

U.S. Cellular

The way people talk around here.™

SITE NAME: DEERING PAVILION
SITE NO. 853334.1
LATITUDE: 43 40' 41.90" N
LONGITUDE: 70 17' 23.45" W

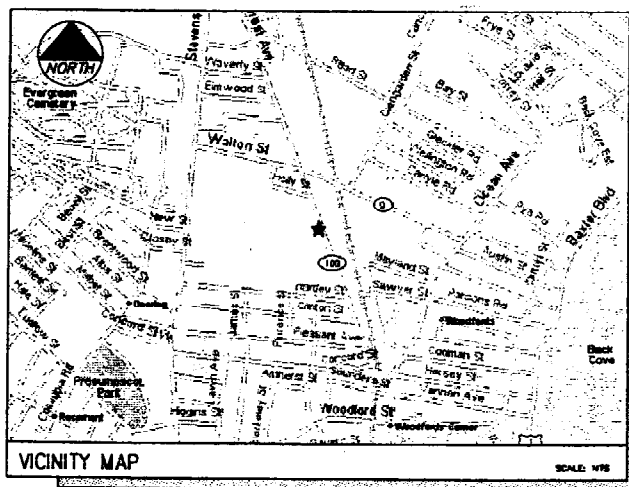
SITE NUMBER: 853334
SITE NAME: DEERING PAVILION
TOWER TYPE: 15' LATTICE ANTENNA FRAME
SITE ADDRESS: 880 FOREST AVENUE
 PORTLAND, ME 04103

PROPERTY OWNER: DIOCESAN BUREAU OF HOUSING
 880 FOREST AVENUE
 PORTLAND, ME 04103

MAP & LOT: 136-E-5

APPLICANT: U.S. CELLULAR
 c/o LCC
 482 CONGRESS STREET, SUITE 502
 PORTLAND, MAINE 04101

PROJECT SUMMARY



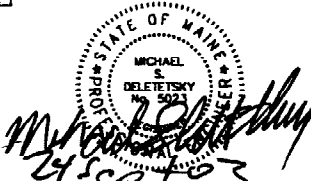
DIRECTIONS
 FROM PORTLAND INTERNATIONAL JETPORT: FROM THE AIRPORT TAKE ACCESS ROAD TO ROUTE 9/23 (APPROX. 6 MILES) AND TAKE A RIGHT ONTO OUTER CONGRESS STREET. PROCEED 2.1 MILES ON CONGRESS STREET TO THE INTERSTATE 295 NORTH EXIT AND FOLLOW I-295 NORTH TO EXIT 88. THE EXIT PUTS YOU ON FOREST AVENUE WEST AND CONTINUE OUT FOREST AVENUE FOR 1.45 MILES ON YOUR LEFT WILL BE 880 FOREST AVENUE OF DEERING PAVILION.

SHEET NO.	DESCRIPTION	DATE	REV. NO.
T-1	TITLE SHEET	9/21/03	0
C-1	PLOT PLAN	9/21/03	0
A-1	ANTENNA PLAN & ELEVATION	9/21/03	0
S-1	DETAILS	9/21/03	0
E-1	SECTIONS AND DETAILS	9/21/03	0
G-1	GENERAL NOTES	9/21/03	0

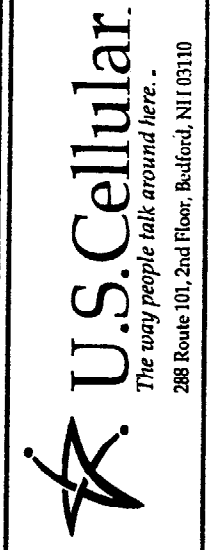
SHEET INDEX

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.



RF _____
 SWZN _____
 CONST. _____
 USCC _____
 PA _____

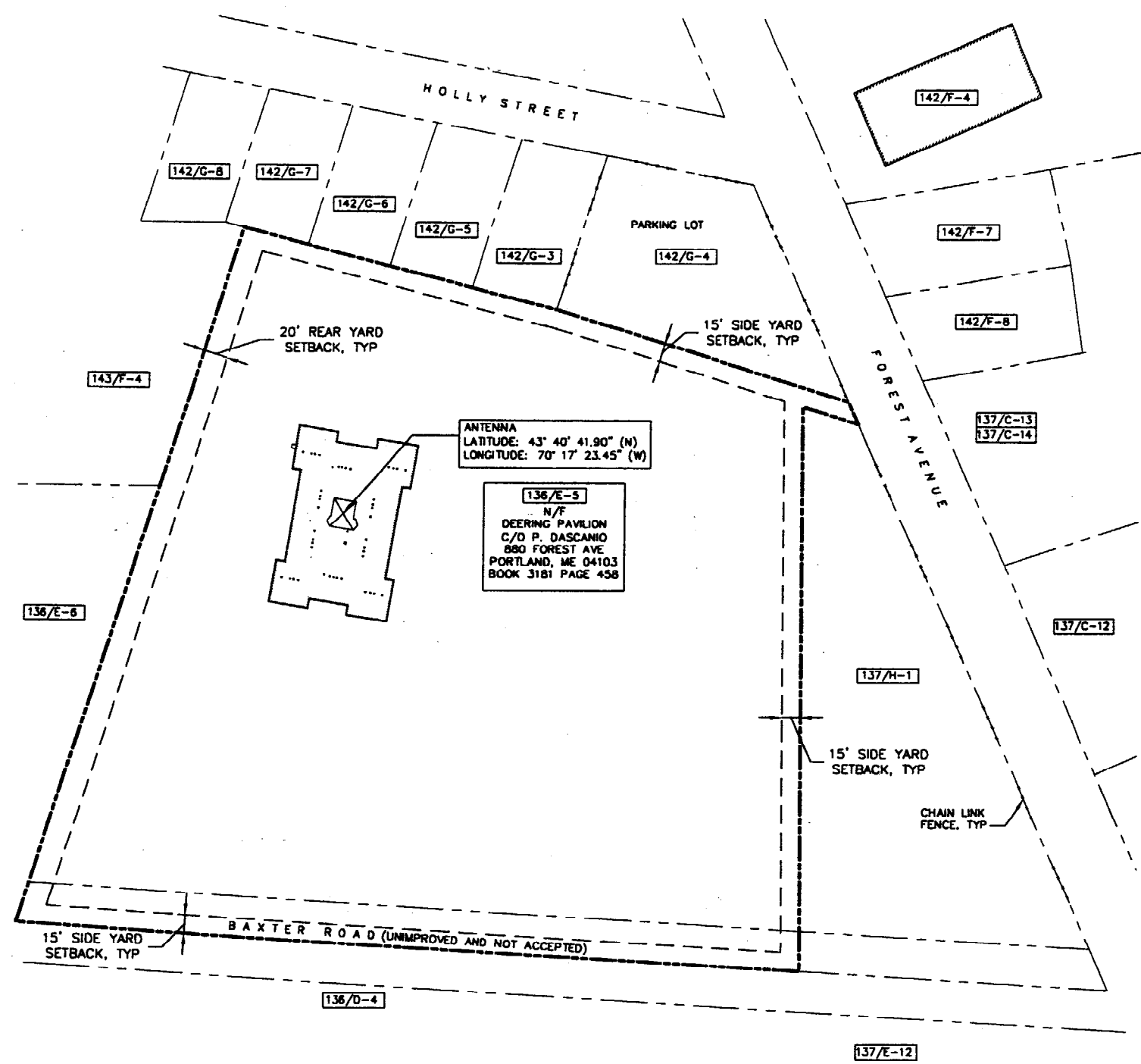
CEST Associates, Inc.
 111 Eastern Road, South Portland, ME 04106
 TEL: (207) 761-1770
 FAX: (207) 774-1246
 DEST PROJ. NO: 390.24.01

