

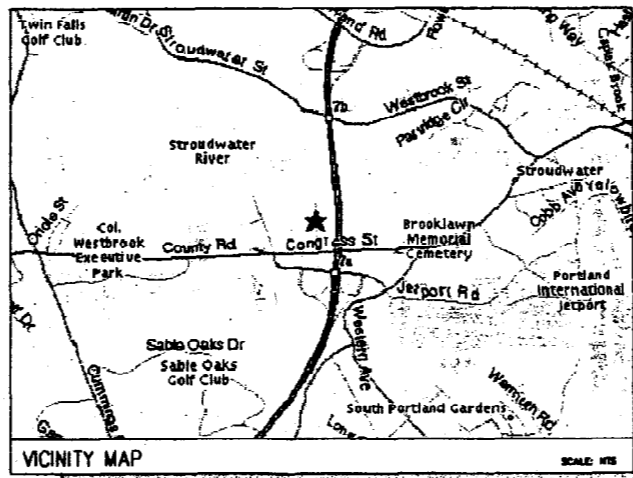


# U.S. Cellular

The way people talk around here.™

**SITE NAME:** BLUEBERRY ROAD  
**SITE NO.** 853327  
**LATITUDE:** 43° 39' 20.48"  
**LONGITUDE:** 70° 20' 02.48"

<b>SITE NUMBER:</b>	853327
<b>SITE NAME:</b>	BLUEBERRY ROAD
<b>TOWER TYPE:</b>	208' SMOKESTACK (EXISTING)
<b>SITE ADDRESS:</b>	64 BLUEBERRY ROAD PORTLAND, ME 04102
<b>PROPERTY OWNER:</b>	REGIONAL WASTE SYSTEMS 64 BLUEBERRY ROAD PORTLAND, ME 04102
<b>MAP &amp; LOT:</b>	238/A-B
<b>APPLICANT:</b>	U.S. CELLULAR c/o LCC 482 CONGRESS STREET, SUITE 502 PORTLAND, MAINE 04101
<b>PROJECT SUMMARY</b>	



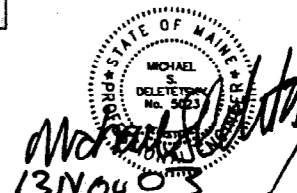
**DIRECTIONS**  
 FROM PORTLAND INTERNATIONAL JETPORT: FROM AIRPORT TAKE THE ACCESS ROAD AROUND THE PARKING GARAGE UNTIL YOU COME TO A STOP SIGN. TAKE A RIGHT AND PROCEED (.6 MILES) OUT TO ROUTE 22 (OUTER CONGRESS STREET). TAKE A LEFT ONTO ROUTE 22 AND BEAR RIGHT (.1 MILES) AT THE INTERSECTION. CONTINUE ON ROUTE 22 (.5 MILES) AND TAKE A RIGHT ONTO BLUEBERRY ROAD. ABOUT .2 MILES DOWN TAKE A LEFT AND BEAR RIGHT INTO THE PLANT AREA. THE SMOKESTACK IS AROUND BACK.

SHEET NO.	DESCRIPTION	DATE	REV. NO.
T-1	TITLE SHEET	10/08/03	0
C-1	PLOT PLAN	10/08/03	0
C-2	SITE PLAN	10/08/03	0
C-3	ANTENNA PLAN & ELEVATION	10/08/03	0
D-1	SECTIONS AND DETAILS	10/08/03	0
S-1	STRUCTURAL DETAILS	10/08/03	0
G-1	GENERAL NOTES	10/08/03	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.

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 TEL: (207) 761-1770  
 FAX: (207) 774-1248  
 OEST PROJ. NO: 390.51.01

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**U.S. Cellular, Inc.**  
 133 Eastern Road, South Portland, ME 04106  
 Engineers • Architects • Surveyors • Planners

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**PROJECT:** BLUEBERRY ROAD  
**SITE NUMBER:** 853327  
**ADDRESS:** 64 BLUEBERRY ROAD  
**DRAWING TITLE:** TITLE SHEET

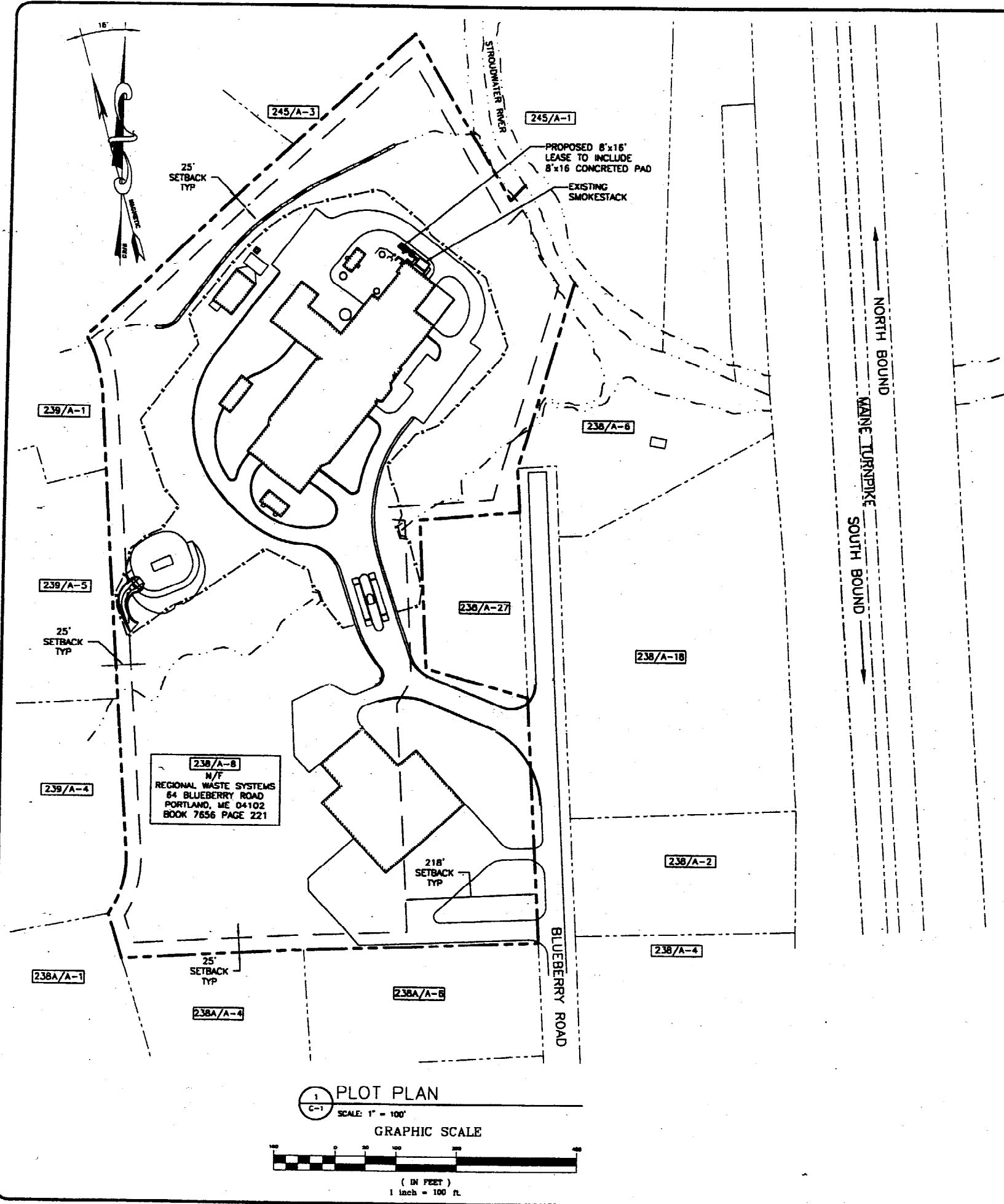
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REVISIONS		
No.	Description	DATE
0	FOR CONSTRUCTION	08/23

