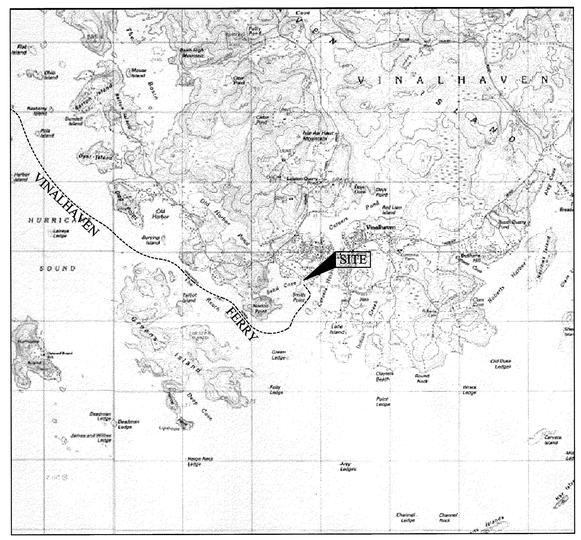
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

VINALHAVEN FERRY TERMINAL & CREW QUARTERS SEPTIC IMPROVEMENTS

018407.40



SCALE: 1" = 4000'

LIST OF DRAWINGS

TITLE SHEET.....1
SITE LAYOUT PLAN.....2
SITE UTILITY DETAILS.....3

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	DATE
APPROVED	
COMMISSIONER:	10/30/13
CHIEF ENGINEER:	10-29-13

STATE OF MAINE
ERIC DUBE
No. 12630
LICENSED
PROFESSIONAL ENGINEER

	BY	DATE
DESIGN-DETAILED	TD	9-13-13
CHECKED-REVIEWED	ED	9-13-13
REVISION 1		
REVISION 2		
REVISION 3		
FIELD CHANGES		

ME-12630
PE NUMBER

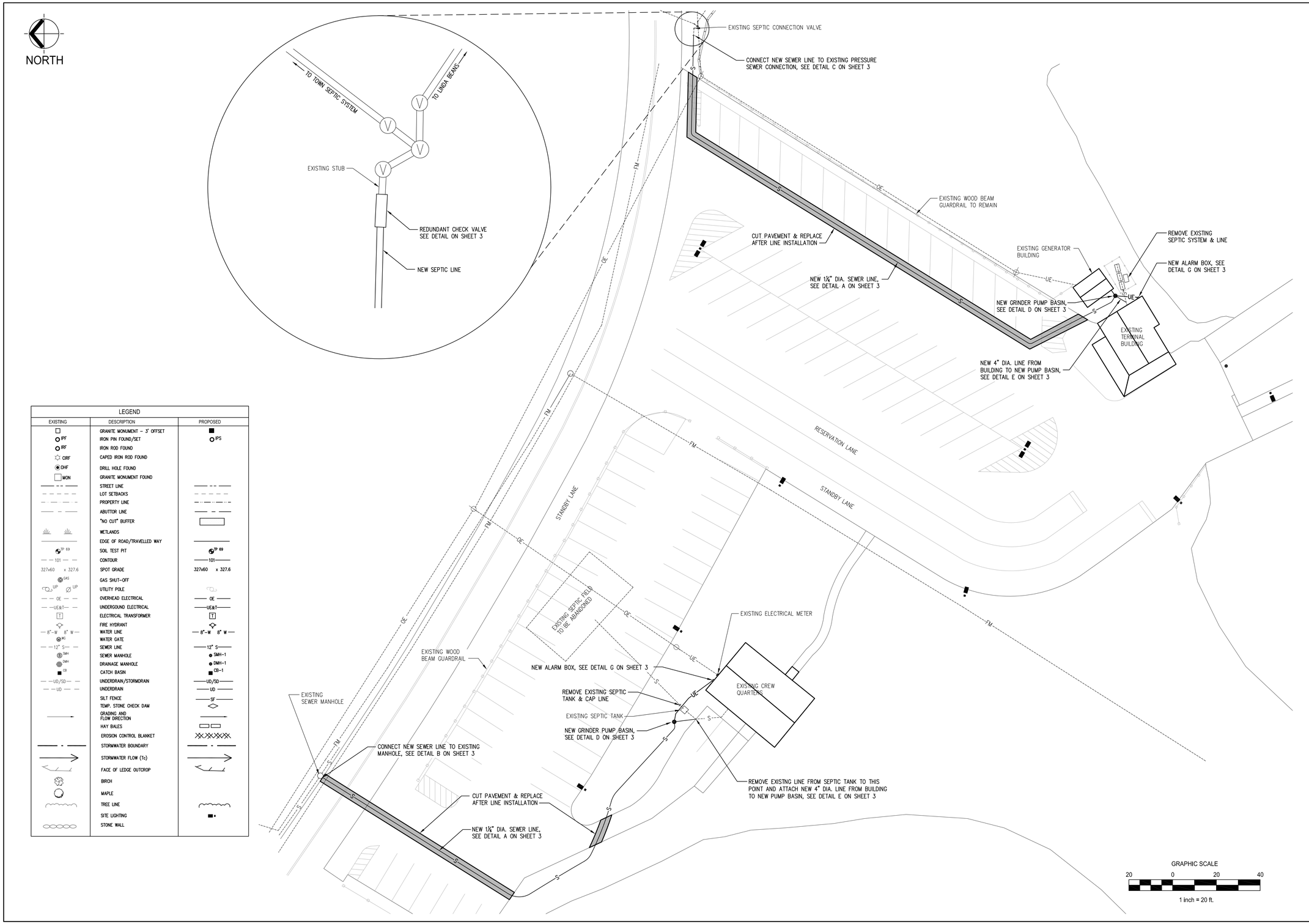
9-13-13
DATE

VINALHAVEN
SEPTIC IMPROVEMENTS

TITLE SHEET

SHEET NUMBER

1



LEGEND

EXISTING	DESCRIPTION	PROPOSED
	GRANITE MONUMENT – 3' OFFSET	
IPF	IRON PIN FOUND/SET	IPS
IRF	IRON ROD FOUND	
CIRF	CAPED IRON ROD FOUND	
DHF	DRILL HOLE FOUND	
MON	GRANITE MONUMENT FOUND	
	STREET LINE	
	LOT SETBACKS	
	PROPERTY LINE	
	ABUTTOR LINE	
	"NO CUT" BUFFER	
	WETLANDS	
	EDGE OF ROAD/TRAVELLED WAY	
TP 69	SOIL TEST PIT	TP 69
101	CONTOUR	101
