

PERMEABLE GRAVEL CROSS-SECTION

NTS

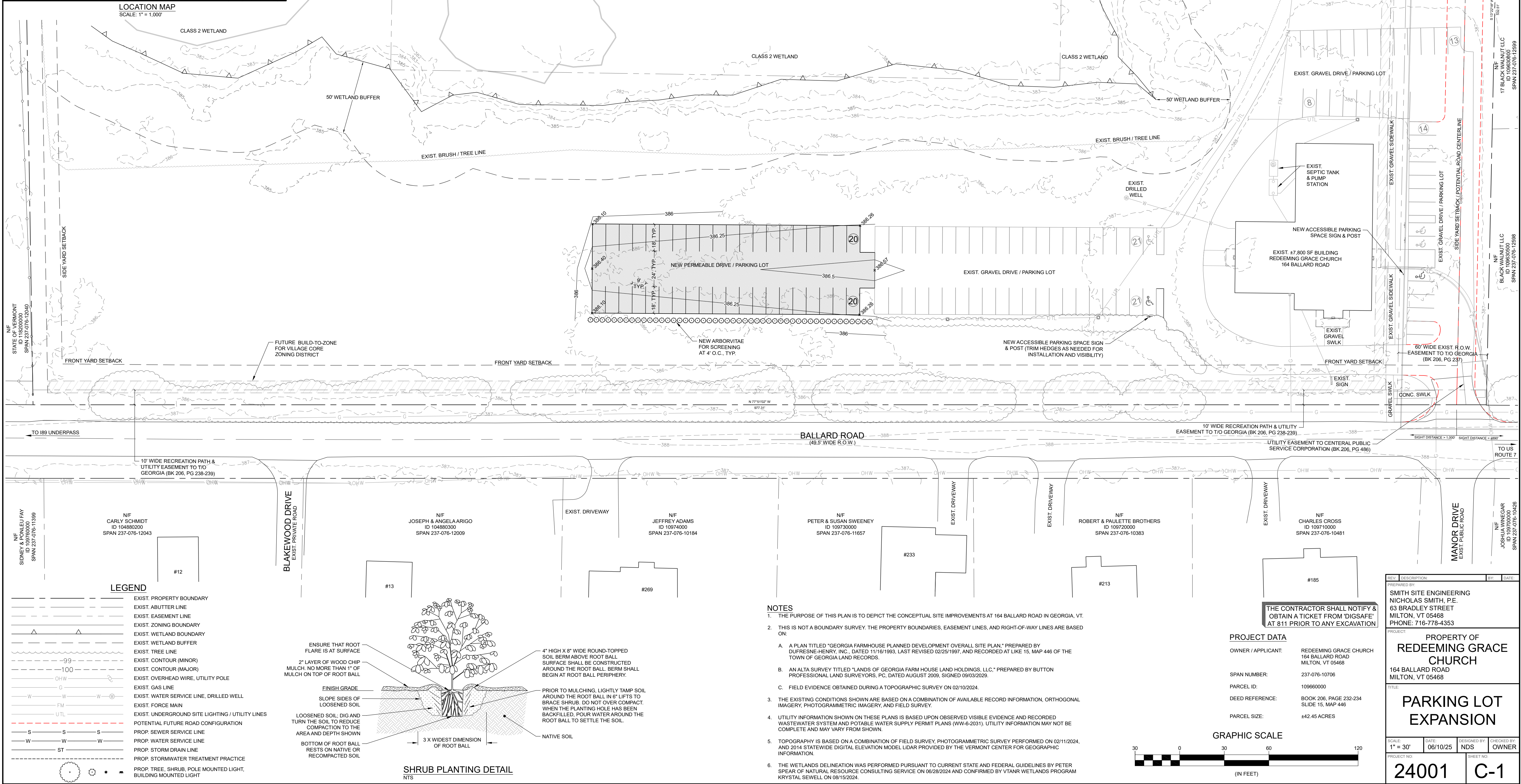
NOTES:

1. IN ALL AREAS WHERE UNSUITABLE SUBGRADE SOILS ARE PRESENT, THE SUBGRADE SHALL BE OVER-EXCAVATED TO REMOVE THE UNSUITABLE MATERIAL AND SHALL BE BACKFILLED WITH SAND BORROW (VAOT 703.03A) OR SELECT NATIVE MATERIAL.
2. SUBGRADE SAND OR NATIVE GRAVEL SHALL BE ADEQUATELY COMPACTED IN 6" LIFTS TO NOT LESS THAN 95% OF THE OPTIMUM DENSITY AS DETERMINED BY ASTM D698 STANDARD PROCTOR TEST.
3. THE SUBGRADE SHALL BE SLOPED TO DAYLIGHT THE SUBBASE MATERIAL WHEREVER POSSIBLE.
4. STONE SPECIFICATIONS:

STONE SHALL CONSIST OF CRUSHED ANGULAR ROCK FRAGMENTS. THE CRUSHED STONE SHALL BE FREE FROM CLAY, LOAM AND ORGANICS AND SHALL CONFORM TO THE FOLLOWING GRADATIONS:

$\frac{3}{4}$ " CRUSHED STONE		$\frac{3}{4}$ " CRUSHED STONE	
<u>SIEVE SIZE</u>	<u>% PASSING BY WEIGHT</u>	<u>SIEVE SIZE</u>	<u>% PASSING BY WEIGHT</u>
$\frac{1}{2}$ "	100	$\frac{1}{4}$ "	100
$\frac{3}{8}$ "	85-100	$\frac{3}{4}$ "	85-100
No. 4	10-30	$\frac{5}{8}$ "	10-30
No. 8	0-10	No. 4	0-15
No. 16	0-5	No. 8	0-5

LIMESTONE SHALL NOT BE USED.



THE CONTRACTOR SHALL NOTIFY &
OBTAIN A TICKET FROM 'DIGSAFE'
AT 811 PRIOR TO ANY EXCAVATION

PROJECT DATA

OWNER / APPLICANT: REDEEMING GRACE CHURCH
164 BALLARD ROAD
MILTON, VT 05468

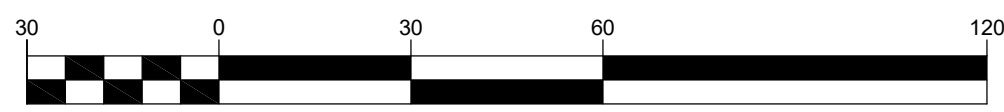
SPAN NUMBER: 237-076-10706

PARCEL ID: 109660000

DEED REFERENCE: BOOK 206, PAGE 232-23
SHEET 17 OF 115 PAGES

PARCEL SIZE: ±42.45 ACRES

GRAPHIC SCALE



(IN FEET)

REV.	DESCRIPTION	BY	DATE
PREPARED BY: SMITH SITE ENGINEERING MICHAEL SMITH, P.E. 63 BALLARD STREET MILTON, VT 05468 PHONE: 716-778-4353			
PROJECT: PROPERTY OF REDEEMING GRACE CHURCH 164 BALLARD ROAD MILTON, VT 05468			
TITLE: PARKING LOT EXPANSION			
SCALE: 1" = 30'	DATE: 06/10/25	DESIGNED BY: NDS	CHECKED BY: OWNER
PROJECT NO: 24001		SHEET NO: C-1	