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Drawn by: MSD DATE: 10/08/03  
 Check by: BJB SCALE: AS NOTED  
 Created by: MSD PROJECT NO: 390.51.01  
 Drawing No.:

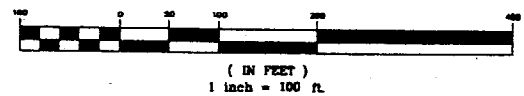
T-1



238/A-8  
N/A  
REGIONAL WASTE SYSTEMS  
64 BLUEBERRY ROAD  
PORTLAND, ME 04102  
BOOK 7656 PAGE 221

**1 PLOT PLAN**

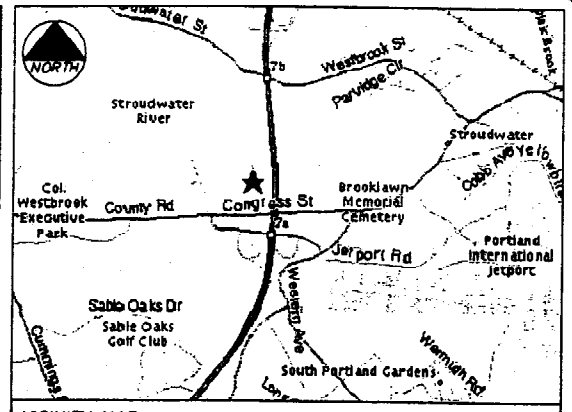
SCALE: 1" = 100'  
GRAPHIC SCALE



LIST OF ABUTTERS		
CITY OF PORTLAND		
MAP/LOT	RECORD OWNER	ADDRESS
238/A-2	BLUEBERRY ROAD LLC	43 HARDY RD FALMOUTH, ME 04105
238/A-4	UNIM CORP	2211 CONGRESS ST PORTLAND, ME 04102
238/A-6	CITY OF PORTLAND	389 CONGRESS ST PORTLAND, ME 04101
238/A-18	STURBRIDGE YANKEE WORKSHOP INC	90 BLUEBERRY RD PORTLAND, ME 04102
238/A-27	CADCAM ASSOCIATES	41 HUTCHINS DR PORTLAND, ME 04102
238A/A-4	2301 CONGRESS REALTY LLC	2301 CONGRESS ST PORTLAND, ME 04102
238A/A-6	THEODORE LOGAN & SON INC	871 CONGRESS ST PORTLAND, ME 04104
238/A-1	SPRING HARBOR HOSPITAL	175 RUNNING HILL RD SOUTH PORTLAND, ME 04106
238/A-4	SURVIEW ASSOCIATES LIMITED PARTNERSHIP	ONE CITY CENTER PORTLAND, ME 04101
238/A-5	ARROW REALTY	34 DIAMOND ST PORTLAND, ME 04101
245/A-1	SMON A. SNYDER & JASON A JTS	528 STROUDWATER ST WESTBROOK, ME 04092

ZONING INFORMATION	
ZONING DISTRICT:	INDUSTRIAL MODERATE IMPACT (IM)
MINIMUM STREET FRONTAGE:	80 FEET
FRONT YARD SETBACK:	1 FOOT FOR EVERY FOOT OF BUILDING HEIGHT
SIDE YARD SETBACK:	25 FEET
REAR YARD SETBACK:	25 FEET
MINIMUM LOT SIZE:	N/A

**PLAN REFERENCE**  
1. PLAN ENTITLED "GENERAL ARRANGEMENT GROUND FLOOR PLAN" DATED MAY 2, 1986



**GENERAL NOTES**

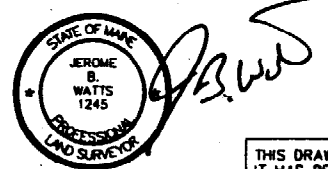
1. DATES OF FIELD SURVEY: OCTOBER, 2003
2. SITE NAME: BLUEBERRY ROAD
3. SITE NUMBER: 853327
4. SITE ADDRESS: 64 BLUEBERRY ROAD PORTLAND, ME 04102 CUMBERLAND COUNTY
5. OWNER: REGIONAL WASTE SYSTEMS 64 BLUEBERRY ROAD PORTLAND, ME 04102 CUMBERLAND COUNTY
6. APPLICANT: U.S. CELLULAR c/o LCC 482 CONGRESS STREET, SUITE 502 PORTLAND, MAINE 04101
7. JURISDICTION: PORTLAND, MAINE
8. ZONING DISTRICT: INDUSTRIAL MODERATE IMPACT (IM)
9. TAX IDENTIFICATION: MAP 238 LOT A-8 DEED BOOK/PAGE: 7656/221
10. VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929, (MEAN SEA LEVEL).
11. HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
12. CENTER OF EXISTING TOWER: LATITUDE: 43° 39' 20.48" N (NAD 83) LONGITUDE: 70° 20' 02.48" W (NAD 83) GROUND EL. = 40.0'±
13. BEARINGS ARE BASED ON MAINE STATE GRID COORDINATE SYSTEM, WEST ZONE, (NAD83).
14. 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.
15. PROPERTY IS LOCATED IN FLOOD ZONE "C" AS SHOWN ON FLOOD INSURANCE RATE MAP IN THE CITY OF PORTLAND MAINE, CUMBERLAND COUNTY PANEL 12 OF 17, COMMUNITY PANEL NUMBER 230051-0012B EFFECTIVE DATE JULY 17, 1986. ZONE C IS AN AREA OF MINIMAL FLOODING.

