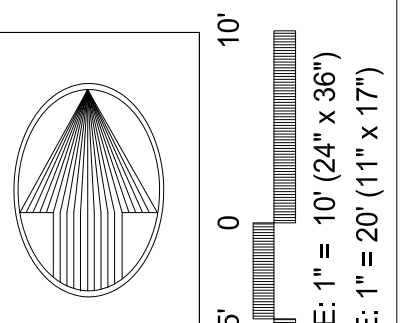
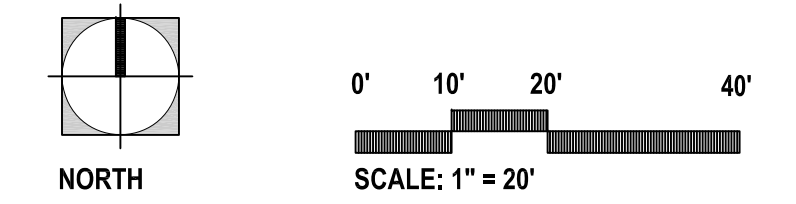


**NOTES**

1. See Civil Sheet 30 and 38 for additional information.
2. "By Owner" items are not in contract (NIC).
3. Recreation Facilities items are not in contract (NIC).

**LEGEND**

- Concrete Paving - Standard Finish  
See Detail 2, Sheet L3.0
- Concrete Paving - Specialty Finish  
See Detail 2, Sheet L3.0
- Concrete Paving - 6" Depth  
See Detail 2, Sheet L3.0
- Thickened Edge Concrete  
See Detail 3, Sheet L3.0
- Isolation Joint  
See Detail 6, Sheet L3.0
- Expansion Joint  
See Detail 7, Sheet L3.0
- Tooled / Sawcut Control Joint  
See Detail 8 & 9, Sheet L3.0



**NORTH**

**LAKELWOOD FOREST PRESERVE**  
LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
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DRAWN BY: BFM  
CHECKED BY: KK  
ORIGINAL ISSUE: 00/00/00

DESCRIPTION

DATE BY  
09/25/23 BFM

**REVISIONS**

L&M PLAN - MAIN PARKING

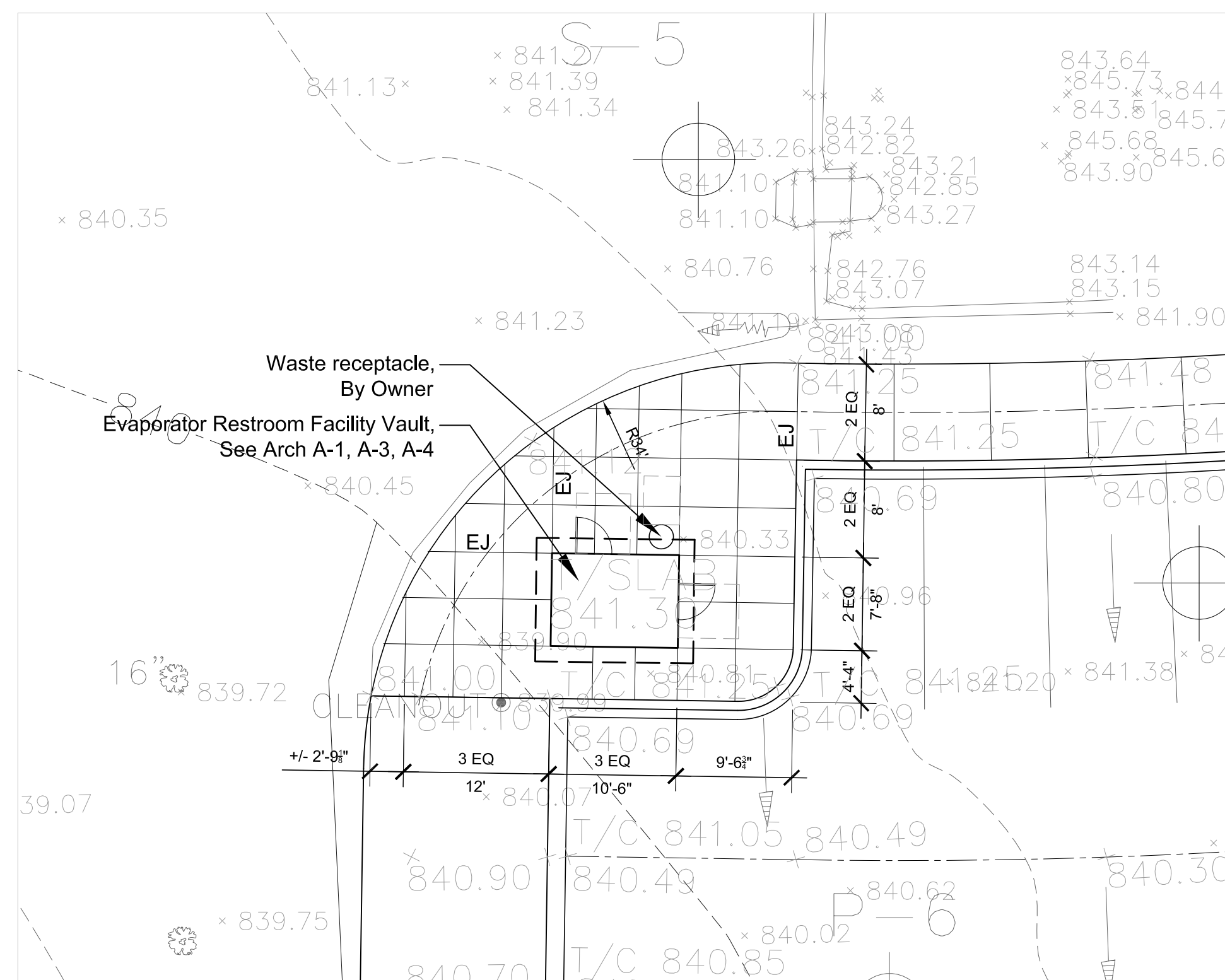
SHEET NUMBER

**L1.4**

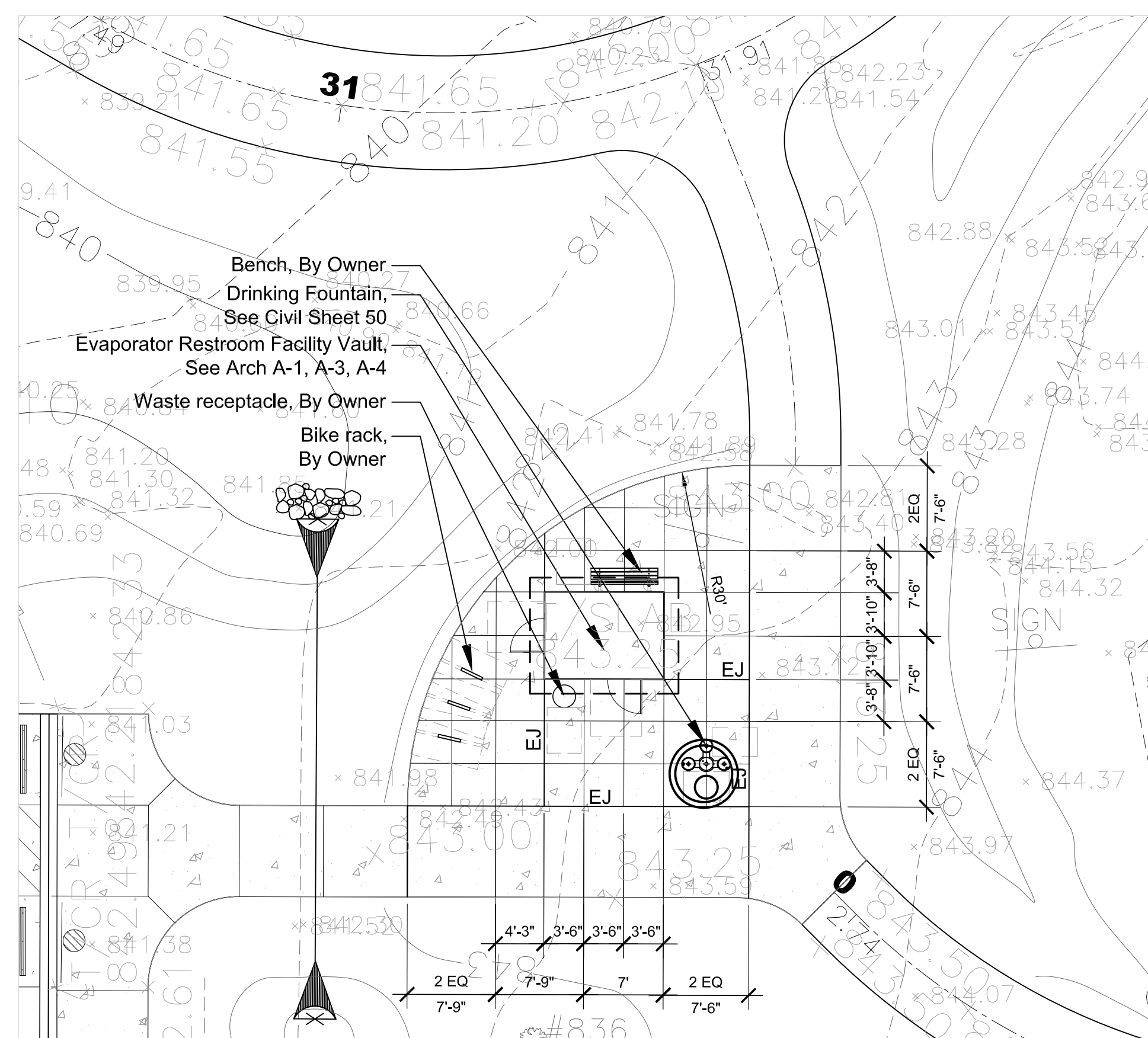
5 OF 27 SHEETS

JOB No. 2036

SCALE: 1" = 20' (11" x 17")



**1** Enlarged Plan - Evaporator Restroom (Nature Play)  
Scale: 1" = 10'



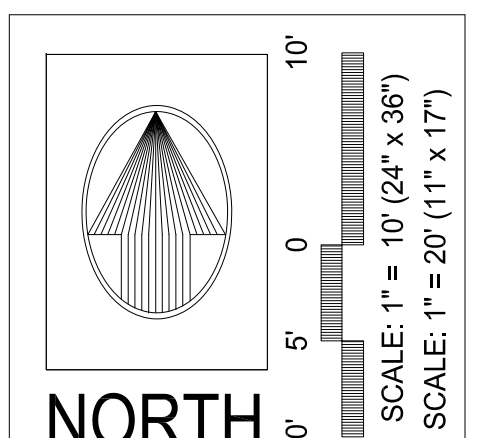
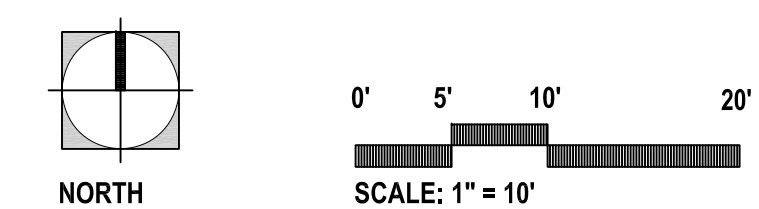
**2** Enlarged Plan - Evaporator Restroom (Day Use)  
Scale: 1" = 10'

**NOTES**

1. See Civil Sheet 38, 39 and 40 for additional information.
2. "By Owner" items are not in contract (NIC).
3. Recreation Facilities items are not in contract (NIC).
4. Contractor shall install Evaporator Restroom Facility vaults and utilities. Above-grade structure is by Others.

**LEGEND**

- Concrete Paving - Standard Finish  
See Detail 2, Sheet L3.0
- Concrete Paving - Specialty Finish  
See Detail 2, Sheet L3.0
- Concrete Paving - 6" Depth  
See Detail 2, Sheet L3.0
- Thickened Edge Concrete  
See Detail 3, Sheet L3.0
- Isolation Joint  
See Detail 6, Sheet L3.0
- Expansion Joint  
See Detail 7, Sheet L3.0
- Tooled / Sawcut Control Joint  
See Detail 8 & 9, Sheet L3.0



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LAKE COUNTY, ILLINOIS

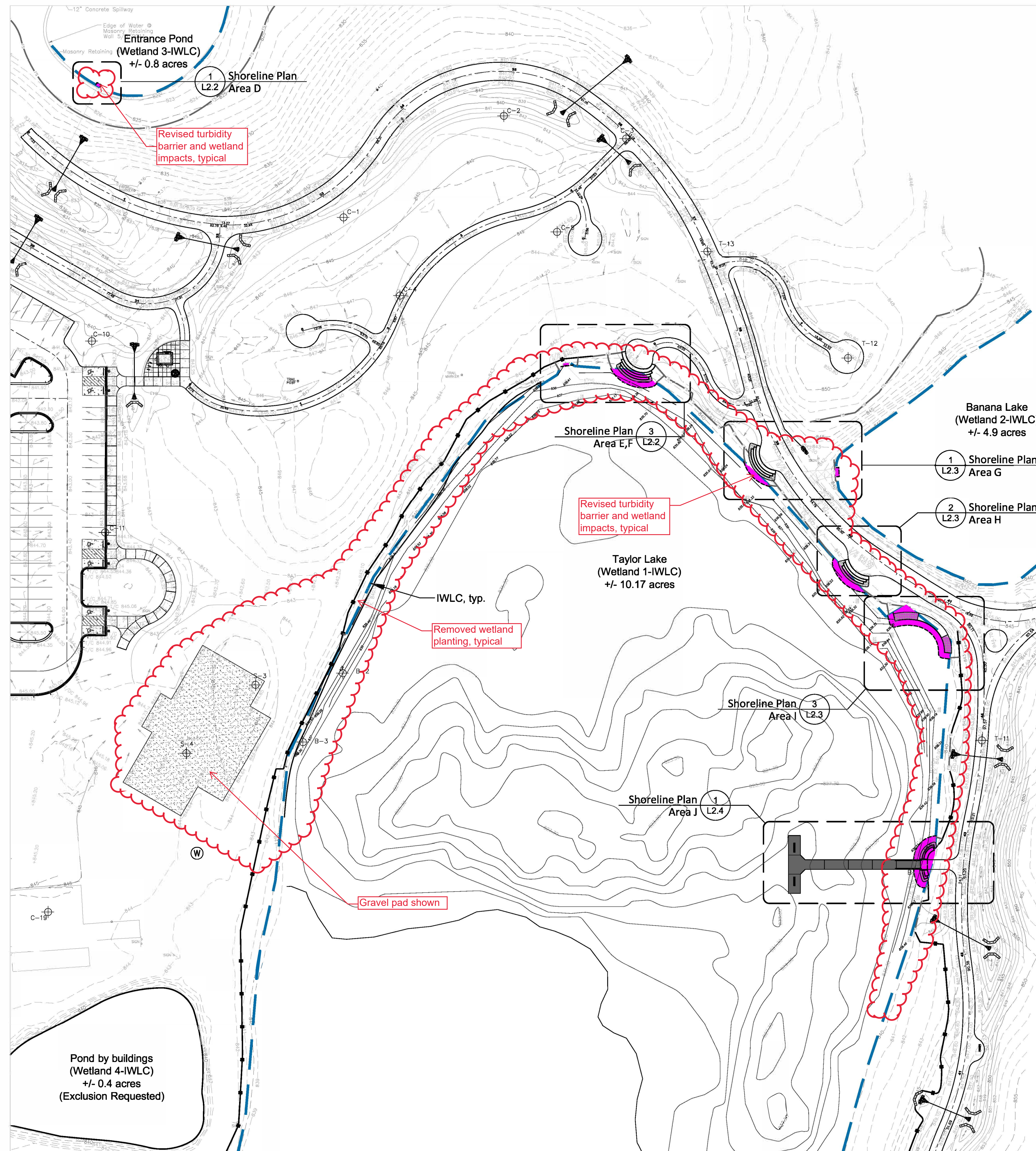
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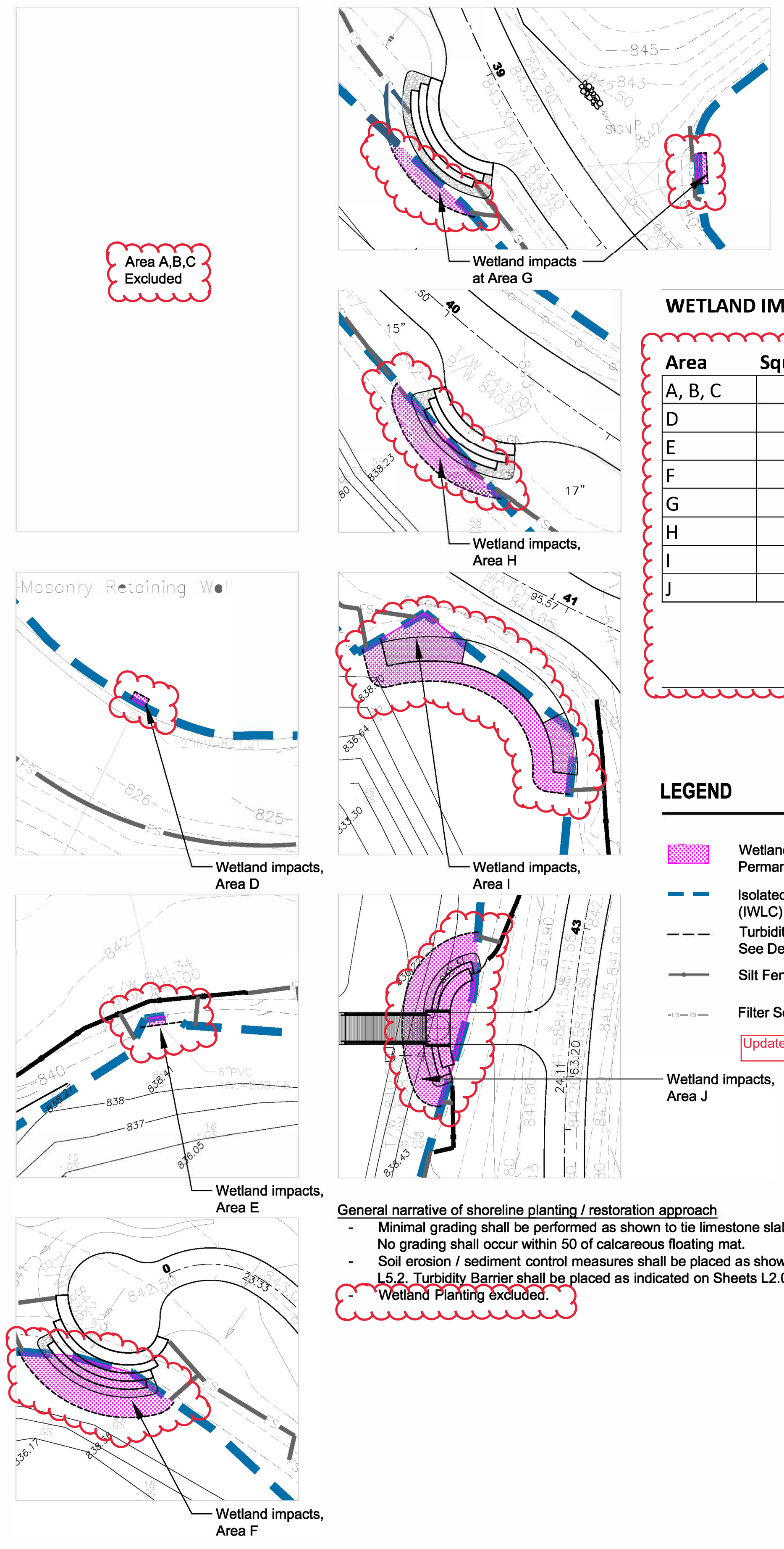
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<b>REVISIONS</b>		
SHEET NUMBER		
<b>L1.6</b>		
JOB No. 2036		
7 OF 27 SHEETS		

L&M PLAN - ENLARGEMENTS



**1** Shoreline Plan - Overall  
 Scale: 1" = 50'



**WETLAND IMPACTS**

Area	Square Footage
A, B, C	0 SF
D	8 SF
E	8 SF
F	345 SF
G	92 SF
H	220 SF
I	603 SF
J	538 SF
<b>Total</b>	<b>1814 SF</b>

**0.042 ACRES**

**LEGEND**

- Wetland Impacts (Temporary and Permanent)
- Isolated Wetland of Lake County (IWLC)
- Turbidity Barrier, See Detail 1, Sheet L3.8
- Silt Fence, See Sheet 52
- Filter Sock, See Sheet 53
- Updated legend linetypes

**General narrative of shoreline planting / restoration approach**

- Minimal grading shall be performed as shown to tie limestone slab walls into existing grade. No grading shall occur within 50' of calcareous floating mat.
- Soil erosion / sediment control measures shall be placed as shown on sheets L5.0, L5.1 and L5.2. Turbidity Barrier shall be placed as indicated on Sheets L2.0, L2.1, L2.2, L2.3, L2.4.
- Wetland Planting excluded.

