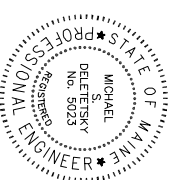


SHEET NO.	DESCRIPTION	DATE	REV. NO.
T-1	TITLE SHEET	08/16/04	0
C-1	PLOT PLAN	08/16/04	0
C-2	SITE PLAN	08/16/04	0
C-3	ANTENNA PLAN & ELEVATION	08/16/04	0
D-1	SECTIONS AND DETAILS	08/16/04	0
G-1	GENERAL NOTES	08/16/04	0

SHEET INDEX

BUILDING REQUIREMENTS:
 BUILDING IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAPPED ACCESS REQUIREMENTS NOT REQUIRED.

PLUMBING REQUIREMENTS:
 FACILITY HAS NO PLUMBING.



THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.



U.S. Cellular
The way people talk around here.
 288 Route 101, 2nd Floor, Bedford, NH 03110

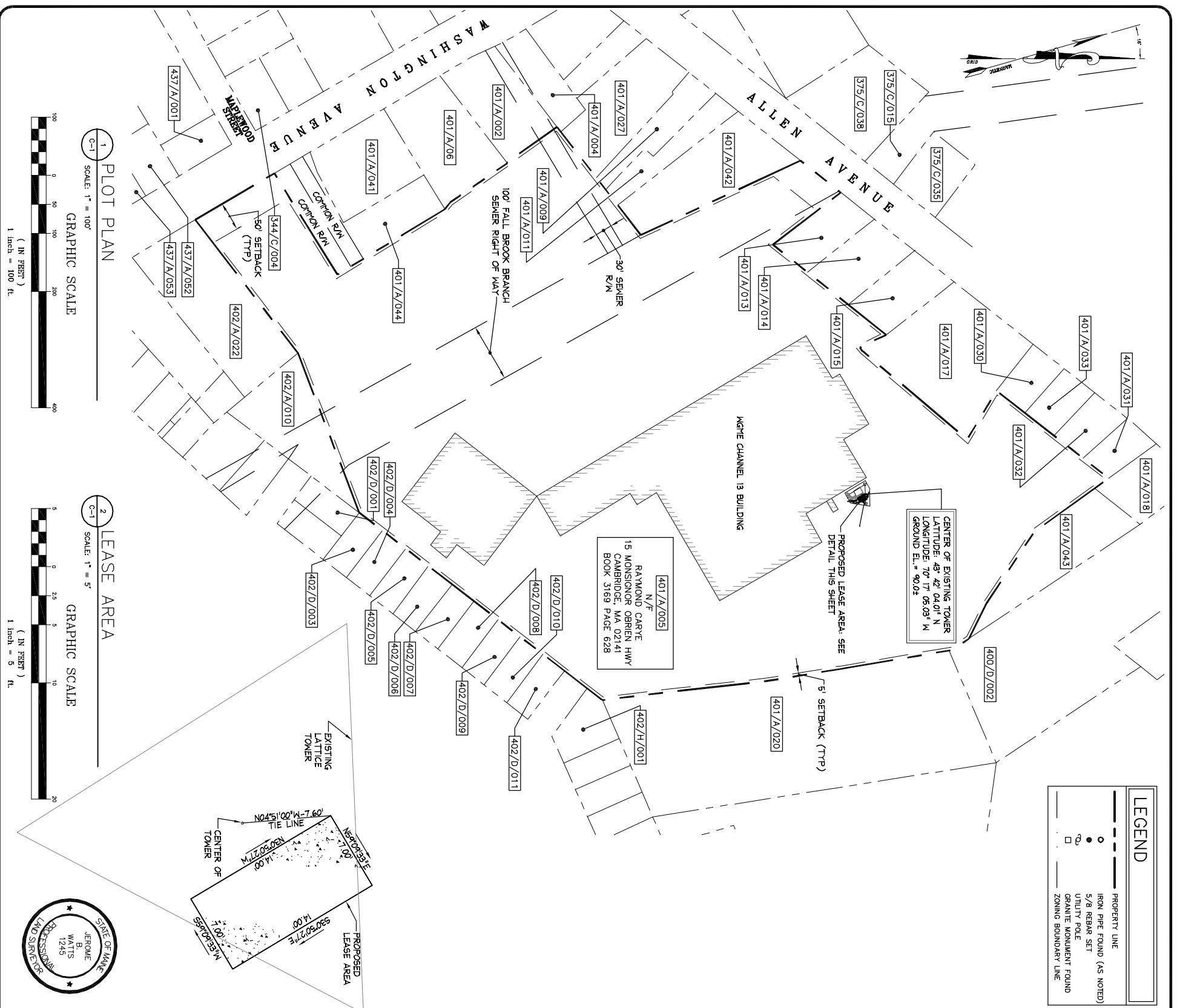
R.F. _____
 SA/ZN _____
 CONST. _____
 U.S.C.C. _____
 P.M. _____

OEST Associates, Inc.
 343 Gorham Road · South Portland, ME 04106
 engineers · architects · surveyors · construction managers
 TEL: (207) 761-1770
 FAX: (207) 774-1246
 OEST PROJ. NO: 338.11.01

SITE NAME: WGME-13
SITE NUMBER: 853408
ADDRESS: 1335 WASHINGTON AVE
 PORTLAND, ME 04103
DRAWING TITLE: TITLE SHEET

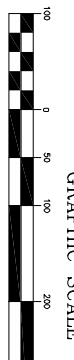
NO.	DESCRIPTION	DATE

FOR CONSTRUCTION www.uscellular.com	
DESIGNED BY:	DATE:
MSD	08/16/04
CBM	AS NOTED
MSD	338.11.01

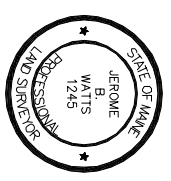
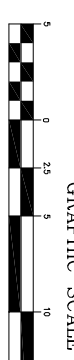


LEGEND	
---	PROPERTY LINE
○	IRON PIPE FOUND (AS NOTED)
●	5/8 REBAR SET
□	UTILITY POLE
□	GRANITE MONUMENT FOUND
- - -	ZONING BOUNDARY LINE

