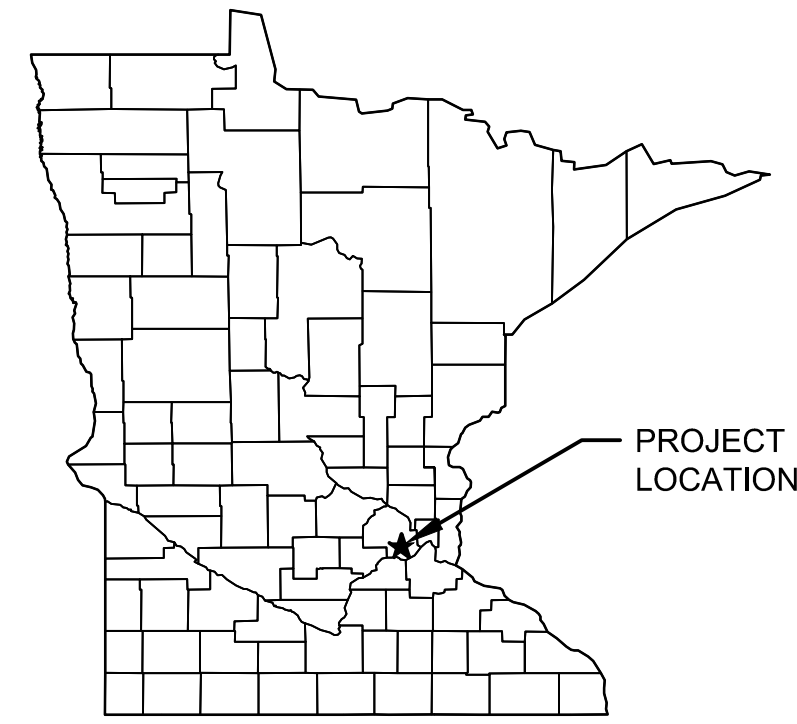


YORK AVENUE POND IMPROVEMENTS

CITY OF EDINA

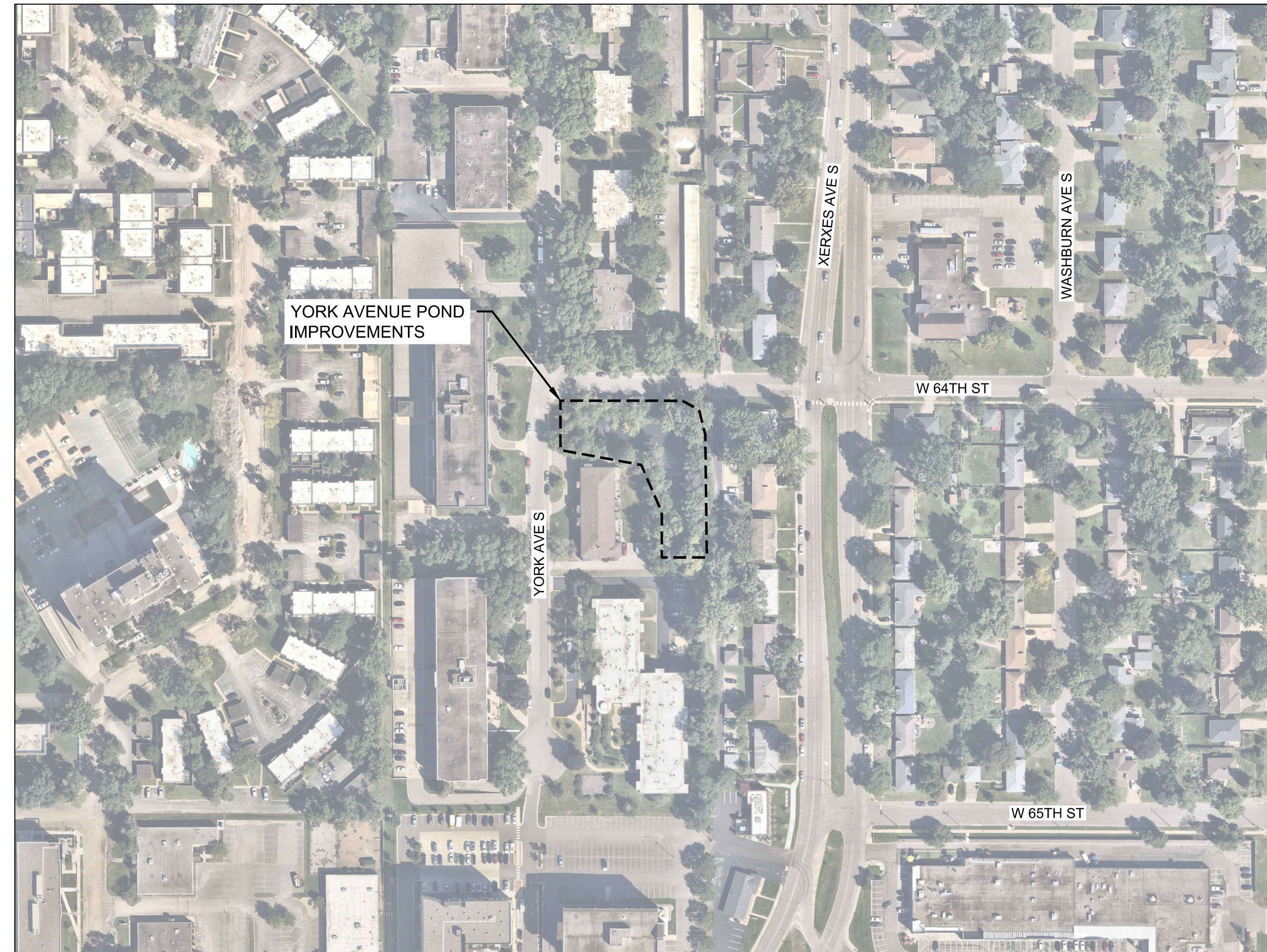
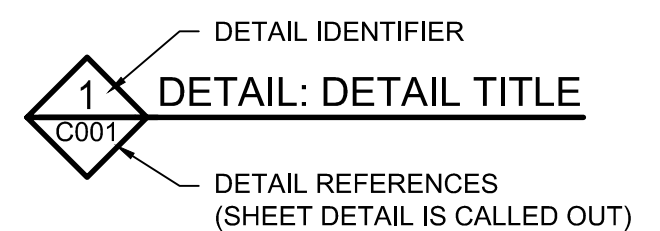
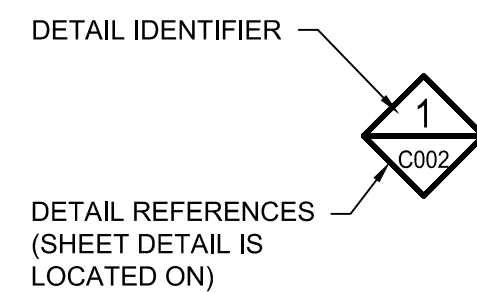
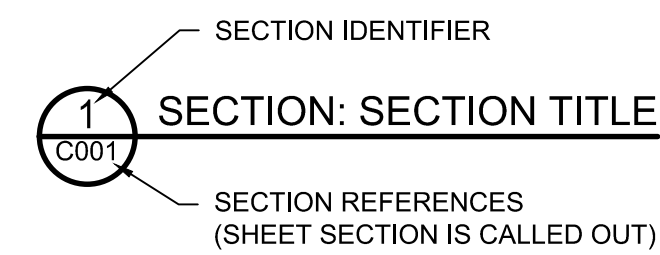
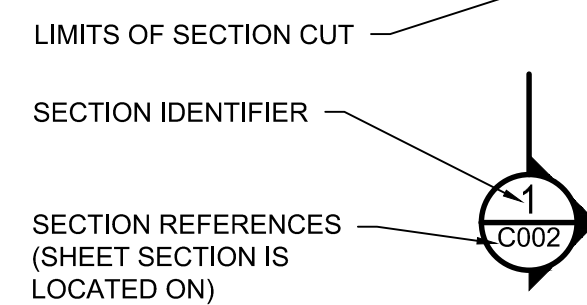
EDINA, MN

CITY IMPROVEMENT NO. STS-477, CITY PROJECT NO. ENG 26-4



LOCATION MAP
NOT TO SCALE

REFERENCING



VICINITY MAP
NOT TO SCALE

SHEET	TITLE
G001	COVER SHEET, PROJECT LOCATION, AND SHEET INDEX
C001	EXISTING CONDITIONS PLAN
C002	STAGING, REMOVALS AND EROSION AND SEDIMENT CONTROL PLAN
C003	TREE REMOVAL PLAN
C004	PROPOSED SITE PLAN
C005	ENLARGED PROPOSED SITE PLAN
C006	GRADING PLAN
C007	GRADING SECTIONS
C008	LIFT STATION PLAN AND SECTION
C009	INTAKE PIPE AND SECTION AND DETAILS
C010	PROPOSED PIPING PROFILE
C011	TYPICAL CITY DETAILS
C012	EROSION AND SEDIMENT CONTROL DETAILS
L001	LANDSCAPE RESTORATION PLAN
L002	RESTORATION DETAILS
S001	STRUCTURAL SLAB PLAN AND DETAILS
E001	ELECTRICAL SYMBOLS & ABBREVIATIONS
E002	ELECTRICAL LIFT STATION SITE PLAN
E003	ELECTRICAL SCHEMATICS
E004	ELECTRICAL SCHEMATICS

ABBREVIATIONS AND SYMBOLS

APPROX	APPROXIMATE
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS
CONC	CONCRETE
CY	CUBIC YARD
DBH	DIAMETER AT BREST HEIGHT
DIP	DUCTILE IRON PIPE
EL	ELEVATION
FES	FLARED END SECTION
HDPE	HIGH DENSITY POLYETHYLENE
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
MAX	MAXIMUM
MIN	MINIMUM
MN	MINNESOTA
NAD	NORTH AMERICAN DATUM
NGVD	NATIONAL GEODETIC VERTICAL DATUM
OC	ON CENTER
OHWL	ORDINARY HIGH WATER LEVEL
RCP	REINFORCED CONCRETE PIPE
ROW	RIGHT-OF-WAY
TBD	TO BE DETERMINED
TYP	TYPICAL
@	AT
Ø	DIAMETER

NOTES:

- COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES, PERMITS, AND REGULATIONS.
- VERIFY ALL QUANTITIES, GRADES, AND DIMENSIONS.
- TOPOGRAPHIC INFORMATION BASED ON 2022 LIDAR TOPOGRAPHY AND SITE SURVEY PROVIDED BY THE CITY OF EDINA AND BARR ENGINEERING, 2024.
- FIELD-LOCATE ALL SITE UTILITIES (PRIVATE AND PUBLIC) PRIOR TO STARTING THE WORK. ALL UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF UTILITY OWNER AT CONTRACTOR'S COST.
- IMAGERY PROVIDED BY NEARMAP AND HENNEPIN COUNTY, MINNESOTA, 2024, COPYRIGHT.



ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 7:44 PM
CADD USER: JACK A. METLACH FILE: \\EDINA\DESIGN\2027\13500_C001.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
SIGNATURE: Bryan Pittlerle
DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

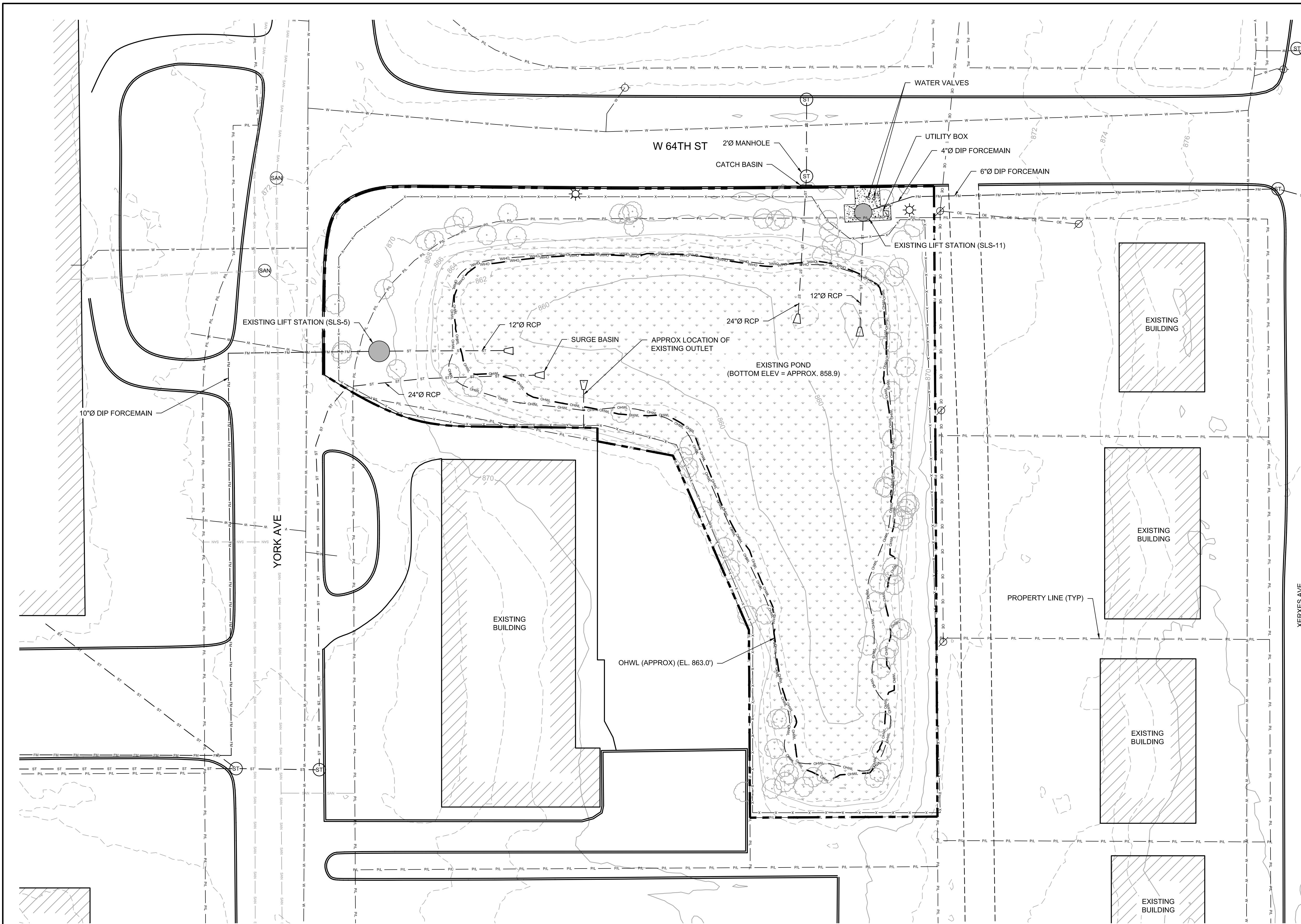
BARR
BARR ENGINEERING CO. PH: 1-800-632-2277
4300 MARKETPOINTE DRIVE WWW.BARR.COM
SUITE 200 MINNESOTA ENGINEERING FIRM
MINNEAPOLIS, MN 55435 NUMBER 1010411545

CITY OF EDINA
EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
EDINA, MN
COVER SHEET, PROJECT LOCATION,
AND SHEET INDEX

BARR PROJECT #	2327213500
DWG #	G001
REV #	0



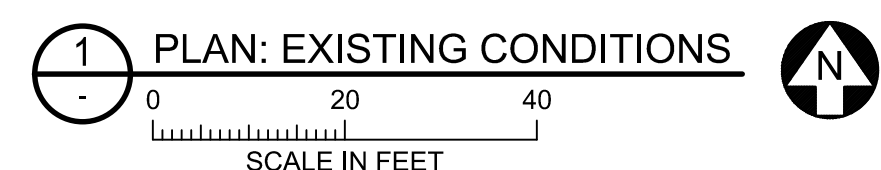
PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

LEGEND:

- 860 — EXISTING MAJOR CONTOUR
- 858 — EXISTING MINOR CONTOUR
- - - - - PROPERTY LINE
- - - - - EXISTING FENCE
- - - - - EXISTING ORDINARY HIGH WATER LEVEL (EL. 863.0')
- - - - - EXISTING STORM GRAVITY SEWER
- - - - - EXISTING SANITARY SEWER
- - - - - EXISTING STORM FORCEMAIN
- - - - - EXISTING WATER LINE
- - - - - EXISTING OVERHEAD ELECTRIC
- - - - - EXISTING EDGE OF ROAD
- - - - - EXISTING CURB AND GUTTER
- ☀ EXISTING LIGHT POLE
- ⊕ EXISTING POWER POLE
- ⊙ EXISTING HYDRANT
- SAN EXISTING SANITARY MANHOLE
- ST EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING LIFT STATION
- ▨ EXISTING FIELD DELINEATED WETLAND
- ▨ EXISTING BUILDING
- ▨ EXISTING CONCRETE
- - - - - PROPOSED CONSTRUCTION LIMITS

- NOTES:**
1. THE CIVIL NOTES ON THIS SHEET SHALL BE APPLICABLE TO ALL CIVIL SHEETS WITHIN THIS SET OF DRAWINGS.
 2. COMPLY WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL CODES, PERMITS, AND REGULATIONS.
 3. VERIFY ALL QUANTITIES, GRADES, AND DIMENSIONS.
 4. ALL UTILITIES SHOWN ARE CONSIDERED LEVEL D, UNLESS OTHERWISE NOTED, IN ACCORDANCE WITH ASCE STANDARD C1ASCE38-02.
 5. FIELD-LOCATE ALL SITE UTILITIES (PRIVATE AND PUBLIC) PRIOR TO STARTING THE WORK. ALL UTILITIES SHOWN ON THE PLANS ARE CONSIDERED APPROXIMATE. ANY UTILITIES DAMAGED BY CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF UTILITY OWNER AT CONTRACTOR'S COST.
 6. EXISTING UNDERGROUND ELECTRIC UTILITY CABLE SHALL REMAIN IN SERVICE DURING CONSTRUCTION UNLESS OTHERWISE NOTED. PROTECT AND SUPPORT EXISTING AND PROPOSED CABLES AS NEEDED TO KEEP IN SERVICE. NOTIFY ELECTRIC UTILITY AND COORDINATE ALL DIGGING NEAR UTILITY LINES.
 7. ALL TEMPORARY EROSION CONTROL FEATURES SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. SEE SHEET C002 FOR DETAILS.
 8. LOCATION OF CONTRACTOR STAGING/STORAGE IS SHOWN ON SHEET C002.
 9. ALL CONSTRUCTION ACTIVITY MUST BE KEPT WITHIN CONSTRUCTION LIMITS. UNLESS PRE-APPROVED BY OWNER, DO NOT BLOCK ACCESS TO SITE WITHOUT COORDINATING WITH OWNER.

SEQUENCE AND REFERENCE		
SEQUENCE	DESCRIPTION	SHEET REFERENCE
1	INSTALL EROSION AND SEDIMENT CONTROL BMPs AND VIBRATION MONITORING	C002, SECTION 5.16 OF GENERAL CONTRACT CONDITIONS
2	SITE PREPARATION, INLET DEMOLITION, AND TREE REMOVAL	C002, C003
3	POND BOTTOM SEDIMENT REMOVAL AND GRADING	C006, C007
4	RECONSTRUCTION OF POND INLET PIPES	C004, C005, C011
5	SETUP AND OPERATE TEMPORARY DEWATERING SYSTEM	C002
6	ABANDON SLS-5 AND REMOVE SLS-11	C002
7	INSTALLATION OF NEW LIFT STATION, INTAKE FORCEMAIN, AND ASSOCIATED INFRASTRUCTURE	C004, C005, C008, C009, C010, C011, E002
8	SITE RESTORATION AND LANDSCAPING	L001, L002



1 PLAN: EXISTING CONDITIONS

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 11:57 AM
 CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_C001.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
 PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan Pittlerle*
 DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
 BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435
 PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA
 CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 EXISTING CONDITIONS
 PLAN

BARR PROJECT #

2327213500

DWG #

C001

REV #

0

PROJECT DATUM:

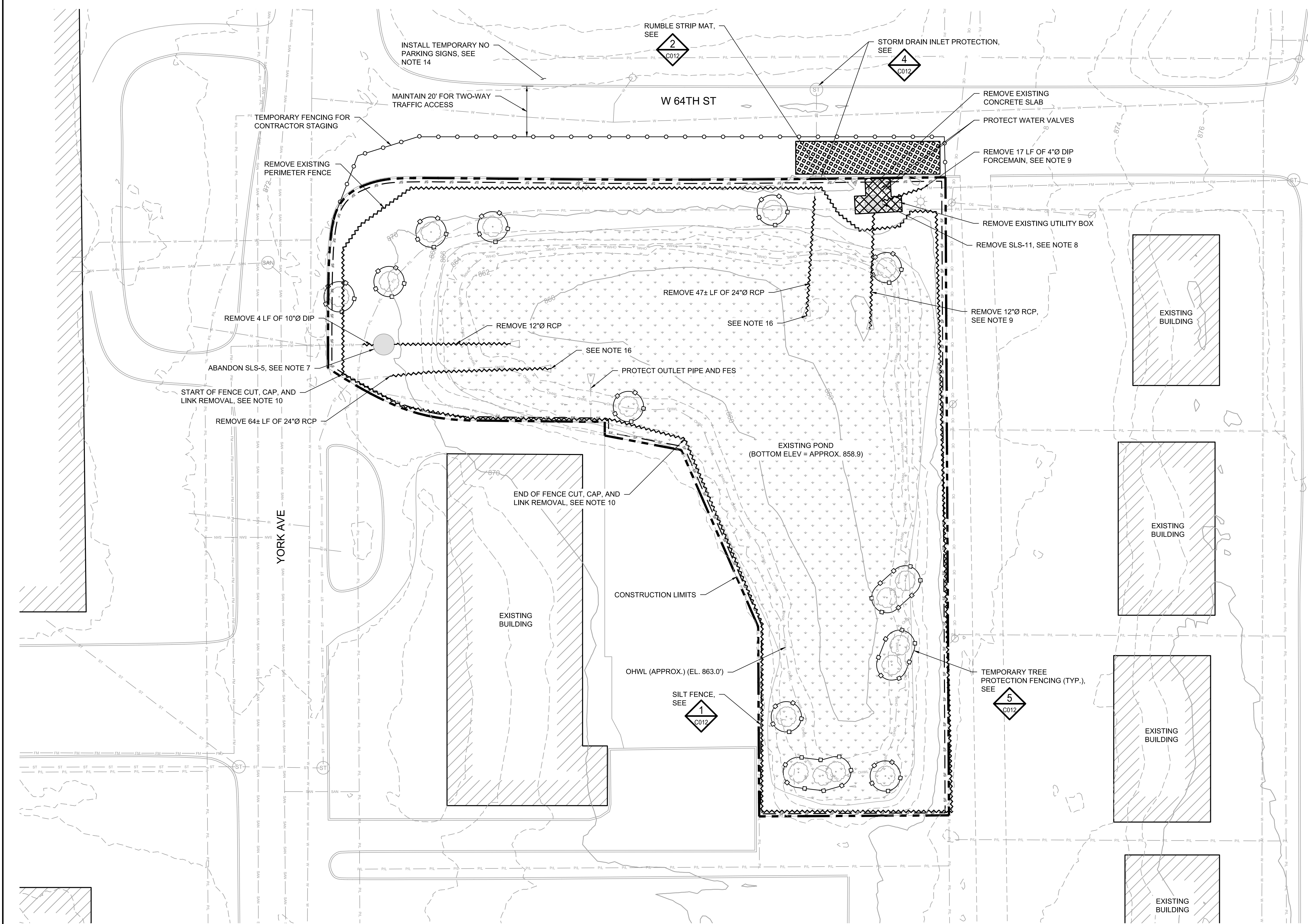
HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

LEGEND:

- 860 EXISTING MAJOR CONTOUR
- 858 EXISTING MINOR CONTOUR
- PROPERTY LINE
- EXISTING FENCE
- EXISTING ORDINARY HIGH WATER LEVEL (EL. 863.0')
- EXISTING STORM GRAVITY SEWER
- EXISTING SANITARY SEWER
- EXISTING STORM FORCEMAIN
- EXISTING WATER LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING EDGE OF ROAD
- EXISTING CURB AND GUTTER
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING LIFT STATION
- EXISTING FIELD DELINEATED WETLAND
- EXISTING BUILDING
- PROPOSED CONSTRUCTION LIMITS
- REMOVALS
- DEMOLITION
- PROPOSED SILT FENCE
- TEMPORARY CONSTRUCTION ENTRANCE
- TEMPORARY TREE PROTECTION FENCE
- TEMPORARY CONTRACTOR STAGING FENCE

NOTES:

1. CONFIRM LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. NOTIFY OWNER OF ANY DISCREPANCIES. PRIVATE IRRIGATION AND/OR INVISIBLE PET FENCES NOT SHOWN.
2. UTILITY LOCATIONS ARE APPROXIMATE. ALL UTILITIES IN THE PROJECT AREA SHOULD BE MARKED AND POTHOLED PRIOR TO EXCAVATION.
3. UTILITY RELOCATIONS TO BE COORDINATED BY OWNER PRIOR TO CONSTRUCTION.
4. PROTECT ALL EXISTING PAVEMENT, PIPING, EQUIPMENT, UTILITIES, AND STRUCTURES NOT INTENDED FOR DEMOLITION. REPAIR OR REPLACE AT NO ADDITIONAL COST TO OWNER.
5. SEE C003 FOR TREE REMOVAL. PROTECT TREES NOT INDICATED TO BE REMOVED.
6. ALL CONSTRUCTION ACCESS, PHASING, AND STAGING TO BE COORDINATED WITH OWNER. SUBMIT A DETAILED SCHEDULE DEFINING WORK SEQUENCING AND DURATION FOR APPROVAL.
7. DEMO ALL PIPING AND EQUIPMENT WITHIN THE EXISTING LIFT STATIONS. DEMO EXISTING LIFT STATION TO 4' BELOW GRADE AND PERFORATE BOTTOM OF LIFT STATION WITH SIX 6" HOLES. FOLLOWING DEMOLITION, BRING THE SURFACE BACK TO EXISTING GRADE WITH COMMON FILL.
8. DEMO LIFT STATION, INCLUDING ALL PIPING AND EQUIPMENT WITHIN. DEMOLITION EXTENTS SHALL BE SUFFICIENT TO INSTALL NEW LIFT STATION AFTER DEMOLITION IS COMPLETE. SUBMIT PLAN FOR DEWATERING AND PUMPING TO ENGINEER FOR APPROVAL. MAX. ALLOWABLE PUMPING RATE OF 2,000 GPM THROUGH SLS-5 PIPING AND 1,000 GPM THROUGH SLS-11 PIPING.
9. PIPING THAT IS UNABLE TO BE REMOVED DUE TO INSTALLATION OF THE NEW LIFT STATION SHALL BE ABANDONED IN PLACE.
10. FOR FENCING NORTH OF EXISTING BUILDINGS, CUT FENCE POST AT GRADE AND CAP FLUSH TO GRADE. REMOVE CHAIN LINK FENCING.
11. CITY TO COORDINATE OPERATION OF ALL VALVES.
12. INSTALL SEDIMENT CONTROL LOG AROUND PERIMETER OF ALL STOCKPILED MATERIAL. SEE DETAIL 3 ON SHEET C012.
13. CONCRETE WASHOUT TO OCCUR AT THE BATCH PLANT.
14. ALL TEMPORARY TRAFFIC AND PEDESTRIAN CONTROLS SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION. COORDINATE WITH THE CITY OF EDINA ON THE LOCATION AND STYLE OF NO PARKING SIGNS.
15. INSTALL VIBRATION MONITORING PROGRAM (MINIMUM 3 SEISMOGRAPHS) PRIOR TO CONSTRUCTION PER SECTION 5.16 OF THE GENERAL CONTRACT CONDITIONS. CONFIRM SEISMOGRAPH LOCATIONS WITH OWNER.
16. SURVEY INVERT ELEVATIONS OF EXISTING 24" RCP PRIOR TO REMOVAL.