**2** Shoreline Plan - Wetland Impacts Summary  
 Scale: 1" = 20'

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 LAKE COUNTY, ILLINOIS

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**SHORELINE PLAN - OVERALL**

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 DESCRIPTION: ISSUE FOR CONSTRUCTION

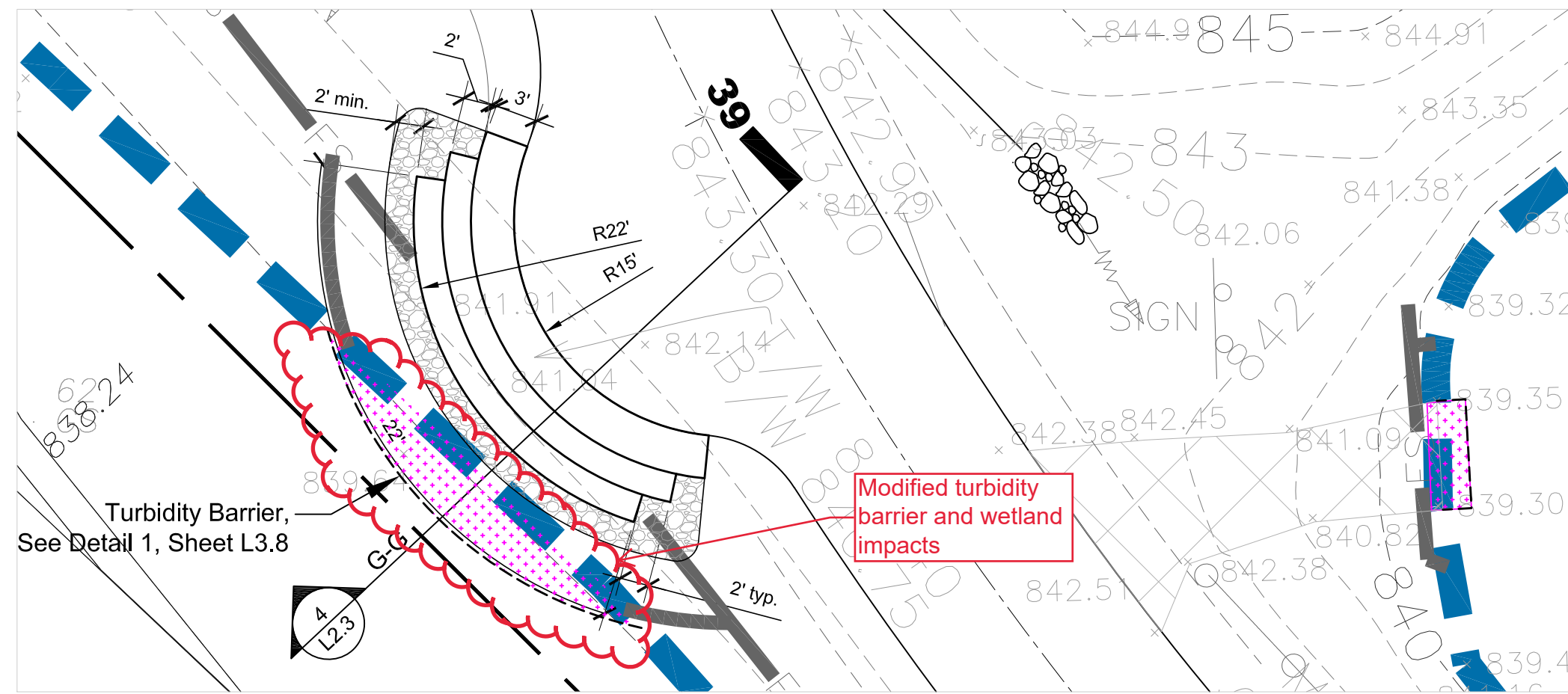
**REVISIONS**

SHEET NUMBER  
**L2.0**

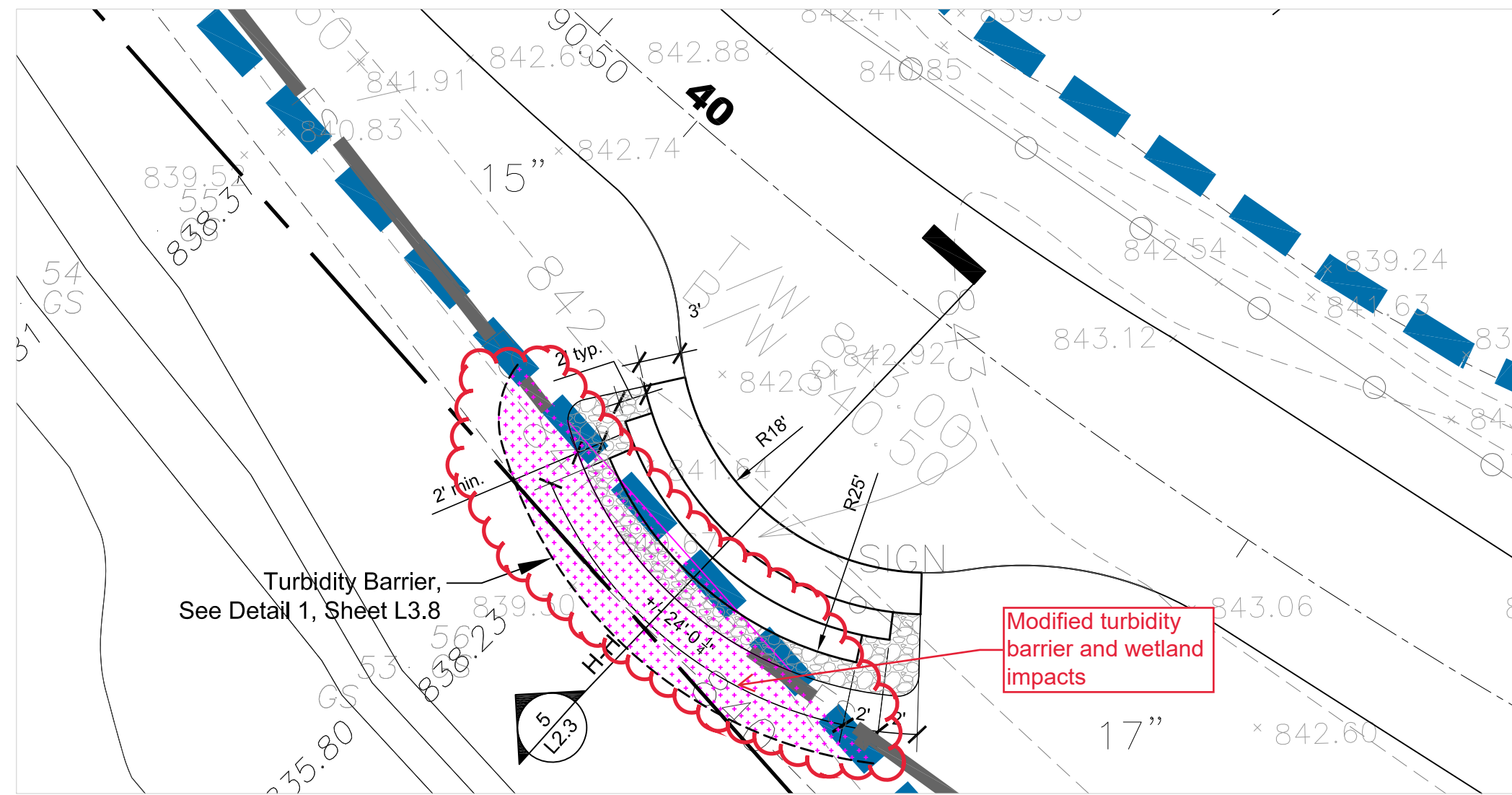
8 OF 27 SHEETS  
 JOB No. 2036

**NORTH**  
 SCALE: 1" = 10' (24" x 36")  
 SCALE: 1" = 20' (11" x 17")

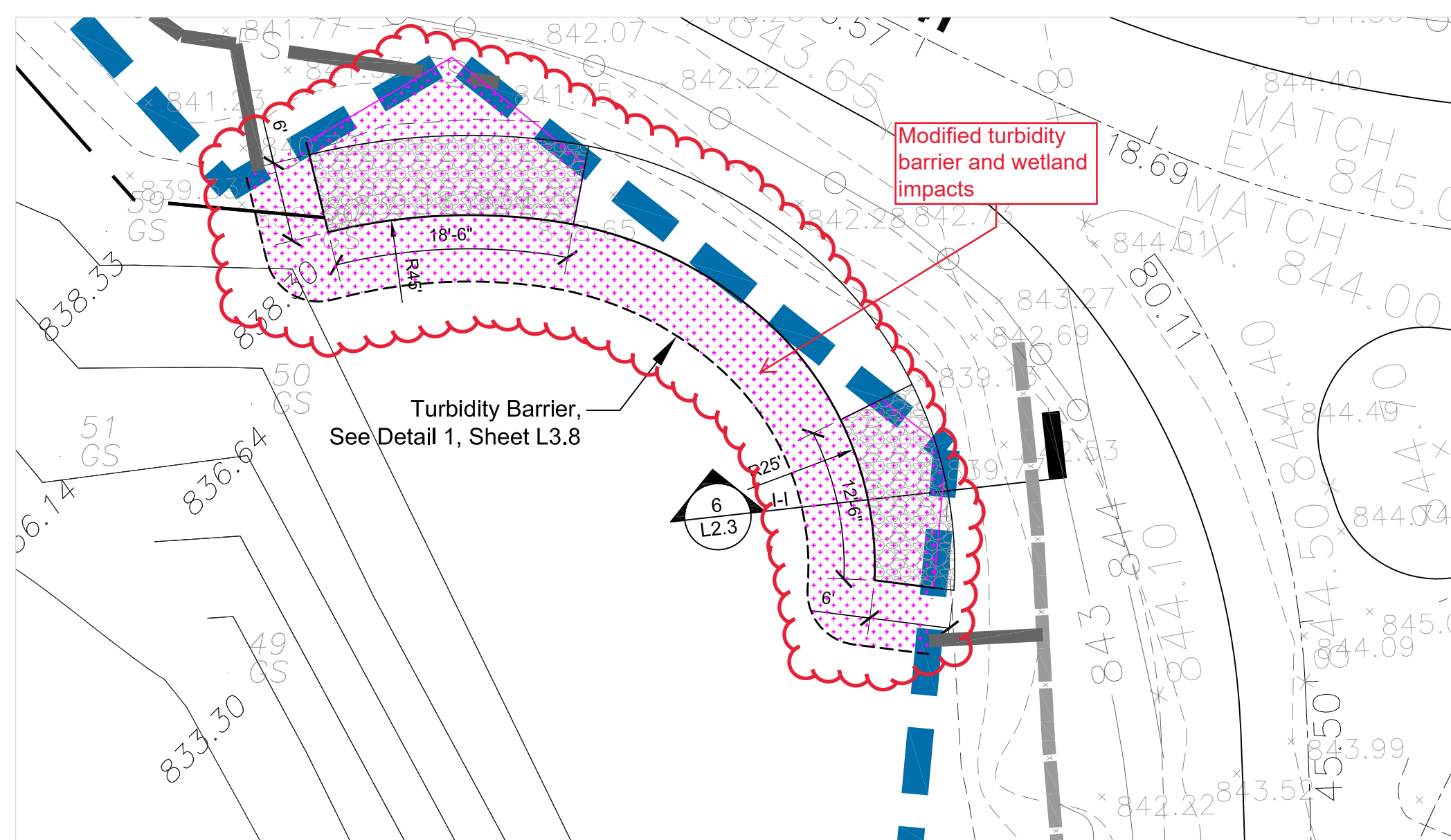




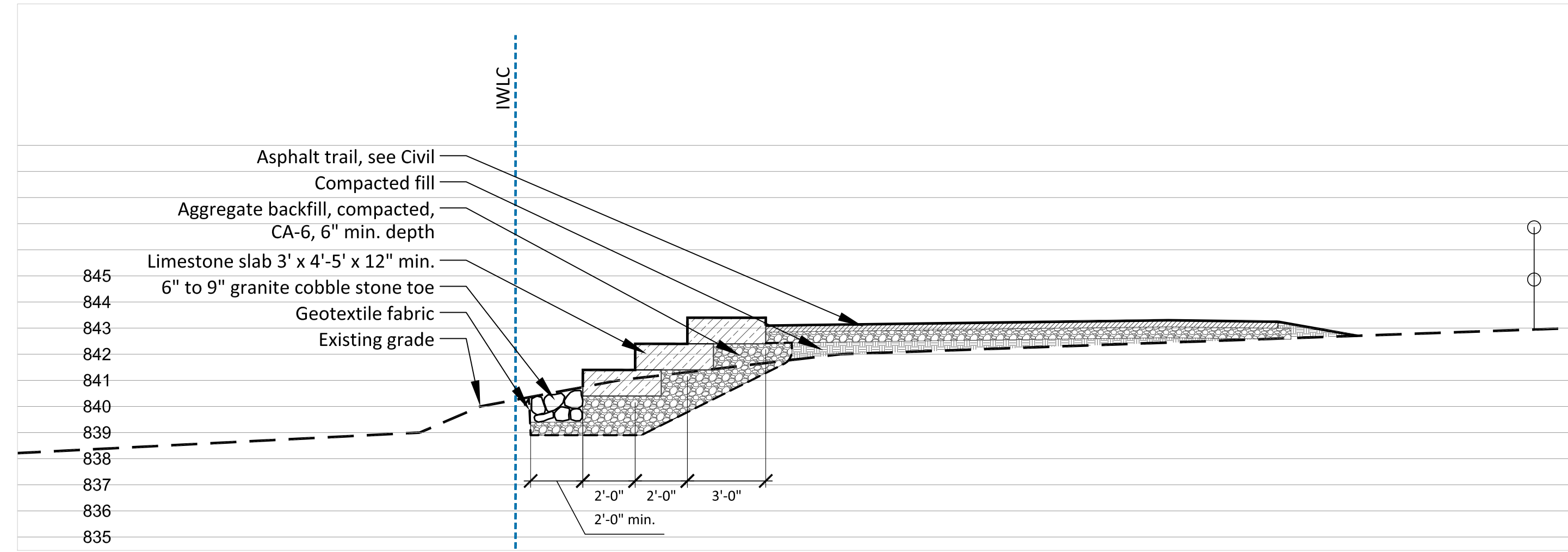
**1** Shoreline Plan - Area G  
Scale: 1" = 10'



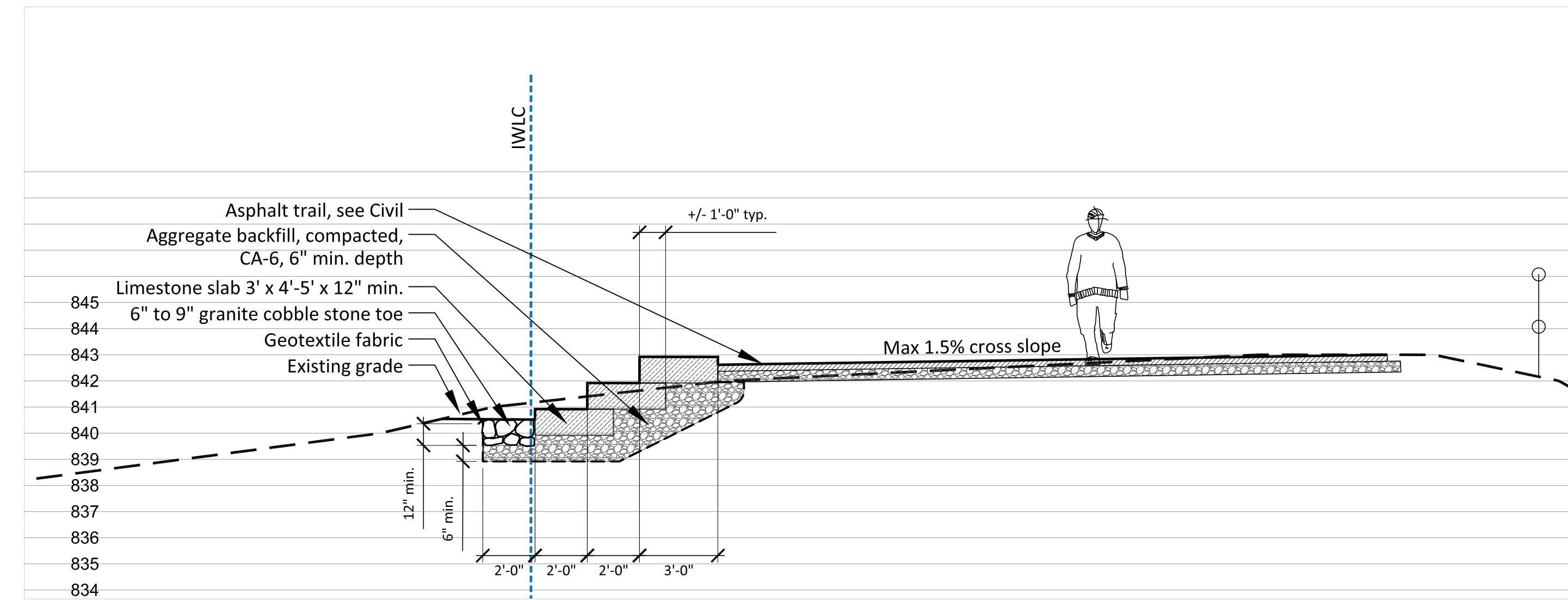
**2** Shoreline Plan - Area H  
Scale: 1" = 10'



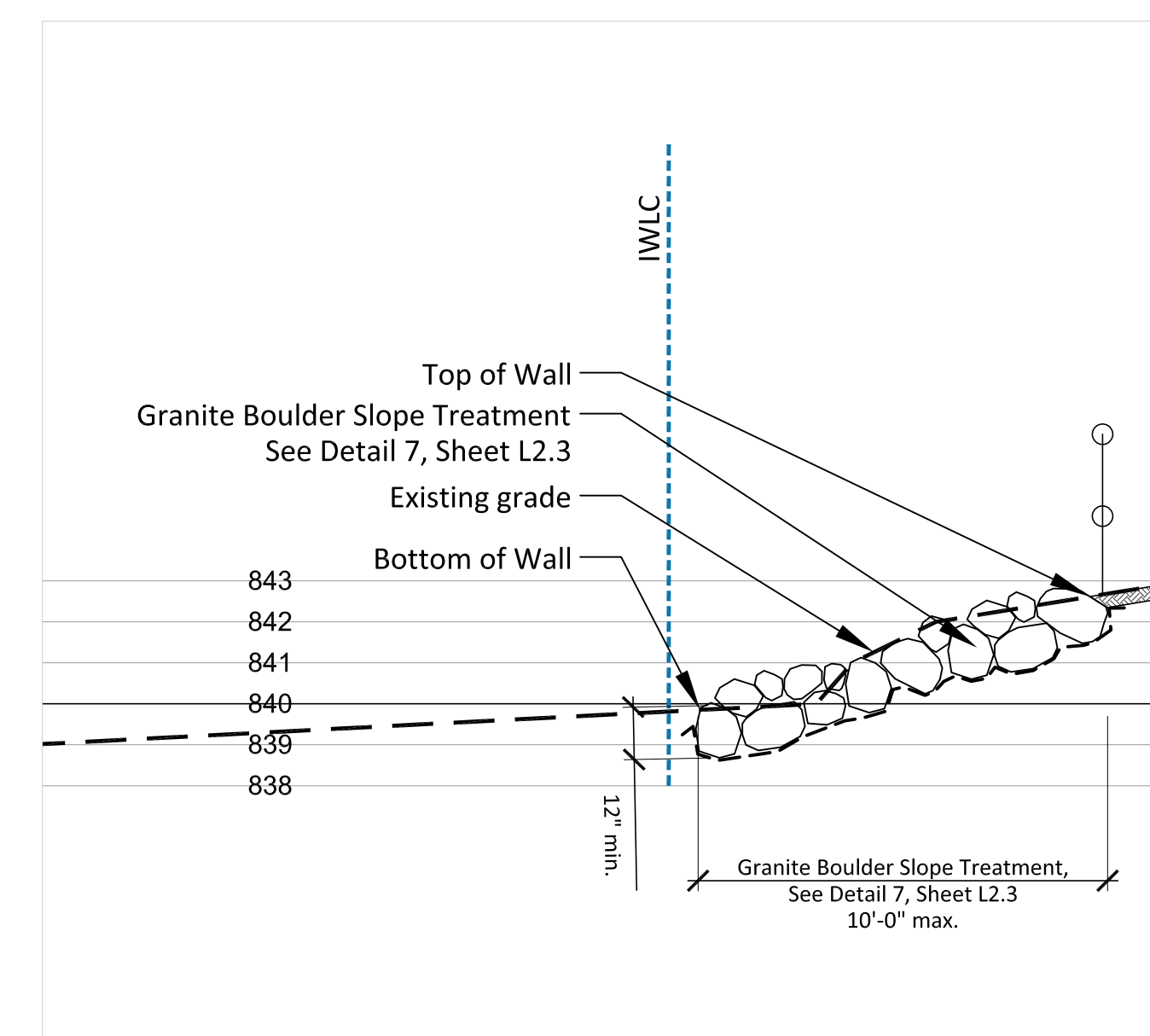
**3** Shoreline Plan - Area I  
Scale: 1" = 10'



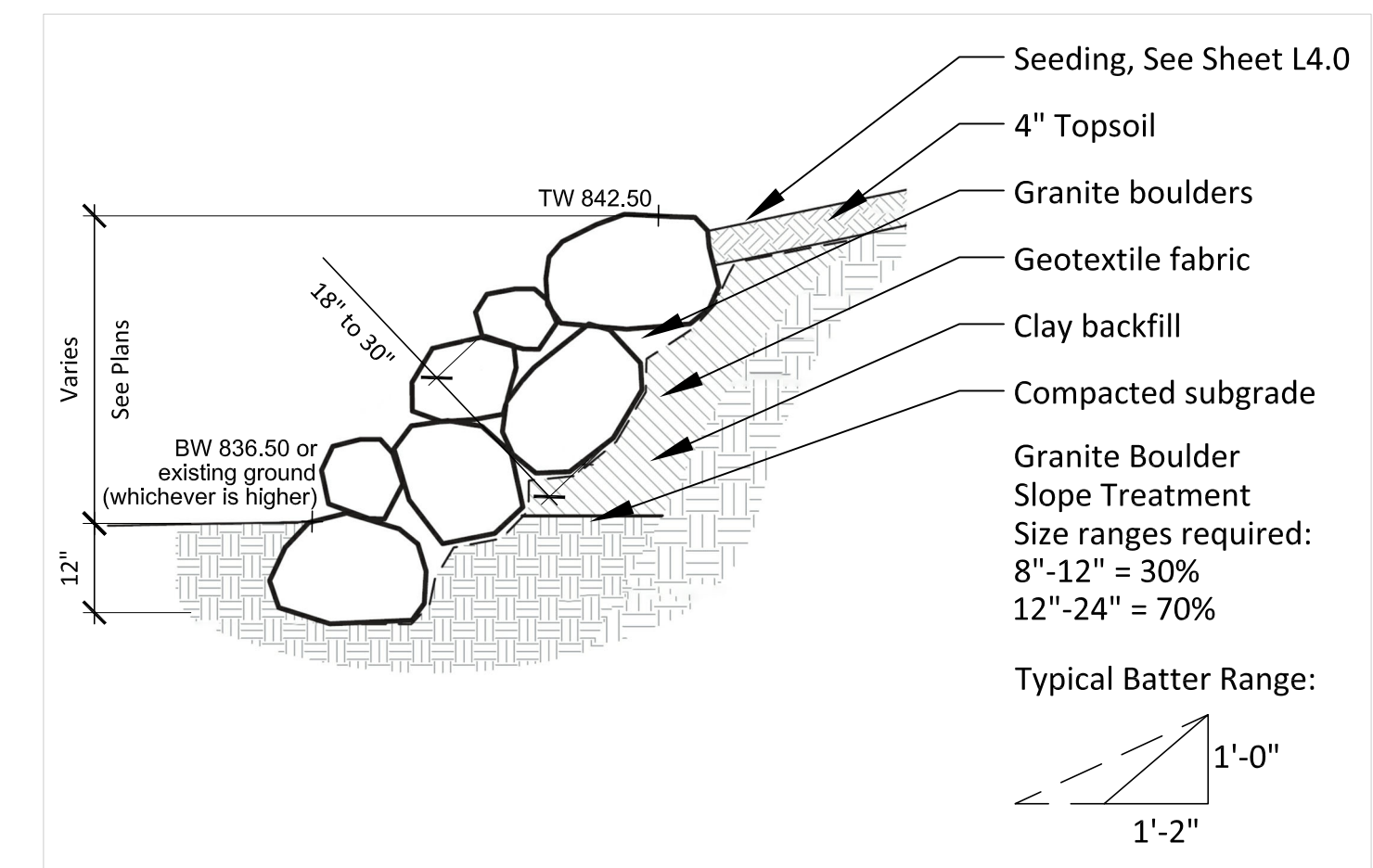
**4** Section G-G  
Scale: 1/4" = 1'-0"