1 PLOT PLAN
SCALE: 1" = 100'



2 LEASE AREA
SCALE: 1" = 5'



LIST OF ABUTTERS

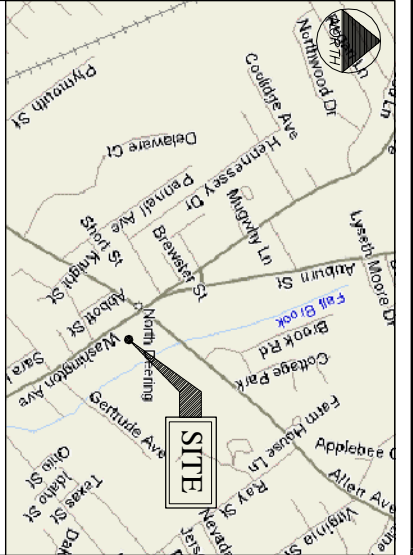
CITY OF PORTLAND	RECORD OWNER	ADDRESS
401/A/001	TERI L. LEASURE	30 SHORELINE DR FALMOUTH ME 04105
344/C/004	RAO REALTY, LLC	5 HULLIA DR FALMOUTH ME 04105
375/C/015	C/O WINSLOW PROPERTY MGMT ASSOCIATES, LLC	LEWISVILLE RD LEWISVILLE ME 04241
375/C/035	CITY OF PORTLAND	400 ALLEN AVE PORTLAND ME 04103
400/D/002	THE RESURGENCE CONDO ASSOCIATION	389 CONGRESS ST PORTLAND ME 04101
401/A/002	CHAU TSIAN	409 ALLEN AVE PORTLAND ME 04103
401/A/004	RIE AID OF MAINE INC	228 GORHAM RD SCARBOROUGH ME 04074
401/A/009	MICHAEL S. ORR	PO BOX 3185 HARRISBURG PA 17105
401/A/021	MICHAEL S. ORR	2 WINDROSE LN SCARBOROUGH ME 04074
401/A/027	EDWARD F. GARTE TRUSTEE ETAL	PO BOX 41020 CAMBRIDGE MA 02411
401/A/013	RAYMOND & BARBARA GARTE TRS	15 MONSIGNOR O'BRIEN HWY CAMBRIDGE MA 02141
401/A/014	RAYMOND A & EDWARD F. GARTE TRS	15 MONSIGNOR O'BRIEN HWY CAMBRIDGE MA 02141
401/A/015	ROBERTA R. ANDERSON	455 ALLEN AVE PORTLAND ME 04103
401/A/018	DAVID R. WILLY VET & PHYLIS R. MARLEY	423 ALLEN AVE PORTLAND ME 04103
401/A/030	ROSE & CHARLES WINTERS	445 ALLEN AVE PORTLAND ME 04103
401/A/031	JEAN F. GRANDON	441 ALLEN AVE PORTLAND ME 04103
401/A/032	CUTTON L. RW VET & MADALYN L. BROWN	427 ALLEN AVE PORTLAND ME 04103
401/A/033	PORTLAND REGIONAL FEDERAL CREDIT UNION	1345 WASHINGTON AVE PORTLAND ME 04103
401/A/041	RAYMOND A. GARTE ETALS	15 MONSIGNOR O'BRIEN HWY CAMBRIDGE MA 02141
401/A/042	EDWARD F. GARTE	PO BOX 41020 CAMBRIDGE MA 02411
401/A/027	TRUSTEES ETAL	122 GERTRUDE AVE PORTLAND ME 04103
401/A/004	WILLIAM R. UMBEL	59 GERTRUDE AVE PORTLAND ME 04103
401/A/009	PHILIP H. CURTIS VV VET	74 GERTRUDE AVE PORTLAND ME 04103
402/D/001	CAROL A. & STEPHEN A. MACKENZIE	74 GERTRUDE AVE PORTLAND ME 04103
402/D/006	THE MINAT CORPORATION	34 PEBBLE ST PORTLAND ME 04101
402/D/010	1334 WASHINGTON AVENUE ASSOCIATES	PO BOX 38 SOUTH FREEPORT ME 04078
437/A/001	JOHN E. & CHERYL A. CARROLL	8818 CARBAGE DR SARASOTA FL 34243
437/A/052	GREENLEAF ROBERT E. WILLY VET & JULIETTE G. GREENLEAF REV TRUST	1322 WASHINGTON AVE PORTLAND ME 04103

ZONING INFORMATION

ZONING DISTRICT:	COMMUNITY BUSINESS (B-2)
MINIMUM STREET FRONTAGE:	50 FEET
FRONT YARD SETBACK:	50 FEET
SIDE YARD SETBACK:	5 FEET
REAR YARD SETBACK:	5 FEET
MINIMUM LOT SIZE:	10,000 S.F.

DESCRIPTION OF LEASE AREA

LEGAL DESCRIPTION - LEASE PARCEL:
A CERTAIN PARCEL OF LAND LOCATED EASTERLY OF WASHINGTON AVENUE, IN THE CITY OF PORTLAND, CUMBERLAND COUNTY, MAINE, AND LYING WITHIN LAND OF THE GRANITORS(S), AS DESCRIBED IN BOOK 3169, PAGE 628, BOUNDED AND DESCRIBED AS FOLLOWS:
BEGINNING AT A POINT MARKING THE NORTHWESTERLY CORNER OF THE FOLLOWING DESCRIBED LEASE, LOCATED N04°51'00"W, 7.80 FEET FROM THE CENTER OF AN EXISTING 250 FOOT LATTICE TOWER;
THENCE, N59°09'33"E, 7.00 FEET TO A CORNER OF A CONCRETE PAD;
THENCE, S30°50'27"E, 14.00 FEET TO A CORNER OF A CONCRETE PAD;
THENCE, S89°09'33"W, 7.00 FEET TO A CORNER OF A CONCRETE PAD;
THENCE, N30°50'27"W, 14.00 FEET TO THE POINT OF BEGINNING.
THE ABOVE DESCRIBED PARCEL CONTAINS 98± SQUARE FEET.
BEARINGS ARE BASED ON MAINE STATE GRID COORDINATE SYSTEM, WEST ZONE, (NAD 83).



GENERAL NOTES

- DATES OF FIELD SURVEY: AUGUST 2004
- SITE NAME: WCOME-13
- SITE NUMBER: 853408
- SITE ADDRESS: 1335 WASHINGTON AVE
PORTLAND, ME 04103
CUMBERLAND COUNTY
- OWNER: RAYMOND GARTE
15 MONSIGNOR O'BRIEN HWY
CAMBRIDGE, MA 02141
- APPLICANT: U.S. CELLULAR
C/O CLARENCE LEIST
288 ROUTE 101
BEDFORD, NH 03110
- JURISDICTION: PORTLAND, MAINE
- ZONING DISTRICT: COMMUNITY BUSINESS (B-2)
- TAX IDENTIFICATION: MAP 401 BLOCK A LOT 005
- DEED BOOK/PAGE: 3169/628
- HORIZONTAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929, (MEAN SEA LEVEL).
- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
- CENTER OF EXISTING TOWER: LATITUDE: 43° 42' 04.01" N (NAD 83)
LONGITUDE: 70° 17' 05.03" W (NAD 83)
GROUND EL. = 90.0±.
- BEARINGS ARE BASED ON MAINE STATE GRID COORDINATE SYSTEM, WEST ZONE, (NAD83).
- ALL UNDERGROUND UTILITY INFORMATION PRESENTED HEREON WAS DETERMINED FROM SURFACE EVIDENCE AND PLANS OF RECORD. ALL UNDERGROUND UTILITIES SHOULD BE LOCATED IN THE FIELD PRIOR TO COMMENCEMENT OF ALL SITE WORK. CALL DIGSAFE 1(888) 344-7233 A MINIMUM OF 72 HOURS PRIOR TO PLANNED ACTIVITY.
- PROPERTY IS LOCATED IN FLOOD ZONE "C" AS SHOWN ON FLOOD INSURANCE RATE MAP IN THE CITY OF PORTLAND, MAINE, CUMBERLAND COUNTY PANEL 2 OF 17, COMMUNITY PANEL NUMBER 230051-0002-B EFFECTIVE DATE JULY 17, 1986. ZONE C IS DEFINED AS AREAS OF MINIMAL FLOODING.