1 PLAN: REMOVALS AND EROSION AND SEDIMENT CONTROL

0 20 40
SCALE IN FEET

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 11:04 AM
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PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: Bryan Pittlerle
 DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR

BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

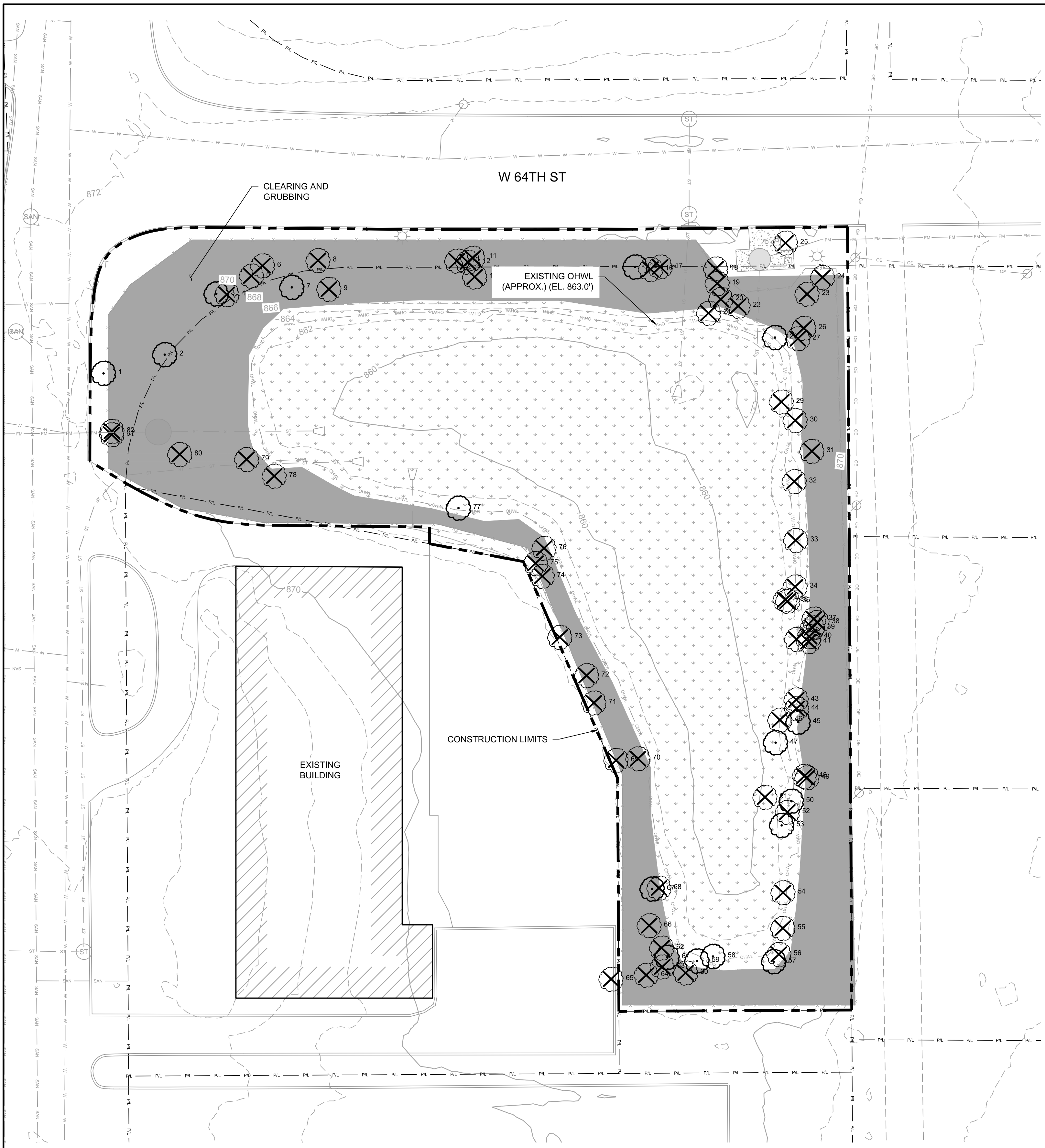
CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 REMOVALS AND EROSION AND SEDIMENT CONTROL
 PLAN

BARR PROJECT #	2327213500
DWG #	C002
REV #	0

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 11:04 AM
 CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_C003.DWG



1 PLAN: TREE REMOVALS AND CLEARING AND GRUBBING
 SCALE IN FEET

EXISTING TREE INVENTORY

ID	Common Name	Scientific Name	DBH	Action
1	White cedar	Thuja occidentalis	16.30	Preserve
2	White cedar	Thuja occidentalis	12.90	Preserve
3	Black Willow	Salix nigra	20.00	Preserve
4	Mulberry	Morus alba	10.80	Remove
5	Flowering Crabapple	Malus sp.	14.00	Remove
6	Green Ash	Fraxinus pennsylvanica	6.00	Remove
7	Silver maple	Acer saccharinum	7.00	Preserve
8	Buckthorn	Rhamnus cathartica	8.00	Remove
9	Ash	Fraxinus pennsylvanica	8.00	Remove
10	Mulberry	Morus alba	9.00	Remove
11	Ash	Fraxinus pennsylvanica	8.00	Remove
12	Mulberry	Morus alba	13.00	Remove
13	Silver Maple	Acer saccharinum	13.00	Remove
15	Silver Maple	Acer saccharinum	11.20	Preserve
16	Silver Maple	Acer saccharinum	6.00	Remove
17	Silver Maple	Acer saccharinum	25.40	Remove
18	Ash	Fraxinus pennsylvanica	16.00	Remove
19	Flowering Crabapple	Malus sp.	9.00	Remove
20	Silver Maple	Acer saccharinum	6.00	Remove
21	Silver Maple	Acer saccharinum	13.00	Remove
22	Silver Maple	Acer saccharinum	26.00	Remove
23	Mulberry	Morus alba	10.00	Remove
24	Mulberry	Morus alba	16.00	Remove
25	White Cedar	Thuja occidentalis	5.00	Remove
26	Mulberry	Morus alba	6.00	Remove
27	Green Ash	Fraxinus pennsylvanica	8.00	Remove
28	Silver Maple	Acer saccharinum	18.00	Preserve
29	Green Ash	Fraxinus pennsylvanica	9.00	Remove
30	Mulberry	Morus alba	8.00	Remove
31	Mulberry	Morus alba	8.00	Remove
32	American Elm	Ulmus americana	10.00	Remove
33	Silver Maple	Acer saccharinum	17.60	Remove
34	American Elm	Ulmus americana	8.00	Remove
35	American Elm	Ulmus americana	11.00	Remove
36	Green Ash	Fraxinus pennsylvanica	9.00	Remove
37	Green Ash	Fraxinus pennsylvanica	13.00	Remove
38	Mulberry	Morus alba	10.00	Remove
39	American Elm	Ulmus americana	8.00	Remove
40	Green Ash	Fraxinus pennsylvanica	8.00	Remove
41	Green Ash	Fraxinus pennsylvanica	8.00	Remove
42	Green Ash	Fraxinus pennsylvanica	9.00	Remove
43	American Elm	Ulmus americana	7.00	Remove
44	Mulberry	Morus alba	24.00	Remove
45	Silver Maple	Acer saccharinum	12.00	Preserve
46	Green Ash	Fraxinus pennsylvanica	12.00	Remove
47	Silver Maple	Acer saccharinum	17.00	Preserve
48	Silver Maple	Acer saccharinum	9.00	Remove
49	American Elm	Ulmus americana	8.00	Remove
50	Silver Maple	Acer saccharinum	15.00	Preserve
51	Silver Maple	Acer saccharinum	11.70	Remove
52	Silver Maple	Acer saccharinum	9.00	Remove
53	Silver Maple	Acer saccharinum	15.00	Preserve
54	Mulberry	Morus alba	8.00	Remove
55	Mulberry	Morus alba	8.00	Remove
56	Mulberry	Morus alba	8.00	Remove
57	Silver Maple	Acer saccharinum	30.00	Preserve
58	Black Locust	Robinia pseudoacacia	15.00	Preserve
59	Black Locust	Robinia pseudoacacia	13.00	Preserve
60	Green Ash	Fraxinus pennsylvanica	8.00	Remove
61	Black Locust	Robinia pseudoacacia	9.00	Preserve
62	Mulberry	Morus alba	13.00	Remove
63	Mulberry	Morus alba	8.00	Remove
64	Mulberry	Morus alba	8.00	Remove
65	Mulberry	Morus alba	19.80	Remove
66	Black Willow	Salix nigra	31.20	Remove
67	Silver Maple	Acer saccharinum	20.00	Preserve
68	American Elm	Ulmus americana	7.00	Remove

PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

LEGEND:

- 860 EXISTING MAJOR CONTOUR
- 858 EXISTING MINOR CONTOUR
- PL PROPERTY LINE
- EXISTING FENCE
- EXISTING ORDINARY HIGH WATER MARK (EL. 863.0')
- EXISTING STORM GRAVITY SEWER
- EXISTING SANITARY SEWER
- EXISTING STORM FORCEMAIN
- EXISTING WATER LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING EDGE OF ROAD
- EXISTING CURB AND GUTTER
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING LIFT STATION
- EXISTING FIELD DELINEATED WETLAND
- EXISTING BUILDING
- PROPOSED CONSTRUCTION LIMITS
- EXISTING ORDINARY HIGH WATER LEVEL
- EXISTING TREE TO BE PROTECTED
- EXISTING TREE SUGGESTED REMOVAL
- CLEARING AND GRUBBING

- NOTES:
- PROTECT ALL TREES NOT SCHEDULED FOR REMOVAL
 - TREES MARKED FOR REMOVAL TO BE CUT AT GROUND SURFACE GRADE AND WILL HAVE ROOTS GROUND DOWN OR REMOVED
 - BURNING IS NOT ALLOWED ONSITE

69	Mulberry	Morus alba	13.00	Remove
70	American Elm	Ulmus americana	8.00	Remove
71	Mulberry	Morus alba	8.00	Remove
72	Colorado Blue Spruce	Picea pungens	10.00	Remove
73	Mulberry	Morus alba	12.80	Remove
74	Mulberry	Morus alba	9.00	Remove
75	Mulberry	Morus alba	11.00	Remove
76	Silver Maple	Acer saccharinum	29.20	Remove
77	Little-leaf Linden	Tilia cordata	17.00	Preserve
78	Little-leaf Linden	Tilia cordata	13.50	Remove
79	Little-leaf Linden	Tilia cordata	17.00	Remove
80	Mulberry	Morus alba	18.50	Remove
81	Buckthorn	Rhamnus cathartica	12.00	Remove
82	Mulberry	Morus alba	17.20	Remove

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan Pittlerle*
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#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	DRM3	MDB3	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
 BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 TREE REMOVALS PLAN

BARR PROJECT #
 2327213500

DWG #
 C003

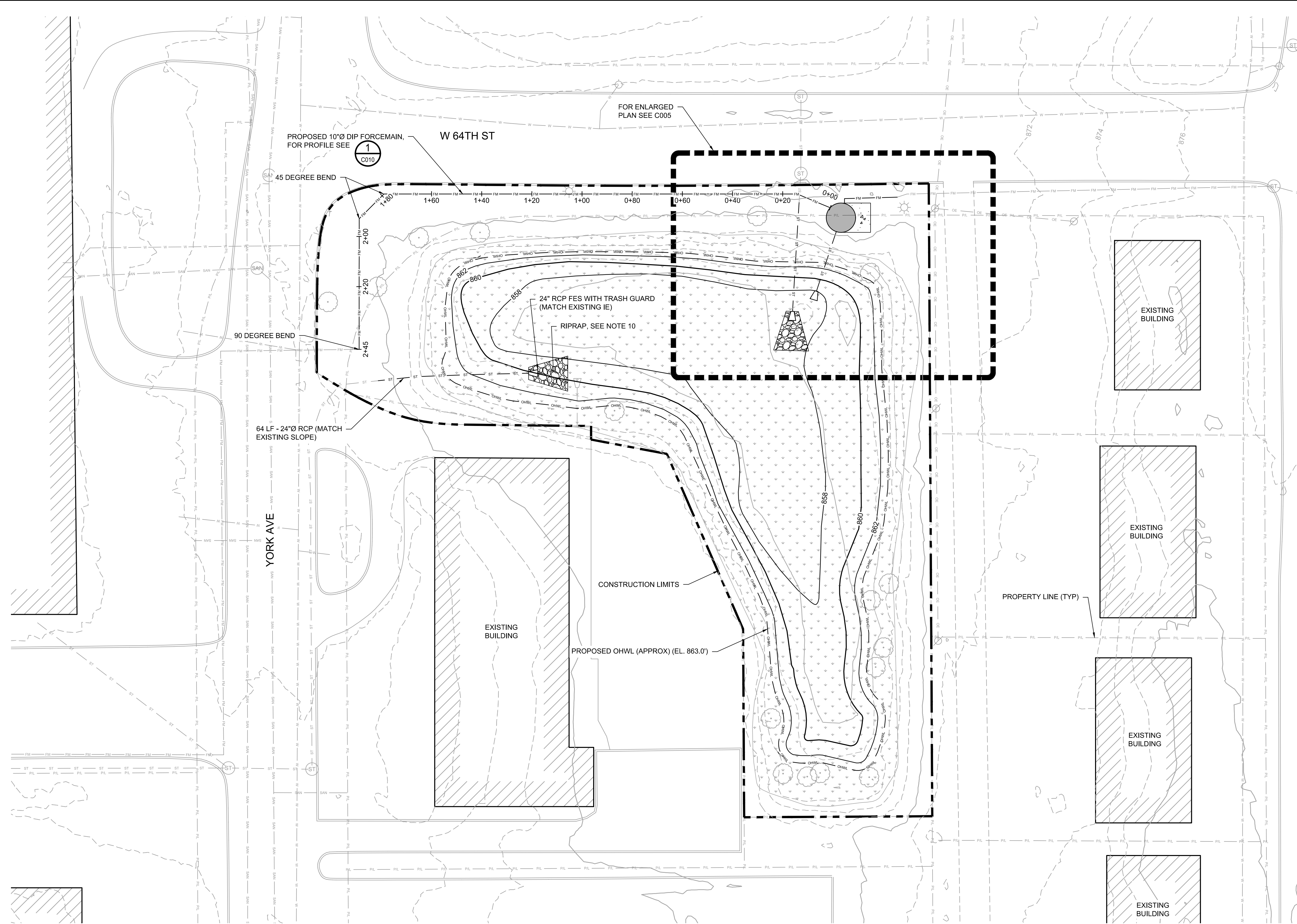
REV #
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PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

LEGEND:

- 860 — EXISTING MAJOR CONTOUR
- 858 --- EXISTING MINOR CONTOUR
- - - - - PROPERTY LINE
- ST - ST - ST - EXISTING STORM GRAVITY SEWER
- SAN - SAN - SAN - EXISTING SANITARY SEWER
- FM - FM - FM - EXISTING STORM FORCEMAIN
- W - W - W - EXISTING WATER LINE
- OE - OE - OE - EXISTING OVERHEAD ELECTRIC
- ===== EXISTING EDGE OF ROAD
- ===== EXISTING CURB AND GUTTER
- ☀ EXISTING LIGHT POLE
- ⊗ EXISTING POWER POLE
- ⊙ EXISTING HYDRANT
- ⊙ EXISTING SANITARY MANHOLE
- ⊙ EXISTING STORM MANHOLE
- ⊙ EXISTING TREE
- ▨ EXISTING FIELD DELINEATED WETLAND
- ▨ EXISTING BUILDING
- PROPOSED CONSTRUCTION LIMITS
- 860 — PROPOSED MAJOR CONTOUR
- 858 --- PROPOSED MINOR CONTOUR
- 1+00 PROPOSED ALIGNMENT
- CHWL - CHWL - PROPOSED ORDINARY HIGH WATER LEVEL (EL. 863.0')
- ST - ST - ST - PROPOSED STORM GRAVITY SEWER
- FM - FM - FM - PROPOSED STORM FORCEMAIN
- PROPOSED LIFT STATION
- EXISTING LIFT STATION TO BE ABANDONED
- ▣ PROPOSED CONCRETE
- ▨ PROPOSED RIPRAP

- NOTES:
- CONTRACTOR IS RESPONSIBLE TO LOCATE AND FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO WORK.
 - ALL EXISTING ROADS, PARKING LOTS, TRAILS, FENCES, SIGNS, OR SIMILAR SHALL BE PROTECTED DURING CONSTRUCTION, EXCEPT WHERE SHOWN ON PLANS. CONTRACTOR RESPONSIBLE TO COORDINATE SURVEYS WITH THE CITY AND/OR OWNER TO DOCUMENT PRE-CONSTRUCTION EXISTING CONDITION ISSUES.
 - UTILITY RELOCATIONS TO BE COORDINATED BY CONTRACTOR PRIOR TO CONSTRUCTION.
 - COORDINATE WITH OWNER PRIOR TO ANY WORK AFFECTING THE EXISTING FORCEMAINS OR OTHER UTILITIES.
 - PROVIDE MINIMUM 10' HORIZONTAL SEPARATION (OUTSIDE TO OUTSIDE) BETWEEN TREATED/POTABLE WATERLINES AND OTHER UTILITIES.
 - MIN. BURY DEPTH OF 7.5' FOR FORCEMAINS.
 - WHEN FORCEMAIN MINIMUM BURY DEPTH CANNOT BE ACHIEVED, INSTALL PIPE INSULATION. MINIMUM BURY DEPTH OF 4.5' WITH PIPE INSULATION. INSULATION TO BE RIGID EXPANDED POLYSTYRENE INSULATION BOARD 2.5" MINIMUM TOTAL THICKNESS, MINIMUM 2 LAYERS WITH STAGGERED JOINTS, AND 8" MINIMUM WIDTH (4" ON EACH SIDE OF PIPE). BOTTOM OF INSULATION TO BE 6" ABOVE TOP OF PIPE.
 - FOR FORCEMAIN DETAILS, SEE CITY OF EDINA STANDARD PLATES 105, 120, 125, 380.
 - FOR RCP DETAILS, SEE CITY OF EDINA STANDARD PLATES 240 AND 380.
 - RIPRAP APRON TO BE INSTALLED PER EDINA STANDARD PLATE 240 AND MNDOT STANDARD PLATE 3133D. RIPRAP SHALL BE 18" THICK, MNDOT CLASS III.



1 PLAN: PROPOSED SITE
 SCALE IN FEET

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 8:25 PM
 CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_C004.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan D. Pittlerle*
 DATE: 02/13/2026 LICENSE #: 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR

BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 PROPOSED SITE
 PLAN

BARR PROJECT #	2327213500
DWG #	C004
REV #	0

PROJECT DATUM:

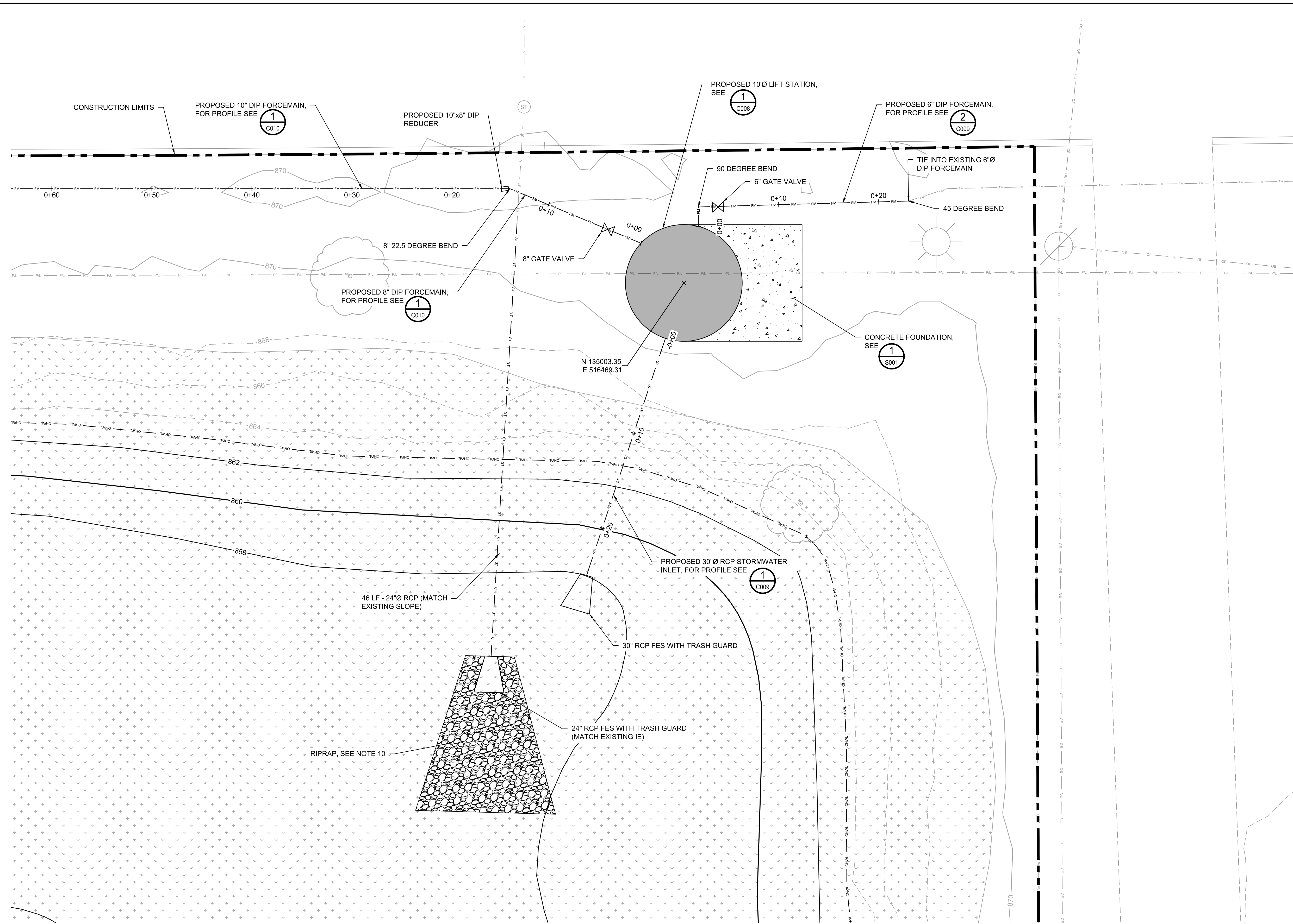
HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

LEGEND:

- 860 EXISTING MAJOR CONTOUR
- 858 EXISTING MINOR CONTOUR
- PROPERTY LINE
- EXISTING STORM GRAVITY SEWER
- EXISTING SANITARY SEWER
- EXISTING STORM FORCEMAIN
- EXISTING WATER LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING EDGE OF ROAD
- EXISTING CURB AND GUTTER
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING FIELD DELINEATED WETLAND
- PROPOSED CONSTRUCTION LIMITS
- 860 PROPOSED MAJOR CONTOUR
- 858 PROPOSED MINOR CONTOUR
- PROPOSED ALIGNMENT
- PROPOSED ORDINARY HIGH WATER LEVEL (EL. 863.0')
- PROPOSED STORM GRAVITY SEWER
- PROPOSED STORM FORCEMAIN
- PROPOSED LIFT STATION
- EXISTING LIFT STATION TO BE ABANDONED
- PROPOSED CONCRETE
- PROPOSED RIPRAP

NOTES:

1. CONTRACTOR IS RESPONSIBLE TO LOCATE AND FIELD VERIFY ALL EXISTING UTILITIES PRIOR TO WORK.
2. ALL EXISTING ROADS, PARKING LOTS, TRAILS, FENCES, SIGNS, OR SIMILAR SHALL BE PROTECTED DURING CONSTRUCTION, EXCEPT WHERE SHOWN ON PLANS. CONTRACTOR RESPONSIBLE TO COORDINATE SURVEYS WITH THE CITY AND/OR OWNER TO DOCUMENT PRE-CONSTRUCTION EXISTING CONDITION ISSUES.
3. UTILITY RELOCATIONS TO BE COORDINATED BY CONTRACTOR PRIOR TO CONSTRUCTION.
4. COORDINATE WITH OWNER PRIOR TO ANY WORK AFFECTING THE EXISTING FORCEMAINS OR OTHER UTILITIES.
5. PROVIDE MINIMUM 10' HORIZONTAL SEPARATION (OUTSIDE TO OUTSIDE) BETWEEN TREATED/POTABLE WATERLINES AND OTHER UTILITIES.
6. MIN. BURY DEPTH OF 7.5' FOR FORCEMAINS.
7. WHEN FORCEMAIN MINIMUM BURY DEPTH CANNOT BE ACHIEVED, INSTALL PIPE INSULATION. MINIMUM BURY DEPTH OF 4.5' WITH PIPE INSULATION. INSULATION TO BE RIGID EXPANDED POLYSTYRENE INSULATION BOARD 2.5" MINIMUM TOTAL THICKNESS, MINIMUM 2 LAYERS WITH STAGGERED JOINTS, AND 8" MINIMUM WIDTH (4" ON EACH SIDE OF PIPE). BOTTOM OF INSULATION TO BE 6" ABOVE TOP OF PIPE.
8. FOR FORCEMAIN DETAILS, SEE CITY OF EDINA STANDARD PLATES 105, 120, 125, 380.
9. FOR RCP DETAILS, SEE CITY OF EDINA STANDARD PLATES 240 AND 380.
10. RIPRAP APRON TO BE INSTALLED PER EDINA STANDARD PLATE 240 AND MNDOT STANDARD PLATE 3133D. RIPRAP SHALL BE 18" THICK, MNDOT CLASS III.



1 PLAN: ENLARGED PROPOSED SITE
 SCALE IN FEET

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 8:28 PM
 CADD USER: JACK A. METTLACH FILE: M:\DESIGN\2327213500_C005.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
 PRINTED NAME: **BRYAN D. PITTLERLE**
 SIGNATURE: *Bryan Pittlerle*
 DATE: **02/13/2026** LICENSE # **55568**

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
 BARR ENGINEERING CO. PH: 1-800-632-2277
 4300 MARKETPOINTE DRIVE WWW.BARR.COM
 SUITE 200 MINNESOTA ENGINEERING FIRM
 MINNEAPOLIS, MN 55435 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA
 CLIENT PROJECT # **ENG 26-4**

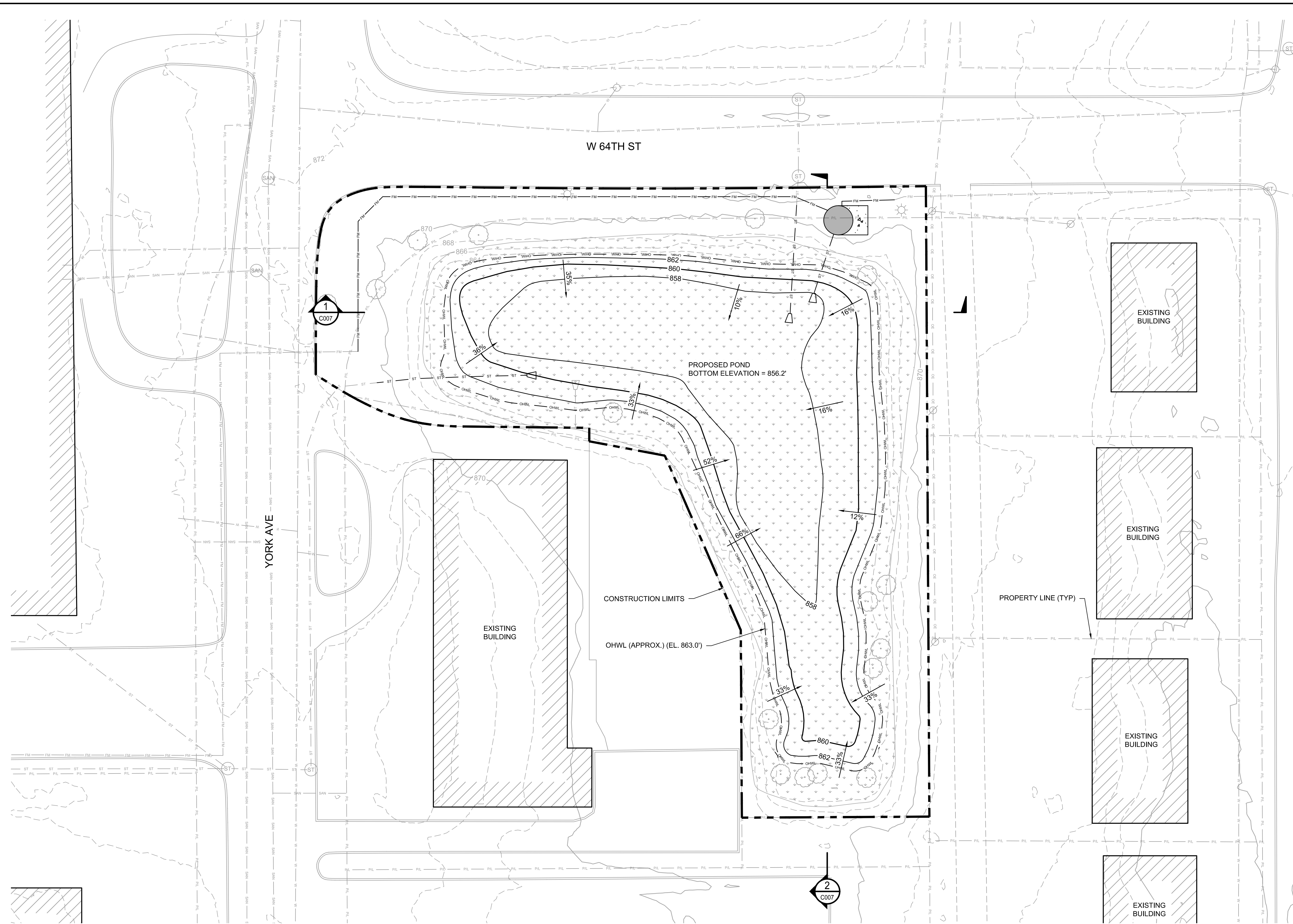
YORK AVE POND IMPROVEMENTS
 EDINA, MN
 ENLARGED PROPOSED SITE
 PLAN

BARR PROJECT #	2327213500
DWG #	C005
REV #	0

PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

- LEGEND:
- 860 EXISTING MAJOR CONTOUR
 - 858 EXISTING MINOR CONTOUR
 - PROPERTY LINE
 - EXISTING STORM GRAVITY SEWER
 - EXISTING SANITARY SEWER
 - EXISTING STORM FORCEMAIN
 - EXISTING WATER LINE
 - EXISTING OVERHEAD ELECTRIC
 - EXISTING EDGE OF ROAD
 - EXISTING CURB AND GUTTER
 - EXISTING LIGHT POLE
 - EXISTING POWER POLE
 - EXISTING HYDRANT
 - EXISTING SANITARY MANHOLE
 - EXISTING STORM MANHOLE
 - EXISTING TREE
 - EXISTING FIELD DELINEATED WETLAND
 - EXISTING BUILDING
 - PROPOSED CONSTRUCTION LIMITS
 - 860 PROPOSED MAJOR CONTOUR
 - 858 PROPOSED MINOR CONTOUR
 - PROPOSED ALIGNMENT
 - PROPOSED ORDINARY HIGH WATER LEVEL (EL. 863.0')
 - PROPOSED STORM GRAVITY SEWER
 - PROPOSED STORM FORCEMAIN
 - PROPOSED LIFT STATION
 - PROPOSED CONCRETE

- NOTES:
- RESTORE ALL AREAS ABOVE OHWL DISTURBED BY CONSTRUCTION TO EXISTING GRADE.
 - GRADE SITE SO THAT IT DRAINS AWAY FROM ALL BUILDINGS, PADS, PAVEMENTS, AND STRUCTURES.
 - EXCAVATE AT SAFE SLOPES IN ACCORDANCE WITH OSHA.