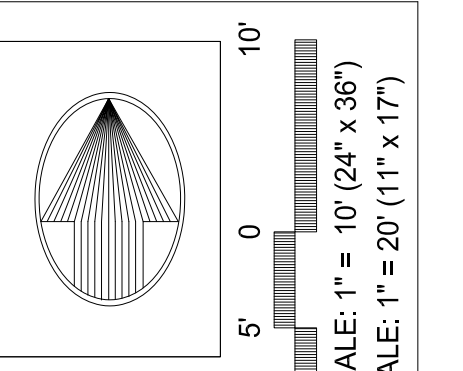
**5** Section H-H  
Scale: 1/4" = 1'-0"



**6** Section I-I  
Scale: 1/4" = 1'-0"



**7** Granite Boulder Slope Treatment  
Scale: 1/2" = 1'-0"



NORTH  
SCALE: 1" = 10' (24" x 36")  
SCALE: 1" = 20' (11" x 17")

**LAKEWOOD FOREST PRESERVE**  
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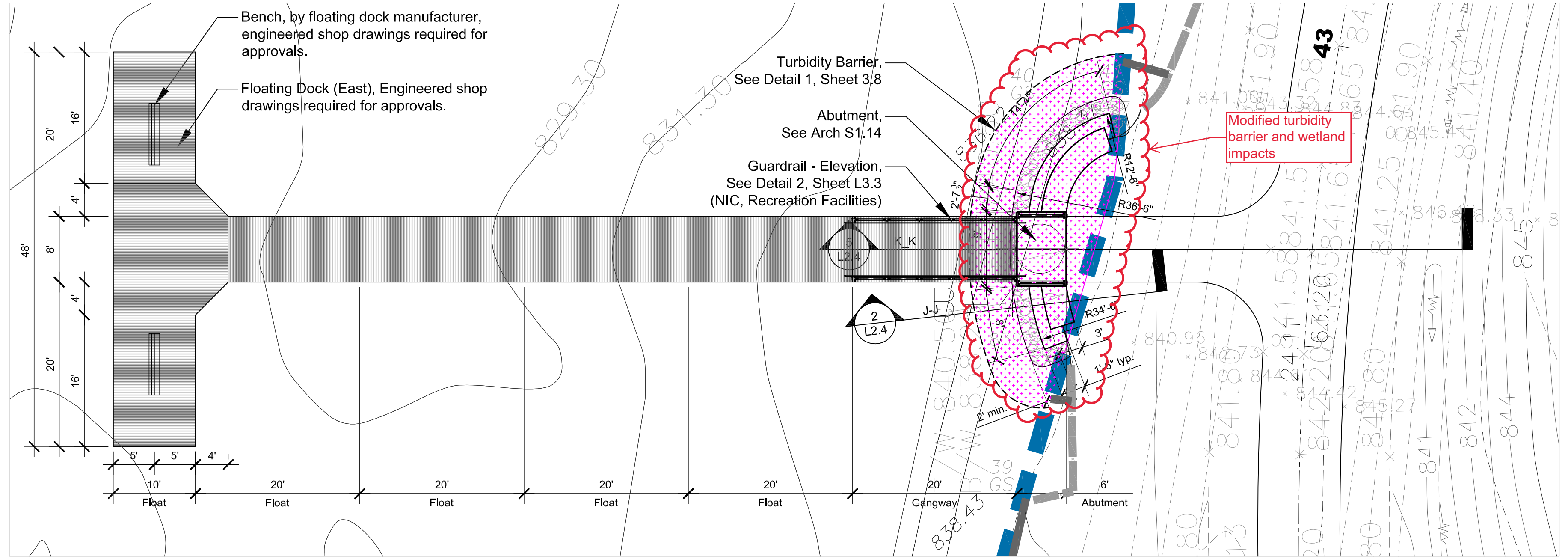
**LAKEWOOD FOREST PRESERVE**

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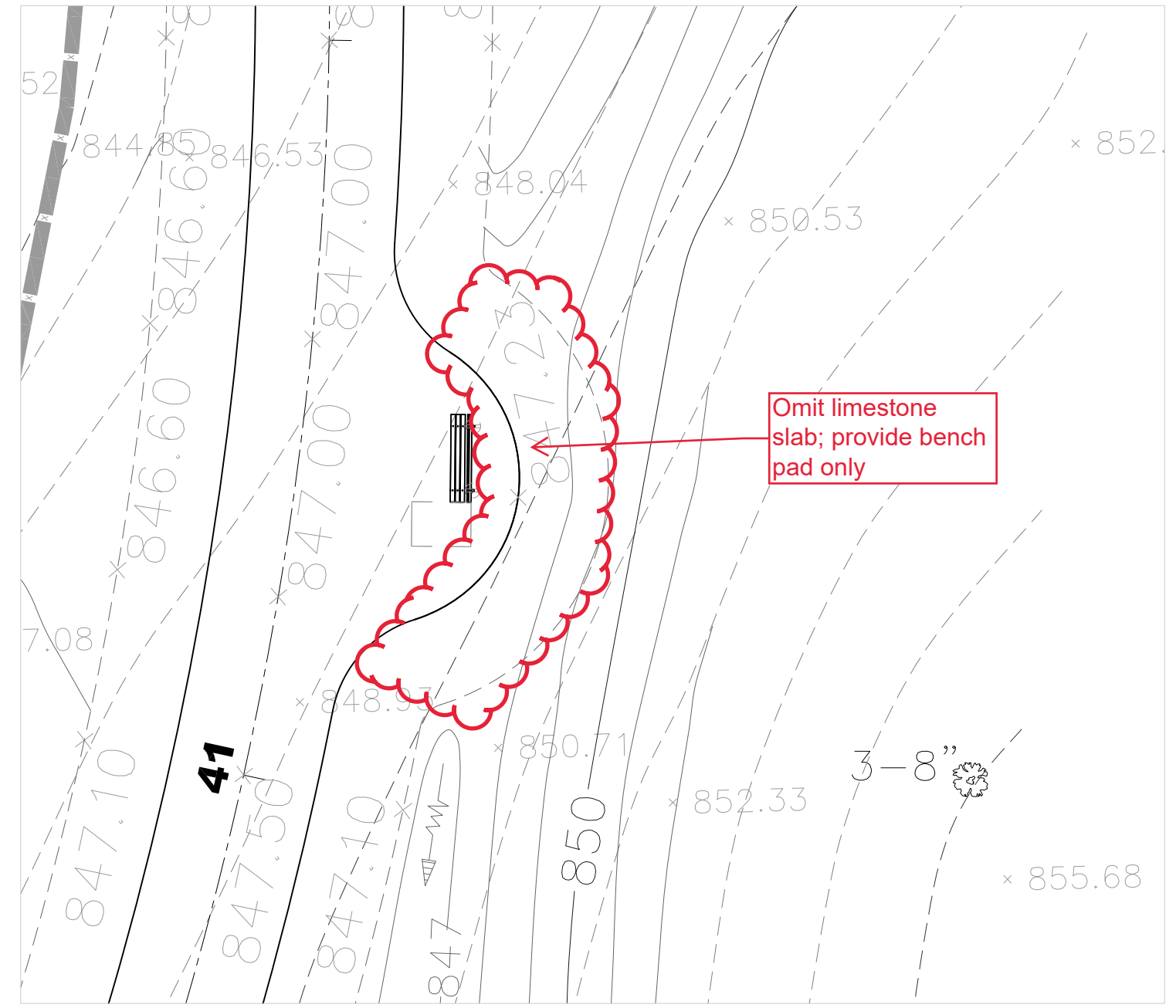
REVISIONS	

SHORELINE PLAN - AREAS G, H, & I

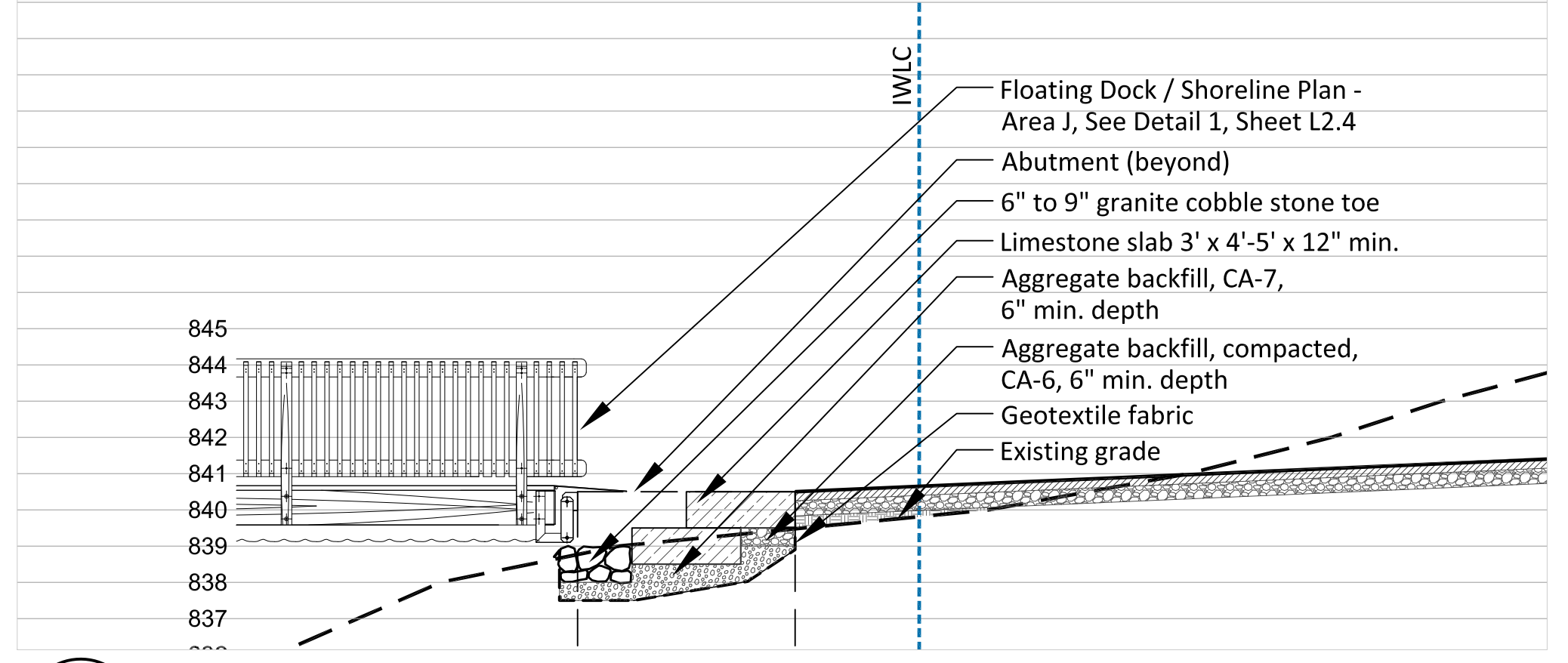
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**L2.3**  
JOB No. 2036  
11 OF 27 SHEETS



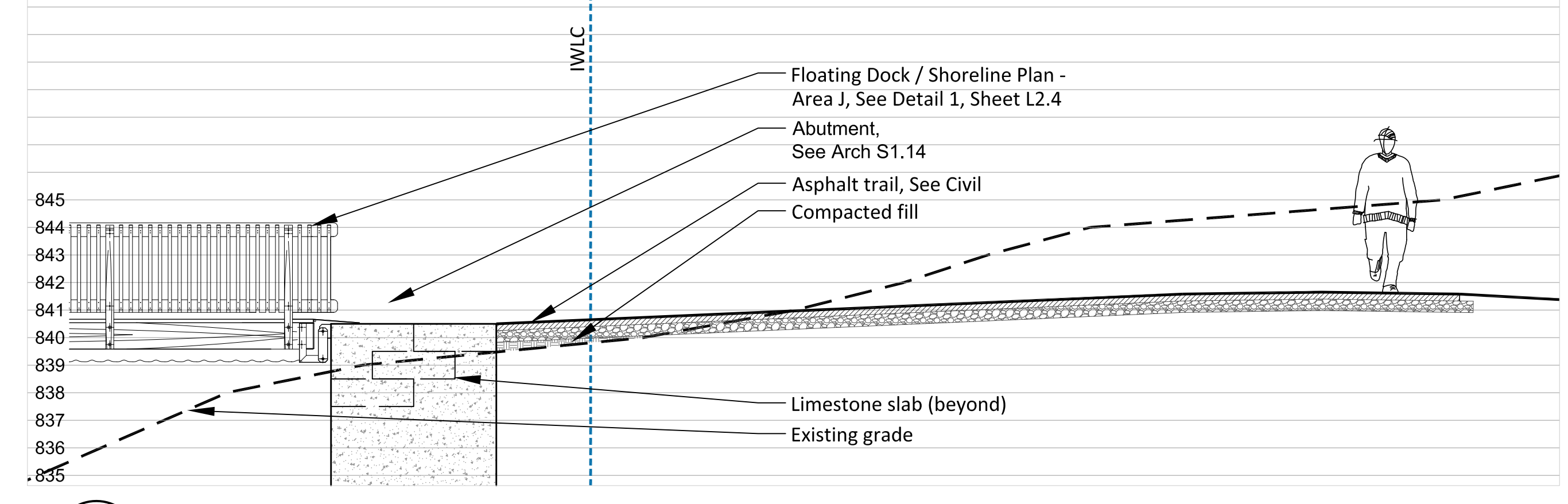
**1** Shoreline Plan - Area J  
Scale: 1" = 10'



**4** Limestone Slab Seatwall  
Scale: 1" = 10'



**2** Section J-J  
Scale: 1/4" = 1'-0"



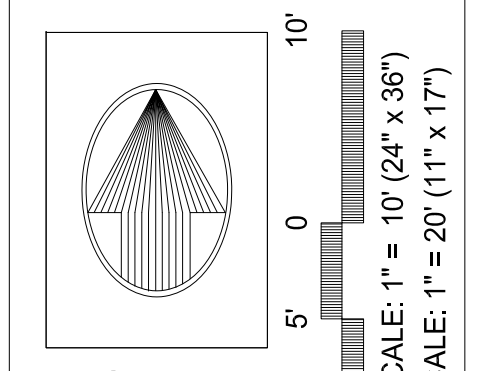
**5** Section K-K  
Scale: 1/4" = 1'-0"

**NOT USED**

**3** Shoreline Plan - Area K  
Scale: 1" = 10'

**NOT USED**

**6** Section L-L  
Scale: 1/4" = 1'-0"



**NORTH**

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LAKE COUNTY, ILLINOIS

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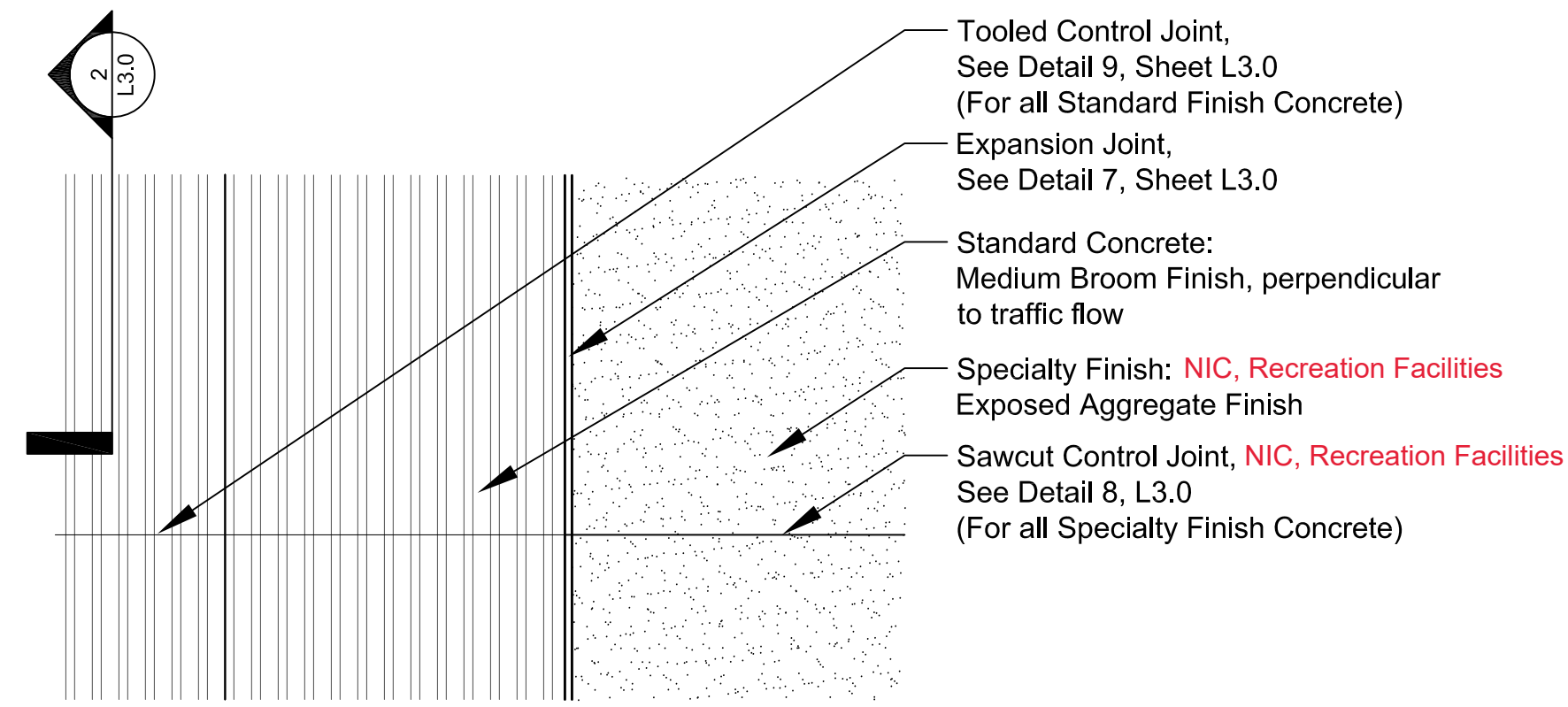
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SHORELINE PLAN - AREAS J & K

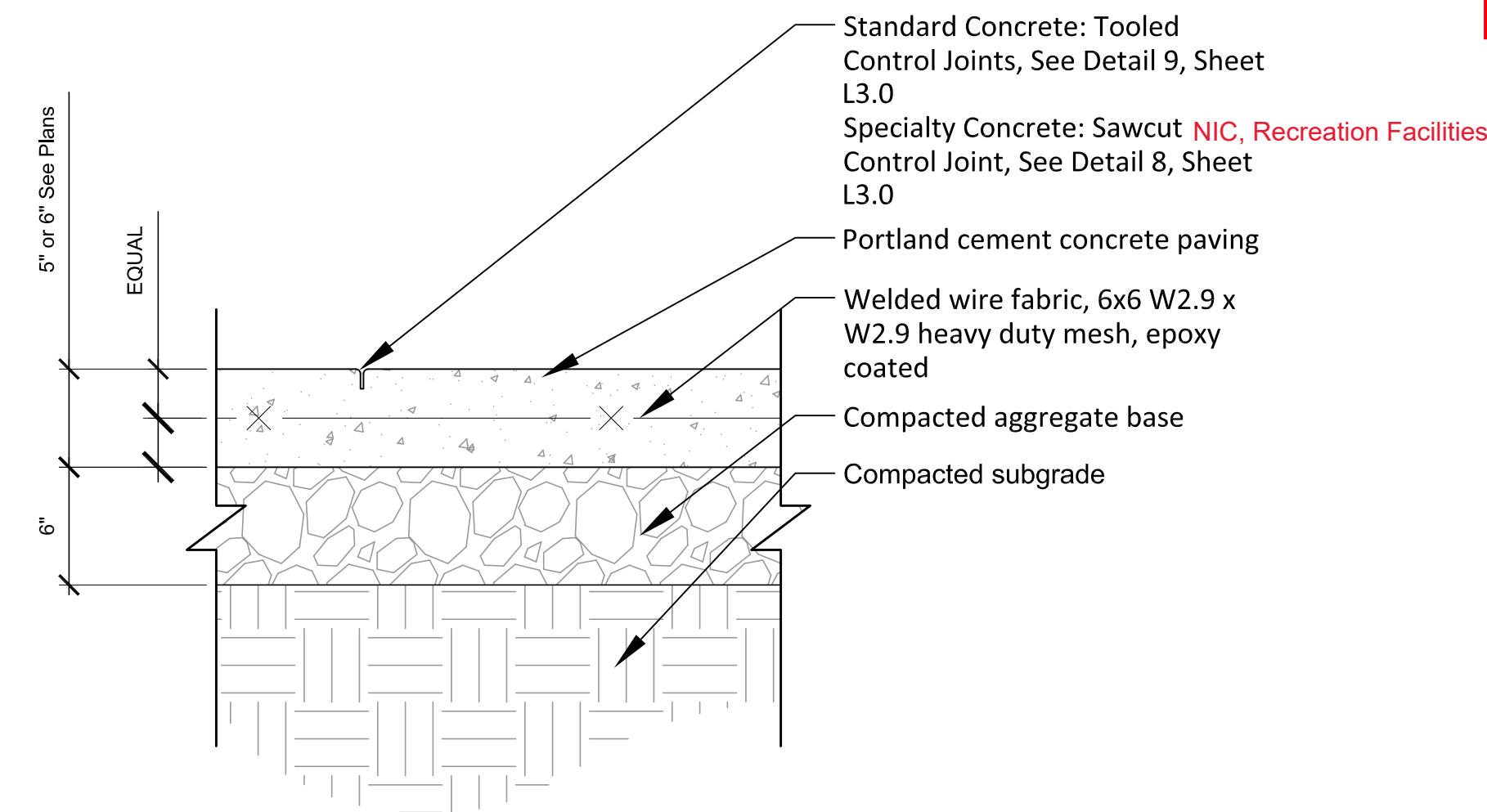
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**L2.4**

