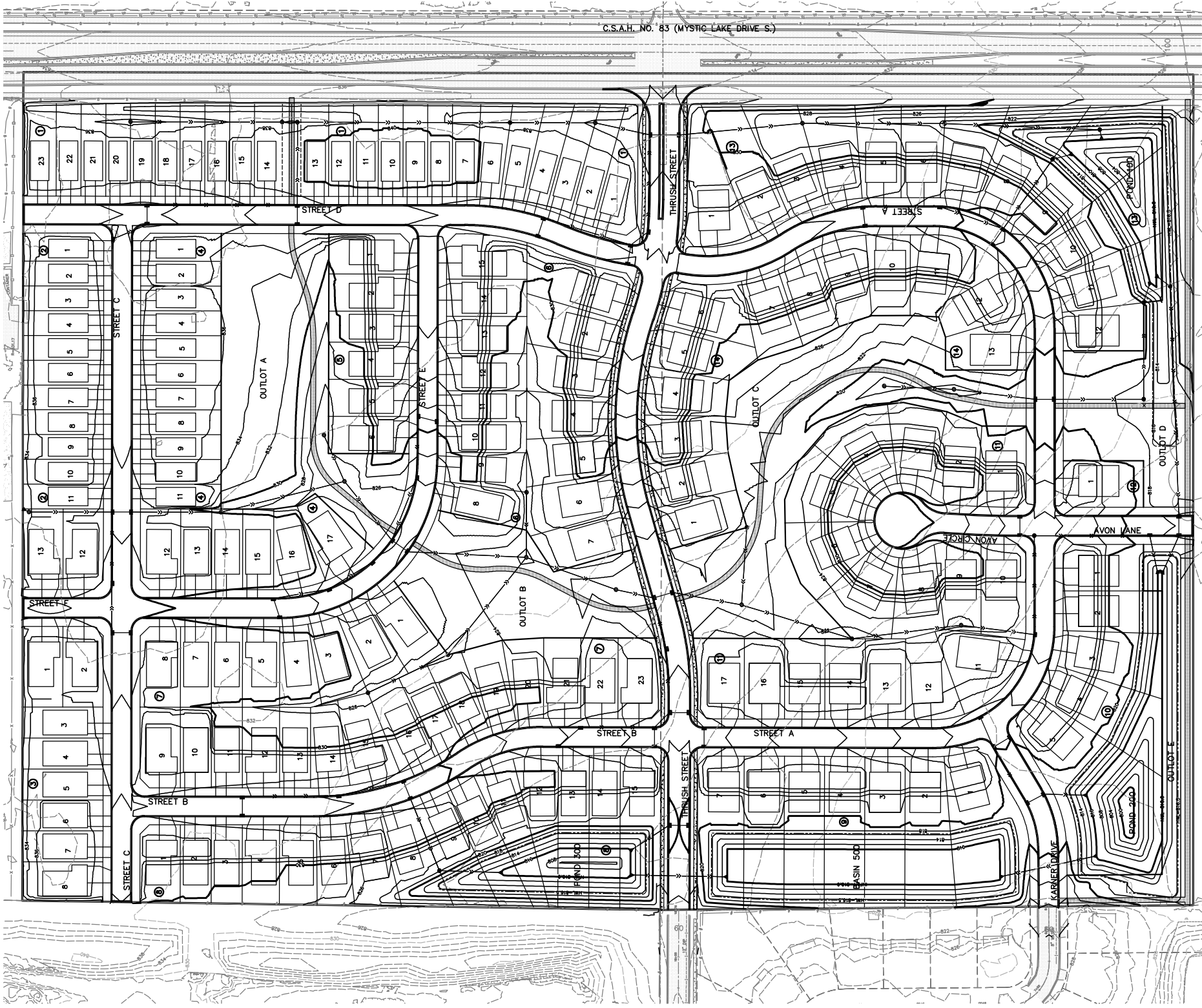


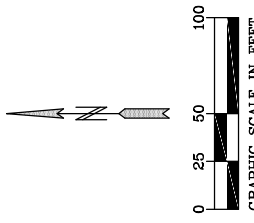


0 25 50 100
GRAPHIC SCALE IN FEET

BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.= 774.78

STORMWATER SETBACKS
3' + HWL
1.5' + E.O.F.
2' + HWL
2' + HISTORIC
GROUND HWL
4' + OBSERVED
GROUND WATER

LOW OPENING
LOW FLOOR



BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.=774.78

PIONEER engineering

CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS LANDSCAPE ARCHITECTS
6511 681-1914
2422 Enterprise Drive
Mendota Heights, MN 55120
www.pioneereng.com

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: John M. Molinaro
Reg. No.: 45831 Date: 02-19-2021

Revisions

Date: 02-19-2021
Designed: JMM
Drawn: JMM/PJT

PRELIMINARY GRADING PLAN

MAGELLAN LAND DEVELOPMENT

SCHNEIDER PROPERTY
P.O. BOX 302
SHAKOPEE, MINNESOTA 55331

21 OF 30
04-ENG-170153-SHEET GRAD

STORMWATER SETBACKS
3' + HWL
1.5' + EOF
2' + HWL
2' + HISTORIC
GROUND HWL
4' + OBSERVED
GROUND WATER

LOW OPENING
LOW FLOOR

C.S.A.H. NO. 83 (MYSTIC LAKE DRIVE S.)



