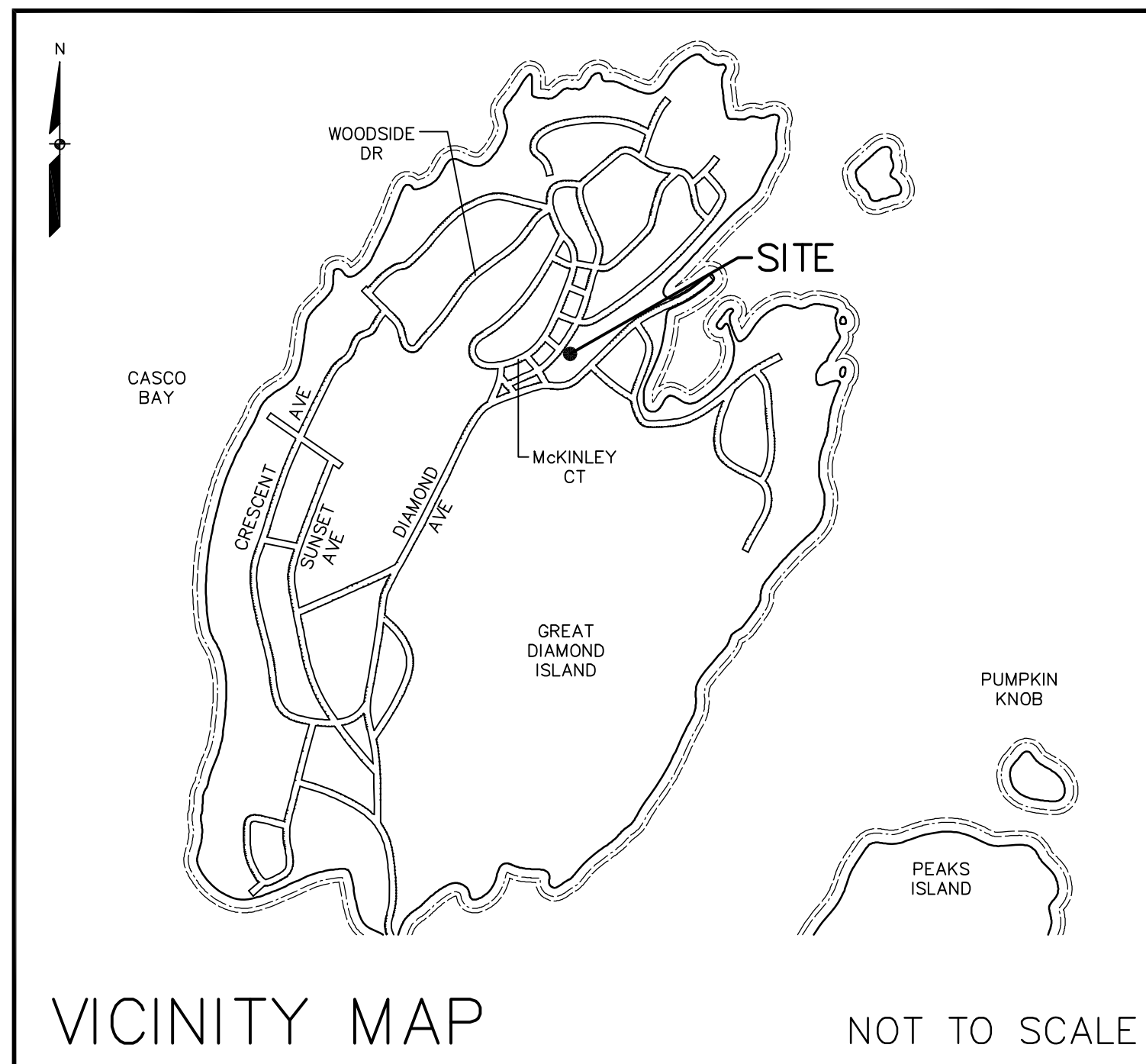




DIAMOND COVE
WATER TANK SITE
INGALLS ROAD
DIAMOND ISLAND, MAINE

SITE NUMBER: 251 010
 SITE NAME: DIAMOND COVE WATER TANK SITE
 TOWER TYPE: 60' WATER TANK
 SITE ADDRESS: INGALLS ROAD
 DIAMOND ISLAND, PORTLAND, ME
 COUNTY: CUMBERLAND
 OWNER/LESSOR: DIAMOND COVE ASSOCIATION
 C/O MATTHEW HOFFNER
 GREAT DIAMOND ISLAND
 (207) 766-3377
 MAP NO. / LOT NO. MAP J15NW
 DEED BOOK / PAGE -
 APPLICANT: REDZONE WIRELESS, LLC
 412 MAIN STREET
 SUITE 206
 ROCKLAND, MAINE 04841
 CONTACT: JIM McKENNA
 REDZONE WIRELESS, LLC
 ROCKLAND, MAINE 04841
 207-596-5700
 LATITUDE: N 43° 40' 59.65"
 LONGITUDE: W 70° 11' 42.16"
 GROUND ELEVATION: 90.5 CITY DATUM
 TANK HEIGHT AT EDGE 60 FEET
 TANK HEIGHT AT PEAK 68.4 FEET
 ZONING: ISLAND RESIDENTIAL 3
 CURRENT USE: ABANDONED WATER TANK
 SITE SIZE (S.F. / Ac.): 36 S.F.

PROJECT SUMMARY



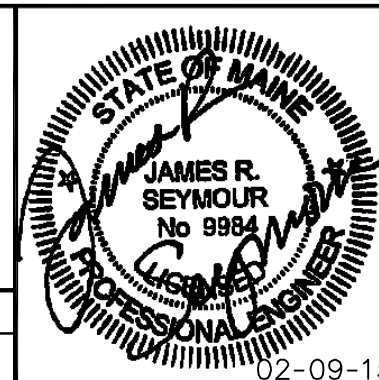
DIRECTIONS TO SITE:

TAKE CASCO BAY FERRY, LOCATED AT 56 COMERCIAL STREET, PORTLAND, TO GREAT DIAMOND ISLAND. TANK IS VISIBL
 FROM DOCK. TAKE DIAMOND AVENUE TO MCKINLEY COURT. HEAD NORTH ON MCKINLEY COURT TO THE SECOND LANE. TURN
 RIGHT AND TANK IS STRAIGHT AHEAD.

SHEET NO.	DESCRIPTION	DATE	REV.
T-1	TITLE SHEET	02-09-15	C
BD-1	BOUNDARY PLAN DIAMOND COVE	02-09-15	B
C-1	LAYOUT PLAN	02-09-15	C
C-2	TOWER ELEVATION AND ANTENNA PLAN	02-09-15	B
D-1	CONSTRUCTION DETAILS	02-09-15	C

SHEET INDEX

SEBAGO
TECHNICS
WWW.SEBAGOTECHNICS.COM
75 John Roberts Rd. Suite 1A South Portland, ME 04106 Tel. 207-200-2100
250 Goddard Rd. Suite B Lewiston, ME 04240 Tel. 207-783-5656



PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN
14374	-	CLB	JRS	BRF

REV.	BY:	DATE:	STATUS:
C	JRS	02-09-15	ISSUED FOR PERMITTING APPROVALS
B	JRS	02-06-15	REVISED PER CLIENT COMMENTS
A	JRS	02-03-15	ISSUED TO CLIENT

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.