**FAA CERTIFICATION - 1A**

I HEREBY CERTIFY THAT THE LATITUDE, LONGITUDE, AND ELEVATIONS PRESENTED HEREON MEETS THE REQUIREMENTS OF THE FAA WITH THE FOLLOWING ACCURACIES:  
+/- THREE (3) FEET VERTICALLY  
+/- FIFTEEN (15) FEET HORIZONTALLY

*J.B. Watts*  
JEROME B. WATTS  
LICENSED LAND SURVEYOR #1245

DATE: 11/13/2003



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.

LEGEND	
—	PROPERTY LINE
○	IRON PIPE FOUND (AS NOTED)
●	S/B REBAR SET
⊕	UTILITY POLE
□	GRANITE MONUMENT FOUND
- - -	ZONING BOUNDARY LINE

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.

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**CEST Associates, Inc.**  
343 Galloway Road - South Portland, ME 04106  
Tel: (207) 781-1770  
Fax: (207) 774-1248  
CEST PROJ. NO. 390.51.01

---

**BLUEBERRY ROAD**  
SITE NUMBER: 853327  
ADDRESS: 64 BLUEBERRY ROAD  
DRAWING TITLE: PLOT PLAN

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REVISIONS		
NO.	DESCRIPTION	DATE

---

DESIGNED BY: MSD DATE: 10/08/03  
DRAWN BY: BJB SCALE: AS NOTED  
CHECKED BY: MSD PROJECT NO: 390.51.01  
DRAWN BY: MSD

C-1

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 345 Goshen Road - South Portland, ME 04086  
 TEL: (207) 781-1770  
 FAX: (207) 774-1248  
 OEST PROJ. NO. 390.51.01

SITE NAME: BLUEBERRY ROAD  
 SITE NUMBER: 853327  
 ADDRESS: 64 BLUEBERRY ROAD  
 DRAWING TITLE: SITE PLAN

NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	

DESIGNED BY	MSD	10/08/03
CHECKED BY	BUB	AS NOTED
DRAWN BY	MSD	390.51.01

C-2

**LEGEND**

---	PROPERTY LINE
---	ADJUTING PROPERTY LINE
○	IRON PIN FOUND (AS NOTED)
○	UTILITY POLE
---	EXISTING CONTOUR
---	STONE WALL
---	EXISTING TREE LINE

**DESCRIPTION OF LEASE AREA**

LEGAL DESCRIPTION - LEASE PARCEL

A CERTAIN PARCEL OF LAND LOCATED NORTHWESTERLY OF BLUEBERRY ROAD, IN THE CITY OF PORTLAND, CUMBERLAND COUNTY, MAINE, AND LYING WITHIN LAND OF THE GRANTOR(S), AS DESCRIBED IN BOOK 7856, PAGE 221, BOUNDED AND DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT MARKING THE EASTERLY CORNER OF THE FOLLOWING DESCRIBED LEASE, LOCATED N56°13'23"W, 23.05 FEET FROM THE MOST NORTHERLY CORNER OF THE SMOKESTACK FOUNDATION;

THENCE, S37°28'05"W, 8.00 FEET TO A CORNER OF A CONCRETE PAD;

THENCE, N52°33'55"W, 16.00 FEET TO A CORNER OF A CONCRETE PAD;

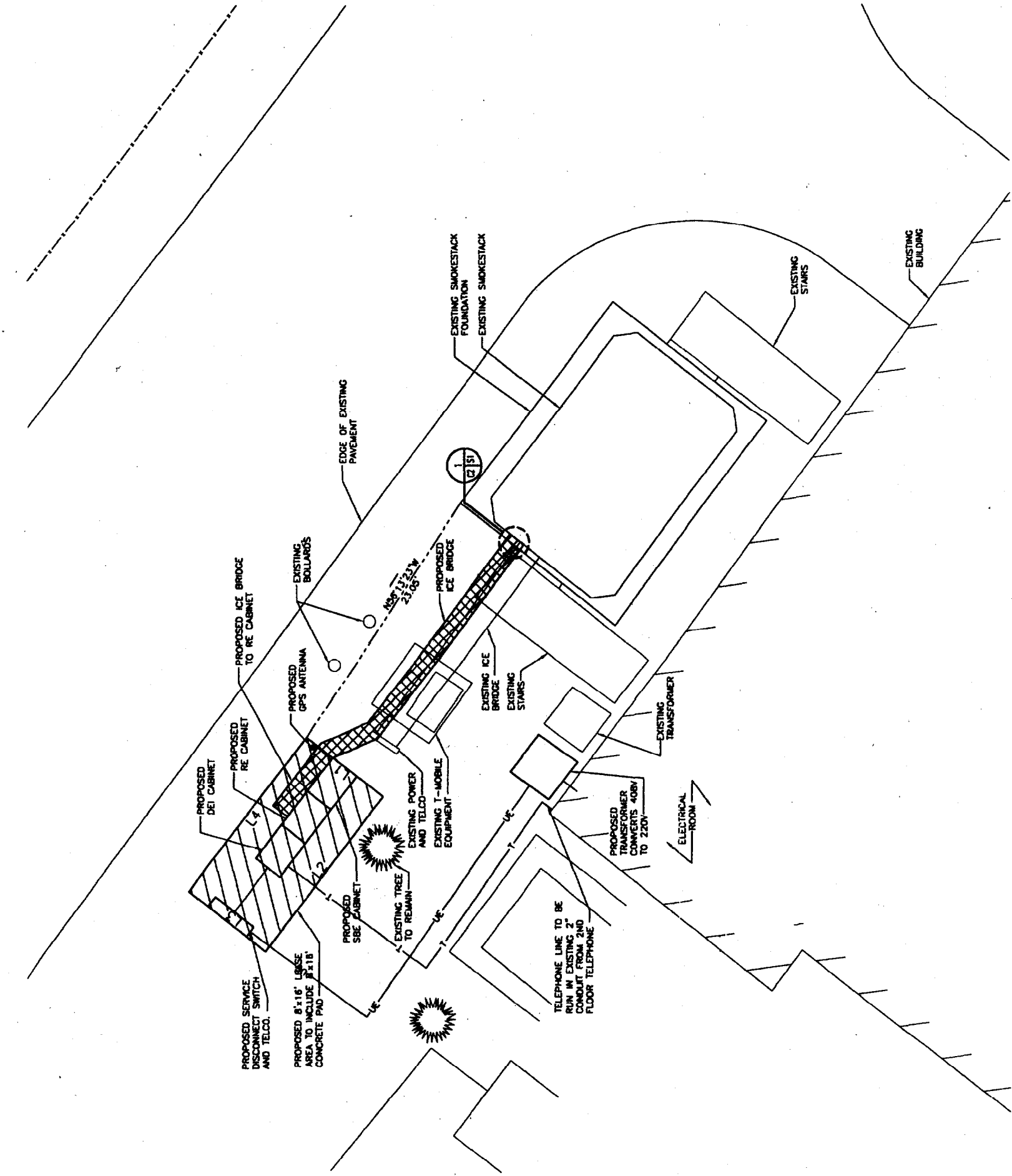
THENCE, N37°28'05"E, 8.00 FEET TO A CORNER OF A CONCRETE PAD;