SEE SHEET 21

SEE SHEET 23

PIONEER engineering

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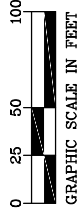
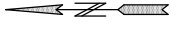
PRELIMINARY GRADING PLAN

MAGELLAN LAND DEVELOPMENT
P.O. BOX 302
EXCELSIOR, MINNESOTA 55331

SCHNEIDER PROPERTY
SHAKOPEE, MINNESOTA

22 OF 30
04-ENG-170153-SHEET GRAD

LOW OPENING	3' + HWL 1.5' + EOF 2' + HWL
LOW FLOOR	2' + HISTOP GROUND F 4' + OBSER GROUND V



BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.=774.78

00-ENG-120153-SHEET-GRAD

SCHNEIDER PROPERTY
SHAKOPEE, MINNESOTA

MAGELLAN LAND DEVELOPMENT
P.O. BOX 302
EXCELSIOR, MINNESOTA 55331

PRELIMINARY GRADING PLAN

Date	02-19-2021
Designed	JMM
Drawn	JMM/PDS

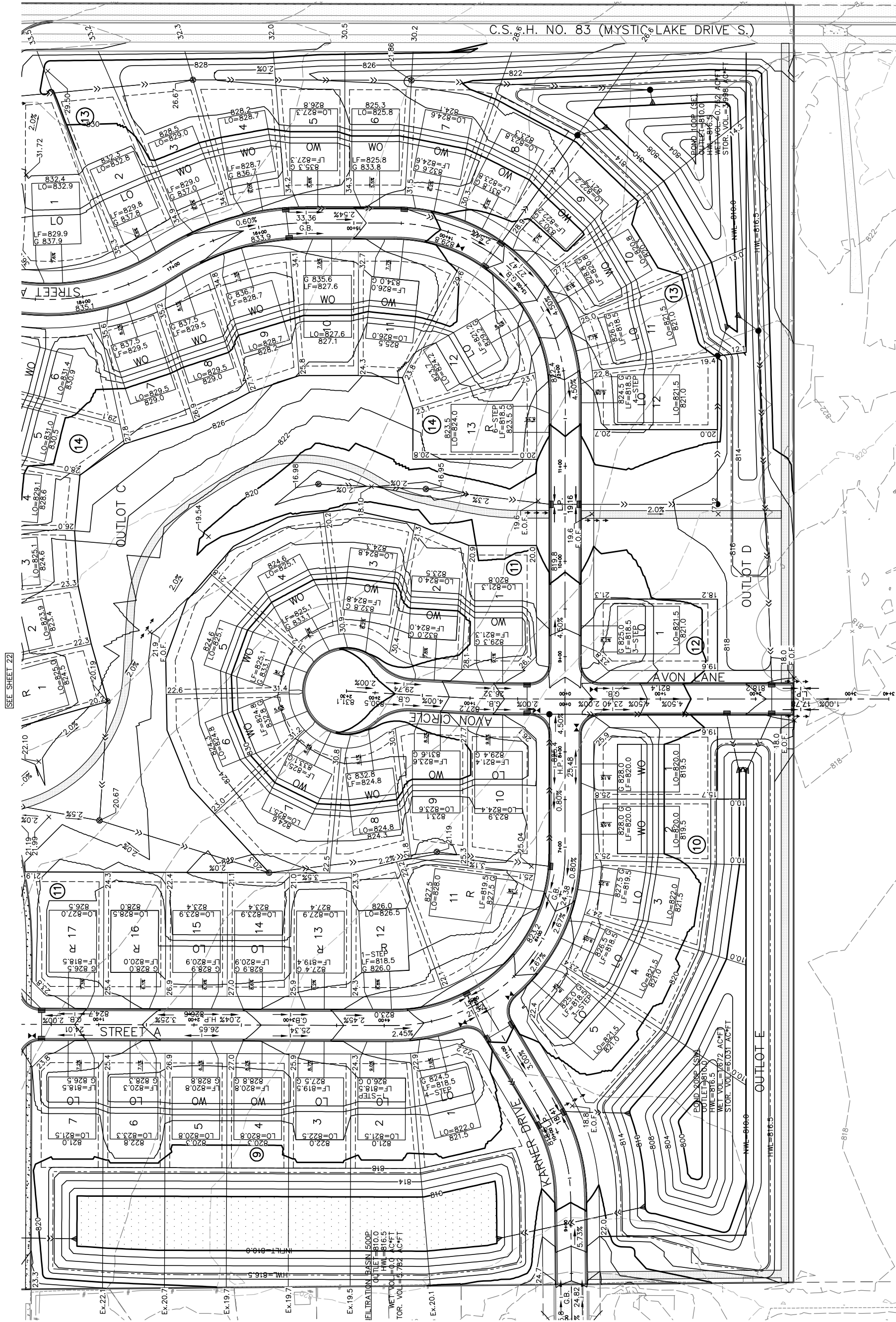
Revisions

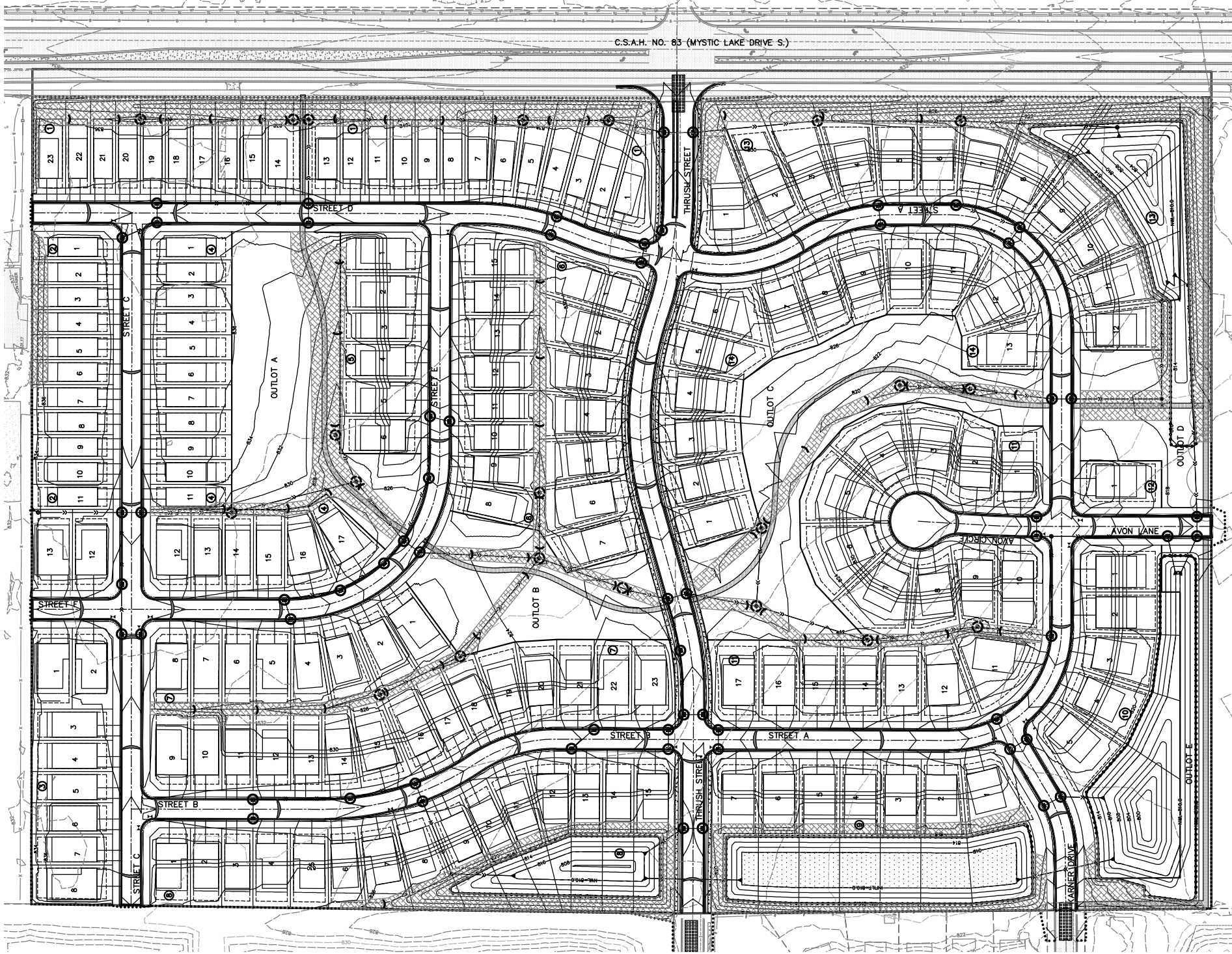
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Name John M. Molinaro Date 02-19-2021
 Reg. No. 45831

2422 Enterprise Drive
Mendota Heights, MN 55120
(651) 681-1914
Fax: 681-9488
www.pioneereng.com

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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 3 EROSION CONTROL BLANKET.
INSTALL WITHIN 7 DAYS OF GRADING
COMPLETION
- FILTRATION AREA

BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.= 774.78