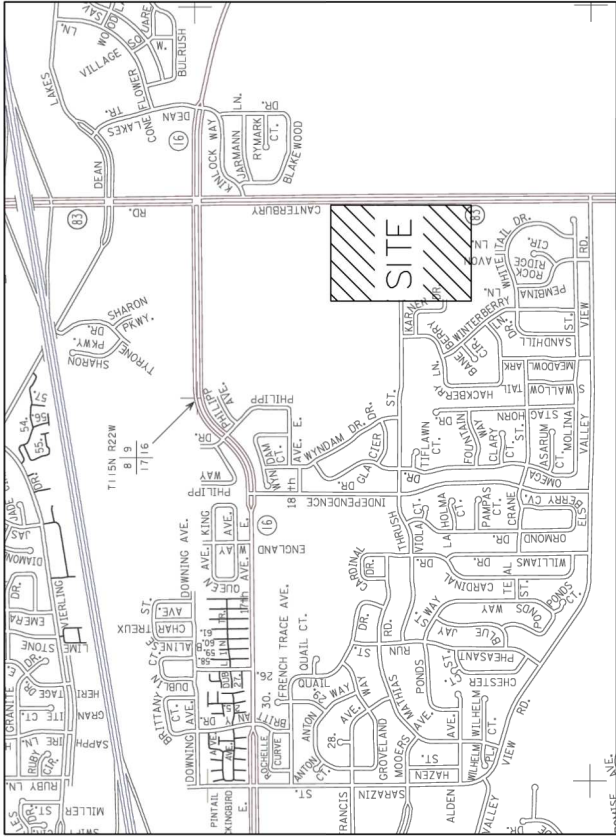


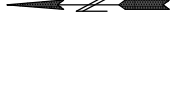
VALLEY CREST 3RD ADDITION UTILITY & STREET CONSTRUCTION PLAN SHAKOPEE, MINNESOTA



