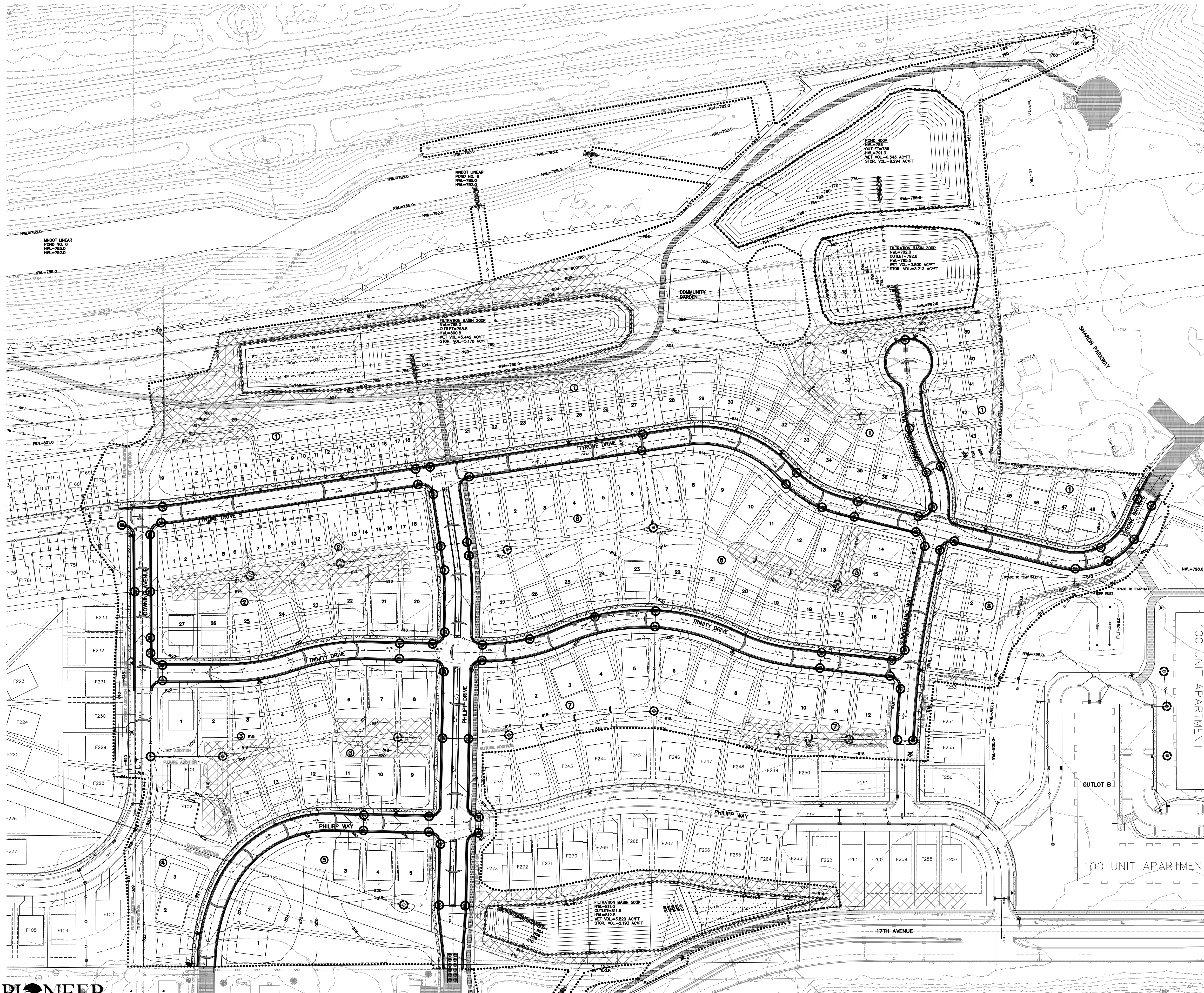




LEGEND

- ROCK CONSTRUCTION ENTRANCE
INSTALL BEFORE START OF GRADING
- PERIMETER EROSION CONTROL FENCE.
INSTALL BEFORE START OF GRADING.
- SECONDARY EROSION CONTROL FENCE.
TO BE INSTALLED 48 HOURS AFTER
COMPLETION OF GRADING.
- 2' SOD OR EROSION CONTROL FENCE AT
BACK OF CURB. TO BE INSTALLED AFTER
COMPLETION OF SIDEWALK CONSTRUCTION.
- SUMPED RIP RAP PERMANENT ENERGY
DISSIPATER. INSTALL WITHIN 24 HOURS
AFTER CONNECTION TO A SURFACE WATER.
- CATCH BASIN INLET PROTECTION
TO BE INSTALLED AFTER 1ST LIFT
OF BITUMINOUS.
- CATCH BASIN INLET PROTECTION
TO BE INSTALLED WITH CATCH
BASIN GRATE.
- STRAW BIO ROLLS. INSTALL WITHIN 7 DAYS
OF GRADING COMPLETION OR BEFORE 1ST
RAINFALL EVENT WHICHEVER IS FIRST
- ROCK BERM. INSTALL WITHIN 7 DAYS OF
GRADING COMPLETION OR BEFORE 1ST
RAINFALL EVENT WHICHEVER IS FIRST
- STABILIZED EMERGENCY OVERFLOW
- MNDOT CAT 20 EROSION CONTROL BLANKET.
INSTALL WITHIN 7 DAYS OF GRADING
COMPLETION
- FILTRATION AREA

