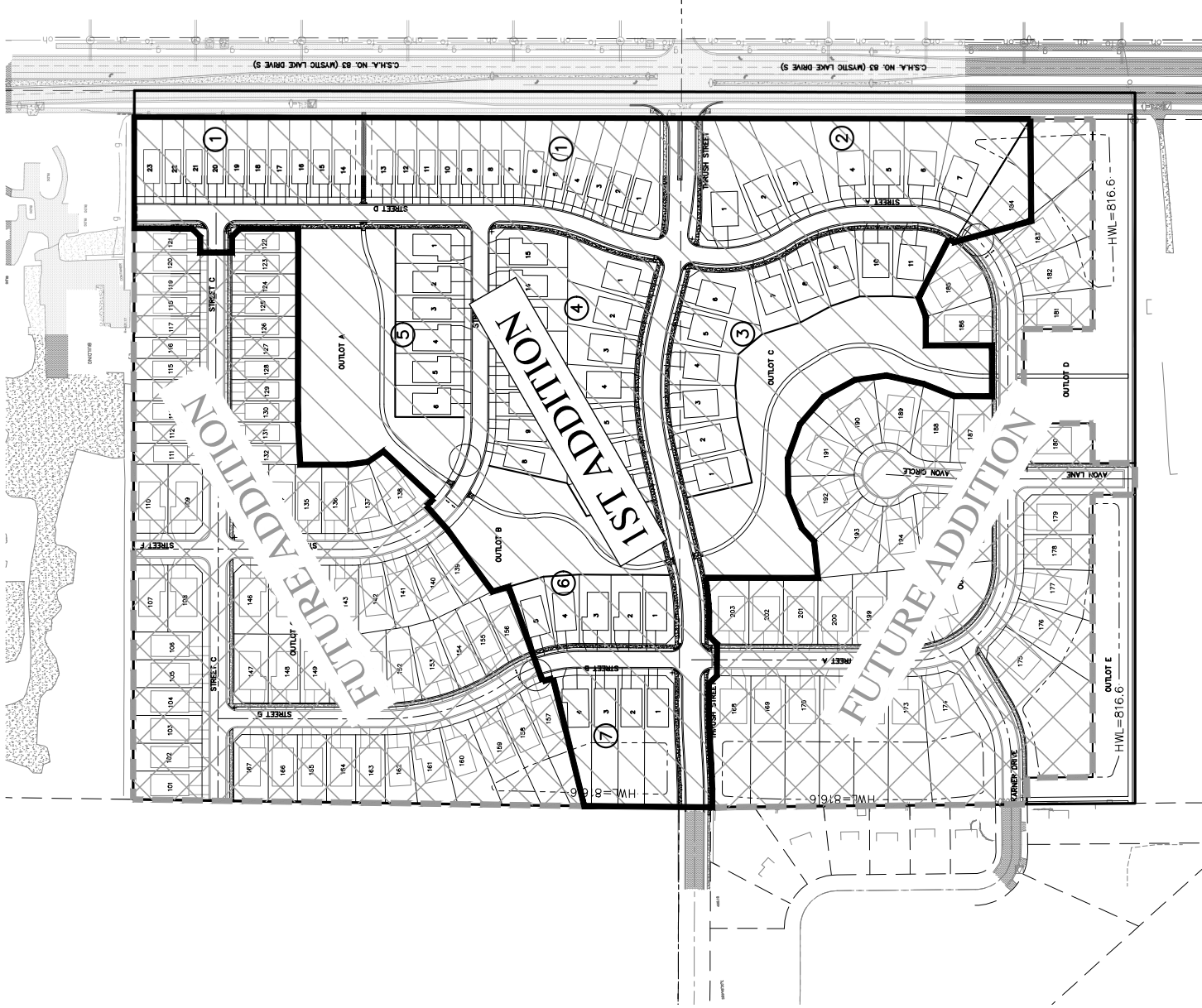