LOCATION MAP

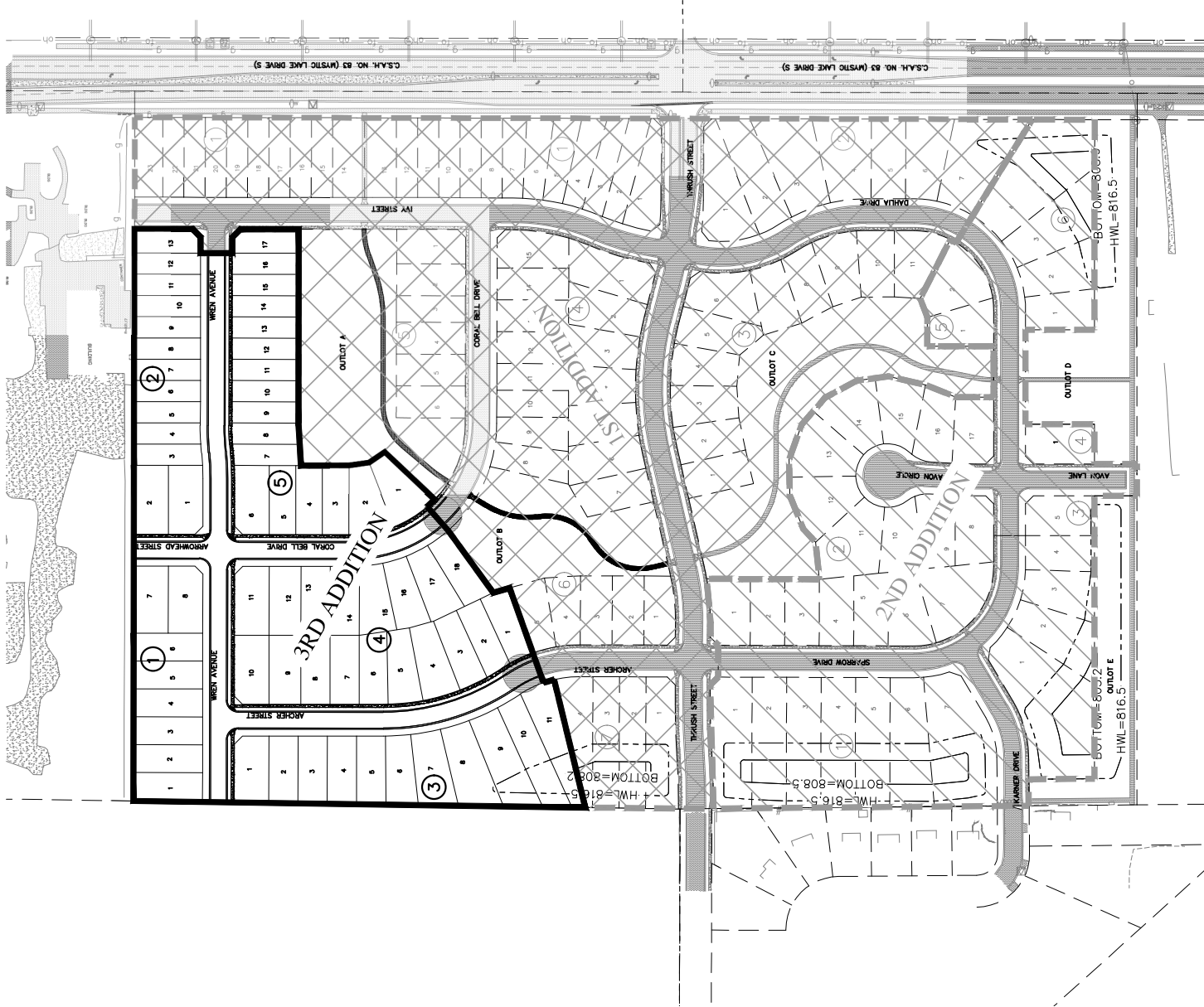
SHEET INDEX

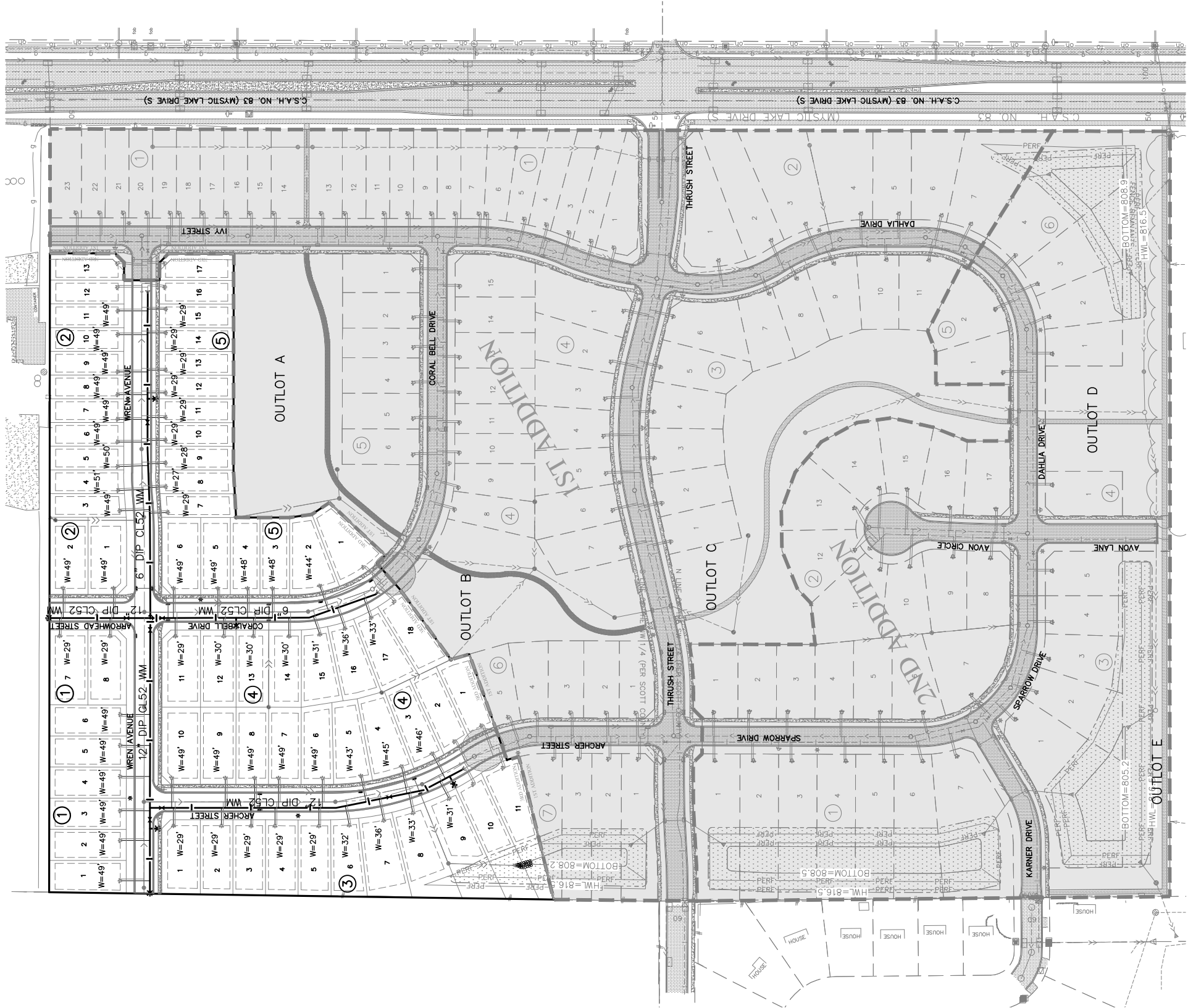
COVER SHEET	1
LEGEND SHEET	2
TYPICAL SECTIONS	3
OVERALL WATERMAIN PLAN	4
OVERALL SANITARY PLAN	5
OVERALL STORM PLAN	6
SANITARY SEWER & WATERMAIN CONSTRUCTION	7-9
WATERMAIN VERTICAL OFFSET PLAN	10
STORM SEWER CONSTRUCTION	11-13
STREET CONSTRUCTION PLAN	14-16
INTERSECTION DETAILS	17
TRAIL CONSTRUCTION PLAN	18
ALIGNMENT PLAN	19
SIGNAGE PLAN	20
LIGHT & SMALL UTILITIES PLAN	21
STORM WATER POLLUTION PREVENTION PLAN	22
PROPOSED HYDROLOGY MAP	23
MPCA MAP	24
EROSION CONTROL PLAN	25
SEEDING PLAN	26
DETAILS	27-59
LANDSCAPE PLAN	60-61