THENCE, S52°33'55"E, 16.00 FEET TO THE POINT OF BEGINNING.

THE ABOVE DESCRIBED PARCEL CONTAINS 128± SQUARE FEET. BEARINGS ARE BASED ON MAINE STATE GRID COORDINATE SYSTEM, WEST ZONE. (MAD 83).

**LEASE AREA TABLE**

LINE	BEARING	DISTANCE
L1	S37°28'05"W	8.0'
L2	N52°33'55"W	16.0'
L3	N37°28'05"E	8.0'
L4	S52°33'55"E	16.0'



*Grants*

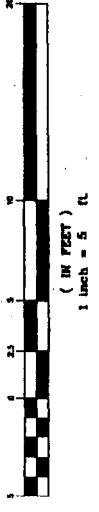
*revised*

*10/10/03*



1 SITE PLAN  
 C-2 SCALE: 1" = 5'

GRAPHIC SCALE



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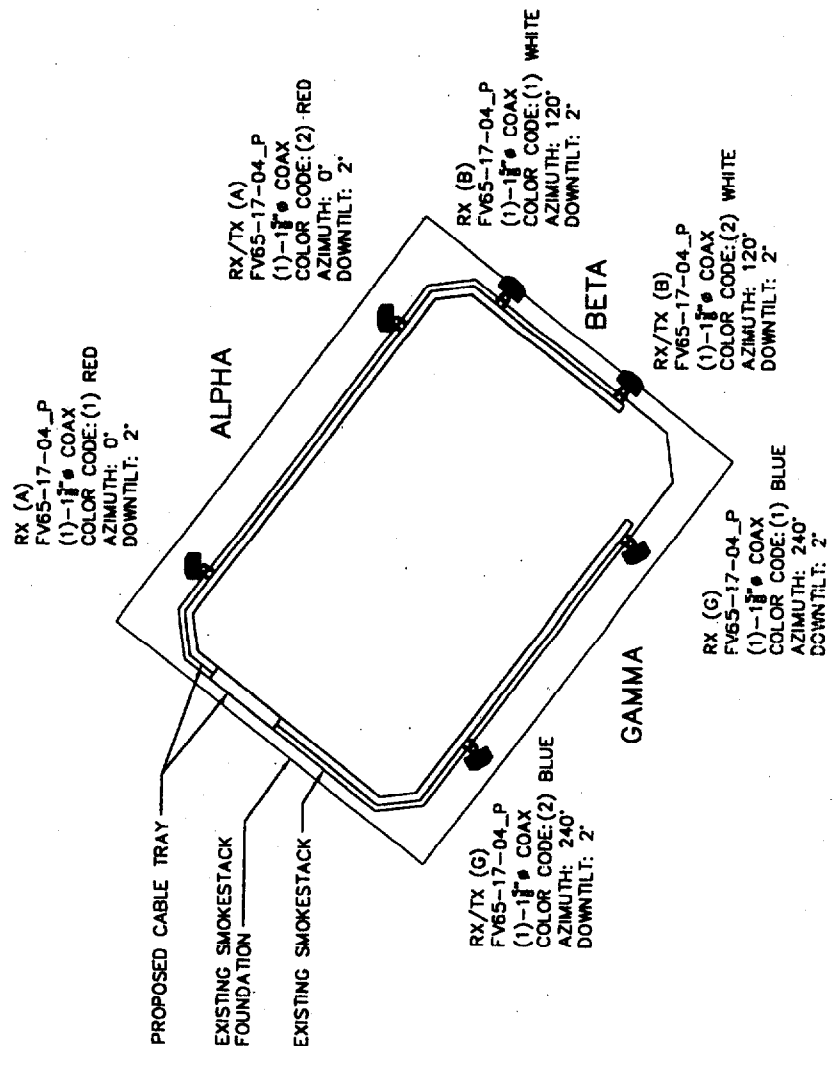
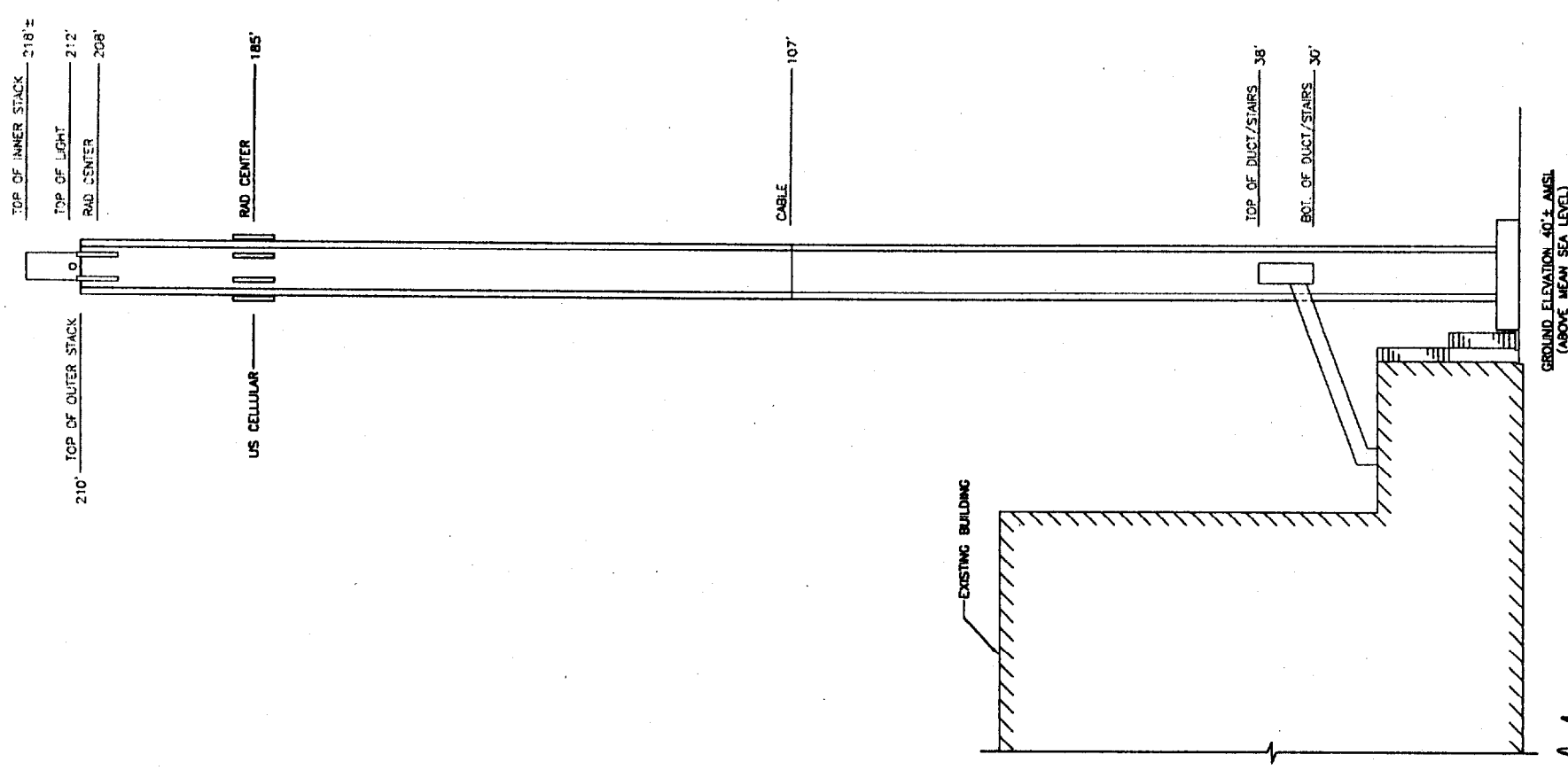
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343 Cotton Road, South Portland, ME 04086  
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FAX: (207) 774-1248  
CEST PROJ. NO. 580.51.01

NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	10/08/03

PROJECT NO.	MSD
DATE	10/08/03
SCALE	AS NOTED
PROJECT	MSD
DATE	10/08/03
PROJECT	MSD
DATE	10/08/03

C-3



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

SECTOR	ANTENNA TYPE	AZIMUTH	DOWNTILT	CABLE LENGTH	RX/TX	COAX	COLOR CODE
ALPHA	FV65-17-04_P	0°	2°	230'	RX (A)	1-5/8"	(1) RED
					RX/TX (A)	1-5/8"	(2) RED
BETA	FV65-17-04_P	120°	2°	240'	RX (B)	1-5/8"	(1) WHITE
					RX/TX (B)	1-5/8"	(2) WHITE
GAMMA	FV65-17-04_P	240°	2°	230'	RX (G)	1-5/8"	(1) BLUE
					RX/TX (G)	1-5/8"	(2) BLUE



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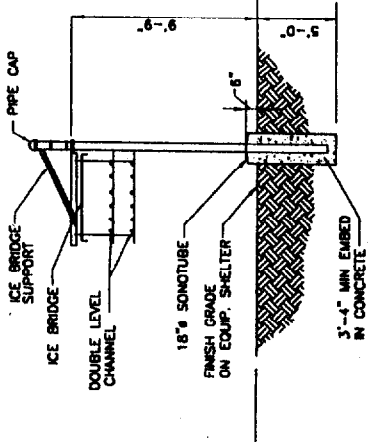
PROJECT NO.	390.51.01
DATE	10/08/03
REVISIONS	
NO.	DESCRIPTION
1	FOR CONSTRUCTION
DRAWING TITLE: 64, BLUEBERRY ROAD	
ADDRESS: BLUEBERRY LANE	
SHEET NUMBER	05327
SHEET TOTAL	05327
DATE	10/08/03
BY	B.J.B.
CHECKED BY	AS NOTED
SCALE	AS NOTED
PROJECT NO.	390.51.01

D-1  
THIS DRAWING WAS CREATED FOR A FULL SIZE OF 27"x34". IT HAS BEEN REDUCED 50% FOR SUBMISSION PURPOSES.



DESCRIPTION	VALUANT PART #
PIPE (12" EXPOSED)	B273 (@10" O.C.)
PIPE CAP	B1812
BRIDGE SUPPORT	B1211
BRIDGE (18")	B02204
COAX HANGAR (SINGLE LEVEL HANGAR)	B022E303" O.C.