SITE NAME: DEERING PAVILION
SITE NUMBER: 853334.1
ADDRESS: 880 FOREST AVENUE
DRAWING TITLE: TITLE SHEET

REVISIONS		
NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	9/21/03

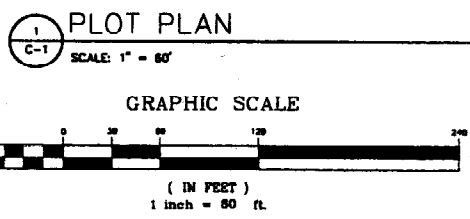
PREPARED BY: CBC
 CHECKED BY: CBM
 DESIGNED BY: MSD

DATE: 9/21/03
 SCALE: AS NOTED
 PROJECT NO: 390.24.01



ANTENNA
 LATITUDE: 43° 40' 41.90" (N)
 LONGITUDE: 70° 17' 23.45" (W)

136/E-5
 N/F
 DEERING PAVILION
 C/O P. DASCANIO
 880 FOREST AVE
 PORTLAND, ME 04103
 BOOK 3181 PAGE 458



LIST OF ABUTTERS

MAP/LOT	RECORD OWNER	ADDRESS
136/D-4 137/E-12	CITY OF PORTLAND	388 CONGRESS ST PORTLAND, ME 04101
136/E-6 143/F-4	ST. JOSEPH'S CONVENT & HOSPITAL	605 STEVENS AVE PORTLAND, ME 04103
137/C-12	ROBERT J. LORANGER	10 ROBIN LANE FALMOUTH, ME 04105
137/C-13 137/C-14	AMBA INVESTMENTS	887 FOREST AVE PORTLAND, ME 04103
142/F-4	BJFC LCC	448 FOREST AVE PORTLAND, ME 04103
142/F-7	EDWARD C. DEVAULT	805 FOREST AVE PORTLAND, ME 04103
142/F-8	SEQUEL LLC	887 FOREST AVE PORTLAND, ME 04103
142/G-3	DONALD E. JR. & ELIZABETH S. CATON	14 HOLLY ST PORTLAND, ME 04103
137/H-1 142/D-4 142/D-7	DIOCESAN BUREAU OF HOUSING	880 FOREST AVE PORTLAND, ME 04103
142/G-5	ROMAN CATHOLIC BISHOP OF PORTLAND	P.O. BOX 11550 PORTLAND, ME 04104
142/G-6	ERNESTINE E. PELLETIER & PAULINE M. GAUDET	72 WINTHROP ST AUGUSTA, ME 04330
142/G-8	WILLIAM E. MELESKI JR.	4 LINDA ST CUMBERLAND, ME 04021

ZONING INFORMATION

ZONING DISTRICT:	RESIDENTIAL (R-8)
MINIMUM STREET FRONTAGE:	40 FEET
FRONT YARD SETBACK:	10 FEET
SIDE YARD SETBACK:	15 FEET
REAR YARD SETBACK:	20 FEET
MINIMUM LOT SIZE:	4,500 SQ. FT.

PLAN REFERENCE

1. PLAN ENTITLED "PLAN OF TOPOGRAPHY IN PORTLAND, MAINE", MADE FOR MERCY HOSPITAL, DEERING PAVILION BY H.I. & E.C. JORDAN - SURVEYORS, DATED MARCH 21, 1968.



VICINITY MAP SCALE: NTS

GENERAL NOTES

- DATES OF FIELD SURVEY: AUGUST, 2003
- SITE NAME: DEERING PAVILION
- SITE NUMBER: 853334
- SITE ADDRESS: 880 FOREST AVENUE, PORTLAND, ME 04103, CUMBERLAND COUNTY
- OWNER: DIOCESAN BUREAU OF HOUSING, 880 FOREST AVE, PORTLAND, ME 04103, CUMBERLAND COUNTY
- APPLICANT: U.S. CELLULAR c/o LCC, 482 CONGRESS STREET, SUITE 502, PORTLAND, MAINE 04101
- JURISDICTION: PORTLAND, MAINE
- ZONING DISTRICT: RESIDENTIAL (R-8)
- TAX IDENTIFICATION: MAP 136 LOT E-5, DEED BOOK/PAGE: 3181/485
- VERTICAL DATUM: NATIONAL GEODETIC VERTICAL DATUM OF 1929, (MEAN SEA LEVEL).
- HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983 (NAD83)
- CENTER OF EXISTING TOWER: LATITUDE: 43° 40' 41.90" N (NAD 83), LONGITUDE: 70° 17' 23.45" W (NAD 83), GROUND EL. = 95.0'±
- 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 07 OF 17, COMMUNITY PANEL NUMBER 230051 0007B EFFECTIVE DATE JULY 17, 1986. ZONE C IS DEFINED AS AN AREA 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

J.B. Watts 9/27/2003
 JEROME B. WATTS
 LICENSED LAND SURVEYOR #1245

LEGEND

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



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.



