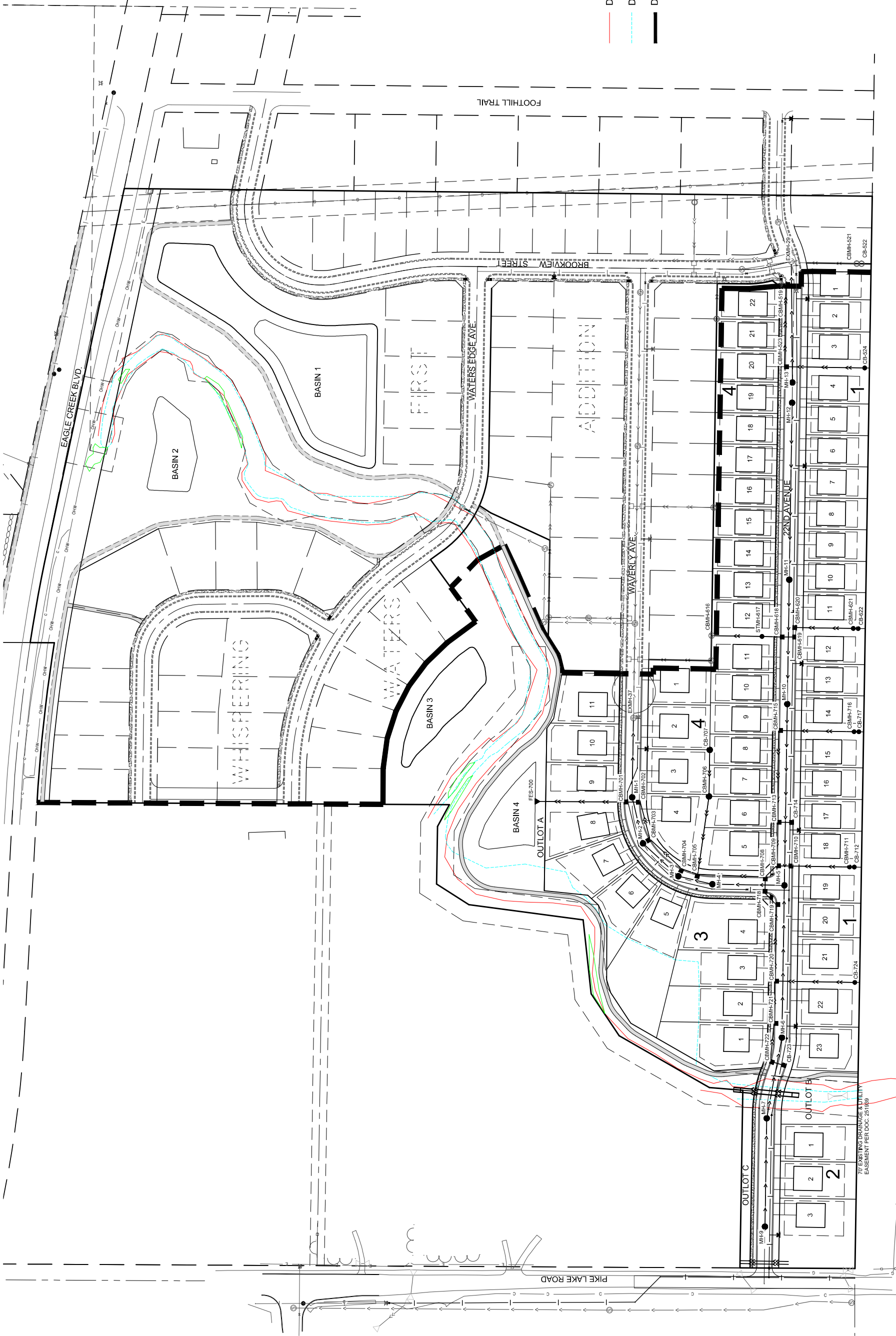
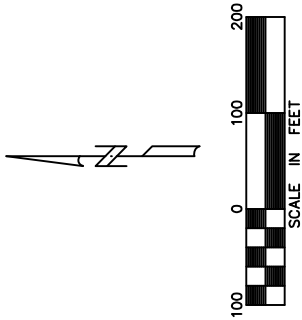