1 PLAN: GRADING
 0 20 40
 SCALE IN FEET

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 8:29 PM
 CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_C006.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan D. Pittlerle*
 DATE: 02/13/2026 LICENSE #: 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
 BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

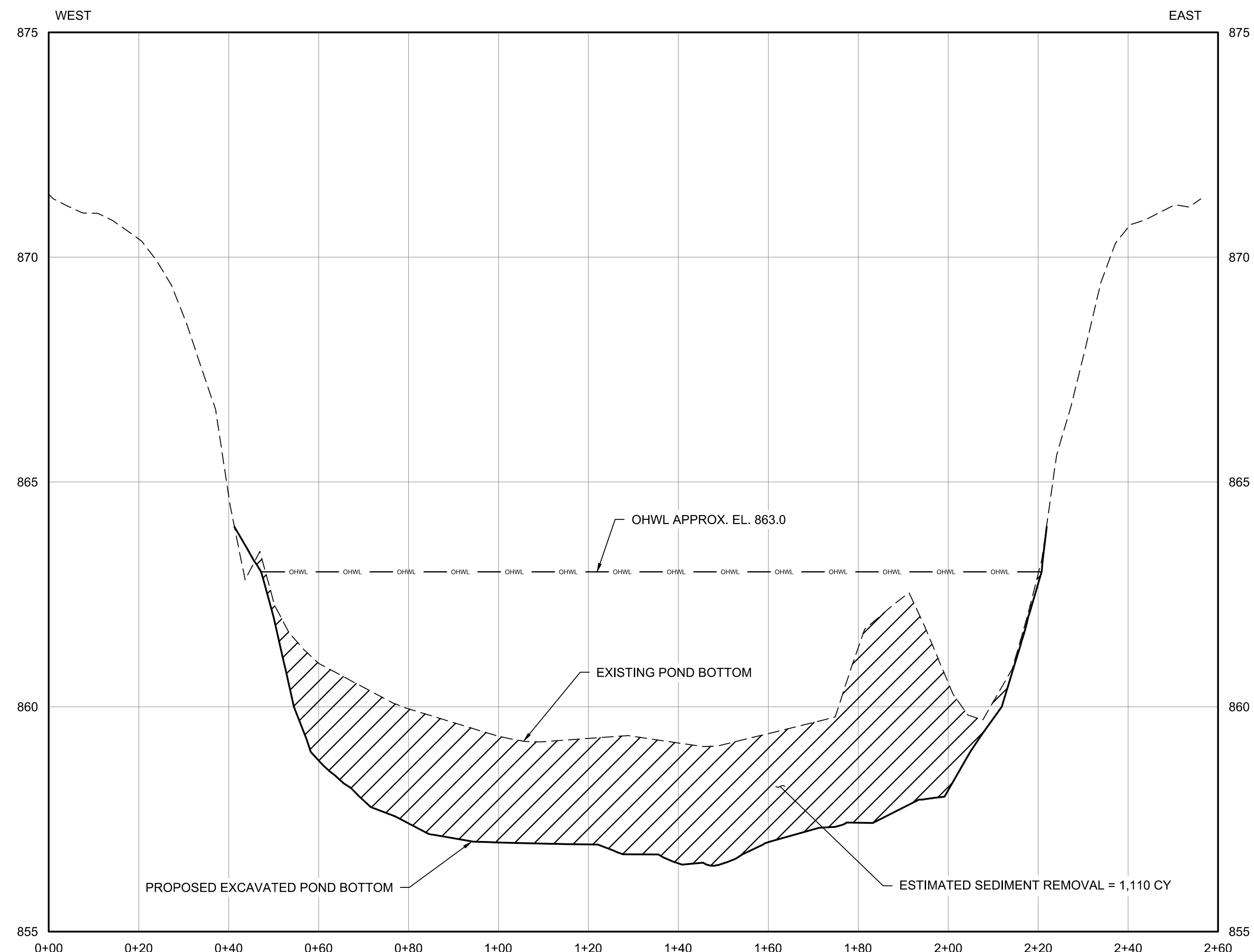
CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

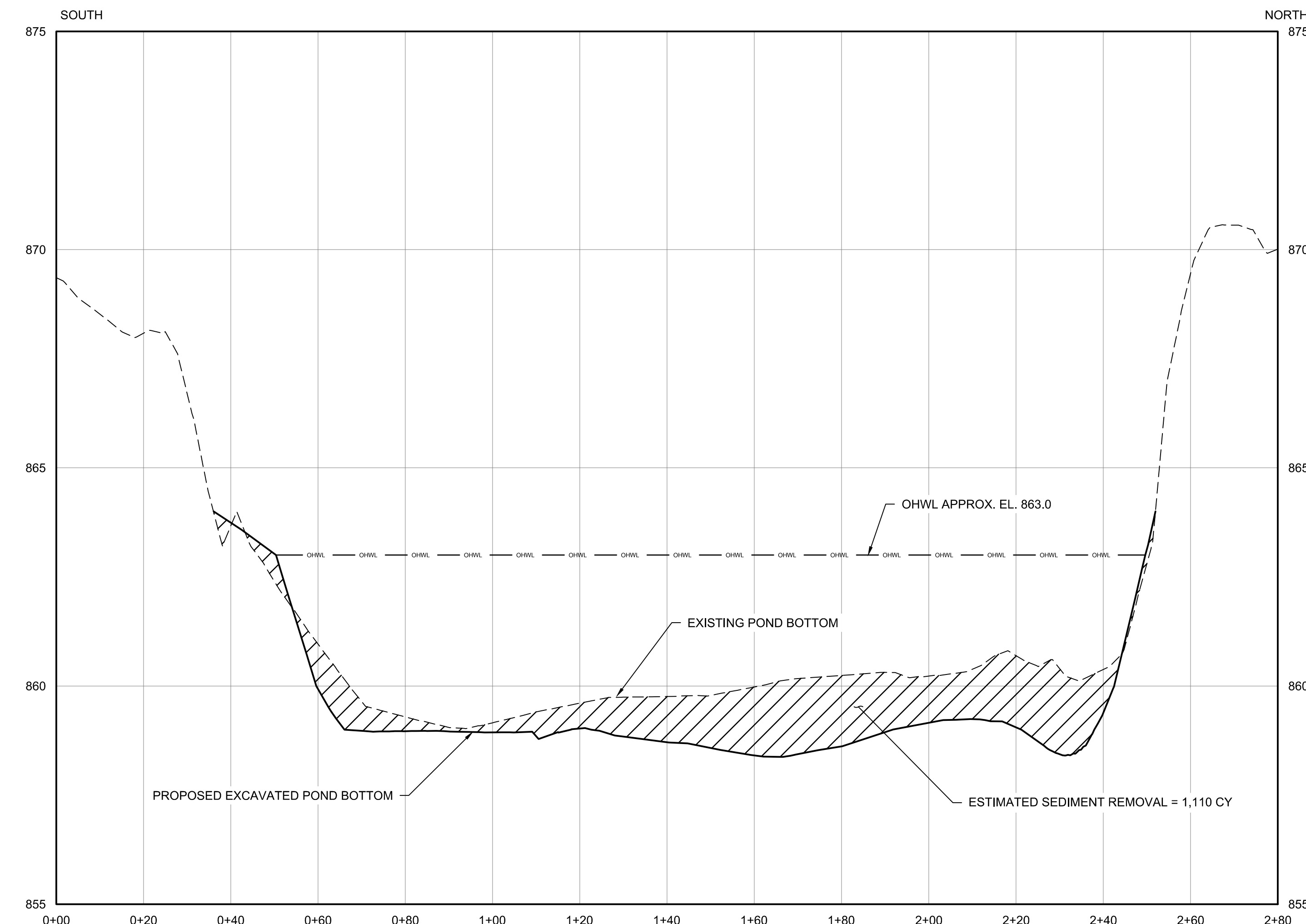
YORK AVE POND IMPROVEMENTS
 EDINA, MN
 GRADING PLAN

BARR PROJECT #	2327213500
DWG #	C006
REV #	0

PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29



1 SECTION: POND DREDGING WEST TO EAST
 0 20 40 0 1 2 3 4
 HORIZONTAL SCALE IN FEET VERTICAL SCALE IN FEET



2 SECTION: POND DREDGING SOUTH TO NORTH
 0 20 40 0 1 2 3 4
 HORIZONTAL SCALE IN FEET VERTICAL SCALE IN FEET

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 8:30 PM
 CAD USER: JACK A. METLACH FILE: W:\DESIGN\2327213500_CIVIL\2327213500_C007.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
 PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan Pittlerle*
 DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

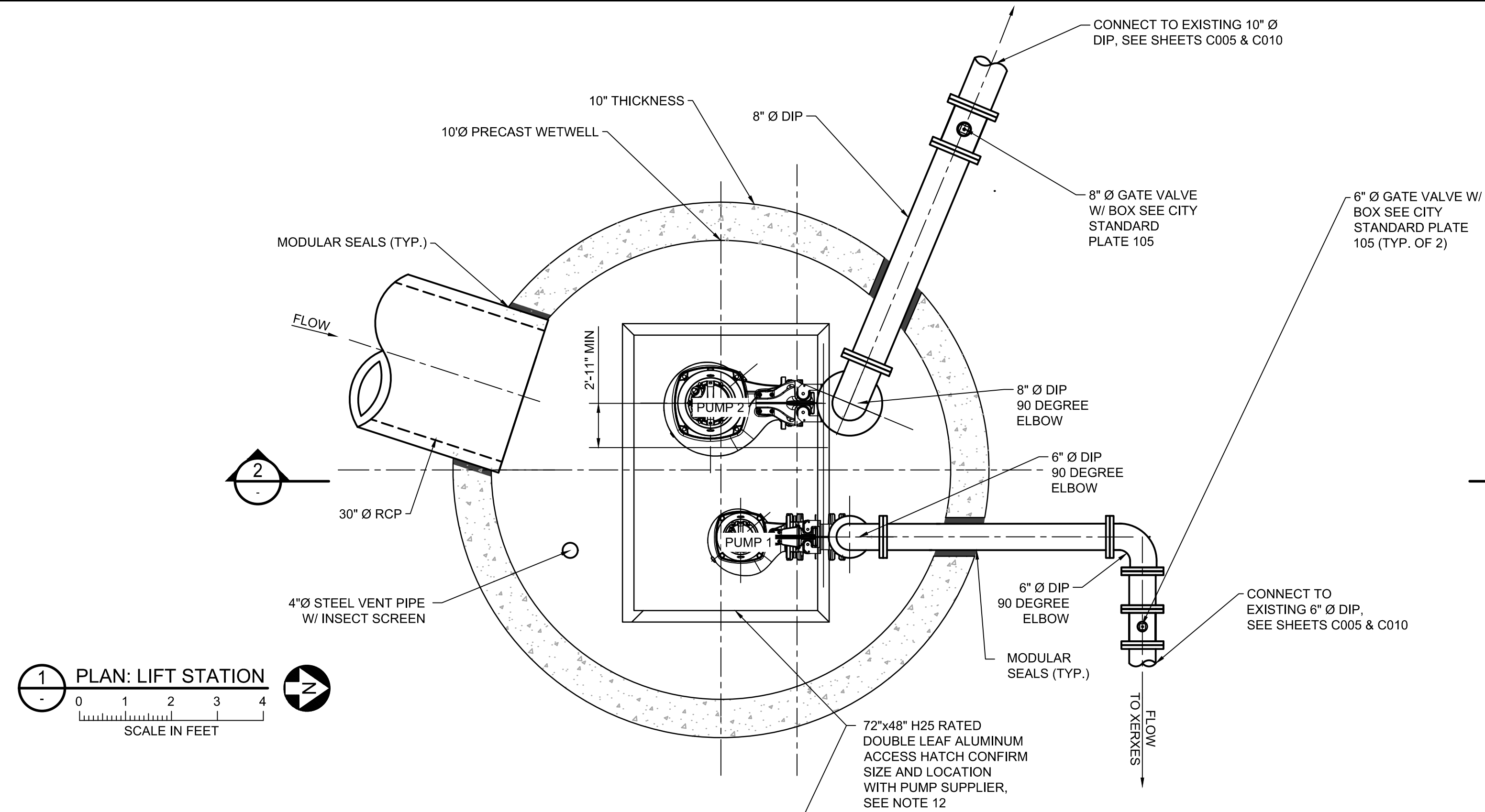
BARR
 BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435
 PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

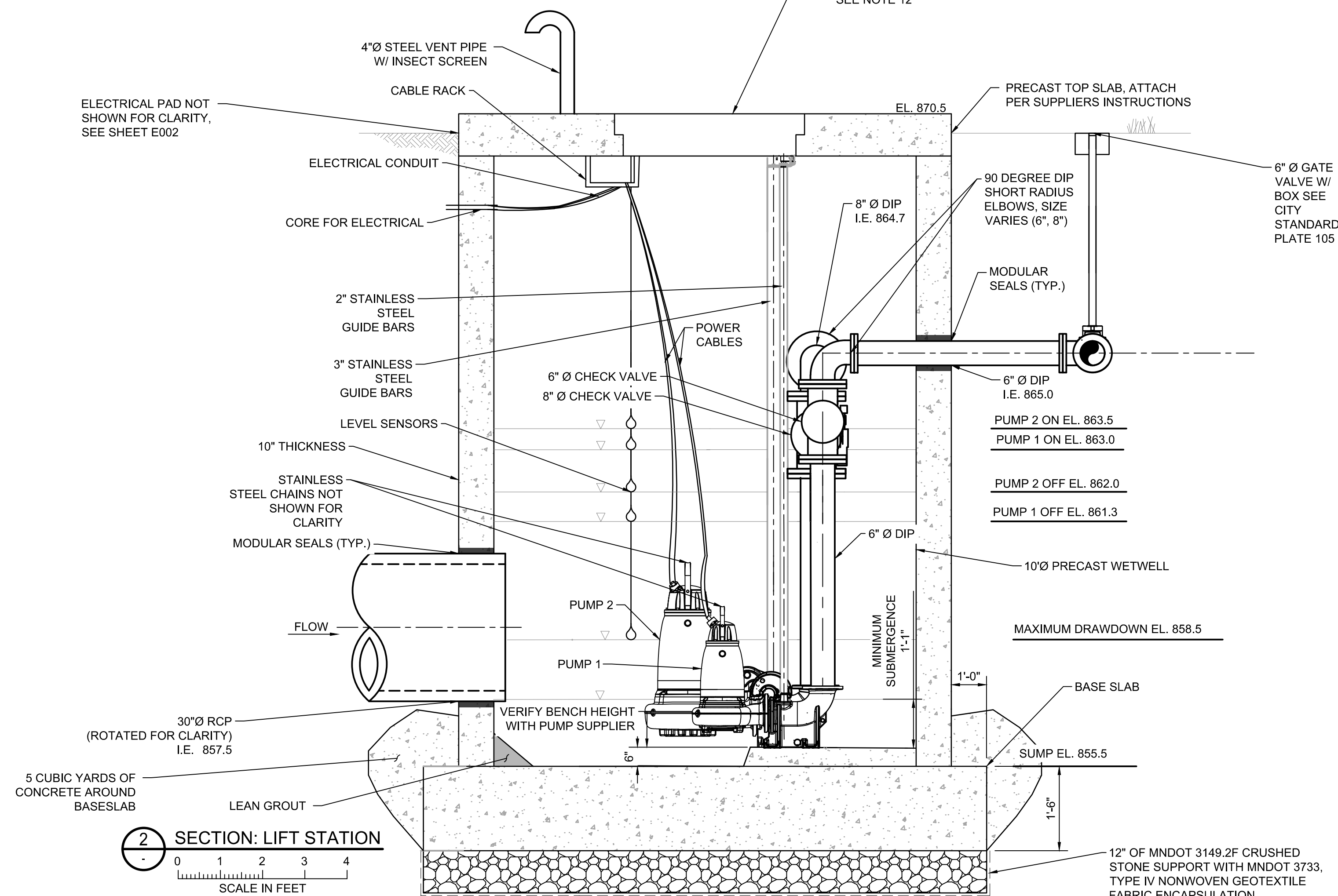
CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 GRADING SECTIONS

BARR PROJECT #	2327213500
DWG #	C007
REV #	0



1 PLAN: LIFT STATION
 SCALE IN FEET



2 SECTION: LIFT STATION
 SCALE IN FEET

NOTES:

- ITEMS MAY BE ROTATED FOR CLARITY.
- FIELD VERIFY ALL DIMENSIONS, AND CONFIRM LOCATIONS OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.
- INSTALL PUMPS AND OTHER EQUIPMENT IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS. DIMENSIONS SHOWN ARE GENERAL. CONFIRM ALL DIMENSIONS WITH MANUFACTURER. VERIFY HATCH DIMENSIONS FOR PUMPS SUPPLIED. VERIFY BENCH HEIGHT AND MINIMUM SUBMERGENCE WITH PUMP SUPPLIER PRIOR TO INSTALLATION OF SUBMERSIBLE PUMPS.
- INSTALL VENT TO ALLOW ACCESS HATCH TO OPEN TO LOCKED POSITION.
- ALL BRACKETS FOR GUIDE RAILS AND LEVEL SENSING MOUNTING HARDWARE, CLAMPS, NUTS, BOLTS, MOUNTING BRACKETS AND OTHER MISCELLANEOUS CONNECTORS LOCATED WITHIN THE LIFT STATION ARE TO BE SERIES 300 OR 400 STAINLESS STEEL.
- PROVIDE OSHA APPROVED METAL SAFETY GRATING WITH LIFT STATION HATCH.
- CONTRACTOR MAY USE COMPACT FITTINGS AS REQUIRED TO ACHIEVE REQUIRED PUMP SPACING.
- INSTALL LEVEL SENSOR ON SIDE OF LIFT STATION OPPOSITE INLET PIPE.
- APPLY SAUERSEN BY CENTRAL SCIENTIFIC COMPANY OR QUADEX COATING TO INTERIOR LIFT STATION WALLS PER SPECIFICATIONS.
- EXCAVATE AT SAFE SLOPES IN ACCORDANCE WITH OSHA. CONTRACTOR PROVIDE DESIGN FOR EXCAVATION DEEPER THAN 20'.
- ALL INTERNAL PIPING TO BE FLANGED, EXTERNAL PIPING TO HAVE MECHANICAL JOINTS.
- HATCH TO OPEN TO THE SOUTH (TOWARDS THE POND)

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 8:17 AM
 CADD USER: NATHAN S. THOMAS FILE: M:\DESIGN\2327213500_CIVIL\2327213500_C008.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
 PRINTED NAME: **BRYAN D. PITTLERLE**
 SIGNATURE: *Bryan Pittlerle*
 DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	NST2	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION


BARR
 BARR ENGINEERING CO. PH: 1-800-632-2277
 4300 MARKETPOINTE DRIVE WWW.BARR.COM
 SUITE 200 MINNESOTA ENGINEERING FIRM
 MINNEAPOLIS, MN 55435 NUMBER 10104111545

CITY OF EDINA
 EDINA, MINNESOTA
 CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 LIFT STATION
 PLAN AND SECTION

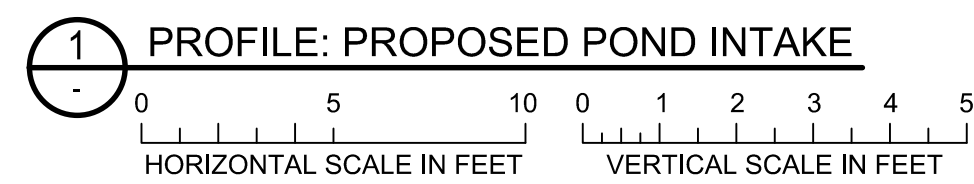
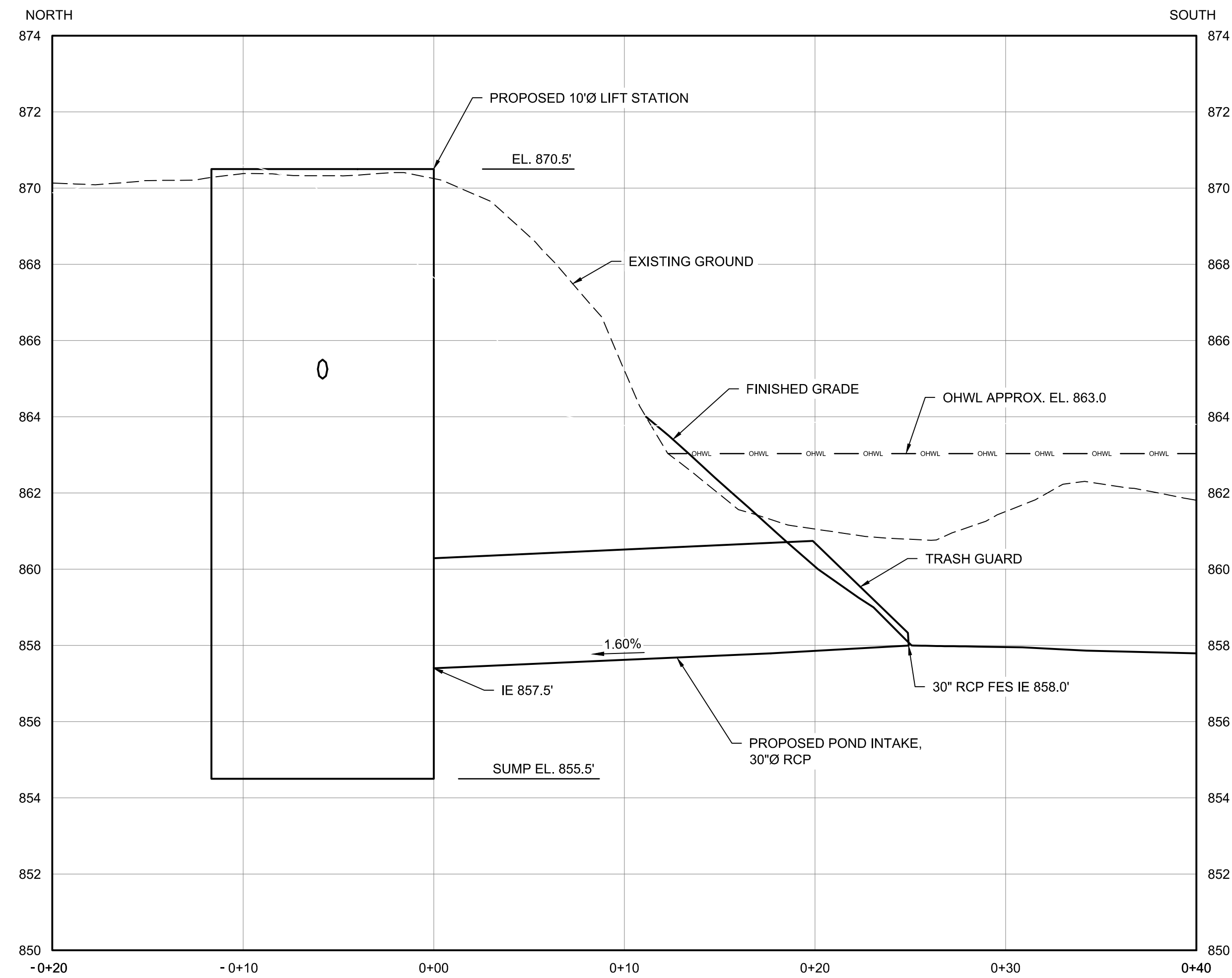
BARR PROJECT #	2327213500
DWG #	C008
REV #	0

PROJECT DATUM:

HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

NOTES:

- FOR DETAILS, SEE CITY OF EDINA STANDARD PLATES 240 AND 380.
- RESTORE ALL AREAS ABOVE OHWL DISTURBED BY CONSTRUCTION TO EXISTING GRADE.



ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 8:54 PM
 CADD USER: JACK A. METLACH FILE: W:\DESIGN\2327213500_C009.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan Pittlerle*
 DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
 BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435
 PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 10104111545

CITY OF EDINA
 EDINA, MINNESOTA

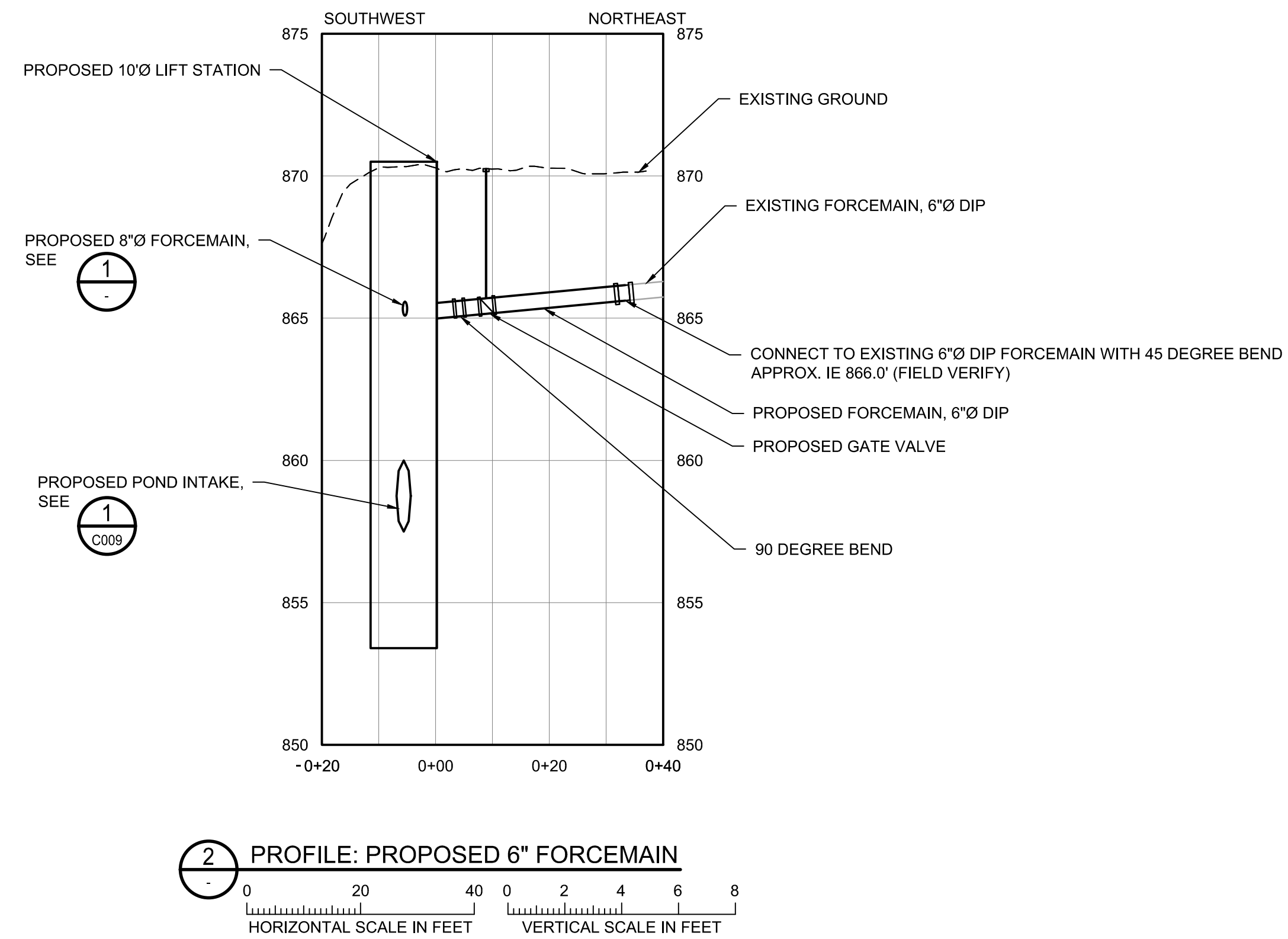
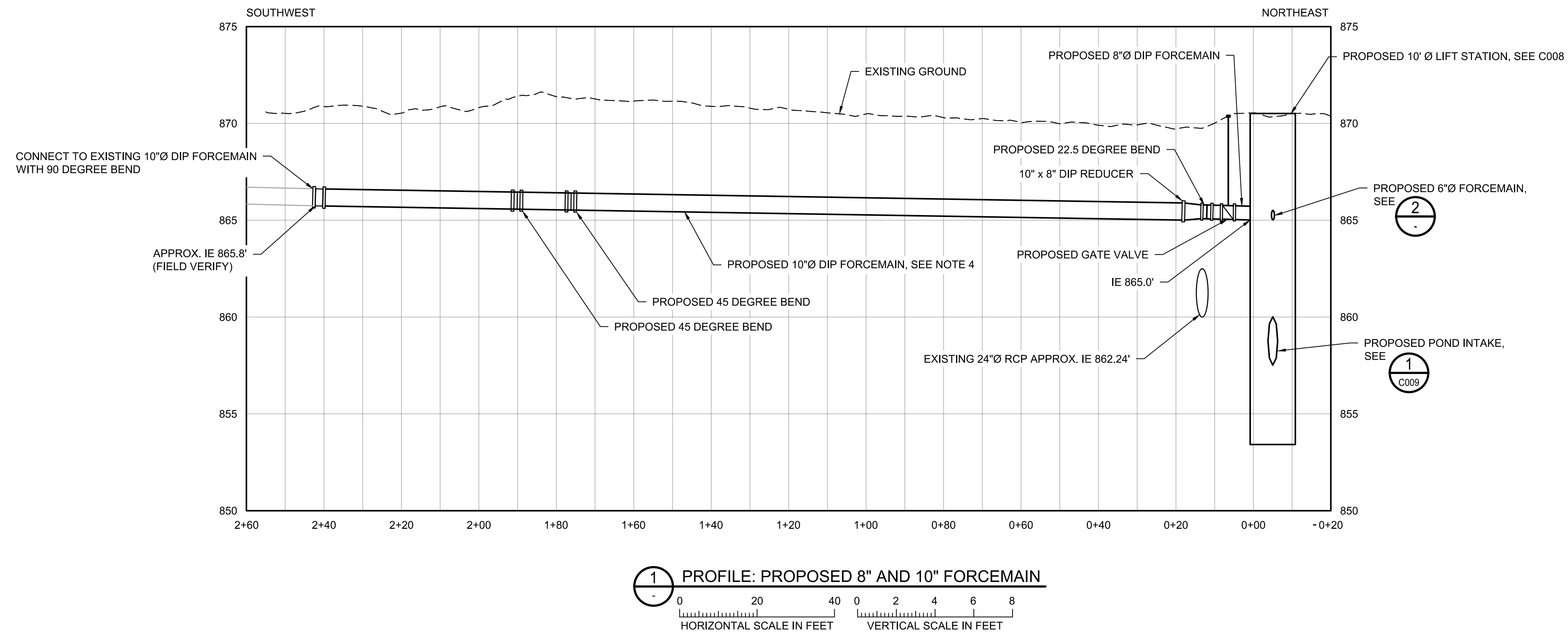
CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 INTAKE PIPE SECTIONS AND DETAILS

BARR PROJECT #	2327213500
DWG #	C009
REV #	0

PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

- NOTES:
1. MIN. BURY DEPTH OF 7.5' FOR FORCEMAINS
 2. RESTORE ALL AREAS ABOVE OHWL DISTURBED BY CONSTRUCTION TO EXISTING GRADE.
 3. PROVIDE MINIMUM 10' HORIZONTAL SEPARATION (OUTSIDE TO OUTSIDE) BETWEEN TREATED/POTABLE WATERLINES AND OTHER UTILITIES.
 4. WHEN MINIMUM BURY DEPTH CANNOT BE ACHIEVED, INSTALL PIPE INSULATION. MIN. BURY DEPTH OF 4.5' WITH PIPE INSULATION. INSULATION TO BE RIGID EXPANDED POLYSTYRENE INSULATION BOARD 2.5" MIN. TOTAL THICKNESS, MIN. 2 LAYERS WITH STAGGERED JOINTS, AND 8" MIN. WIDTH (4" ON EACH SIDE OF PIPE). BOTTOM OF INSULATION TO BE 6" ABOVE TOP OF PIPE.
 5. FOR DETAILS, SEE CITY OF EDINA STANDARD PLATES 105, 120, 125, 380.



ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/12/2026 6:58 PM
 CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_C010.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan D. Pittlerle*
 DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

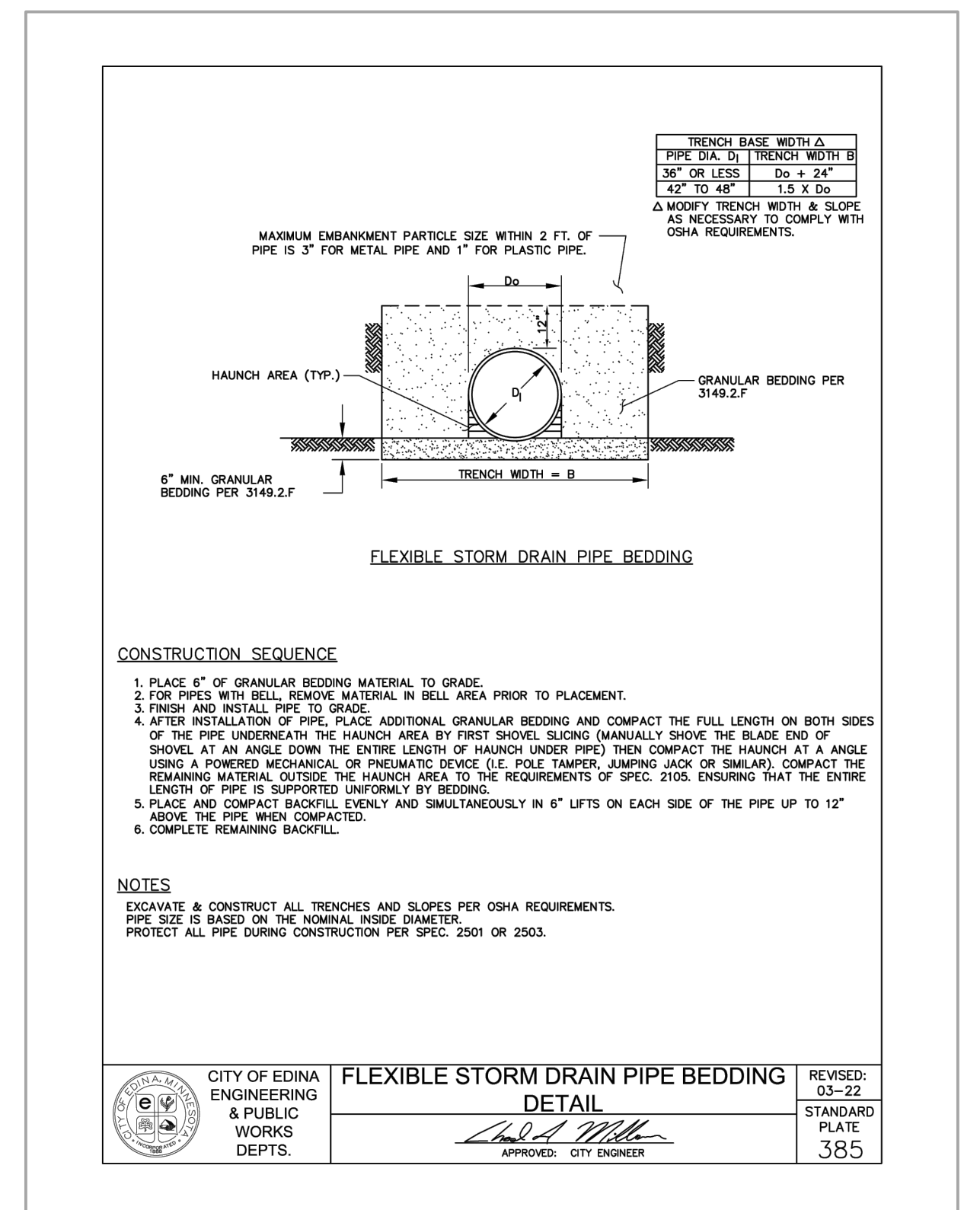
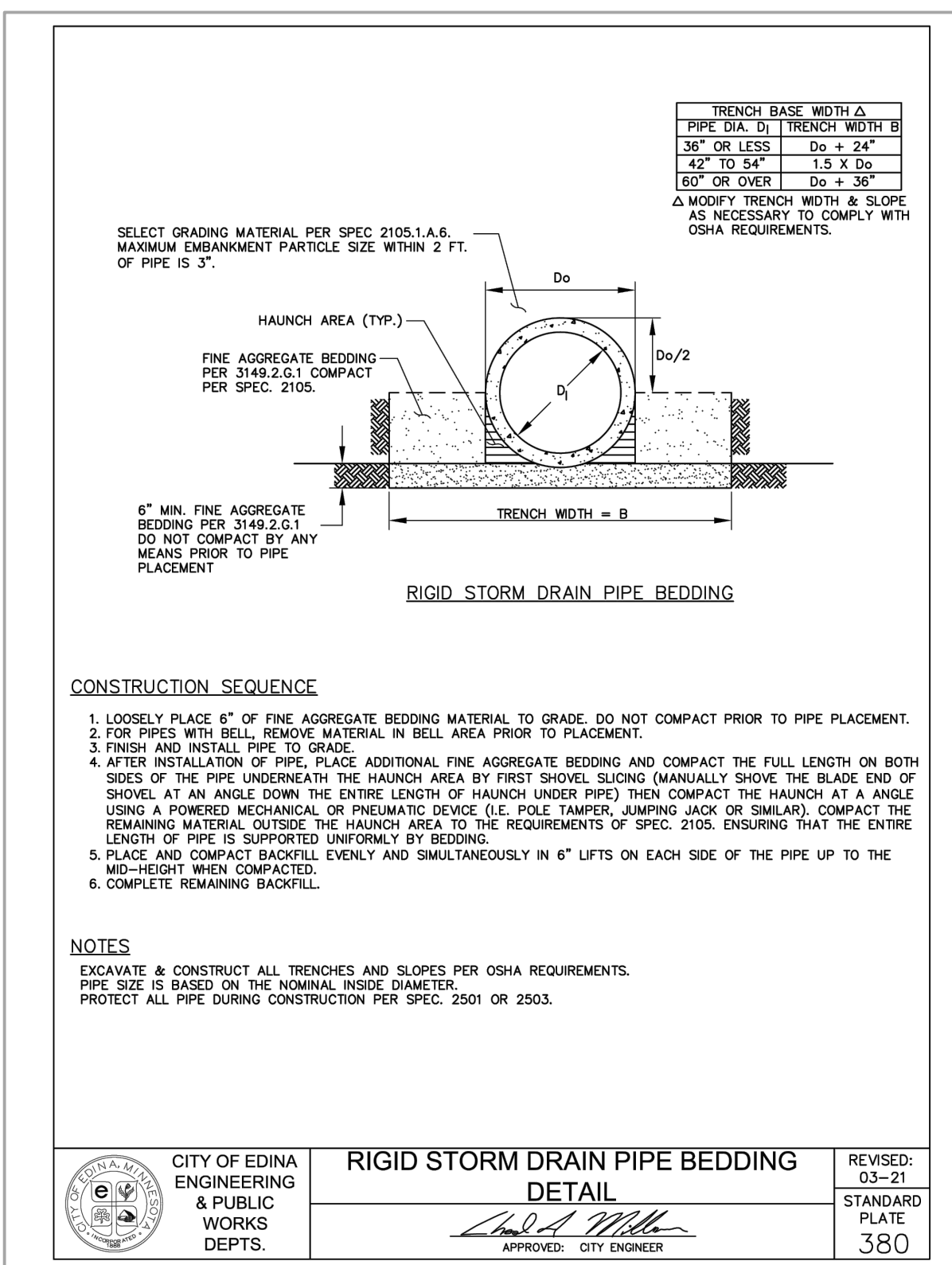
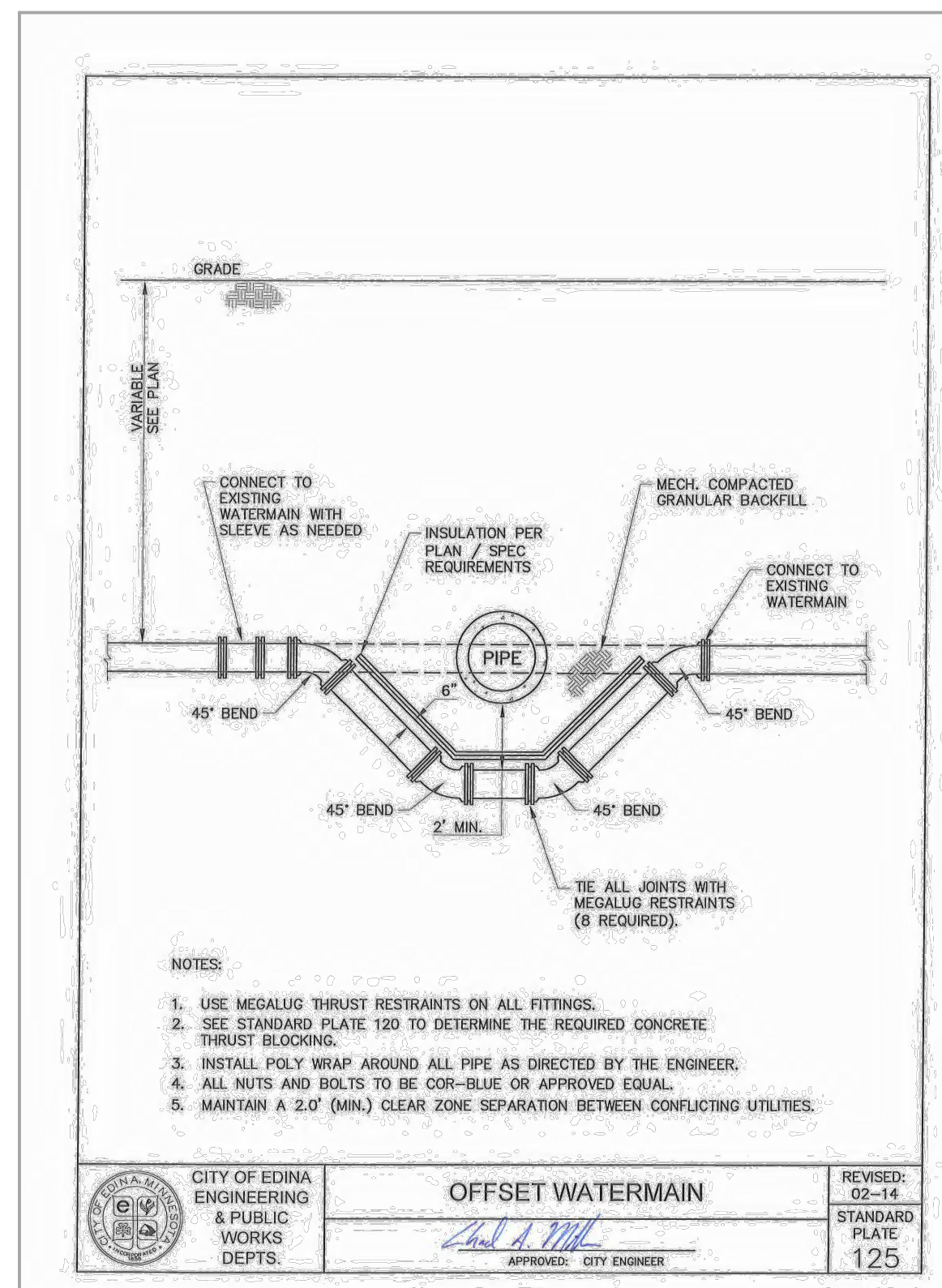
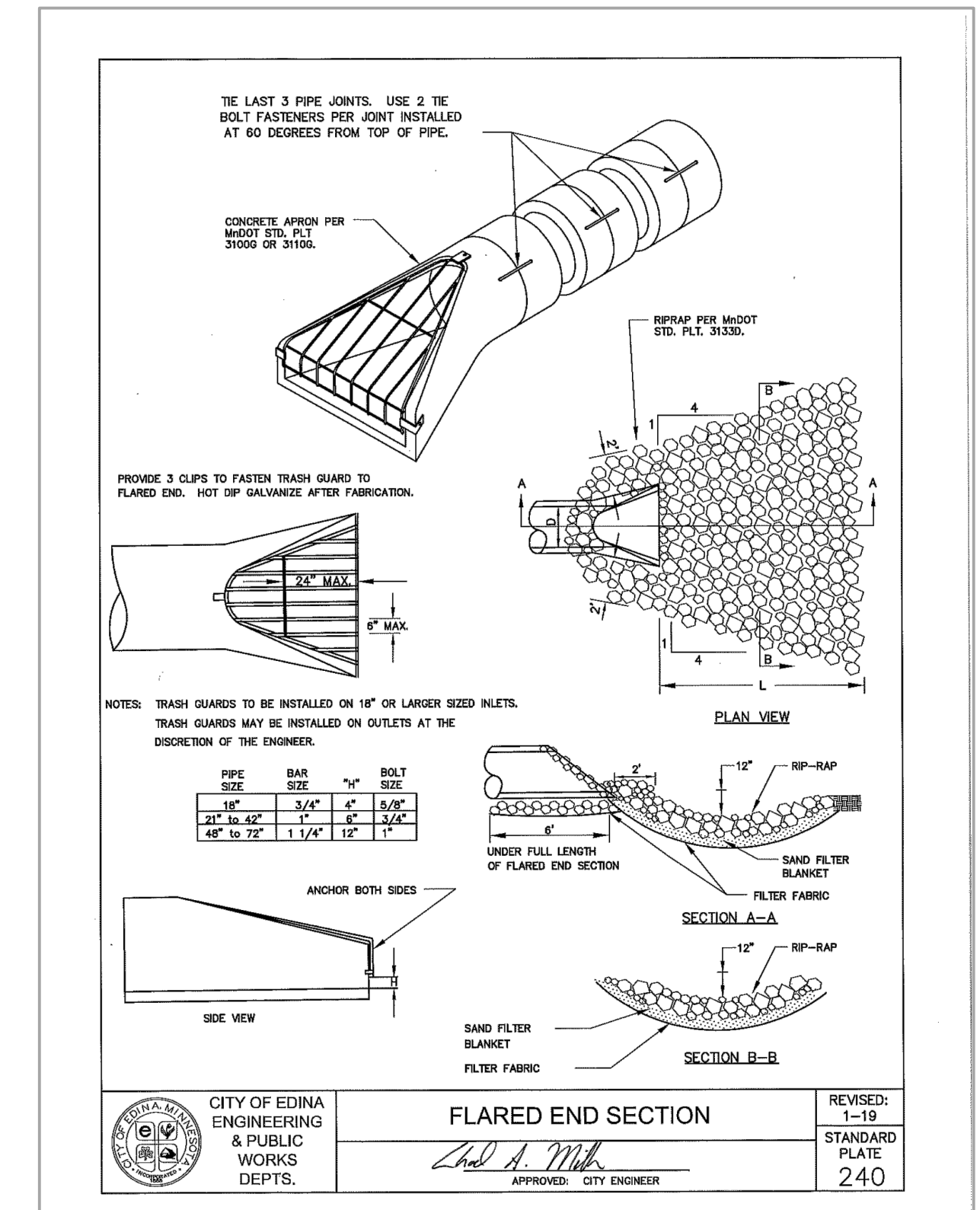
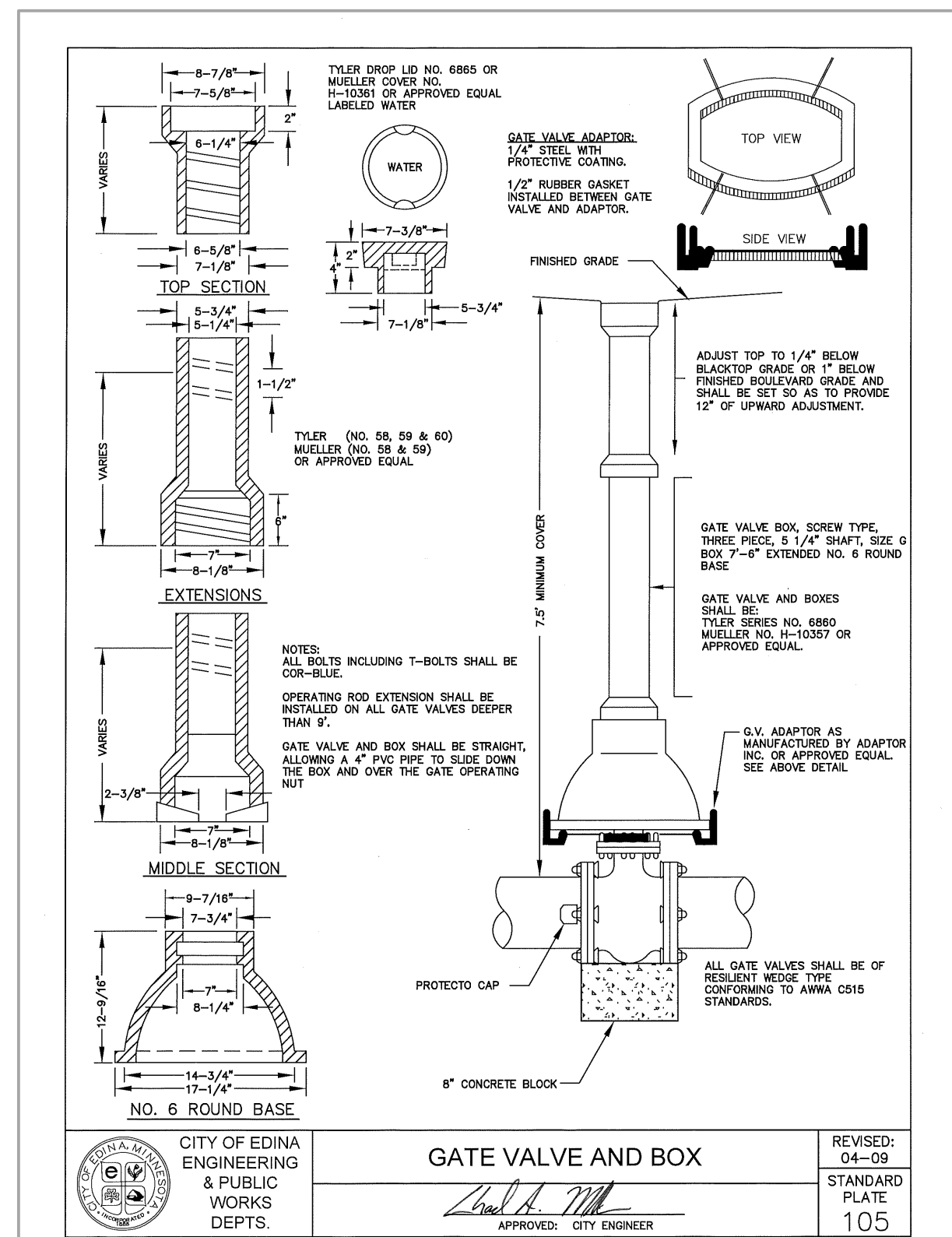
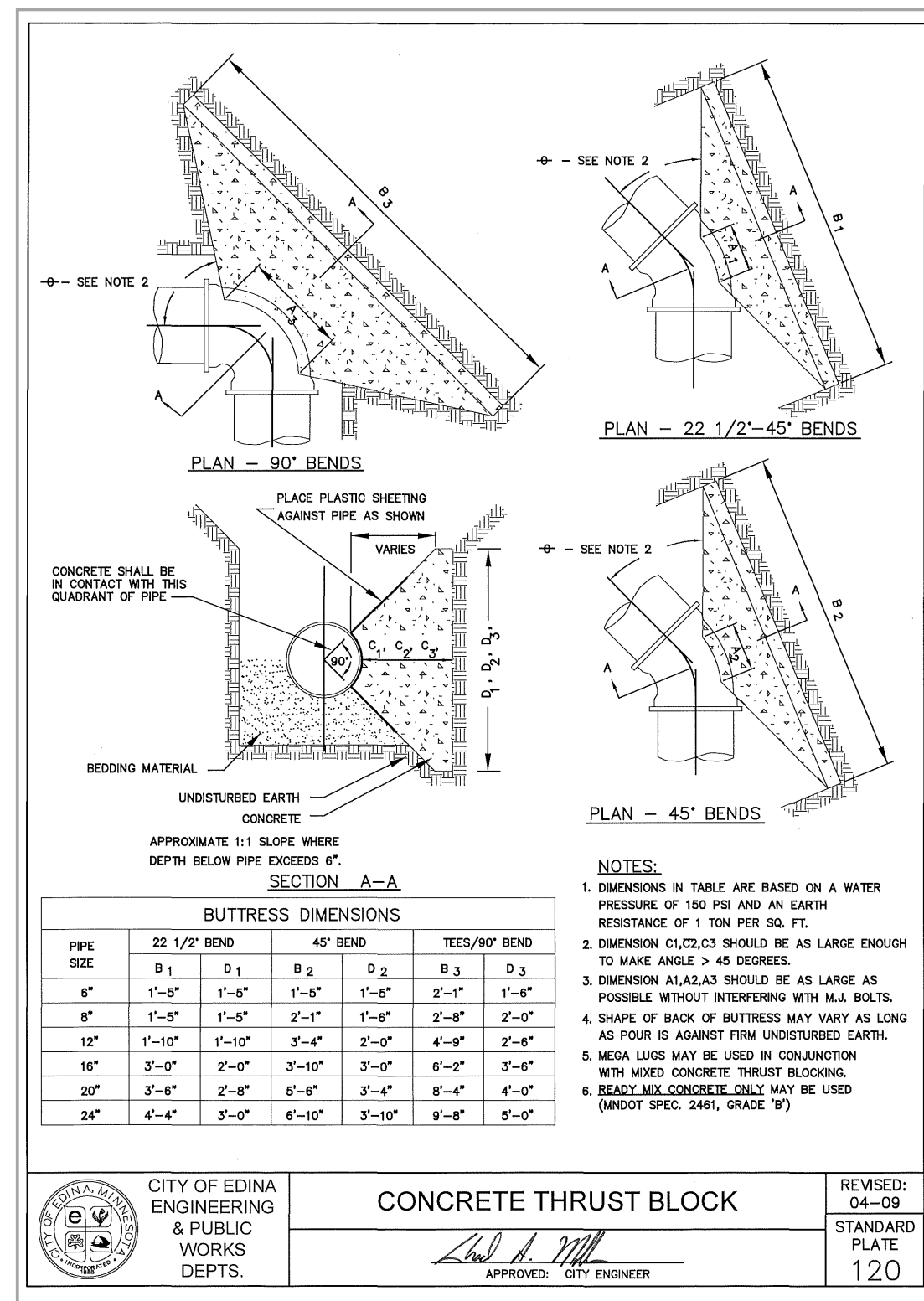
BARR

BARR ENGINEERING CO. PH: 1-800-632-2277
 4300 MARKETPOINTE DRIVE WWW.BARR.COM
 SUITE 200 MINNESOTA ENGINEERING FIRM
 MINNEAPOLIS, MN 55435 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS EDINA, MN		BARR PROJECT # 2327213500
PROPOSED PIPING PROFILE		DWG # C010
		REV # 0



ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 8:57 PM
CADD USER: JACK A. METTLACH FILE: M:\DESIGN\2027\13500_C011.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
SIGNATURE: *Bryan D. Pittlerle*
DATE: 02/13/2026 LICENSE # 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR

BARR ENGINEERING CO.
4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

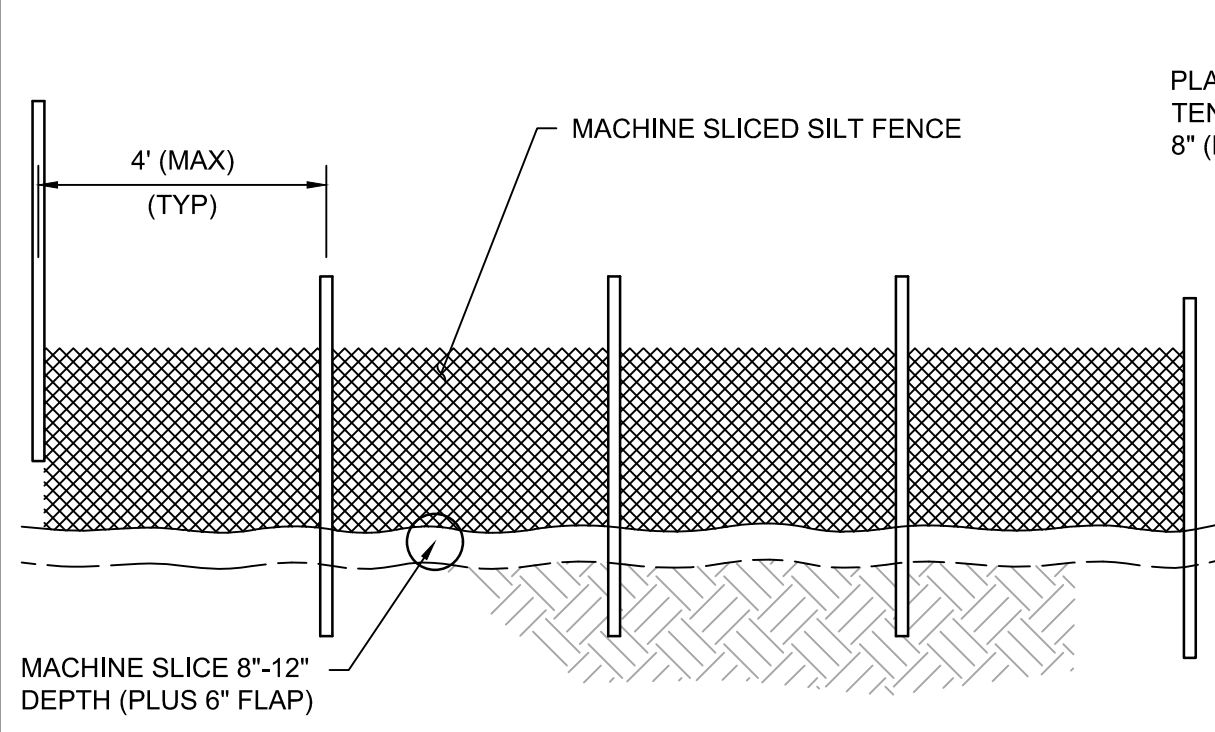
CITY OF EDINA
EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

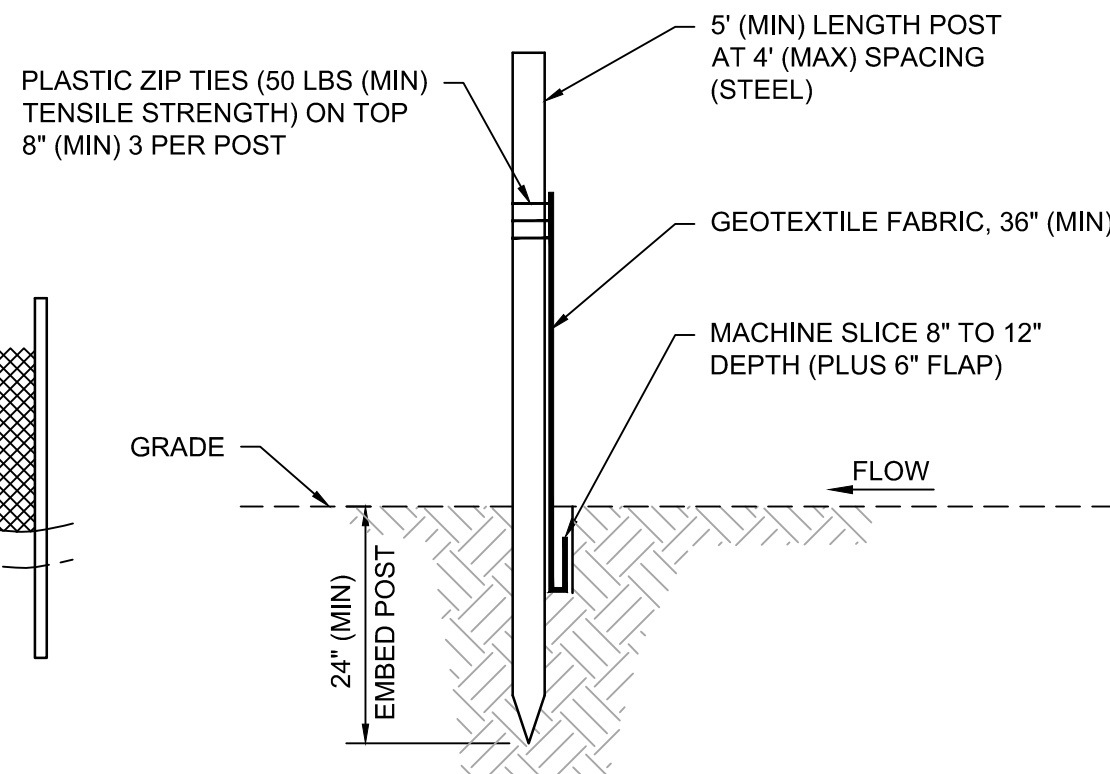
YORK AVE POND IMPROVEMENTS
EDINA, MN
TYPICAL CITY DETAILS

BARR PROJECT # 2327213500

DWG #	C011
REV #	0



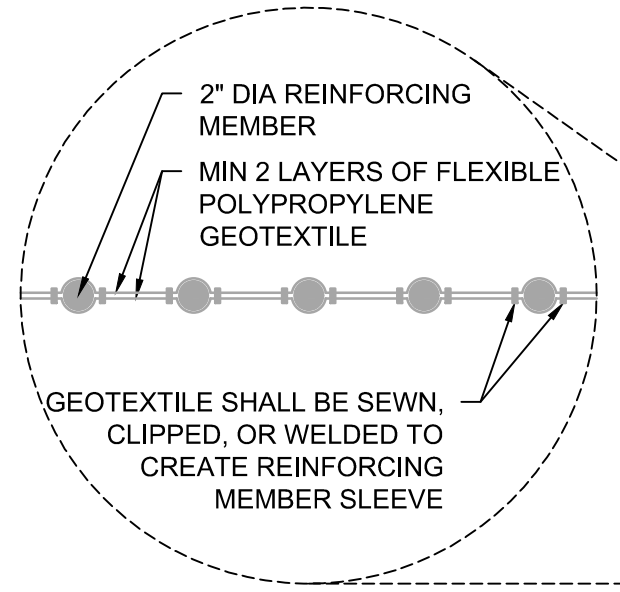
DOWNSTREAM VIEW



SECTION VIEW

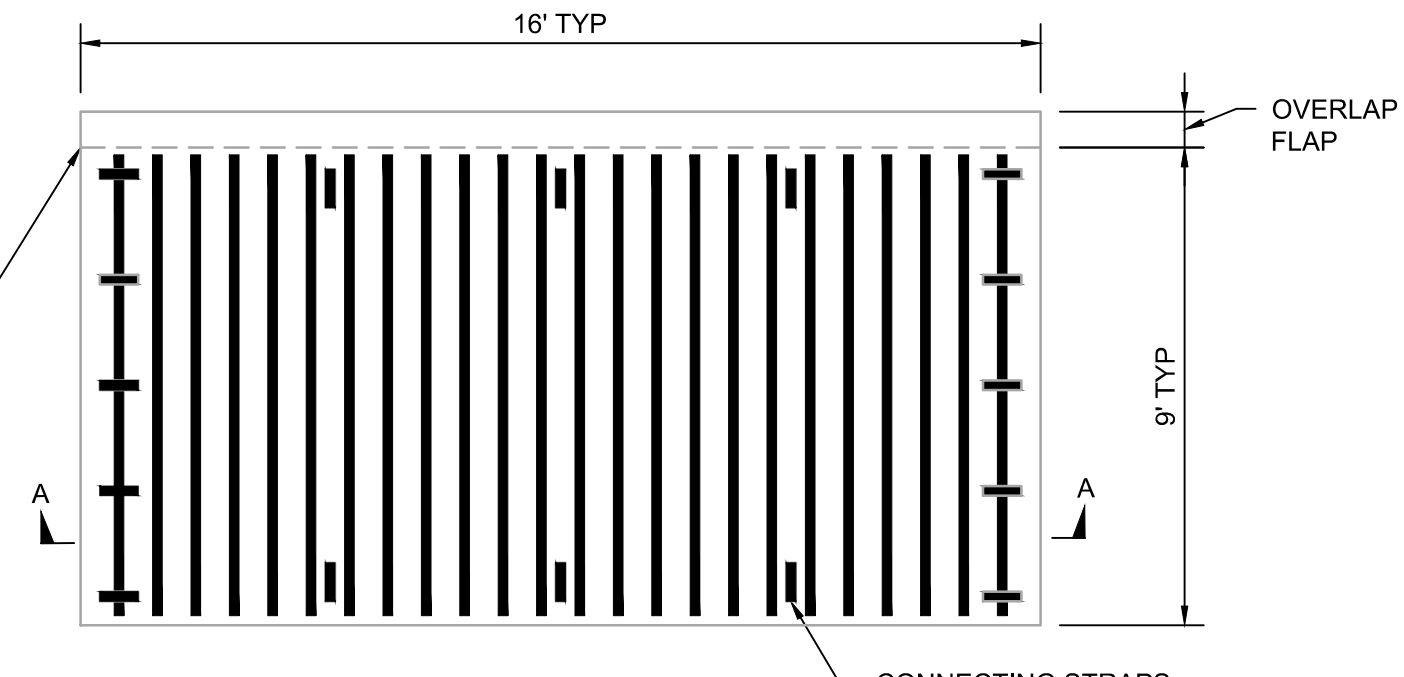
GEOTEXTILE PROPERTY	TEST PROCEDURE	MIN VALUE
GRAB TENSILE STRENGTH	ASTM D4632	802.6 LBS
APPARENT BREAKING ELONGATION	ASTM D4632	25% / 18%
TRAPEZOID TEARING STRENGTH	ASTM D4533	607 LBS
PUNCTURE RESISTANCE	ASTM D4833	374.3 LBS
MULLEN BURST	ASTM D3786	456.88 PSI
APPARENT OPENING SIZE	ASTM D4751	70 US SIEVE / 0.212MM
CONSTANT HEAD PERMITTIVITY	ASTM D4491	20.16 G/M/FT ²
WIDE WIDTH TENSILE	ASTM D4595	685.7 LBS/IN
MATERIAL	WOVEN GEOTEXTILE	100% POLYPROPYLENE