CEST Associates, Inc.
 343 Canton Road - South Portland, ME 04106
 TEL: (207) 761-1770

REVISION	NO.	DESCRIPTION	DATE
0	FOR CONSTR.		
1	DESIGNED BY	MSD	09/27/03
2	DRAWN BY	SAZ	09/27/03
3	CHECKED BY	MSD	09/27/03
4	DATE		

The way people talk around here.

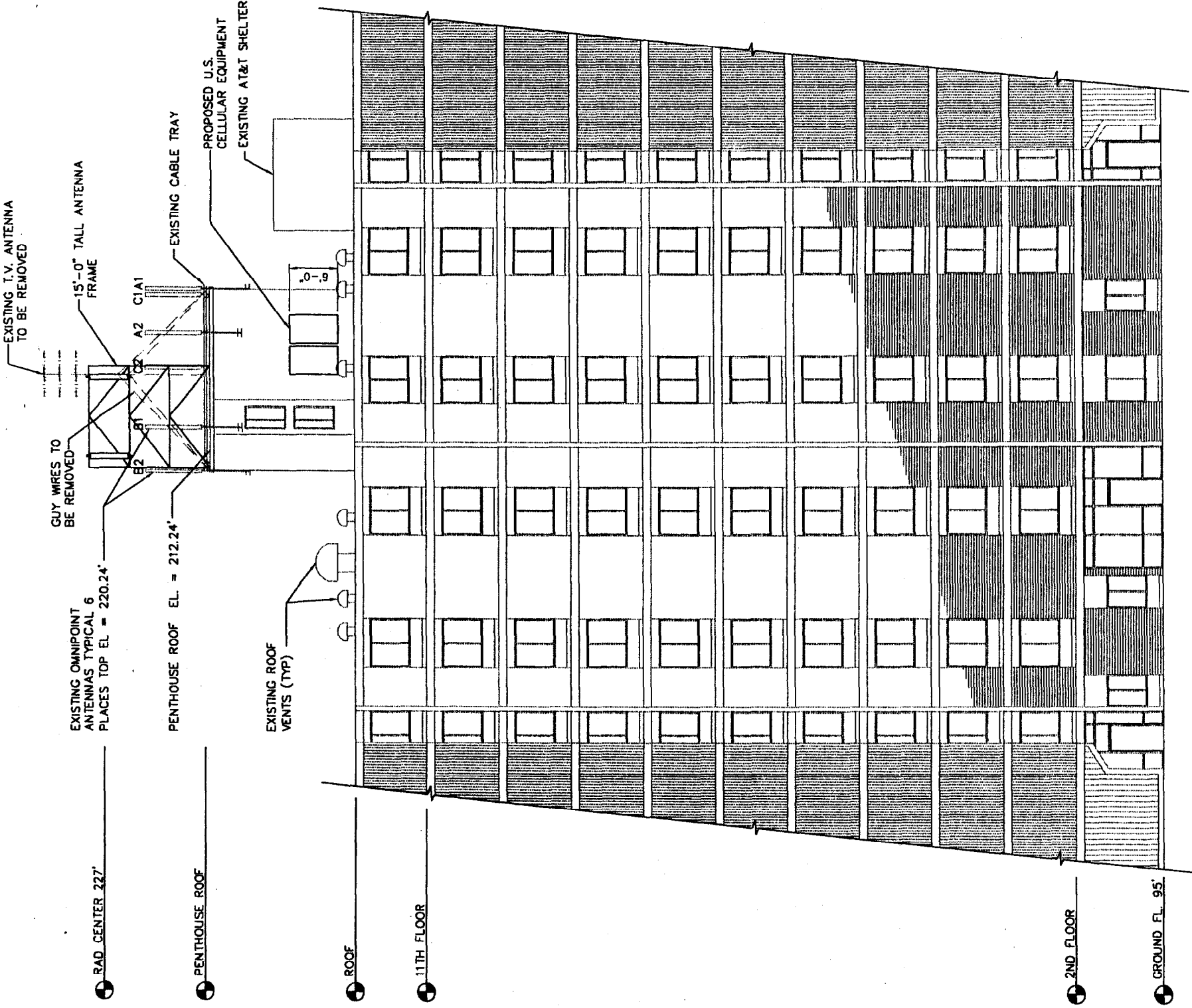


288 Route 101, 2nd Floor, Bedford, NH 03110

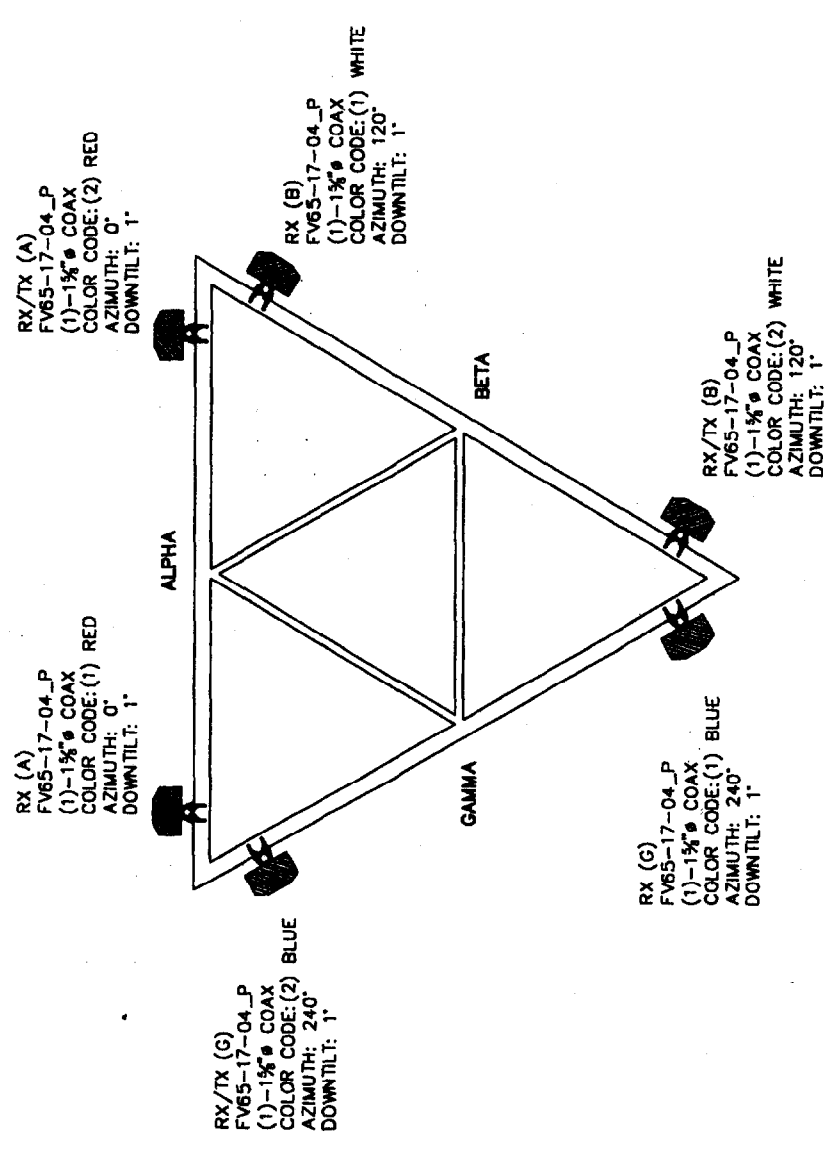
CEBT Associates, Inc.
145 Deering Road, South Portland, ME 04106
engineers architects interior designers

TEL: (207) 761-1770
FAX: (207) 774-1246
CEST PROJ. NO: 390.24.01

SITE NAME: DEERING PAVILION		DRAWING NO.: A-1	
SITE NUMBER: 85334.1		DATE: 9/15/03	
ADDRESS: 880 FOREST AVENUE		SCALE: AS NOTED	
DRAWING TITLE: ANTENNA PLAN & ELEVATION		DESIGNED BY: MSD	
NO. DESCRIPTION		CHECKED BY: MSD	
DATE		PROJECT NO.: 590.24.01	
REVISIONS		DRAWING NO.:	
0 FOR CONSTRUCTION/ISSUE			
CONTRACTOR: CBC		DATE: 9/15/03	
DRAWN BY: CBM		SCALE: AS NOTED	
DESIGNED BY: MSD		PROJECT NO.: 590.24.01	
CHECKED BY: MSD		DRAWING NO.:	

