NOTES:

1. THE TOPOGRAPHY, SITE DETAIL & SURFACE IMPROVEMENTS DEPICTED HEREON WERE OBTAINED FROM A PARTIAL FIELD SURVEY CONDUCTED ON JUNE 28, 2014 BY SULLIVAN ENGINEERING GROUP, LLC.
2. THE LOCUS PROPERTY DEPICTED IS LOCATED IN ZONING DISTRICT S15.
3. THE LOCUS PROPERTY IS DEPICTED AS LOT 294–296 ON THE TOWN OF READING ASSESSOR'S MAP 15.
4. THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED UPON A PARTIAL FIELD SURVEY AND COMPILATION OF PLANS OF RECORD. THE DESIGN ENGINEER DOES NOT WARRANTY NOR GUARANTEE THE LOCATION OF ALL UTILITIES DEPICTED OR NOT DEPICTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT DIG SAFE AT 1–888–344–7233.
5. THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT, VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.
6. THE ELEVATIONS DEPICTED HEREON WERE BASED UPON AN ASSUMED DATUM.
7. THE LOCUS PROPERTY IS NOT LOCATED WITHIN A FLOOD ZONE AS DEPICTED ON THE LATEST FLOOD INSURANCE RATE MAP.

THE LOCATION OF ALL UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND ARE BASED UPON A PARTIAL FIELD SURVEY AND COMPILATION OF PLANS OF RECORD. THE DESIGN ENGINEER DOES NOT WARRANTY NOR GUARANTEE THE LOCATION OF ALL UTILITIES DEPICTED OR NOT DEPICTED. THE CONTRACTOR, PRIOR TO COMMENCEMENT OF CONSTRUCTION, SHALL VERIFY THE LOCATION OF ALL UTILITIES AND CONTACT DIG SAFE AT 1–888–344–7233.

ALL UNDERGROUND UTILITY DATA REPRESENTS RECORD INFORMATION RECOVERED THROUGH RESEARCH WITHOUT SURFACE DEMARCATION NOR SUBSURFACE VERIFICATION.

TEMPORARY BENCHMARK CHART:

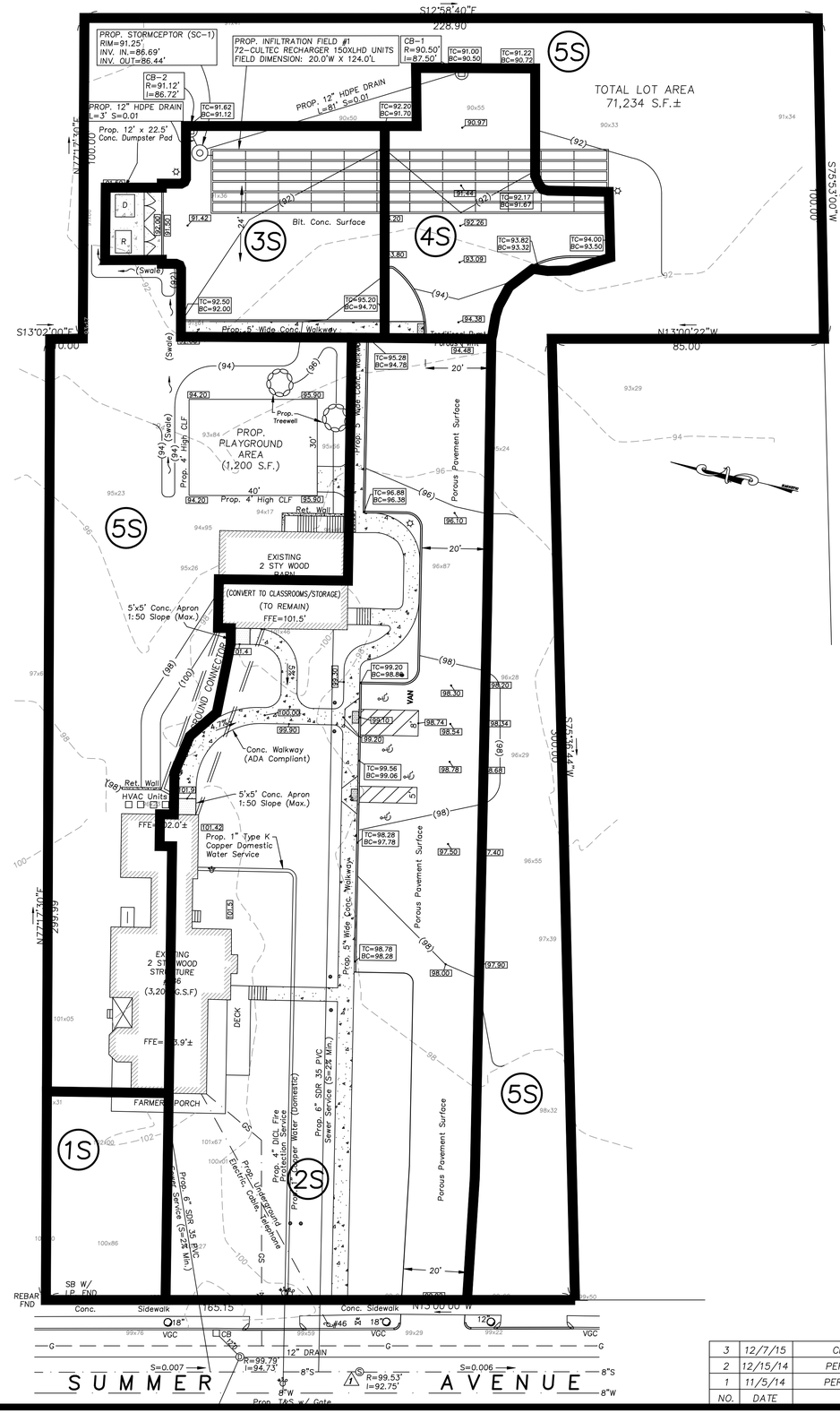
TBM #	DESCRIPTION	ELEV.
1	SEWER MANHOLE RIM	99.53'