- DENOTES EXISTING TOP OF BANK OF P.L.O.C.
- DENOTES EXISTING HWL OF P.L.O.C.
- DENOTES PHASE LINE

GENERAL LAYOUT

WHISPERING WATERS SECOND ADDITION

SHAKOPEE, MINNESOTA

DESIGNED	CHECKED
DRAWN	DATE
JJ	2/10/2022
SCALE	AS SHOWN
JOB NO.	17817.00

PREPARED FOR:

KRB DEVELOPMENT VIII, LLC

17021 FISH POINT ROAD,
PRIOR LAKE, MN 55372

REVISIONS

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

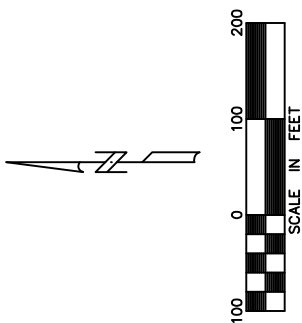
[Signature]

DATE: 2/10/2022 REG. NO. 48365

CONSULTING ENGINEERS,
PLANNERS and LAND SURVEYORS

PROBE ENGINEERING COMPANY, INC.

1000 EAST 146th STREET, BURNSVILLE, MINNESOTA 55337 PH (952)432-3000



APPROVED FOR ONE YEAR FROM THIS DATE

SHAKOPEE PUBLIC UTILITIES COMMISSION

ALL MATERIALS AND CONSTRUCTION METHODS SHALL COMPLY WITH SHAKOPEE PUBLIC UTILITIES WATER POLICY MANUAL DATED AUGUST 4, 2014.

DATE



- DENOTES EXISTING TOP OF BANK OF P.L.O.C.
- DENOTES EXISTING HWL OF P.L.O.C.
- DENOTES PHASE LINE

PROBE
ENGINEERING
COMPANY, INC.

CONSULTING ENGINEERS,
PLANNERS and LAND SURVEYORS

1000 EAST 146th STREET, BURNSVILLE, MINNESOTA 55337 PH (952)432-3000

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DATE 2/10/2022 REG. NO. 48365

REVISIONS	

PREPARED FOR:

KRB DEVELOPMENT VIII, LLC

17021 FISH POINT ROAD,
PRIOR LAKE, MN 55372

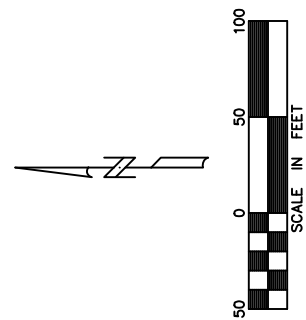
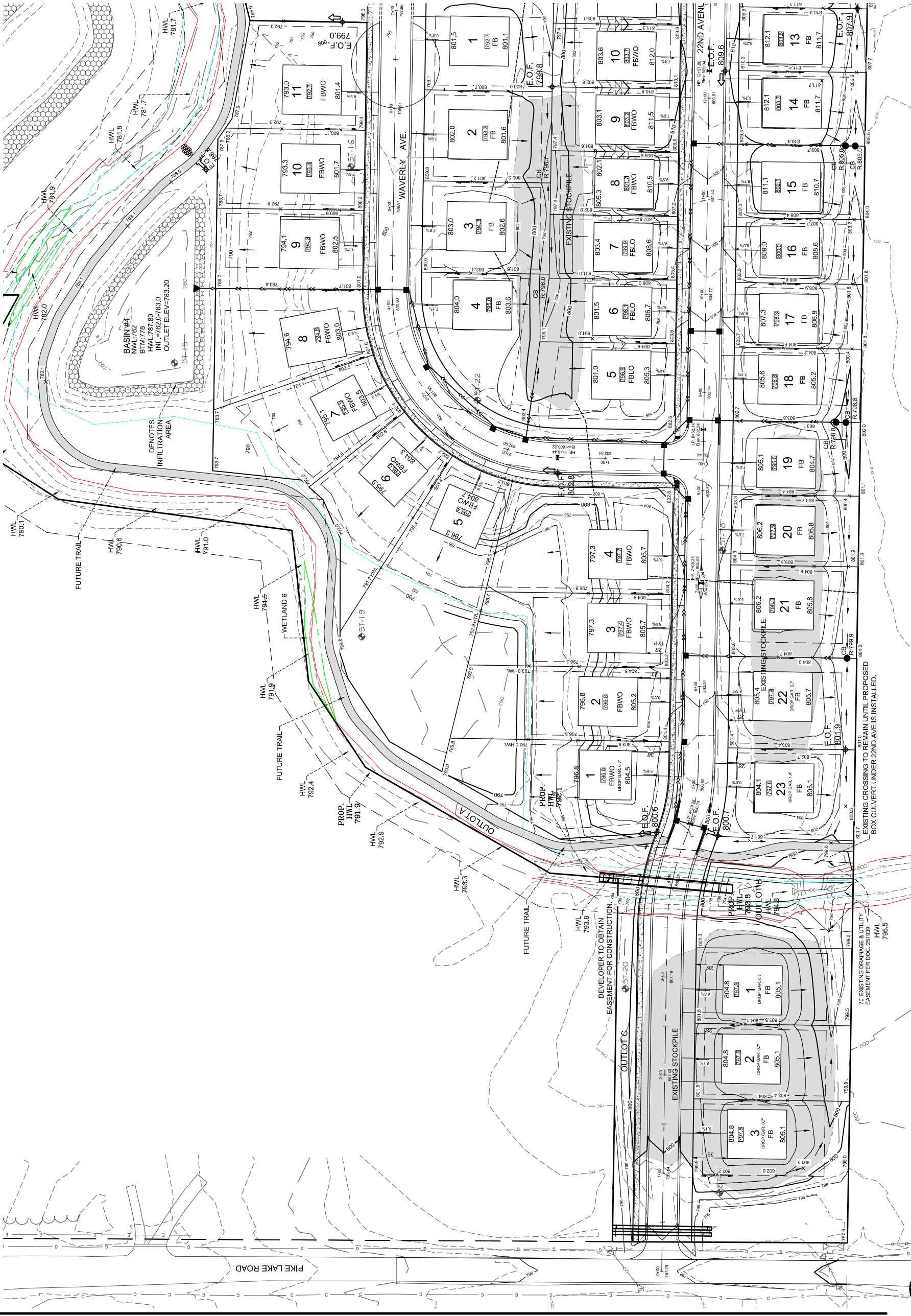
DESIGNED	CHECKED
DRAWN	DATE
JJ	2/10/2022
SCALE	AS SHOWN
JOB NO.	17817.00

WATERMAIN LAYOUT

WHISPERING WATERS SECOND ADDITION

SHAKOPEE, MINNESOTA

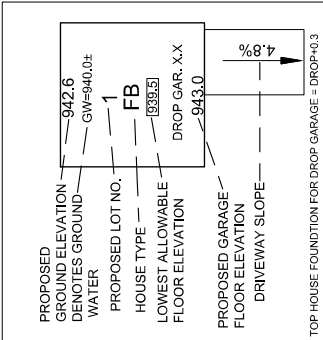
SHEET	REV.
3	OF
57	



- 25 FT
7.5 FT
30 FT
15 FT
20 FT
30 FT
30 FT
50 FT
50 FT
50%
25%
- FRONT SETBACK
SIDE SETBACK
REAR SETBACK
STREET SIDE SETBACK
REAR SETBACK (DECK)
REAR SETBACK (DECK IF DOUBLE FRONTAGE)
REAR SETBACK TO POND (HWL)
WETLAND BUFFER SETBACK
P.L.O.C.-OHWL SETBACK (TOP OF BANK)
MAXIMUM IMPERVIOUS AREA
SHORELAND OVERLAY DISTRICT
SHORELAND OVERLAY DISTRICT IS WITHIN 300 FEET OF THE HWL OF P.L.O.C.
MINIMUM LOWEST ALLOWABLE FLOOR ELEVATION IN THE SHORELAND OVERLAY DISTRICT (HWL+3 FEET)
LOW OPENING-BOF+1.0+FLOW DEPTH
CONTRACTOR TO AVOID COMPACTING INFILTRATION AREAS. SCARIFY IF COMPACTED. KEEP HEAVY EQUIPMENT OFF THE INFILTRATION BASIN.