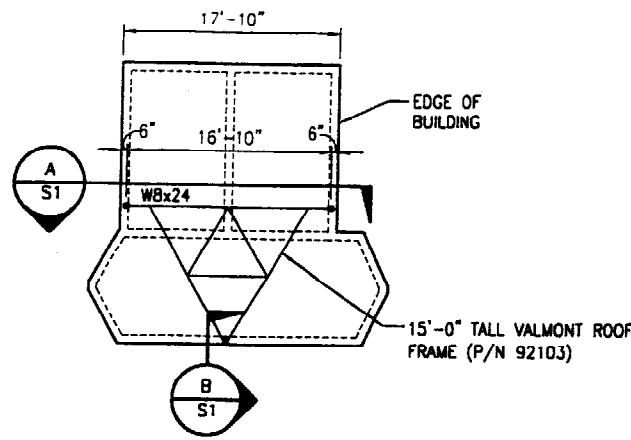


2 ELEVATION
A-1
SCALE: 1/8" = 1'-0"

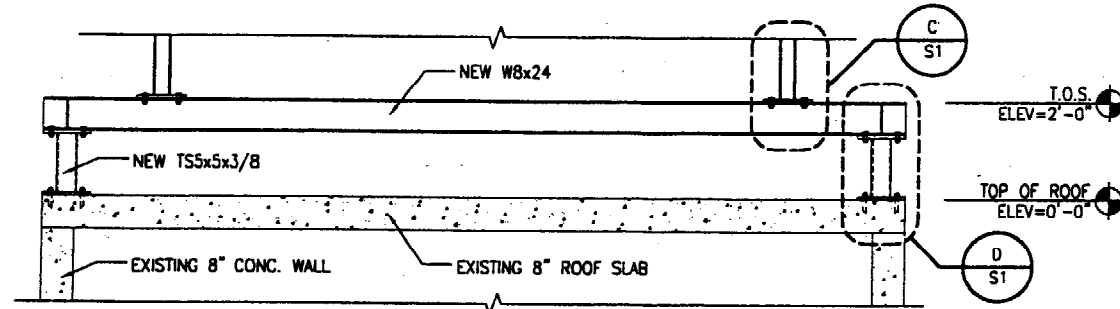


1 ANTENNA PLAN
A-1
SCALE: 1/2" = 1'-0"

STATE OF MAINE
MICHAEL DELANEY
REGISTERED PROFESSIONAL ENGINEER
No. 10001
24 Sept 03

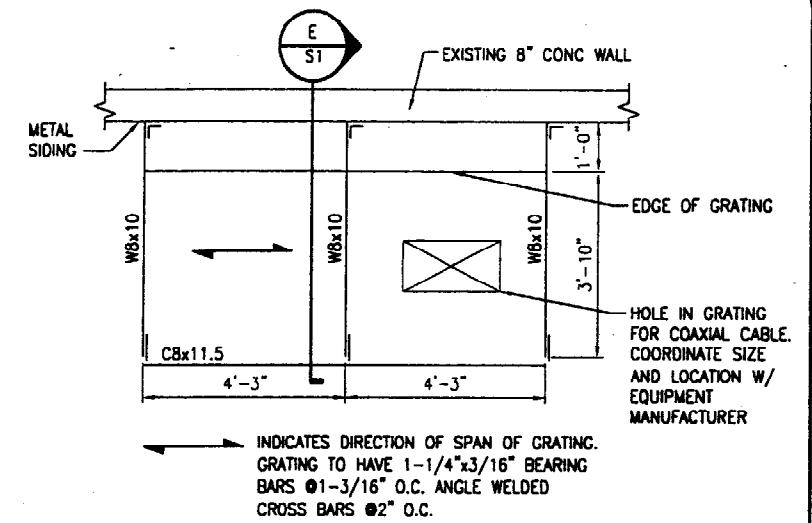


1 ANTENNA FRAMING PLAN
SCALE: 1/8" = 1'-0"

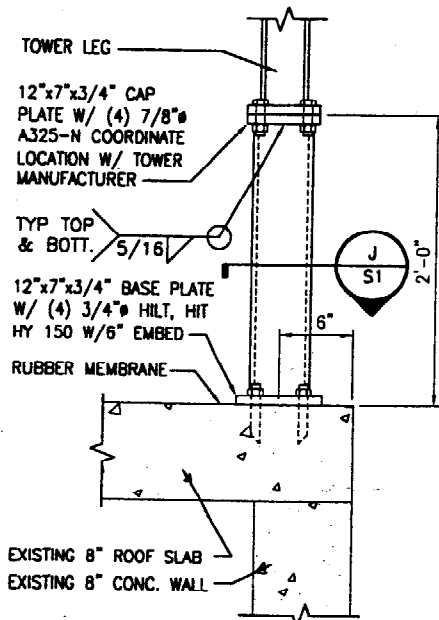


NOTE:
ROOF WORK SHALL BE DONE IN ACCORDANCE