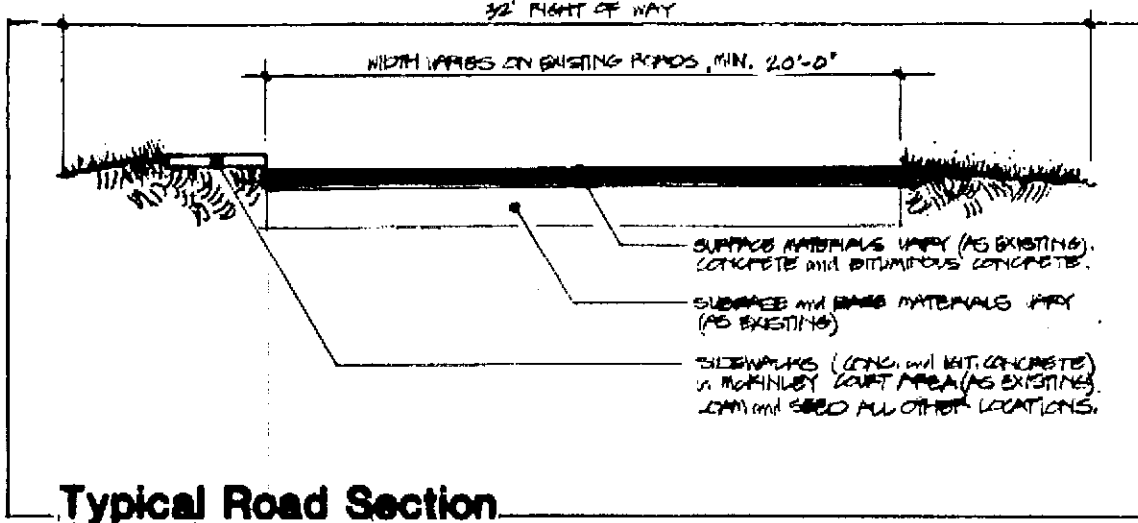


REDZONE WIRELESS, LLC
 413 MAIN STREET
 P.O. BOX 435
 ROCKLAND, MAINE 04841
 TEL: (207) 596-5700

TITLE SHEET
 OF:
 DIAMOND ISLAND SITE
 DIAMOND COVE WATER TANK
 INGALLS ROAD
 PORTLAND, MAINE 04104

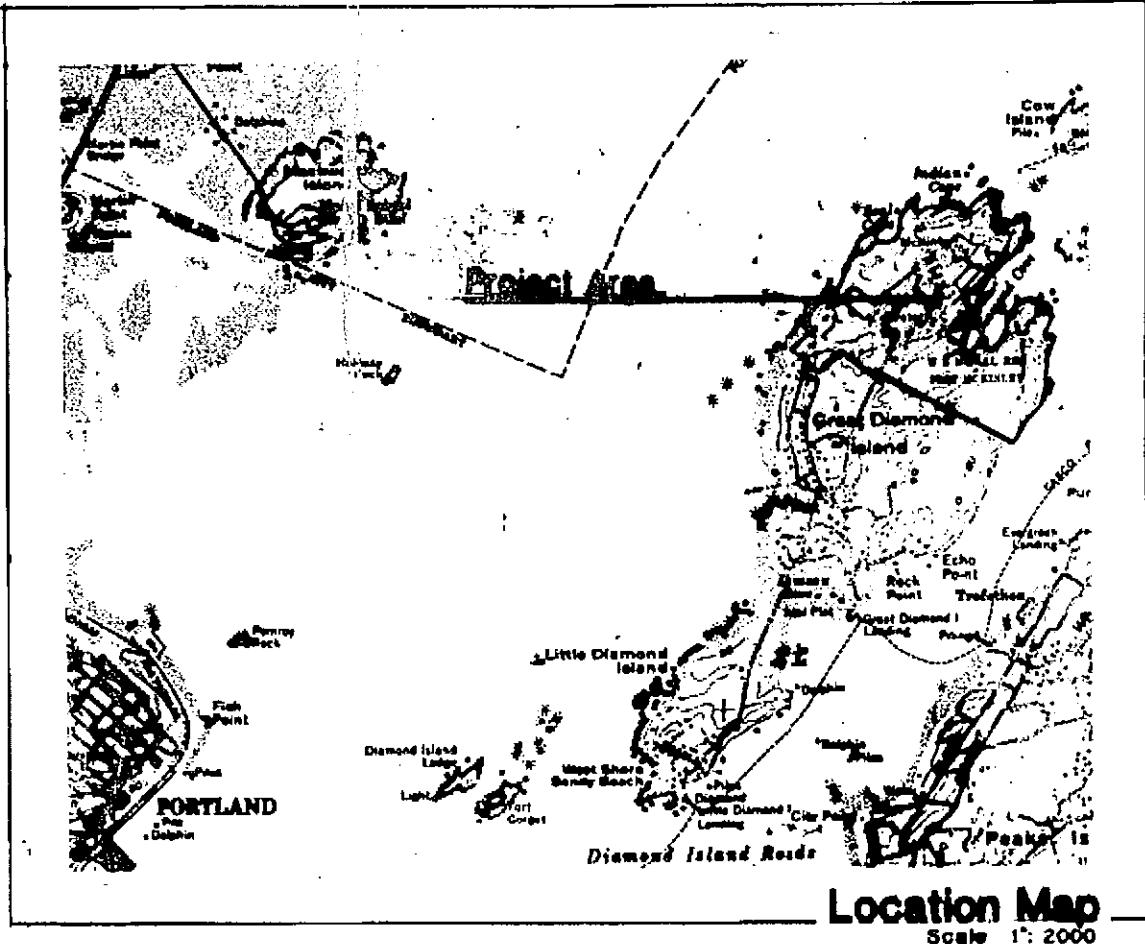
SHEET NUMBER:
T-1
 SCALE AS SHOWN DATE 02-03-15

14-574c.dwg, T-1E-Model



Approved
City of Portland Planning Board
Date March 4, 1987

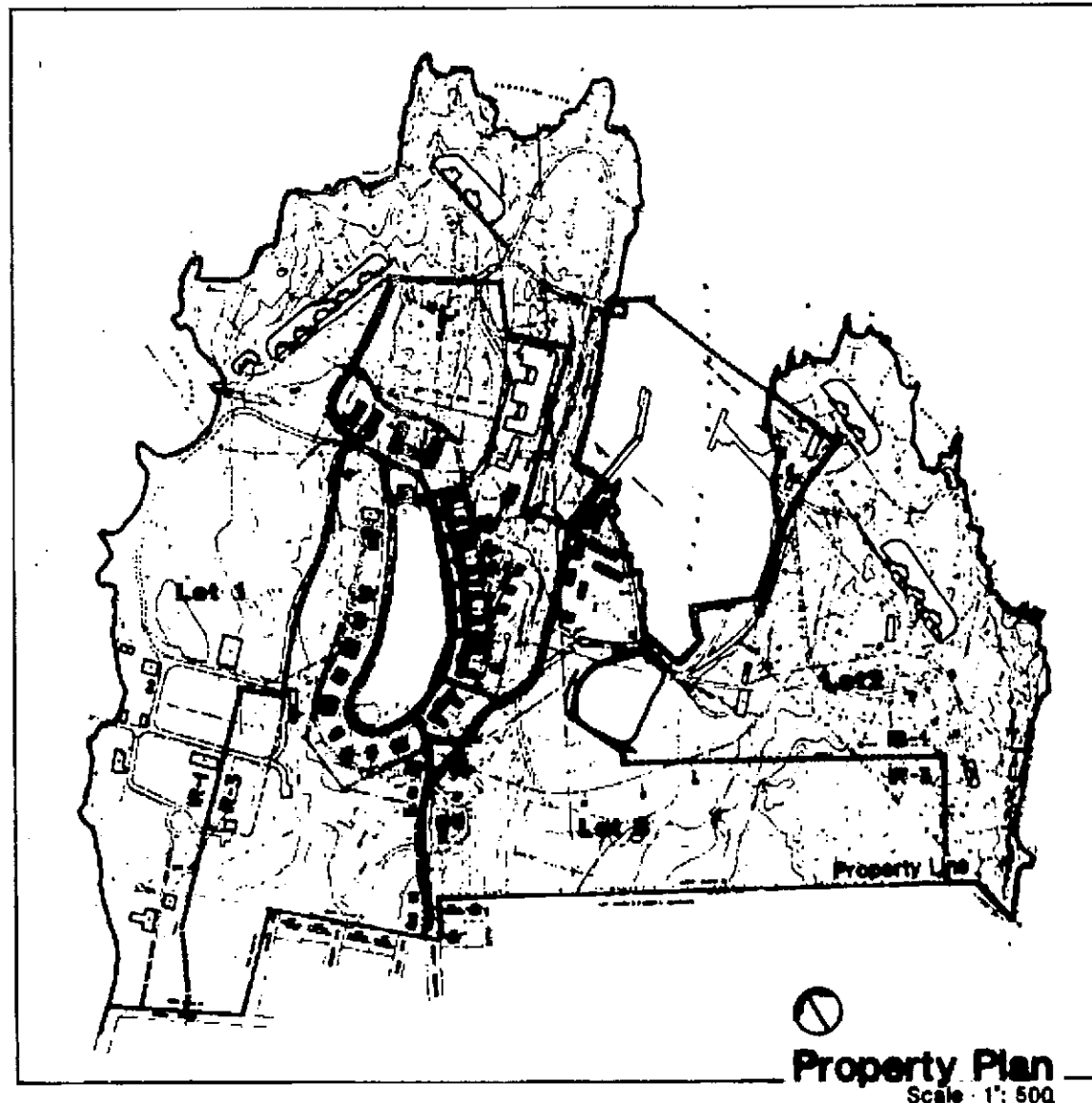
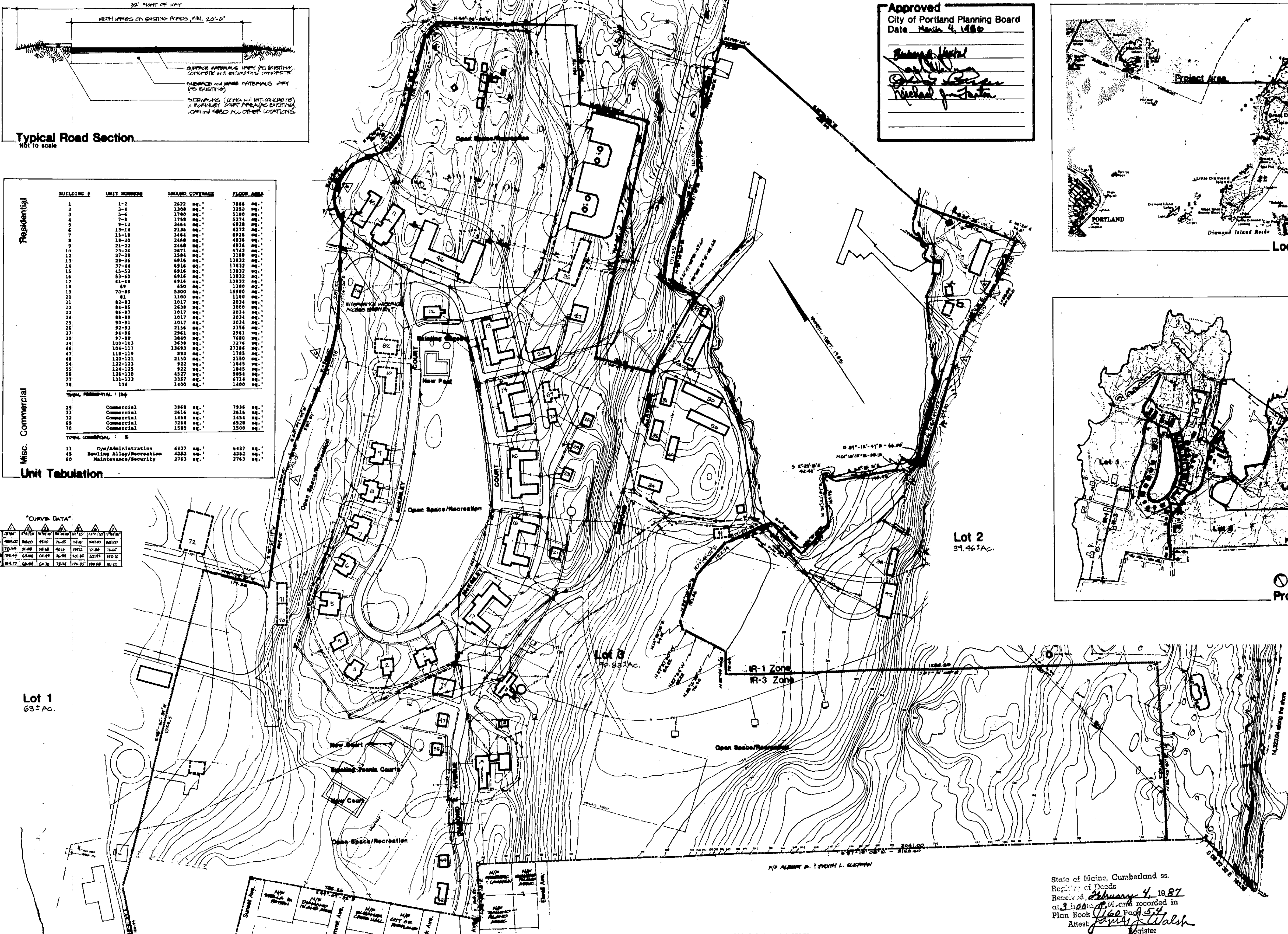
Barbara Vestal
David B. Bates
Nicholas J. Ferris