JOB No. 2036  
12 OF 27 SHEETS

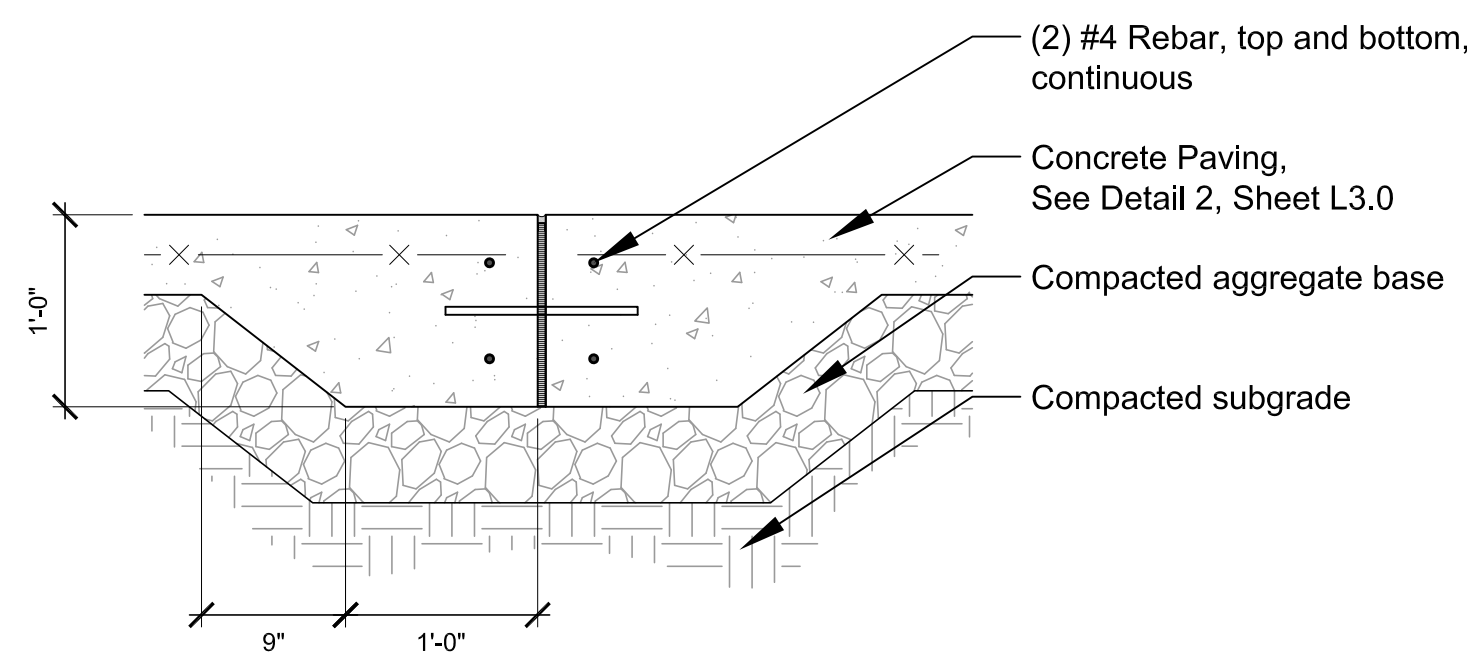


**NOTES:**  
 1. Refer to layout plan for joint pattern and spacing  
 2. All specialty finish areas to be sealed per specs **NIC, Recreation Facilities**

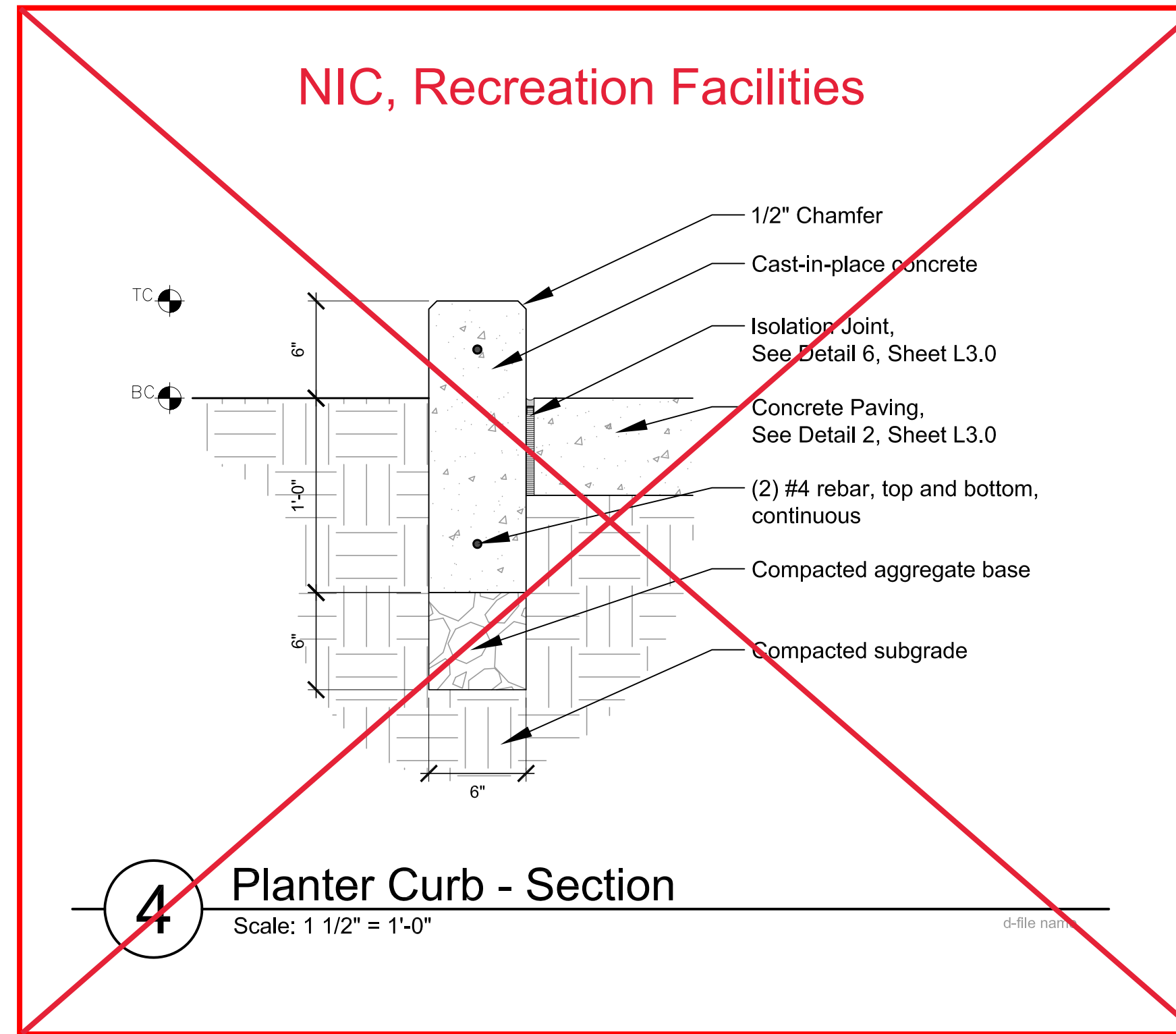
**1 Concrete Paving - Finish**  
 Scale: 1" = 1'-0" d-conc-finish



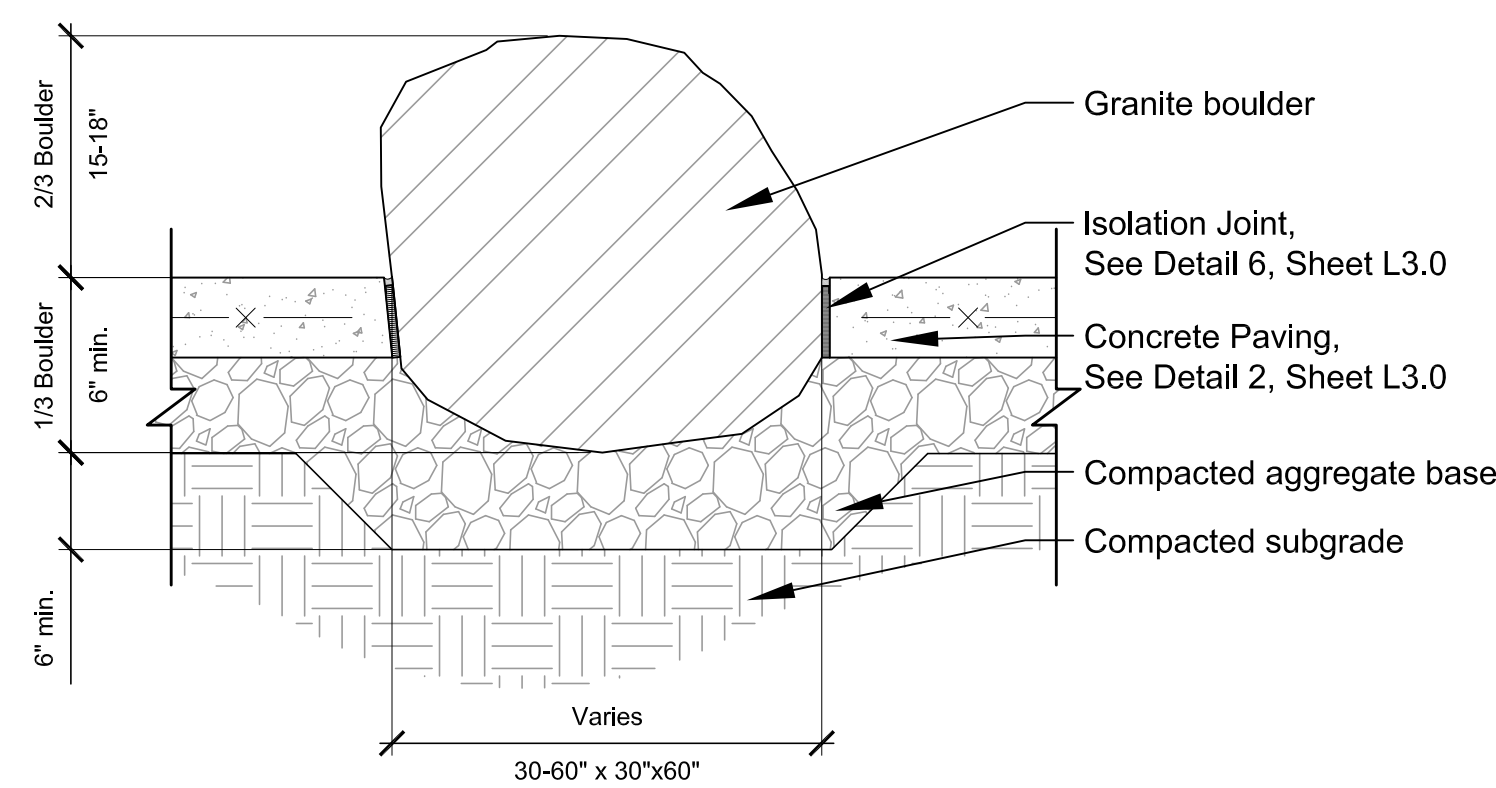
**2 Concrete Paving - Section**  
 Scale: 1 1/2" = 1'-0" d-file name



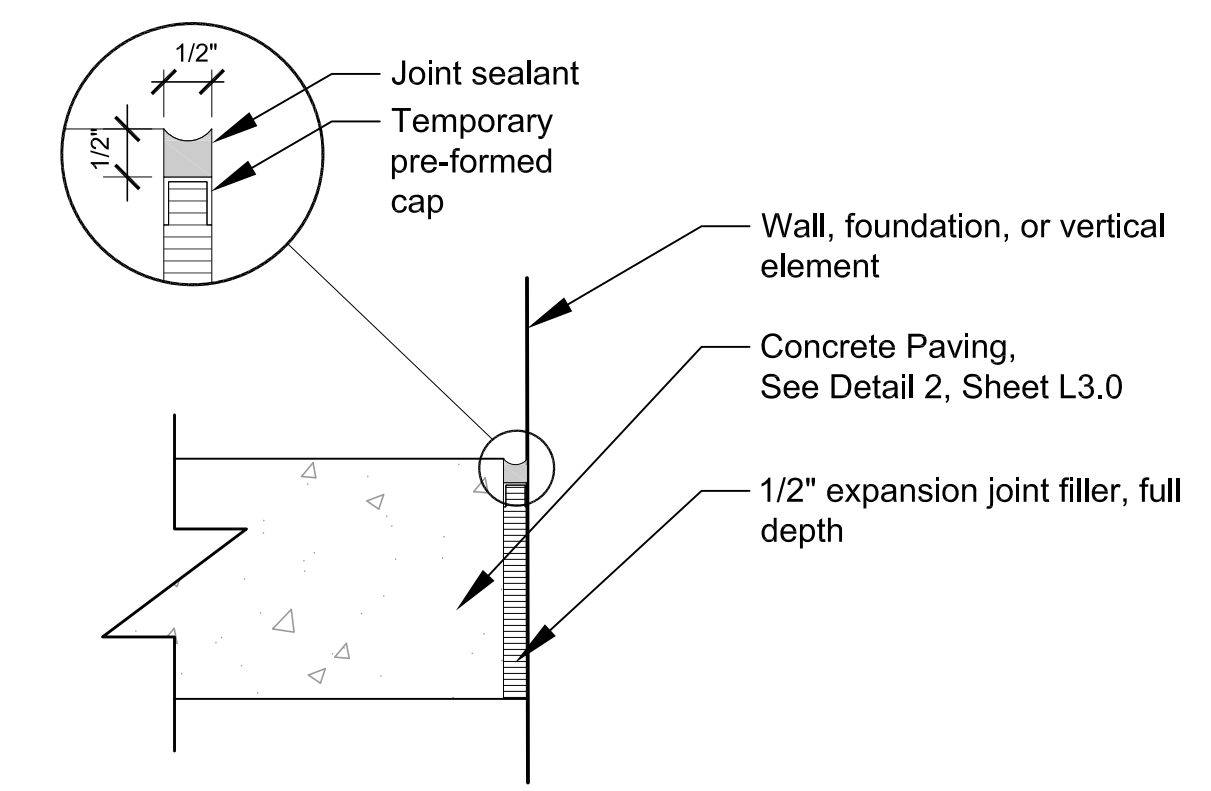
**3 Thickened Edge Concrete Paving**  
 Scale: 1" = 1'-0" d-file name



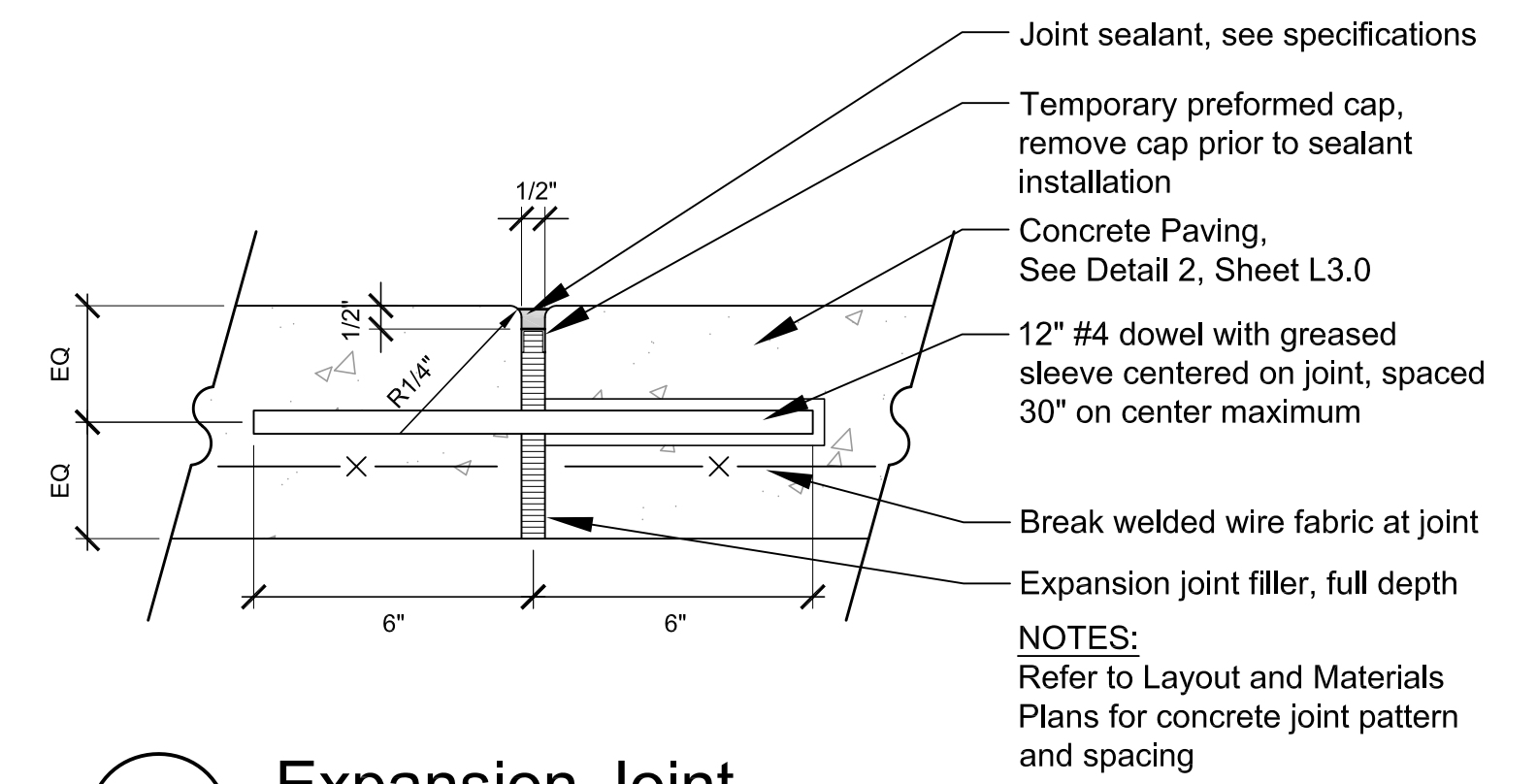
**4 Planter Curb - Section**  
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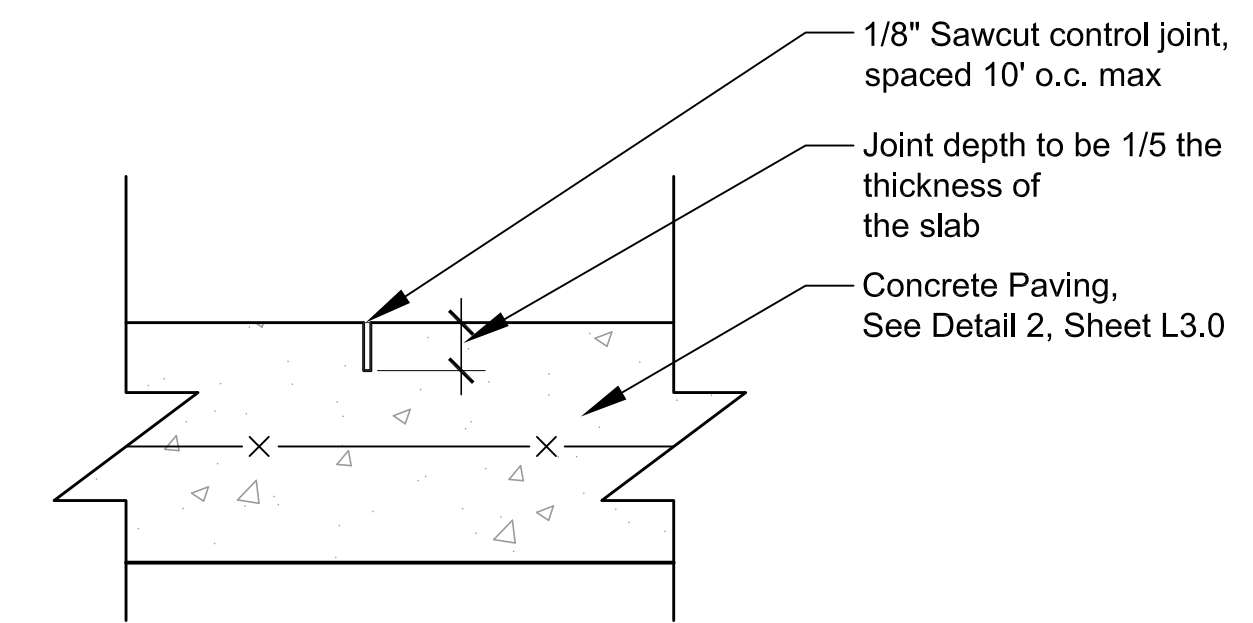
**5 Granite Boulder**  
 Scale: 1" = 1'-0" d-file name



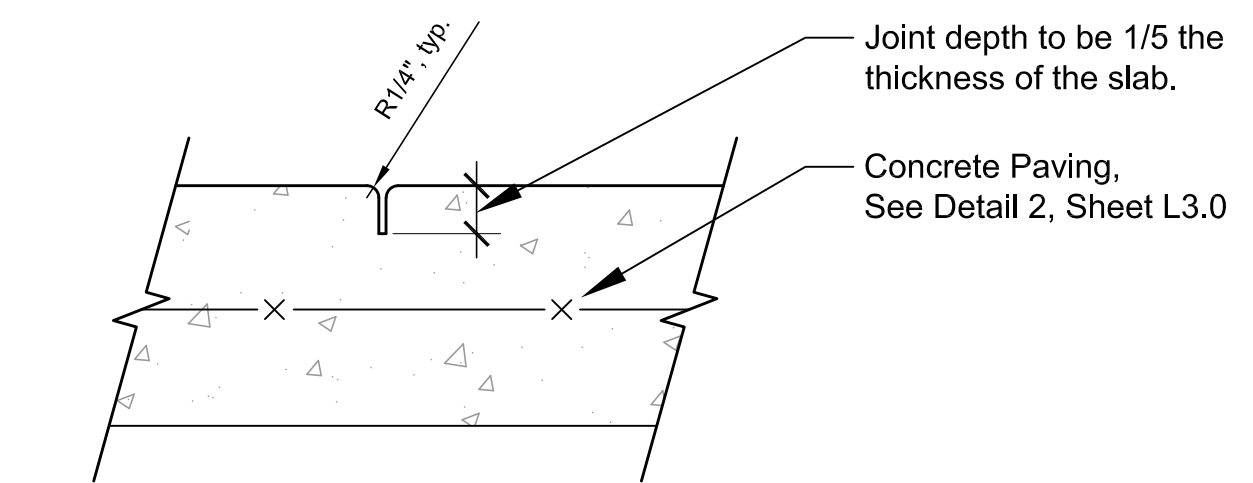
**6 Isolation Joint**  
 Scale: 3" = 1'-0"



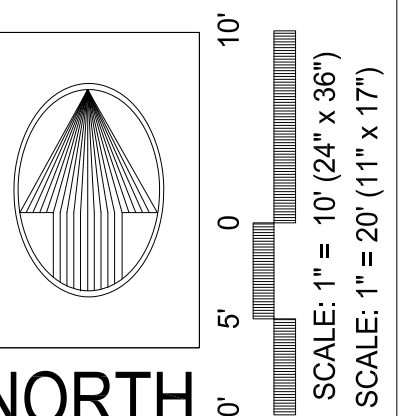
**7 Expansion Joint**  
 Scale: 3" = 1'-0" d-conc-aj