TEMPORARY SEED SHALL BE DONE IN ACCORDANCE TO MNDOT 2575 & 3876;
CONSISTING OF:

- MNDOT MIX 22-111 @ 40 LBS. PER ACRE OR APPROVED EQUAL.
DOUBLE SEED RATE FOR DORMANT SEEDING AFTER NOVEMBER 1ST.
- MULCH SHALL BE MNDOT TYPE 3 @ 2 TONS PER ACRE OR APPROVED
EQUAL AND DISK ANCHORED IN PLACE OR APPROVED EQUAL,
INSTALLED TO MINIMUM 90% COVERAGE OF THE SURFACE AREA
DISTURBED.
- TYPE 1 FERTILIZER, 10-10-20 @ 200 LBS. PER ACRE

PERMANENT TURF RESTORATION SHALL BE DONE IN ACCORDANCE WITH MNDOT 2575
& 3876 CONSISTING OF:

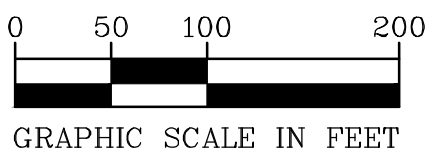
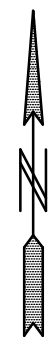
- MNDOT MIXTURE 25-141 AT 75 POUNDS PER ACRE.
- MULCH SHALL BE MNDOT TYPE 3 @ 2 TONS PER ACRE OR APPROVED
EQUAL AND DISK ANCHORED IN PLACE OR APPROVED EQUAL,
INSTALLED TO MINIMUM 90% COVERAGE OF THE SURFACE AREA
DISTURBED.
- TYPE 3 FERTILIZER, 22-5-10 80%W.I.N @ 350 LBS PER ACRE.
- SEE SHEET L3-3 FOR ADDITIONAL BASIN SEEDING DETAILS

PERMANENT BASIN SEEDING SHALL BE DONE IN ACCORDANCE WITH MNDOT 2575 &
3876 CONSISTING OF:

- WET BASIN BENCH/(IN)FILTRATION BASIN: MINNESOTA STATE SEED
MIXTURE 33-261 (STORMWATER SOUTH AND WEST) AT 35 POUNDS
PER ACRE.
- ABOVE BASIN BENCH TO HIGH WATER LEVEL: MINNESOTA STATE SEED
MIXTURE 35-241 (MESIC PRAIRIE GENERAL) AT 36.5 POUNDS PER
ACRE.
- MULCH SHALL BE MNDOT 3882, TYPE 3 @ 2 TONS PER ACRE OR
APPROVED EQUAL AND DISK ANCHORED IN PLACE OR APPROVED
EQUAL.
- MNDOT 3881, TYPE 4 NATURAL-BASED FERTILIZER, 18-1-8 @ 120
LBS PER ACRE OR 17-10-7 @ 150 LBS PER ACRE.

UPLAND/NATURAL AREA SEEDING SHALL BE DONE IN ACCORDANCE TO MNDOT 2575 &
3876; CONSISTING OF:

- MINNESOTA STATE SEED MIXTURE 35-621 (DRY PRAIRIE SOUTHEAST)
AT 11.0 POUNDS PER ACRE.
- MULCH SHALL BE MNDOT 3882, TYPE 3 @ 2 TONS PER ACRE OR
APPROVED EQUAL AND DISK ANCHORED IN PLACE OR APPROVED
EQUAL.
- MNDOT 3881, TYPE 4 NATURAL-BASED FERTILIZER, 18-1-8 @ 120
LBS PER ACRE OR 17-10-7 @ 150 LBS PER ACRE



BENCH MARK
TNH AT N.W. QUAD. OF
EXISTING PHILIPP DRIVE &
PHILIPP WAY INTERSECTION
EL=820.14

01-ENG-119035-SHEET-GRAD-EROS

PIONEERengineering
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I hereby certify that this plan was prepared by
me or under my direct supervision and that I
am a duly Licensed Professional Engineer
under the laws of the State of Minnesota

Name
Reg. No.

Brian N. Molinaro
47504

Date 2-18-2021

Revisions

Date 2-18-2021
Designed NAP
Drawn MSN

EROSION CONTROL PLAN

SUMMERGATE
17305 CEDAR AVENUE SOUTH
LAKEVILLE, MINNESOTA 55044

SUMMERLAND PLACE 1ST ADDITION
SHAKOPEE, MINNESOTA

G7 OF 13