FAA CERTIFICATION - 2C

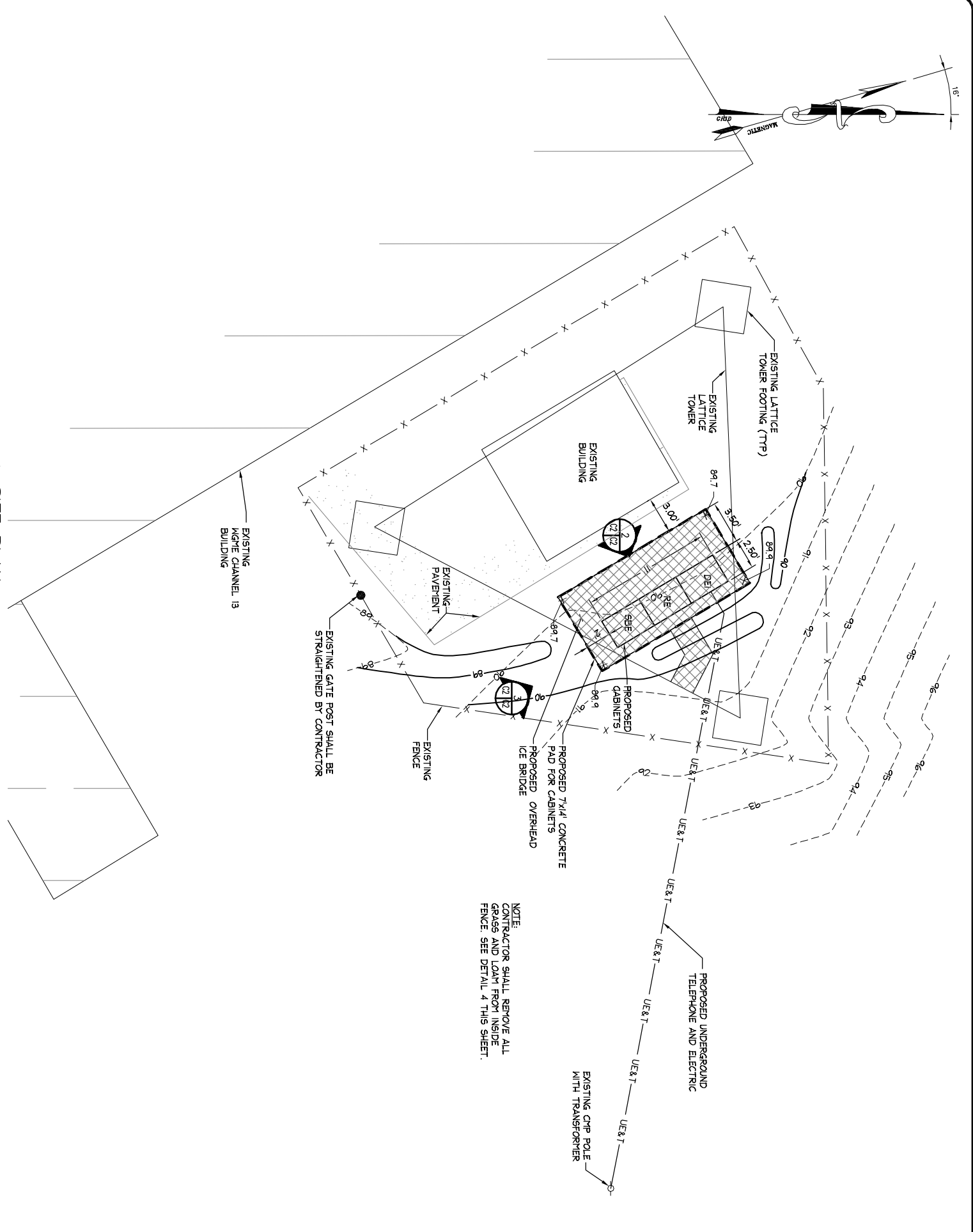
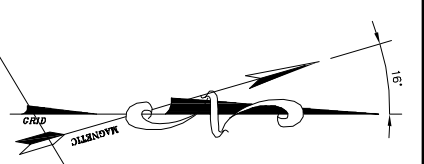
I HEREBY CERTIFY THAT THE LATITUDE, LONGITUDE, AND ELEVATIONS PRESENTED HEREON MEETS THE REQUIREMENTS OF THE FAA WITH THE FOLLOWING ACCURACIES:
+/- TWENTY (20) FEET VERTICALLY
+/- FIFTY (50) FEET HORIZONTALLY

JEROME B. WATTS
LICENSED LAND SURVEYOR #1245
DATE: _____

NOTE:
THIS NOT A STANDARD BOUNDARY SURVEY.
EXCEPT AS IDENTIFIED BY MONUMENTATION FOUND ALL BOUNDARIES SHOWN ON THIS PLAN HAVE BEEN COMPILED FROM RECORD DEEDS AND TAX MAPS AND ARE INTENDED TO SHOW THE LOCATIONS OF ABUTTERS LOTS AND ZONING BOUNDARIES ONLY.

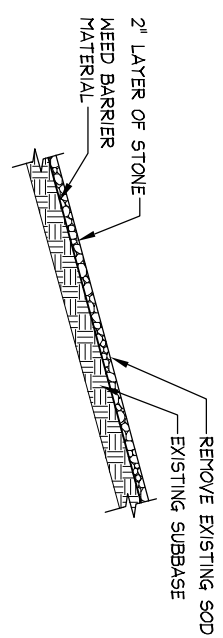
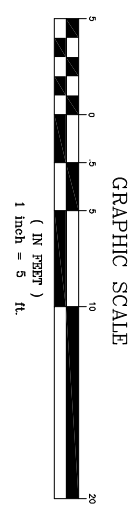
THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34".
IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.
EQUIPMENT INSTALLATION SHALL MEET ALL LOCAL, STATE AND FEDERAL REQUIREMENTS FOR EQUIPMENT EMISSIONS.