**8 Sawcut Control Joint**  
 Scale: 3" = 1'-0"



**9 Tooled Control Joint**  
 Scale: 3" = 1'-0" d-conc-tool-cj



**NORTH**  
 SCALE: 1" = 10' (24" x 36")  
 SCALE: 1" = 20' (11" x 17")

**LAKELWOOD FOREST PRESERVE**  
 LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
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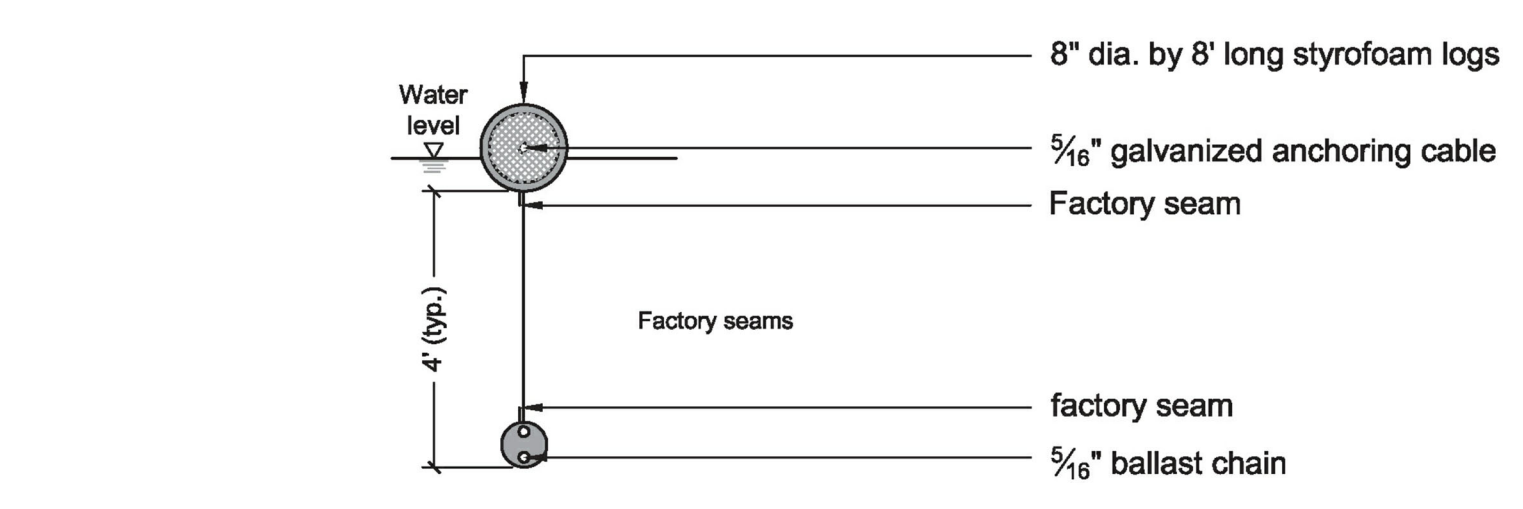
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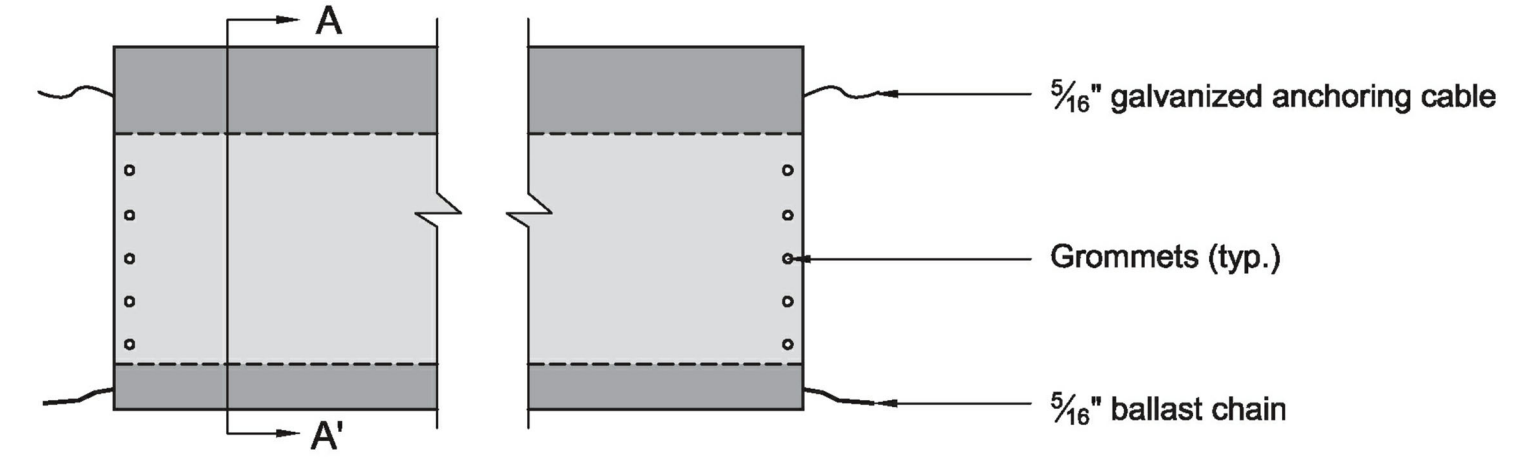
**SITE DETAILS**

SHEET NUMBER  
**L3.0**

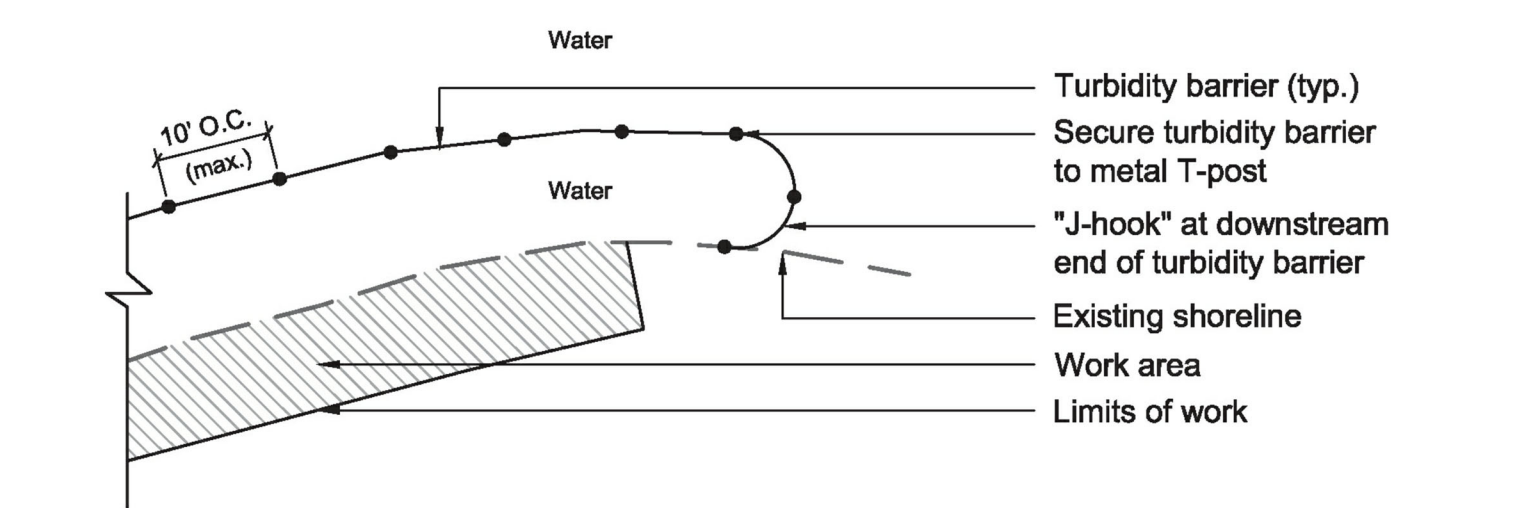
JOB No. 2036  
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Section A - A'



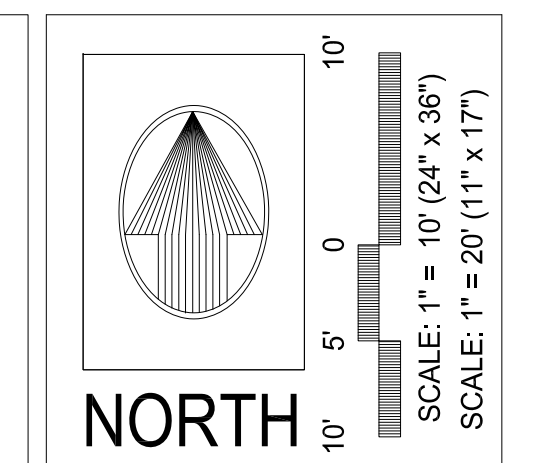
Elevation



Plan

- Notes:  
 1. Turbidity Barrier shall be located as close to shoreline as possible while still allowing adequate room for completion of work

**1** Turbidity Barrier  
 Scale: NTS



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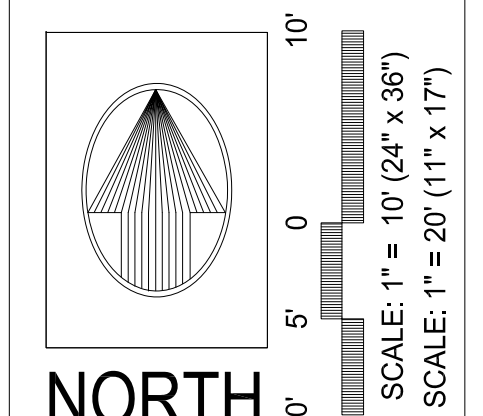
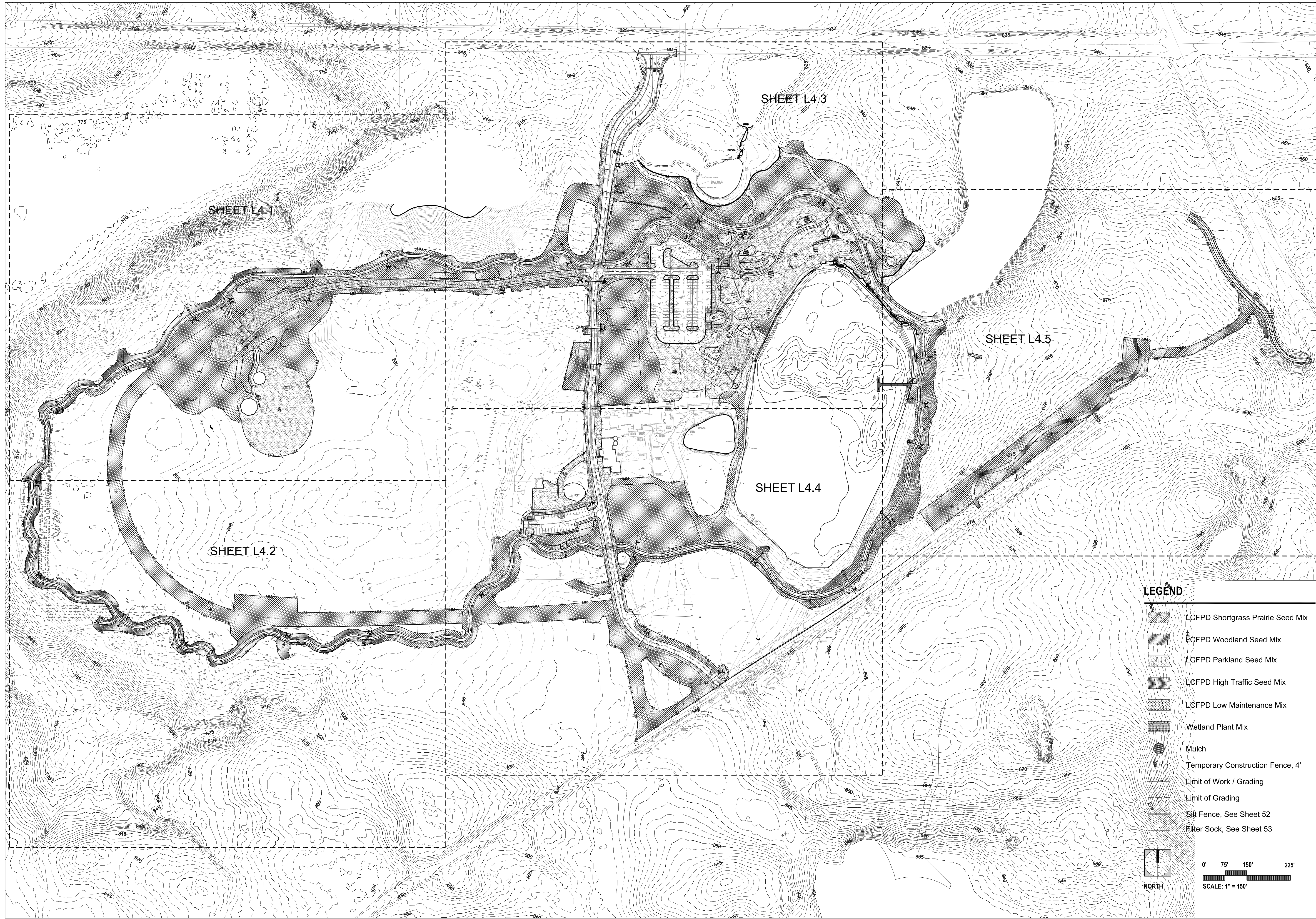
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**SITE DETAILS**

SHEET NUMBER  
**L3.8**

JOB No. 2036  
 21 OF 27 SHEETS





**LAKWOOD FOREST PRESERVE**  
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SCALE: 1" = 20' (11" x 17")

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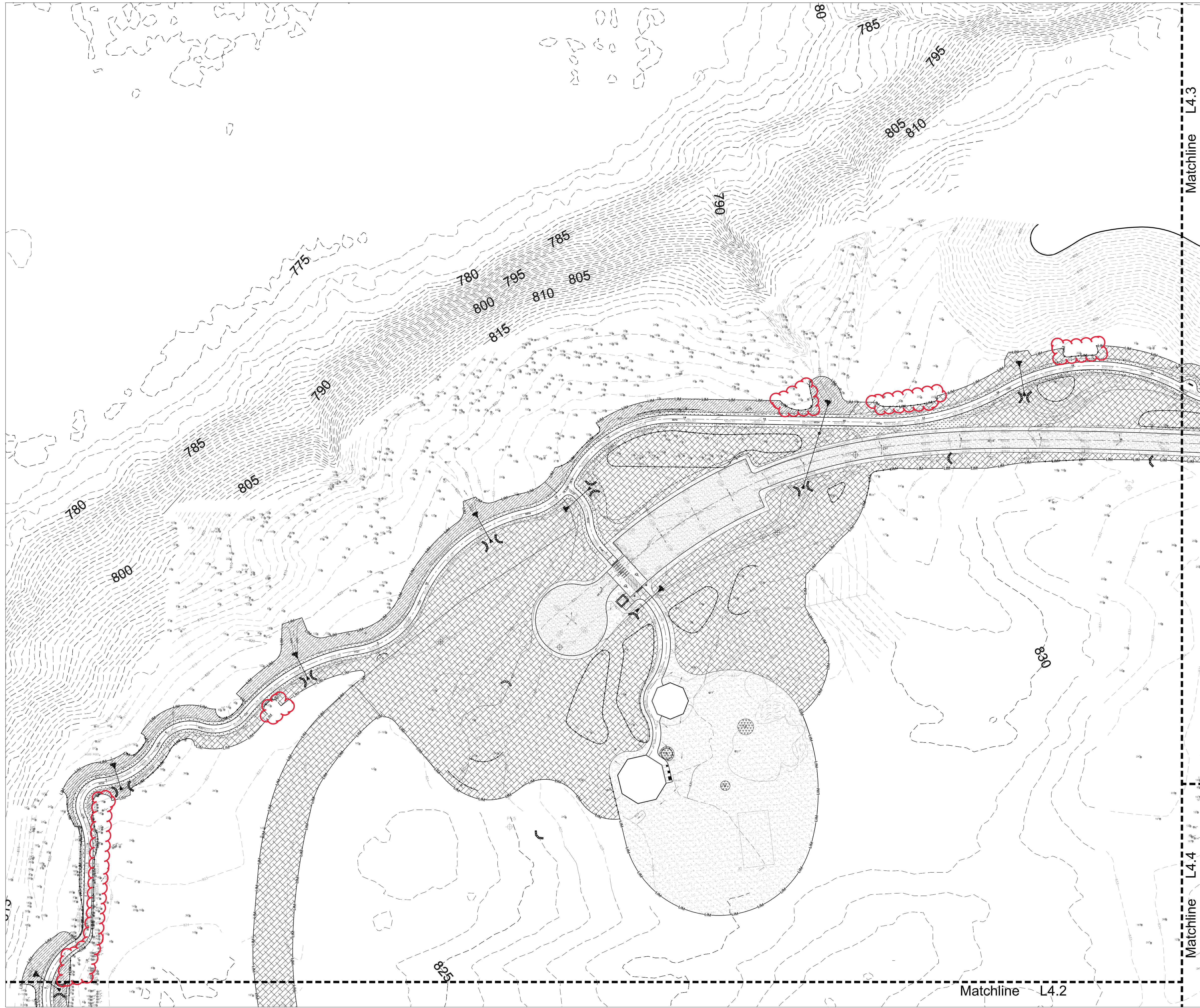
PLANTING PLAN - OVERALL

SHEET NUMBER  
**L4.0**













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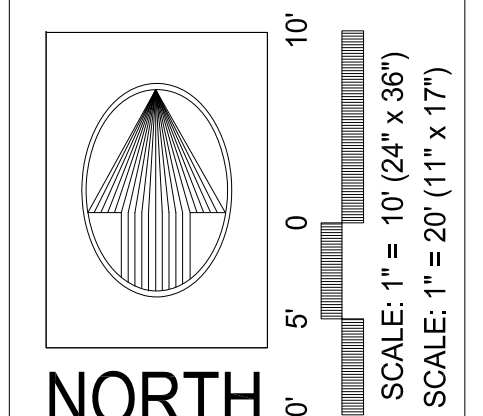
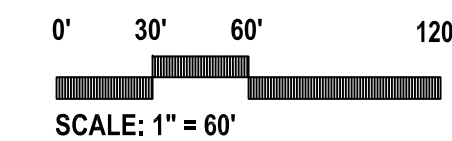
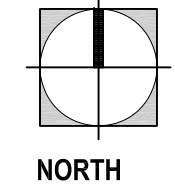
JOB No. 2036

- LEGEND**
- LCFPD Shortgrass Prairie Seed Mix
  - ECFPD Woodland Seed Mix
  - LCFPD Parkland Seed Mix
  - LCFPD High Traffic Seed Mix
  - LCFPD Low Maintenance Mix
  - Wetland Plant Mix
  - Mulch
  - Temporary Construction Fence, 4'
  - Limit of Work / Grading
  - Limit of Grading
  - Silt Fence, See Sheet 52
  - Filter Sock, See Sheet 53
- SCALE: 1" = 150'**
- NORTH**



**LEGEND**

-  LCFPD Shortgrass Prairie Seed Mix
-  LCFPD Woodland Seed Mix
-  LCFPD Parkland Seed Mix
-  LCFPD High Traffic Seed Mix
-  LCFPD Low Maintenance Mix
-  Wetland Plant Mix
-  Mulch
-  Temporary Construction Fence, 4'
-  Limit of Work / Grading
-  Limit of Grading
-  Silt Fence, See Sheet 52
-  Filter Sock, See Sheet 53



**LAKELWOOD FOREST PRESERVE**  
 LAKE COUNTY, ILLINOIS  
**PEARSON, BROWN & ASSOCIATES, INC.**  
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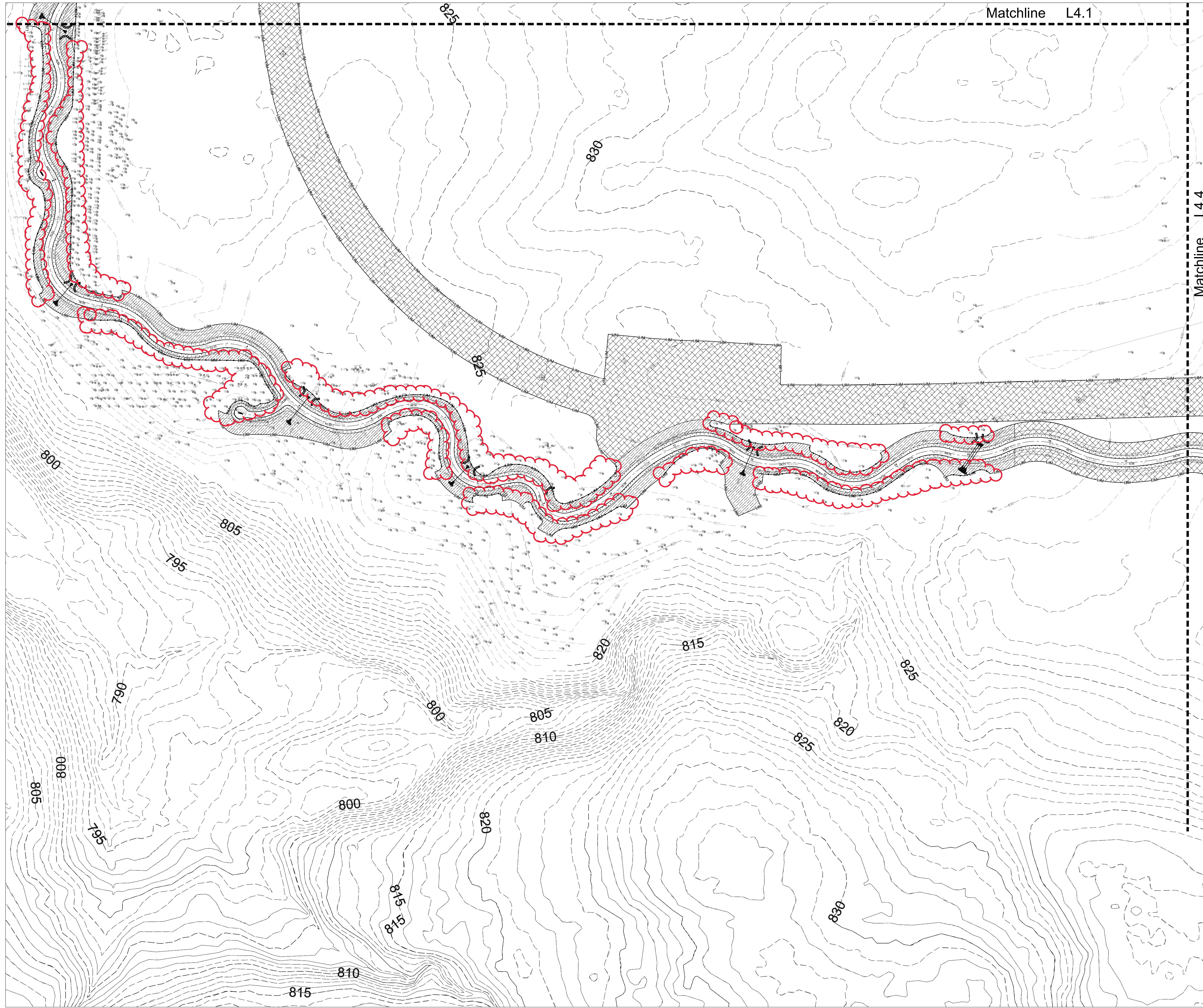
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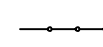
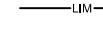


