

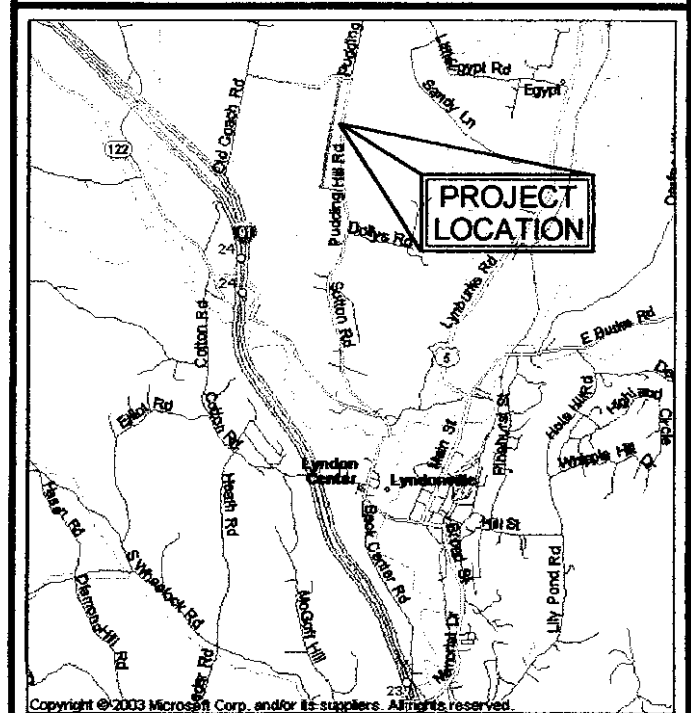


SITE ENGINEER:

CIVIL ENGINEERING ASSOCIATES, INC.
 P.O. BOX 485 SHELburnE, VT 05482
 802-985-2323 FAX: 802-985-2271 web: www.cca-vt.com
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DRAWN: PJM
 CHECKED: BCE
 APPROVED: BCE
 OWNER:


STATE OF VERMONT
 VERMONT AGENCY OF TRANSPORTATION
 MONTPELIER, VERMONT

PROJECT:
CALEDONIA COUNTY STATE AIRPORT
 PUDDING HILL ROAD
 LYNDON, VERMONT



LOCATION MAP
 1" = 1.2 miles

DATE	CHECKED	REVISION
4/6/05	BCE	ADDED UNDERGROUND LP TANK / MINOR TEXT REVISION

PROPOSED CONDITIONS PLAN

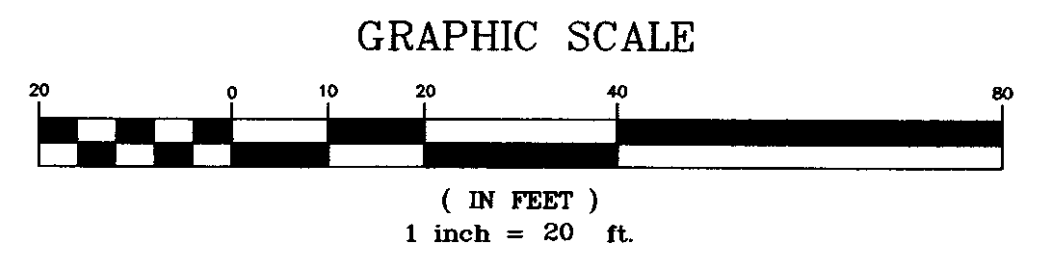
DATE: JAN., 2005
 SCALE: 1" = 20'
 PROJ. NO.: 03146.03
 DRAWING NUMBER: **C1.0**

LEGEND

- 1186 --- EXISTING CONTOUR
- SS --- GRAVITY SEWER LINE
- FM --- FORCE MAIN
- W --- WATER LINE
- OE --- OVERHEAD ELECTRIC
- ST --- STORM DRAINAGE LINE
- ⊙ --- SEWER MANHOLE
- ⊙ --- POWER POLE
- ⊕ --- CATCH BASIN
- ⊕ --- WELL
- ⊕ --- SIGN
- X --- FENCE
- --- DRAINAGE SWALE