<p>C-1</p>	<p>U.S. Cellular The way people talk around here. 288 Route 101, 2nd Floor, Bedford, NH 03110</p>	<p>OEST Associates, Inc. 343 Gorham Road • South Portland, ME 04106 engineers • architects • surveyors • construction managers TEL: (207) 761-1770 FAX: (207) 774-1246 OEST PROJ. NO: 338.11.01</p>	<p>WGME-13 853408 1335 WASHINGTON AVE PORTLAND, ME 04103 DRAWING TITLE: PLOT PLAN</p>
-------------------	--	--	---



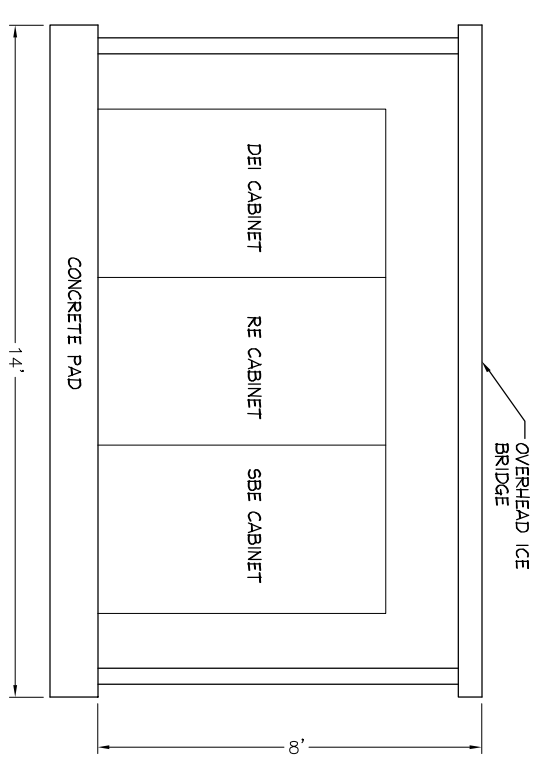
NOTE:
CONTRACTOR SHALL REMOVE ALL GRASS AND LOAM FROM INSIDE FENCE. SEE DETAIL 4 THIS SHEET.