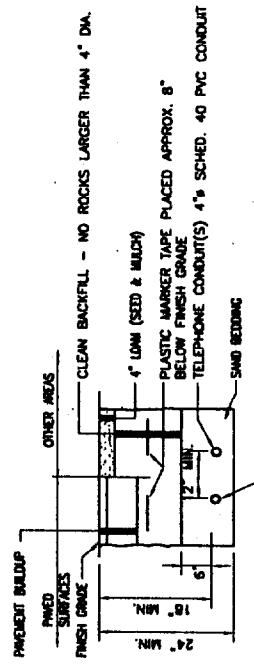
\* PROVIDE VALUANT B273X (12"-35% POLE WITH BASE @) WHERE BRIDGE IS ON EXISTING CONCRETE SLAB. PROVIDE 2"-3/4" LONG HILT HAS RODS. EMBED 6" INTO EXISTING CONCRETE WITH 1"-3/8" DIA. HVA EPOXY ANCHOR.



- NOTES:
1. TYPICAL HANGAR NOT SHOWN. CONTRACTOR MAY REPLACE WITH EQUAL AS APPROVED BY CONSTRUCTION MANAGER.
  2. SEE COAXIAL CABLE BRIDGE NOTES SHEET 0-1
  3. FOR BURIED LEDGE AT LESS THAN 3'-6". CORE LEDGE WITH 4"-3/8" DIA. DEEP HOLES & GROUT. #3 REINFORCING STEEL WITH #3 TIES @ 6" O.C.

**ICE BRIDGE DETAIL**

N.T.S.

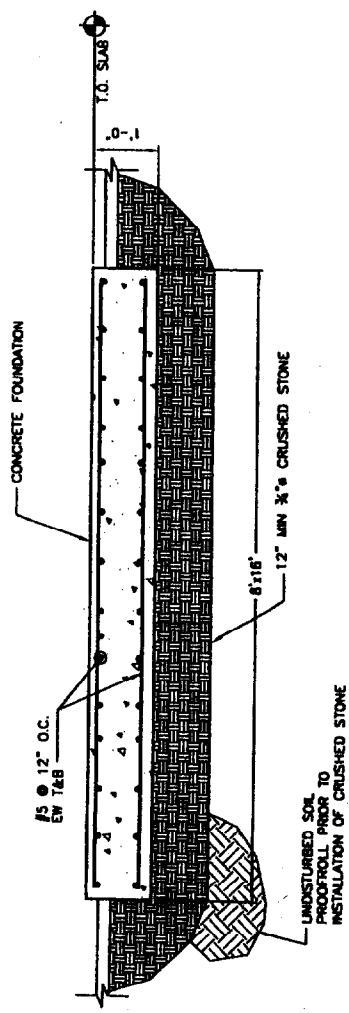


ELECTRICAL CONDUITS 25% SCHEDULE 40 PVC CONDUIT UNDER ALL UNPAVED AREAS. PROVIDE SCHEDULE 80 PVC CONDUIT UNDER PAVED AREAS.

**TYPICAL SECTION**

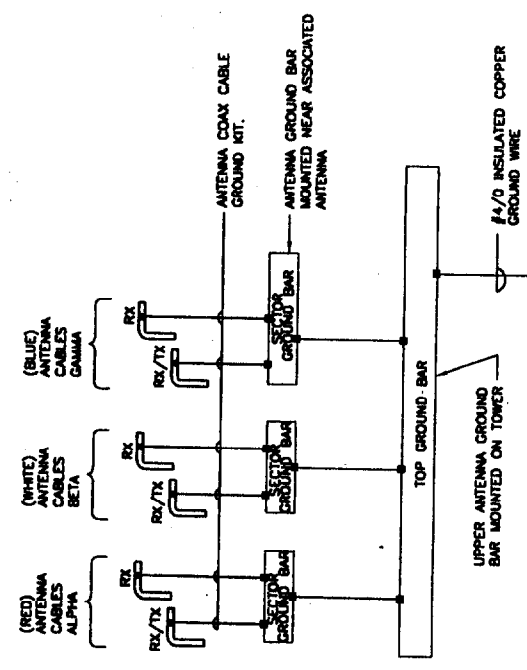
**ELECTRICAL & TELEPHONE SERVICE TRENCH**

N.T.S.



**TYPICAL EQUIPMENT SHELTER FOUNDATION DETAIL**

N.T.S.



**GROUND RISER DIAGRAM**

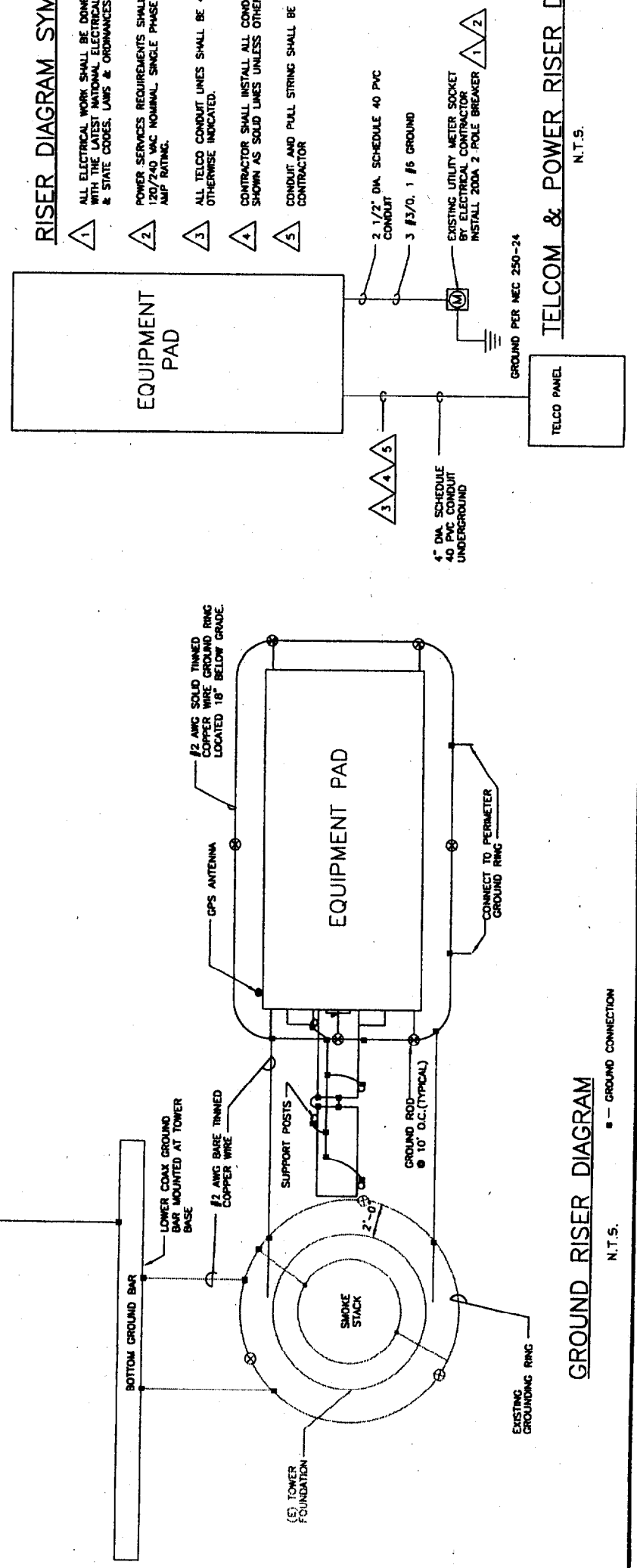
N.T.S.