	BUILDING #	UNIT NUMBER	GROUND COVERAGE	FLOOR AREA	
Residential	1	1-2	2672 sq. ft.	7866 sq. ft.	
	2	3-4	1780 sq. ft.	5380 sq. ft.	
	3	5-6	1780 sq. ft.	5380 sq. ft.	
	4	7-8	1780 sq. ft.	5380 sq. ft.	
	5	9-10	2464 sq. ft.	6928 sq. ft.	
	6	11-12	2464 sq. ft.	6928 sq. ft.	
	7	13-14	2464 sq. ft.	6928 sq. ft.	
	8	15-16	2464 sq. ft.	6928 sq. ft.	
	9	17-18	2464 sq. ft.	6928 sq. ft.	
	10	19-20	2464 sq. ft.	6928 sq. ft.	
	11	21-22	2464 sq. ft.	6928 sq. ft.	
	12	23-24	2464 sq. ft.	6928 sq. ft.	
	13	25-26	2464 sq. ft.	6928 sq. ft.	
	14	27-28	2464 sq. ft.	6928 sq. ft.	
	15	29-30	2464 sq. ft.	6928 sq. ft.	
	16	31-32	2464 sq. ft.	6928 sq. ft.	
	17	33-34	2464 sq. ft.	6928 sq. ft.	
	18	35-36	2464 sq. ft.	6928 sq. ft.	
	19	37-38	2464 sq. ft.	6928 sq. ft.	
	20	39-40	2464 sq. ft.	6928 sq. ft.	
Commercial	21	Commercial	3868 sq. ft.	7936 sq. ft.	
	22	Commercial	2836 sq. ft.	5816 sq. ft.	
	23	Commercial	1418 sq. ft.	2908 sq. ft.	
	24	Commercial	3264 sq. ft.	6828 sq. ft.	
	25	Commercial	1560 sq. ft.	3240 sq. ft.	
	Misc.	11	City/Administration	6427 sq. ft.	6427 sq. ft.
		45	Swimming Alley/Recreation	4282 sq. ft.	4282 sq. ft.
		80	Maintenance/Security	2763 sq. ft.	2763 sq. ft.

Unit Tabulation

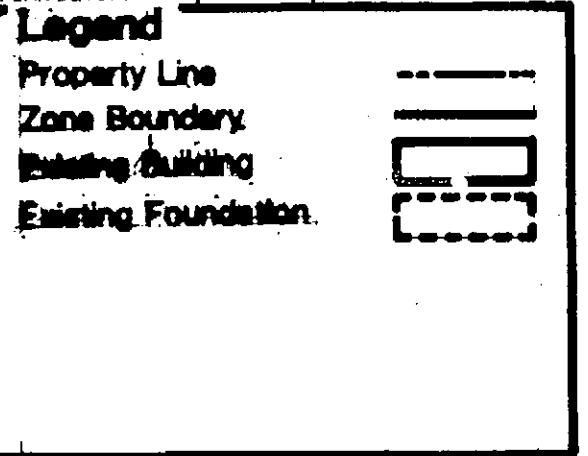
LAND	AREA	CURB DATA									
		17.16'	17.16'	17.16'	17.16'	17.16'	17.16'	17.16'	17.16'	17.16'	17.16'
Area	3500	1800	1800	1800	1800	1800	1800	1800	1800	1800	1800
Perim	78.50'	34.00'	34.00'	34.00'	34.00'	34.00'	34.00'	34.00'	34.00'	34.00'	34.00'
Length	175.42'	180.00'	180.00'	180.00'	180.00'	180.00'	180.00'	180.00'	180.00'	180.00'	180.00'
Area	104.77'	104.77'	104.77'	104.77'	104.77'	104.77'	104.77'	104.77'	104.77'	104.77'	104.77'



THIS DEVELOPMENT WAS APPROVED BY THE PORTLAND PLANNING BOARD ON MARCH 4, 1986 SUBJECT TO A SERIES OF CONDITIONS SPECIFIED IN AN APPROVAL LETTER DATED MARCH 10, 1986 FROM BARBARA VESTAL, VICE CHAIRMAN OF THE PORTLAND PLANNING BOARD, TO DAVID BATEMAN OF DIAMOND COVE ASSOCIATES. A COPY OF SAID LETTER IS ON FILE IN THE PLANNING DIVISION OFFICE OF THE DEPT. OF PLANNING AND URBAN DEVELOPMENT, CITY HALL, 399 CONGRESS ST. PORTLAND, ME.

General Notes

1. RECORD CHANGES OF THIS PLAN: DIAMOND COVE ASSOCIATES; CUMBERLAND COUNTY RECORDS OF RECORD CHANGES, CASE # 237.
2. PROPERTY IS LOCATED IN THE IR-3 ZONE OF THE PORTLAND ZONING ORDINANCE, PART OF THE CITY OF PORTLAND, MAINE. DIAMOND ISLAND ROAD, PORTLAND, ME. 04108.
3. TOTAL AREA OF THIS PLAN IS 63.31 AC.
4. ENGINE INFORMATION OBTAINED FROM VARIOUS PLANS OF THE PORTLAND PUBLIC UTILITIES COMMISSION (PUC) AND MAINE ELECTRIC COMPANY (MEIC) HAS BEEN INCORPORATED INTO THIS PLAN.
5. BOUNDARY SURVEY BY LAND USE CONSULTANTS, PORTLAND, ME., DATED SEPTEMBER 1986.
6. ALL RIGHTS AND UTILITIES TO BE OBTAINED AND MAINTAINED BY THE DIAMOND COVE HOMEOWNERS ASSOCIATION.
7. APPROXIMATE DRAINAGE TO PORTLAND CITY COUNCIL (PCC) TRENCH, PORTLAND, ME. 04108, IS SHOWN WITH THE TRENCH AND CATCH BASINS.
8. REFERENCE IS MADE TO PLANS C-1 AND C-2 OF THE PORTLAND PUBLIC UTILITIES COMMISSION (PUC) AND MAINE ELECTRIC COMPANY (MEIC) WHICH ARE ON FILE WITH THE PLANNING BOARD.
9. THE PURPOSE OF THIS PLAN IS TO DRAINAGE THE AREA OF THE IR-3 ZONE.
10. INSTRUMENTS UNDER REFERENCE IN THESE NOTES ARE ON FILE WITH THE CITY OF PORTLAND, ME. 04108.



DIAMOND COVE
Great Diamond Island
Portland, Maine

RECORDING PLAT

DIAMOND COVE ASSOCIATES - P.O. Box 3572, Portland, Maine

LAND USE CONSULTANTS
Land Planners - Engineers - Surveyors
17 Commercial Street, Portland, Maine, 04101

Scale: 1" = 140'

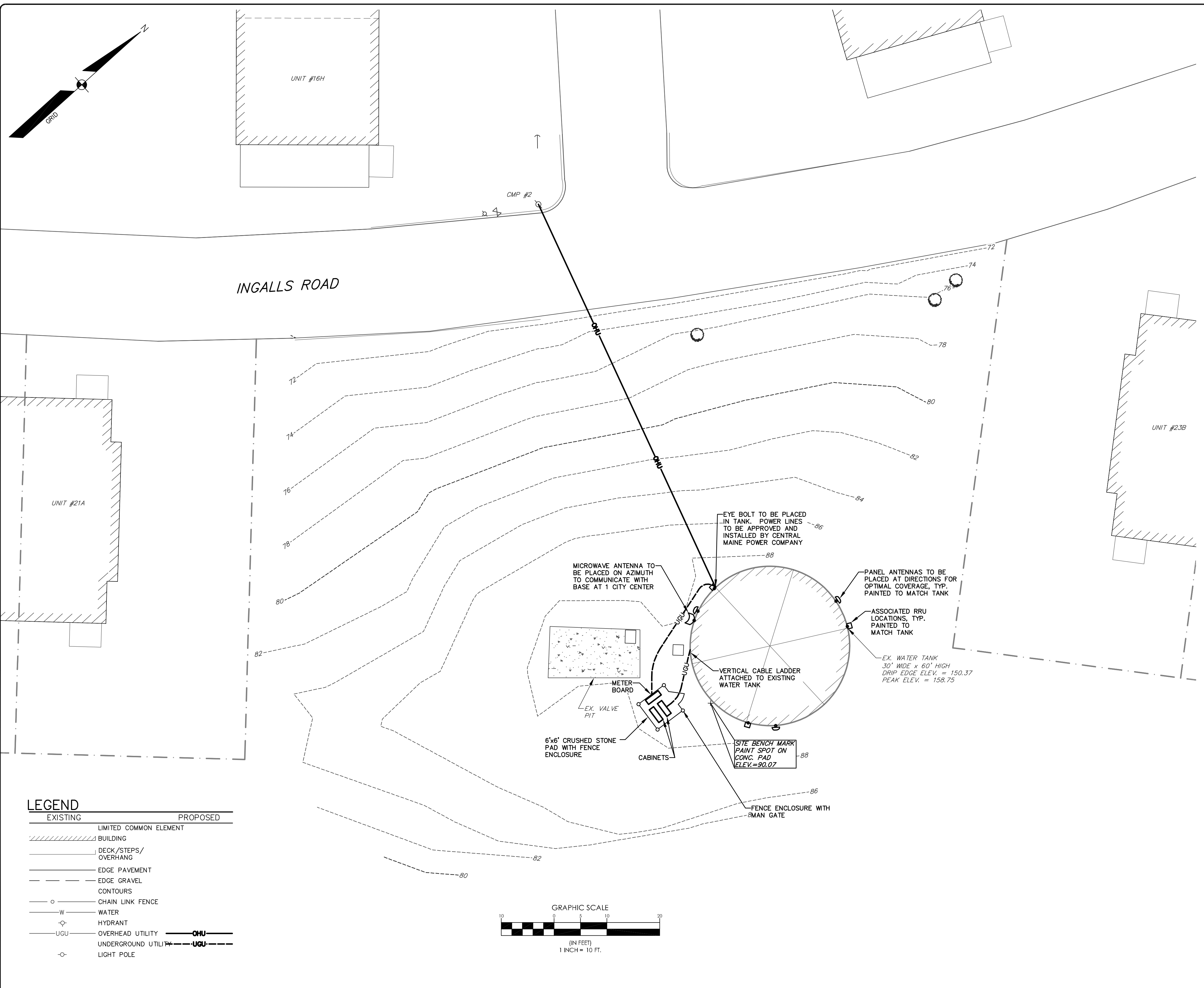
State of Maine, Cumberland ss.
Registry of Deeds
Received February 4, 1987
at 3:30 PM and recorded in
Plan Book 122 Page 54
Attest J. Walsh
Register

1 of 3

STATE OF MAINE
JEFFREY W. WALSH
REGISTERED
LAND SURVEYOR

11/27/87
12/29/87

SHEET BD-1



GENERAL NOTES:

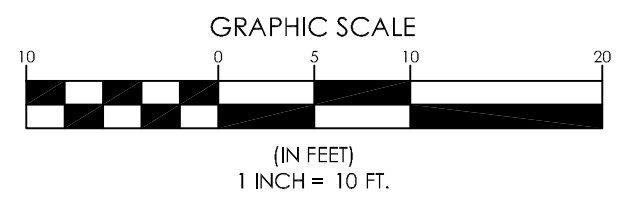
- THE RECORD OWNER OF THE PARCEL IS DIAMOND COVE ASSOCIATION BY DEED RECORDED AT THE CUMBERLAND COUNTY REGISTRY OF DEEDS.
- EXISTING CONDITIONS BASED SOLELY ON ON RECORDED PLANS FOR DIAMOND COVE PHASE 1.
- SPACE AND BULK CRITERIA:
 IR-3 ISLAND RESIDENTIAL ZONE
 PROPOSED USE: UTILITY SUBSTATION
 MIN. LOT WIDTH: 80'
 MIN. LOT SIZE: 35,000 S.F.
 MIN. STREET FRONTAGE: 70'
 MIN. FRONT YARD: 25'
 MIN. SIDE YARD: 20'
 MIN. REAR YARD: 25'
 MAX. BUILDING HEIGHT: 35'
 MAX. LOT COVERAGE: 20%
- PLAN REFERENCES:
 A. AMENDED PLAN OF DIAMOND COVE, DIAMOND COVE GREAT DIAMOND ISLAND PORTLAND, MAINE DATED JULY 1, 1999, PREPARED BY LAND USE CONSULTANTS.
 B. RECORDING PLAT DIAMOND COVE, GREAT DIAMOND ISLAND, MAINE, PREPARED BY LAND USE CONSULTANTS.