ENDS SHALL BE SEWN OR CLIPPED SHUT TO CONFINE REINFORCING MEMBERS

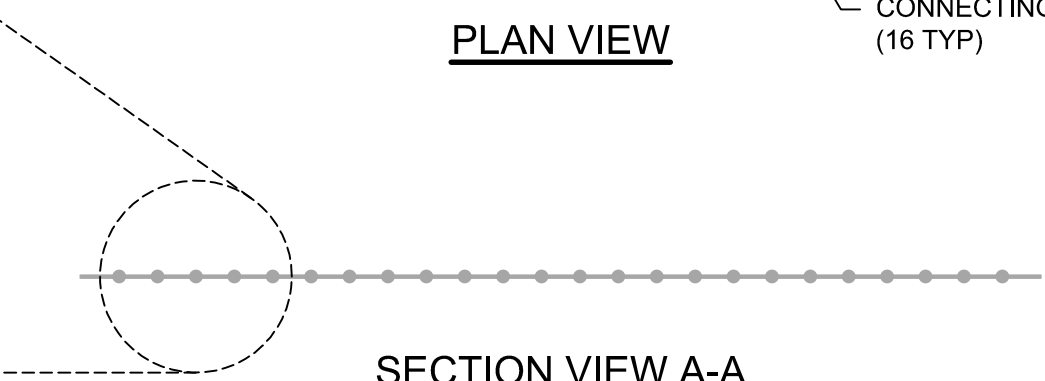


NOTES:

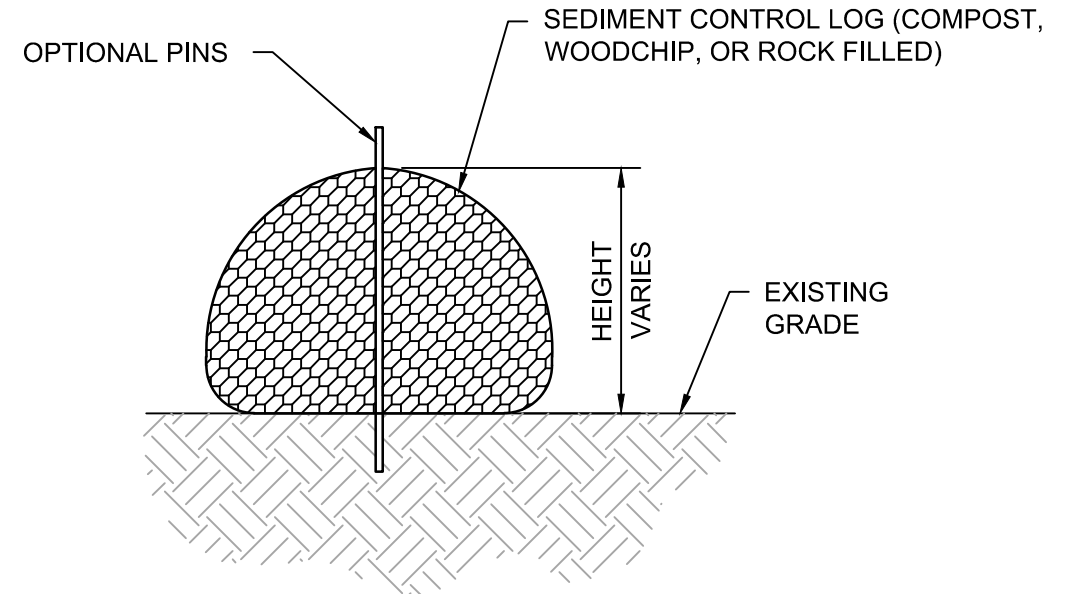
1. MAINTAIN ENTRANCE/EXIT THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIR OR REPLACE AS REQUIRED TO PREVENT TRACKING OFFSITE.
2. REMOVE ENTRANCE/EXIT IN CONJUNCTION WITH FINAL GRADING AND SITE STABILIZATION.



PLAN VIEW



SECTION VIEW A-A



NOTES:

1. STAKE FREE SEDIMENT CONTROL LOG TO BE USED IN AREAS THAT ARE RELATIVELY FLAT AND SHOULD BE INSTALLED ALONG CONTOURS (CONSTANT ELEVATION).
2. NO GAPS SHALL BE PRESENT UNDER SEDIMENT CONTROL LOG. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
3. ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN REACHING 1/2 OF LOG HEIGHT.
4. SEDIMENT CONTROL LOG SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD AND REPAIRED OR REPLACED AS REQUIRED.

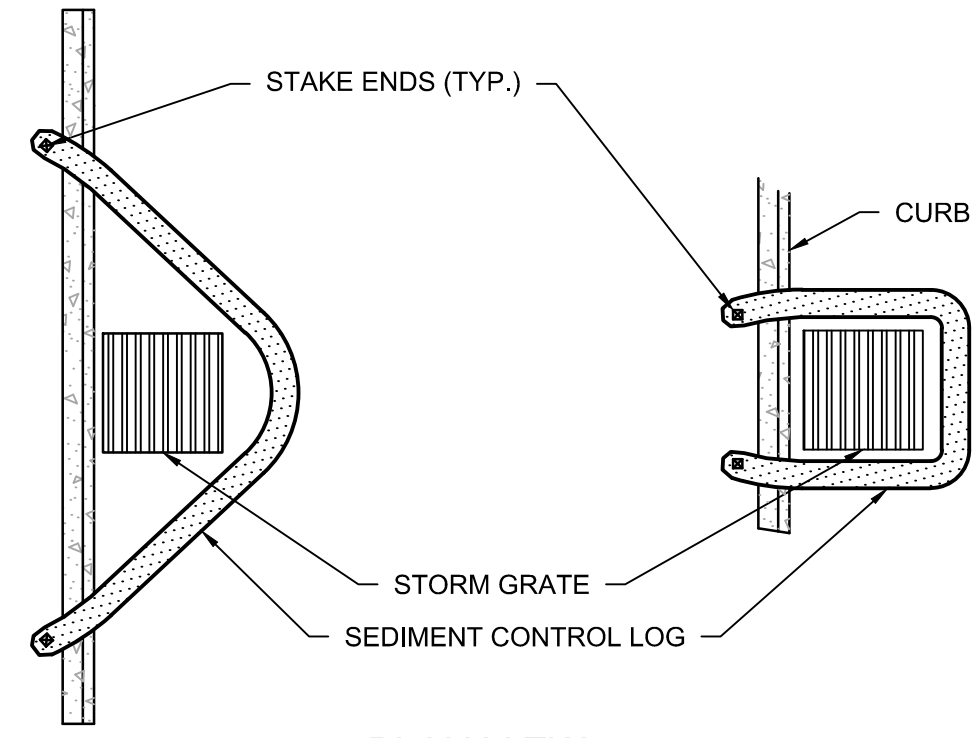
NOTES:

1. INSTALL SILT FENCE PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED AND MAINTAIN THROUGHOUT THE CONSTRUCTION PERIOD. REMOVE SILT FENCE AND ANY ACCUMULATED SEDIMENT IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.
2. NO HOLES OR GAPS SHALL BE PRESENT IN/UNDER SILT FENCE. PREPARE AREA AS NEEDED TO SMOOTH SURFACE OR REMOVE DEBRIS.
3. REMOVE ACCUMULATED SEDIMENT WHEN BUILD UP REACHES 1/2 OF FENCE HEIGHT. OR INSTALL A SECOND SILT FENCE DOWNSTREAM OF THE ORIGINAL FENCE AT A SUITABLE DISTANCE.
4. WHEN SPLICES ARE NECESSARY MAKE SPLICE AT POST ACCORDING TO SPLICE DETAIL. PLACE THE END POST OF THE SECOND FENCE INSIDE THE END POST OF THE FIRST FENCE. ROTATE BOTH POSTS TOGETHER AT LEAST 180 DEGREES TO CREATE A TIGHT SEAL WITH THE FABRIC MATERIAL. CUT THE FABRIC NEAR THE BOTTOM OF THE POSTS TO ACCOMMODATE THE 6 INCH FLAP, THEN DRIVE BOTH POSTS AND BURY THE FLAP AND COMPACT BACKFILL.

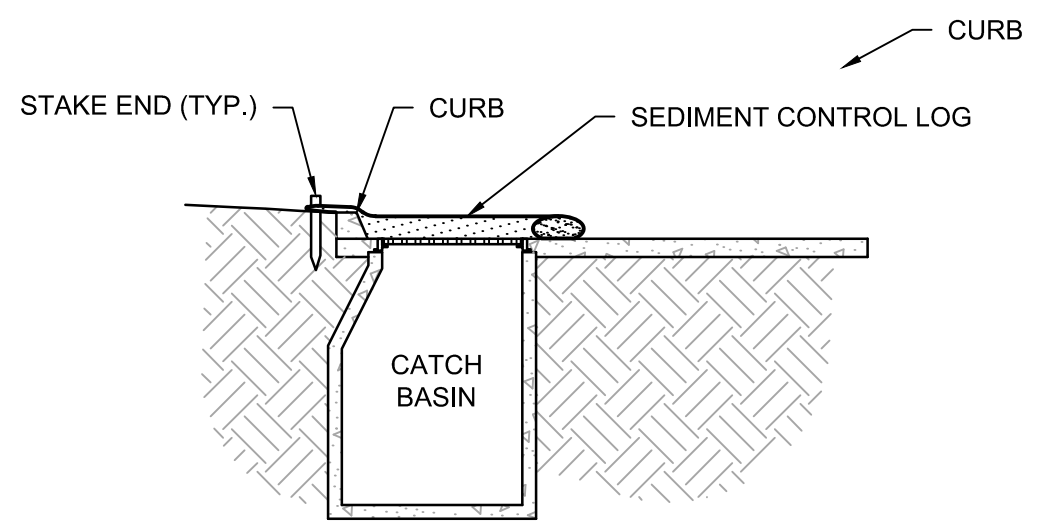
1 DETAIL: SILT FENCE - MACHINE SLICED
NOT TO SCALE

2 DETAIL: CONSTRUCTION ENTRANCE/EXIT - RUMBLE STRIP MAT
NOT TO SCALE

3 DETAIL: SEDIMENT CONTROL LOG - STAKE FREE
NOT TO SCALE



PLAN VIEW

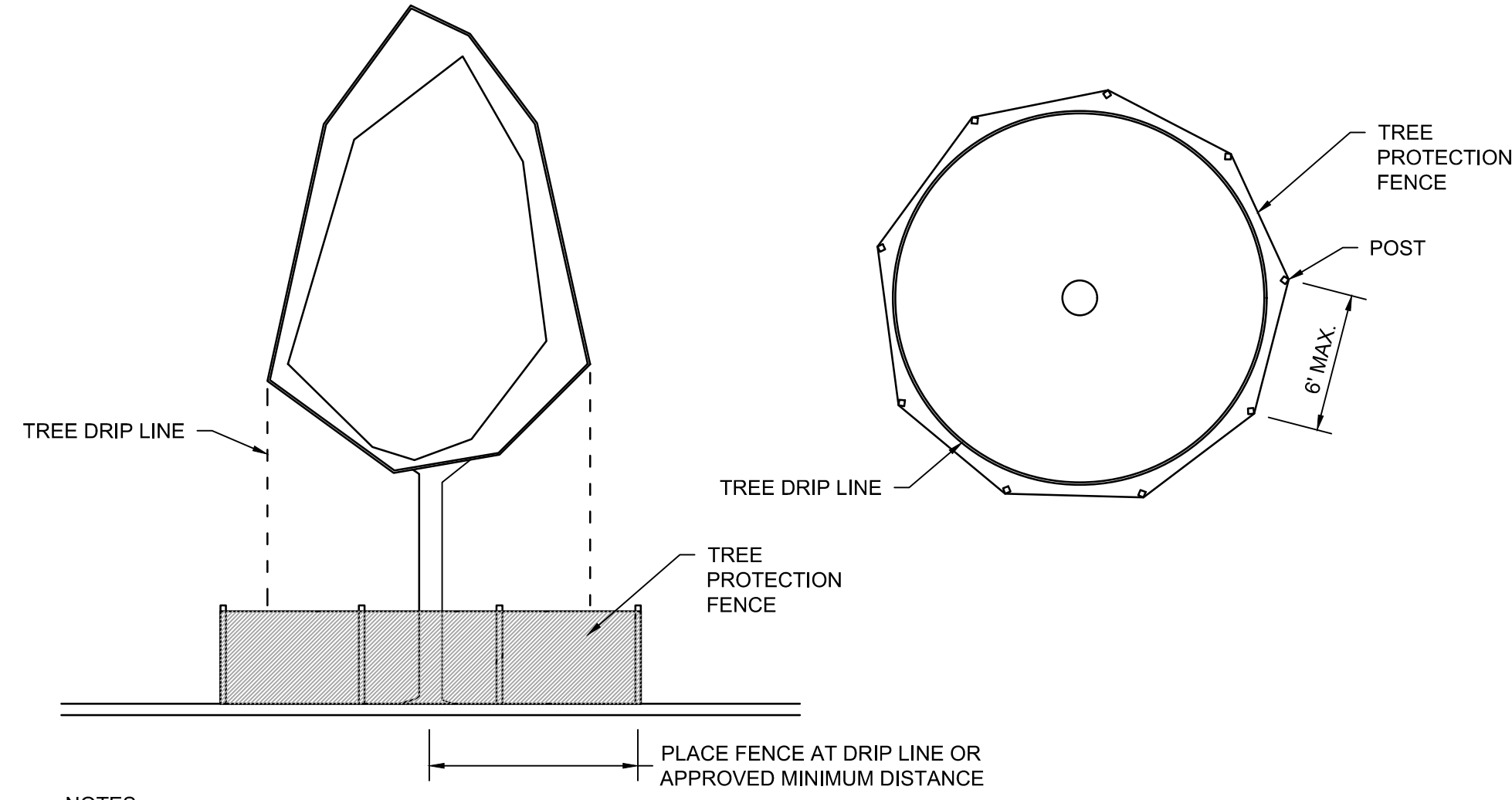


SECTION VIEW

NOTES:

1. INLET PROTECTION SHALL BE INSTALLED PRIOR TO ANY GRADING WORK IN THE AREA TO BE PROTECTED OR IMMEDIATELY FOLLOWING CATCHBASIN INSTALLATION, AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.
2. MATERIALS SHALL BE SUFFICIENT TO ALLOW FLOW WHILE BLOCKING SEDIMENT. NO HOLES OR GAPS SHALL BE PRESENT IN/UNDER SEDIMENT LOG.
3. CLEAN INLET PROTECTION AND REMOVE ACCUMULATED SEDIMENT WHEN SEDIMENT REACHES 1/2 THE HEIGHT OF THE SEDIMENT CONTROL LOG, OR AS REQUIRED TO ALLOW FLOW INTO THE CATCHBASIN AND PREVENT SEDIMENT FROM LEAVING THE DEVICE.
4. MATERIALS AND ANY ACCUMULATED SEDIMENT SHALL BE REMOVED IN CONJUNCTION WITH THE FINAL GRADING AND SITE STABILIZATION.

4 DETAIL: INLET PROTECTION - SEDIMENT LOG
NOT TO SCALE



NOTES:

1. TREE PROTECTION FENCING SHALL BE INSTALLED ACCORDING TO PLAN PRIOR TO DEMOLITION OR OTHER SITE WORK. ANY RELOCATION OF THE TREE PROTECTION FENCING TO BE APPROVED BY CITY FORESTER. TREE PROTECTION FENCING SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION PROCESS.
2. CONSTRUCTION MATERIALS, STOCKPILES, EQUIPMENT, VEHICLES, AND TEMPORARY FACILITIES SHALL NOT BE STORED OR OPERATED WITHIN THE TREE PROTECTION ZONE.
3. ROOTS OUTSIDE OF THE TREE PROTECTION ZONE EXPOSED OR DAMAGED DURING EXCAVATION OR OTHER CONSTRUCTION ACTIVITY SHALL BE CLEANLY CUT AS DIRECTED BY THE CITY FORESTER.
4. ADDITIONAL TREE PROTECTION MEASURES MAY BE REQUIRED.

5 DETAIL: TREE PROTECTION FENCING
NOT TO SCALE

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/11/2026 6:58 PM
CADD USER: JACK A. METTLACH FILE: I:\DESIGN\2327213500_CIVIL\2327213500_C012.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.
PRINTED NAME: BRYAN D. PITTLERLE
SIGNATURE: *Bryan Pittlerle*
DATE: 02/13/2026 LICENSE #: 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

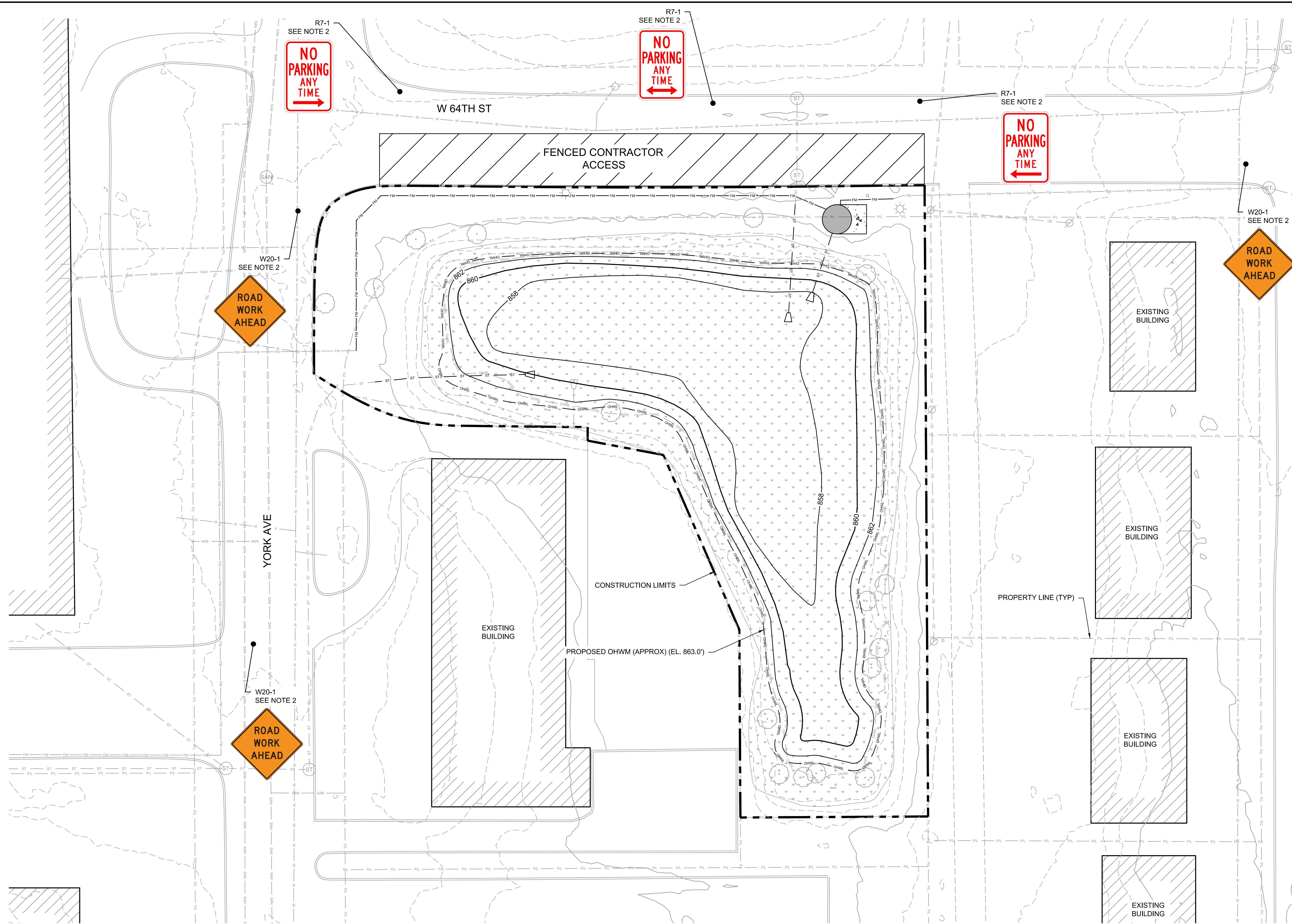
BARR
BARR ENGINEERING CO. PH: 1-800-632-2277
4300 MARKETPOINTE DRIVE WWW.BARR.COM
SUITE 200 MINNESOTA ENGINEERING FIRM
MINNEAPOLIS, MN 55435 NUMBER 1010411545

CITY OF EDINA
EDINA, MINNESOTA
CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
EDINA, MN
EROSION AND SEDIMENT CONTROL DETAILS

BARR PROJECT #	2327213500
DWG #	C012
REV #	0

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 11:05 AM
 CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_C013.DWG



PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

LEGEND:

- 860 EXISTING MAJOR CONTOUR
- 858 EXISTING MINOR CONTOUR
- PL PROPERTY LINE
- ST EXISTING STORM GRAVITY SEWER
- SAN EXISTING SANITARY SEWER
- FM EXISTING STORM FORCEMAIN
- W EXISTING WATER LINE
- OE EXISTING OVERHEAD ELECTRIC
- EXISTING EDGE OF ROAD
- EXISTING CURB AND GUTTER
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING HYDRANT
- EXISTING SANITARY MANHOLE
- EXISTING STORM MANHOLE
- EXISTING TREE
- EXISTING FIELD DELINEATED WETLAND
- EXISTING BUILDING
- PROPOSED CONSTRUCTION LIMITS
- 860 PROPOSED MAJOR CONTOUR
- 858 PROPOSED MINOR CONTOUR
- 1+00 PROPOSED ALIGNMENT
- CHWM PROPOSED ORDINARY HIGH WATER MARK (EL. 863.0')
- ST PROPOSED STORM GRAVITY SEWER
- FM PROPOSED STORM FORCEMAIN
- PROPOSED LIFT STATION
- PROPOSED CONCRETE

- NOTES:**
- ALL TEMPORARY TRAFFIC AND PEDESTRIAN CONTROLS SHALL BE INSTALLED PRIOR TO THE START OF CONSTRUCTION.
 - ALL SIGNAGE SHALL BE IN COMPLIANCE WITH THE MINNESOTA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES BY THE FEDERAL HIGHWAY ADMINISTRATION. SEE TRAFFIC CONTROL SIGN AND PLAQUE TABLE BELOW FOR ADDITIONAL DETAILS. CONTRACTOR SHALL GET APPROVAL FOR PROPOSED TRAFFIC CONTROL PLAN FROM AUTHORITY HAVING JURISDICTION PRIOR TO INSTALLATION.
 - SIGN TO BE PLACED ON A TYPE 3 BARRICADE.
 - ACCESS TO ALL PROPERTIES MUST BE MAINTAINED AT ALL TIMES.

TRAFFIC CONTROL SIGN AND PLAQUE TABLE			
SIGN	LEGEND	SIZE (IN)	REMARKS
R7-1	NO PARKING	12 X 18	SEE NOTE 3
W20-1	ROAD WORK AHEAD	36 X 36	SEE NOTE 3

1 PLAN: TRAFFIC CONTROL
 SCALE IN FEET

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: BRYAN D. PITTLERLE
 SIGNATURE: *Bryan D. Pittlerle*
 DATE: 02/13/2026 LICENSE #: 55568

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	BDP	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
 BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 TRAFFIC CONTROL
 PLAN

BARR PROJECT #	2327213500
DWG #	C013
REV #	0

PROJECT DATUM:
 HORIZONTAL: HENNEPIN COUNTY COORDINATES, NAD83
 VERTICAL: NGVD29

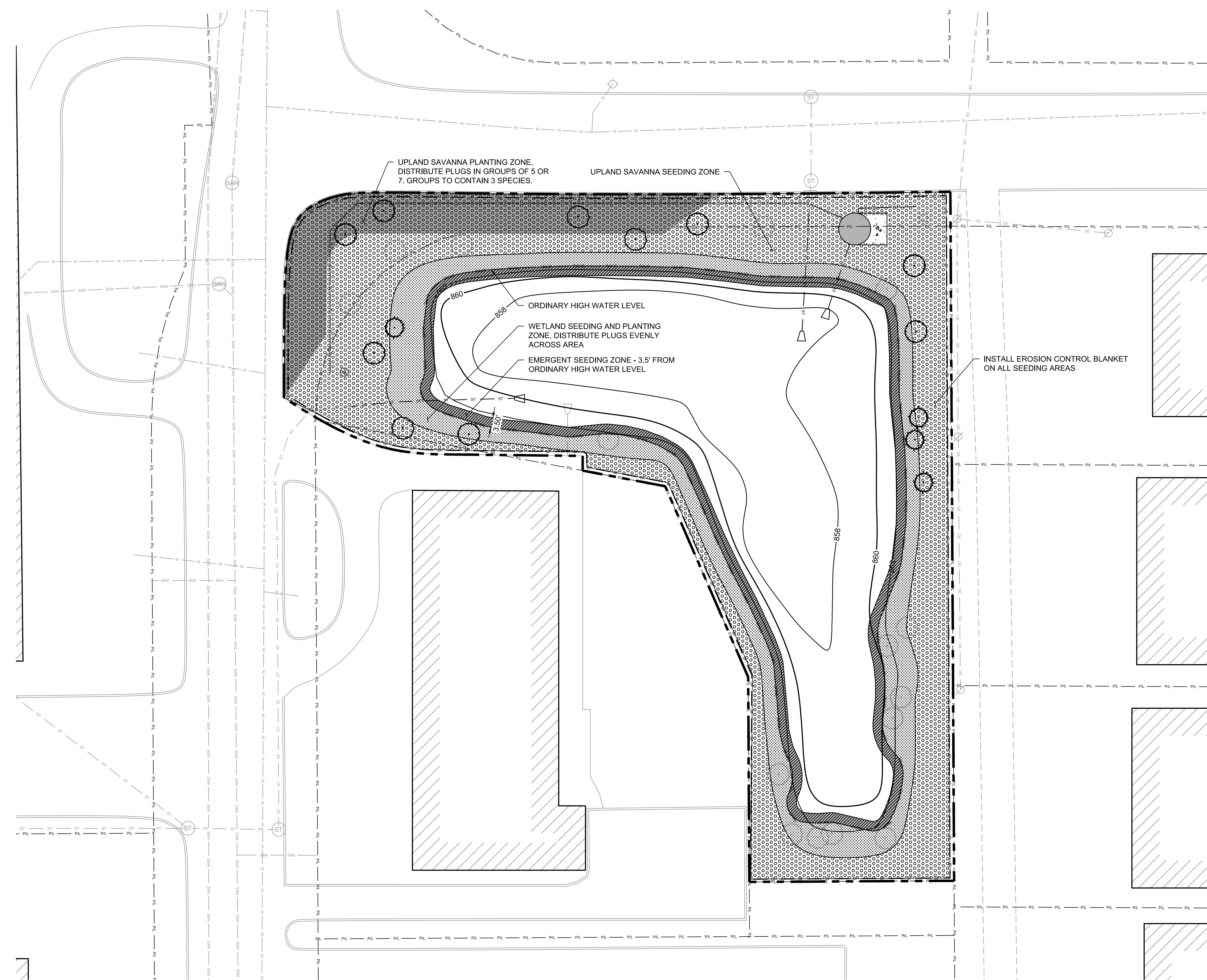
LEGEND:

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	858	EXISTING MINOR CONTOUR
	860	PROPOSED MAJOR CONTOUR
	858	PROPOSED MINOR CONTOUR
	PL	PROPERTY LINE
	ST	EXISTING STORM GRAVITY SEWER
	SAN	EXISTING SANITARY SEWER
	FM	EXISTING STORM FORCEMAIN
	W	EXISTING WATER LINE
	OE	EXISTING OVERHEAD ELECTRIC
		EXISTING CURB AND GUTTER
		EXISTING LIGHT POLE
		EXISTING POWER POLE
		EXISTING HYDRANT
		EXISTING SANITARY MANHOLE
		EXISTING STORM MANHOLE
		EXISTING TREE
		EXISTING BUILDING
	SF	SILT FENCE
	CHWM	PROPOSED ORDINARY HIGH WATER MARK (EL. 863.0')
	ST	PROPOSED STORM GRAVITY SEWER
	FM	PROPOSED STORM FORCEMAIN
		PROPOSED LIFT STATION
		PROPOSED CONSTRUCTION LIMITS
		UPLAND SAVANNA SEEDING ZONE
		UPLAND SAVANNA PLANTING ZONE
		WETLAND SEEDING AND PLANTING ZONE
		EMERGENT SEEDING ZONE

NOTES:

PLANT SCHEDULE

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	QTY
TREES					
	ACER RUBRUM	RED MAPLE	10 GAL.	CONT.	3
	QUERCUS BICOLOR	SWAMP WHITE OAK	10 GAL.	CONT.	7
	THUJA OCCIDENTALIS	NORHTERN WHITE CEDAR	10 GAL.	CONT.	4



1 PLAN: LANDSCAPE RESTORATION PLAN

0 20 40
SCALE IN FEET

N

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 3:20 PM
 CADD USER: JACK A. METTLACH FILE: M:\DESIGN\2327213500_C01L2327213500_1.DWG

