

CIVIL BOUNDARY LEGEND

---	SECTION LINE
---	PROPERTY BOUNDARY
---	PROPERTY LINE / LOT LINE
---	EASEMENT LINE
---	R/W RIGHT-OF-WAY
---	P/E PERMANENT EASEMENT
---	C/E CONSTRUCTION EASEMENT

CIVIL UTILITY LEGEND

EXISTING	PROPOSED	
SS	SSFM	SANITARY SEWER
○	○	SANITARY SEWER FORCEMAIN
○	○	SANITARY MANHOLE
○	○	SANITARY CLEANOUT
○	○	SANITARY DROP MANHOLE
○	○	SANITARY WYE
○	○	SANITARY PLUG
○	○	SANITARY PIG
SD	SD	STORM DRAIN PIPE
○	○	AREA INLET
○	○	BEEHIVE INLET
○	○	CURB INLET
○	○	STORM MANHOLE
○	○	FES OUTFALL
W	W	WATER LINE
○	○	CURB STOP
○	○	WATER MANHOLE
○	○	AIR RELEASE MANHOLE
○	○	METER MANHOLE
○	○	GATE VALVE
○	○	BLOW-OFF HYDRANT
○	○	FIRE HYDRANT
○	○	WELL
○	○	AIR RELEASE HYDRANT
○	○	BUTTERFLY VALVE
○	○	PRESSURE REDUCING MANHOLE
○	○	SLIDE MANHOLE
○	○	PLUG VALVE
○	○	WATER CROSS
○	○	WATER TEE
○	○	WATER FITTING
○	○	WATER CAP
○	○	WATER COUPLING
○	○	WATER REDUCER
○	○	SADDLE
CTV	CTV	CABLE TV LINE
TV	TV	CABLE TV PEDESTAL
T	T	TELEPHONE LINE
TF	TF	TELEPHONE PEDESTAL
TFO	TFO	FIBER OPTIC LINE
FO	FO	FIBER OPTIC PEDESTAL
G	G	GAS LINE
GE	GE	GAS LINE VENT
UGE	UGE	ELECTRIC, UNDERGROUND
OHE	OHE	ELECTRIC, OVERHEAD
○	○	ELECTRIC UTILITY POLE
○	○	ELECTRIC BOX
○	○	ELECTRIC MANHOLE
○	○	ELECTRIC GUY
○	○	ELECTRIC LIGHT
○	○	ELECTRIC SIGNAL ARM
○	○	ELECTRIC SIGNAL
○	○	ELECTRIC PUSH-TO-WALK
○	○	UNKNOWN PEDESTAL
○	○	UNKNOWN MANHOLE

CIVIL TOPOGRAPHIC LEGEND

EXISTING	PROPOSED	
X	X	BUILDING
XX	XX	FENCE, BARBED WIRE
○	○	FENCE, WOVEN WIRE
○	○	FENCE, CHAINLINK
○	○	FENCE, WOOD
○	○	FENCE, VINYL
○	○	TREE - GROUP
○	○	TREE - DECIDUOUS
○	○	SHRUB / BUSH
○	○	SIGN
○	○	MILE POST
○	○	BORE HOLE
○	○	RIGHT-OF-WAY MONUMENT
○	○	CONTOUR - INDEX
○	○	CONTOUR - INTERMEDIATE

