

LANDSCAPE ARCHITECT:



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T: 734.668.7416 F: 734.668.2323 www.jhlandethics.com

ENGINEERS:

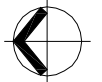


241 East State Street
Traverse City, MI 49684
231.947.4000/360.968.6680
FAX: 231.946.1000
www.wadetrim.com

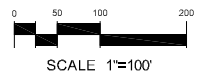
OWNER:
**DCR INVESTMENTS
L.L.C.**
2780 Holyoke Lane
ANN ARBOR, MICHIGAN 48103
PHONE: 734.665.6682

**CENTURY FARM
VILLAGE**

LONG LAKE TOWNSHIP
MICHIGAN



NORTH



SCALE 1"=100'

05 OCT. 2007	LONG LAKE TOWNSHIP PLANNING COMMISSION
14 AUG. 2007	FINAL PLAN
19 MAY. 2006	LLT SUBMITTAL
DATE	ISSUED FOR

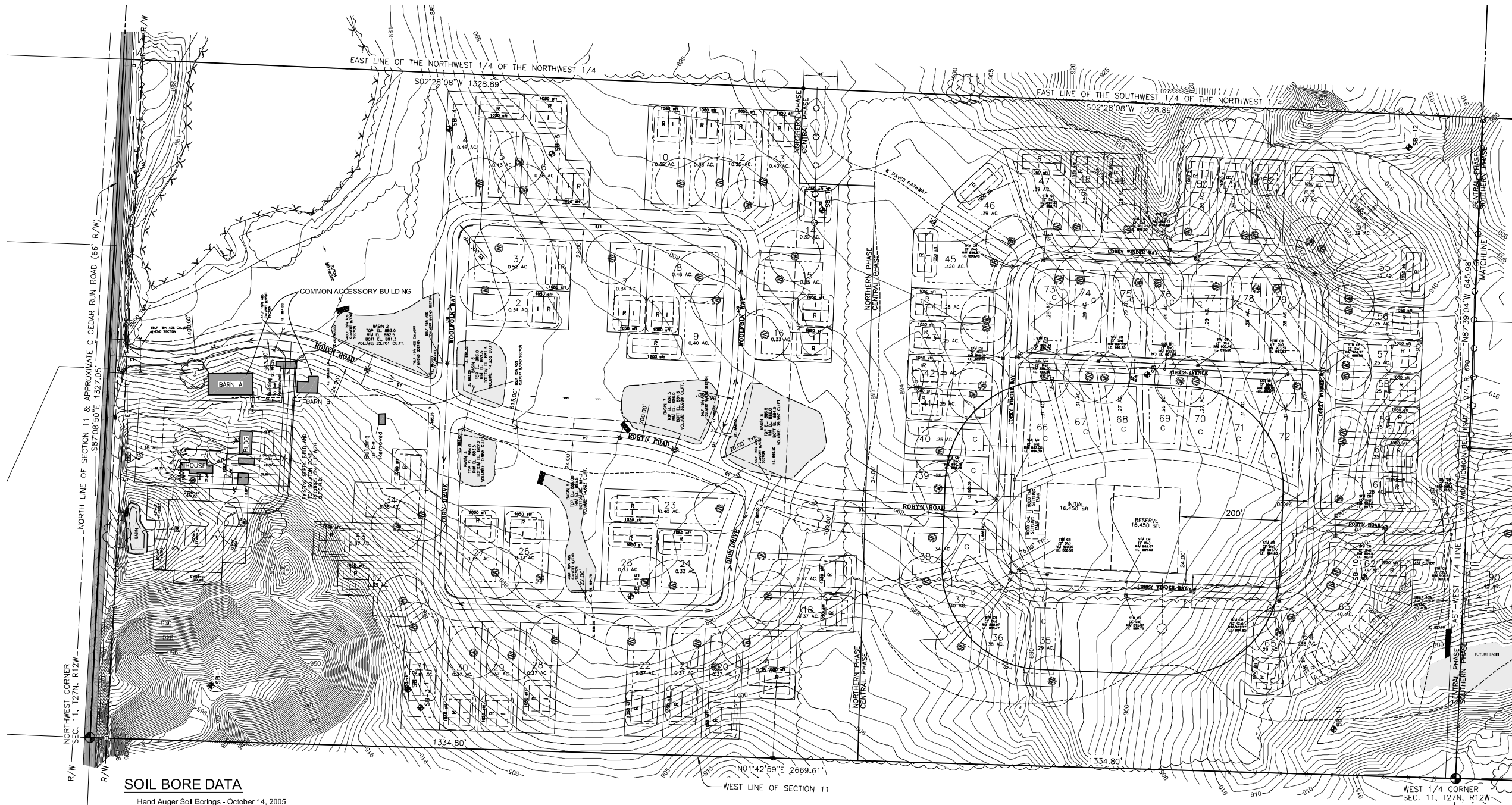
DRAWN	MHK
CHECKED	CBH

JOB NO.
06WOL01

TITLE
**UTILITY PLAN
NORTH**

SHEET

5

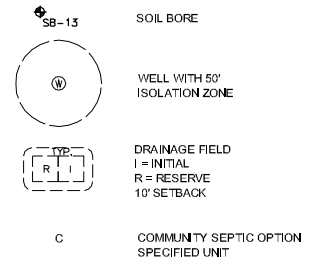


SOIL BORE DATA

Hand Auger Soil Borings - October 14, 2005

BORING	DEPTH	SOIL TYPE	BORING	DEPTH	SOIL TYPE	BORING	DEPTH	SOIL TYPE
SB #1	0 - 6" 6" - 3'-0" 3'-0" - 5'-3"	Topsoil Medium brown sand Fine light brown sand with gravel	SB #5	0 - 9" 9" - 1'-3" 1'-3" - 3'-6" 3'-6" - 6'-0" 6'-0" - 7'-6" 7'-6" - 9'-0"	Topsoil Loamy sand with cemented lenses Loamy sand Dry medium tan sand with brown sand lenses and pebbles Medium to coarse tan sand Moist medium to coarse sand	SB #10	0 - 9" 9" - 3'-6" 3'-6" - 4'-0" 4'-0" - 7'-0" 7'-0" - 7'-6"	Topsoil Brown medium sand Brown sandy clay Medium tan sand Medium tan with stones
SB #2	0 - 6" 6" - 3'-0"	Topsoil Medium brown sand	SB #6	0 - 3" 3" - 4'-6" 4'-6" - 4'-9" 4'-9" - 5'-0"	Topsoil Medium coarse light brown sand with pebbles Medium sand with pebbles with dark organic sandy loam Medium coarse light brown sand with pebbles	SB #11	0 - 12" 12" - 1'-6" 1'-6" - 8'-0"	Topsoil Medium loamy sand Medium tan sand