1 SITE PLAN
SCALE: 1"=5'

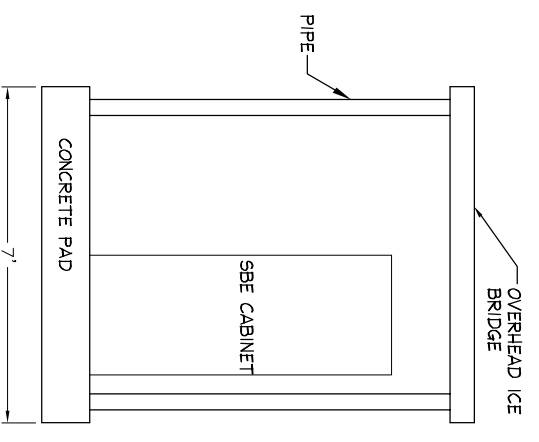


4 DETAIL
SCALE: N.T.S.

LEGEND	
— X — X —	EXISTING CHAIN LINK FENCE
— — — —	PROPOSED CONTOUR
○	IRON PIN FOUND (AS NOTED)
—○—	UTILITY POLE
— — — —	EXISTING CONTOUR
— — — —	STONE WALL
~~~~~	EXISTING TREE LINE



2 DETAIL  
SCALE: N.T.S.



3 DETAIL  
SCALE: N.T.S.



THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.

**OEST Associates, Inc.**  
343 Garham Road · South Portland, ME 04106  
engineers · architects · surveyors · construction managers

TEL: (207) 761-1770  
FAX: (207) 774-1246

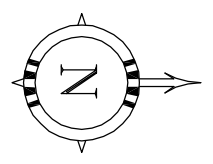
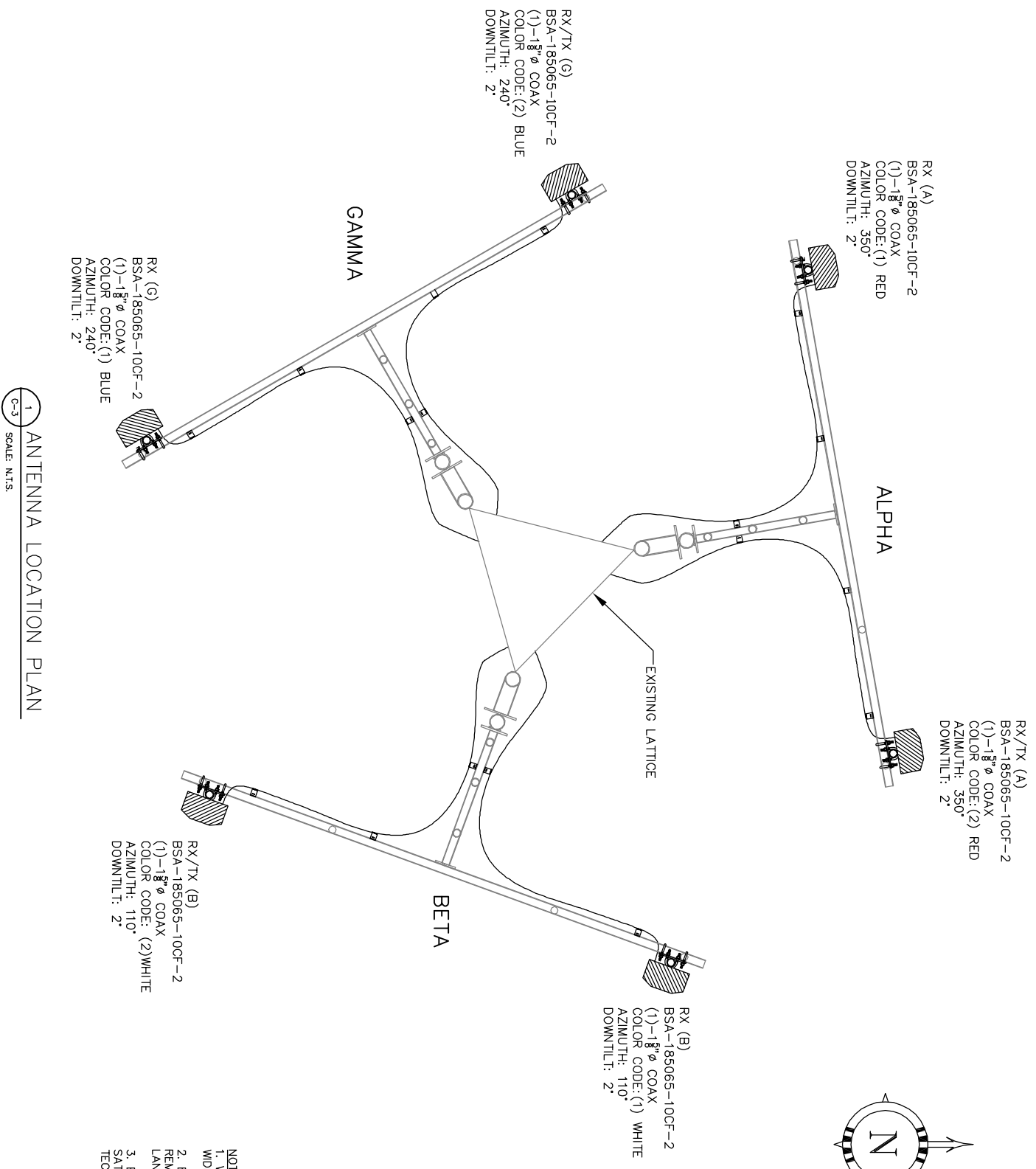
OEST PROJ. NO: 338.11.01

**SITE NAME:** WGME-13  
**SITE NUMBER:** 8534.08  
**ADDRESS:** 1535 WASHINGTON AVE PORTLAND, ME 04103  
**DRAWING TITLE:** SITE PLAN

NO.	DESCRIPTION	DATE

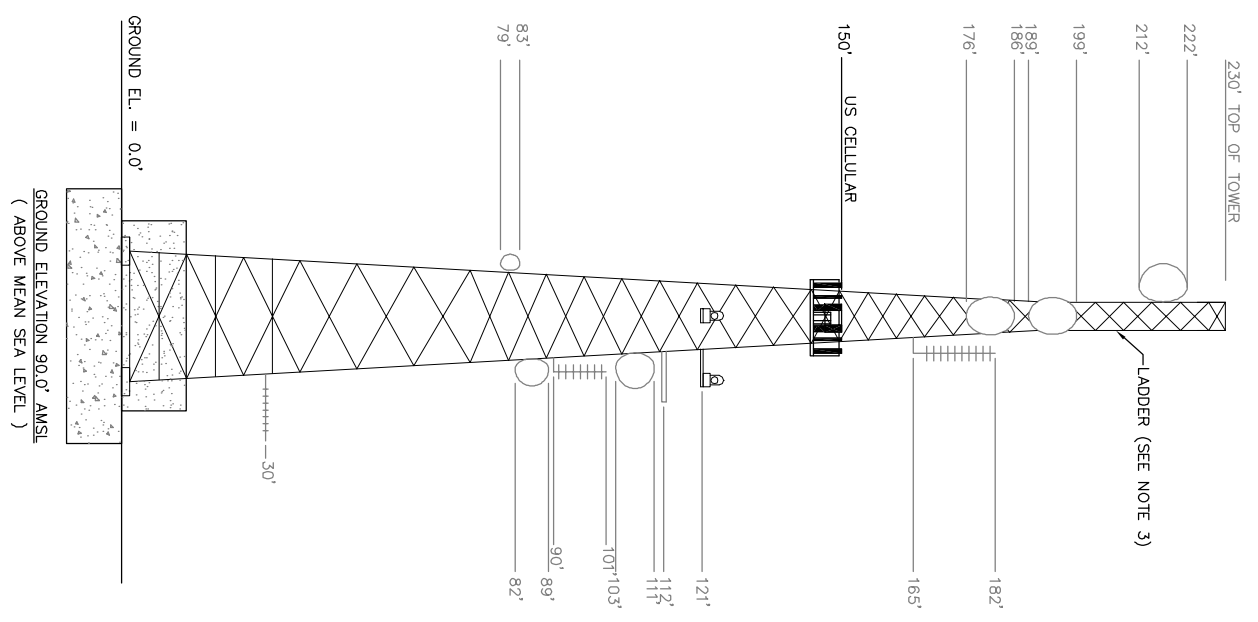
**DESIGNED BY:** MSD  
**CHECKED BY:** CBM  
**DATE:** 08/16/04  
**SCALE:** AS NOTED  
**PROJECT NO.:** 338.11.01

**FOR CONSTRUCTION**



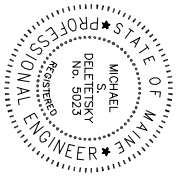
- NOTES:**
1. WAVEGUIDE CABLES SHALL BE RUN UP TOWER IN THREE WIDE TWO DEEP CONFIGURATION.
  2. EXISTING WAVEGUIDE CABLES NOT BEING USED SHALL BE REMOVED BY CONTRACTOR AFTER COORDINATION WITH LANDLORD AND US CELLULAR PERSONNEL.
  3. EXISTING LADDER SHALL BE TIGHTENED TO TOWER TO SATISFY STRUCTURAL REPORT CREATED BY ALL-POINTS TECHNOLOGY CORPORATION DATED AUGUST 9, 2004.

1 ANTENNA LOCATION PLAN  
SCALE: N.T.S.

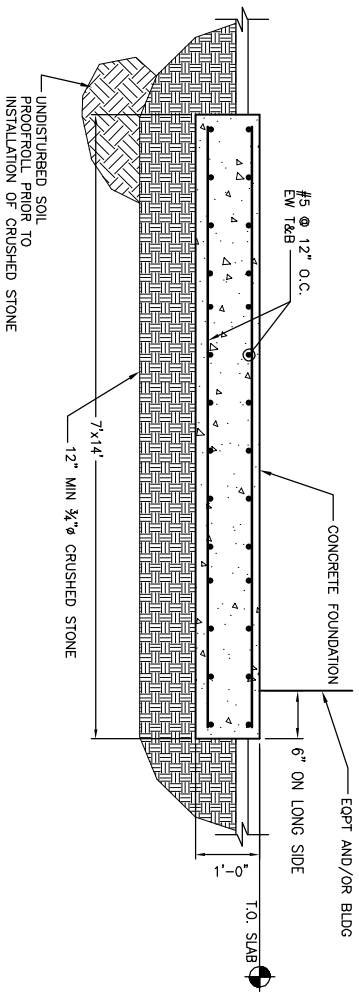


2 EXISTING TOWER ELEVATION  
SCALE: N.T.S.

THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34".  
IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.

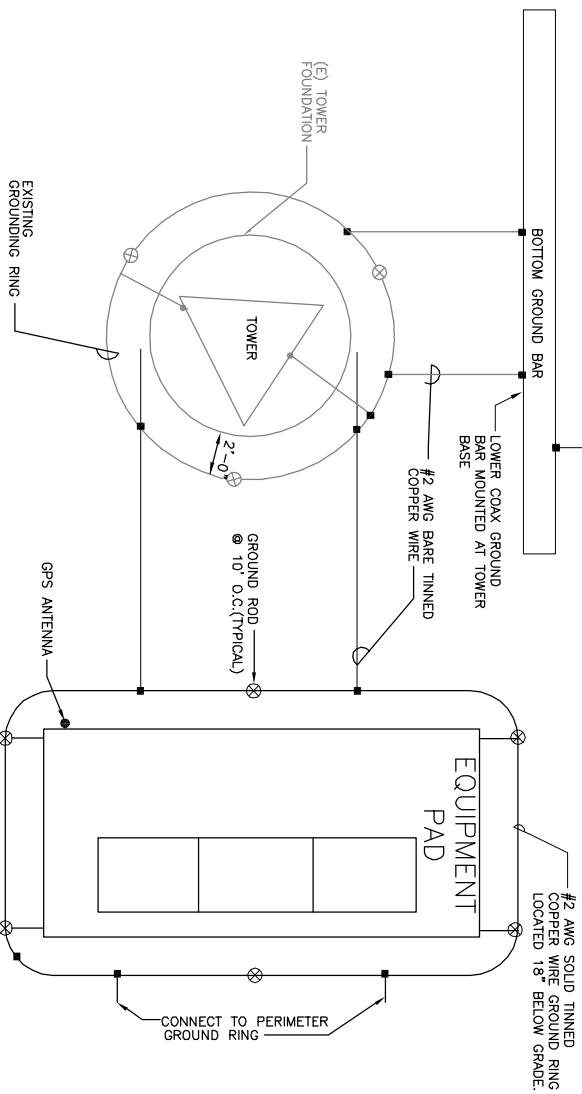
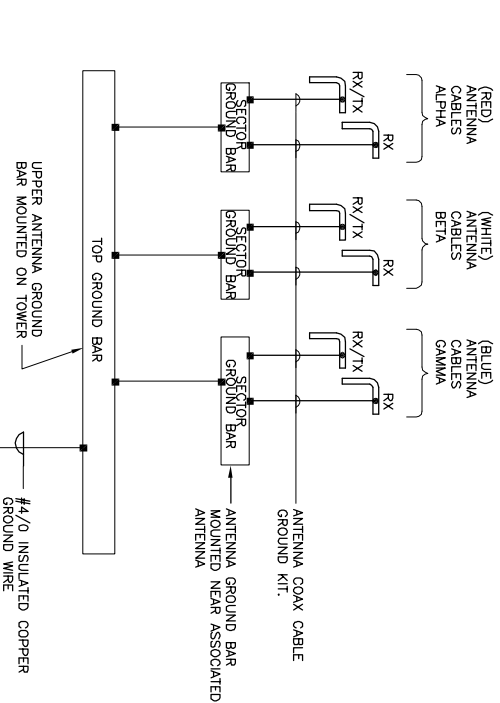


<b>REVISIONS</b> NO.   DESCRIPTION   DATE	<b>SITE NAME:</b> <b>WGME-13</b>	<b>OEST Associates, Inc.</b> 343 Gorham Road · South Portland, ME 04106 engineers · architects · surveyors · construction managers TEL: (207) 761-1770 FAX: (207) 774-1246 OEST PROJ. NO: 338.11.01	<p><b>U.S. Cellular</b> The way people talk around here. 288 Route 101, 2nd Floor, Bedford, NH 03110</p>
	<b>SITE NUMBER:</b> <b>853408</b>		
<b>ADDRESS:</b> <b>1335 WASHINGTON AVE</b> <b>PORTLAND, ME 04103</b>	<b>DRAWING TITLE:</b> <b>ANTENNA PLAN &amp; ELEVATION</b>		
<b>DATE:</b> 08/16/04	<b>SCALE:</b> AS NOTED	<b>PROJECT NO.:</b> 338.11.01	<b>DATE:</b> 08/16/04



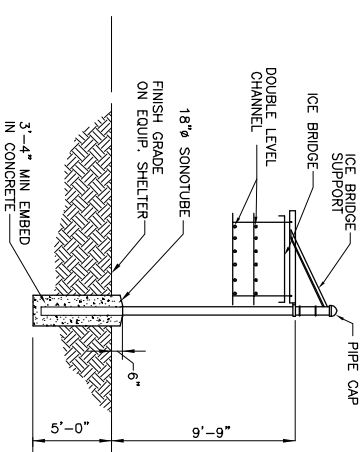
TYPICAL EQUIPMENT SHELTER FOUNDATION DETAIL

N.T.S.



GROUND RISER DIAGRAM

N.T.S. — GROUND CONNECTION



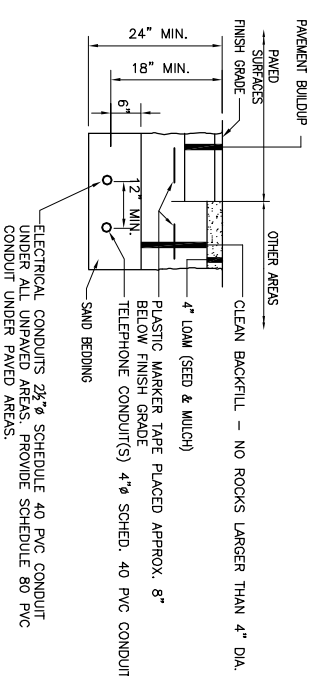
DESCRIPTION	VALMONT PART #
PIPE (12" EXPOSED)	B273 (Ø 5" O.C.)*
PIPE CAP	B1612
BRIDGE SUPPORT	B1211
BRIDGE (18")	B02204
COAX HANGER (SINGLE LEVEL HANGERS)	B02265@3" O.C.

* PROVIDE VALMONT B273X (12"-3 1/2" Ø POLE WITH BASE B) WHERE BRIDGE IS ON EXISTING CONCRETE SLAB. PROVIDE 2"-3/4" X 10" LONG HILTI HAS RODS. EMBED 6 1/2" INTO EXISTING CONCRETE WITH 1"-3/4" X 6 1/2" HVA EPOXY ANCHOR.

- NOTES:
1. TYPICAL HANGER KIT SHOWN. CONTRACTOR MAY REPLACE WITH EQUAL AS APPROVED BY CONSTRUCTION MANAGER.
  2. SEE COAXIAL CABLE BRIDGE NOTES SHEET G-1
  3. FOR BURIED LEDGE AT LESS THAN 3'-6" CORE LEDGE WITH 4'-1/2" X 8" DEEP HOLES & GROUITS. #5 REINFORCING STEEL WITH #3 TIES @ 6" O.C.