CIVIL SURFACE LEGEND

EXISTING	PROPOSED	
○	○	BITUMINOUS PAVEMENT
○	○	CONCRETE
○	○	GRAVEL

CITY OF SHAKOPEE, MINNESOTA

CONSTRUCTION PLANS

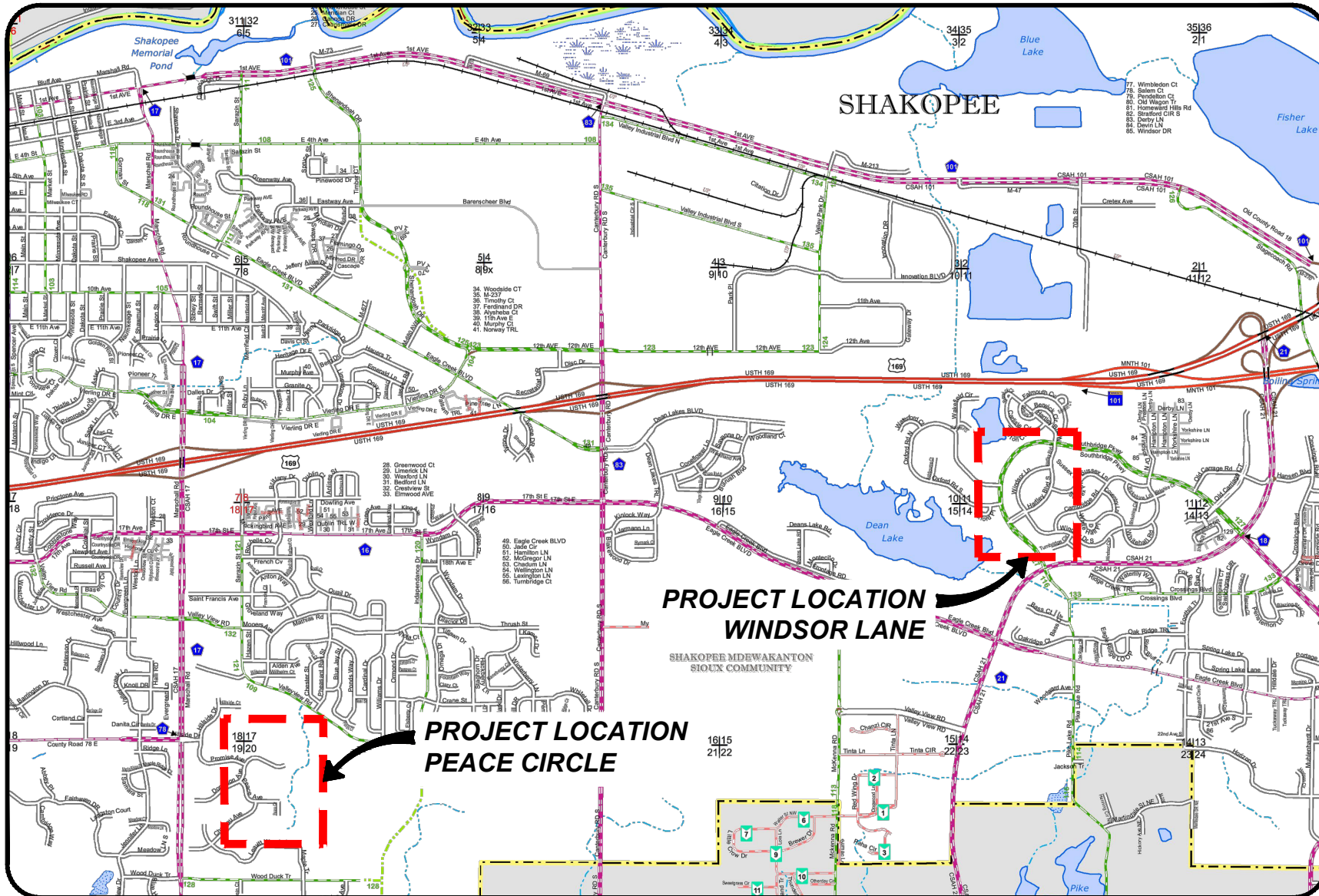
FOR

GRADING AND STORM DRAINAGE IMPROVEMENTS

PEACE CIRCLE OUTLET IMPROVEMENT

WINDSOR LANE OUTLET IMPROVEMENT

CITY PROJECT NO. STORM 20-001



GOVERNING SPECIFICATIONS

THE 2018 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN EXCEPT AS MODIFIED BY THE SPECIFICATIONS FOR THIS PROJECT.

ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE MINMUTCD, INCLUDING "FIELD MANUAL FOR TEMPORARY TRAFFIC CONTROL ZONE LAYOUTS."

THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF CIASCE 28-2, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA".

THE EXACT LOCATION OF UNDERGROUND UTILITIES SUCH AS GAS, TELEPHONE, FIBEROPTIC, ELECTRIC, CABLE TV, AND PIPE LINES ARE UNKNOWN. IT IS NOT GUARANTEED THAT ANY OR ALL EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL CONTACT GOPHER STATE ONE CALL BEFORE COMMENCING EXCAVATION. THE CONTRACTOR AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THEIR FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES AND SURFACE STRUCTURES. GOPHER STATE ONE-CALL 1-800-252-1166 OR 651-454-0002.

PLAN REVISIONS

DATE	SHEET NO.	APPROVER

THIS PLAN CONTAINS 21 SHEETS

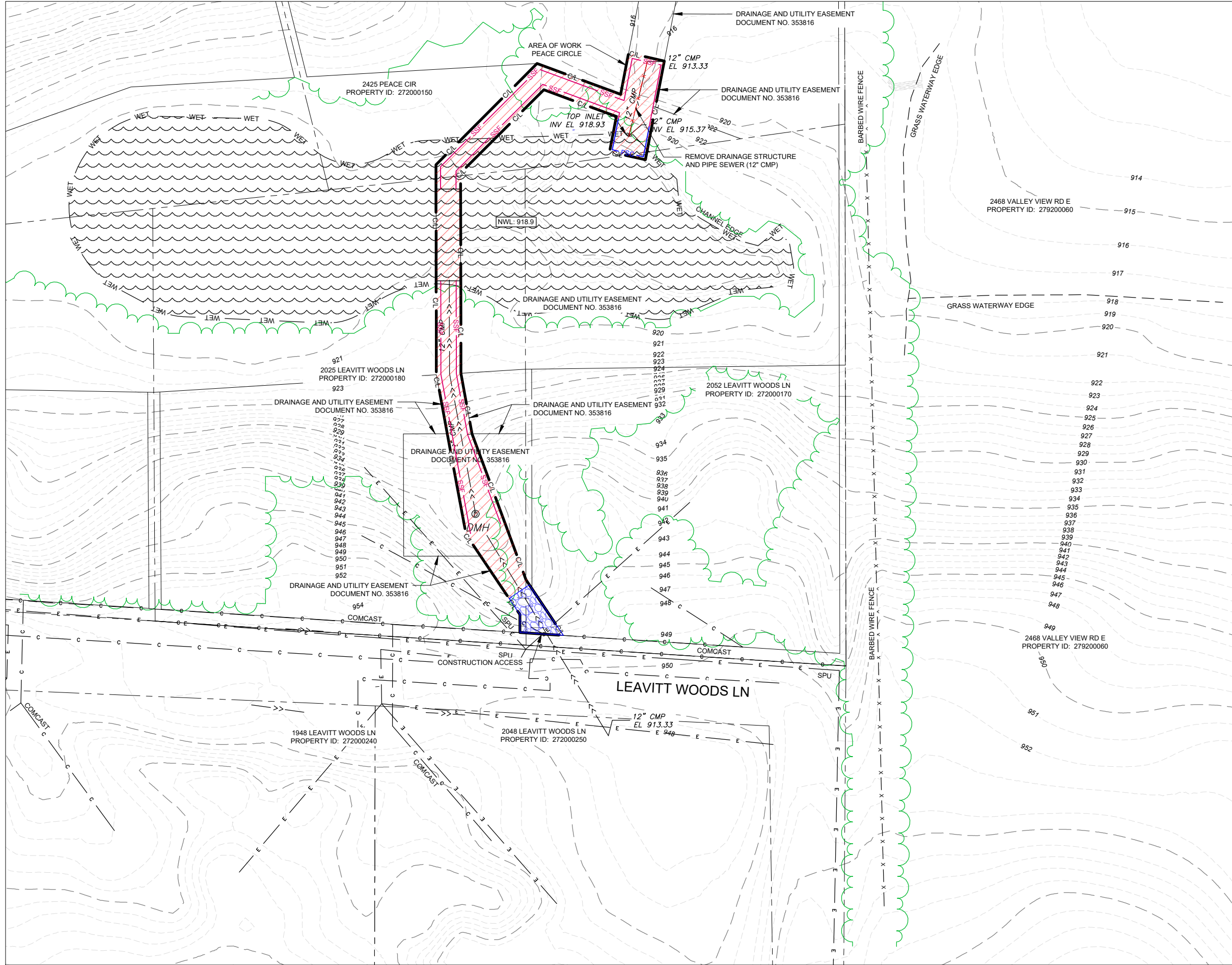


I HERBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: JUSTIN KLABO LICENSE # 48701

DATE: 01/04/2022 SIGNATURE:

SHEET NO. 1 OF 21 SHEETS



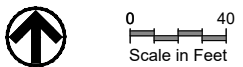
I HERBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

SIGNATURE
JUSTIN T KLABO, PE
PRINTED NAME
LIC. NO. 48701 DATE: 01/04/2022



COORDINATE SYSTEM:
MINNESOTA DOT: SCOTT COUNTY,
US SURVEY FOOT

VERTICAL DATUM:
NATIONAL AMERICAN VERTICAL DATUM
OF 1988 (NAVD 88)



ESC AND REMOVAL LEGEND

- CLEARING AND GRUBBING (LUMP SUM)
- SILT FENCE
- FLOATING SILT CURTAIN
- STABILIZED CONSTRUCTION EXIT

NOTES:
CONTRACTOR IS REQUIRED TO CLEAR AND GRUB TREES WITHIN THE CONSTRUCTION LIMITS TO OBTAIN ACCESS TO THE SITE AREA. CENTERLINE OF THE ACCESS ROUTE WILL BE FLAGGED IN THE FIELD DURING BIDDING. CONTRACTOR TO MARK TREES WITH RIBBON FOR THE ENGINEER TO REVIEW AND COORDINATE WITH PROPERTY OWNERS PRIOR TO ANY REMOVALS. TREES NOT MARKED FOR REMOVAL SHALL BE PROTECTED. CONTRACTOR SHALL TRIM ANY LIMBS OR BRANCHES AS NEEDED OR ANY THAT ARE BROKEN DURING CONSTRUCTION (INCIDENTAL).

CONTRACTOR TO INSTALL MATS AS NEEDED TO ACCESS SITE (INCIDENTAL).