SB #3	0 - 10" 10" - 2'-6" 2'-6" - 3'-0" 3'-0" - 4'-6"	Topsoil Medium brown sand Fine light brown sand with gravel Fine light brown sand with large gravel	SB #7	0 - 3" 3" - 4'-6" 4'-6" - 5'-0"	Topsoil Light brown medium sand with pebbles Tan sand with pebbles	SB #12	0 - 8" 8" - 2'-0" 2'-0" - 5'-5" 5'-5"	Topsoil Medium brown sand Light tan sand with gravel Refusal
SB #4	0 - 6" 6" - 12" 12" - 1'-6" 1'-6" - 3'-2" 3'-2" - 5'-0" 5'-0" - 5'-6" 5'-6" - 7'-6" 7'-6" - 8'-6" 8'-6" - 9'-0"	Topsoil Loamy sand Loamy silty sand Silty sand Medium sand with clay lenses Brown clay Dry Tan Sand Tan sand with clay lenses Brown clayey sand	SB #8	0 - 3" 3" - 2'-0" 2'-0" - 7'-0" 7'-0" - 8'-0"	Topsoil Reddish loamy medium sand Medium tan sand with pebbles Medium tan sand with stones	SB #13	0 - 6" 6" - 3'-0" 3'-0" - 4'-6" 4'-6"	Topsoil Fine tan sand Dark brown loamy sand Fine tan sand with gravel and stones Refusal
			SB #9	0 - 1'-4" 1'-4" - 2'-0" 2'-0" - 3'-0" 3'-0" - 3'-4" 3'-4" - 7'-6"	Topsoil Loam Sandy loam Loamy sand Light brown medium sand	SB #14	0 - 9" 9" - 2'-0" 2'-0" - 3'-6" 3'-6" - 4'-0" 4'-0" - 9'-0"	Topsoil Medium brown sand Fine tan sand Fine tan sand with clay lenses Reddish Brown clay
						SB #15	0 - 12" 12" - 2'-6" 2'-6" - 5'-0" 5'-0" - 5'-6" 5'-6" - 7'-0" 7'	Topsoil Medium brown sand Silty medium brown sand Brown clay Sandy brown clay Refusal (large stones)

LEGEND



NOTE:

ACTUAL LOCATION OF WELLS & ONSITE SEPTIC DISPOSAL SHALL BE APPROVED BY THE GRAND TRAVERSE COUNTY HEALTH DEPARTMENT.

NORTHERN PHASE
-ALL UNITS WILL HAVE INDIVIDUAL ONSITE WELLS
-ALL UNITS WILL BE SERVED BY INDIVIDUAL ONSITE SEPTIC SYSTEMS.

CENTRAL PHASE
-UNITS 35-79 WILL HAVE INDIVIDUAL ONSITE WELLS
-UNITS 35-40 & 66-79 MAY BE SERVED BY COMMUNITY SEPTIC SYSTEM, OR INDIVIDUAL ONSITE SEPTIC SYSTEMS PENDING FINAL SITE PLAN APPROVAL
-UNITS 41-65 WILL BE SERVED BY INDIVIDUAL ONSITE SEPTIC SYSTEMS.

FINAL DESIGN OF COMMUNITY SEPTIC SYSTEM WILL BE IN CONFORMANCE WITH MDEQ AND GRAND TRAVERSE COUNTY HEALTH DEPARTMENT REQUIREMENTS.