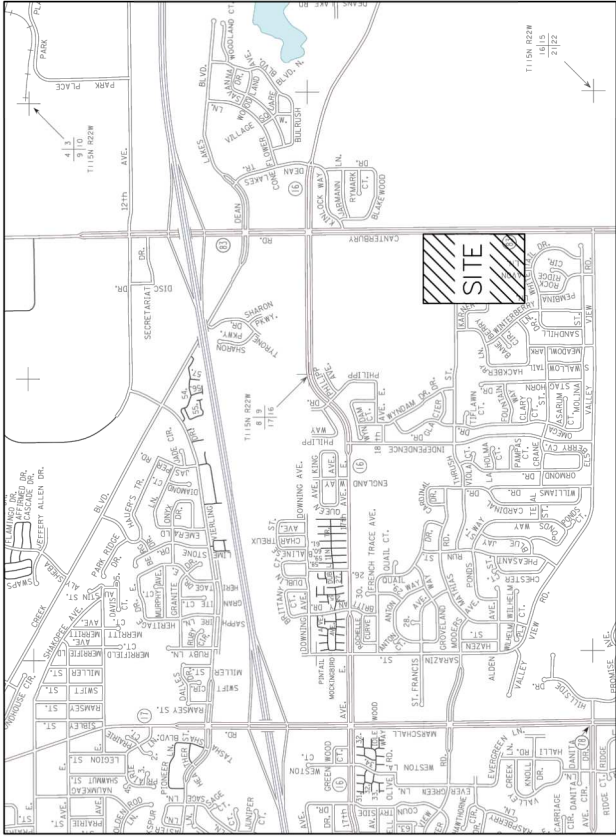