PEACE CIRCLE - ESC AND REMOVALS

PEACE CIRCLE - ESC AND REMOVALS

WINDSOR LANE OUTLET IMPROVEMENTS

SHAKOPEE, MINNESOTA

CITY PROJECT NO.
STORM 20-001

PREPARED BY
TMT

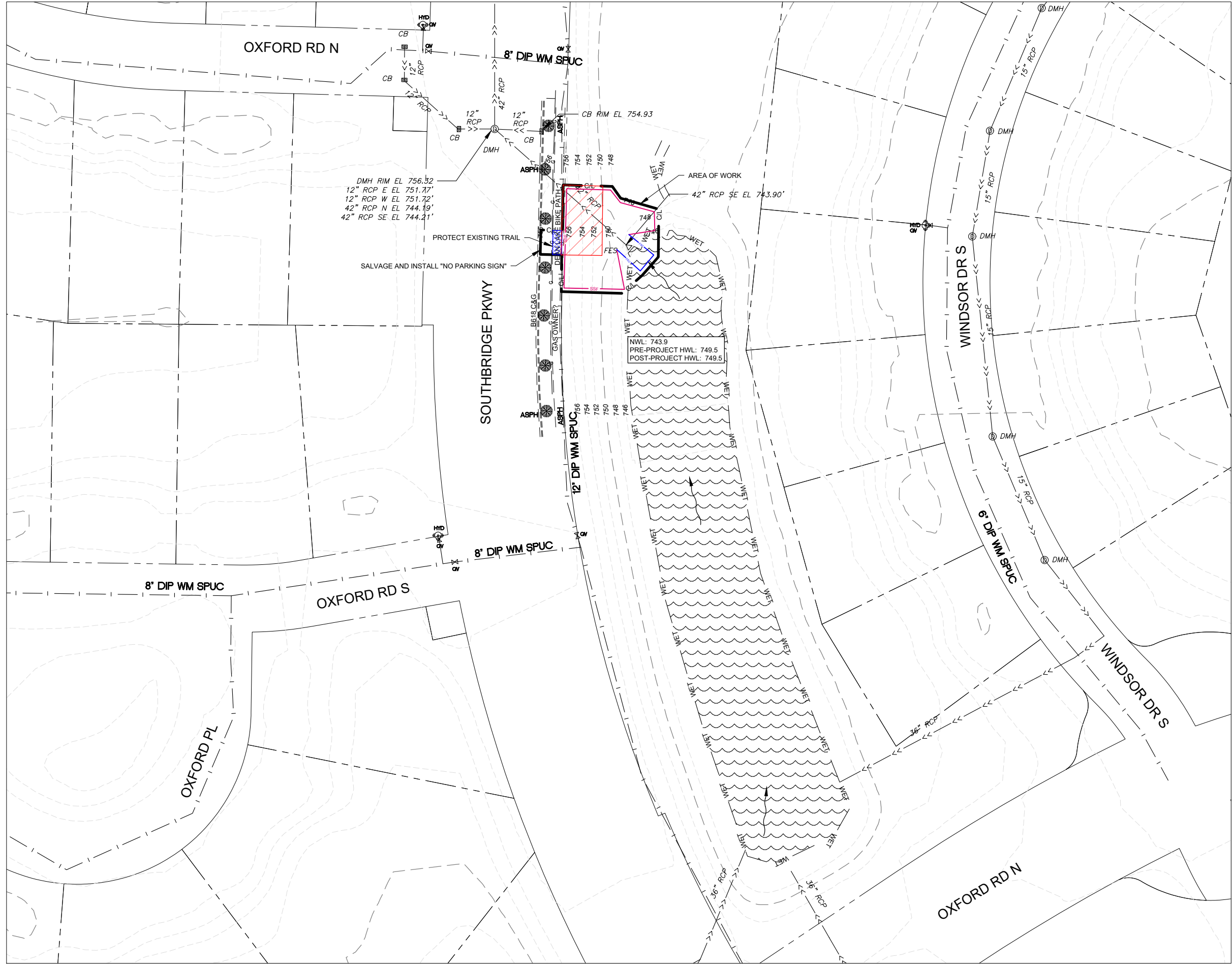
CHECKED / APPROVED
JJ / JK

DATE
JAN 2022

PROJECT NUMBER
P05475-2020-009

SHEET
4 of 21

DRAWING
04



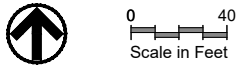
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SIGNATURE
JUSTIN T. KLABO, PE
PRINTED NAME
LIC. NO. 48701 DATE: 01/04/2022



COORDINATE SYSTEM:
MINNESOTA DOT: SCOTT COUNTY,
US SURVEY FOOT

VERTICAL DATUM:
NATIONAL AMERICAN VERTICAL DATUM
OF 1988 (NAVD 88)



- ESC AND REMOVAL LEGEND**
- CLEARING AND GRUBBING (LUMP SUM)
 - PROTECT EXISTING TRAIL
 - SSF SILT FENCE
 - FSC FLOTATION SILT CURTAIN TYPE STILL WATER

PEACE CIRCLE OUTLET IMPROVEMENTS
WINDSOR LANE OUTLET IMPROVEMENTS
SHAKOPEE, MINNESOTA

CITY PROJECT NO.
STORM 20-001
PREPARED BY
TMT
CHECKED / APPROVED
JJ / JK
DATE
JAN 2022
PROJECT NUMBER
P05475-2020-009

SHEET
9 of 21
DRAWING
09