- DENOTES EXISTING TOP OF BANK OF P.L.O.C.
— DENOTES EXISTING HWL OF P.L.O.C.
— DENOTES DELINEATED WETLAND
— DENOTES FUTURE PATHWAY

- TEMPORARY SEDIMENT BASINS:
1. CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS IN LOCATIONS AS SHOWN AND ANY OTHER LOCATIONS AS REQUIRED BY THE NPDES PERMIT.
2. TEMPORARY SEDIMENT BASINS SHALL BE SIZED PER THE NPDES PERMIT REQUIREMENTS.
3. TEMPORARY SEDIMENT BASINS SHALL HAVE A FAIRCLOTH SKIMMER TO ENABLE DRAW DOWN.



PROBE
ENGINEERING
COMPANY, INC.

CONSULTING ENGINEERS,
PLANNERS
and LAND SURVEYORS

1000 EAST 146th STREET, BURNSVILLE, MINNESOTA 55337 PH (952)432-3000

DATE 2/10/2022 REG. NO. 46365

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

DESIGNED
DRAWN
SCALE
JOB NO.

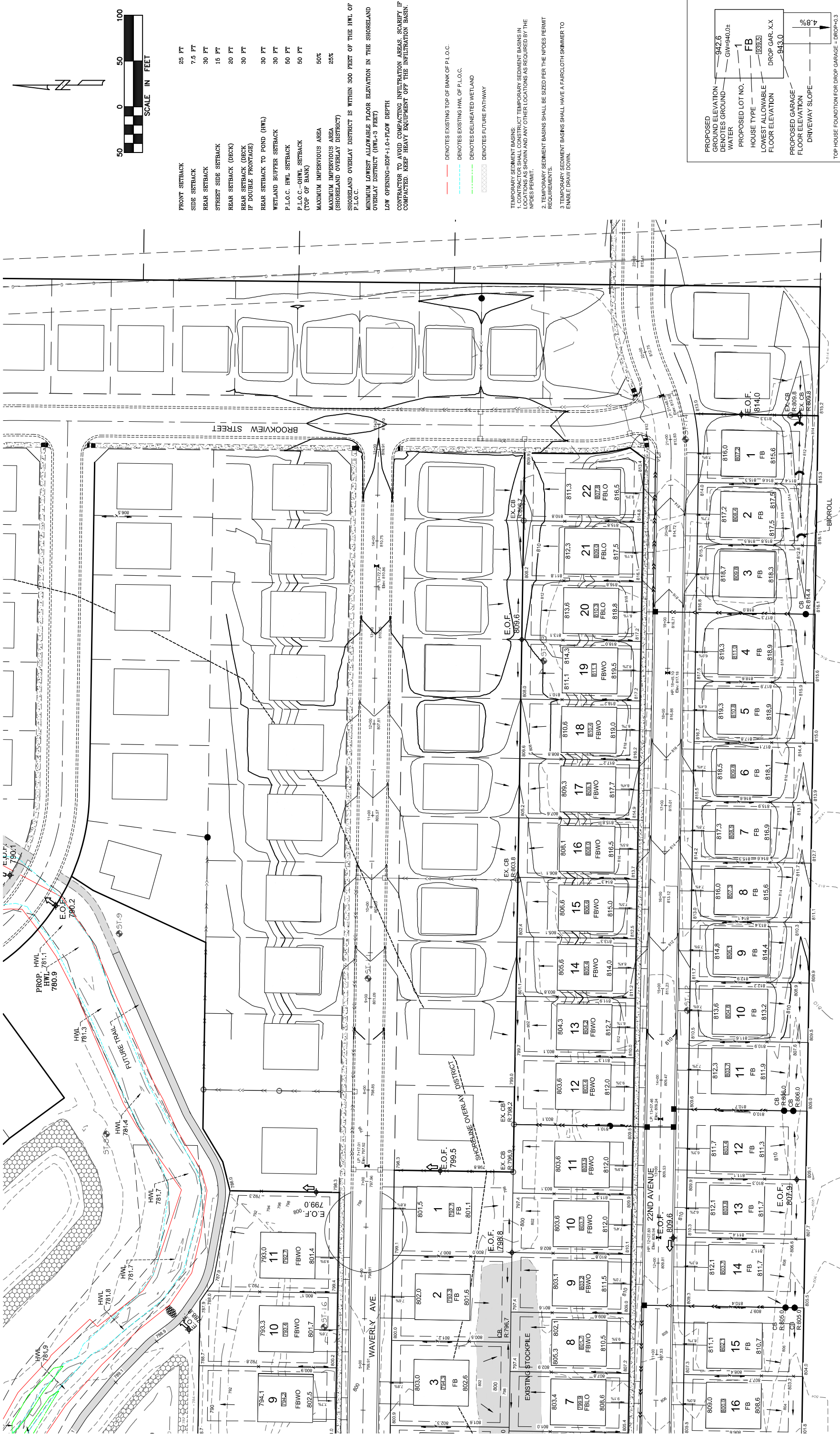
CHECKED
DATE
2/10/2022
AS SHOWN
17817.01