ICE BRIDGE DETAIL

N.T.S.



ELECTRICAL & TELEPHONE SERVICE TRENCH

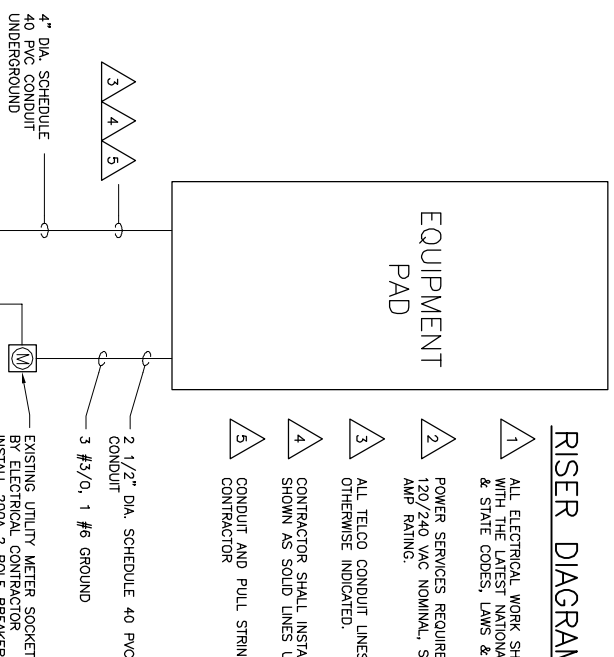
N.T.S.

RISER DIAGRAM SYMBOLS

1. ALL ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST NATIONAL ELECTRICAL CODE & ALL LOCAL & STATE CODES, LAWS & ORDINANCES.
2. POWER SERVICES REQUIREMENTS SHALL BE COMMERCIAL 120/240 VAC NOMINAL, SINGLE PHASE & 3 WIRE W/200 AMP RATING.
3. ALL TELCO CONDUIT LINES SHALL BE 4" CONDUIT UNLESS OTHERWISE INDICATED.
4. CONTRACTOR SHALL INSTALL ALL CONDUITS & WIRES AS SHOWN AS SOLID LINES UNLESS OTHERWISE INDICATED.
5. CONDUIT AND PULL STRING SHALL BE INSTALLED BY CONTRACTOR

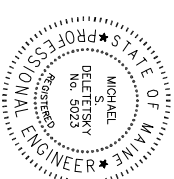
RISER DIAGRAM NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL COORDINATE ALL CONDUIT ROUTING WITH LOCAL UTILITY COMPANIES AND US CELLULAR CONSTRUCTION MANAGER.
2. UTILITY SERVICES SHOWN ARE PROPOSED. THE ELECTRIC CONTRACTOR SHALL COORDINATE ALL FERRULES AND ELECTRICAL SERVICE AND CONNECTION POINTS. ROUTING ASSOCIATED REQUIREMENTS AND BACK CHARGES WITH LOCAL UTILITY COMPANIES.
3. ALL CONDUITS ROUTED BELOW GRADE SHALL TRANSITION TO RIGID GALVANIZED ELBOWS WITH RIGID GALVANIZED STEEL CONDUIT ABOVE GRADE.
4. ALL METAL CONDUITS SHALL BE PROVIDED WITH GROUNDING BUSHINGS.
5. GENERAL CONTRACTOR SHALL PROVIDE ALL DIRECT BURIED CONDUITS WITH PLASTIC WARNING TAPE IDENTIFYING CONTENTS. TAPE COLORS SHALL BE ORANGE FOR TELEPHONE AND RED FOR ELECTRIC.



TELECOM & POWER RISER DIAGRAM

N.T.S.



THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.



**OEST Associates, Inc.**  
 343 Garham Road • South Portland, ME 04106  
 engineers • architects • surveyors • construction managers  
 TEL: (207) 761-1770  
 FAX: (207) 774-1246  
 OEST PROJ. NO: 338.11.01

SITE NAME: <b>WGME-13</b>		
SITE NUMBER: <b>8534.08</b>		
ADDRESS: <b>1335 WASHINGTON AVE PORTLAND, ME 0410</b>		
DRAWING TITLE: <b>SECTIONS AND DETAILS</b>		
NO.	DESCRIPTION	DATE

DESIGNED BY: <b>MSD</b>		DATE: <b>08/16/04</b>	
CHECKED BY: <b>CBM</b>		DATE: <b>AS NOTED</b>	
APPROVED BY: <b>MSD</b>		DATE: <b>3/30/11/01</b>	
DRAWING NO.: <b>D-1</b>			

## GENERAL

- COORDINATE THE STRUCTURAL WORK WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PIPING WORKS.
  - VERIFY ALL DIMENSIONS IN THE FIELD, DURING ERECTION AND CONSTRUCTION PHASES. PROVIDE NECESSARY SPACING AND TEMPORARY BRACING OF ALL STRUCTURAL MEMBERS AND ASSEMBLAGES. NOTIFY OEST OF ALL FIELD CHANGES OR DIMENSION DISCREPANCIES PRIOR TO FABRICATION OR ERECTION.
- ## CODES
- ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2000.
  - ADDITIONAL REFERENCED STANDARDS:
    - AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION – ALLOWABLE STRESS DESIGN 1989, 9TH EDITION
    - METAL BUILDING MANUFACTURERS ASSOCIATION (MBMA) 1986 LOW RISE BUILDING SYSTEMS MANUAL
    - AMERICAN CONCRETE INSTITUTE ACI 318-95 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
    - AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
    - AMERICAN SOCIETY OF CIVIL ENGINEERS ASCE 7-98 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES
  - ALL APPLICABLE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND THE AMERICANS WITH DISABILITIES ACT (ADA).

## CONCRETE AND REINFORCING STEEL

- ALL TOPSOIL AND ORGANIC MATERIAL SHALL BE REMOVED FROM BENEATH FOUNDATION AREAS.