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

PRINTED NAME: MARCY D. BEAN
 SIGNATURE: *Marcy D. Bean*
 DATE: 02/13/2026 LICENSE # 48430

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	DRM3	MDB3	MDB3	02/13/2026	ISSUED FOR CONSTRUCTION

BARR

BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

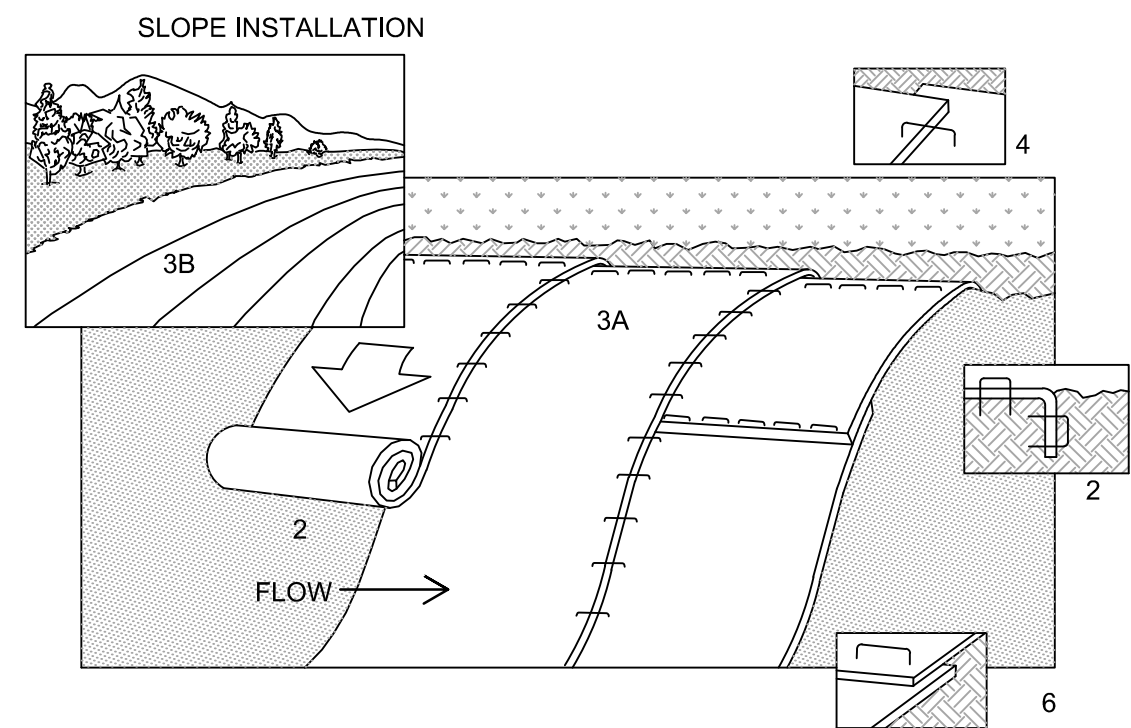
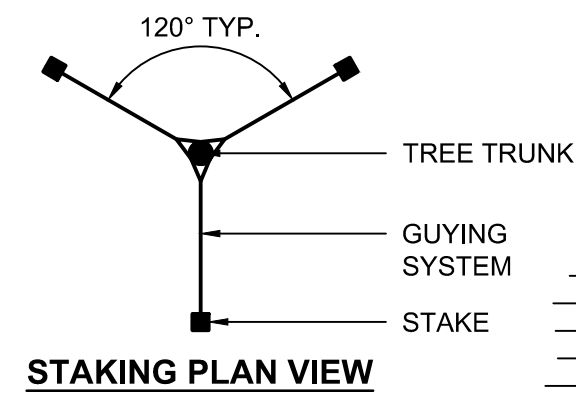
PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 LANDSCAPE RESTORATION PLAN

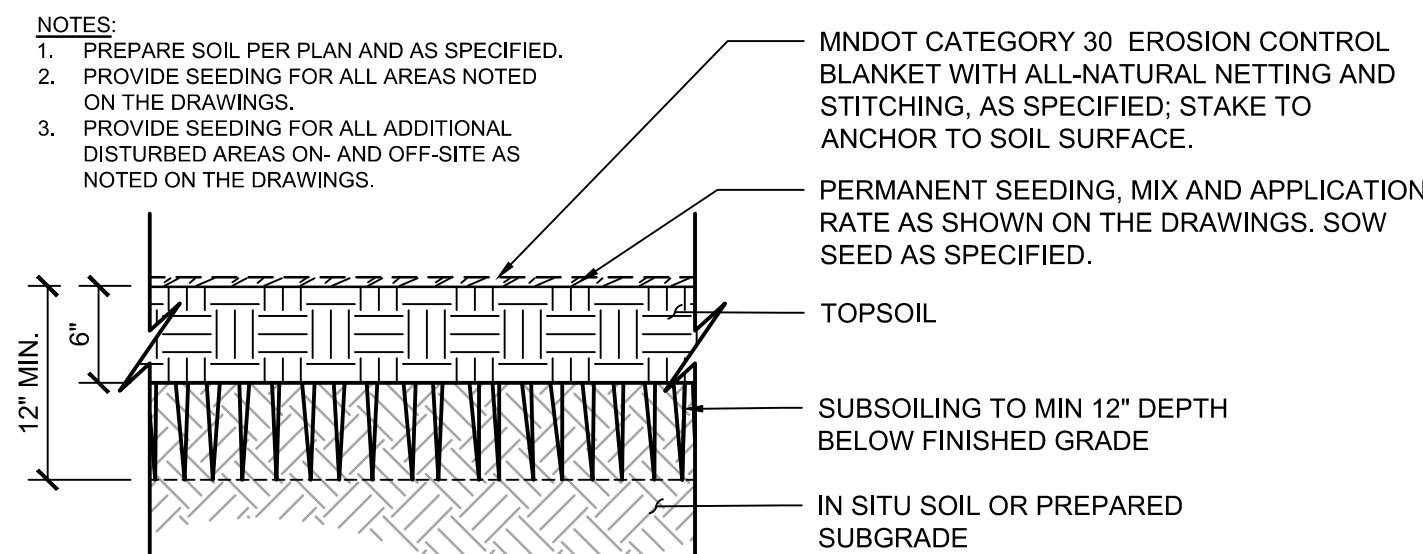
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DWG #	L001
REV #	0



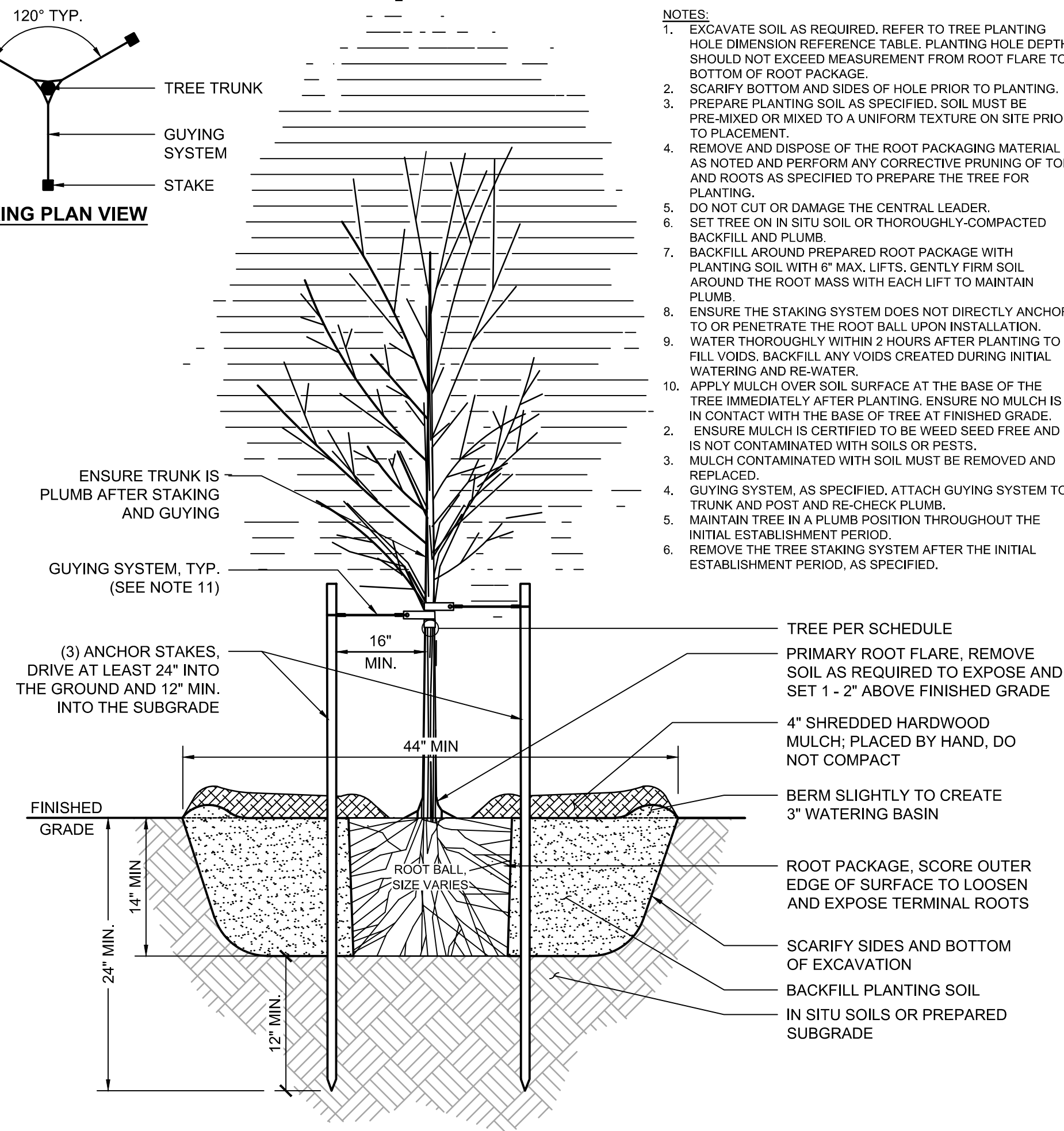
NOTES:

- REFER TO MANUFACTURER RECOMMENDATIONS FOR STAPLE PATTERNS FOR SLOPE INSTALLATIONS.
- PREPARE SOIL BY LOOSENING TOP 1-2 INCHES AND APPLY SEED (AND FERTILIZER WHERE REQUIRED) PRIOR TO INSTALLING BLANKETS. GROUND SHOULD BE SMOOTH AND FREE OF DEBRIS.
- BEGIN (A) AT THE TOP OF THE SLOPE AND ROLL THE BLANKETS DOWN OR (B) AT ONE END OF THE SLOPE AND ROLL THE BLANKETS HORIZONTALLY ACROSS THE SLOPE.
- THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP, WITH THE UPHILL BLANKET ON TOP.
- WHEN BLANKETS MUST BE SPICED DOWN THE SLOPE, PLACE BLANKETS END OVER END (SHINGLE STYLE) WITH APPROXIMATELY 6" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART.
- BLANKET MATERIALS SHALL BE AS SPECIFIED OR AS APPROVED BY ENGINEER.

1 DETAIL: EROSION CONTROL BLANKET INSTALLATION
NOT TO SCALE



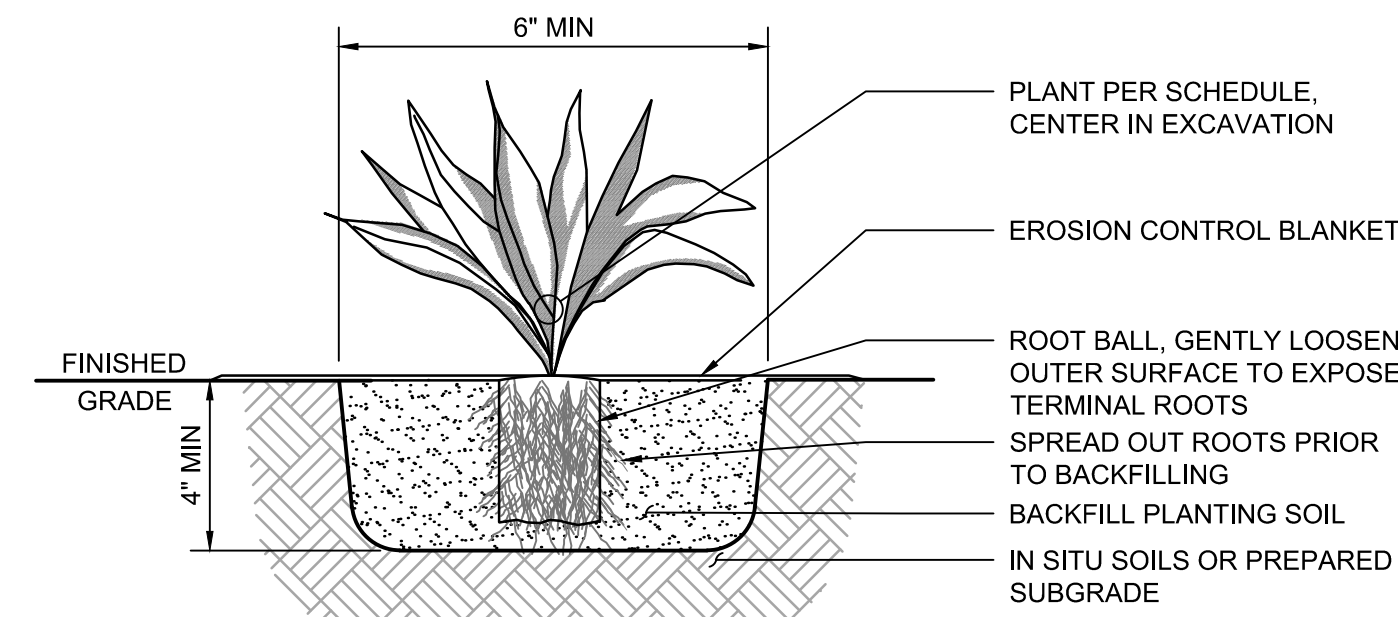
2 DETAIL: PERMANENT SEEDING
NOT TO SCALE



3 DETAIL: TREE PLANTING
NOT TO SCALE

NOTES:

- PULL BACK MULCH AND/OR CUT AWAY EROSION CONTROL BLANKET.
- EXCAVATE SOIL AS REQUIRED. REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PREPARE PLANTING SOIL PER PLAN AND AS SPECIFIED.
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING.
- PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
- REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED. SCARIFY BOTTOM AND OUTER PERIMETER OF ROOTBALL TO LOOSEN ROOTS AND PREPARE THE PLANT FOR PLANTING.
- SET PLANT ON IN SITU SOIL IN EXCAVATION AND PLUMB.
- BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL. GENTLY FIRM SOIL AROUND THE ROOT MASS TO MAINTAIN PLUMB.
- WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
- APPLY MULCH OVER SOIL SURFACE AT THE BASE OF THE PLANT IMMEDIATELY AFTER PLANTING. ENSURE NO MULCH IS IN CONTACT WITH THE BASE OF PLANT AT FINISHED GRADE.
- MAINTAIN PLANT IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.



4 DETAIL: PLUG PLANTING
NOT TO SCALE

NOTES:

- EXCAVATE SOIL AS REQUIRED. REFER TO TREE PLANTING HOLE DIMENSION REFERENCE TABLE. PLANTING HOLE DEPTH SHOULD NOT EXCEED MEASUREMENT FROM ROOT FLARE TO BOTTOM OF ROOT PACKAGE.
- SCARIFY BOTTOM AND SIDES OF HOLE PRIOR TO PLANTING. PREPARE PLANTING SOIL AS SPECIFIED. SOIL MUST BE PRE-MIXED OR MIXED TO A UNIFORM TEXTURE ON SITE PRIOR TO PLACEMENT.
- REMOVE AND DISPOSE OF THE ROOT PACKAGING MATERIAL AS NOTED AND PERFORM ANY CORRECTIVE PRUNING OF TOP AND ROOTS AS SPECIFIED TO PREPARE THE TREE FOR PLANTING.
- DO NOT CUT OR DAMAGE THE CENTRAL LEADER.
- SET TREE ON IN SITU SOIL OR THOROUGHLY-COMPACTED BACKFILL AND PLUMB.
- BACKFILL AROUND PREPARED ROOT PACKAGE WITH PLANTING SOIL WITH 6" MAX. LIFTS. GENTLY FIRM SOIL AROUND THE ROOT MASS WITH EACH LIFT TO MAINTAIN PLUMB.
- ENSURE THE STAKING SYSTEM DOES NOT DIRECTLY ANCHOR TO OR PENETRATE THE ROOT BALL UPON INSTALLATION.
- WATER THOROUGHLY WITHIN 2 HOURS AFTER PLANTING TO FILL VOIDS. BACKFILL ANY VOIDS CREATED DURING INITIAL WATERING AND RE-WATER.
- APPLY MULCH OVER SOIL SURFACE AT THE BASE OF THE TREE IMMEDIATELY AFTER PLANTING. ENSURE NO MULCH IS IN CONTACT WITH THE BASE OF TREE AT FINISHED GRADE.
- ENSURE MULCH IS CERTIFIED TO BE WEED SEED FREE AND IS NOT CONTAMINATED WITH SOILS OR PESTS.
- MULCH CONTAMINATED WITH SOIL MUST BE REMOVED AND REPLACED.
- GUYING SYSTEM, AS SPECIFIED. ATTACH GUYING SYSTEM TO TRUNK AND POST AND RE-CHECK PLUMB.
- MAINTAIN TREE IN A PLUMB POSITION THROUGHOUT THE INITIAL ESTABLISHMENT PERIOD.
- REMOVE THE TREE STAKING SYSTEM AFTER THE INITIAL ESTABLISHMENT PERIOD, AS SPECIFIED.

WETLAND SEED MIX

BWSR LAKESHORE MOIST SOILS SEED MIX 34-264

EMERGENT SEED MIX

Common Name	Scientific Name	PLS Rate (lb/ac)	% of Mix (by weight)
Canada Blue Joint Grass	<i>Calamagrostis canadensis</i>	0.06	1.1%
American Manna Grass	<i>Glyceria grandis</i>	0.25	4.7%
Fowl Manna Grass	<i>Glyceria striata</i>	0.12	2.2%
Rice Cut Grass	<i>Leersia oryzoides</i>	0.25	4.7%
Grasses Subtotal		0.68	13%
River Bulrush	<i>Bolboschoenus fluviatilis</i>	0.80	15.0%
Lake Sedge	<i>Carex lacustris</i>	0.12	2.2%
Tussock Sedge	<i>Carex stricta</i>	0.06	1.2%
Elliptic Spikerush	<i>Eleocharis elliptica</i>	0.10	1.9%
Great Spike Rush	<i>Eleocharis palustris</i>	0.10	1.9%
Hardstem Bulrush	<i>Schoenoplectus acutus</i>	0.75	14.0%
Three-Square Bulrush	<i>Schoenoplectus pungens</i>	0.25	4.7%
Softstem Bulrush	<i>Schoenoplectus tabernaemontani</i>	0.50	9.4%
Green Bulrush	<i>Scirpus atrovirens</i>	0.12	2.2%
Woolgrass	<i>Scirpus cyperinus</i>	0.06	1.1%
Sedges & Rushes Subtotal		2.86	54%
Sweet Flag	<i>Acorus americanus</i>	0.28	5.2%
Water Plantain	<i>Alisma triviale</i>	0.50	9.4%
Bur Marigold	<i>Bidens cernua</i>	0.12	2.2%
Swamp Candles	<i>Lysimachia terrestris</i>	0.03	0.6%
Blue Monkey Flower	<i>Mimulus ringens</i>	0.02	0.4%
Common Arrowhead	<i>Sagittaria latifolia</i>	0.35	6.6%
Bur Reed	<i>Sparganium americanu</i>	0.50	9.4%
Forbs Subtotal		1.80	34%
Total		5.34	100%

WETLAND PLUGS

Common Name	Scientific Name	Quantity
Lake Sedge	<i>Carex lacustris</i>	150
Tussock Sedge	<i>Carex stricta</i>	150
Common Rush	<i>Juncus effusus</i>	50
Prairie Cordgrass	<i>Spartina pectinata</i>	200
Grasses, Sedges, & Rushes Subtotal		550.00
Great Blue Lobelia	<i>Lobelia siphilitica</i>	40
Turtlehead	<i>Cheilone glabra</i>	40
Joe-Pye Weed	<i>Eutrochium maculatum</i>	50
Blue Flag Iris	<i>Iris versicolor</i>	55
Sensitive Fern	<i>Onoclea sensibilis</i>	40
Purple Meadow Rue	<i>Thalictrum dasycarpum</i>	30
Forbs Subtotal		255.00
Total		805.00

UPLAND SAVANNA PLUGS

Common Name	Scientific Name	Quantity
Prairie Dropseed	<i>Sporobolus heterolepis</i>	40
Grasses, Sedges, & Rushes Subtotal		40.00
Showy Milkweed	<i>Asclepias speciosa</i>	35
Butterfly Milkweed	<i>Asclepias tuberosa</i>	35
Wild Indigo	<i>Baptisia alba</i>	25
False Aster	<i>Boltonia asteroides</i>	40
Tall Sunflower	<i>Helianthus giganteus</i>	25
Prairie Blazing Star	<i>Liatris pycnostachya</i>	40
Forbs Subtotal		200.00
Total		240.00

UPLAND SAVANNA SEED MIX

Common Name	Scientific Name	Rate (lb/ac)	% of Mix (by weight)
Sideoats Grama	<i>Bouteloua curtipendula</i>	1.75	16.2%
Blue Grama	<i>Bouteloua gracilis</i>	0.75	6.9%
Bottlebrush Grass	<i>Elymus hystrix</i>	0.30	2.8%
Little Bluestem	<i>Schizachyrium scoparium</i>	2.50	23.1%
Indian Grass	<i>Sorghastrum nutans</i>	0.75	6.9%
Prairie Dropseed	<i>Sporobolus heterolepis</i>	0.12	1.1%
Porcupine Grass	<i>Stipa spartea</i>	0.09	0.8%
Grasses Subtotal		6.26	58%
Plains Oval Sedge	<i>Carex brevior</i>	0.20	1.8%
Field Oval Sedge	<i>Carex molesta</i>	0.06	0.6%
Sedges & Rushes Subtotal		0.26	2%
Prairie Onion	<i>Allium stellatum</i>	0.12	1.1%
Lead Plant	<i>Amorpha canescens</i>	0.09	0.8%
Pearly Everlasting	<i>Anaphalis margaritacea</i>	0.02	0.1%
Prairie Pussytoes	<i>Antennaria neglecta</i>	0.02	0.2%
Columbine	<i>Aquilegia canadensis</i>	0.04	0.4%
Butterfly weed	<i>Asclepias tuberosa</i>	0.12	1.1%
Whorled Milkweed	<i>Asclepias verticillata</i>	0.02	0.2%
Canada Milk Vetch	<i>Astragalus canadensis</i>	0.10	0.9%
Partridge Pea	<i>Chamaecrista fasciculata</i>	1.20	11.1%
Prairie Coreopsis	<i>Coreopsis palmata</i>	0.04	0.4%
Bastard Toadflax	<i>Comandra umbellata</i>	0.50	4.6%
White Prairie Clover	<i>Dalea candida</i>	0.10	0.9%
Purple prairie clover	<i>Dalea purpureum</i>	0.50	4.6%
Narrow-Leaved Coneflower	<i>Echinacea angustifolia</i>	0.20	1.8%
Flowering Spurge	<i>Euphorbia corollata</i>	0.06	0.6%
Wood Strawberry	<i>Fragaria vesca</i>	0.02	0.2%
Prairie Smoke	<i>Geum triflorum</i>	0.08	0.7%
Western Sunflower	<i>Helianthus occidentalis</i>	0.06	0.6%
Alum-Root	<i>Heuchera richardsonii</i>	0.02	0.2%
Button Blazing Star	<i>Liatris aspera</i>	0.12	1.1%
Wild Lupine	<i>Lupinus perennis</i>	0.50	4.6%
Stiff Goldenrod	<i>Oligoneuron rigidum</i>	0.03	0.3%
Large-flowered Beardtongue	<i>Penstemon grandiflorus</i>	0.04	0.4%
Prairie Phlox	<i>Phlox pilosa</i>	0.03	0.3%
Black-eyed Susan	<i>Rudbeckia hirta</i>	0.04	0.4%
Old Field Goldenrod	<i>Solidago nemoralis</i>	0.02	0.2%
Prairie Spiderwort	<i>Tradescantia bracteata</i>	0.04	0.4%
Golden Alexanders	<i>Zizia aurea</i>	0.19	1.7%
Forbs Subtotal		4.31	40%
Total		10.83	100%

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 3:14 PM CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_CIVIL\2327213500_1_002.DWG

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

PRINTED NAME: MARCY D. BEAN
SIGNATURE: *Marcy D. Bean*
DATE: 02/13/2026 LICENSE # 48430

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	DRM3	MDB3	MDB3	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
BARR ENGINEERING CO.
4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435

PH: 1-800-632-2277
WWW.BARR.COM
MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

CITY OF EDINA
EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
EDINA, MN
RESTORATION DETAILS

BARR PROJECT #	2327213500
DWG #	L002
REV #	0

1.0 GENERAL REQUIREMENTS AND SUBMITTALS

A. GENERAL

- THESE NOTES ARE COMPLEMENTARY TO THE SPECIFICATIONS AND DRAWINGS AND REPRESENT MINIMUM REQUIREMENTS. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
- DO NOT SCALE DRAWINGS.
- THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE AND, EXCEPT WHERE SPECIFICALLY SHOWN, DO NOT INDICATE THE METHOD OR MEANS OF CONSTRUCTION.
- UNLESS NOTED OTHERWISE ON THE PLANS AND/OR IN THE DETAILS, THESE NOTES SHALL APPLY. IF THERE ARE DISCREPANCIES BETWEEN THE PLANS/DETAILS AND THESE NOTES, THE CONTRACTOR MUST CONFORM TO THE MORE STRINGENT REQUIREMENTS, UNLESS CLARIFIED WITH THE STRUCTURAL ENGINEER OF RECORD (EOR) PRIOR TO WORK.
- FOLLOW MANUFACTURER'S INSTRUCTIONS FOR PREPARATION AND INSTALLATION OF PURCHASED MATERIALS AND EQUIPMENT.
- TESTS WILL BE PAID FOR BY THE OWNER; HOWEVER, IN THE EVENT THAT WORK IS DEFECTIVE, THE CONTRACTOR WILL PAY FOR THE TESTS AND ANY ADDITIONAL TESTING AND WORK REQUIRED TO CONFIRM THAT THE DEFECTIVE WORK HAS BEEN CORRECTED AND COMPLIES WITH THIS SPECIFICATION.

B. GOVERNING CODES

- PERFORM WORK IN COMPLIANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL CODES AND REGULATIONS:
 - 2018 INTERNATIONAL BUILDING CODE AND REFERENCED STANDARDS WITH 2020 MINNESOTA BUILDING CODE AMENDMENTS.

C. SUBMITTALS

- PROVIDE SUBMITTALS TO OWNER A MINIMUM OF TWO WEEKS PRIOR TO INCORPORATION INTO THE WORK.
- ENGINEER'S ACCEPTANCE MUST BE SECURED FOR ALL STRUCTURAL SUBSTITUTIONS.
- ENGINEERS' REVIEW OF SHOP DRAWINGS ARE FOR GENERAL CONFORMANCE AND COMPLIANCE WITH DESIGN CONCEPTS, STRUCTURAL DRAWINGS AND SPECIFICATIONS. ANY ACTION NOTED DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS; COORDINATION OF TRADES AND SATISFACTORY PERFORMANCE OF THEIR WORK IS THE CONTRACTOR'S COMPLETE RESPONSIBILITY.
- SHOP DRAWINGS WILL BE MARKED AS "NOT APPROVED (RESUBMIT)" IF CONTRACTOR HAS NOT REVIEWED THEM PRIOR TO SUBMITTING.

D. DESIGN LOADS

- DEAD LOAD:
 - COLLATERAL LOAD = 5 PSF
 - MECHANICAL/PIPING = 10 PSF
- LIVE LOAD:
 - FLOOR LIVE LOAD: LL = 200 PSF
 - HL 93 TRUCK LOADING
- SNOW LOAD:
 - GROUND SNOW (P_g) = 59 PSF
 - IMPORTANCE FACTOR (I) = 1.0
- WIND LOAD:
 - ULTIMATE DESIGN WIND SPEED (3-SECOND GUST) (V_{ult}) = 110 MPH
 - NOMINAL DESIGN WIND SPEED (V_{ASD}) = 85.2 PSF
 - RISK CATEGORY = II
 - EXPOSURE CATEGORY = B
 - INTERNAL PRESSURE COEFFICIENT (GCP_i) = +0.18/-0.18

E. EXISTING CONDITIONS

- PRIOR TO COMMENCING WORK AT THE SITE, CONTACT GOPHER STATE ONE CALL AND HAVE ALL EXISTING UTILITIES FIELD LOCATED AND MARKED. PROTECT EXISTING UTILITIES UNLESS OTHERWISE INDICATED. REPAIR OR REPLACE ANY UTILITIES DAMAGED BY CONTRACTOR AT CONTRACTOR'S EXPENSE.
- VERIFY ALL EXISTING CONDITIONS SHOWN ON DRAWINGS FOR ACCURACY. VERIFICATION OF FIELD DIMENSIONS ARE NOT PART OF THE ENGINEER'S RESPONSIBILITY.
- NOTIFY OWNER IMMEDIATELY IF SITE CONDITIONS OR UTILITIES DIFFER SIGNIFICANTLY FROM THAT SHOWN.
- DO NOT DISTURB EXISTING VEGETATION AREAS OUTSIDE OF CONSTRUCTION LIMITS.

F. SAFETY

- CONTRACTOR IS SOLELY RESPONSIBLE FOR JOB-SITE CONDITIONS AND SAFETY PROCEDURES AND PROGRAMS. THIS REQUIREMENT APPLIES CONTINUOUSLY AND IS NOT LIMITED TO NORMAL WORKING HOURS.
- MEET ALL FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS PERTAINING TO SAFETY, INCLUDING OSHA AND MN OSHA RULES.
- SECURE THE SITE FOR PUBLIC SAFETY FOR THE DURATION OF THE WORK.

G. PHASING

- COORDINATE CONSTRUCTION PHASING WITH OWNER. COORDINATE CONSTRUCTION LIMITS FOR ALL PHASES OF WORK.
- PHASE WORK TO MINIMIZE EXPOSED SOIL AND EROSION POTENTIAL.

