

Q:\E-FILES\8-000\8266_C3D Drawings\Construction Documents\Public Improvement - AS-BUILT\8266_CD GRADING AS-BUILT.dwg, 12/14/2021 9:25:13 AM, mhill: 1:1

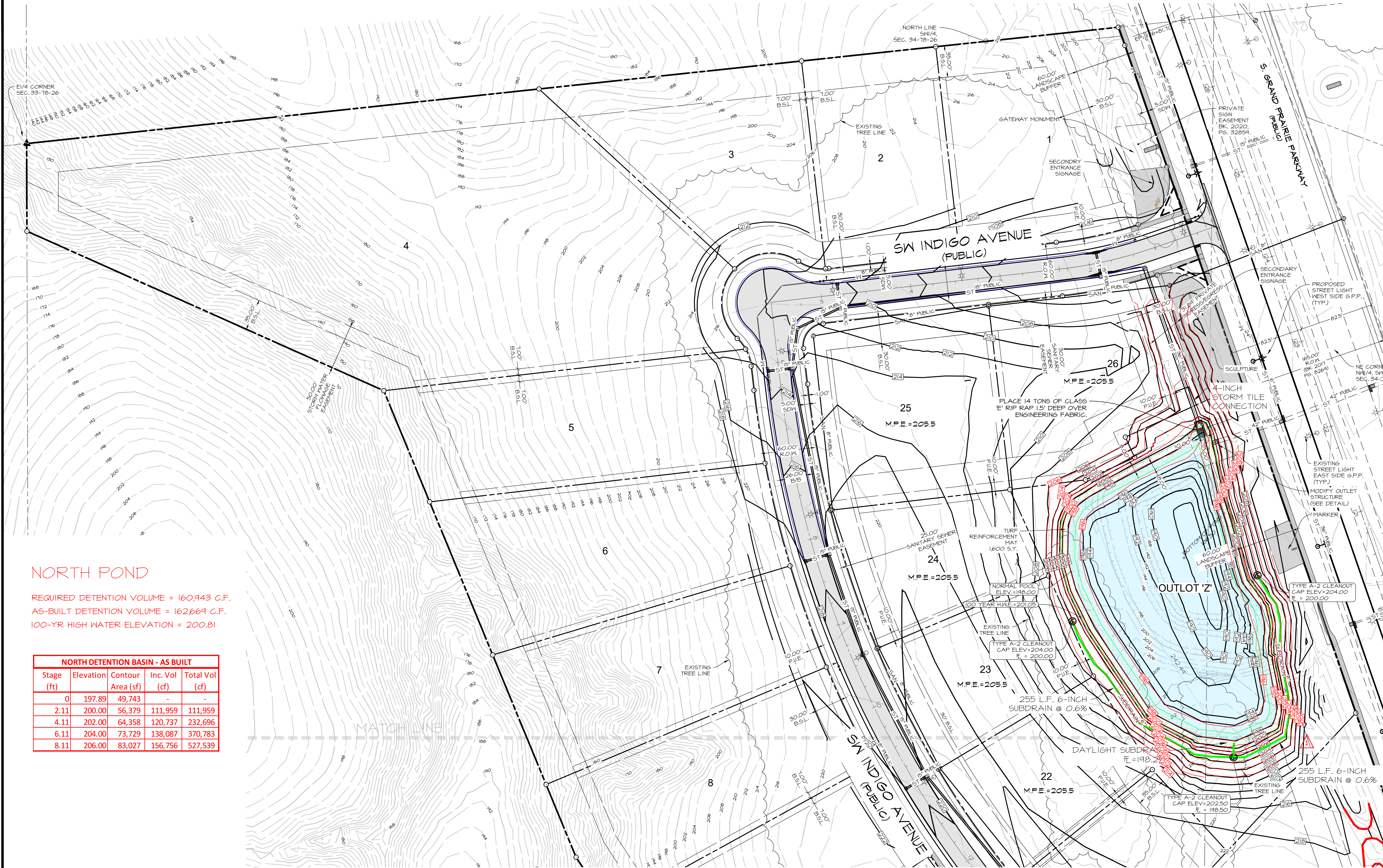
PLOT BY: MARTIN HILL - 2021/12/14 - Q:\E-FILES\8-000\8266_C3D Drawings\Construction Documents\Public Improvement - AS-BUILT\8266_CD GRADING AS-BUILT.dwg - ANSI EXPAND D (94.00 X 22.00 INCHES) - AUTOCAD PLOT (GENERAL DOCUMENTATION)PC3 - CEC-RES TEST C/TB - PLOT SCALE = 1:1

NORTH POND

REQUIRED DETENTION VOLUME = 160,943 C.F.
AS-BUILT DETENTION VOLUME = 162,669 C.F.
100-YR HIGH WATER ELEVATION = 200.81

NORTH DETENTION BASIN - AS BUILT				
Stage (ft)	Elevation	Contour Area (sf)	Inc. Vol (cf)	Total Vol (cf)
0	197.89	49,743	-	-
2.11	200.00	56,379	111,959	111,959
4.11	202.00	64,358	120,737	232,696
6.11	204.00	73,729	138,087	370,783
8.11	206.00	83,027	156,756	527,539

* AS-BUILT DRAWINGS
DECEMBER 14, 2021



SCALE: 1"=50'
0' 10' 20' 30' 40' 50' 100'
1"=50' PRINTED ON 22"x34"
1"=100' PRINTED ON 11"x17"



THE PRESERVE ESTATES PLAT 2
GRAND PRAIRIE PARKWAY, WEST DES MOINES, IA 50266

GRADING PLAN NORTH ASB

SHEET
2
OF
23

E-8266

PUBLISH DATE: December 14, 2021

DATE OF SURVEY: MARCH 03, 2020

DESIGNED BY: PC

DRAWN BY: MEH

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