  - SUBGRADE BELOW FOUNDATIONS SHALL BE COMPACTED TO AT LEAST 98% OF MAXIMUM DENSITY FROM ASTM D698 (STANDARD PROCTOR).
  - CONCRETE WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 301 AND ACI 318. CONCRETE STRENGTHS SHALL BE VERIFIED BY STANDARD 28-DAY CYLINDER TESTS, UNLESS AN ALTERNATE CONCRETE MIX DESIGN IS APPROVED. CONCRETE MIXES SHALL BE AS FOLLOWS:
    - CONCRETE SHALL HAVE 4000 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH.
    - MAXIMUM AGGREGATE SIZE SHALL BE 3/4" (ASTM C33/467).
    - CEMENT SHALL BE ASTM C150 TYPE I OR TYPE II
    - ALL STRUCTURAL CONCRETE SHALL BE AIR ENTRAINED (5.5 +/- 1.5%).
    - SLUMP SHALL BE 2" TO 4".
  - REINFORCING STEEL SHALL HAVE MINIMUM COVER PROTECTION AS FOLLOWS:
    - CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH:
      - CONCRETE EXPOSED TO EARTH OR WEATHER: 2"
      - CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
 

SLABS	1 1/2"
WALLS, JOISTS – #1 BAR AND SMALLER	3/4"
BEAMS, COLUMNS: PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS	1 1/2"
- STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING:
  - CONNECTION MATERIAL, EMBEDDED ITEMS, HOT ROLLED STRUCTURAL SHAPES, BASE PLATES AND MIS. STEEL: ASTM A36
  - STRUCTURAL TUBES ASTM A500 GRADE B
  - STEEL PIPE: ASTM A53, GRADE B
  - STRUCTURAL BOLTS ASTM A325-W U.N.O.
  - ANCHOR BOLTS ASTM A307 OR ASTM A36
  - THREADED RODS ASTM A36 OR ASTM A307
  - WELDING ELECTRODES E70XX

## STRUCTURAL AND MISCELLANEOUS STEEL

- STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AISC – SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS – ALLOWABLE STRESS DESIGN, JUNE 1, 1989 (9TH EDITION).
- HIGH STRENGTH BOLTS SHALL BE IN ACCORDANCE WITH AISC – SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR 490 BOLTS, NOVEMBER 13, 1985.
- WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USE AWS PREQUALIFIED JOINT DETAILS.
- STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING:

## GROUNDING NOTES:

- ALL DETAILS ARE SHOWN DIAGRAMMATICALLY. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
- ALL GROUND WIRE SHALL BE BARE TINNED COPPER #2 AWG UNLESS OTHERWISE NOTED.
- ALL GROUND WIRES SHALL PROVIDE A STRAIGHT, DOWNWARD PATH TO GROUND WITH GRADUAL BENDS AS REQUIRED. GROUND WIRES SHALL NOT BE LOOPED OR SHARPLY BENT.
- ELECTRICAL CONTRACTOR SHALL COORDINATE CONNECTIONS TO EXISTING GROUND RINGS WITH SITE CONSTRUCTION MANAGER.
- ANTENNA GROUND KITS SHALL BE FURNISHED BY US CELLULAR AND INSTALLED BY CONTRACTOR.
- GROUND SYSTEM SHALL BE TESTED AND SHALL HAVE A RESISTANCE OF 5 OHMS OR LESS.

## EROSION AND SEDIMENT CONTROL PLAN

THIS PLAN HAS BEEN DEVELOPED TO PROVIDE A STRATEGY FOR CONTROLLING SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROPOSED DEVELOPMENT.

## GENERAL CONSTRUCTION DETAILS

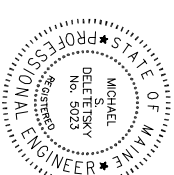
- THE EQUIPMENT ANTICIPATED TO BE USED FOR THE CONSTRUCTION INCLUDES THE FOLLOWING: BACKHOES, BULLDOZERS, LOADERS, TRUCKS, GRADERS, COMPACTORS, AND GRADERS. THE FOLLOWING MEASURES WILL BE UNDERTAKEN TO PROVIDE MAXIMUM PROTECTION TO THE SOIL, WATER, AND ADJUTING LANDS:
- PRIOR TO GRUBBING OR ANY EARTHMOVING OPERATION, SITUATION FENCE WILL BE INSTALLED ACROSS THE SLOPE ON THE CONTOUR AT THE DOWNHILL LIMIT OF THE WORK AS PROTECTION AGAINST CONSTRUCTION RELATED EROSION.
