



# <u>SDS #1</u>

EXCAVATE ALL MATERIAL (A, B LAYER) TO SANDY LOAM C1 LAYER (30"±), BELOW SYSTEM. REPLACE WITH CLEAN COURSE SAND IN ACCORDANCE WITH 310 CMR 15.255 (3). EXCAVATION TO BE INSPECTED BY GRADY CONSULTING L.L.C. AND TOWN PRIOR TO SOIL REPLACEMENT

APPROXIMATE PERC SAND VOLUME = 1583 SF X  $(33.1 - 33.1\pm)$  / 27 + 20% = NO SAND REQUIRED

## <u>SDS #2</u>

EXCAVATE ALL MATERIAL (A, B LAYER) TO LOAMY SAND C1 LAYER (30"±), ELOW SYSTEM. REPLACE WITH CLEAN COURSE SAND IN ACCORDANCE WITH 310 CMR 15.255 (3). EXCAVATION TO BE INSPECTED BY GRADY CONSULTING L.L.C. AND TOWN PRIOR TO SOIL REPLACEMENT APPROXIMATE PERC SAND VOLUME = 1960 SF X  $(34.7 - 34.6\pm)$  / 27 + 20% = 100± CY

# <u>SDS #3</u>

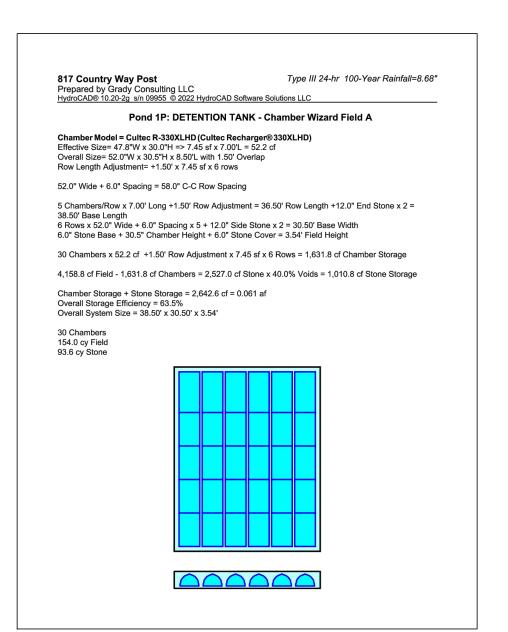
EXCAVATE ALL MATERIAL (A, B, C1 LAYER) TO LOAMY SAND C2 LAYER (60"±), ELOW SYSTEM. REPLACE WITH CLEAN COURSE SAND IN ACCORDANCE WITH 310 CMR 15.255 (3). EXCAVATION TO BE INSPECTED BY GRADY CONSULTING L.L.C. AND TOWN PRIOR TO SOIL REPLACEMENT

APPROXIMATE PERC SAND VOLUME = 1209 SF X  $(18.0 - 15.2\pm)$  / 27 + 20% = 150± CY

### <u>SDS #4</u>

EXCAVATE ALL MATERIAL (A, B, C1 LAYER) TO LOAMY SAND C2 LAYER (50"±), BELOW SYSTEM. REPLACE WITH CLEAN COURSE SAND IN ACCORDANCE WITH 310 CMR 15.255 (3). EXCAVATION TO BE INSPECTED BY GRADY CONSULTING L.L.C. AND TOWN PRIOR TO SOIL REPLACEMENT

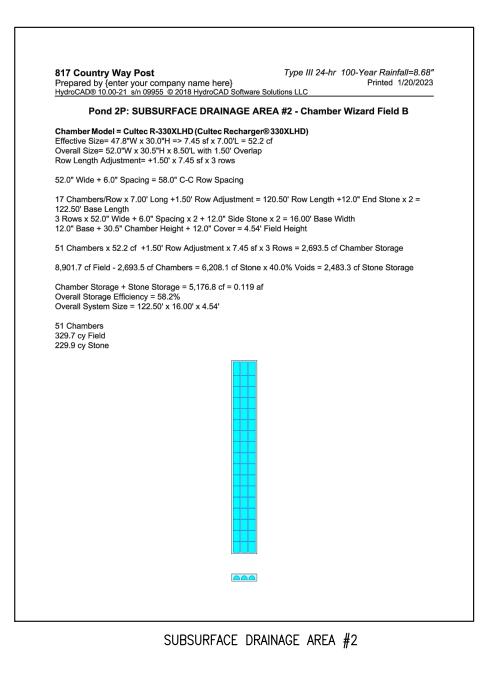
APPROXIMATE PERC SAND VOLUME = 484 SF X  $(34.5 - 31.0\pm)$  / 27 + 20% = 75± CY