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

03-ENG-121089-SHEET COVER





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

03-ENG-121089-SHEET-OVERALL-WATR

SPUC APPROVAL	CITY APPROVAL	DATE	REVISION

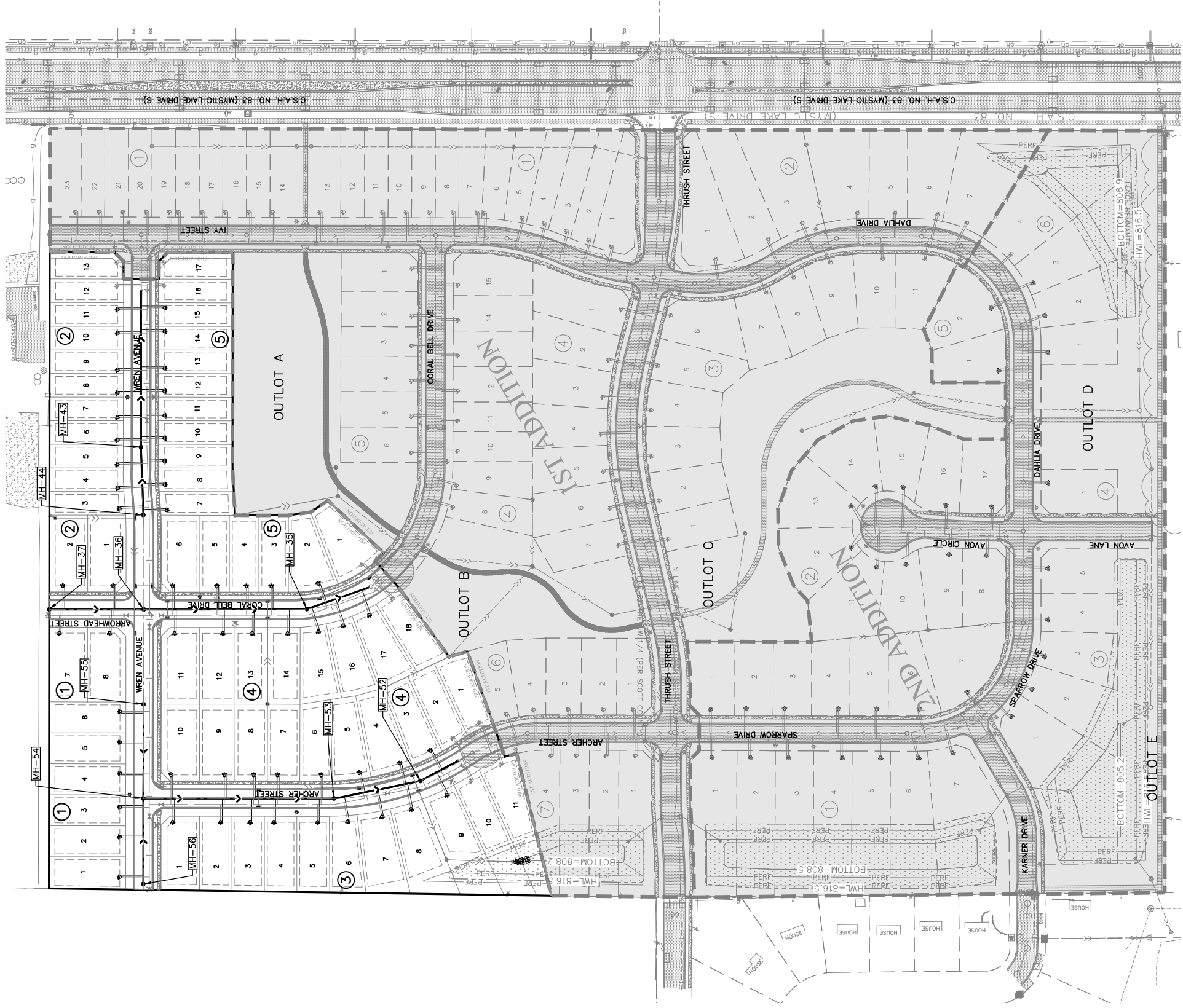
APPROVED FOR ONE YEAR FROM THIS DATE

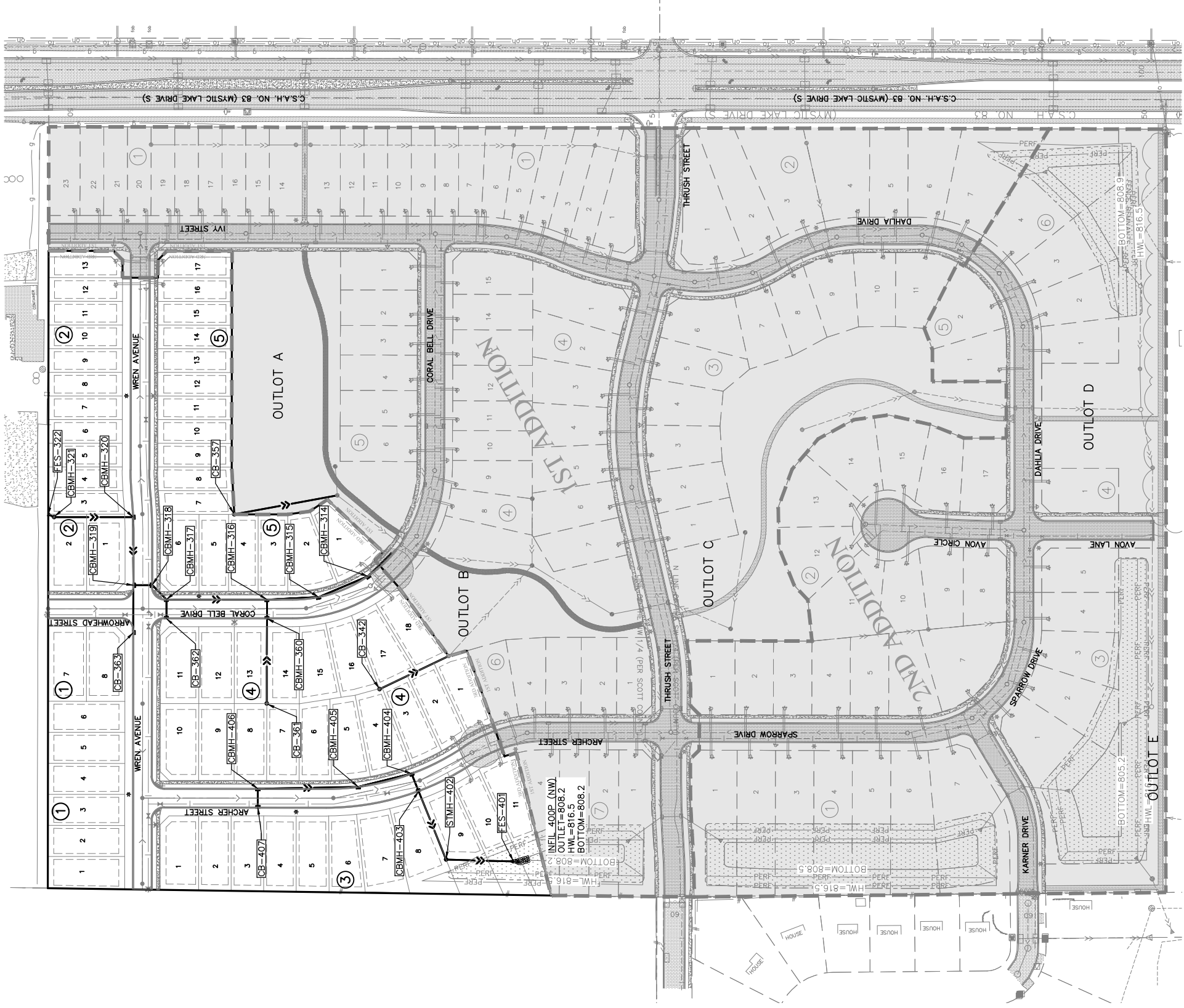
SHAKOPEE PUBLIC UTILITIES COMMISSION DATE
ALL MATERIALS & CONSTRUCTION METHODS SHALL COMPLY WITH SHAKOPEE
PUBLIC UTILITIES COMMISSION WATER POLICY MANUAL DATED AUGUST 04, 2014.