PREPARED FOR:
KRB DEVELOPMENT VIII, LLC
17021 FISH POINT ROAD,
PRIOR LAKE, MN 55372

GRADING PLAN
WHISPERING WATERS SECOND ADDITION

SHEET 22 OF 57

MINNESOTA



- FRONT SETBACK 25 FT
- SIDE SETBACK 7.5 FT
- REAR SETBACK 30 FT
- STREET SIDE SETBACK 15 FT
- REAR SETBACK (DECK) 20 FT
- REAR SETBACK (DECK IF DOUBLE FRONTAGE) 30 FT
- REAR SETBACK TO POND (HWL) 30 FT
- WETLAND BUFFER SETBACK 30 FT
- P.L.O.C. HWL SETBACK 50 FT
- P.L.O.C.-OHWL SETBACK (TOP OF BANK) 50 FT
- MAXIMUM IMPERVIOUS AREA 50%
- MAXIMUM IMPERVIOUS AREA (SHORELAND OVERLAY DISTRICT) 25%

SHORELAND OVERLAY DISTRICT IS WITHIN 300 FEET OF THE HWL OF P.L.O.C.

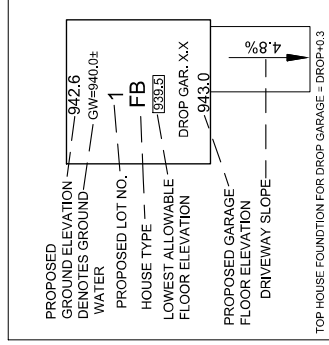
MINIMUM LOWEST ALLOWABLE FLOOR ELEVATION IN THE SHORELAND OVERLAY DISTRICT (HWL+3 FEET)

LOW OPENING=FOF+1.0-FLW DEPTH

CONTRACTOR TO AVOID COMPACTING INFILTRATION AREAS. SCARIFY IF COMPACTED. KEEP HEAVY EQUIPMENT OFF THE INFILTRATION BASIN.

- DENOTES EXISTING TOP OF BANK OF P.L.O.C.
- DENOTES EXISTING HWL OF P.L.O.C.
- DENOTES DELINEATED WETLAND
- DENOTES FUTURE PATHWAY

TEMPORARY SEDIMENT BASINS:
1. CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS IN LOCATIONS AS SHOWN AND ANY OTHER LOCATIONS AS REQUIRED BY THE NPDES PERMIT.
2. TEMPORARY SEDIMENT BASINS SHALL BE SIZED PER THE NPDES PERMIT REQUIREMENTS.
3. TEMPORARY SEDIMENT BASINS SHALL HAVE A FAIRCLOTH SUMMER TO ENABLE DRAIN DOWN.



PROBE ENGINEERING COMPANY, INC.

CONSULTING ENGINEERS, PLANNERS and LAND SURVEYORS

1000 EAST 146TH STREET, BURNSVILLE, MINNESOTA 55337 PH (952)432-3000

DATE: 2/10/2022 REG. NO. 46365

DESIGNED: [] CHECKED: []

DRAWN: [] DATE: 2/10/2022

SCALE: [] AS SHOWN

JOB NO. 17817.01

PREPARED FOR: KRB DEVELOPMENT VIII, LLC

17021 FISH POINT ROAD, PRIOR LAKE, MN 55372

GRADING PLAN

WHISPERING WATERS SECOND ADDITION

SHAKOPEE, MINNESOTA

SHEET 21 OF 57

REV.