VALLEY CREST 1ST ADDITION UTILITY & STREET CONSTRUCTION PLAN SHAKOPEE, MINNESOTA



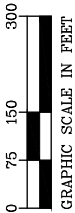
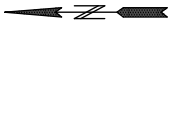
WARNING!
UNDERGROUND UTILITIES
CALL 48 HOURS BEFORE DIGGING
GOPHER STATE ONE CALL
TWIN CITIES AREA: (651) 454-0002
MN. TOLL FREE: 1-800-252-1166



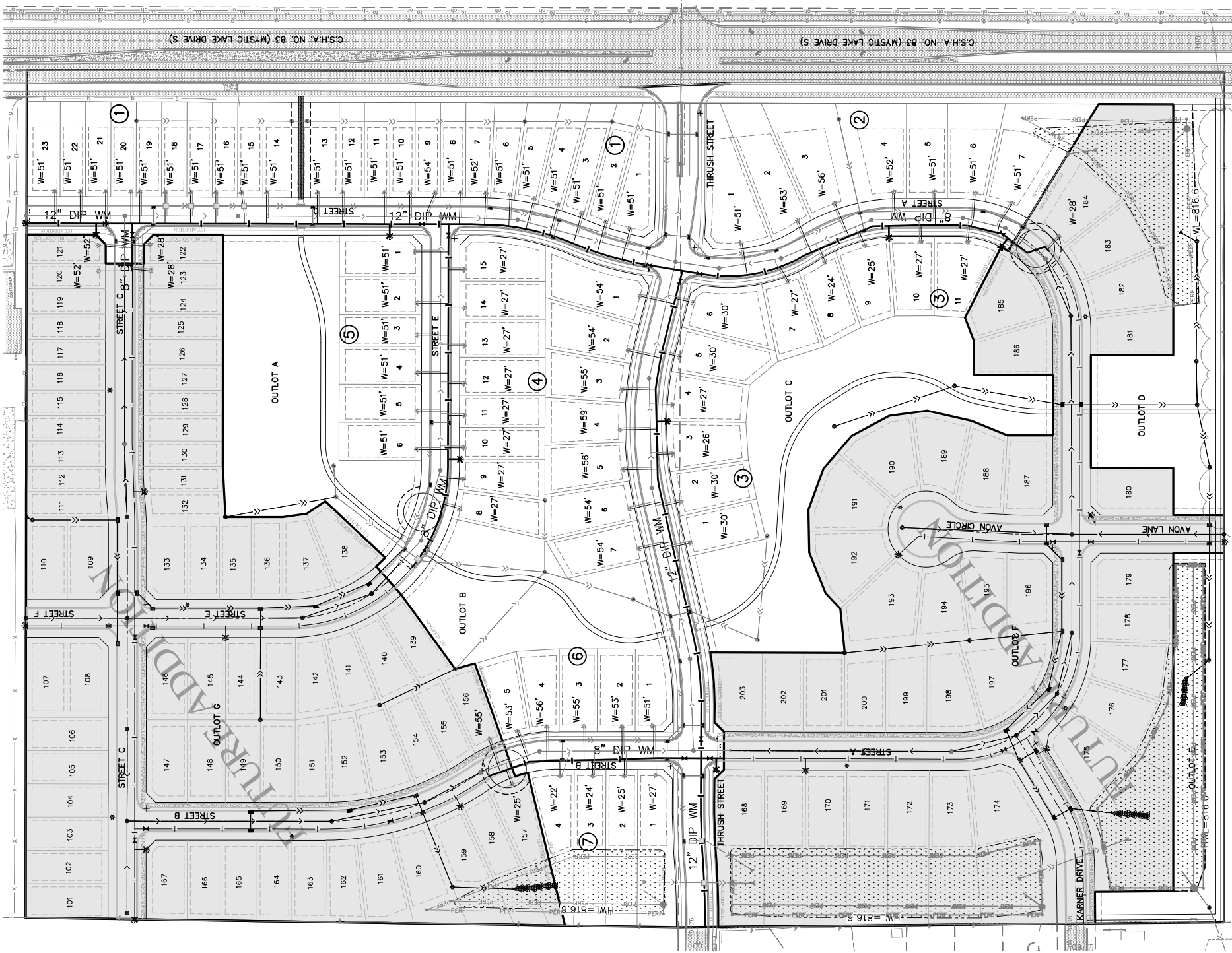
LOCATION MAP

SHEET INDEX

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



LEGEND:



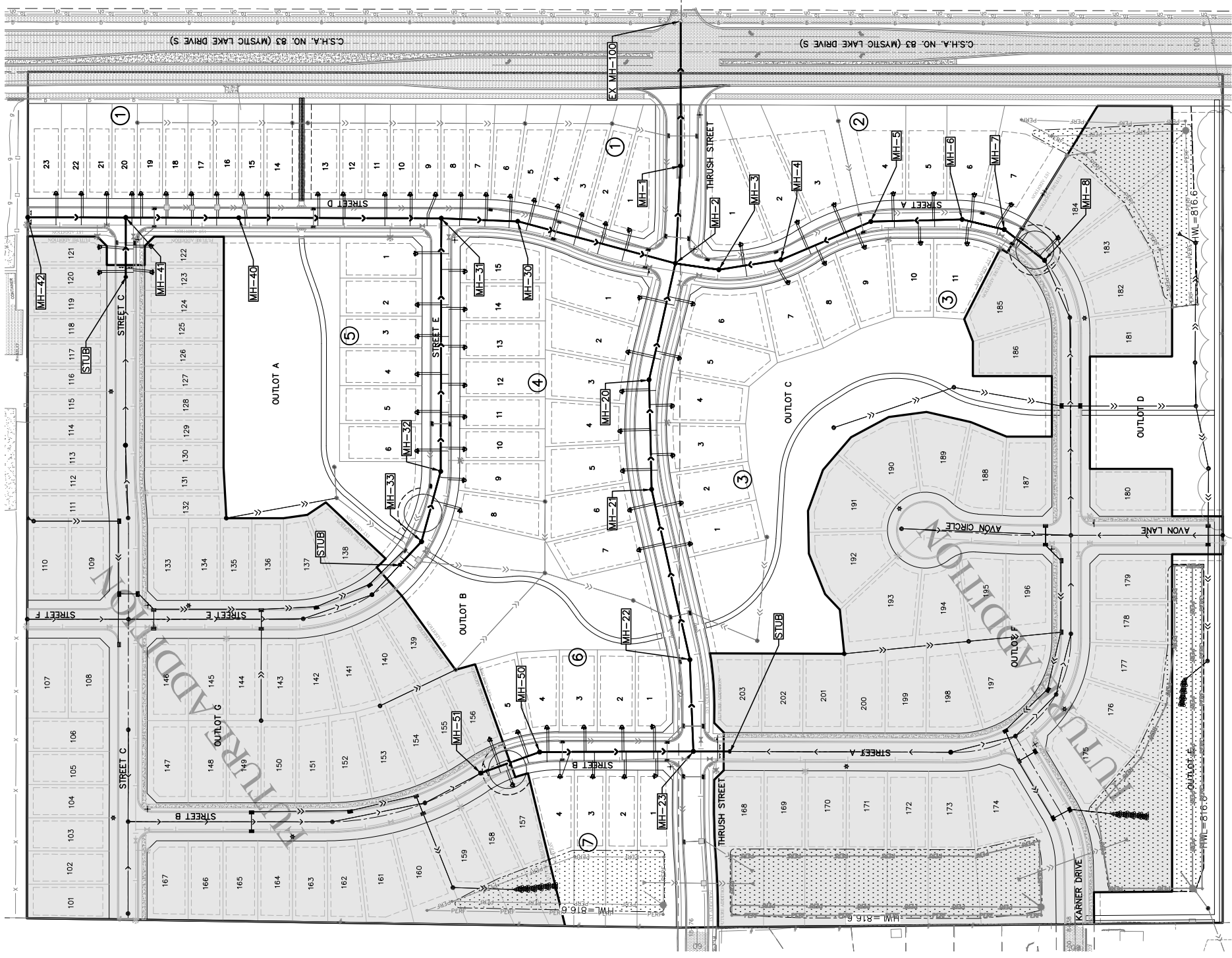
FUTURE CONSTRUCTION

SPUC APPROVAL	CITY APPROVAL	DATE	REVISION
APPROVED FOR ONE YEAR FROM THIS DATE			
SHAKOPEE PUBLIC UTILITIES COMMISSION		DATE	
ALL MATERIALS & CONSTRUCTION METHODS SHALL COMPLY WITH SHAKOPEE PUBLIC UTILITIES COMMISSION WATER POLICY MANUAL DATED AUGUST 04, 2014.			

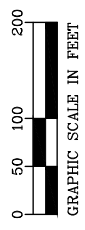
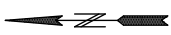


BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.=774.78

01-ENG-121088-SHEET-OVERALL-WATR



LEGEND:
FUTURE CONSTRUCTION



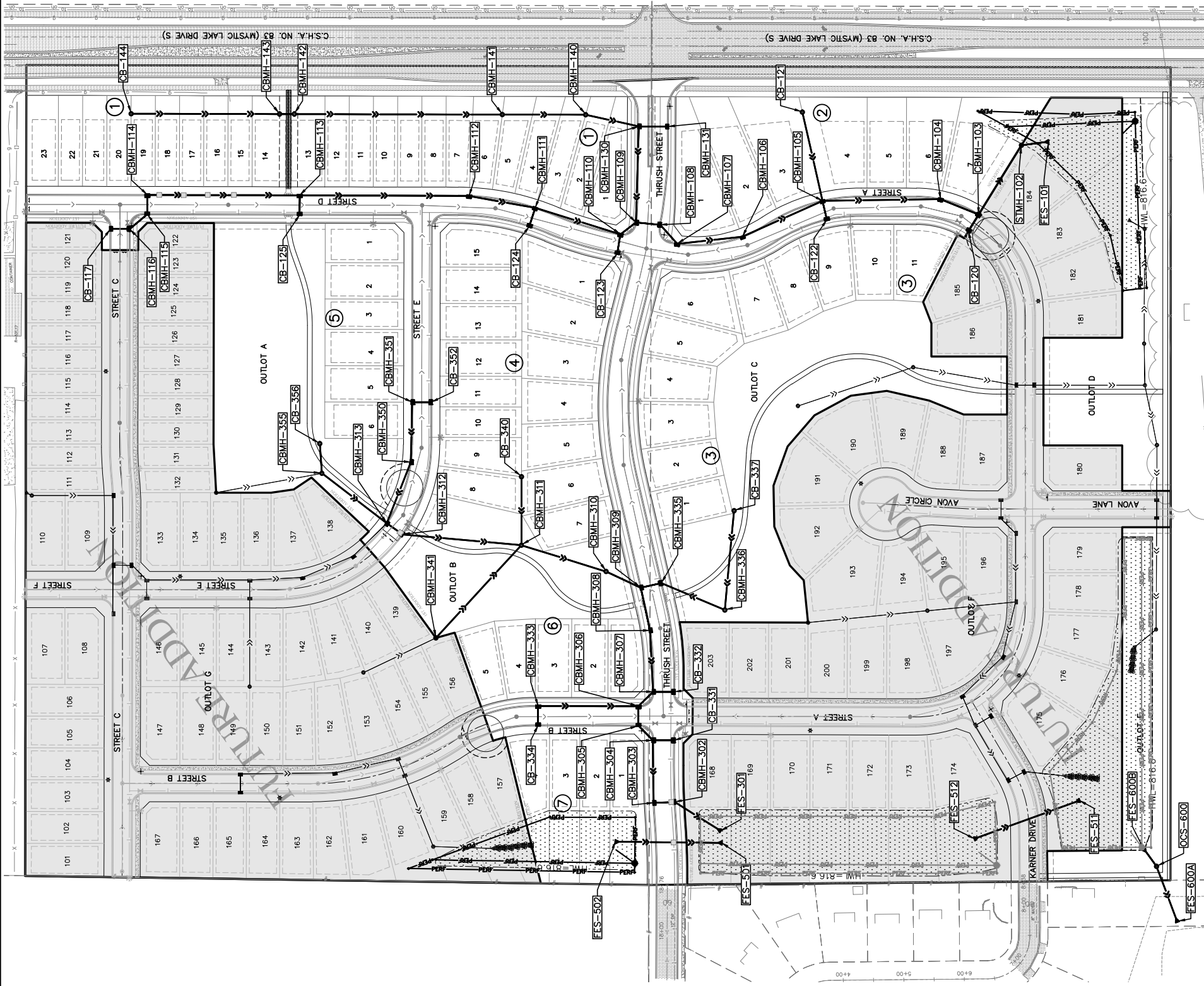
BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.=774.78

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: 06-16-2021

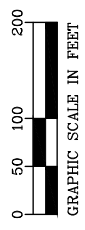
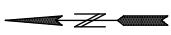
Revisions
Date: 06-16-2021
Designed: JMM
Drawn: JMM/PTS

OVERALL SANITARY SEWER

M/I HOMES
5554 PARKDALE DR #100
ST. LOUIS PARK, MINNESOTA 55416



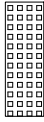
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FUTURE CONSTRUCTION



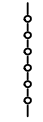
BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.=774.78

01-ENG-121089-SHEET-OVERALL-STRM

LEGEND

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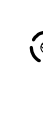
ROCK CONSTRUCTION ENTRANCE
INSTALL BEFORE START OF GRADING
- 

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
- 

MANDOT 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



LEGEND

- 

ROCK CONSTRUCTION ENTRANCE
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MNDOT CAT 3 EROSION CONTROL BLANKET.
INSTALL WITHIN 7 DAYS OF GRADING
COMPLETION
- 

FILTRATION AREA

PIONEER*Engineering*
CIVIL ENGINEERS LAND PLANNERS LAND SURVEYORS LANDSCAPE ARCHITECTS
2422 Enterprise Drive
Mendota Heights, MN 55120
(651) 681-1914
Fax: 681-9488
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: 06-16-2021