H. GEOTECHNICAL INFORMATION

- FOUNDATION DESIGN IS BASED ON THE PRESCRIPTIVE ALLOWABLE BEARING PRESSURE PER THE IBC.
- FOUNDATION DESIGN
 - ALLOWABLE SOLID BEARING: 2000 PSF

2.0 POST-INSTALLED CONCRETE ANCHORS AND REBAR

EMBEDMENT & SPLICE LAP TABLES - 4000 OR GREATER PSI								
BAR SIZE	BASIC TABLE				ALTERNATE TABLE			
	MIN EMBEDMENT LENGTHS, INCHES CLASS A		MIN LAP LENGTHS, INCHES CLASS B		MIN EMBEDMENT LENGTHS, INCHES CLASS A		MIN LAP LENGTHS, INCHES CLASS B	
	TOP	OTHER	TOP	OTHER	TOP	OTHER	TOP	OTHER
#3	18	14	24	28	12	12	16	12
#4	25	15	32	25	15	12	19	15
#5	31	24	40	31	18	14	24	18
#6	37	28	48	37	22	17	29	22
#7	54	42	70	54	32	25	42	32

NOTES:

- USE THE BASIC TABLE IF ALL THE FOLLOWING CONDITIONS ARE MET:
 - CENTER TO CENTER BAR SPACING LATERALLY IS AT LEAST 3 BAR DIAMETERS
 - DISTANCE FROM THE CENTER OF A BAR TO THE NEAREST CONCRETE SURFACE MUST BE AT LEAST 1.5 BAR DIAMETERS
- THE ALTERNATE TABLE MAYBE USED IF ALL OF THE FOLLOWING CONDITIONS ARE MET:
 - CENTER TO CENTER BAR SPACING LATERALLY IS AT LEAST 5 BAR DIAMETERS.
 - DISTANCE FROM THE CENTER OF A BAR TO THE NEAREST CONCRETE SURFACE MUST BE AT LEAST 2.5 BAR DIAMETERS.
- IF CONCRETE COVER OR EDGE DISTANCE IS LESS THAN 1 BAR DIAMETER OR THE CENTER TO CENTER BAR SPACING LATERALLY IS LESS THAN 3 BAR DIAMETERS, SEE ACI 318 FOR APPROPRIATE GUIDANCE.
- TOP BARS ARE HORIZONTAL AND BARS INCLINED LESS THAN 45 DEGREES WITH RESPECT TO A HORIZONTAL PLANE WHICH ARE PLACED SUCH THAT MORE THAN 12 INCHES OF CONCRETE IS CAST IN THE MEMBER BELOW THE BAR.
- THE TABLES SHOWN ARE FOR NORMAL WEIGHT CONCRETE AND UNCOATED REINFORCING BARS. IF EPOXY COATED BARS ARE USED, SEE ACI 318 FOR ADDITIONAL CONSIDERATIONS.

3.0 STATEMENT OF SPECIAL INSPECTION

A. GENERAL

- SPECIAL INSPECTIONS ARE REQUIRED IN ACCORDANCE WITH THE 2018 IBC CHAPTER 17. OWNER SHALL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR, WHO SHALL PROVIDE ALL SERVICES NECESSARY TO MEET THE IBC SPECIAL INSPECTION REQUIREMENTS.
- SPECIAL INSPECTIONS SHALL BE PROVIDED DURING ALL FABRICATION AND CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE FOLLOWING NOTES AND SCHEDULES.

B. DEFINITIONS

- REFER TO SECTION 1702 AND CHAPTER 2 OF THE 2018 IBC FOR DEFINITIONS OF TERMS APPLICABLE TO SPECIAL INSPECTIONS AND STRUCTURAL OBSERVATIONS.

4.0 CONCRETE CONSTRUCTION

A. GENERAL

- CONCRETE DESIGN, MATERIALS, PLACEMENT, CURING, TESTING, AND ACCEPTANCE SHALL BE IN ACCORDANCE WITH DIVISION 03 - CONCRETE, UNLESS NOTED OTHERWISE ON THE DRAWINGS.

B. CONCRETE PROPERTIES

- FOOTINGS AND WALLS:
 - SPECIFIED COMPRESSIVE STRENGTH: f_c = 4,000 PSI AT 28 DAYS
 - MAXIMUM WATER-CEMENTITIOUS RATIO (w/cm): 0.50
 - EXPOSURE CLASSES: F1, S1, W1, C1
- SLAB:
 - SPECIFIED COMPRESSIVE STRENGTH: f_c = 4,500 PSI AT 28 DAYS
 - MAXIMUM WATER-CEMENTITIOUS RATIO (w/cm): 0.45
 - EXPOSURE CLASSES: F2, S1, W1, C1

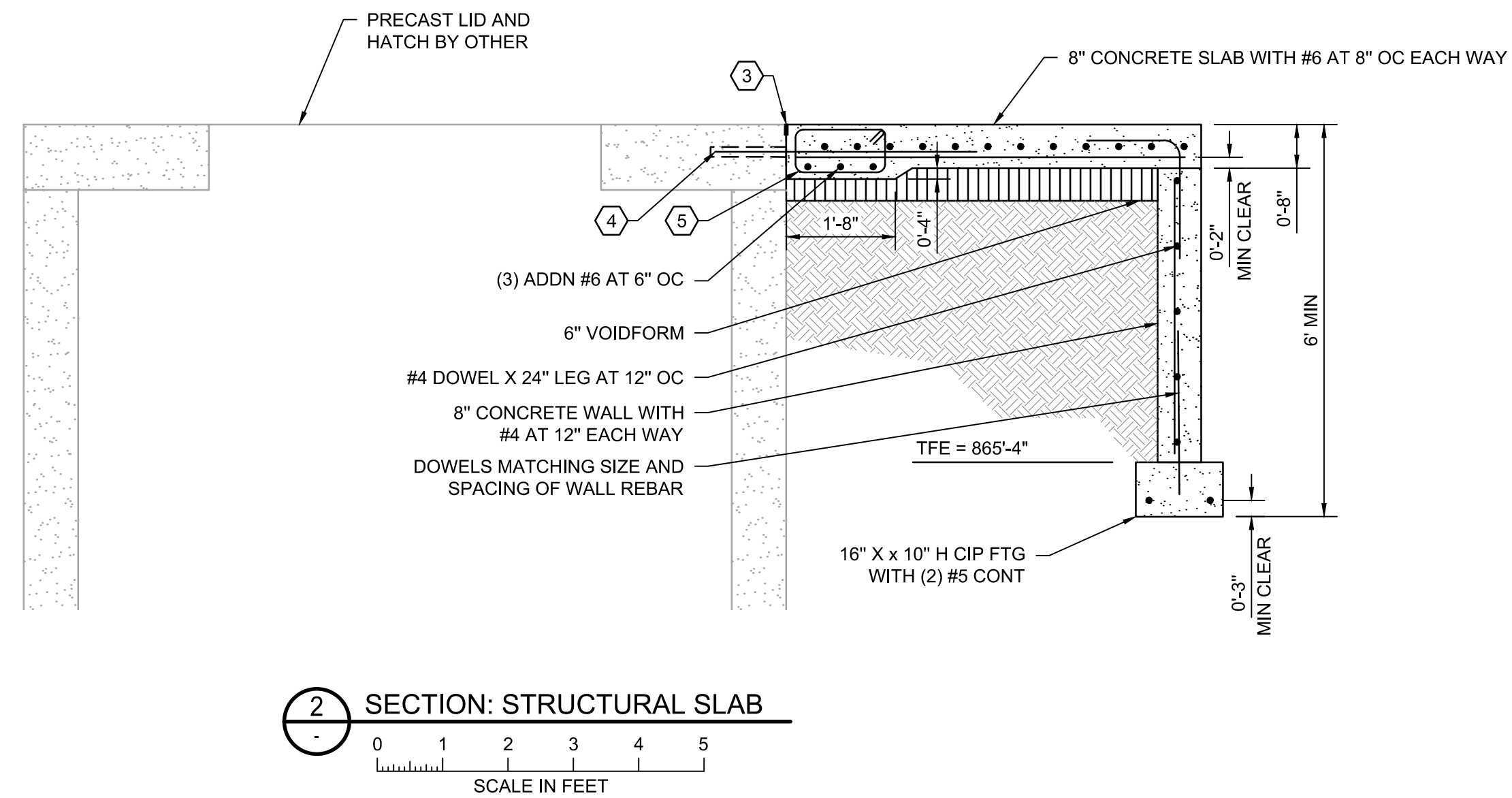
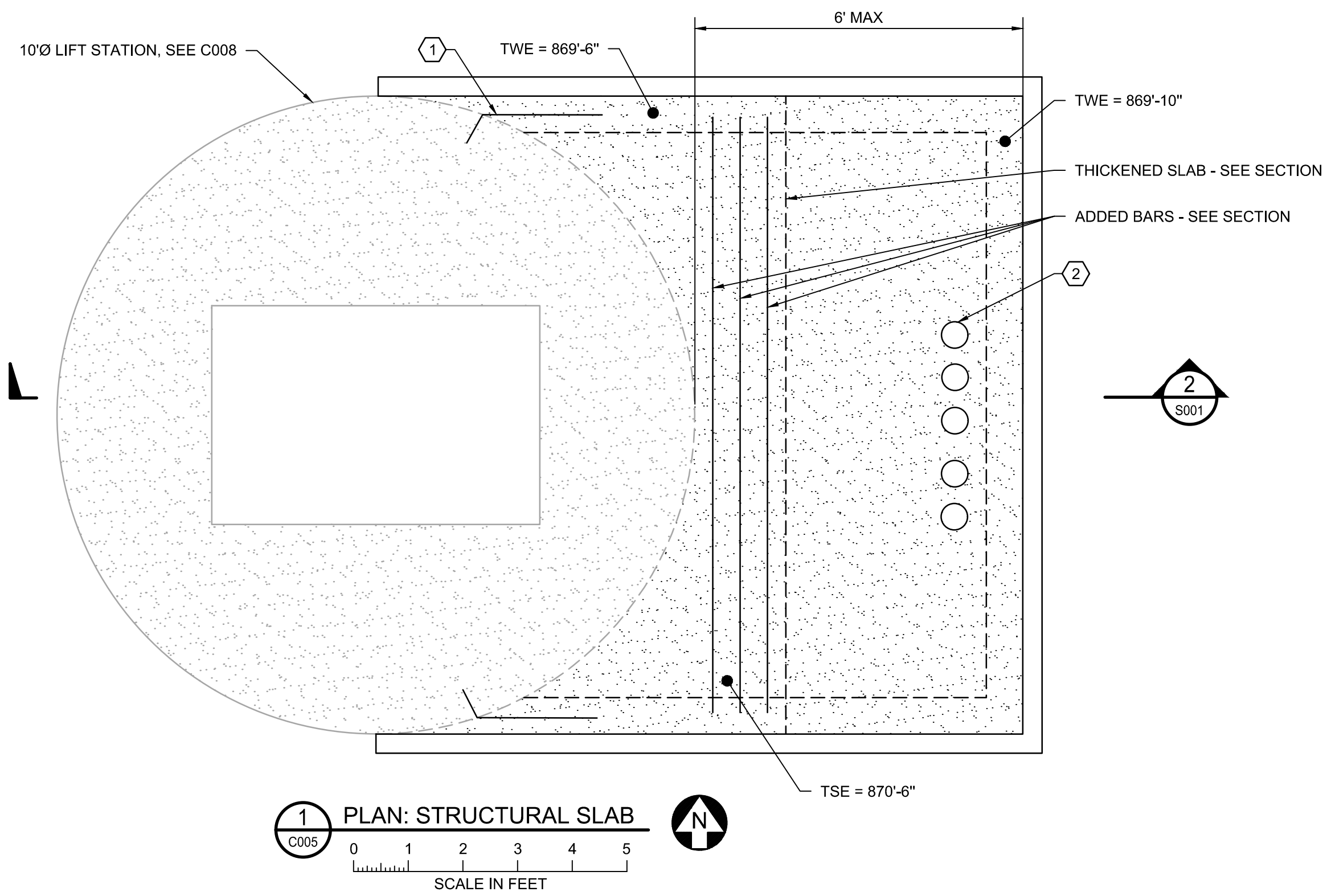
C. REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION

- THE SPECIAL INSPECTIONS AND VERIFICATIONS FOR CONCRETE CONSTRUCTION SHALL BE REQUIRED BY IBC 2018 SECTION 705.3.

5.0 SOILS AND FOUNDATIONS

A. REQUIRED VERIFICATION AND INSPECTION OF SOILS

- SPECIAL INSPECTIONS FOR EXISTING SITE SOIL CONDITIONS, FILL PLACEMENT AND LOAD-BEARING REQUIREMENTS SHALL BE AS REQUIRED BY IBC 2018 SECTION 1705.6.



NOTES:

- EQUIPMENT SUPPORT DESIGN BASED ON PRELIMINARY EQUIPMENT DRAWINGS AND MAY BE SUBJECT TO CHANGE PENDING RECEIPT OF CERTIFIED EQUIPMENT DRAWINGS, REACTION REPORTS, AND OTHER RELEVANT VENDOR INFORMATION.
- CONTRACTOR SHALL COORDINATE AND VERIFY FINAL EQUIPMENT LOCATIONS, ANCHORAGE DETAILS, PAD TOLERANCES, PERFORMANCE, AND INSTALLATION REQUIREMENTS WITH EQUIPMENT MANUFACTURER INSTRUCTION PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL PROVIDE CERTIFIED EQUIPMENT DRAWINGS TO FABRICATOR FOR DIMENSION VERIFICATION OF EQUIPMENT OF ANY DISCREPANCIES WITH BASIS OF DESIGN EQUIPMENT INFORMATION OR DESIGNATED SUPPORT LOCATIONS.
- TOP OF PRECAST WE WELL LID ELEVATION - SEE C008. SEE CIVIL FOR TOP OF EXTERIOR SLAB ON GRADE ELEVATIONS AND SLOPES.
- MAINTAIN A MINIMUM OF 72\"/>

KEYED NOTES: (K)

- #5 MATCHING SPACING AND LOCATION OF STEM WALL BARS - EMBED TO PRECAST WET WELL 6\"/>

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 11:59 AM
CADD USER: JACK A. METTLACH FILE: \\DESIGN\2327213500_CIVIL\2327213500_S001.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: CHARLIE R. VERMACE
SIGNATURE: *Charlie R. Vermace*
DATE: 02/13/2026 LICENSE #: 58689

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	SAF	JAM6	CRV	02/13/2026	ISSUED FOR CONSTRUCTION

BARR
BARR ENGINEERING CO.
4300 MARKETPOINTE DRIVE
SUITE 200
MINNEAPOLIS, MN 55435
PH: 1-800-632-2277
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MINNESOTA ENGINEERING FIRM
NUMBER 1010411545

CITY OF EDINA
EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
EDINA, MN
STRUCTURAL
SLAB PLAN AND DETAILS

BARR PROJECT #	2327213500
DWG #	S001
REV #	0

LUMINAIRE & DEVICE LEGEND

LETTER DESIGNATES FIXTURE TYPE. SEE FIXTURE SCHEDULE		WALL MOUNTED LUMINAIRE. ALL LUMINAIRES: LOWERCASE LETTER INDICATES SWITCH/LEG
NUMBER DESIGNATES BRANCH CIRCUIT		POLE MOUNTED LUMINAIRE, WITH WP GFI OUTLET.
		GROUND-MOUNTED BUILDING SIGN FLOODLIGHT.
		GROUND-MOUNTED LANDSCAPE LIGHTING.
		LUMINAIRE.
		LUMINAIRE.
		EMERGENCY FIXTURE. AIM FOR MAXIMUM COVERAGE OF EGRESS PATHS.
		HAZARDOUS LOCATION FIXTURE, WITH RATING PER LIGHT FIXTURE SCHEDULE.
		STANCHION MOUNTED LUMINAIRE.
		COMBINATION EXIT WITH HEADS. ARROWS, IF ANY, INDICATE CHEVRON ARROWS WHERE REQUIRED. AIM HEADS FOR MAXIMUM COVERAGE OF EGRESS PATHS.
		SWITCH WITH NO MARKING IS SINGLE POLE, 2P=DOUBLE POLE, 3 IS 3way, 4=4way, M=MOTOR RATED DISC SW, D=DIMMER, SMALL LETTER INDICATES SWITCH LEG.
		TELEPHONE/DATA OUTLET (OR PROVISION). V=VOICE LINE, D=DATA. 4"x 4" DEEP BOX W/ SINGLE GANG MUD RING & 1" CONDUIT TO DESTINATION.
		OCCUPANCY SENSOR FOR LIGHTING CONTROL. WALL-MOUNTED, ARROW INDICATES DIRECTIONALITY. SEE SPECIFICATION FOR TYPE.
		OCCUPANCY SENSOR FOR LIGHTING CONTROL. CEILING-MOUNTED, SEE SPECIFICATION FOR TYPE.
		DAYLIGHT SENSOR, SEE SPECIFICATIONS.
		DUPLEX CONVENIENCE RECEPTACLE. NUMERAL INDICATES BRANCH CIRCUIT, INCHES ABOVE FLOOR IF OTHER THAN PER SPECIFICATION. TEXT INDICATES SPECIAL CONDITIONS: WP=WEATHERPROOF, GFI=GROUND FAULT INTERRUPTER, EP=EXPLOSIONPROOF, ISO=ISOLATED GROUND. TYPICAL.
		DOUBLE DUPLEX CONVENIENCE RECEPTACLE.
		SURFACE OR WALL JUNCTION BOX.
		SURFACE OR WALL THERMOSTAT.
		FIRE ALARM DAMPER SUPERVISORY CONNECTION.
		FIRE ALARM FLOW SWITCH CONNECTION.
		FIRE ALARM TAMPER SWITCH CONNECTION.
		FIRE ALARM MANUAL STATION.
		SPECIAL PURPOSE RECEPTACLE. NEMA CONFIGURATION DEVICE AND HOMERUN SIZE WHERE INDICATED.
		MOTOR, PROVIDE DISCONNECT AS INDICATED. MD=MOTORIZED DAMPER.
		EQUIPMENT CONNECTION, AS NOTED ON DRAWINGS
		DISCONNECT SWITCH IN NEMA ENCLOSURE
		COMBINATION STARTER IN NEMA ENCLOSURE
		STRUT MOUNTING STAND, SHOWN W/ DISC AND CONTROL STATION. SEE TYPICAL MOUNTING DETAIL.
		ELECTRICAL PANEL. SEE PANEL SCHEDULE.
		CIRCUITRY - EXPOSED, SURFACE MOUNTED
		CIRCUITRY - BELOW GRADE OR UNDERFLOOR
		CIRCUITRY - CONCEALED IN WALLS OR CEILING
		SOLID SLASHES INDICATE NUMBER OF #12 AWG WIRES IN CONDUIT. i INDICATES AN INSULATED GROUND CONDUCTOR, 'N' INDICATES OVERSIZED NEUTRAL CONDUCTOR (#10AWG).
		EXISTING CIRCUITRY

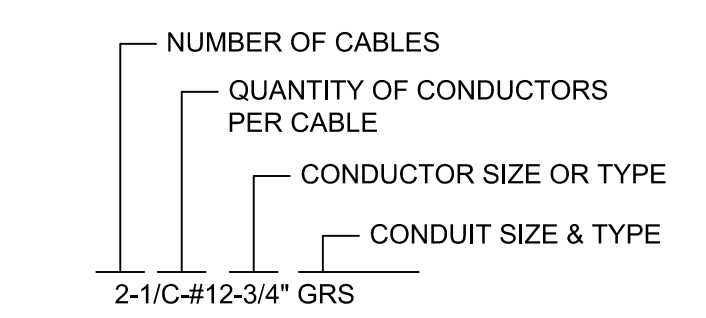
SCHEMATIC SYMBOLS

	PRESS TO TEST LAMP-LETTER DENOTES COLOR
	SELECTOR SWITCH
	TORQUE SWITCH - NC, NO
	SHEAR PIN SWITCH - NC, NO
	CIRCUIT BREAKER
	MAGNETIC TRIP
	THERMAL TRIP
	RUNNING TIME METER
	CONTACT - NC, NO
	OPERATING COIL. LETTER OR NUMBER DENOTES DEVICE
	PLUG AND RECEPTACLE
	PUSHBUTTON CONTACT - NC, NO
	PUSHBUTTON SWITCH, MUSHROOM HEAD - NC, NO
	DOUBLE CIRCUIT PUSHBUTTON SWITCH
	MAINTAINED CONTACT PUSHBUTTON SWITCH
	ENERGIZED TIMER CONTROL - NC, NO
	DE-ENERGIZED TIMER CONTROL - NC, NO
	FLOW SWITCH - NC, NO
	LIQUID LEVEL SWITCH - NC, NO
	TEMPERATURE SWITCH - NC, NO
	PRESSURE SWITCH - NC, NO
	LIMIT SWITCH - NC, NO
	FUSE
	DISCONNECT SWITCH
	FUSED SWITCH
	GROUND CONNECTION
	CHASSIS GROUND
	INDICATING LIGHT - LETTER DENOTES COLOR
	CONTROL TRANSFORMER
	THERMAL OVERLOAD TRIP UNITS
	STABS
	DEVICE MOUNTED IN MOTOR CONTROL CENTER (MCC)
	DEVICE MOUNTED IN FIELD
	DEVICE MOUNTED IN CONTROL PANEL

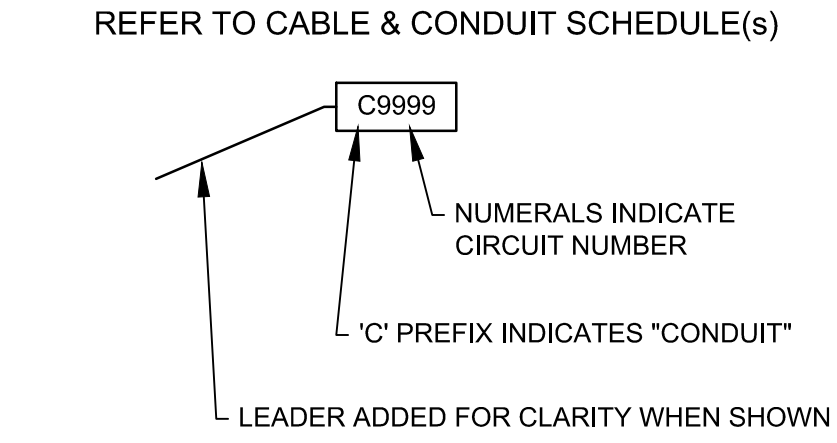
ONE-LINE DIAGRAM SYMBOLS

	AIR CIRCUIT BREAKER - DRAW OUT TYPE WITH OPERATING MECHANISM
	DISCONNECT SWITCH
	FUSED SWITCH
	LIGHTNING ARRESTER - GENERAL
	FUSE - NUMBER DENOTES RATING
	GROUND CONNECTION
	CONTROL OR INSTRUMENT SWITCH - LETTERS DENOTES FUNCTION
	RELAY OR CONTROL DEVICE - NUMBER DENOTES FUNCTION, AMERICAN NATIONAL STANDARD (ANSI)
	POTENTIAL TRANSFORMER - DRAW OUT TYPE WITH PRIMARY FUSES
	CURRENT TRANSFORMER
	CONTROL STATION
	INSTRUMENT - LETTER DENOTES TYPE
	INDICATING LIGHT - LETTER DENOTES COLOR
	MOTOR - NUMBER DENOTES HORSEPOWER
	MOTOR CIRCUIT PROTECTOR (MCP)
	MOLDED CASE CIRCUIT BREAKER
	CONTROL TRANSFORMER
	RUNNING TIME METER
	THERMAL OVERLOAD TRIP UNITS
	STABS
	POWER TRANSFORMER
	SURGE CAPACITORS
	POWER FACTOR CAPACITORS WITH FUSING AND INDICATING LIGHTS
	RELAY WITH SHORTING CONTACTS

CIRCUIT LEGEND



CIRCUIT DESIGNATOR



ABBREVIATIONS

A	AMPERES	M	MOTOR STARTER OPERATING COIL
ACK	ACKNOWLEDGE	MAX	MAXIMUM
AFF	ABOVE FINISHED FLOOR	MCM	THOUSAND CIRCULAR MILS
AFG	ABOVE FINISH GRADE	MCP	MOTOR CIRCUIT PROTECTOR
AM	AMMETER	MECH	MECHANICAL
ANN	ANNUNCIATOR	MFR	MANUFACTURER
AS	AMMETER SWITCH	MH	METAL HALIDE
AWG	AMERICAN WIRE GAGE	MIN	MINUTE OR MINIMUM
BKR	BREAKER	MTD	MOUNTED
BLDG	BUILDING	NF	NON-FUSED
C	CONDUIT	NC	NORMALLY CLOSED
CKT	CIRCUIT	NO	NORMALLY OPEN
CL	CENTER LINE	NTC	NOT CONNECTED
CO	CONVENIENCE OUTLET	OL(S)	OVERLOAD RELAY CONTACT(S)
CONN	CONNECTIONS	PF	POWER FACTOR
CONTR	CONTRACTOR	PVC	POLYVINYLCHLORIDE CONDUIT
CP	CONTROL PANEL	REQ'D	REQUIRED
CPT	CONTROL POWER TRANSFORMER	RS	RIGID STEEL CONDUIT
CS	CONTROL STATION	RTM	RUNNING TIME METER
CT	CURRENT TRANSFORMER	SDS	SPECIFIED IN OTHER DIVISION OF SPECIFICATIONS
CU	COPPER	SE	SERVICE ENTRANCE
DE	DUAL ELEMENT	SEC	SECOND OR SECONDARY
DISC	DISCONNECT	SIG	SIGNAL
DP	DISTRIBUTION PANEL	SOL Vv	SOLENOID VALVE
ELEC	ELECTRICAL	SP	SINGLE POLE
EMT	ELECTRICAL METALLIC TUBING	SPECS	SPECIFICATIONS
EP	EXPLOSION PROOF	SSNR	"SOFT START" NON-REVERSING
EQUIP	EQUIPMENT	SSR	"SOFT START" REVERSING
EWC	ELECTRIC WATER COOLER	SW	SWITCH
F & I	FURNISH AND INSTALL	S.S.	STAINLESS STEEL (TYPE 316)
FU	FUSE OR FUSIBLE	TD	TIME DELAY
GFI	GROUND FAULT INTERRUPTER	TEMP	TEMPERATURE
GND	GROUND	T'STAT	THERMOSTAT
GRS	GALVANIZED RIGID STEEL CONDUIT	UH	UNIT HEATER
HD	HEAVY DUTY	U.N.O.	UNLESS NOTED OTHERWISE
HP	HORSEPOWER	V	VOLTS
HPS	HIGH PRESSURE SODIUM	VM	VOLTMETER
HTR	HEATER	VS	VOLTMETER SWITCH
HZ	HERTZ (CYCLES/SECOND)	Vv	VALVE
IMC	INTERMEDIATE METAL CONDUIT	VFD	VARIABLE FREQUENCY DRIVE
INCAND	INCANDESCENT	W	WATTS OR WIRE
IND	INDICATING OR INDICATOR	W/	WITH
JB	JUNCTION BOX	WHM	WATT-HOUR METER
J-BOX	JUNCTION BOX	WM	WATT METER
kVA	KILOVOLT-AMPERES	WW	WIREWAY
kVAR	KILOVOLT-AMPERES REACTIVE	WP	WEATHERPROOF
kW	KILOWATTS	XDCR	TRANSDUCER
LT	LIGHT	XFMR	TRANSFORMER
LMF	LIQUID-TIGHT METALLIC CORE FLEXIBLE CONDUIT	XFR	TRANSFER

COLORS

A	AMBER	O	ORANGE
BK	BLACK	R	RED
BR	BROWN	V	VIOLET
BU	BLUE	W	WHITE
GRN	GREEN	Y	YELLOW
GY	GRAY		

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/13/2026 3:08 PM CADD USER: JACK A. METLACH FILE: M:\DESIGN\2327213500_ELECTRICAL\2327213500_E001.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: NEIL A. OFTELIE
 SIGNATURE:
 DATE: 02/13/2026 LICENSE #: 61655

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	CML2	ZMN	NAO	02/13/2026	ISSUED FOR CONSTRUCTION

BARR ENGINEERING CO.
 4300 MARKETPOINTE DRIVE
 SUITE 200
 MINNEAPOLIS, MN 55435

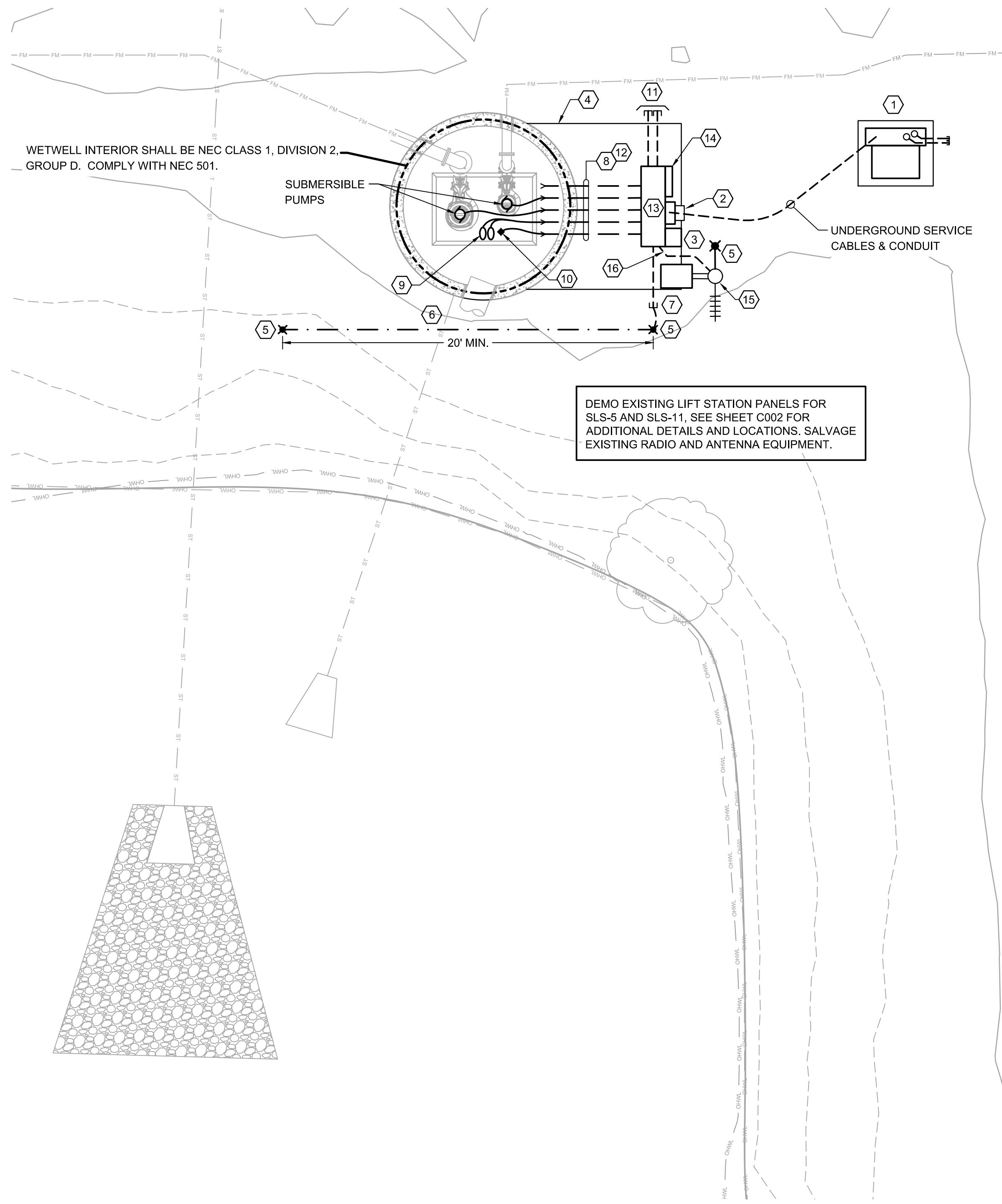
PH: 1-800-632-2277
 WWW.BARR.COM
 MINNESOTA ENGINEERING FIRM
 NUMBER 1010411545

