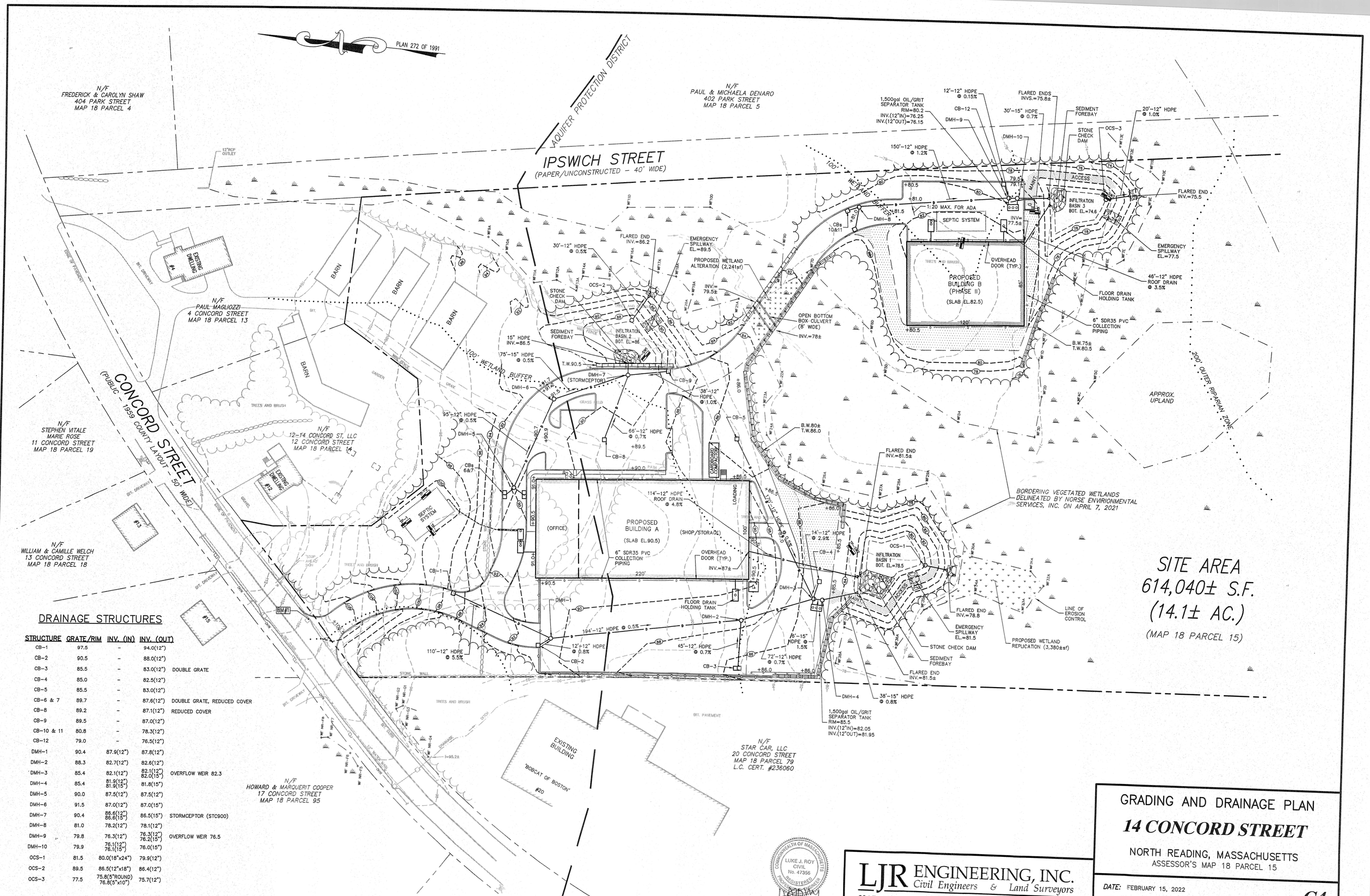

DRAINAGE STRUCTURES

STRUCTURE	GRATE/RIM	INV. (IN)	INV. (OUT)	
CB-1	97.5	-	94.0(12")	
CB-2	90.5	-	88.0(12")	
CB-3	85.5	-	83.0(12")	DOUBLE GRATE
CB-4	85.0	-	82.5(12")	
CB-5	85.5	-	83.0(12")	
CB-6 & 7	89.7	-	87.6(12")	DOUBLE GRATE, REDUCED COVER
CB-8	89.2	-	87.1(12")	REDUCED COVER
CB-9	89.5	-	87.0(12")	
CB-10 & 11	80.8	-	78.3(12")	
CB-12	79.0	-	76.5(12")	
DMH-1	90.4	87.9(12")	87.8(12")	
DMH-2	88.3	82.7(12")	82.6(12")	
DMH-3	85.4	82.1(12")	82.1(12") 82.0(15")	OVERFLOW WEIR 82.3
DMH-4	85.4	81.9(12") 81.9(15")	81.8(15")	
DMH-5	90.0	87.5(12")	87.5(12")	
DMH-6	91.5	87.0(12")	87.0(15")	
DMH-7	90.4	86.6(12") 86.6(15")	86.5(15")	STORMCEPTOR (STC900)
DMH-8	81.0	78.2(12")	78.1(12")	
DMH-9	79.8	76.3(12")	76.3(12") 76.2(15")	OVERFLOW WEIR 76.5
DMH-10	79.9	76.1(12") 76.1(15")	76.0(15")	
OCS-1	81.5	80.0(18"x24")	79.9(12")	
OCS-2	89.5	86.5(12"x18")	86.4(12")	
OCS-3	77.5	75.8(5"ROUND) 76.8(5"x10")	75.7(12")	

COMMONWEALTH OF MASSACHUSETTS
LUKE J. ROY
CIVIL
No. 47356
REGISTERED PROFESSIONAL ENGINEER
2/15/22

GRADING AND DRAINAGE PLAN

14 CONCORD STREET

NORTH READING, MASSACHUSETTS
ASSESSOR'S MAP 18 PARCEL 15

LJR ENGINEERING, INC.
Civil Engineers & Land Surveyors
234 Park Street • North Reading, MA 01864 • 978-664-8141

DATE: FEBRUARY 15, 2022
SCALE: 1"=40'
PROJECT NO.: 19-163

C4

SHEET 4 OF 11