Revisions

Date 06-16-2021
Designed JMM
Drawn JMM/PJT

EROSION CONTROL PLAN

M/I HOMES
5354 PARKDALE DR #100
ST. LOUIS PARK, MINNESOTA 55416

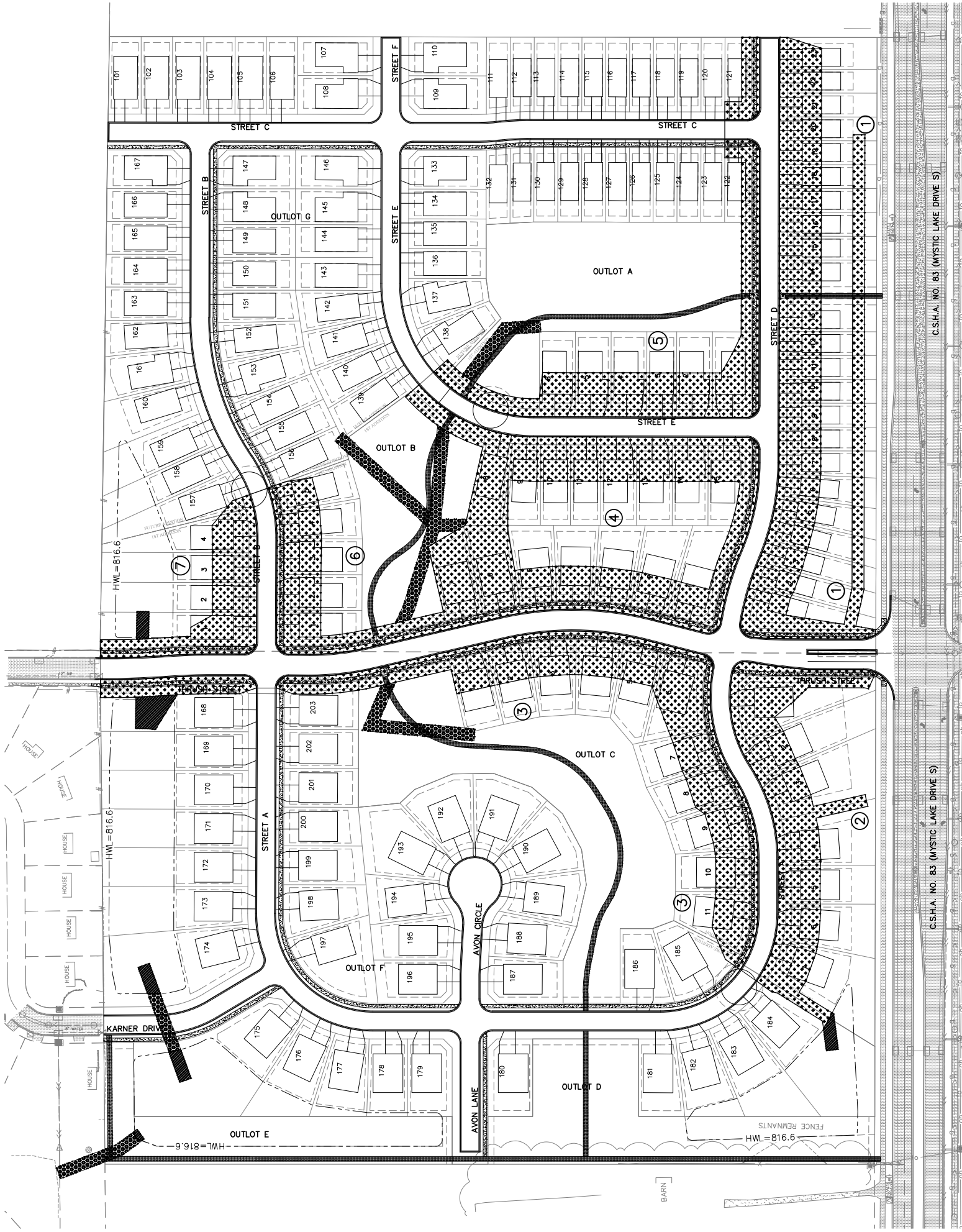
VALLEY CREST 1ST ADDITION
SHAKOPEE, MINNESOTA

40 OF 74

01-ENG-121089-SHEET-EROS-UTIL

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





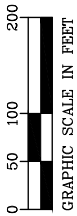
- PERMANENT TURF RESTORATION SHALL BE DONE IN ACCORDANCE WITH MNDOT 2575 & 3876 CONSISTING OF:
- MNDOT MIXTURE 25-141 AT 75 POUNDS PER ACRE.
 - MULCH SHALL BE MNDOT TYPE 3 @ 2 TONS PER ACRE OR APPROVED EQUAL AND DISK ANCHORED IN PLACE OR APPROVED EQUAL, DISTURBED TO MINIMUM 90% COVERAGE OF THE SURFACE AREA.
 - TYPE 3 FERTILIZER 22-5-10 80%WLN @ 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/(INFILTRATION 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 N 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
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
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ELEV.=774.78