**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 UNITS 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 EXACT TELEPHONE AND ELECTRIC SERVICE 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.



**EQUIPMENT PAD & POWER RISER DIAGRAM**

N.T.S.

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 OEST PROJ. NO. 390.51.01

BLUEBERRY ROAD  
 853327  
 64 BLUEBERRY ROAD  
 STRUCTURAL DETAILS

NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	

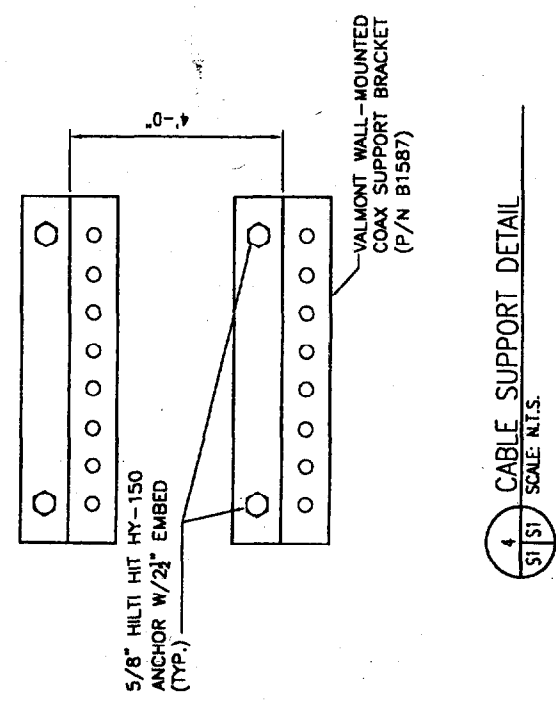
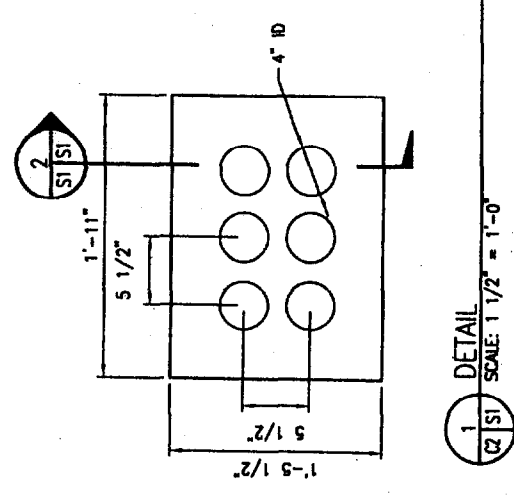
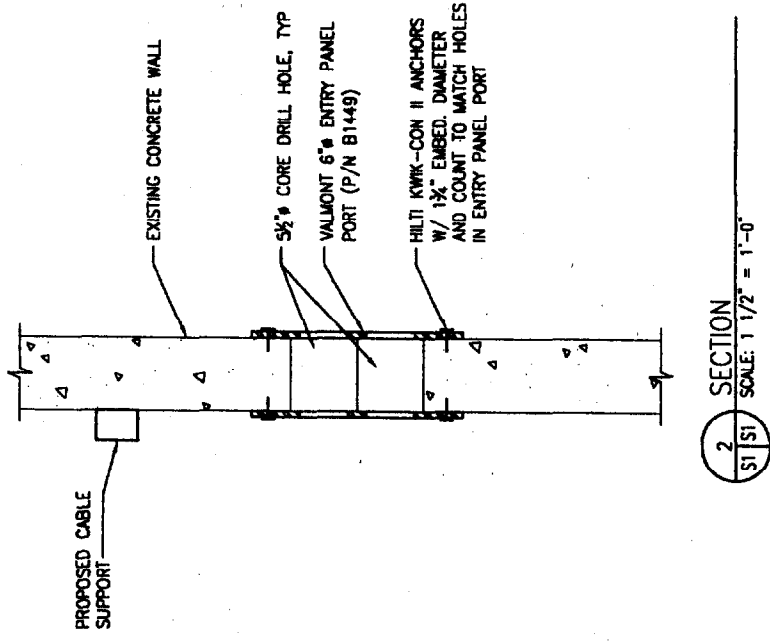
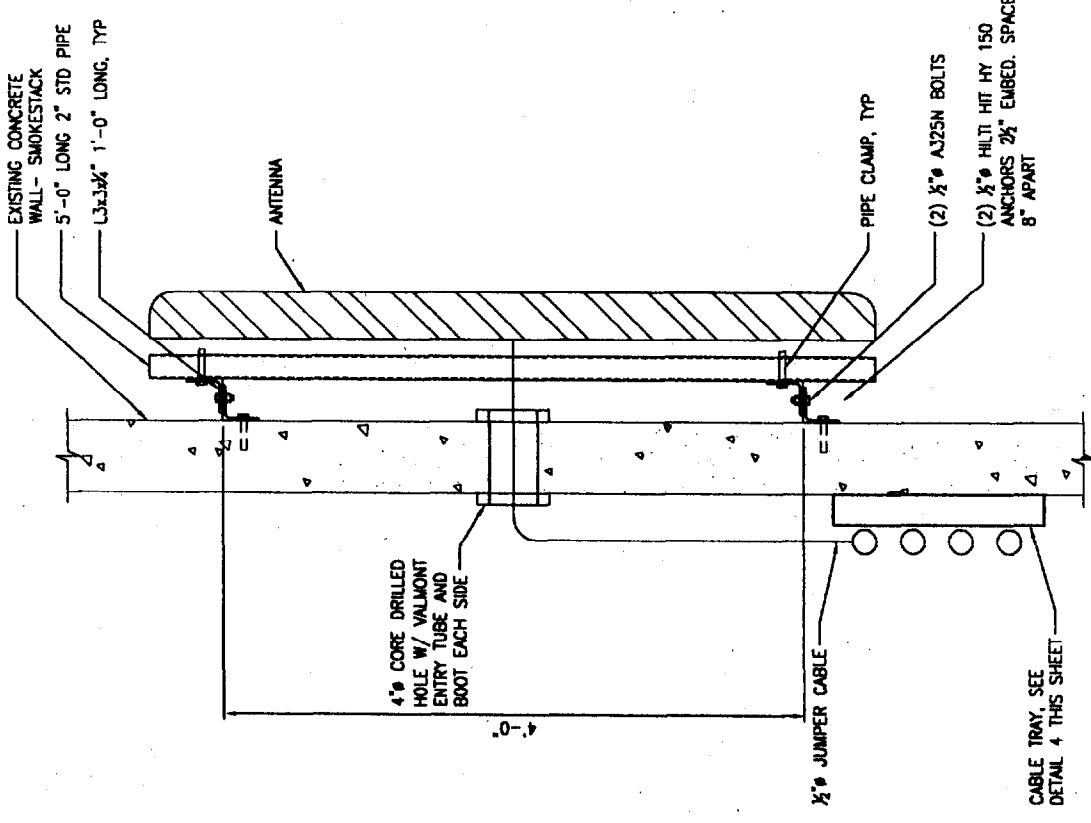
  