LEGEND:



EXISTING CONSTRUCTION





LEGEND:
EXISTING CONSTRUCTION

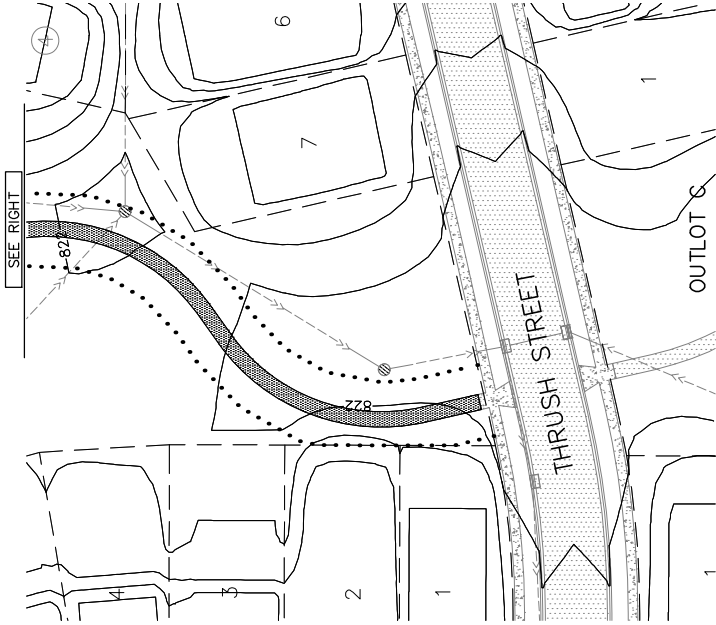


BENCH MARK
MN DOT MONUMENT BLASCHKO
AT TRUNK HIGHWAY 169 AND
COUNTY ROAD 83
ELEV.=774.78

LEGEND

- ROCK CONSTRUCTION ENTRANCE
INSTALL BEFORE START OF CONSTRUCTION
- PERMETER EROSION CONTROL FENCE.
INSTALL BEFORE START OF CONSTRUCTION
- MAINTAIN 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. INSTALL ON
EXISTING STREET INLETS.
- CATCH BASIN INLET PROTECTION
TO BE INSTALLED WITH CATCH
BASIN GRATE. INSTALL ON EXISTING
CATCH BASIN INLETS.
- STRAW BIO ROLLS. INSTALL WITHIN 7 DAYS
OF GRADING COMPLETION OR BEFORE 1ST
RAINFALL EVENT WHICHEVER IS FIRST
- MNDOT CAT 20 EROSION CONTROL BLANKET.
INSTALL WITHIN 7 DAYS OF GRADING
COMPLETION
- FILTRATION AREA

NOTE:
HEAVY EQUIPMENT USE IN INFILTRATION BASINS ONCE
NEAR FINAL GRATE TO AVOID COMPACTION OF SOILS.



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. McManis
Reg. No. 45831 Date: 12-16-2022

Revisions

Date: 12-16-2022
Designed: JMM
Drawn: MBG

EROSION CONTROL PLAN

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

VALLEY CREST 3RD ADDITION
SHAKOPEE, MINNESOTA

25 OF 61

03-ENG-121080-SHEET-EROS-UTIL

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