CONSTRUCTION NOTES:

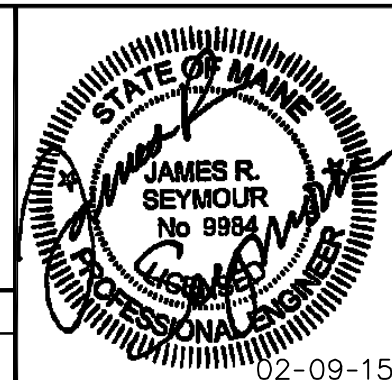
- ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES.
- CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- CONTRACTOR SHALL NOTIFY ENGINEER OF ALL PRODUCTS OR ITEMS NOTED AS "EXISTING" WHICH ARE NOT FOUND IN THE FIELD.
- INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE ENGINEER.
- CONTRACTOR SHALL CLEAN AND REMOVE DEBRIS AND SEDIMENT DEPOSITED ON PUBLIC STREETS, SIDEWALKS, ADJACENT AREAS, OR OTHER PUBLIC WAYS DUE TO CONSTRUCTION.
- CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT EXISTING STRUCTURES, PHYSICAL FEATURES, AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS DIRECTED BY DESIGN DRAWINGS.
- SITE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS PRIOR TO CONSTRUCTION. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER OR NOT SPECIFIED ON THE DRAWINGS.
- ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES" PUBLISHED BY THE CUMBERLAND COUNTY SOIL AND WATER CONSERVATION DISTRICT AND MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION, MARCH 1991 OR LATEST EDITION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO POSSESS A COPY OF THE EROSION CONTROL PLAN AT ALL TIMES.
- THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS BY THE SURVEYOR AND BY INFORMATION PROVIDED BY UTILITY COMPANIES. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE (1-888-DIGSAFE) AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES. CONTRACTORS SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE REQUIREMENTS OF 23 MRSA 3360-A. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE WITH THE APPROPRIATE UTILITIES TO OBTAIN AUTHORIZATION PRIOR TO RELOCATION OF ANY EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THESE PLANS. IF A UTILITY CONFLICT ARISES, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER, THE MUNICIPALITY AND APPROPRIATE UTILITY COMPANY PRIOR TO PROCEEDING WITH ANY RELOCATION.
- IMMEDIATELY UPON COMPLETION OF CUTS/FILLS, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.
- THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND RECTIFICATION OF ALL DAMAGED AND DEFECTIVE MATERIAL AND WORKMANSHIP IN CONNECTION WITH THE CONTRACT WORK. THE CONTRACTOR SHALL REPLACE OR REPAIR AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DEFECTIVE MATERIALS WHICH APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION.
- WHERE THE TERMS "APPROVED EQUAL", "OTHER APPROVED", "EQUAL TO", "ACCEPTABLE" OR OTHER GENERAL QUALIFYING TERMS ARE USED IN THESE NOTES, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING AND JUDGMENT OF SEBAGO TECHNICS, INC.
- THE GENERAL CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED OVER TO THE OWNER.
- THE GENERAL CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING ALL PHASES OF CONSTRUCTION FOR USE OF ALL TRADES.
- THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS NOT AUTHORIZED BY THE ENGINEER AND/OR THE NORTHEAST WIRELESS NETWORK REPRESENTATIVE.
- DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE ENGINEER AND THE NORTHEAST WIRELESS NETWORK REPRESENTATIVE FOR REVIEW AND APPROVAL PRIOR TO ANY WORK.
- BEFORE THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIALS, REPAIR OR REPLACE PRIVATE OR PUBLIC PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DURING CONSTRUCTION, CLEAN THE AREAS WITHIN AND ADJACENT TO THE PROJECT WHICH HAVE BEEN OBSTRUCTED BY HIS/HER OPERATIONS, AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.

LEGEND

EXISTING	PROPOSED
- - - - -	- - - - -
LIMITED COMMON ELEMENT	
▨	▨
BUILDING	
▨	▨
DECK/STEPS/ OVERHANG	
▨	▨
EDGE PAVEMENT	
▨	▨
EDGE GRAVEL	
▨	▨
CONTOURS	
- - - - -	- - - - -
CHAIN LINK FENCE	
○	○
WATER	
— W	— W
HYDRANT	
⊕	⊕
OVERHEAD UTILITY	
— OHU	— OHU
UNDERGROUND UTILITY	
— UGU	— UGU
LIGHT POLE	
○	○



SEBAGO TECHNICS
 WWW.SEBOGOTECHNICS.COM
 75 John Roberts Rd. Suite 1A South Portland, ME 04106
 250 Goddard Rd. Suite B Lewiston, ME 04240
 Tel. 207-200-2100 Tel. 207-783-5656



REV.	BY:	DATE:	STATUS:
C	JRS	02-09-15	ISSUED FOR PERMITTING APPROVALS
B	JRS	02-06-15	REVISED PER CLIENT COMMENTS
A	JRS	02-03-15	ISSUED TO CLIENT

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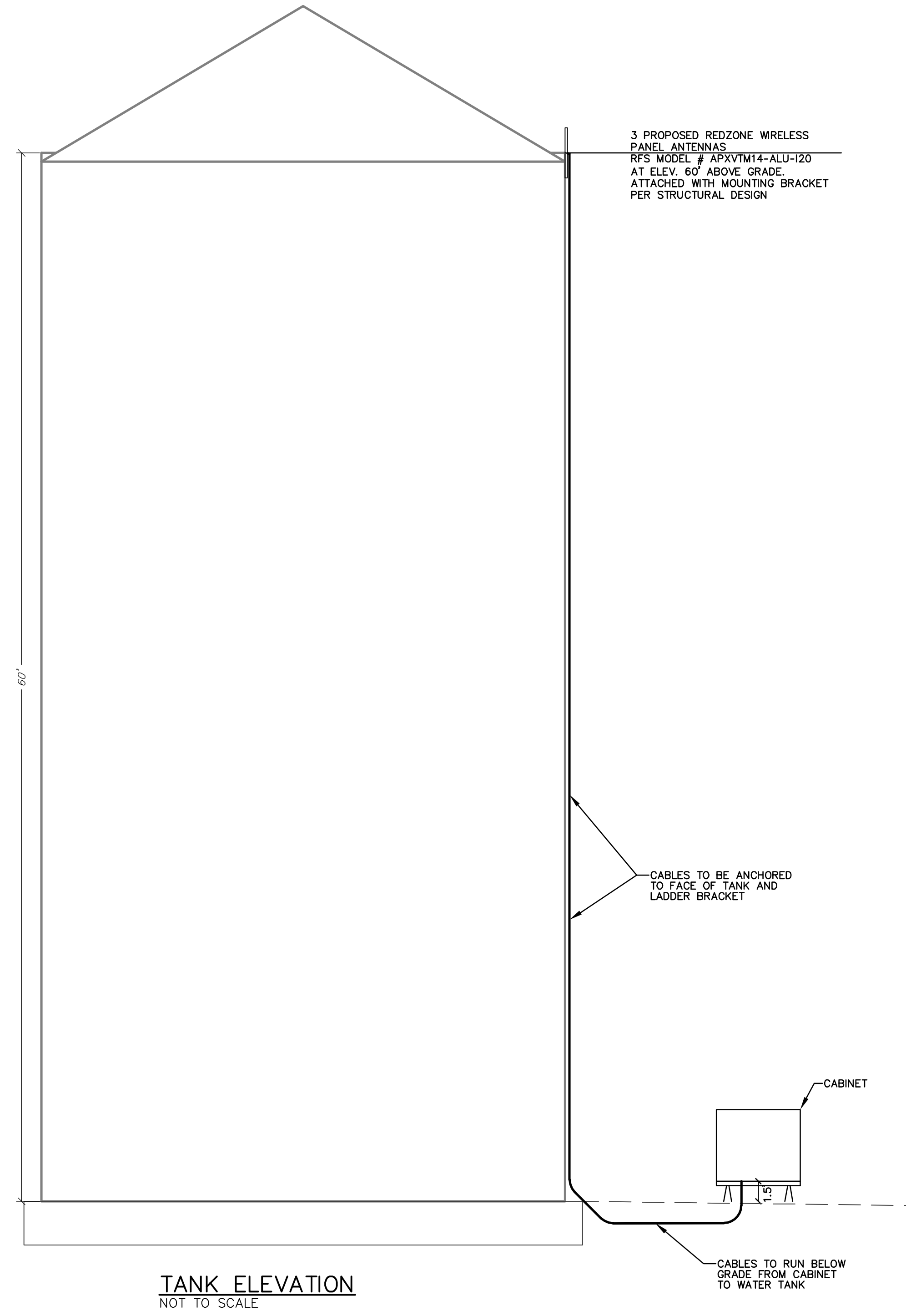
redzone
 REDZONE WIRELESS, LLC
 413 MAIN STREET
 P.O. BOX 435
 ROCKLAND, MAINE 04841
 TEL: (207) 596-5700