**PLANTING PLAN**

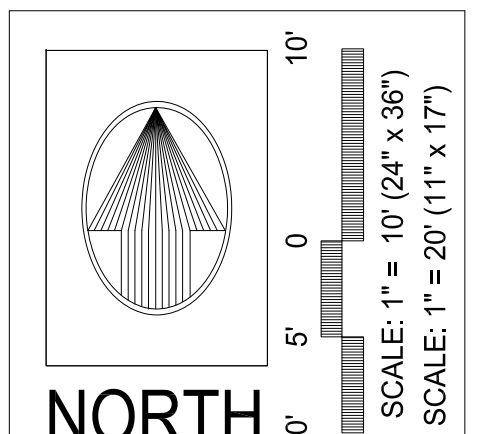
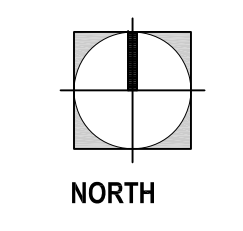
SHEET NUMBER  
**L4.1**

23 OF 27 SHEETS



**LEGEND**

-  LCFPD Shortgrass Prairie Seed Mix
-  LCFPD Woodland Seed Mix
-  LCFPD Parkland Seed Mix
-  LCFPD High Traffic Seed Mix
-  LCFPD Low Maintenance Mix
-  Wetland Plant Mix
-  Mulch
-  Temporary Construction Fence, 4'
-  Limit of Work / Grading
-  Limit of Grading
-  Silt Fence, See Sheet 52
-  Filter Sock, See Sheet 53



**LAKewood FOREST PRESERVE**  
 LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 1850 W. WINCHESTER ROAD, SUITE 205  
 LIBERTYVILLE, IL 60048  
 PHONE: (847) 387-5707  
 FAX: (847) 387-2567  
 E-MAIL ADDRESS: pba@pearsonbrown.com

DESIGNED BY: BFM  
 DRAWN BY: BFM  
 CHECKED BY: KK  
 ORIGINAL ISSUE: 0000000

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DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

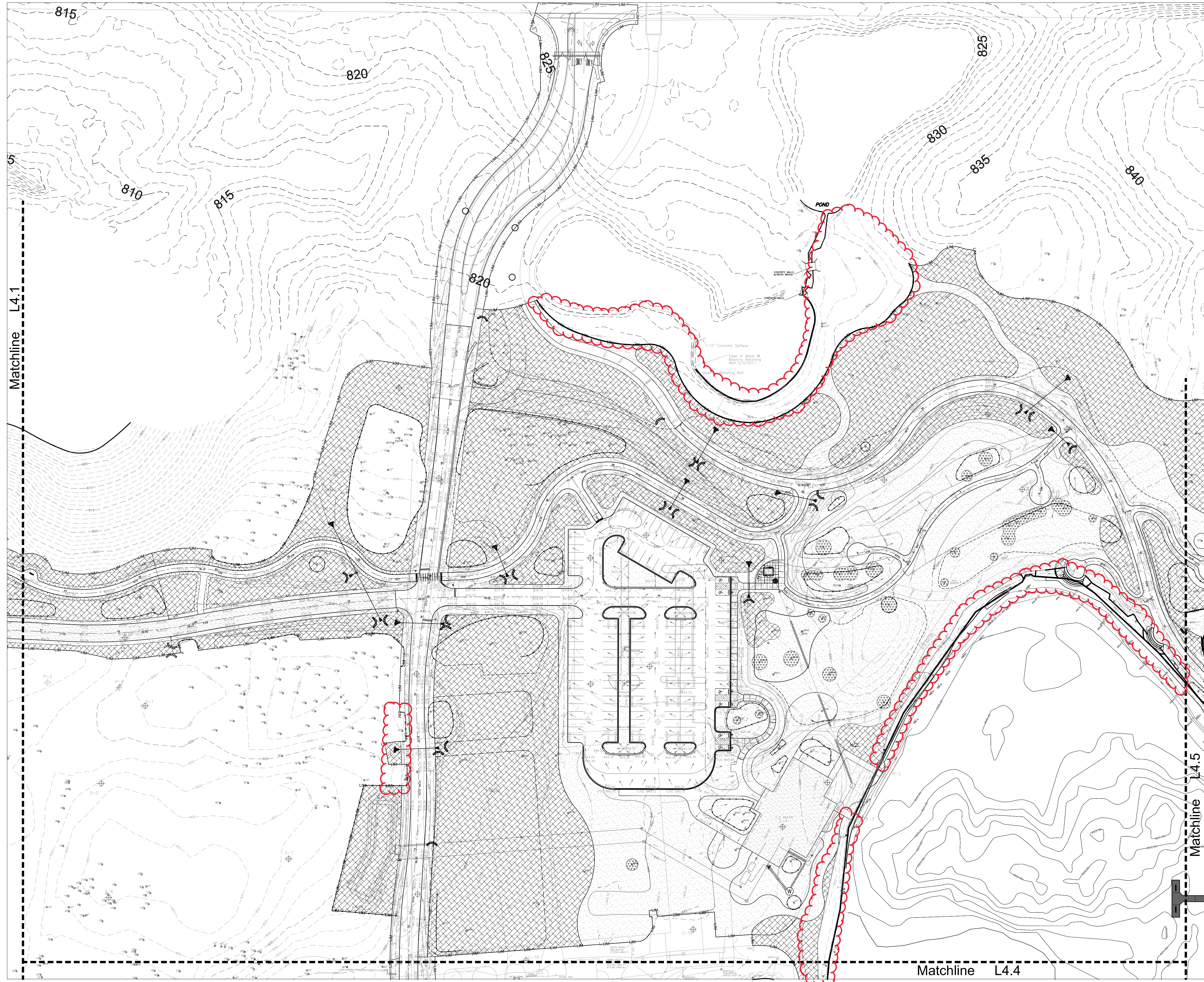
**REVISIONS**

PLANTING PLAN

SHEET NUMBER  
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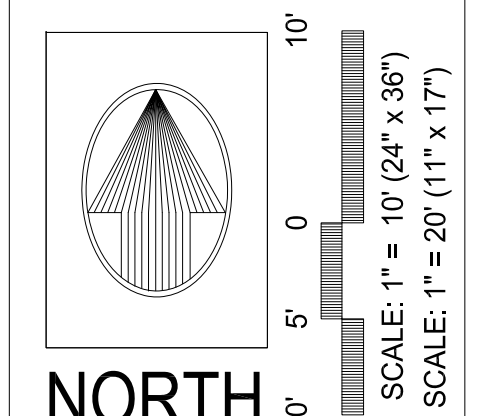
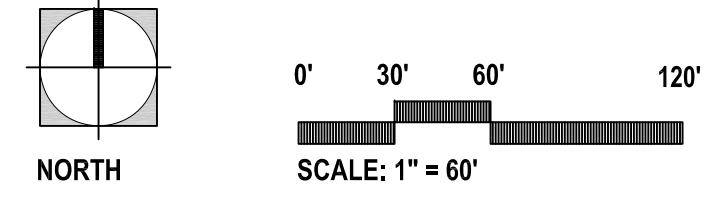
24 OF 27 SHEETS

JOB No. 2036



**LEGEND**

- LCFPD Shortgrass Prairie Seed Mix
- LCFPD Woodland Seed Mix
- LCFPD Parkland Seed Mix
- LCFPD High Traffic Seed Mix
- LCFPD Low Maintenance Mix
- Wetland Plant Mix
- Mulch
- Temporary Construction Fence, 4'
- Limit of Work / Grading
- Limit of Grading
- Silt Fence, See Sheet 52
- Filter Sock, See Sheet 53



**LAKELWOOD FOREST PRESERVE**  
LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
1850 W. WINCHESTER ROAD, SUITE 205  
LIBERTYVILLE, IL 60048  
PHONE: (847) 387-5707  
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DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

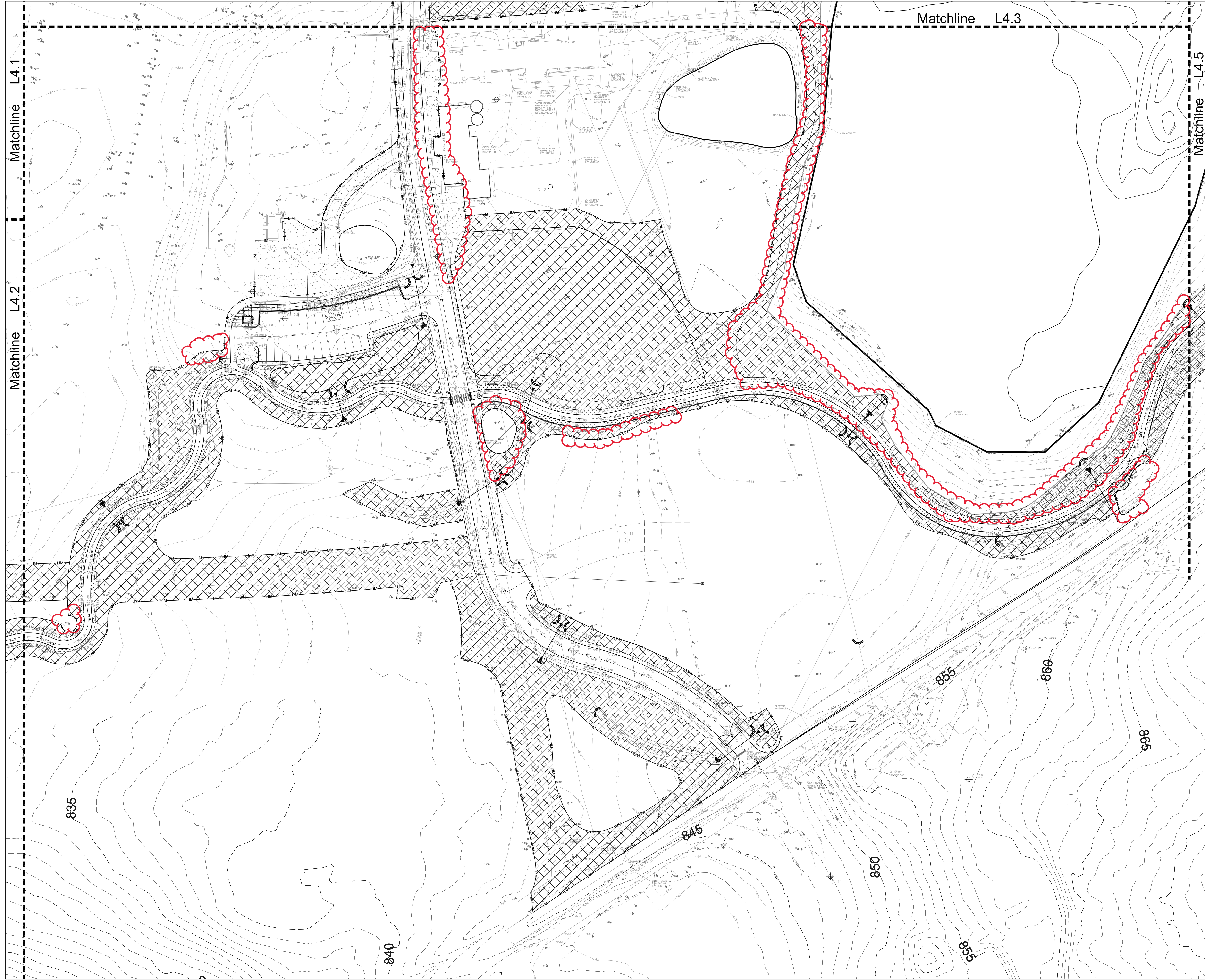
**PLANTING PLAN**

**REVISIONS**








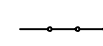
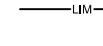



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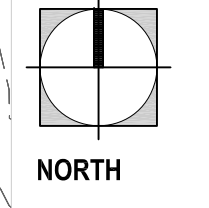
25 OF 27 SHEETS

JOB No. 2036



**LEGEND**

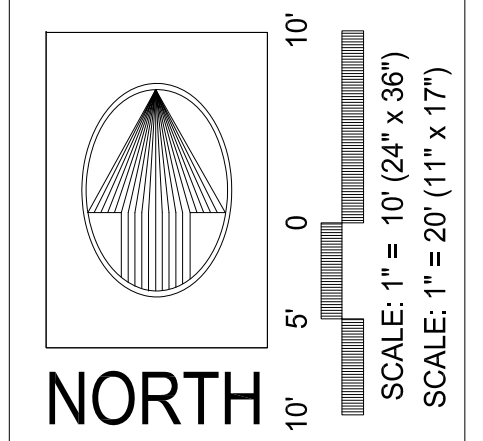
-  LCFPD Shortgrass Prairie Seed Mix
-  LCFPD Woodland Seed Mix
-  LCFPD Parkland Seed Mix
-  LCFPD High Traffic Seed Mix
-  LCFPD Low Maintenance Mix
-  Wetland Plant Mix
-  Mulch
-  Temporary Construction Fence, 4'
-  Limit of Work / Grading
-  Limit of Grading
-  Silt Fence, See Sheet 52
-  Filter Sock, See Sheet 53



**LAKWOOD FOREST PRESERVE**  
LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
1850 W. WINCHESTER ROAD, SUITE 205  
LIBERTYVILLE, IL 60048  
PHONE: (847) 387-5707  
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DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

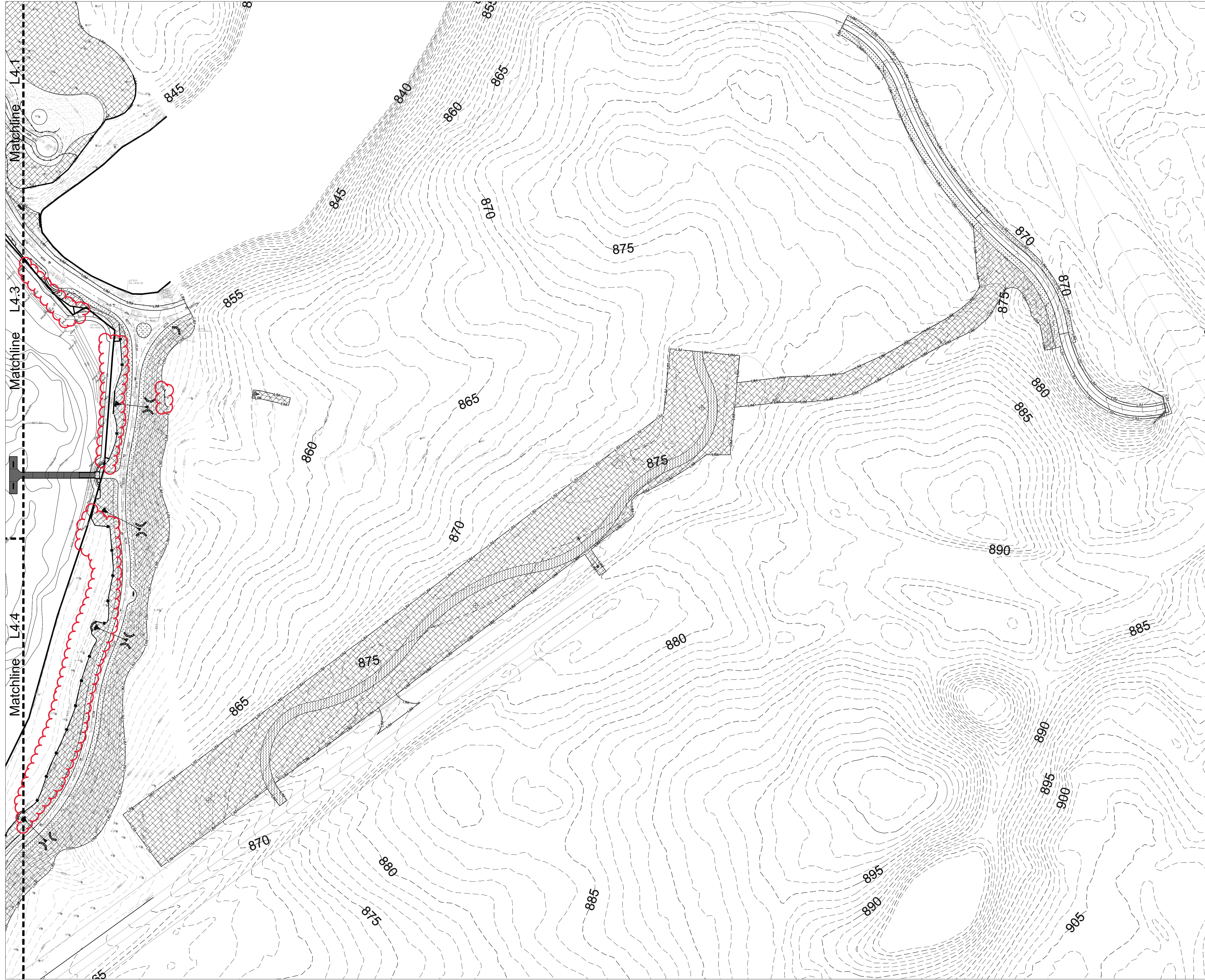
**REVISIONS**

NO.	DATE	DESCRIPTION
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**PLANTING PLAN**

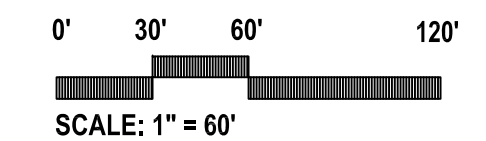
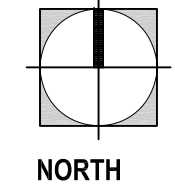
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**L4.4**  
JOB No. 2036  
26 OF 27 SHEETS

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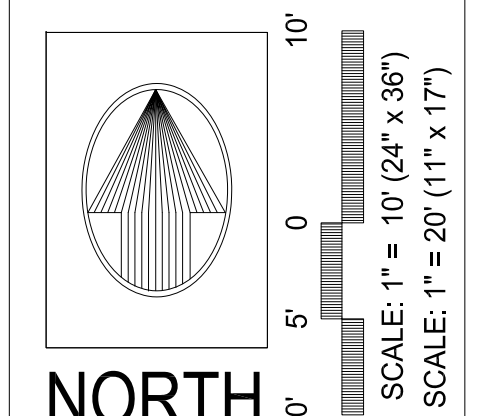
**LEGEND**

- LCFPD Shortgrass Prairie Seed Mix
- LCFPD Woodland Seed Mix
- LCFPD Parkland Seed Mix
- LCFPD High Traffic Seed Mix
- LCFPD Low Maintenance Mix
- Wetland Plant Mix
- Mulch
- Temporary Construction Fence, 4'
- Limit of Work / Grading
- Limit of Grading
- Silt Fence, See Sheet 52
- Filter Sock, See Sheet 53



**LAKWOOD FOREST PRESERVE**

LAKE COUNTY, ILLINOIS  
**PEARSON, BROWN & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 1850 W. WINCHESTER ROAD, SUITE 205  
 LIBERTYVILLE, IL 60048  
 PHONE: (847) 387-5707  
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DESIGNED BY: BFM  
 DRAWN BY: BFM  
 CHECKED BY: KK  
 ORIGINAL ISSUE: 000000

**REVISIONS**

DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

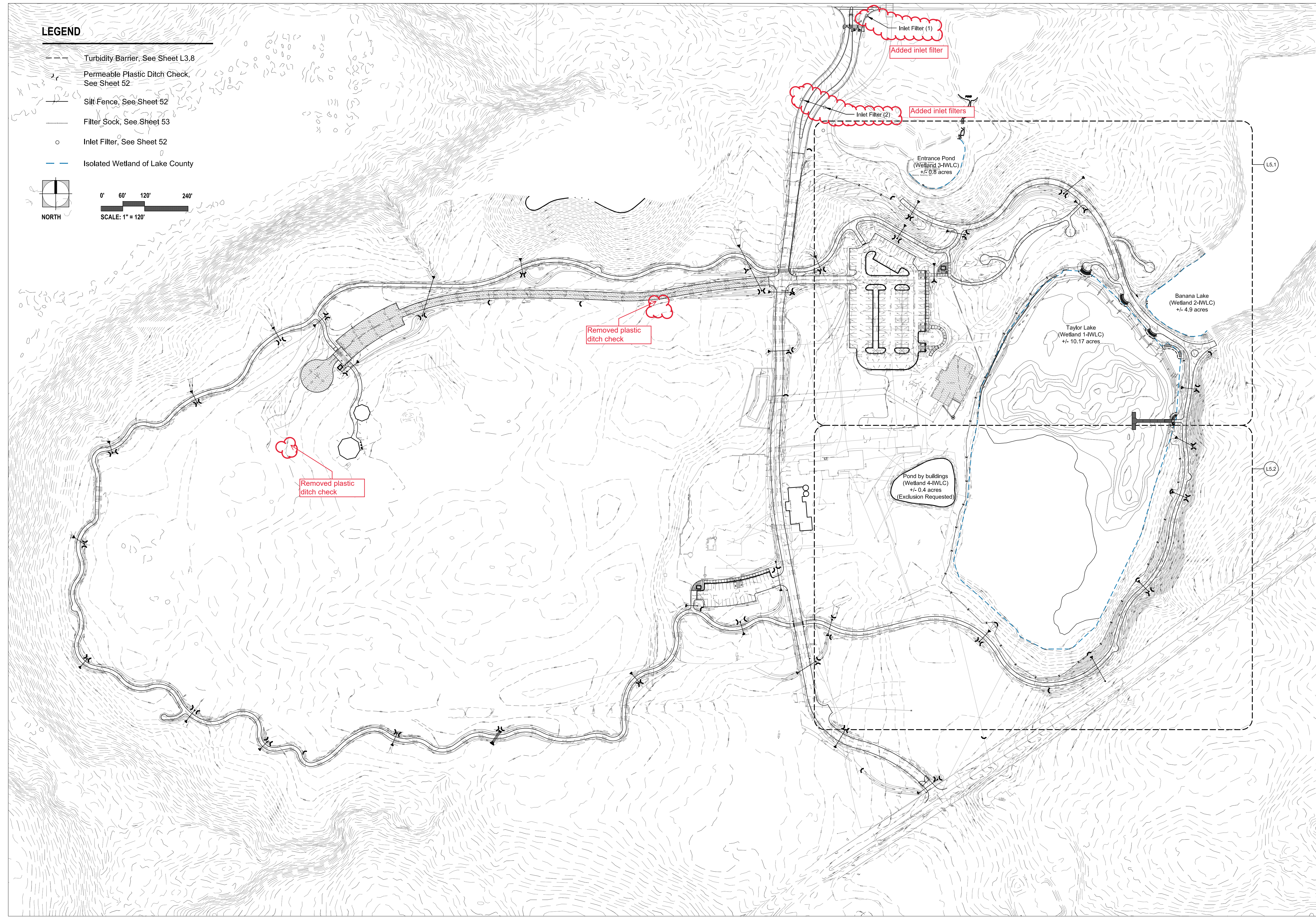
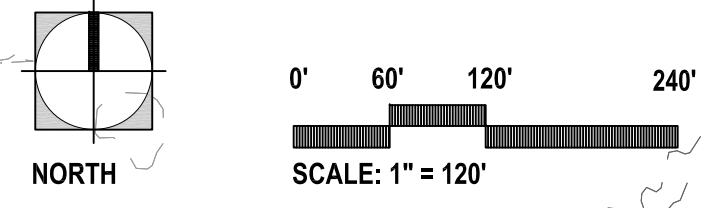
**PLANTING PLAN**