327x60 x 327.6	SPOT GRADE	327x60 x 327.6
GAS	GAS SHUT-OFF	
UP UP	UTILITY POLE	
OE	OVERHEAD ELECTRICAL	OE
UE&T	UNDERGOUND ELECTRICAL	UE&T
T	ELECTRICAL TRANSFORMER	T
	FIRE HYDRANT	
8"-W 8" W	WATER LINE	8"-W 8" W
WG	WATER GATE	
12" S	SEWER LINE	12" S
SMH	SEWER MANHOLE	SMH-1
DMH	DRAINAGE MANHOLE	DMH-1
CB	CATCH BASIN	CB-1
UD/SD	UNDERDRAIN/STORMDRAIN	UD/SD
UD	UNDERDRAIN	UD
	SILT FENCE	SF
	TEMP. STONE CHECK DAM	
	GRADING AND FLOW DIRECTION	
	HAY BALES	
	EROSION CONTROL BLANKET	
	STORMWATER BOUNDARY	
	STORMWATER FLOW (Tc)	
	FACE OF LEDGE OUTCROP	
	BIRCH	
	MAPLE	
	TREE LINE	
	SITE LIGHTING	
	STONE WALL	

CASCO BAY ENGINEERING
424 Fore Street
Portland, ME 04101
Phone 207.842.2800
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www.cascobayengineering.com

PREPARED FOR:
STATE OF MAINE DOT
VINALHAVEN SEPTIC IMPROVEMENTS
WIN 018407.40

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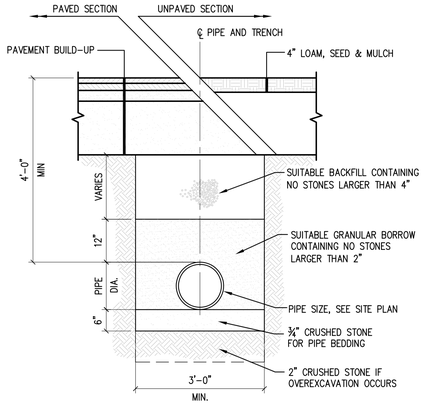
SEPTIC IMPROVEMENTS
SITE LAYOUT PLAN

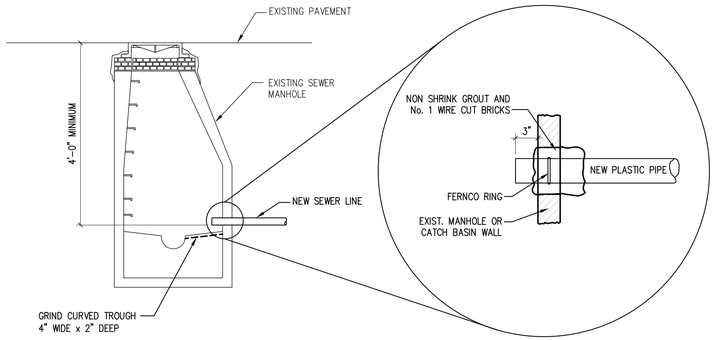
SHEET NUMBER
2



NOTE:
ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED BY THE DEPARTMENT.