LAYOUT PLAN
 OF:
 DIAMOND ISLAND SITE
 DIAMOND COVE WATER TANK
 INGALLS ROAD
 PORTLAND, MAINE 04104

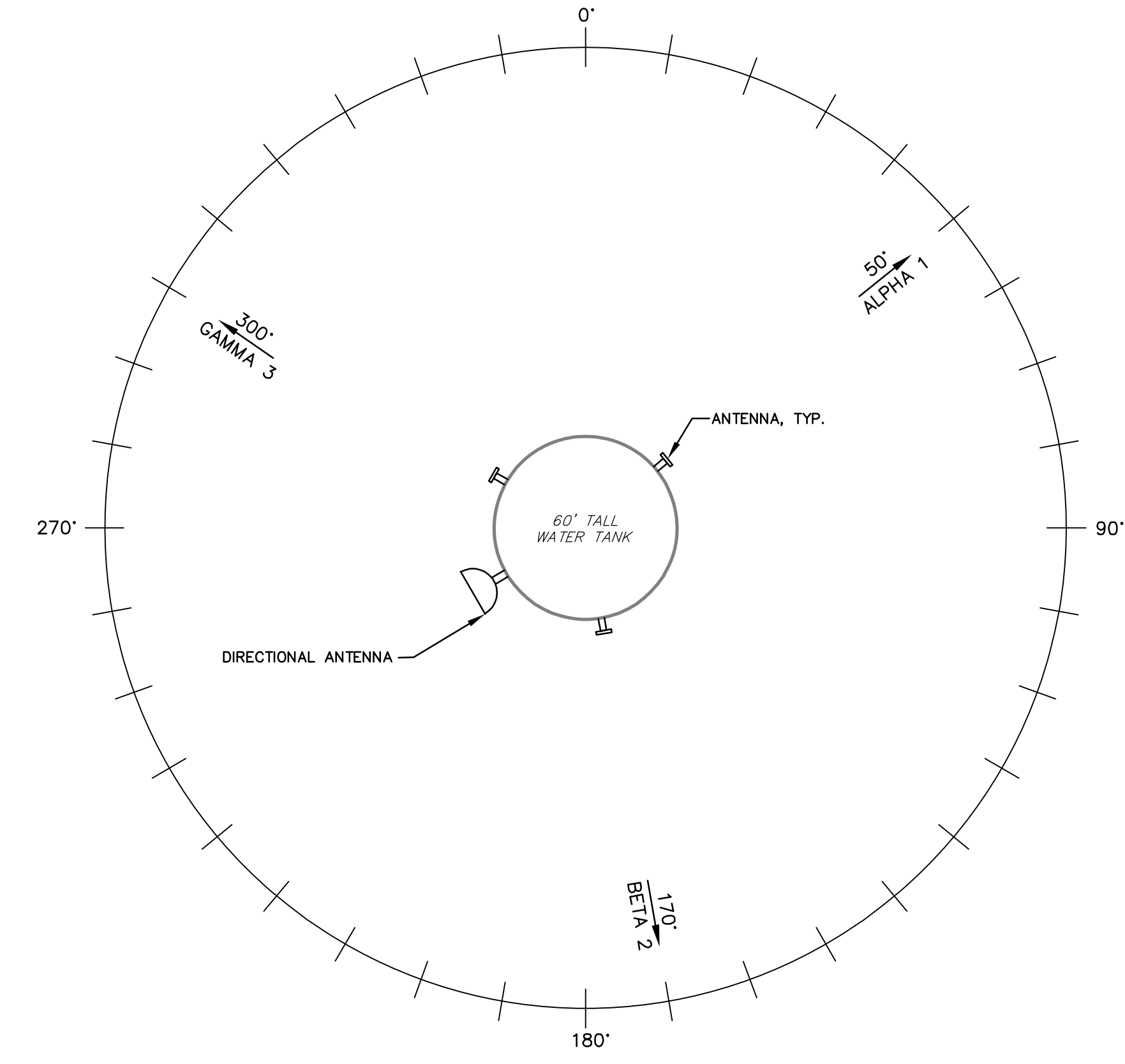
SHEET NUMBER:
C-1

SCALE	DATE
AS SHOWN	02-03-15

14-574rs.dwg, T-4-B-5

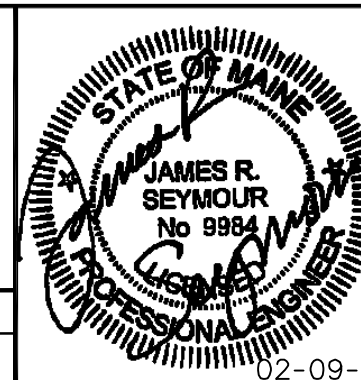


TANK ELEVATION
NOT TO SCALE



NEWN ANTENNA PLAN VIEW
NOT TO SCALE

SEBAGO
TECHNICS
WWW.SEBAGOTECHNICS.COM
75 John Roberts Rd. Suite 1A South Portland, ME 04106 Tel. 207-200-2100
250 Goddard Rd. Suite B Lewiston, ME 04240 Tel. 207-783-5656



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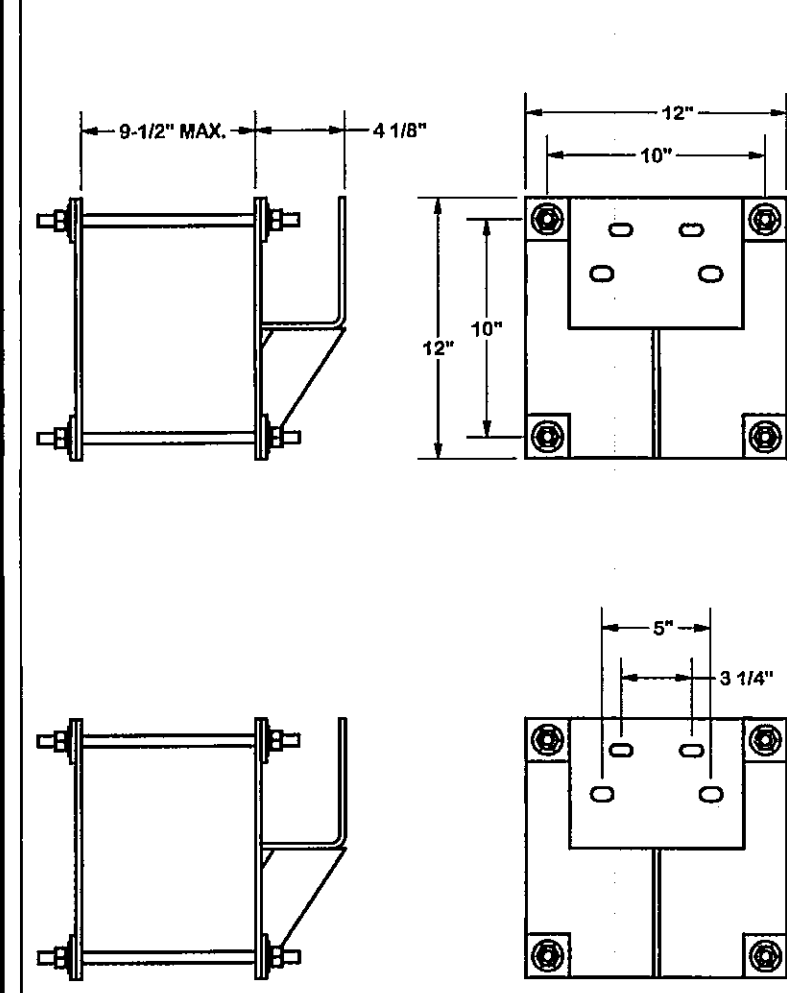
REDZONE WIRELESS, LLC
413 MAIN STREET
P.O. BOX 435
ROCKLAND, MAINE 04841
TEL: (207) 596-5700

TOWER ELEVATION & ANTENNA PLAN
OF:
DIAMOND ISLAND SITE
DIAMOND COVE WATER TANK
INGALLS ROAD
PORTLAND, MAINE 04104

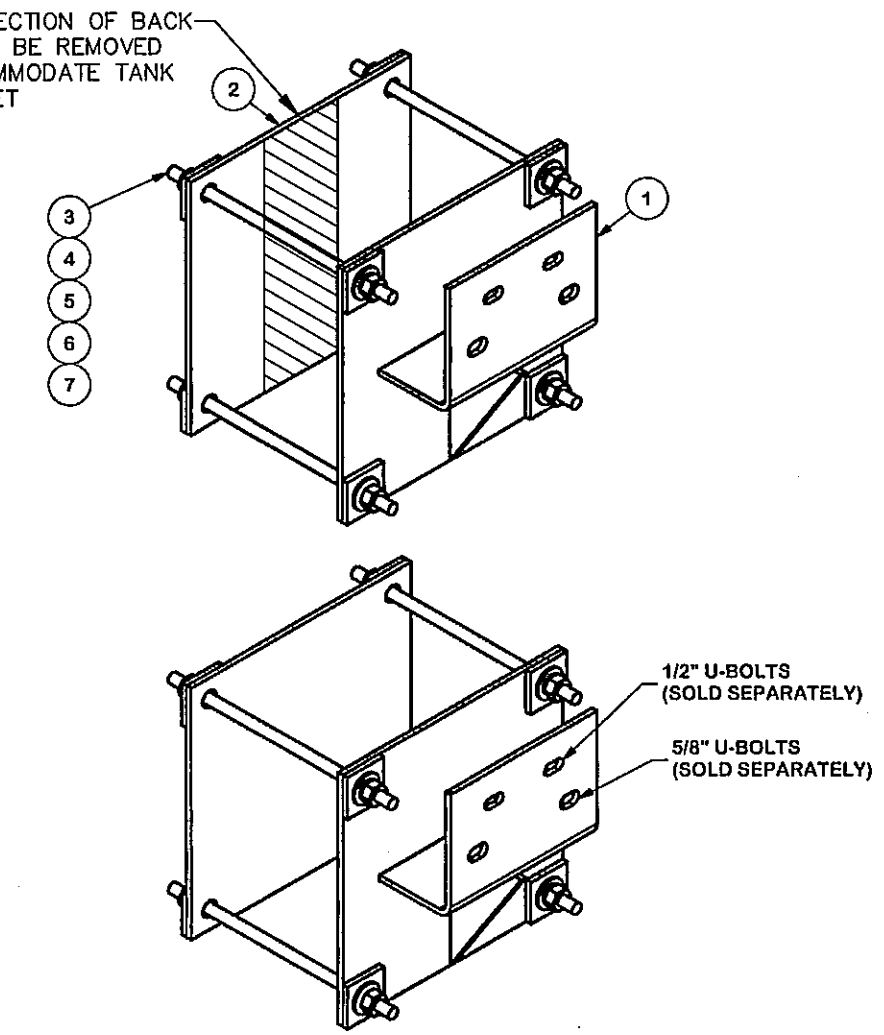
SHEET NUMBER:	
C-2	
SCALE	DATE
AS SHOWN	02-03-15