WITH ROOFING MANUFACTURE'S WARRANTY.

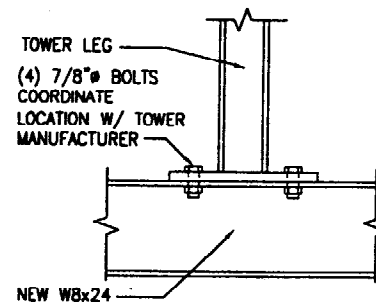
A SECTION A
SCALE: 1/2" = 1'-0"



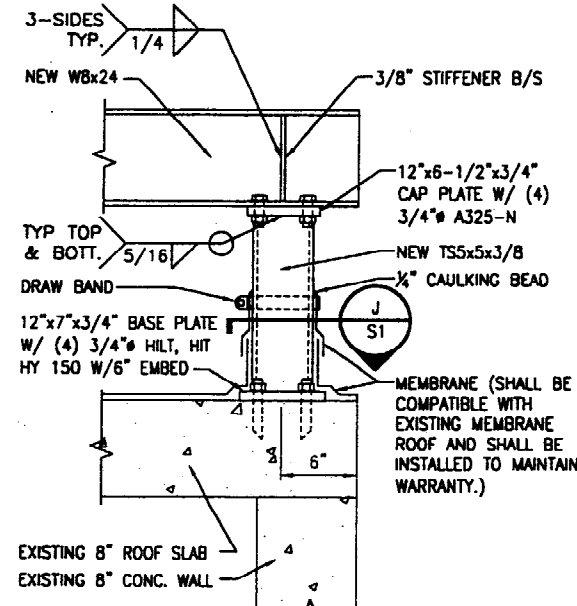
2 EQUIPMENT SUPPORT FRAMING PLAN
SCALE: 1/2" = 1'-0"



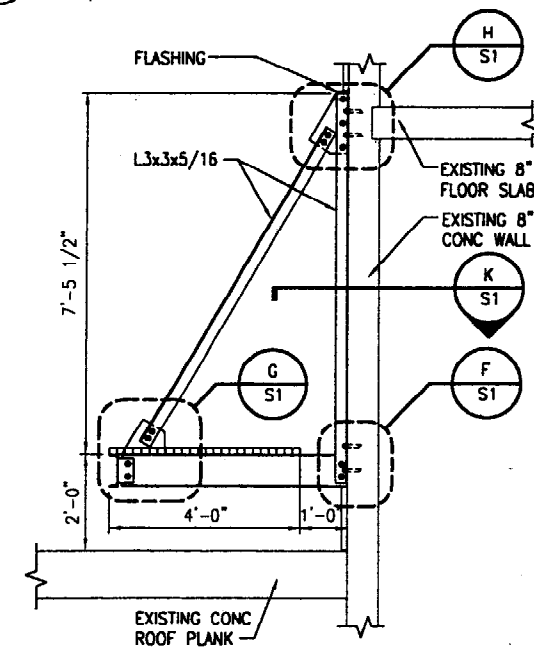
B SECTION B
SCALE: 1-1/2" = 1'-0"



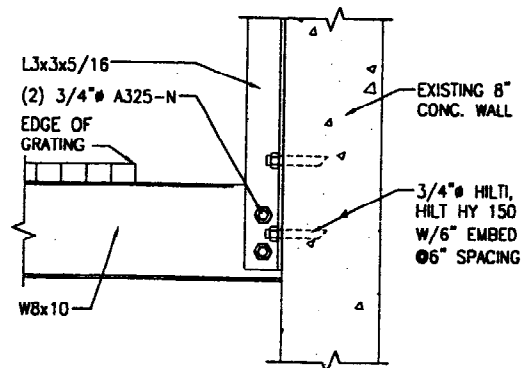
C DETAIL C
SCALE: 1-1/2" = 1'-0"



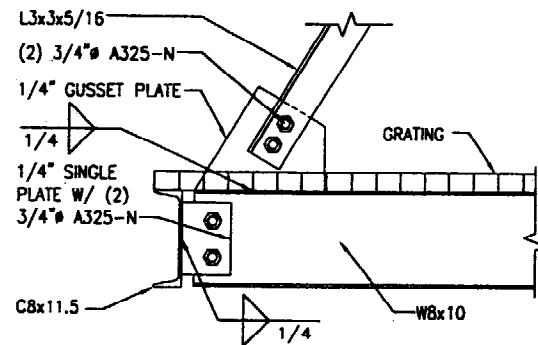
D DETAIL D
SCALE: 1-1/2" = 1'-0"