SHEET NUMBER  
**L4.5**  
 JOB No. 2036  
 27 OF 27 SHEETS

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**LEGEND**

- Turbidity Barrier, See Sheet L3.8
- ~ Permeable Plastic Ditch Check, See Sheet 52
- Silt Fence, See Sheet 52
- Filter Sock, See Sheet 53
- Inlet Filter, See Sheet 52
- Isolated Wetland of Lake County



**LAKewood FOREST PRESERVE**  
LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
1850 W. WINCHESTER ROAD, SUITE 205  
LIBERTYVILLE, IL 60048  
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FAX: (847) 387-2567  
E-MAIL ADDRESS: pba@pearsonbrown.com

DESIGNED BY: BFM  
DRAWN BY: BFM  
CHECKED BY: KK  
ORIGINAL ISSUE: 0000000

**NORTH**

SCALE: 1" = 20' (11" x 17')

DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

**SOIL EROSION / SEDIMENT CONTROL - OVERALL**

**REVISIONS**

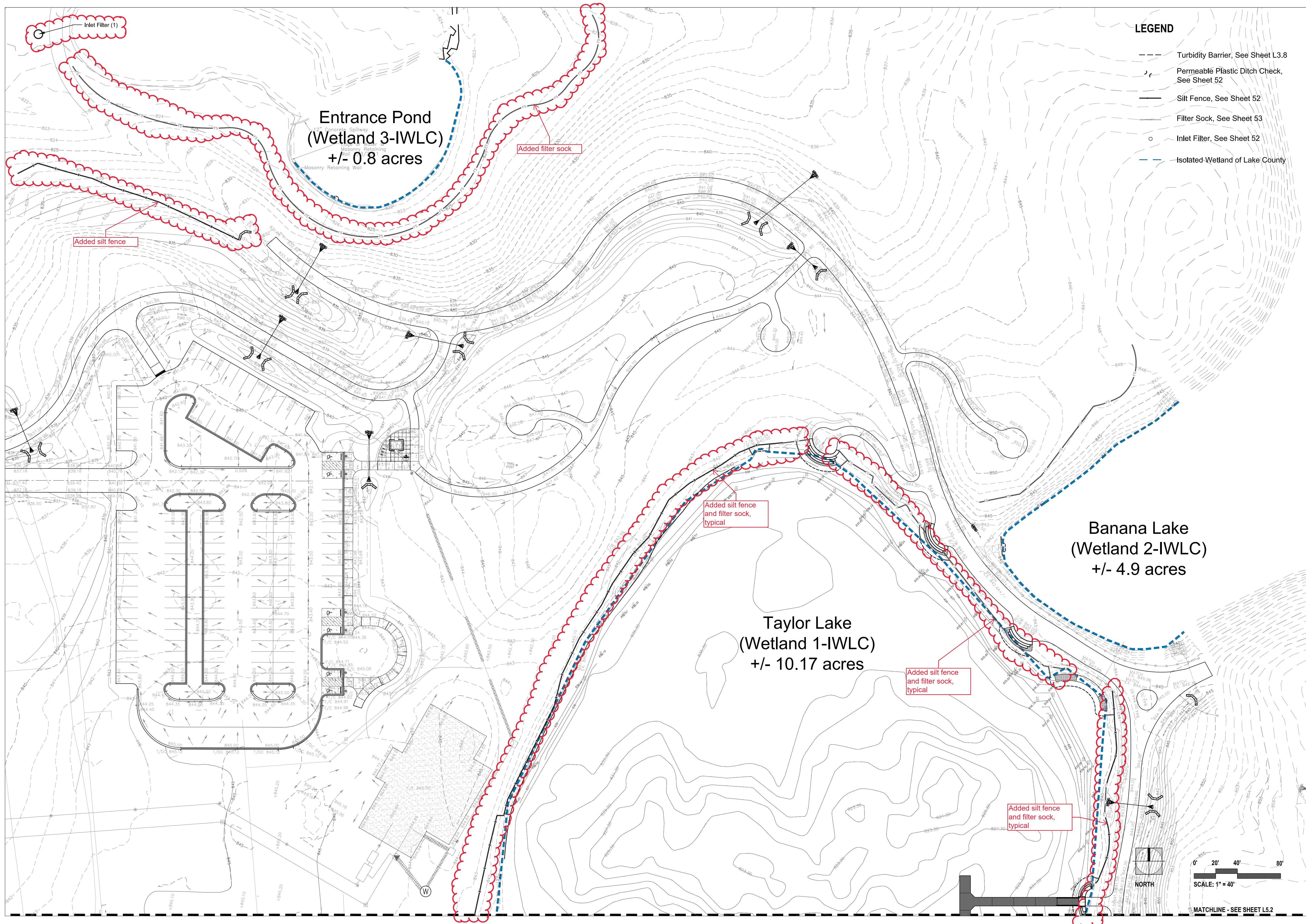
SHEET NUMBER

**L5.0**

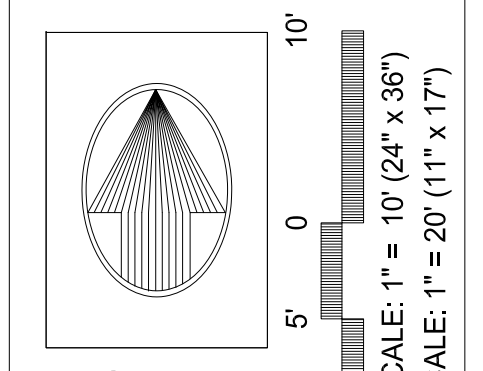
JOB No. 2036

1 OF 3 SHEETS

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- LEGEND**
- Turbidity Barrier, See Sheet L3.8
  - - - Permeable Plastic Ditch Check, See Sheet 52
  - Silt Fence, See Sheet 52
  - - - Filter Sock, See Sheet 53
  - o Inlet Filter, See Sheet 52
  - - - Isolated Wetland of Lake County



**NORTH**

**LAKELWOOD FOREST PRESERVE**  
LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
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LIBERTYVILLE, IL 60048  
PHONE: (847) 387-5707  
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CHECKED BY: KK  
ORIGINAL ISSUE: 000000

DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

**REVISIONS**

SOIL EROSION / SEDIMENT CONTROL

SHEET NUMBER  
**L5.1**

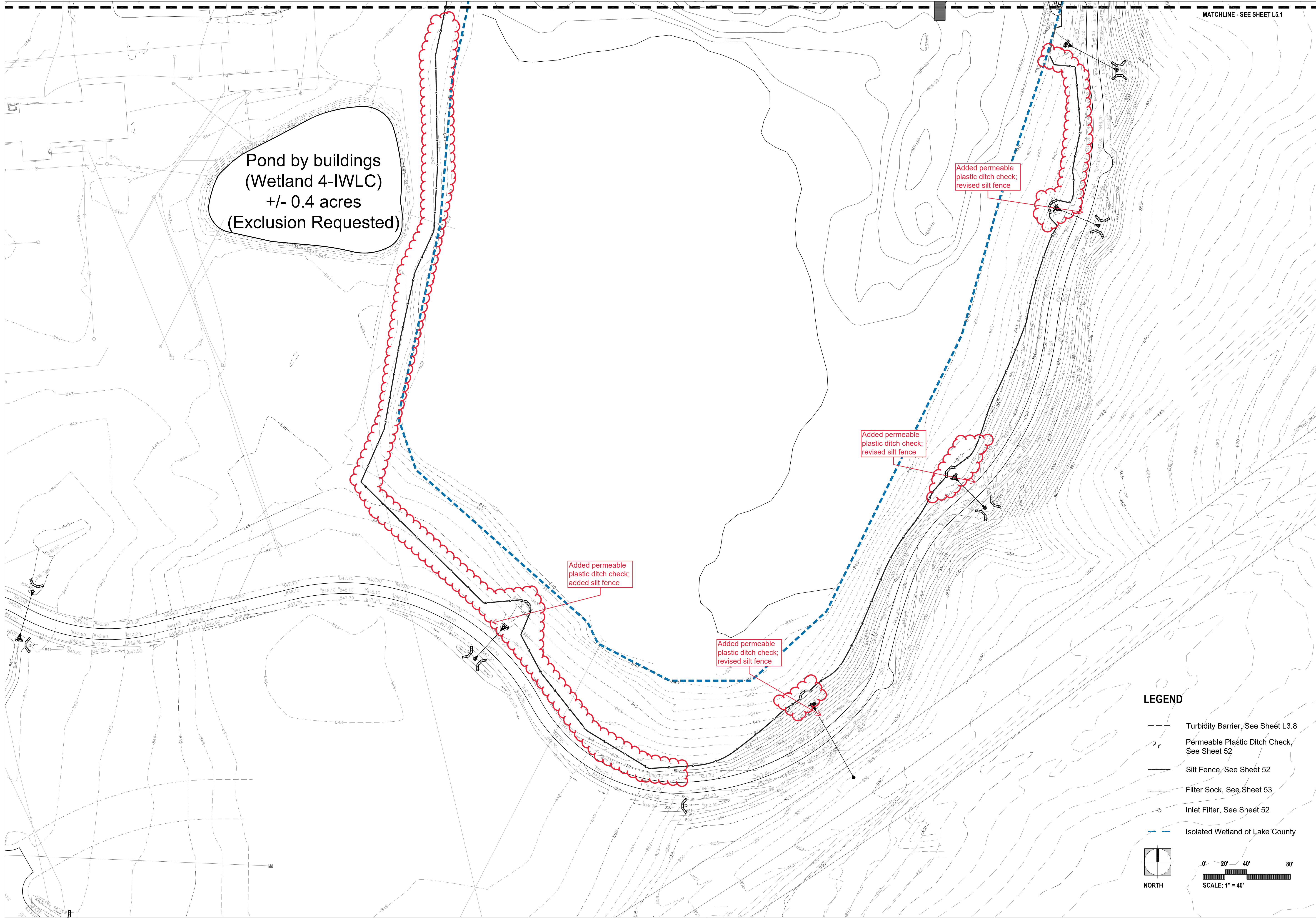
2 OF 3 SHEETS

JOB No. 2036

SCALE: 1" = 40'

MATCHLINE - SEE SHEET L5.2





MATCHLINE - SEE SHEET L5.1

Pond by buildings  
(Wetland 4-IWLC)  
+/- 0.4 acres  
(Exclusion Requested)

Added permeable  
plastic ditch check;  
revised silt fence

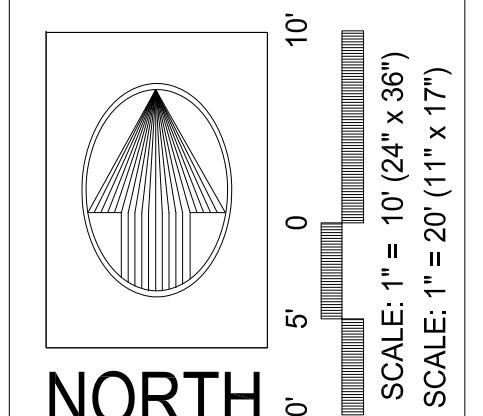
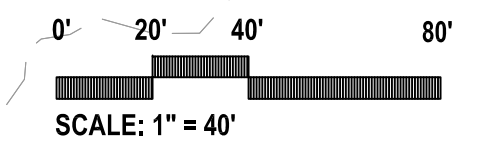
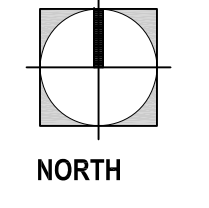
Added permeable  
plastic ditch check;  
revised silt fence

Added permeable  
plastic ditch check;  
revised silt fence

Added permeable  
plastic ditch check;  
added silt fence

**LEGEND**

- Turbidity Barrier, See Sheet L3.8
- ~ Permeable Plastic Ditch Check, See Sheet 52
- Silt Fence, See Sheet 52
- Filter Sock, See Sheet 53
- Inlet Filter, See Sheet 52
- - - Isolated Wetland of Lake County



**LAKewood FOREST PRESERVE**  
LAKE COUNTY, ILLINOIS

**PEARSON, BROWN & ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
1850 W. WINCHESTER ROAD, SUITE 205  
LIBERTYVILLE, IL 60048  
PHONE: (847) 387-6707  
FAX: (847) 387-2567  
E-MAIL ADDRESS: pba@pearsonbrown.com

DESIGNED BY: BFM  
DRAWN BY: BFM  
CHECKED BY: KK  
ORIGINAL ISSUE: 000000

SCALE: 1" = 10' (24" x 36")  
SCALE: 1" = 20' (11" x 17")

DATE BY	DESCRIPTION
09/25/23 BFM	ISSUE FOR CONSTRUCTION

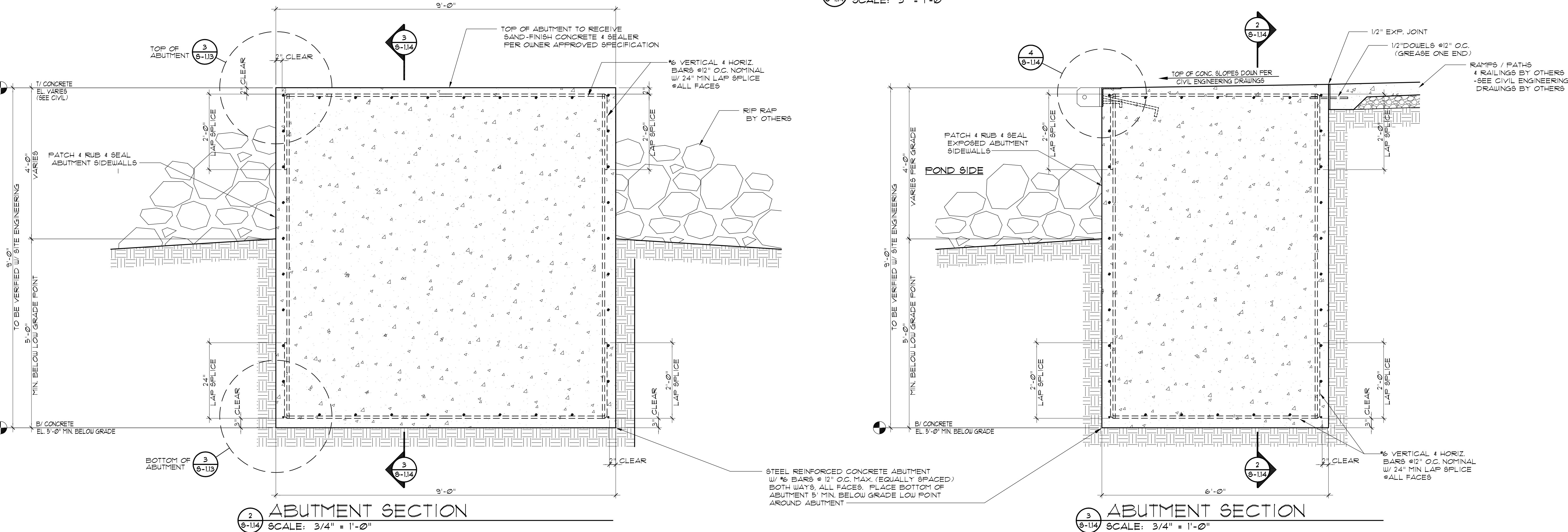
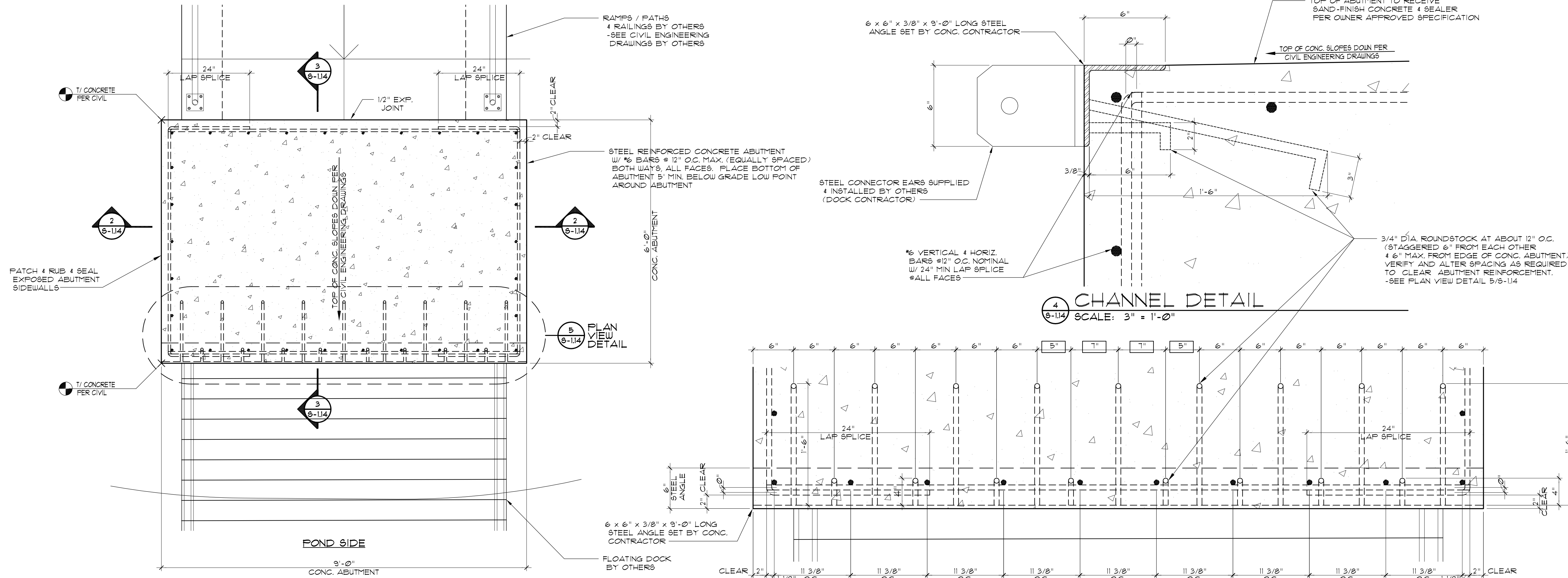
**REVISIONS**

SOIL EROSION / SEDIMENT CONTROL

SHEET NUMBER  
**L5.2**

3 OF 3 SHEETS

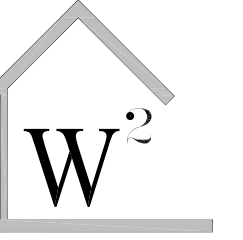
JOB No. 2036



# EVAPORATOR RESTROOM FACILITY

## LAKWOOD FOREST PRESERVE

WELLS P. WHEELER  
 ARCHITECT  
 ALA  
 1100 N. WAUKEGAN RD.  
 LAKE FOREST  
 ILLINOIS 60045



TEL: 847-604-8819  
 CEL: 847-804-0487  
 WWARCH@SBCGLOBAL.NET

22052.LW

November 9, 2022



LICENSE EXPIRES Nov. 30, 2022  
*Wells P. Wheeler*

DRAWING ISSUES:  
 ISSUED FOR PLAN REVIEW  
 NOVEMBER 9, 2022

### GENERAL NOTES:

- THE CONTRACT DOCUMENTS FOR THIS PROJECT CONSIST OF DRAWINGS AND SPECIFICATIONS PREPARED BY WELLS P. WHEELER, ALA, ARCHITECT, AND THE LAKE COUNTY FOREST PRESERVE DISTRICT.
- THESE DRAWINGS ARE NOT AUTHORIZED TO BE COPIED OR REPRODUCED, IN WHOLE OR PART, IN ANY MANNER WHATSOEVER, NOR SHALL CHANGES AFFECTING THE DESIGN BE MADE WITHOUT OBTAINING WRITTEN PERMISSION FROM THE ARCHITECT OR OWNER.
- ALL WORK SHALL CONFORM WITH ALL INDUSTRIAL AND MANUFACTURER'S PUBLISHED STANDARDS AS WELL AS WITH ALL REQUIREMENTS SHOWN IN THESE DRAWINGS AND SPECIFICATIONS. ANY CONFLICTING REQUIREMENTS OF LISTED SOURCES SHALL BE BROUGHT TO THE ARCHITECT'S OR OWNER'S ATTENTION PRIOR TO PROCEEDING WITH WORK.
- DO NOT SCALE DRAWINGS UNLESS NOTED OTHERWISE. GIVEN DIMENSIONS SHALL GOVERN. LARGE SCALE DETAILS GOVERN OVER SMALL SCALE DETAILS.

### CARPENTRY & ACCESSORIES:

- SCOPE: FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES FOR ROUGH & FINISH CARPENTRY WORK INCLUDING BUT NOT LIMITED TO THE FOLLOWING:
    - ROUGH FRAMING
    - ROUGH HARDWARE & FASTENERS
    - CUTTING & PATCHING
    - WOOD SIDING & FRP PANELING
    - INSTALLATION OF FINISH HARDWARE
    - TOILET ACCESSORIES & FIXTURES
    - SHEET METAL ROOFING
  - MATERIALS AND WORKMANSHIP: CARPENTRY WORK SHALL BE WARRANTED TO STAND FOR AT LEAST ONE YEAR FROM THE DATE OF COMPLETION OF THE BUILDING WITHOUT OPENING OF JOINTS, WARPING, CRACKING OR SHOWING OTHER DEFECTS AND THE CONTRACTOR SHALL MAKE GOOD AT HIS OWN EXPENSE ANY DEFECTS WHICH MAY OCCUR DURING THAT PERIOD.
  - TEMPORARY ENCLOSURES: PROTECT WORK AREA FROM WEATHER AND FROM FREEZING AND FROM OCCUPIED PORTIONS OF THE BUILDING.
  - ROUGH HARDWARE: PROVIDE ALL NAILS, SPIKES, SCREWS, BOLTS, FASTENERS, PLATES AND OTHER SIMILAR ROUGH HARDWARE REQUIRED FOR WORK SHOWN ON DRAWINGS.
  - ROUGH LUMBER: NO. 1 CONSTRUCTION GRADE, TREATED FOR MEMBERS IN CONTACT w/ FOUNDATIONS, CONCRETE SLABS, OR WHERE EXPOSED TO THE WEATHER.
- CONSULT THE PLANS AND SPECIFICATIONS OF OTHER CONTRACTORS FOR ANY CARPENTRY WORK WHICH IS NECESSARY FOR THOROUGH COMPLETION OF ALL WORK.
- WHEN WORK CONNECTS WITH WORK OF OTHER TRADES, THE CARPENTRY CONTRACTOR SHALL DO ALL NECESSARY CUTTING AND FITTING SO AS TO COMPLETE CONSTRUCTION IN A FINISHED CONDITION.