14-3741-rev.dwg, TAE-Model

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	2	X-SP22	HEAVY WALL MOUNT BRACKET		16.16	32.32
2	2	SP-221BP	12" x 12" WALL MOUNT BACKING PLATE	12 in	10.10	20.19
3	8	G12R-12	1/2" x 12" THREADED ROD (HDG.)		0.35	2.81
4	16	SQW12	1/4" x 2" FLAT STOCK	2 in	0.27	4.26
5	16	G12FW	1/2" HDG USS FLATWASHER		0.03	0.55
6	14	G12LW	1/2" HDG LOCKWASHER		0.31	0.19
7	16	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	1.15
					TOTAL WT. #	64.01



MIDDLE SECTION OF BACK PLATE TO BE REMOVED TO ACCOMMODATE TANK Z BRACKET

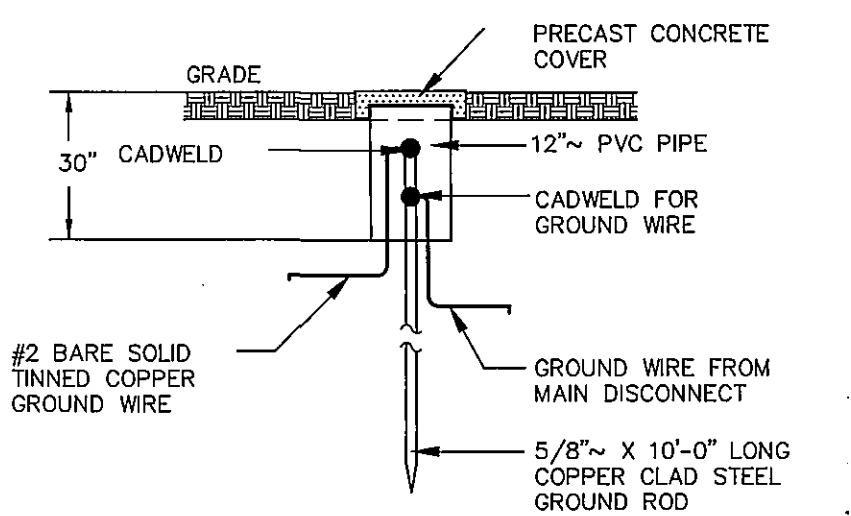


TOLERANCE NOTES
 TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWS, SHEARED AND GAS CUT EDGES (± 0.030")
 DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
 BENDS ARE ± 1/2 DEGREE
 ALL OTHER MACHINING (± 0.030")
 ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION	HOLLOW WALL KIT		
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
81 01	CEK	5/25/2011	SP221
CLASS	DRAWING USAGE	CHECKED BY	DWG. NO.
81 01	CUSTOMER	BMC	6/2/2011
			1 OF 1

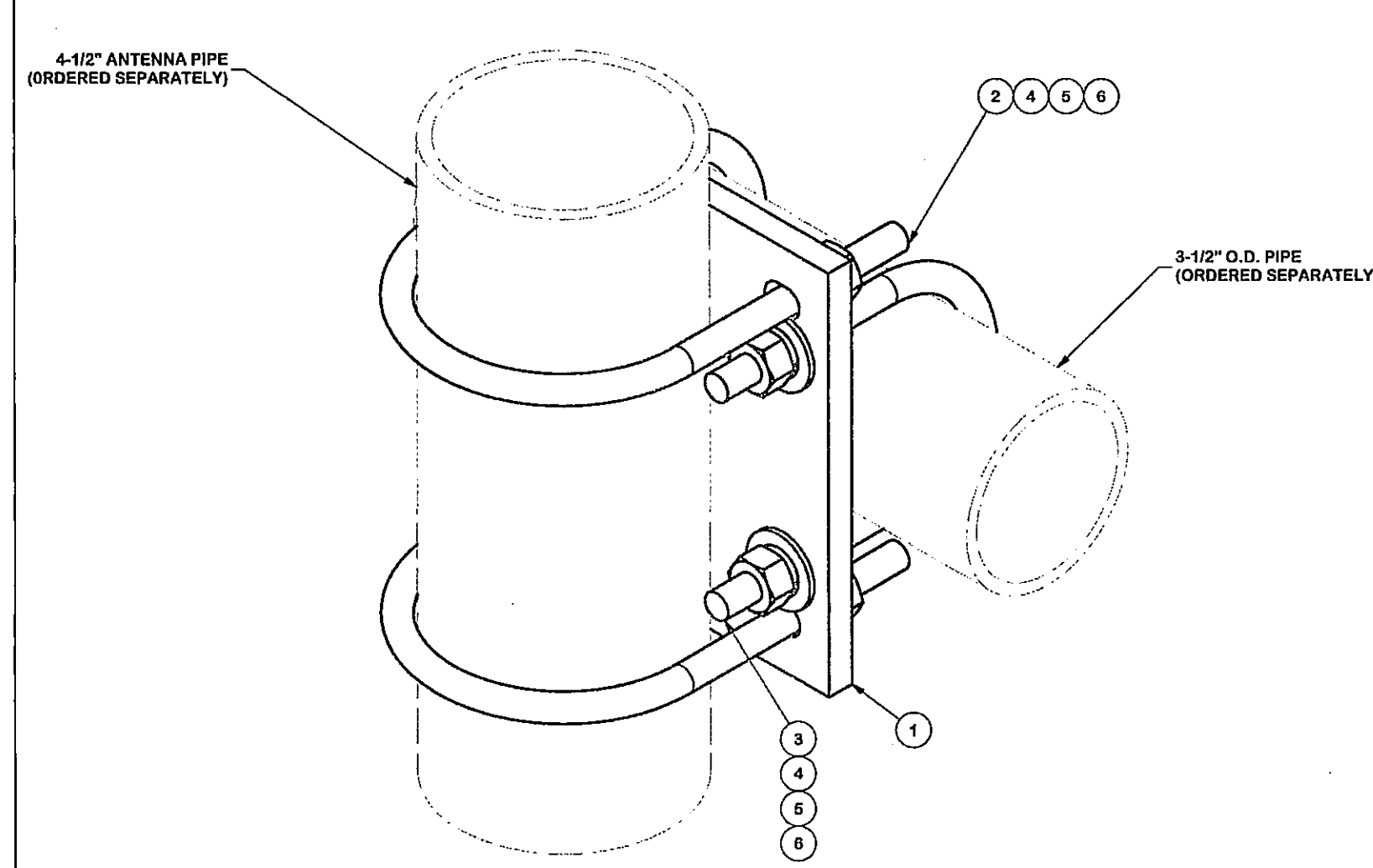
GENERAL NOTES:

- THE TYPE DIMENSIONS, MOUNTING HARDWARE, AND POSITIONS OF ALL EQUIPMENT FOR THE REDZONE WIRELESS INSTALLATION ARE SHOWN IN ILLUSTRATED FASHION. THESE DRAWINGS ARE NOT INTENDED FOR CONSTRUCTION ACTUAL HARDWARE DETAILS AND FINAL LOCATIONS MAY DIFFER SLIGHTLY FROM WHAT IS SHOWN.
- THE REDZONE WIRELESS EQUIPMENT CONSISTS OF AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
- THE DESIGN OF THE EQUIPMENT CABINET, FOUNDATION AND ANTENNA MOUNTING HARDWARE WILL MEET THE ANSI/EIA/71A-222-F STANDARDS FOR STRUCTURAL STEEL ANTENNA SUPPORTING STRUCTURES AND STATE BUILDING CODE REQUIREMENTS DETAILED CONSTRUCTION DRAWINGS WILL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER AND SUBMITTED WITH A BUILDING PERMIT APPLICATION FOR REVIEW AND APPROVAL BY THE LOCAL BUILDING CODE ENFORCEMENT OFFICIAL.
- THE PLAN DRAWINGS ARE INTENDED TO PROVIDE THE OWNER AND CONTRACTOR WITH SITING INFORMATION OF REDZONE WIRELESS PROPOSED CABINET EQUIPMENT AND ASSOCIATED APPURTENANCES FOR THE OPERATION OF A WIRELESS TELECOMMUNICATION FACILITY. THE PLANS ARE FOR LAYOUT AND SITE CONSTRUCTION PURPOSES AND ARE INDEPENDENT OF ANY REQUIRED ELECTRICAL, STRUCTURAL OR RADIO FREQUENCY REPORTS/FINDINGS WHICH MAY BE REQUIRED TO ACQUIRE LOCAL, STATE OR FEDERAL PERMITS OR REGISTRATIONS.