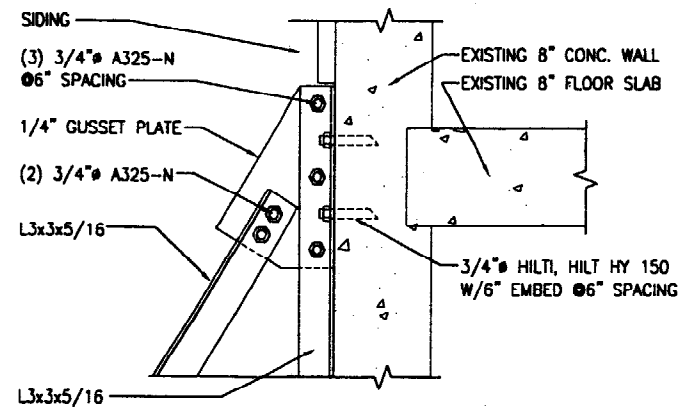
E SECTION E
SCALE: 1/2" = 1'-0"



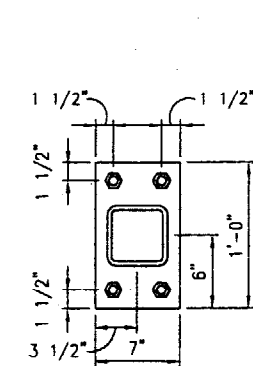
F DETAIL F
SCALE: 1-1/2" = 1'-0"



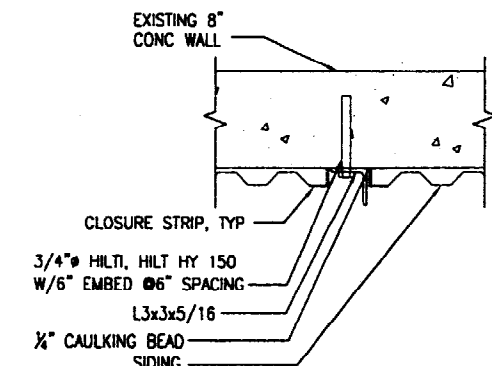
G DETAIL G
SCALE: 1-1/2" = 1'-0"



H DETAIL H
SCALE: 1-1/2" = 1'-0"



J DETAIL J
SCALE: 1-1/2" = 1'-0"



K SECTION K
SCALE: 1-1/2" = 1'-0"

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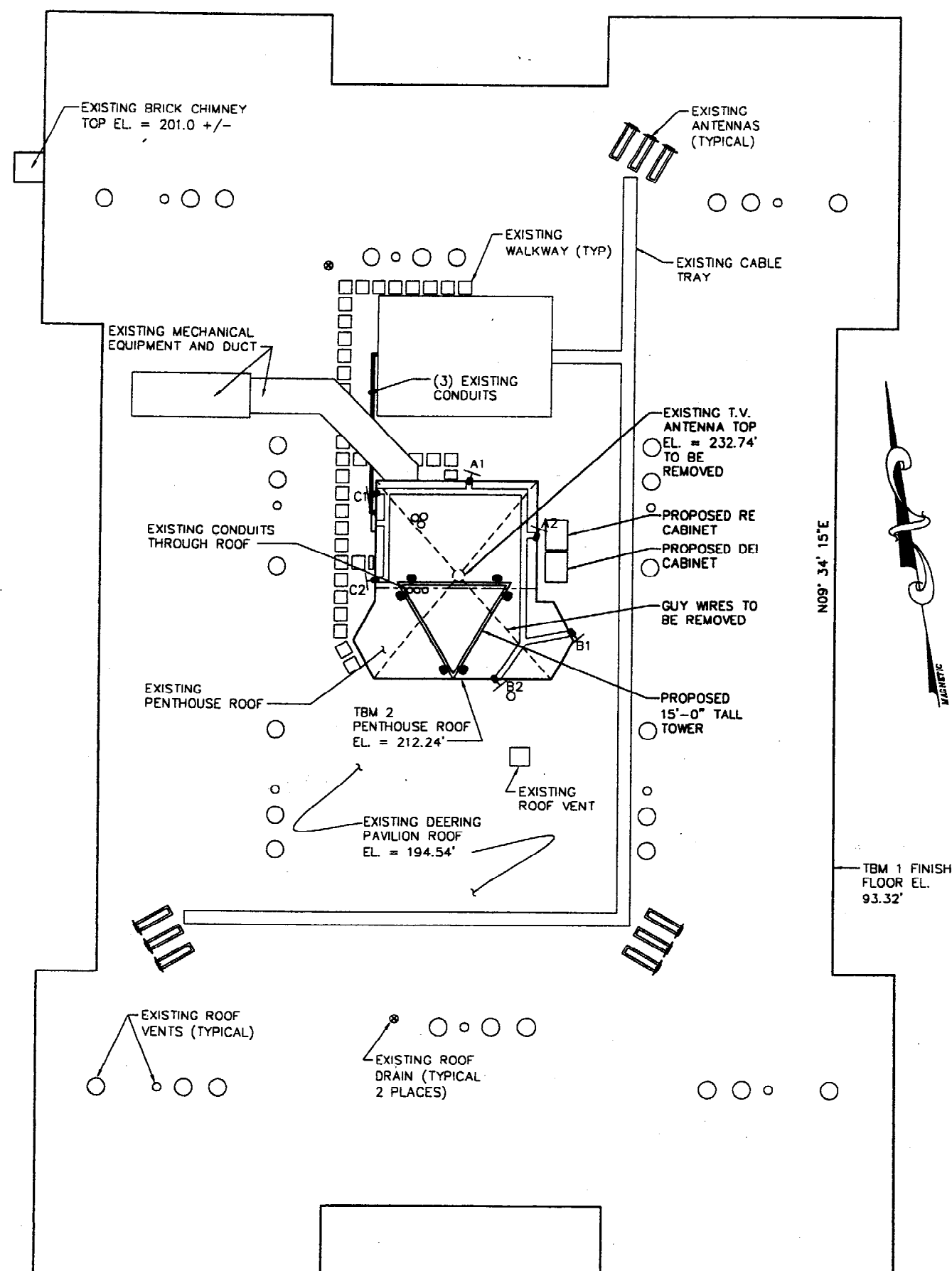
CEBT Associates, Inc.
303 Eastern Road, South Portland, ME 04086
TEL: (207) 761-1770
FAX: (207) 774-1246
CEST PROJ. NO. 390.24.01