- NOTES:
- Underground utilities shown hereon are based on utility evidence visible at ground surface and are subject to field verification by excavation. Utilities shown do not purport to constitute or represent all utilities located upon or adjacent to the surveyed premises. All discrepancies shall be reported to the Engineer. The Contractor shall contact Dig Safe (800-225-4977) prior to any construction.
 - All existing utilities not incorporated into the final design shall be removed or abandoned as indicated on the plans or directed by the Engineer.
 - The Contractor shall maintain as-built plans (with ties) for all underground utilities. Those plans shall be submitted to the Owner at the completion of the project.
 - The Contractor shall repair/restore all disturbed areas (on or off the site) as a direct or indirect result of the construction.
 - All grassed areas shall be maintained until full vegetation is established.
 - Maintain all trees outside of construction limits.
 - The Contractor shall be responsible for all work necessary for complete and operable facilities and utilities.
 - The Contractor shall submit shop drawings for all items and materials incorporated into the site work. Work shall not begin on any item until shop drawing approval is granted.
 - In addition to the requirements set in these plans and specifications, the Contractor shall complete the work in accordance with all permit conditions and any local Public Works Standards.
 - The tolerance for finish grades for all pavement, walkways and lawn areas shall be 0.1 feet.
 - Any dewatering necessary for the completion of the sitework shall be considered as part of the contract and shall be the Contractor's responsibility.
 - Existing pavement and tree stumps to be removed shall be disposed of at an approved off-site location. All pavement cuts shall be made with a pavement saw.
 - If there are any conflicts or inconsistencies with the plans or specifications, the Contractor shall contact the Engineer for verification before work continues on the item in question.

- TEST PIT DATA
 Caledonia Airport
 Lyndon, VT
 February 25, 2004
- Test Pit #1
 0 - 4" Brown fine sandy loam, friable
 4 - 16" Brown fine sandy loam, friable
 16 - 26" Yellowish brown loamy sand
 26 - 48" Sandy loam, very firm, mottled @ 26"
- Test Pit #2
 0 - 10" Dark brown fine sandy loam, very firm
 10 - 14" Yellowish brown fine sandy loam, very friable
 14 - 19" Silt loam, firm
 19 - 26" Dark brown silt loam, firm
 26 - 4" Yellowish brown, loamy sand, friable, mottled @ 33"
- Test Pit #3
 0 - 6" Dark brown fine sandy loam, friable
 6 - 12" Brown fine sandy loam, friable
 12 - 31" Yellowish brown fine sandy loam, friable
 31 - 58" Greyish brown loamy sand, mottled
- Test Pit #4
 0 - 10" Dark brown fine sandy loam, very friable
 10 - 28" Light brown fine sandy loam
 28 - 54" Grayish brown fine sandy loam, mottled @ 33"
- Test Pit #5
 0 - 12" Dark brown fine sandy loam, very friable
 12 - 24" Light brown fine sandy loam
 24 - 50" Grayish brown fine sandy loam, mottled
- Test Pit #6
 0 - 5" Reddish brown fine sandy loam
 5 - 24" Yellowish brown sandy loam, firm
 24 - 32" Dark brown fine sandy loam, firm
 32 - 60" Yellowish brown sandy loam, firm




- NOTES:
- THIS WASTEWATER SYSTEM IS DESIGNED BASED UPON THE STATE OF VERMONT "ENVIRONMENTAL PROTECTION RULES, WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES", AUGUST 16, 2002 RULES.
 - ELEVATIONS ARE BASED UPON NATIONAL GEODETIC SURVEY MARK "LYNPOT", ELEVATION 1182.67' (NAVD 88) EXPRESSED IN U.S. SURVEY FEET.
 - THIS PLAN IS NOT A BOUNDARY SURVEY AND IS NOT INTENDED TO BE USED AS ONE.

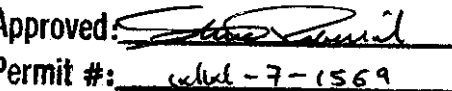
GPS COORDINATES

	LATITUDE	LONGITUDE
CENTER OF WASTEWATER SYSTEM	N44°34'22.4"	W72°00'55.7"
CENTER OF DRILLED WELL	N44°34'21.8"	W72°00'58.5"

(WGS 84 CRITERIA, ±50" ACCURACY)

I HEREBY CERTIFY THAT THE DESIGN-RELATED INFORMATION SUBMITTED WITH THIS APPLICATION IS TRUE AND CORRECT, AND THAT, IN THE EXERCISE OF MY REASONABLE PROFESSIONAL JUDGMENT, THE DESIGN INCLUDED IN THIS APPLICATION FOR A PERMIT COMPLIES WITH THE VERMONT WASTEWATER SYSTEM AND POTABLE WATER SUPPLY RULES AND THE VERMONT WATER SUPPLY RULES.

DESIGNER SIGNATURE: 
 DATE: 4/8/05

Dept. of Environmental Conservation
 Approved: 
 Permit #: 1064-7-1569
 Date: 4/29/05