CITY OF EDINA
 EDINA, MINNESOTA

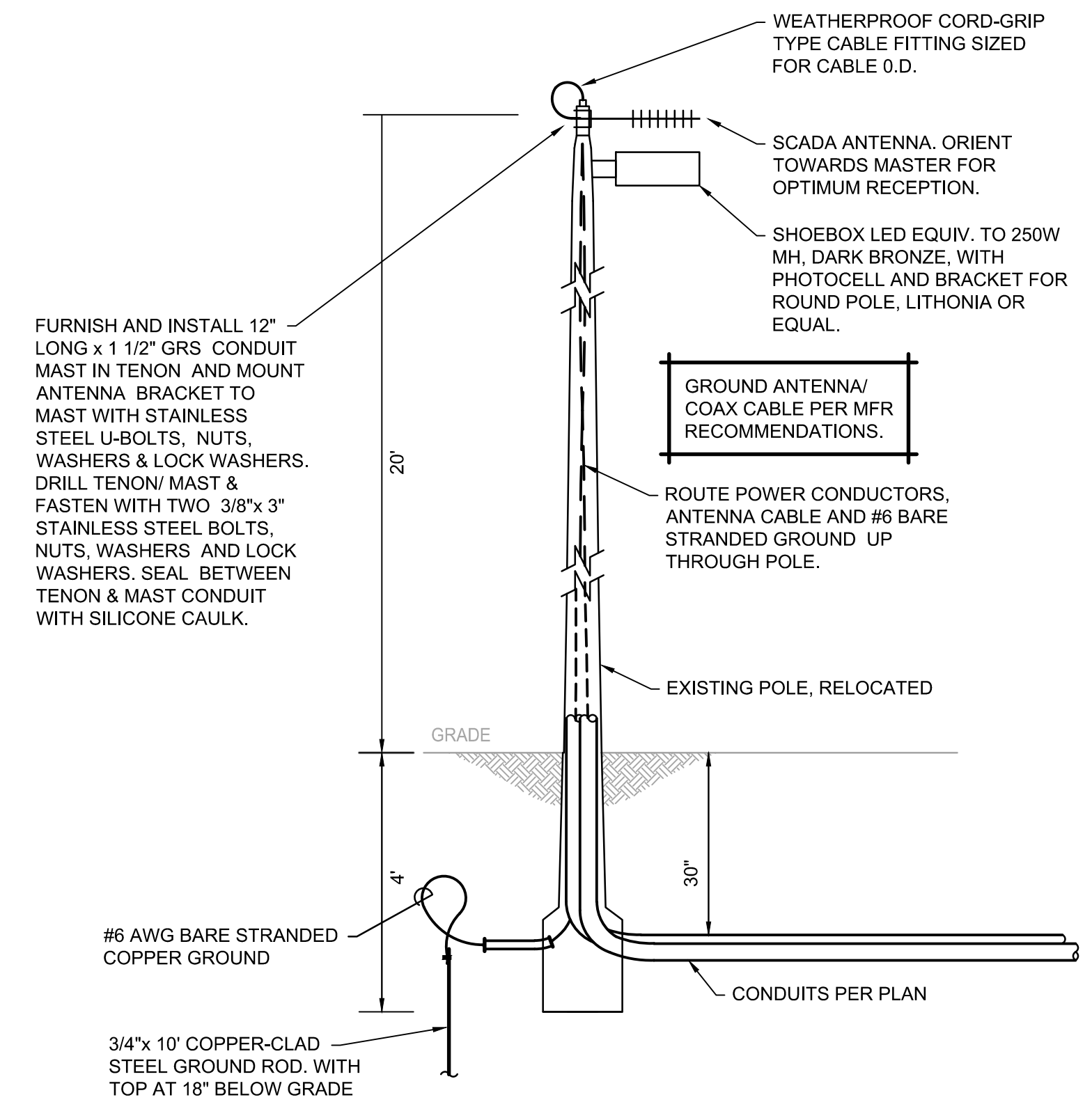
CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 ELECTRICAL
 SYMBOLS & ABBREVIATIONS

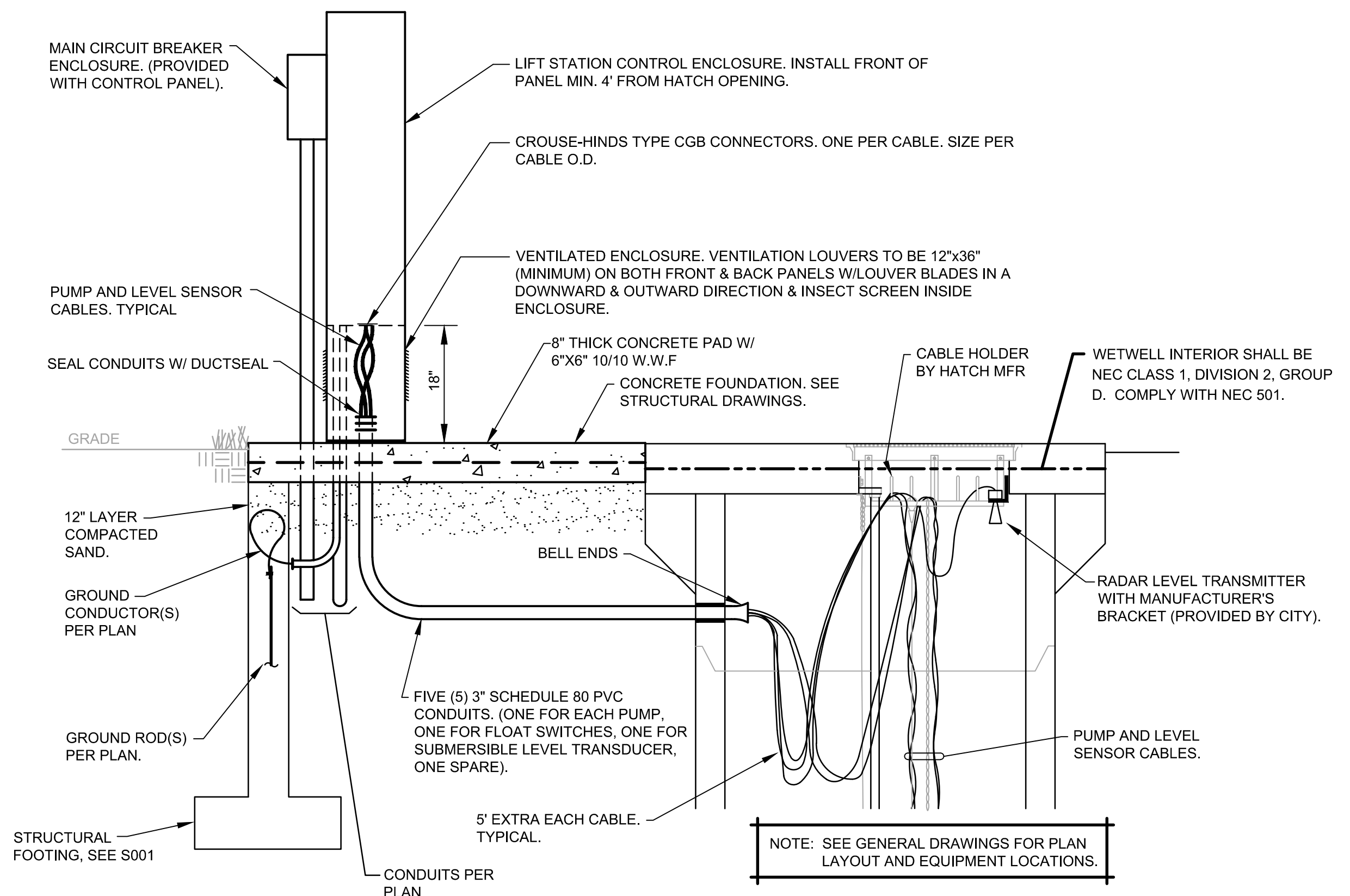
BARR PROJECT #	2327213500
DWG #	E001
REV #	0



1 PLAN: ELECTRICAL LIFT STATION SITE
SCALE IN FEET



1 SCADA ANTENNA/LUMINAIRE DETAIL
NO SCALE



2 SECTION: PUMP STATION
NO SCALE

- NOTES:
- CONDUCT WORK SO THAT EXISTING LIFT STATION REMAINS IN OPERATION. COORDINATE ALL OUTAGES AND CUTOVERS WITH OWNER AND ENGINEER IN ADVANCE, AND ONLY TO OCCUR AT TIMES APPROVED BY OWNER. SEE SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
 - FIELD CONFIRM LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES, CABLES, CONDUITS, ETC. PRIOR TO CONSTRUCTION. CONTRACTOR SHALL REPAIR ALL SUCH ITEMS AT NO EXTRA COST IF DAMAGED BY CONTRACTOR.
 - ELECTRONICALLY LOCATE ALL PRIVATE UNDERGROUND LINES IN AREAS THAT WILL BE DISTURBED. PROTECT ALL EXISTING UNDERGROUND FACILITIES.
 - FIELD CONFIRM ALL CONDUIT ROUTES WITH ENGINEER.
 - USE DIRECTIONAL BORING OR SIMILAR METHOD FOR NEW CONDUITS TO BE INSTALLED UNDER EXISTING SIDEWALKS AND PAVEMENTS. WHERE PITS ARE OPENED, RESTORE ALL SURFACES TO MATCH EXISTING.
 - CORE DRILL STRUCTURES AS REQUIRED FOR NEW CONDUIT INSTALLATION.
 - RESTORE ALL SURFACES DISTURBED BY THIS WORK.

- KEYED NOTES: (#)
- NEW UTILITY TRANSFORMER AND TRANSFORMER PAD, COORDINATE SERVICE AND LOCATION WITH XCEL ENERGY. SEE 26 20 00 FOR ADDITIONAL DETAILS. PROVIDE (2) 3" CONDUIT STUBS FOR UTILITY PRIMARY, CAP UNUSED STUB.
 - UTILITY METER. COORDINATE REQUIREMENTS AND EXACT MOUNTING LOCATION WITH UTILITY AND PANEL SUPPLIER.
 - MAIN CIRCUIT BREAKER ENCLOSURE.
 - REINFORCED CONCRETE FOUNDATION. SEE PUMP STATION SECTION.
 - 3/4" X 10' COPPER-CLAD GROUND ROD WITH EXOTHERMIC WELD TO CONDUCTOR(S) SHOWN. SET TOP 12" DEEP.
 - #4 AWG BARE STRANDED COPPER GROUND CONDUCTOR, 12" DEEP.
 - STUB 1.25" SCHEDULE 80 PVC CONDUIT FOR GROUND.
 - FIVE (5) 3" SCHEDULE 80 PVC CONDUITS FOR PUMP AND LEVEL SENSOR CABLES. SEE LIFT STATION SECTION.
 - FLOAT SWITCHES WITH STAINLESS STEEL CABLE AND WEIGHT ASSEMBLY. PROVIDE STAINLESS STEEL HANGER BRACKET BELOW HATCH, SECURED WITH ALL STAINLESS STEEL HARDWARE. FLOAT SWITCHES PROVIDED BY OWNER.
 - RADAR LEVEL TRANSMITTER WITH STAINLESS STEEL CABLE AND WEIGHT ASSEMBLY. PROVIDE STAINLESS STEEL HANGER BRACKET BELOW HATCH, SECURED WITH ALL STAINLESS STEEL HARDWARE.
 - STUB TWO (2) SPARE 2" SCHEDULE 80 PVC CONDUITS FOR FUTURE USE. CAP ENDS. CONFIRM LOCATION WITH OWNER.
 - SEE SCHEMATICS FOR CABLE AND CONDUIT REQUIREMENTS.
 - PUMP STATION CONTROL PANEL.
 - OPTI-RTC CONTROL PANEL, MOUNTED TO BACK OF PUMP STATION CONTROL PANEL.
 - RELOCATE EXISTING LIGHT AND ANTENNA POLE. SEE DETAIL. FIELD VERIFY FINAL LOCATION WITH OWNER AND ENGINEER DURING CONSTRUCTION.
 - TWO (2) 1.5" SCHEDULE 80 PVC CONDUITS TO LIGHT/ANTENNA POLE. SEE SCHEMATICS FOR ADDITIONAL REQUIREMENTS.

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/12/2026 6:38 PM
CADD USER: CHAD LACOSE FILE: M:\DESIGN\2272135.00\ ELECTRICAL\2327213500_E002.DWG

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

PRINTED NAME: NEIL A. OFTELIE
SIGNATURE: *Neil A. Oftelie*
DATE: 02/13/2026 LICENSE # 61655

#	BY	CHK	APP	DATE	RELEASE/REVISION DESCRIPTION
0	CML2	ZMN	NAO	02/13/2026	ISSUED FOR CONSTRUCTION

BARR

BARR ENGINEERING CO. PH: 1-800-632-2277
4300 MARKETPOINTE DRIVE WWW.BARR.COM
SUITE 200 MINNESOTA ENGINEERING FIRM
MINNEAPOLIS, MN 55435 NUMBER 10104111545

CITY OF EDINA
EDINA, MINNESOTA

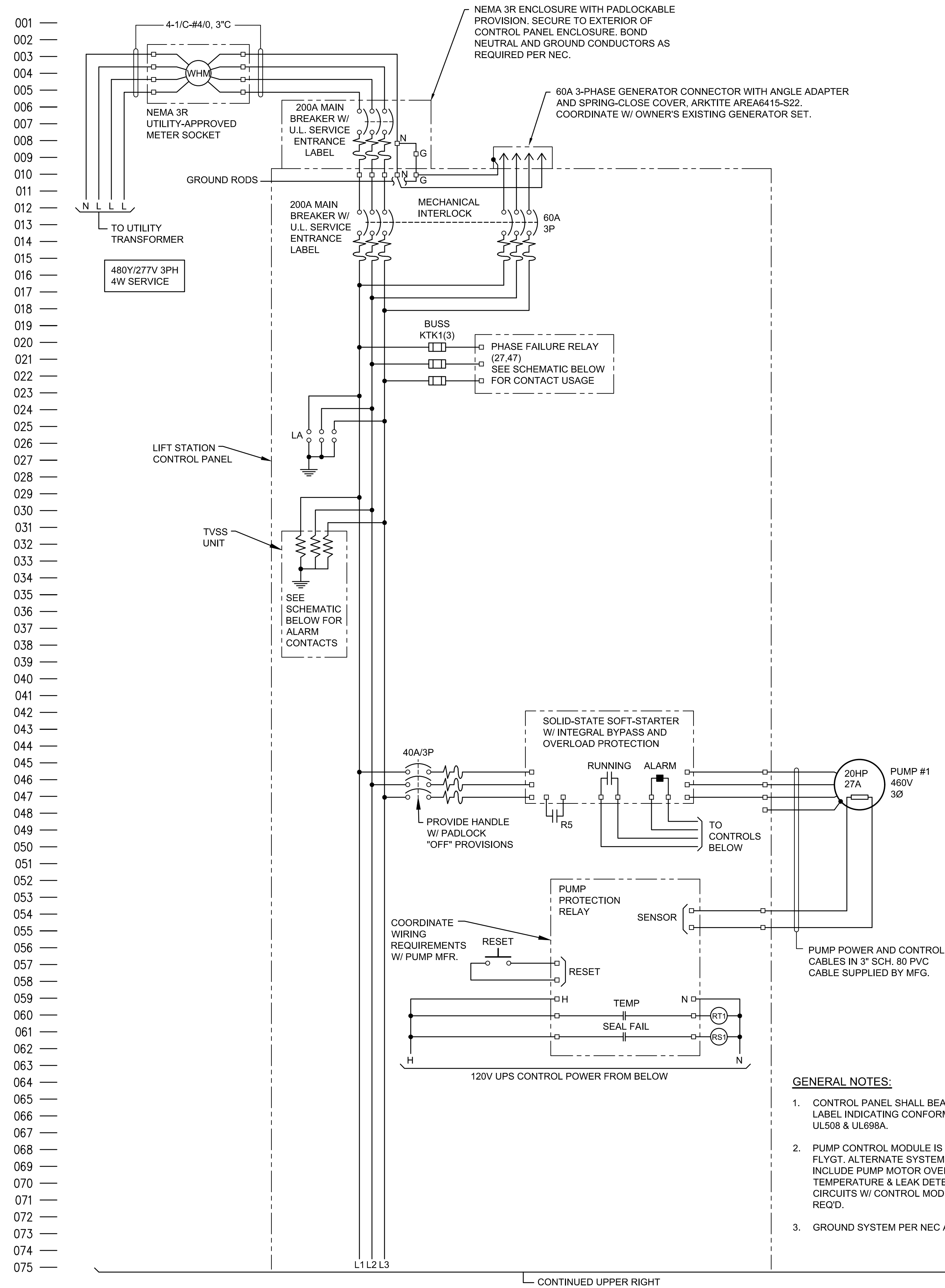
CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
EDINA, MN
ELECTRICAL
LIFT STATION SITE PLAN

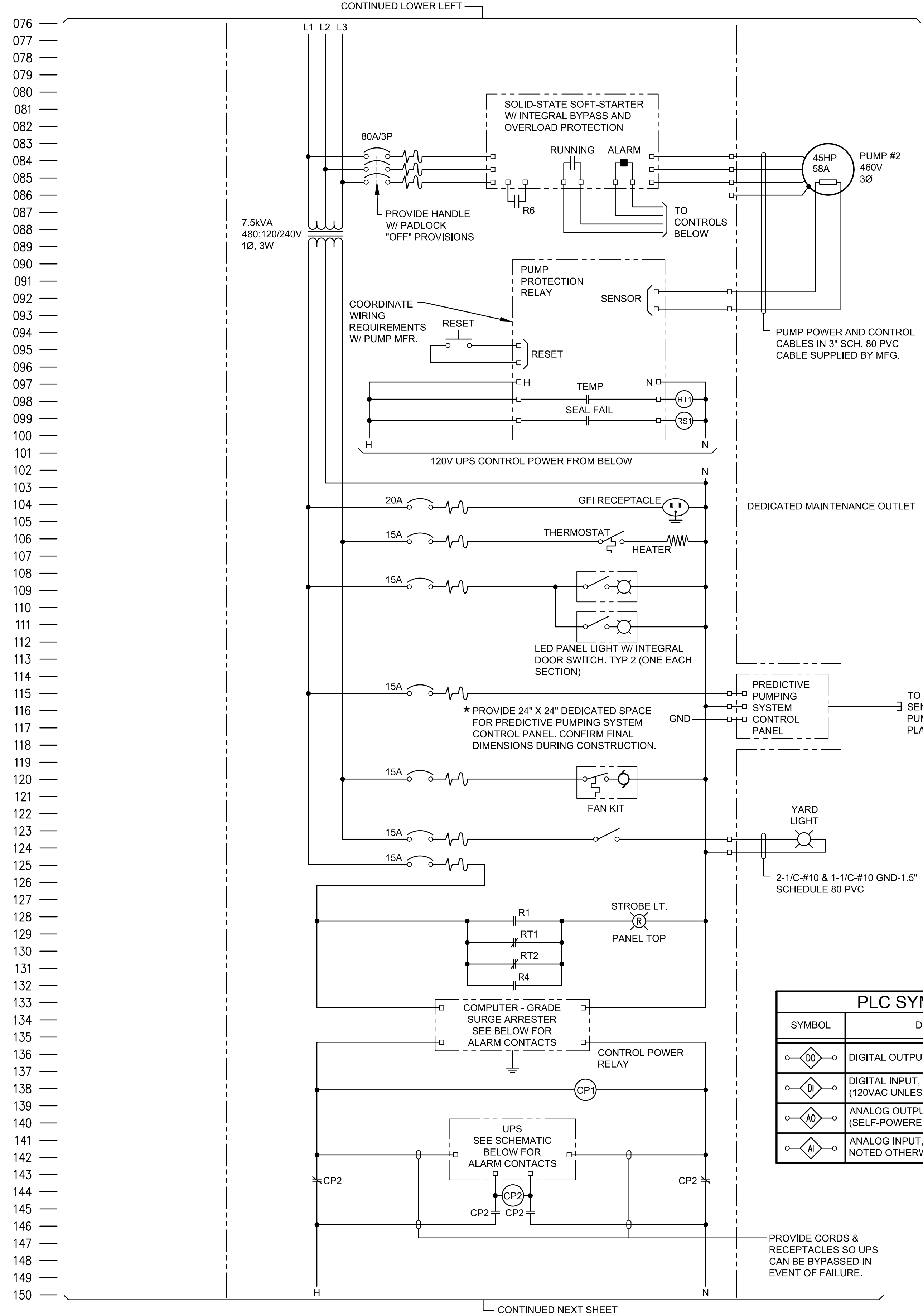
BARR PROJECT # 2327213500

DWG # E002

REV # 0



- GENERAL NOTES:**
- CONTROL PANEL SHALL BEAR SERIALIZED LABEL INDICATING CONFORMANCE W/ UL508 & UL698A.
 - PUMP CONTROL MODULE IS BASED ON FLYGT. ALTERNATE SYSTEMS SHALL INCLUDE PUMP MOTOR OVER TEMPERATURE & LEAK DETECTION CIRCUITS W/ CONTROL MODIFICATIONS AS REQ'D.
 - GROUND SYSTEM PER NEC ARTICLE 250.



PLC SYMBOLS	
SYMBOL	DESCRIPTION
	DIGITAL OUTPUT (CONTACT)
	DIGITAL INPUT, REMOTELY POWERED (120VAC UNLESS NOTED OTHERWISE)
	ANALOG OUTPUT, 4-20mADC (SELF-POWERED)
	ANALOG INPUT, 4-20mADC (UNLESS NOTED OTHERWISE)

ORIGINAL DRAWING SIZE: ANSI FULL BLEED D (34.00 X 22.00 INCHES) PLOT SCALE: 1:1 PLOT DATE: 2/12/2026 6:39 PM CADD USER: CHAD LACOSE FILE: M:\DESIGN\23272135.00_ELECTRICAL\2327213500_E003.DWG

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PRINTED NAME: NEIL A. OFTELIE
 SIGNATURE: *Neil A. Oftelie*
 DATE: 02/13/2026 LICENSE #: 61655

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BARR ENGINEERING CO.
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 MINNEAPOLIS, MN 55435

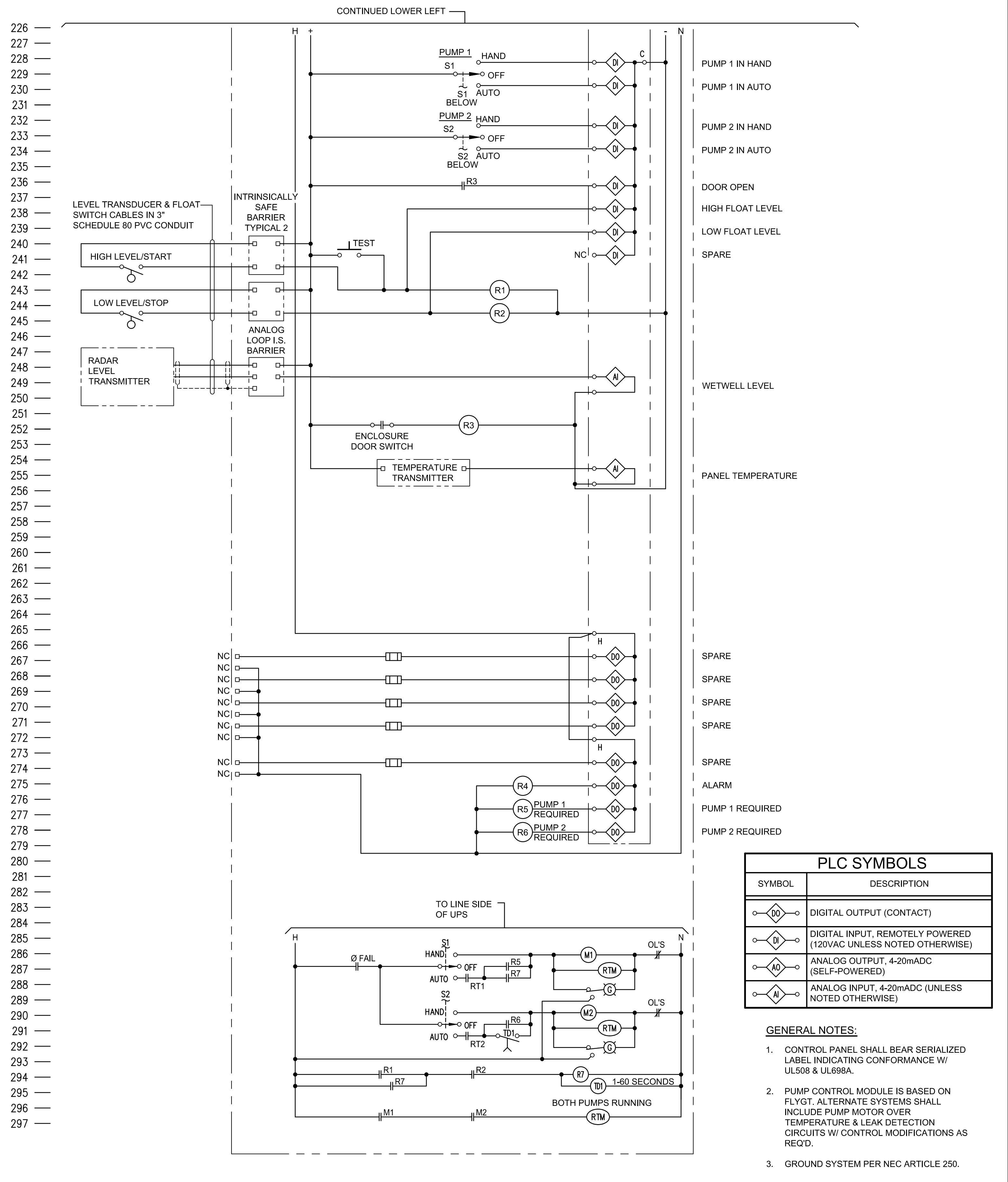
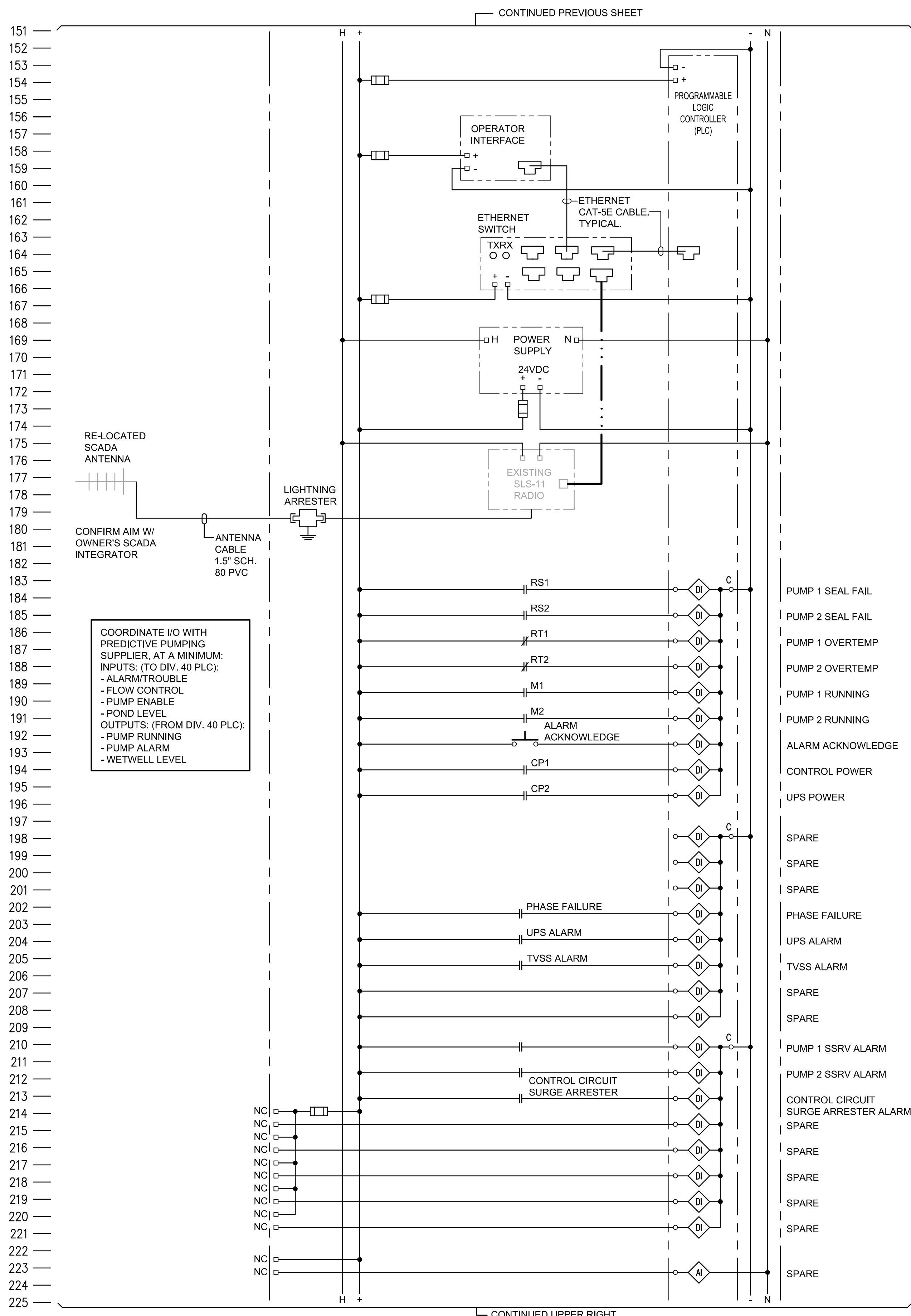
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CITY OF EDINA
 EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
 EDINA, MN
 ELECTRICAL SCHEMATICS

BARR PROJECT #	2327213500
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PRINTED NAME: NEIL A. OFTELIE
SIGNATURE:
DATE: 02/13/2026 LICENSE #: 61655

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NUMBER 1010411545

CITY OF EDINA
EDINA, MINNESOTA

CLIENT PROJECT # ENG 26-4

YORK AVE POND IMPROVEMENTS
EDINA, MN
ELECTRICAL SCHEMATICS

BARR PROJECT #	2327213500
DWG #	E004
REV #	0