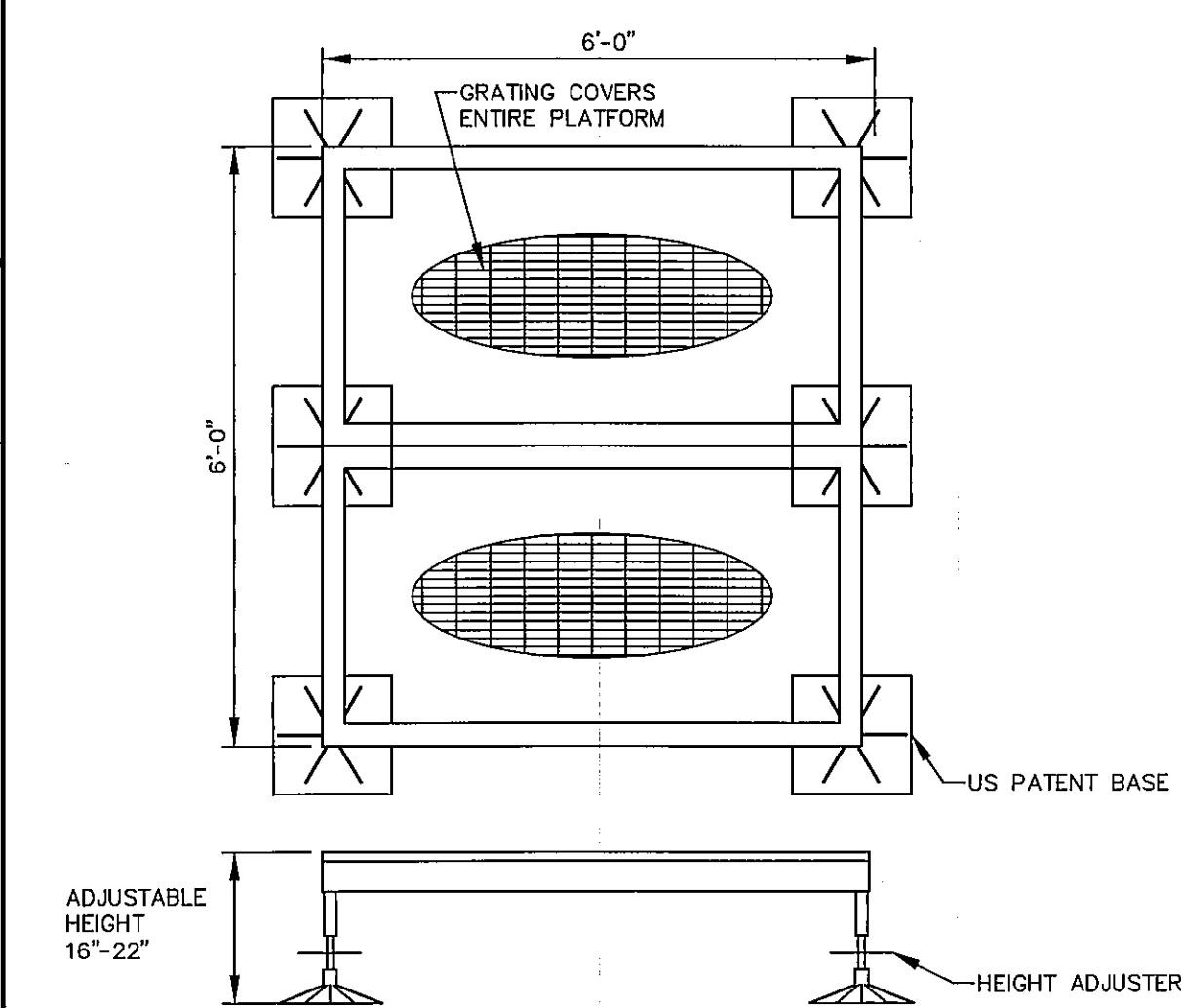
GROUND ROD INSPECTION WELL
NOT TO SCALE

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	1	SCX7	CROSSOVER PLATE	8 in	7.55	7.55
2	2	X-UB1458	1/2" X 4-5/8" X 7" X 3" U-BOLT (HDG.)		0.66	1.31
3	2	X-UB1358	1/2" X 3-5/8" X 5-1/2" X 3" U-BOLT (HDG.)		0.33	0.27
4	8	G12FW	1/2" HDG USS FLATWASHER		0.01	0.11
5	8	G12LW	1/2" HDG LOCKWASHER		0.07	0.57
6	8	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	0.57
					TOTAL WT. #	11.98



TOLERANCE NOTES
 TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
 SAWS, SHEARED AND GAS CUT EDGES (± 0.030")
 DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
 LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
 BENDS ARE ± 1/2 DEGREE
 ALL OTHER MACHINING (± 0.030")
 ALL OTHER ASSEMBLY (± 0.060")

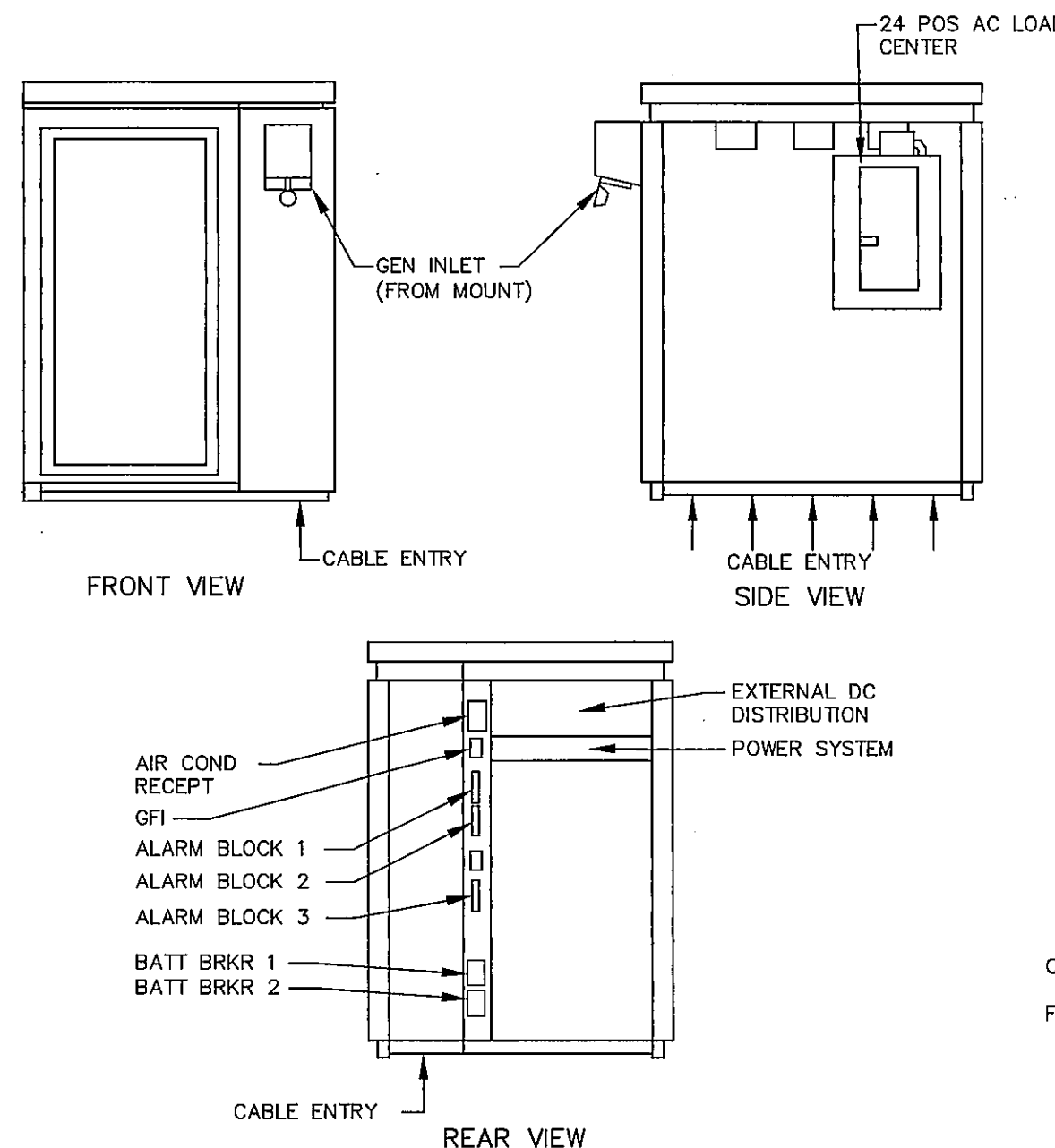
DESCRIPTION	CROSSOVER PLATE		
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.
81 01	CEK	9/23/2010	SCX7-K
CLASS	DRAWING USAGE	CHECKED BY	DWG. NO.
81 01	CUSTOMER	BMC	10/8/2010
			1 OF 1



6'x6' MODULAR PLATFORM
NOT TO SCALE

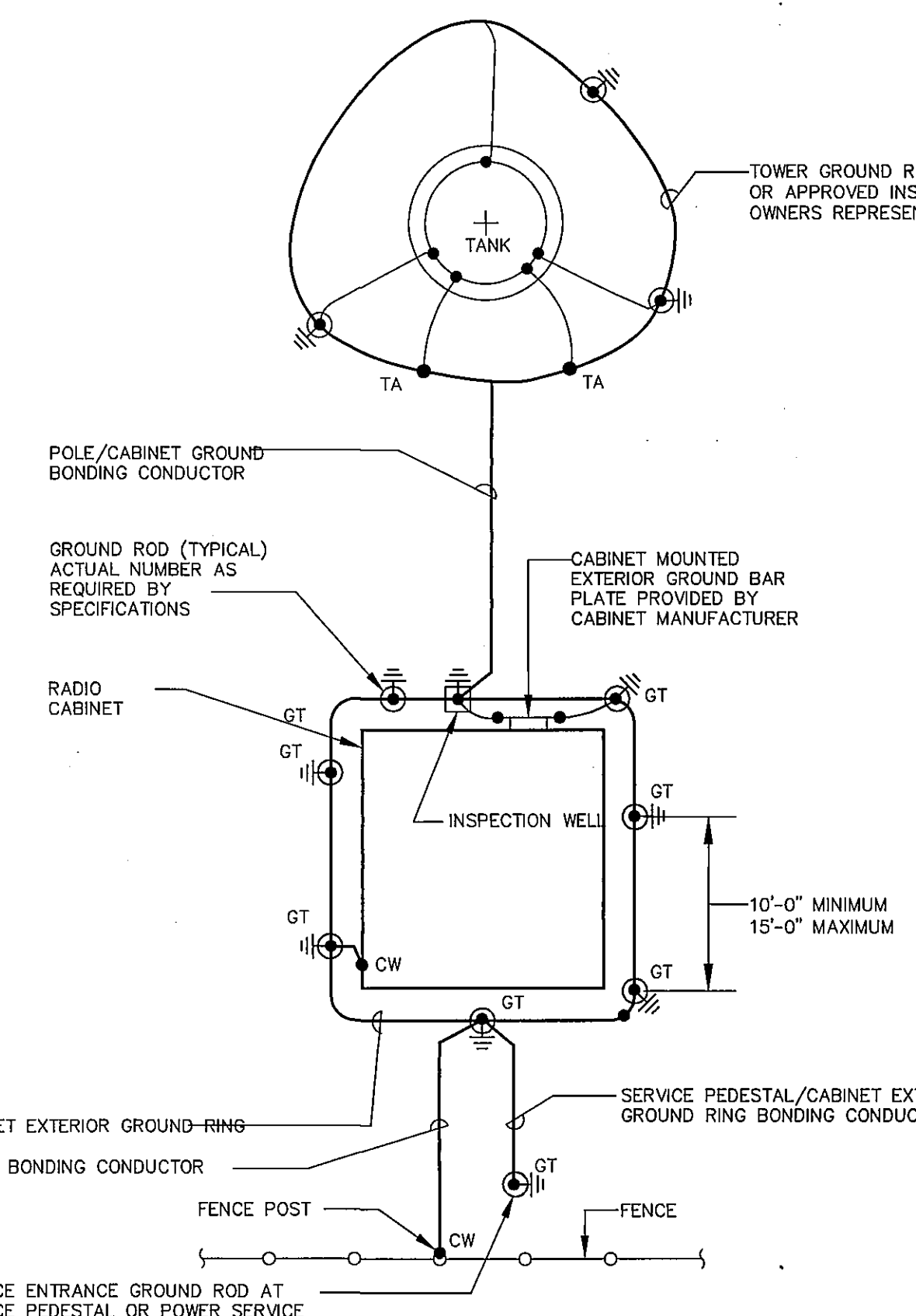
PRODUCT OF USS, INC.
(USS-006-012-9-MP)
MANUFACTURER'S NOTES

- ALL STEEL IS HOT-DIPPED GALVANIZED AFTER FABRICATION. EXCLUDING THE STAINLESS HEIGHT ADJUSTER.
- MODULAR FRAME IS CONSTRUCTED OF 3"x3"x1/4" STRUCTURAL ANGLE STEEL.
- US PATENT BASES ARE 12" SQUARE AND AN ELEVATED CENTER HUB FOR WEIGHT DISPERSION.
- PLATFORM HEIGHT IS ADJUSTABLE FROM 16" TO 22".