SUBSURFACE DRAINAGE AREA #5

SUBSURFACE

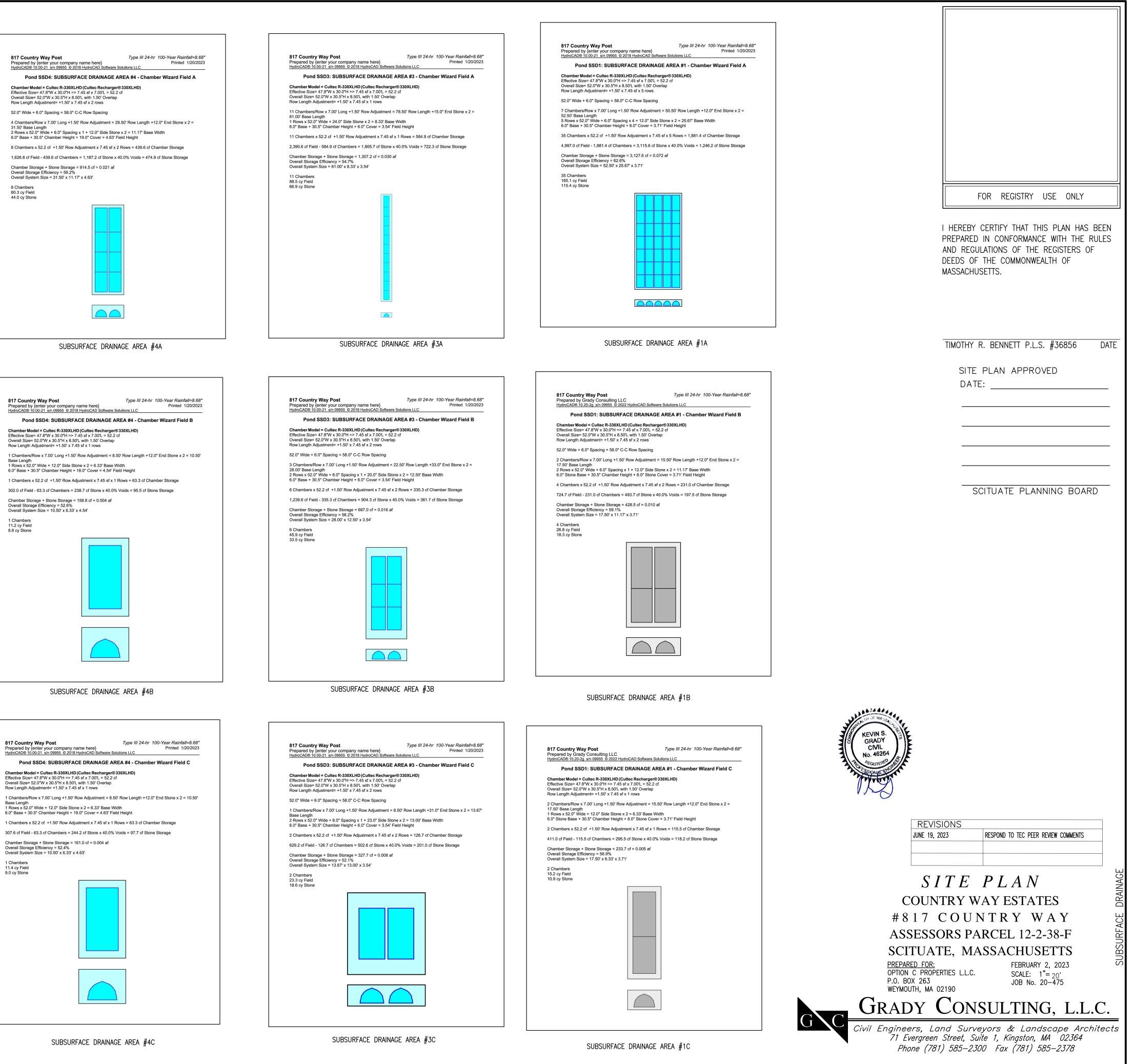
DRAINAGE AREA #5



122.5' 122.5' SUBSURFACE DRAINAGE AREA #2 25.7 SUBSURFACE DRAINAGE SECTION A SECTION B SECTION C 81.0' AREA #1 81.0' SUBSURFACE 13.8' DRAINAGE -\_\_\_\_38.5'\_\_\_\_\_ AREA #3 SUBSURFACE DRAINAGE AREA #4 IMPERMEABLE LINER

— (40 MIL POLY OR

APPROVED EQUAL)



SHEET 22 OF 25

