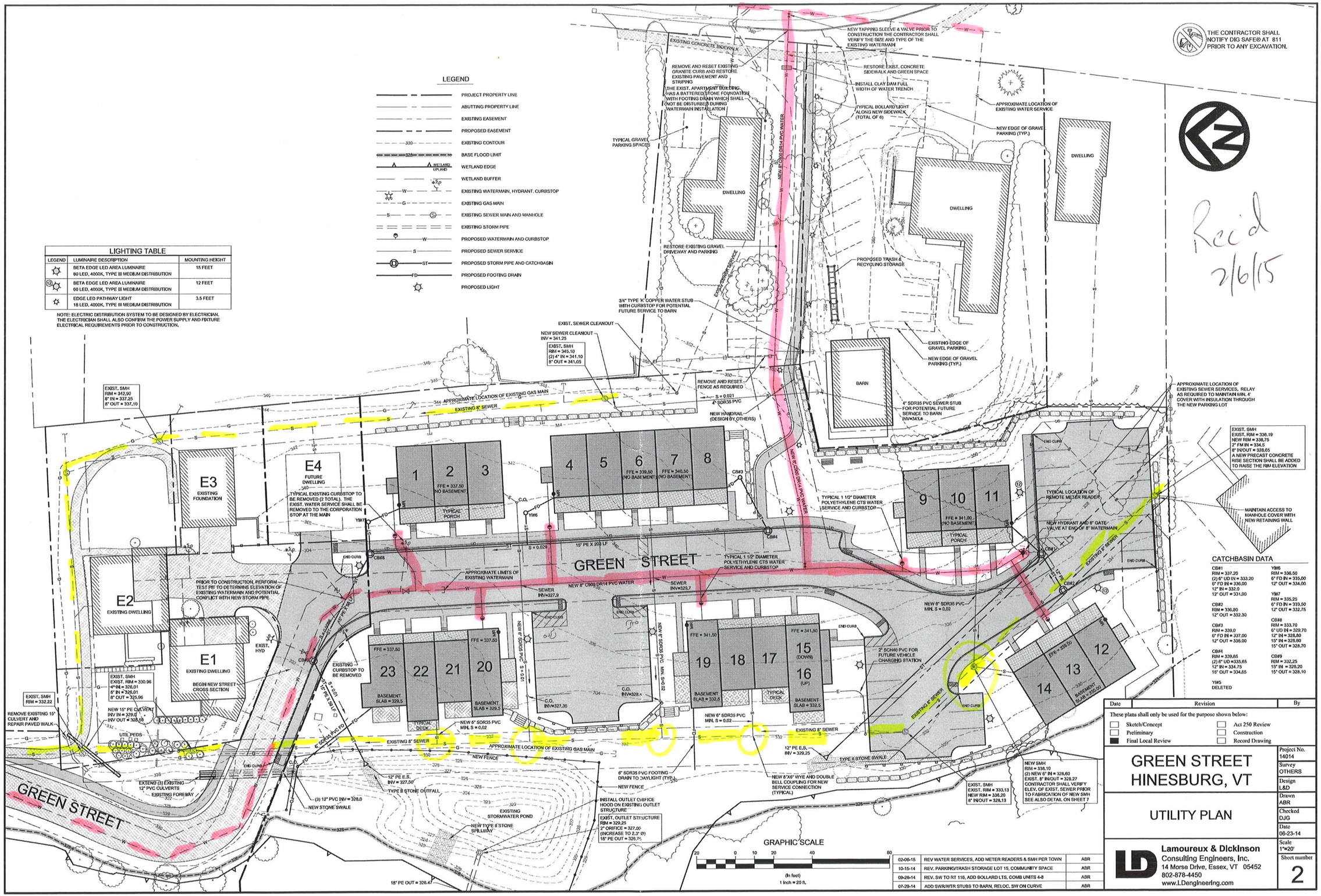
THE CONTRACTOR SHALL NOTIFY DIG SAFE® AT 811 PRIOR TO ANY EXCAVATION.
LEGEND
PROJECT PROPERTY LINE
ABUTTING PROPERTY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING CONTOUR
BASE FLOOD LIMIT
WETLAND EDGE
WETLAND BUFFER
EXISTING WATERMAIN, HYDRANT, CURBSTOP
EXISTING GAS MAIN
EXISTING SEWER MAIN AND MANHOLE
EXISTING STORM PIPE
PROPOSED WATERMAIN AND CURBSTOP
PROPOSED SEWER SERVICE
PROPOSED STORM PIPE AND CATCHBASIN
PROPOSED FOOTING DRAIN
PROPOSED LIGHT
Rec'd 2/6/15
EXISTING CONCRETE SIDEWALK
REMOVE AND RESET EXISTING GRANITE CURB AND RESTORE EXISTING PAVEMENT AND STRIPING
THE EXIST. APARTMENT BUILDING HAS A BATTERED STONE FOUNDATION WITH FOOTING DRAIN WHICH SHALL NOT BE DISTURBED DURING WATERMAIN INSTALLATION
NEW TAPPING SLEEVE & VALVE PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE SIZE AND TYPE OF THE EXISTING WATERMAIN
RESTORE EXIST. CONCRETE SIDEWALK AND GREEN SPACE
INSTALL CLAY DAM FULL WIDTH OF WATER TRENCH
TYPICAL BOLLARD LIGHT ALONG NEW SIDEWALK (TOTAL OF 6)
APPROXIMATE LOCATION OF EXISTING WATER SERVICE
NEW EDGE OF GRAVEL PARKING (TYP.)