DATE	10/08/03
DRAWN BY	MSD
CHECKED BY	MSD
DESIGNED BY	MSD
AS NOTED	
PROJECT NO.	590.51.01

S-1

STATE OF MAINE  
 PROFESSIONAL ENGINEER  
 MICHAEL S. DELETERY  
 No. 5033  
 PROJECT NO. 590.51.01  
 M. Deletery

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



## 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 ADEQUATE SHORING AND TEMPORARY BRACING OF ALL STRUCTURAL COMPONENTS 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) 1988 LOW RISE BUILDING SYSTEMS MANUAL
- AMERICAN CONCRETE INSTITUTE ACI 318-85 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 7-88 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 95% OF MAXIMUM DENSITY FROM ASTM D988 (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:
  - A. CONCRETE SHALL HAVE 4000 PSI MINIMUM 28 DAY COMPRESSIVE STRENGTH.
  - B. MAXIMUM AGGREGATE SIZE SHALL BE 3/4" (ASTM C33/487).
  - C. CEMENT SHALL BE ASTM C150 TYPE I OR TYPE II
  - D. ALL STRUCTURAL CONCRETE SHALL BE AIR ENTRAINED (5.5 +/- 1.5%).
  - E. SLUMP SHALL BE 2" TO 4".
- REINFORCING STEEL SHALL HAVE MINIMUM COVER PROTECTION AS FOLLOWS:
  - A. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH: 3"
  - B. CONCRETE EXPOSED TO EARTH OR WEATHER: 2"
  - C. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND:
    - SLABS: 1 1/2"
    - WALLS, JOISTS - #11 BAR AND SMALLER: 3/4"
    - BEAMS, COLUMNS: 1 1/2"
    - PRIMARY REINFORCEMENT, TEES, STIRRUPS, SPIRALS: 1 1/2"

## 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:
  - A. CONNECTION MATERIAL EMBEDDED ITEMS, HOT ROLLED STRUCTURAL SHAPES, BASE PLATES AND MIS. STEEL ASTM A36
  - B. STRUCTURAL TUBES ASTM A500 GRADE B
  - C. STEEL PIPE ASTM A53, GRADE B
  - D. STRUCTURAL BOLTS ASTM A325-W U.N.O.
  - E. ANCHOR BOLTS ASTM A307 OR ASTM A36
  - F. THREADED RODS ASTM A36 OR ASTM A307
  - G. WELDING ELECTRODES E70XX

## GROUNDING NOTES:

- ALL DETAILS ARE SHOWN DIAGNOSTICALLY. 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 GRAZUAL 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.
- GROUNDING 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: EXCAVATORS, BULLDOZERS, LOADERS, TRUCKS, CRANES, COMPACTORS, GRADERS, AND PLOWERS. THE FOLLOWING MEASURES WILL BE UNDERTAKEN TO PROVIDE MAXIMUM PROTECTION TO THE SOIL, WATER, AND ADJACENT LANDS:

- PRIOR TO GRUBBING OR ANY EARTHMOVING OPERATIONAL, SALVATION 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 FROM 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 COMPLETION OF SOIL. ALL DISTURBED AREAS WILL BE MULCHED FOR EROSION CONTROL UPON COMPLETION OF ROUGH GRADING.

## SEEDING AND REVEGETATION PLAN

UPON COMPLETION OF SITE CONSTRUCTION, ALL AREAS PREVIOUSLY DISTURBED SHALL BE TREATED AS STATED BELOW. THESE AREAS WILL BE CLOSED TO ALL ACCESS 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 SEEDING AT THE RATE OF 100 LBS/ACRE OF MOOT PORK MIXTURE AND 20 LBS/ACRE OF CROWN VETCH.
- SEEDING WILL BE COMPLETED BETWEEN THE DATES OF APRIL 1 AND SEPTEMBER 15. WATERING MAY BE REQUIRED DURING DRY PERIODS.
- MAY 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 WELDING, TO ASTM A123. HARDWARE SHALL BE EITHER A325 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 LOWER CENTERLINE HEIGHT ABOVE GROUND MAY VARY ACCORDING TO SITE LAYOUT.
- FOUNDATION SHALL BE 18" DIA. SQUARE 60" DEEP BELOW GRADE AND 8" ABOVE GRADE FILLED WITH 4000 PSI CONCRETE WITH 3/4" MAXIMUM AGGREGATE.

The way people talk around here.

U.S. Cellular

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BLUERRY LANE  
85327  
64 BLUERRY ROAD  
GENERAL NOTES

NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	10/08/03

STATE OF MAINE  
MICHAEL S. DELETERE  
REGISTERED PROFESSIONAL ENGINEER  
No. 5023

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