NETXTEND 31.5"Wx35.5"Dx63.6"H

EQUIPMENT LAYOUT
NOT TO SCALE
 PRODUCT OF ALCATEL-LUCENT
(9929 MT-BTS)



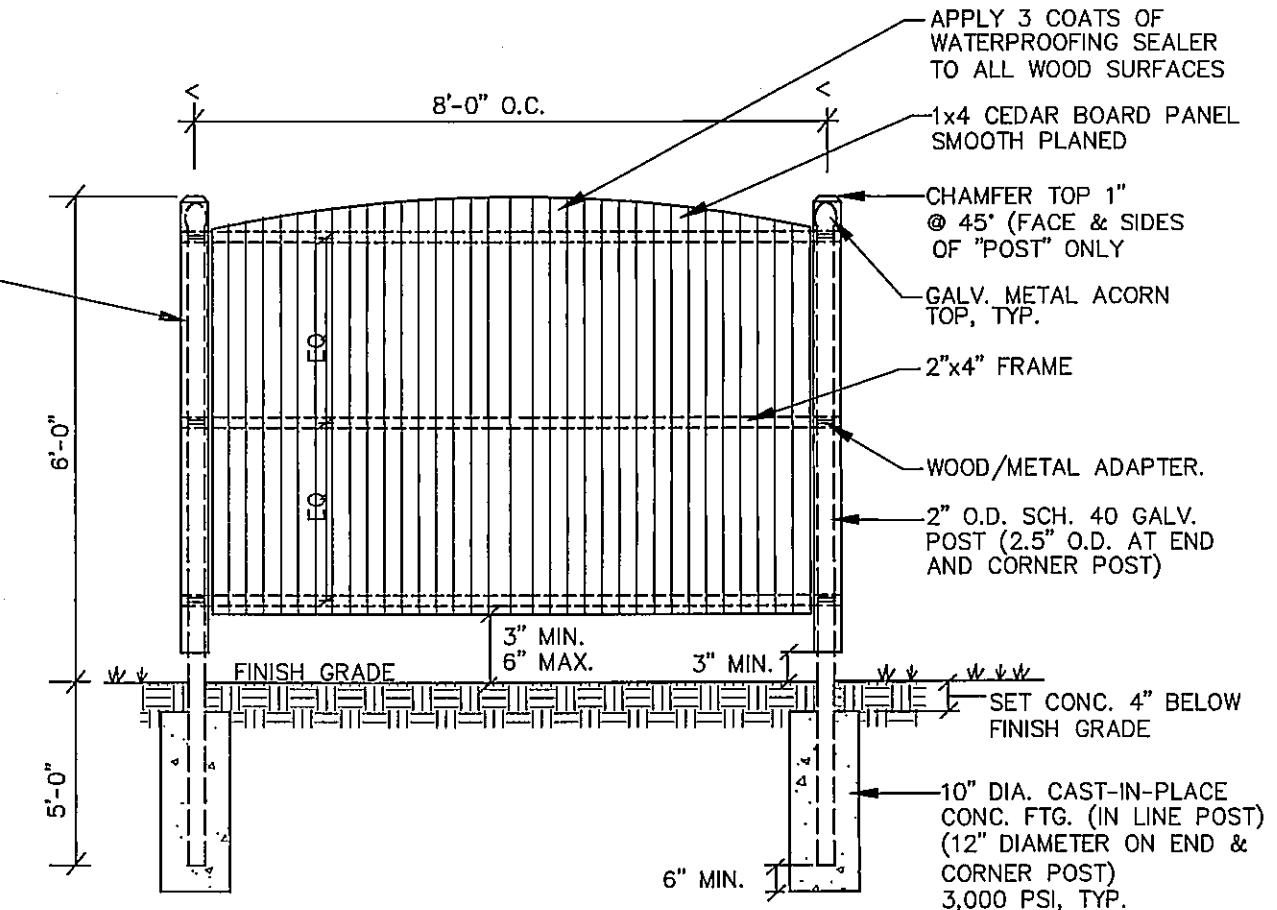
TYPICAL GROUNDING SCHEMATIC LAYOUT
NOT TO SCALE

GROUNDING LEGEND

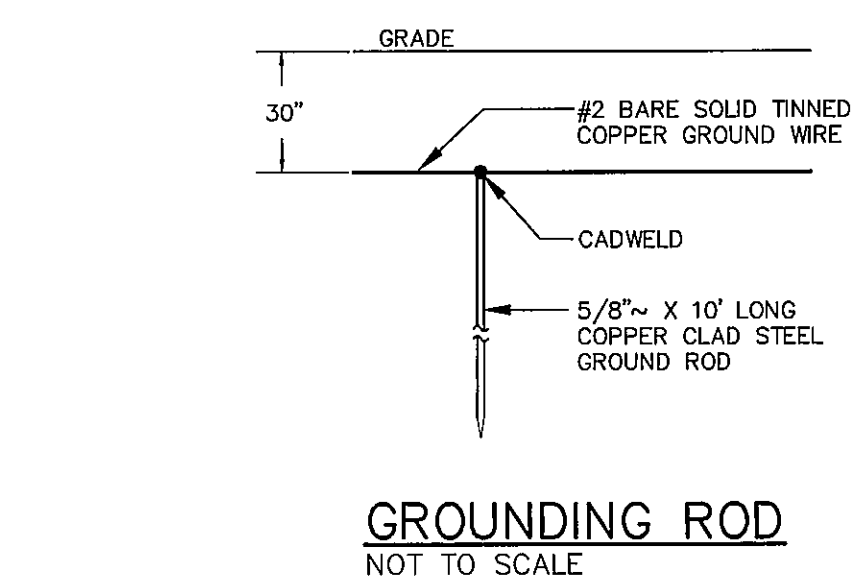
SYMBOL	DESCRIPTION
CW	CAD WELD
TA	CABLE TO CABLE "T" MOUNT
GT	CABLE TO GROUND ROD "T" MOUNT
(Symbol)	GROUND ROD W/CABLE CONNECTION
(Symbol)	# 2 SOLID TINNED COPPER WIRE 2; BELOW FINISH GRADE
(Symbol)	CAD WELD TYPE CONNECTION
(Symbol)	GROUND BAR COUNTERPOISE INSPECTION PIT

GROUNDING NOTES

- ALL DETAILS SHOWN FOR SCHEMATIC ONLY. ACTUAL GROUNDING INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
- CONTRACTOR SHALL VERIFY WITH NORTHEAST WIRELESS THE SPECIFIC GROUNDING SYSTEM APPROPRIATE FOR THE SITE BASED ON BEDROCK DEPTH AND SOIL CONDITIONS. THE CONTRACTOR SHALL USE ONE OF THESE SYSTEMS:
 A. COPPER GROUND ROD SYSTEM.
 B. COPPER PLATE GROUND SYSTEM.
 C. CHEMICAL GROUNDING ROD SYSTEM.
- ALL EXTERIOR GROUNDING AND TOP OF GROUNDING RODS SHALL BE BURIED TO A MINIMUM DEPTH OF 4.5 FEET BELOW FINISH GRADE, WITH THE EXCEPTION OF THE ELECTRIC METER GROUNDING ROD.
- ALL GROUNDING CONDUCTORS EXTENDING UNDERGROUND SHALL BE #2 SOLID TINNED COPPER.
- GROUND SYSTEM MUST BE TESTED AND SHALL HAVE A RESISTANCE OF 5 OHMS OR LESS. SUBMIT AN "INDEPENDENT FALL POTENTIAL" TESTING REPORT.
- NOTIFY NORTHEAST WIRELESS IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
- CHEMICAL GROUNDINGS SHALL BE XT, CHEM-ROD OR APPROVED EQUAL WHEN REQUIRED.
- ALL UNDERGROUND GROUNDING CONNECTORS ARE TO BE CADWELDED. ABOVE GRADE GROUNDING SHALL BE EITHER CADWELDED OR MECHANICAL AS SPECIFIED ON DRAWINGS.
- ALL GROUNDINGS ARE TO BE INSTALLED A MINIMUM OF 2'-0" FROM SHELTER OR TOWER.

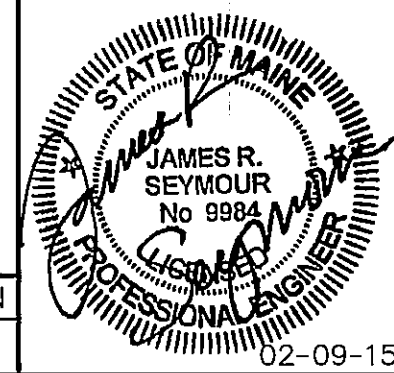


6' WOOD SCREEN FENCE
NOT TO SCALE



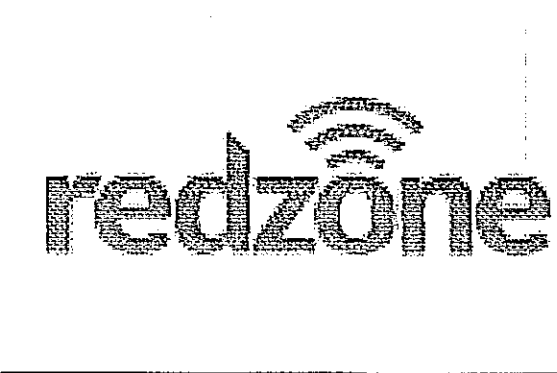
GROUNDING ROD
NOT TO SCALE

SEBAGO TECHNICS
 WWW.SE BAGOTECHNICS.COM
 75 John Roberts Rd. Suite 1A
 South Portland, ME 04106
 Tel. 207-200-2100



REV.	BY:	DATE:	STATUS:
C	JRS	02-09-15	ISSUED FOR PERMITTING APPROVALS
B	JRS	02-06-15	REVISED PER CLIENT COMMENTS
A	JRS	02-03-15	ISSUED TO CLIENT

THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO TECHNICS, INC. ANY ALTERATIONS, AUTHORIZED OR OTHERWISE, SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO TECHNICS, INC.



REDZONE WIRELESS, LLC
 413 MAIN STREET
 P.O. BOX 435
 ROCKLAND, MAINE 04841
 TEL: (207) 596-5700

CONSTRUCTION DETAILS
 OF:
DIAMOND ISLAND SITE
 DIAMOND COVE WATER TANK
 INGALLS ROAD
 PORTLAND, MAINE 04104

SHEET NUMBER:
D-1

SCALE	DATE
AS SHOWN	02-03-15