SITE NAME: DEERING PAVILION
SITE NUMBER: 853334
ADDRESS: 880 FOREST AVENUE
DRAWING TITLE: DETAILS

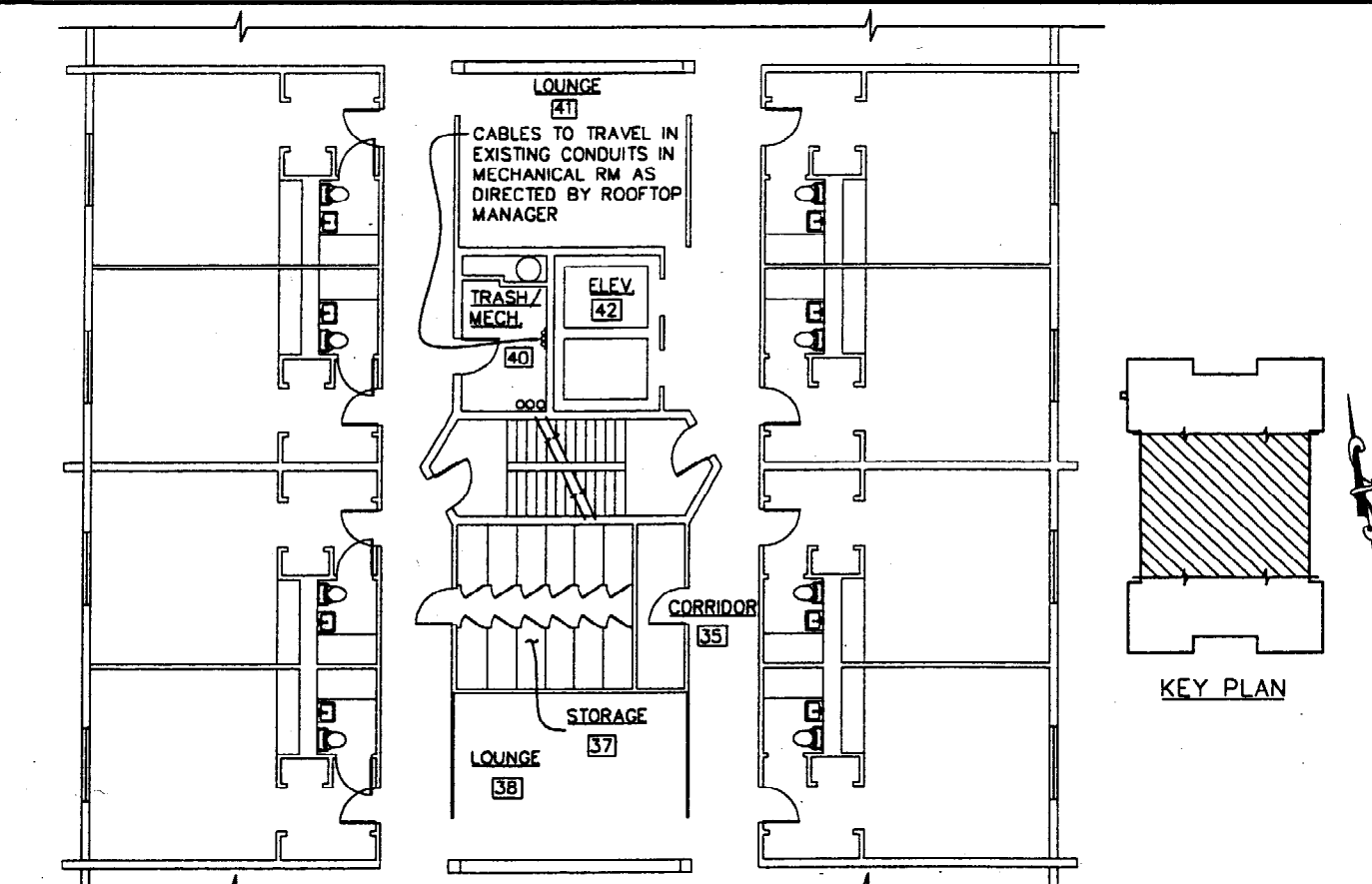
REVISIONS	
NO.	DESCRIPTION

DESIGNED BY: CBC DATE: 09/15/03
DRAWN BY: CBM SCALE: AS NOTED
CHECKED BY: MSD PROJECT NO.: 390.24.01

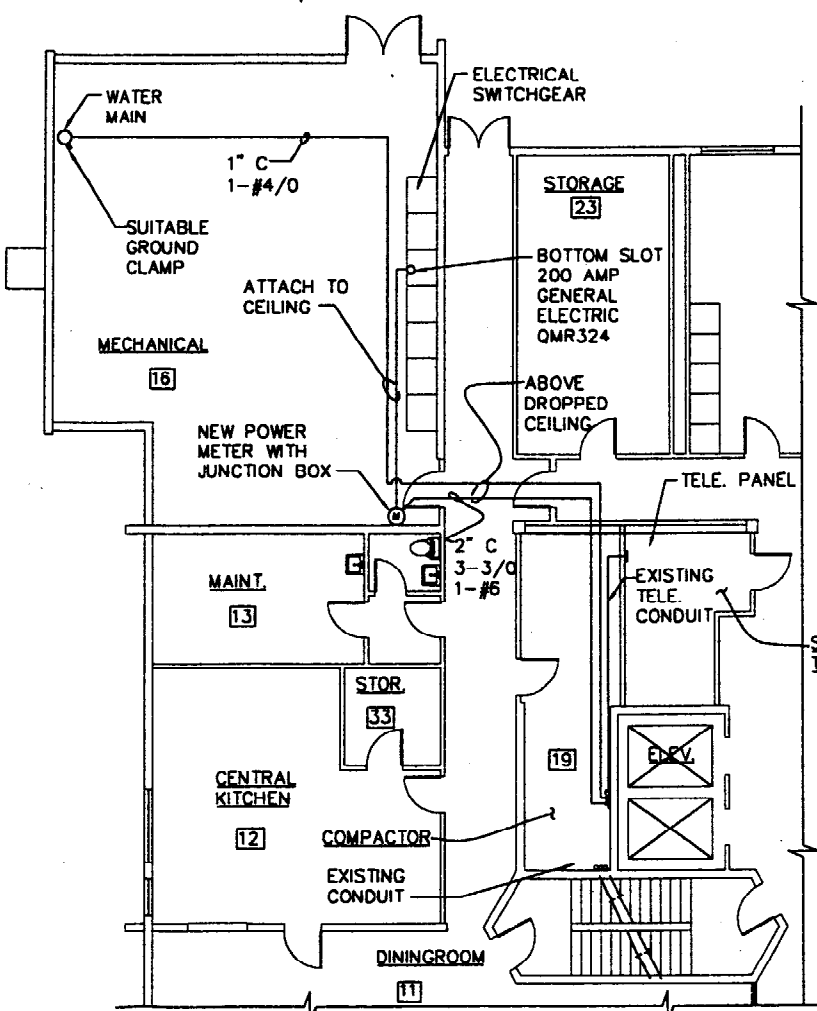
STATE OF MAINE
MICHAEL S. DELETERSKY
Professional Engineer
24 Sept 03



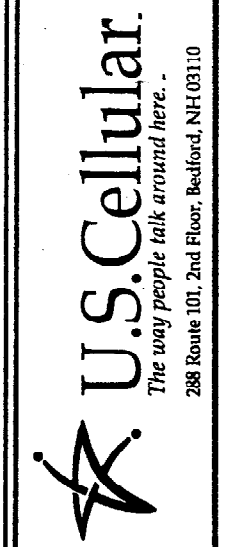
1 PROPOSED AND EXISTING ROOF PLAN
SCALE: 1/8" = 1'-0"



3 2ND-11TH FLOOR PLAN
SCALE: 1/8" = 1'-0"



2 GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0"



OEST Associates, Inc.
313 Eastern Road - South Portland, ME 04106
engineers architects interior designers
TEL: (207) 761-1770
FAX: (207) 774-1245
OEST PROJ. NO: 390.24.01

SITE NAME: DEERING PAVILION
SITE NUMBER: 853334
ADDRESS: 880 FOREST AVENUE
DRAWING TITLE: DETAILS

REVISIONS		
NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	7/16/03

DESIGNED BY: CBC DATE: 09/15/03
DRAWN BY: CBM SCALE: AS NOTED
CHECKED BY: MSD PROJECT NO.: 390.24.01
DRAWING NO.: E-1

GENERAL

- 1 COORDINATE THE STRUCTURAL WORK WITH THE ARCHITECTURAL, CIVIL, MECHANICAL, ELECTRICAL AND PIPING WORKS.
- 2 NOTIFY OEST OF ANY CONDITIONS ENCOUNTERED IN THE FIELD CONTRADICTORY TO THOSE SHOWN ON THE STRUCTURAL DRAWING.
- 3 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

- 1 ALL DESIGN AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE IBC 2000.

2 ADDITIONAL REFERENCED STANDARDS:

- A. AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) MANUAL OF STEEL CONSTRUCTION - ALLOWABLE STRESS DESIGN 1989, 9TH EDITION
- B. METAL BUILDING MANUFACTURES ASSOCIATION (MBMA) 1988 LOW RISE BUILDING SYSTEMS MANUAL