TYPICAL GRAVEL PARKING SPACES
NEW 8" C900 DR14 PVC WATER
DWELLING
DWELLING
DWELLING
RESTORE EXISTING GRAVEL DRIVEWAY AND PARKING
EXIST. SEWER SERVICE
PROPOSED TRASH & RECYCLING STORAGE
3/4" TYPE K COPPER WATER STUB WITH CURBSTOP FOR POTENTIAL FUTURE SERVICE TO BARN
EXIST. SEWER CLEANOUT
NEW SEWER CLEANOUT INV = 341.25
EXIST. SMH RIM = 345.10 (2) 4" IN = 341.10 8" OUT = 341.05
EXISTING EDGE OF GRAVEL PARKING
NEW EDGE OF GRAVEL PARKING (TYP.)
BARN
REMOVE AND RESET FENCE AS REQUIRED
S = 0.021 4" SDR35 PVC
NEW HANDRAIL (DESIGN BY OTHERS)
4" SDR35 PVC SEWER STUB FOR POTENTIAL FUTURE SERVICE TO BARN INV=343.4
APPROXIMATE LOCATION OF EXISTING SEWER SERVICES. RELAY AS REQUIRED TO MAINTAIN MIN. 4' COVER WITH INSULATION THROUGH THE NEW PARKING LOT
EXIST. SMH RIM = 342.90 8" IN = 337.25 8" OUT = 337.10
APPROXIMATE LOCATION OF EXISTING GAS MAIN
EXISTING 8" SEWER
E4 FUTURE DWELLING
TYPICAL EXISTING CURBSTOP TO BE REMOVED (2 TOTAL). THE EXIST. WATER SERVICE SHALL BE REMOVED TO THE CORPORATION STOP AT THE MAIN
E3 EXISTING FOUNDATION
1 2 3 FFE = 337.50 NO BASEMENT TYPICAL PORCH
4 5 6 FFE = 339.50 NO BASEMENT 7 FFE = 340.50 NO BASEMENT 8
NEW 8" C900 DR14 PVC WATER
TYPICAL 1 1/2" DIAMETER POLYETHYLENE CTS WATER SERVICE AND CURBSTOP
9 10 11 FFE = 341.00 NO BASEMENT TYPICAL PORCH
TYPICAL LOCATION OF REMOTE METER READER
NEW HYDRANT AND 6" GATE VALVE AT END OF 8" WATERMAIN
EXISTING 8" SEWER
EXIST. SMH EXIST. RIM = 338.19 NEW RIM = 338.75 2" FM IN = 334.5 8" IN/OUT = 328.65 A NEW PRECAST CONCRETE RISE SECTION SHALL BE ADDED TO RAISE THE RIM ELEVATION
MAINTAIN ACCESS TO MANHOLE COVER WITH NEW RETAINING WALL
GREEN STREET
15" PE X 203 LF
S = 0.029
TYPICAL 1 1/2" DIAMETER POLYETHYLENE CTS WATER SERVICE AND CURBSTOP
APPROXIMATE LIMITS OF EXISTING WATERMAIN
SEWER INV=327.9
SEWER INV=323.7
NEW 8" C900 DR14 PVC WATER
NEW 6" SDR35 PVC MIN. S = 0.02
NEW 6" SDR35 PVC S = 0.01
C.O. INV=327.35
C.O. INV=328.4
E2 EXISTING DWELLING
E1 EXISTING DWELLING
BEGIN NEW STREET CROSS SECTION
PRIOR TO CONSTRUCTION, PERFORM TEST PIT TO DETERMINE ELEVATION OF EXISTING WATERMAIN AND POTENTIAL CONFLICT WITH NEW STORM PIPE
EXIST. HYD
EXISTING CURBSTOP TO BE REMOVED
FFE = 337.50 23 22 21 20 BASEMENT SLAB = 329.5 TYPICAL DECK
FFE = 341.50 19 18 17 15 (DOWN) 16 (UP) BASEMENT SLAB = 332.5 TYPICAL DECK
NEW 6" SDR35 PVC MIN. S = 0.02
2" SCH40 PVC FOR FUTURE VEHICLE CHARGING STATION
FFE = 339.50 14 13 12 BASEMENT SLAB = 339.00
EXISTING 8" SEWER
12" PE E.S. INV = 329.25
TYPE II STONE SWALE
NEW 8"X6" WYE AND DOUBLE BELL COUPLING FOR NEW SERVICE CONNECTION (TYPICAL)
EXIST. SMH EXIST. RIM = 333.13 NEW RIM = 336.20 8" IN/OUT = 328.13