  - STONE CHECK DAMS WILL BE INSTALLED IN THE DRAINAGE SWALES TO PREVENT EROSION PRIOR TO THE STABILIZATION OF THE CHANNELS. EROSION CONTROL MESH WILL ALSO BE INSTALLED IN ALL DITCH TO BE REVEGETATED.
  - PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY DISTURBED LAND AREA WILL BE COMPLETED WITHIN FIFTEEN CALENDAR DAYS AFTER FINAL GRADING HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE OR PRACTICAL TO PERMANENTLY STABILIZE DISTURBED LAND, TEMPORARY EROSION CONTROL MEASURES WILL BE IMPLEMENTED WITHIN THIRTY CALENDAR DAYS OF EXPOSURE OF SOIL. ALL DISTURBED AREAS WILL BE WATCHED FOR EROSION CONTROL. UPON COMPLETION OF ROUGH GRADING.

## SEEDING AND REVEGETATION PLAN

- UPON COMPLETION OF SITE CONSTRUCTION, ALL AREAS PREVIOUSLY DISTURBED WILL BE TREATED AS STATED BELOW. THESE AREAS WILL BE CLOSELY MONITORED BY THE CONTRACTOR UNTIL SUCH TIME AS A SATISFACTORY GROWTH OF VEGETATION IS ESTABLISHED.
- LOAM WILL BE SPREAD OVER ALL DISTURBED AREAS AND GRADED TO A UNIFORM DEPTH OF 4 INCHES.
  - THE FOLLOWING WILL BE INCORPORATED INTO THE SOIL PRIOR TO SEEDING: AGRICULTURAL LIMESTONE AT THE RATE OF 130 POUNDS PER 1,000 SQUARE FEET, FOLLOWED BY 10-10-10 FERTILIZER AT THE RATE OF 14 POUNDS PER 1,000 SQUARE FEET.
  - DISTURBED AREAS WILL BE SEEDED AT THE RATE OF 100 LBS./ACRE OF MUDT FORK MIXTURE AND 20 LBS./ACRE OF GROWN VETCH.
  - SEEDING WILL BE COMPLETED BETWEEN THE DATES OF APRIL 1 AND SEPTEMBER 15. WATERING MAY BE REQUIRED DURING DRY PERIODS.
  - HAY MULCH WILL BE APPLIED AT THE RATE OF 100 LBS. PER 1,000 SQ. FT. FOLLOWING SEEDING.
  - ALL SEDIMENT CONTROL STRUCTURES WILL REMAIN IN PLACE UNTIL VEGETATION IS ESTABLISHED. ESTABLISHED MEANS A MINIMUM OF 75% OF THE AREA IS VEGETATED WITH VIGOROUS GROWTH.

## COAXIAL –CABLE BRIDGE NOTES

- ALL BRIDGE KITS SHALL BE INSTALLED AS PER THE MANUFACTURERS RECOMMENDATIONS.
- STRUCTURAL STEEL SHALL BE ASTM A36. PIPE SHALL BE ASTM A53, GRADE B (SEAMLESS)
- EXTERIOR STEEL SHALL BE HOT-DIP GALVANIZED. AFTER FABRICATION AND SHIPPING TO SITE ALL SURFACES SHALL BE EITHER A53B STEEL, GALVANIZED TO ASTM A153, OR 18-8 STAINLESS.
- SIZE, NUMBER AND POSITION OF COAXIAL CABLES MAY VARY.
- POSITION BRIDGE ASSEMBLY SO THAT COAXIAL CABLES INTERSECT AT LADDER CENTERLINE. HEIGHT ABOVE GROUND MAY VARY ACCORDING TO SITE LAYOUT.
- FOUNDATION SHALL BE 18" DIAM. SONDTUBE 60" DEEP BELOW GRADE AND 6" ABOVE GRADE FILLED WITH 4000 PSI CONCRETE WITH 3/4"Ø MAXIMUM AGGREGATE.



THIS DRAWING WAS CREATED FOR A FULL SIZE OF 22"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.

SITE NAME: <b>WGME-13</b>		<b>OEST Associates, Inc.</b> 343 Gorham Road · South Portland, ME 04106 engineers · architects · surveyors · construction managers TEL: (207) 761-1770 FAX: (207) 774-1246 OEST PROJ. NO: 338.11.01
SITE NUMBER: <b>8534.08</b>		
ADDRESS: <b>1335 WASHINGTON AVE                  PORTLAND, ME 04103</b>		DRAWING TITLE: <b>GENERAL NOTES</b>
NO. DESCRIPTION DATE		
REVISIONS		O FOR CONSTRUCTION
DATE		
PROJECT NO: <b>MSD 08/16/04</b>	DRAWN BY: <b>CBM</b>	CHECKED BY: <b>MSD</b>
DATE: <b>08/16/04</b>	AS NOTED	
PROJECT NO.: <b>338.11.01</b>	DATE:	DRAWING NO.:

**U.S. Cellular**  
 The way people talk around here.  
 288 Route 101, 2nd Floor, Bedford, NH 03110