- C. AMERICAN CONCRETE INSTITUTE (ACI) 318-85 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE
- D. AMERICAN IRON AND STEEL INSTITUTE (AISI) SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS
- E. AMERICAN SOCIETY OF CIVIL ENGINEERS ASCE 7-98 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES

- 3 ALL APPLICABLE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT (OSHA) AND THE AMERICANS WITH DISABILITIES ACT (ADA).

STRUCTURAL AND MISCELLANEOUS STEEL

- 1 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).
- 2 HIGH STRENGTH BOLTS SHALL BE IN ACCORDANCE WITH AISC - SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR 490 BOLTS, NOVEMBER 13, 1985.
- 3 WELDING SHALL BE IN ACCORDANCE WITH AWS D1.1 USE AWS PREQUALIFIED JOINT DETAILS.
- 4 STRUCTURAL STEEL MATERIALS SHALL CONFORM TO THE FOLLOWING:
 - A. CONNECTION MATERIAL, EMBEDDED ITEMS, HOT ROLLED STRUCTURAL SHAPES, BASE PLATES AND MS. 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 A307C
 - F. THREADED RODS ASTM A36 OR ASTM A307
 - G. WELDING ELECTRODES E70XX
- 5 ALL STRUCTURAL STEEL SHALL BE HOT-DIP GALVANIZED PER ASTM A123

The way people talk around here.

U.S. Cellular



288 Route 101, 2nd Floor, Bedford, NH 03110

OEST Associates, Inc.
145 Centre Road - South Portland, ME 04106
engineers architects surveyors landscape architects

TEL: (207) 761-1770
FAX: (207) 774-1246
OEST PROJ. NO: 390.24.01

SITE NAME: DEERING PAVILION
SITE NUMBER: 853334.1
ADDRESS: 880 FOREST AVENUE
DRAWING TITLE: GENERAL NOTES

NO.	DESCRIPTION	DATE
0	FOR CONSTRUCTION	

DATE	09/15/03
MSD BY	AS NOTED
SAZ BY	
MSD BY	390.24.01

G-1