NEW SMH RIM = 338.10 (2) NEW 6" IN = 328.60 EXIST. 8" IN/OUT = 328.27 CONTRACTOR SHALL VERIFY ELEV. OF EXIST. SEWER PRIOR TO FABRICATION OF NEW SMH SEE ALSO DETAIL ON SHEET 7
EXIST. SMH RIM = 332.22
REMOVE EXISTING 15" CULVERT AND REPAIR PAVED WALK
EXIST. SMH EXIST. RIM = 330.96 4" IN = 326.01 8" IN = 326.01 8" OUT = 325.96
NEW 15" PE CULVERT INV IN = 329.0 INV OUT = 328.5
UTIL PEDS
EXISTING 8" SEWER
APPROXIMATE LOCATION OF EXISTING GAS MAIN
NEW FENCE
EXTEND (3) EXISTING 12" PVC CULVERTS
EXISTING FOREBAY
12" PE E.S. INV = 327.50
TYPE II STONE OUTFALL
(3) 12" PVC INV = 328.0
NEW STONE SWALE
6" SDR35 PVC FOOTING DRAIN TO DAYLIGHT (TYP.)
NEW FENCE
INSTALL OUTLET ORIFICE HOOD ON EXISTING OUTLET STRUCTURE
EXIST. OUTLET STRUCTURE RIM = 329.25 2" ORIFICE = 327.00 (INCREASE TO 2.3" Ø) 18" PE OUT = 326.75
EXISTING STORMWATER POND
NEW TYPE II STONE SPILLWAY
18" PE OUT = 326.47
GRAPHIC SCALE
(in feet)
1 inch = 20 ft.
CATCHBASIN DATA
CB#1 RIM = 337.20 (2) 6" UD IN = 333.20 6" FD IN = 330.00 12" IN = 332.0 12" OUT = 331.90
CB#2 RIM = 336.80 12" OUT = 332.30
CB#3 RIM = 339.0 6" FD IN = 337.00 12" OUT = 336.00
CB#4 RIM = 339.65 (2) 6" UD =335.65 12" IN = 334.75 18" OUT = 334.65
YI#5 DELETED
YI#6 RIM = 336.50 6" FD IN = 335.00 12" OUT = 334.00
YI#7 RIM = 335.25 6" FD IN = 333.50 12" OUT = 332.75
CB#8 RIM = 333.70 6" UD IN = 329.70 12" IN = 328.80 15" IN = 328.80 15" OUT = 328.70
CB#9 RIM = 332.25 15" IN = 328.20 15" OUT = 328.10
LIGHTING TABLE
LEGEND | LUMINAIRE DESCRIPTION | MOUNTING HEIGHT
BETA EDGE LED AREA LUMINAIRE 80 LED, 4000K, TYPE III MEDIUM DISTRIBUTION | 15 FEET
BETA EDGE LED AREA LUMINAIRE 60 LED, 4000K, TYPE III MEDIUM DISTRIBUTION | 12 FEET
EDGE LED PATHWAY LIGHT 18 LED, 4000K, TYPE III MEDIUM DISTRIBUTION | 3.5 FEET
NOTE: ELECTRIC DISTRIBUTION SYSTEM TO BE DESIGNED BY ELECTRICIAN. THE ELECTRICIAN SHALL ALSO CONFIRM THE POWER SUPPLY AND FIXTURE ELECTRICAL REQUIREMENTS PRIOR TO CONSTRUCTION.
02-06-15 REV WATER SERVICES, ADD METER READERS & SMH PER TOWN ABR
10-15-14 REV. PARKING/TRASH STORAGE LOT 15, COMMUNITY SPACE ABR
09-26-14 REV. SW TO RT 116, ADD BOLLARD LTS, COMB UNITS 4-8 ABR
07-29-14 ADD SWR/WTR STUBS TO BARN, RELOC. SW ON CURVE ABR
Date Revision By
These plans shall only be used for the purpose shown below:
Sketch/Concept
Preliminary
Final Local Review
Act 250 Review
Construction
Record Drawing
GREEN STREET HINESBURG, VT
UTILITY PLAN
Lamoureux & Dickinson Consulting Engineers, Inc.
14 Morse Drive, Essex, VT 05452
802-878-4450
www.LDengineering.com
Project No. 14014
Survey OTHERS
Design L&D
Drawn ABR
Checked DJG
Date 06-23-14
Scale 1"=20'
Sheet number 2