SEWAGE FLOW CALCULATION:

10 GPD/PERSON = SEWAGE USE PER TITLE 5 CODE
24 CHILDREN X 10 GPD = 240 GALLONS
24 PARENTS X 10 GPD = 240 GALLONS
9 TEACHERS X 10 GPD = 90 GALLONS
3 ADMINISTRATORS X 10 GPD = 30 GPD

TOTAL GALLONS PER DAY = 600

EX. FLOW = 5 BDRMS X 110 GPD/BDRM= 550 GPD
PROP. FLOW (600 GPD) > EX. FLOW (550 GPD)



GRAPHIC SCALE
SCALE: 1"=20'
FEET 20 0 10 20 40 80

LEGEND:

248	TWO FOOT CONTOUR
92X00	EX. SPOT GRADE
UP	UTILITY POLE
S	SEWER MANHOLE
S	SEWER MAIN
W	COMPILED WATER MAIN
G	COMPILED GAS MAIN
D	DRAIN MANHOLE
CB	CATCHBASIN
D	DRAIN LINE
BIT.	BITUMINOUS
CONC.	CONCRETE
EOP	EDGE OF PAVEMENT
VGC	VERTICAL GRANITE CURB
FFE	FIRST FLOOR
TC	TOP OF CURB
BC	BOTTOM OF CURB
(100)	PROP. CONTOUR
98.25	PROP. SPOT GRADE

READING COMMUNITY PLANNING & DEVELOPMENT COMMISSION

APPROVED _____, 20__

I,_____, TOWN CLERK OF THE TOWN OF READING, MASSACHUSETTS HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE READING COMMUNITY PLANNING & DEVELOPMENT HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND NO NOTICE OF APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

TOWN CLERK _____ DATE _____

I CERTIFY THAT, TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS PLAN IS TRUE AND CORRECT TO THE ACCURACY REQUIRED BY THE SUBDIVISION REGULATIONS AND PROCEDURAL RULES OF THE PLANNING BOARD OF THE TOWN OF READING.

JOHN D. SULLIVAN III, P.E. _____ DATE _____

186–190 SUMMER AVENUE

POSTDEVELOPMENT DRAINAGE
LOCATED IN
READING, MASSACHUSETTS
(MIDDLESEX COUNTY)

PREPARED FOR
CRITERION CHILD ENRICHMENT INC.
SCALE: 1"= 20' DATE: OCT. 9, 2014

PREPARED BY
SULLIVAN ENGINEERING GROUP, LLC
P.O. BOX 2004
WOBURN, MA 01888
(781) 854–8644

COMMONWEALTH OF MASSACHUSETTS
John D. Sullivan III
CIVIL
No. 41586
REGISTERED PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D
3	12/7/15	CPDC SUBMITTAL	JDS	JDS
2	12/15/14	PER CPDC HEARING	JDS	JDS
1	11/5/14	PER DRT COMMENTS	JDS	JDS