A PIPE TRENCH DETAIL

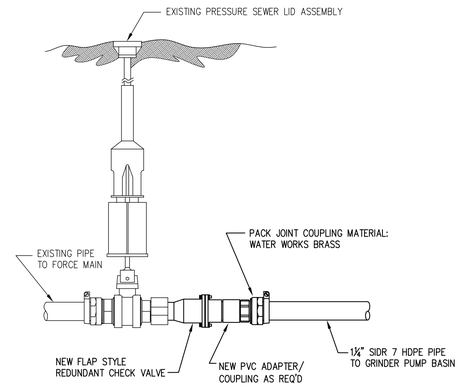
SCALE: NTS



NOTE:
EXISTING MANHOLE OR CATCH BASIN SHALL BE CORE DRILLED FOR PIPE INSTALLATION. IF PIPE DIAMETER IS SO LARGE THAT CORE DRILLING IS PROHIBITED, THE CONTRACTOR MAY USE ANY COMBINATION OF JACK HAMMERING AND SAW CUTTING THE STRUCTURE TO CREATE PIPE OPENING. THE NEW OPENING MUST THEN BE SEALED AND WATERTIGHT BOTH INSIDE AND OUTSIDE THE STRUCTURE.

B SEWER CONNECTION TO EXISTING MANHOLE

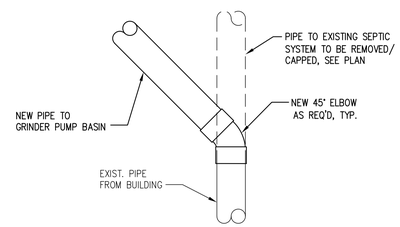
SCALE: NTS



NOTES:
1. ALL PACK JOINT COUPLINGS SUPPLIED WITH INSERT STIFFENERS
2. PRESSURE RATING: 150 PSI

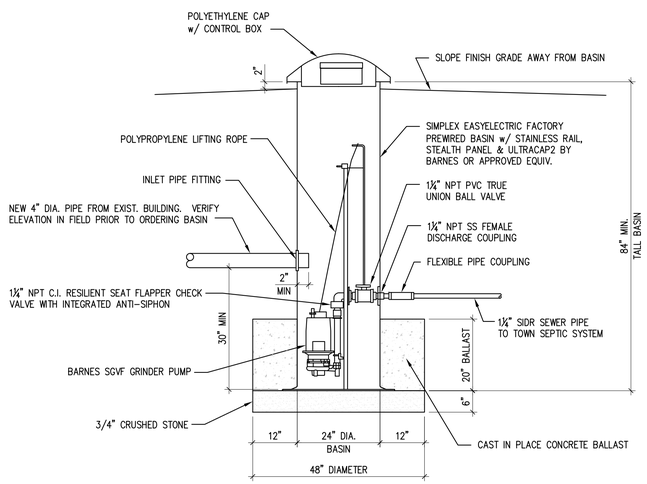
C PRESSURE SEWER SERVICE CONNECTION

SCALE: NTS



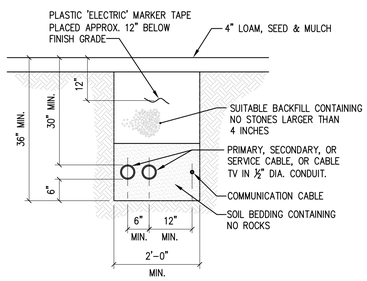
E SEWER CONNECTION TO EXISTING BUILDING

SCALE: NTS



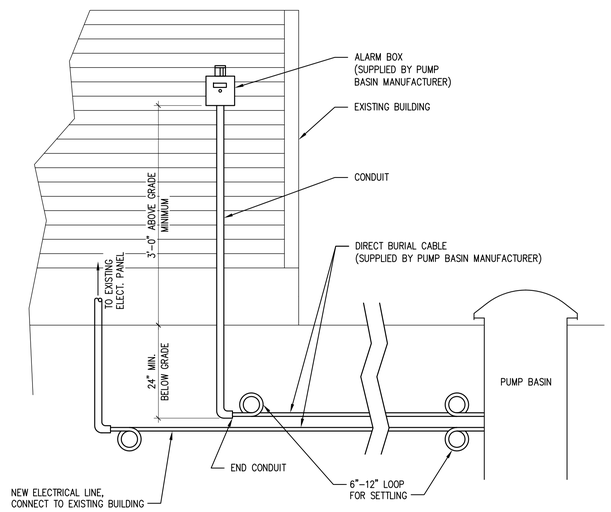
D GRINDER PUMP BASIN DETAIL

SCALE: NTS



F UNDERGROUND WIRE TRENCH DETAIL

SCALE: NTS



G ELECTRICAL PANEL/ALARM DETAIL

SCALE: NTS

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VINALHAVEN SEPTIC IMPROVEMENTS

SITE UTILITY DETAILS

SHEET NUMBER

3