### SHEET INDEX

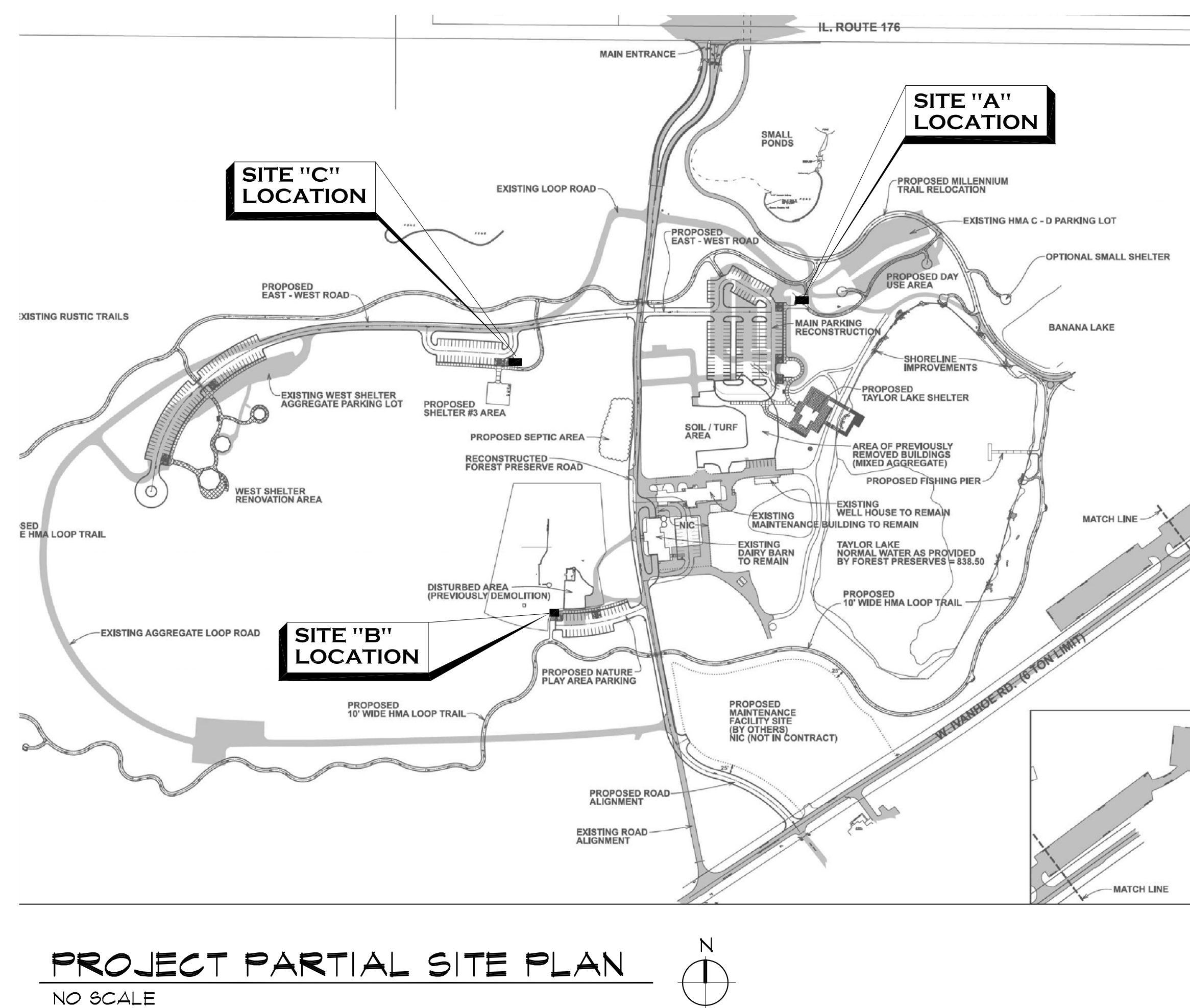
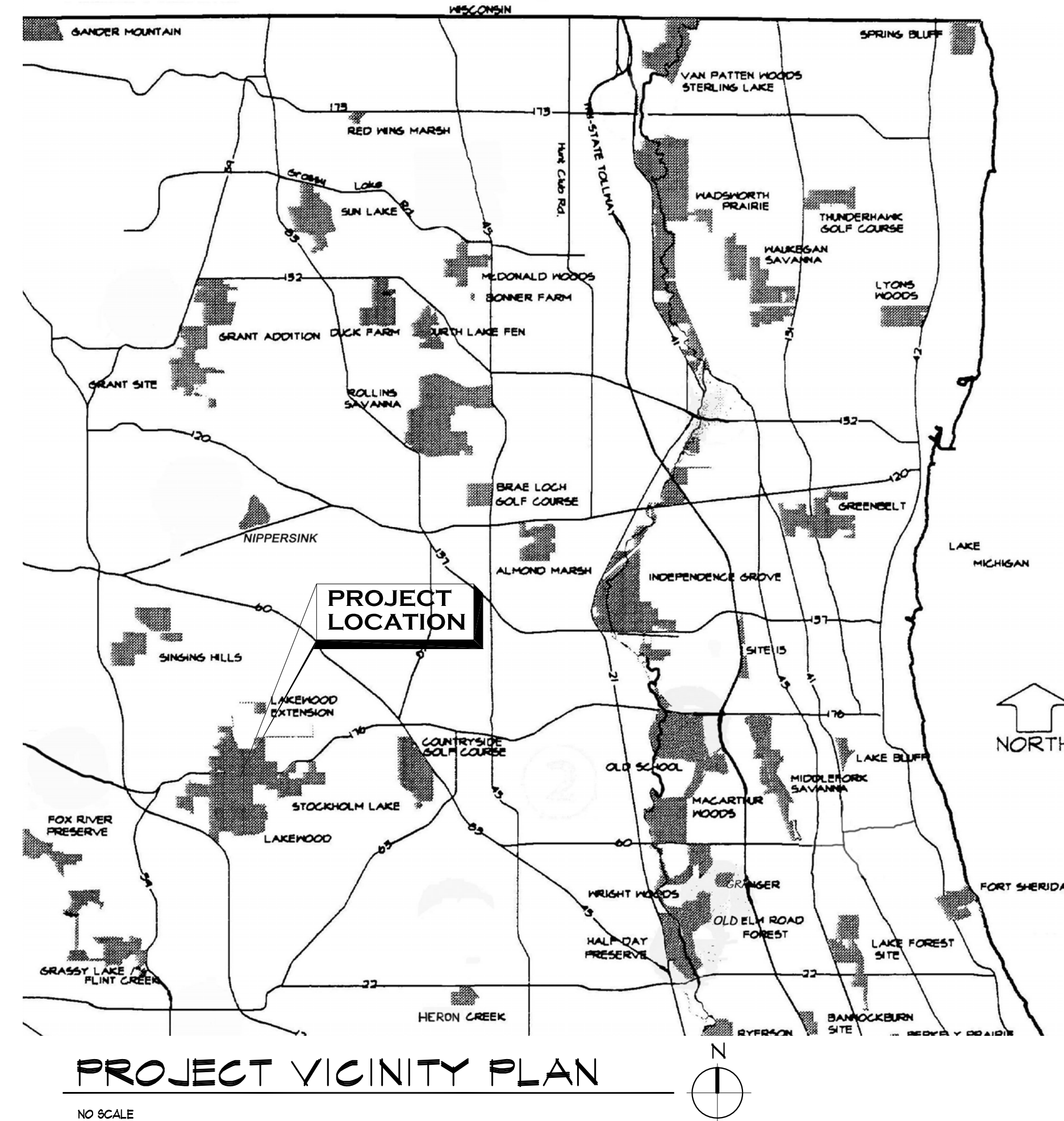
- A-1 COVER AND GENERAL NOTES
- A-2 (NOT INCLUDED)
- A-3 PLANS AND ELEVATIONS
- A-4 VAULT FABRICATION AND NOTES

### SCOPE OF WORK

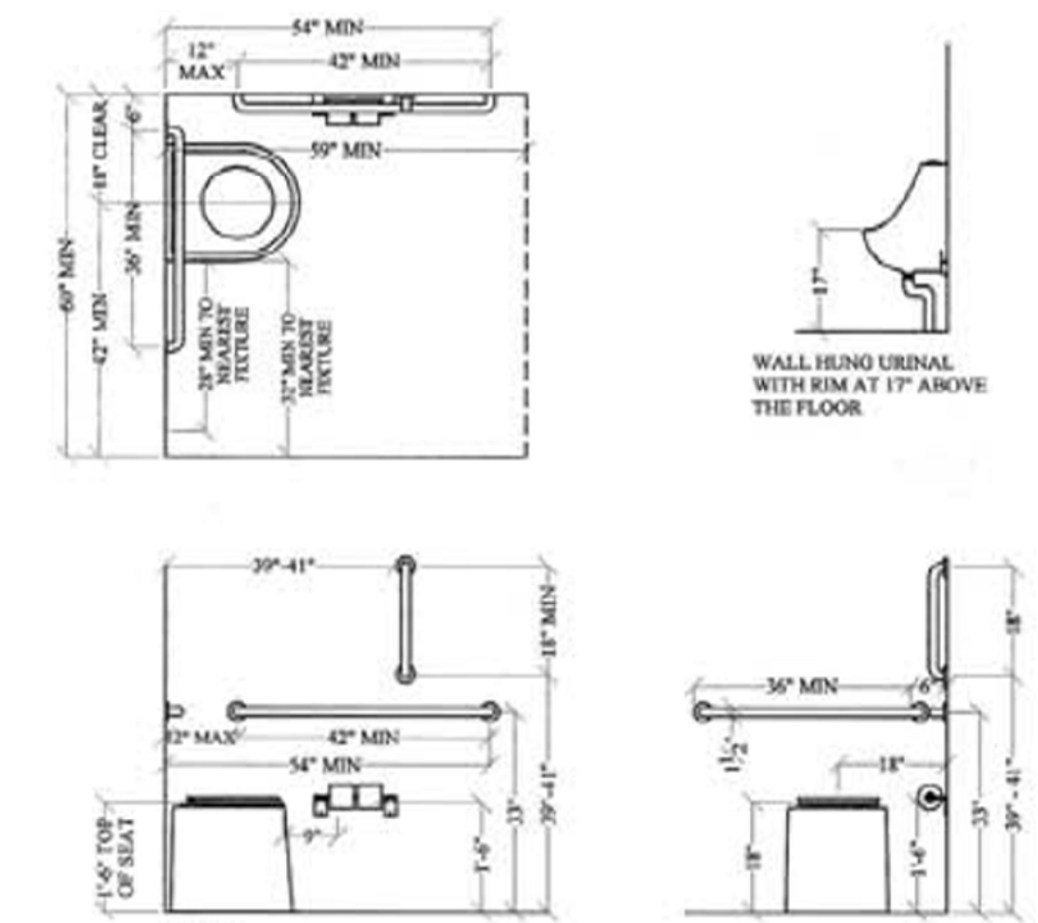
Contractor shall include all work necessary to set the vault and lid as shown on Sheet A-4, including all excavating, filling, grading, and the procurement and placement of the precast concrete vault.

The Contractor shall install all utilities within the vault as shown on Vault Section and PVC Duct Plan on Sheet A-3, and stub out as necessary.

The above-grade structure shown on the elevations on Sheet A-2 is by others. All carpentry, roofing, plumbing fixture placement, and electrical / solar shall be excluded from the Contractor's scope of work.



NOTE: SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. MOUNTING HEIGHT SHALL BE AT 60" AFF. TO THE CENTERLINE OF THE SIGN. (DESIGN MAY VARY FROM THAT SHOWN ABOVE). SIGN SHALL INCLUDE RAISED BRAILLE LETTERING.



ACCESSIBLE RESTROOM FIXTURE REQUIREMENTS  
 SCALE: 3/8" = 1'-0"



Lake County  
 Forest Preserves  
 1899  
 WINCHESTER ROAD  
 LIBERTYVILLE  
 ILLINOIS 60048  
 847-367-6640

LAKWOOD  
 EVAPORATOR  
 RESTROOM  
 FACILITY

COVER AND  
 GENERAL NOTES

SHEET No.:

A-1



TEL: 847-604-8819  
 CEL: 847-804-0487  
 WWARCH@SBCGLOBAL.NET

22052.LW

November 9, 2022



LICENSE EXPIRES Nov. 30, 2022

*W. P. Wheeler*

DRAWING ISSUES:  
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 NOVEMBER 9, 2022



Lake County  
 Forest Preserves

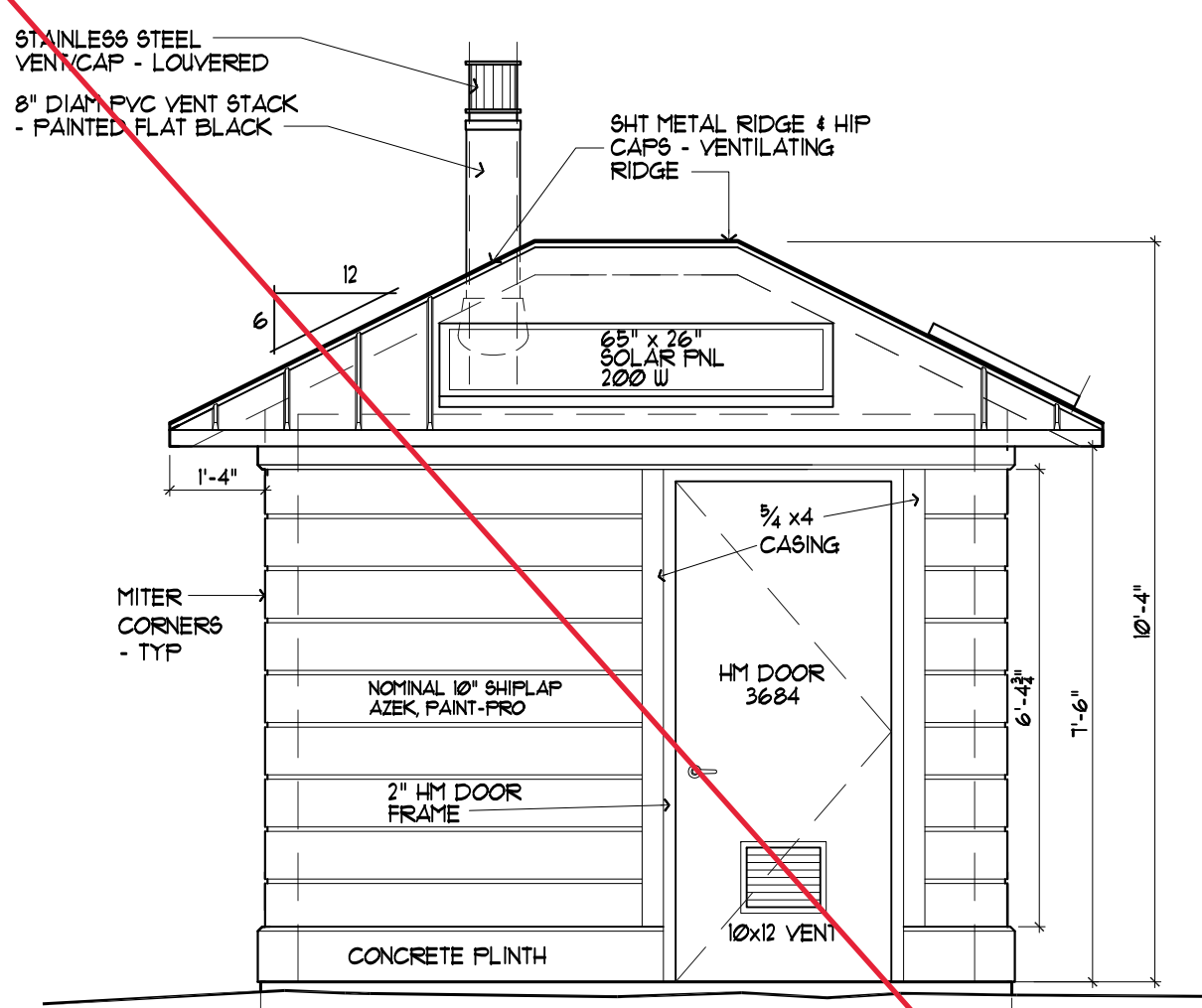
1899  
 WINCHESTER ROAD  
 LIBERTYVILLE  
 ILLINOIS 60048  
 847-367-6640

LAKWOOD  
 EVAPORATOR  
 RESTROOM  
 FACILITY

PLANS AND  
 ELEVATIONS

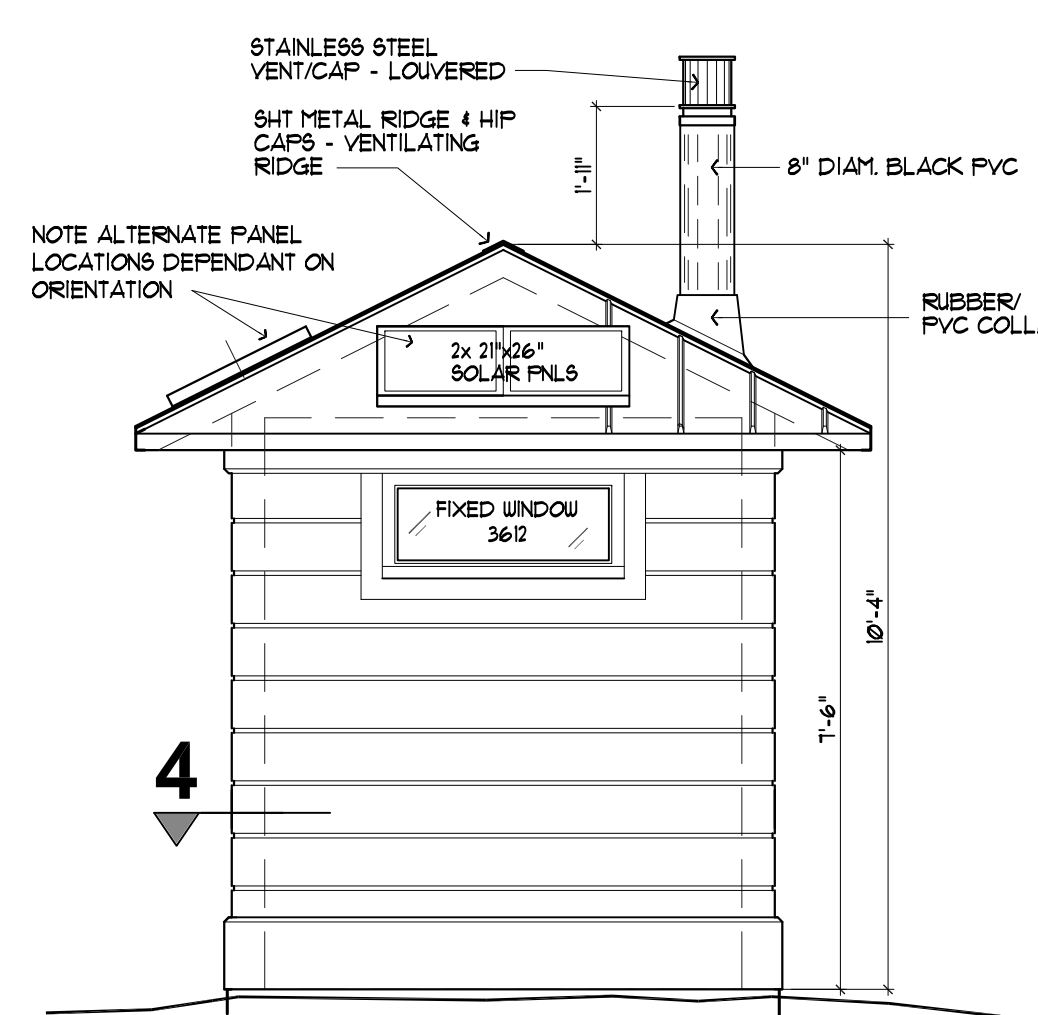
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A-3



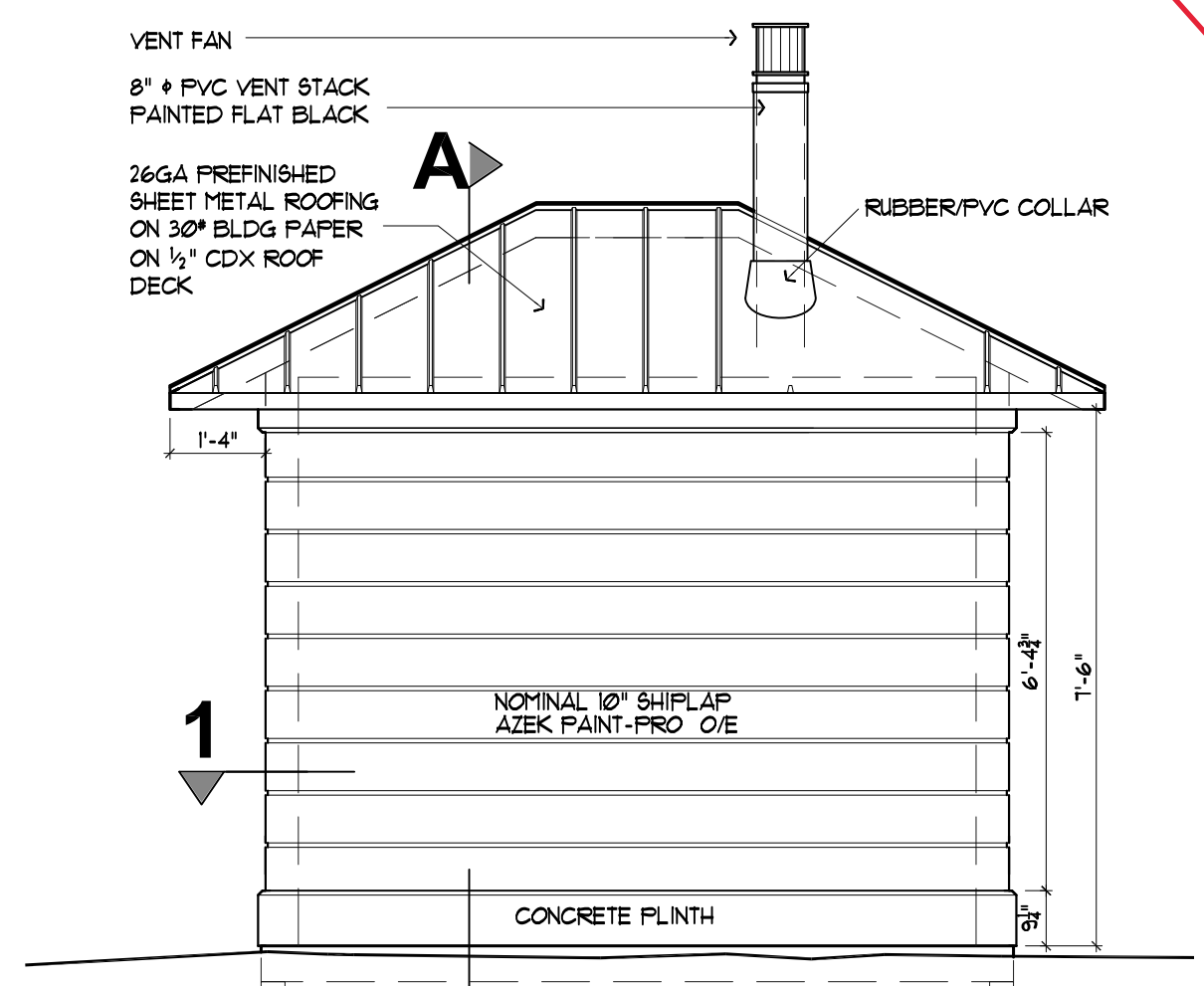
FRONT ELEVATION

SCALE: 3/8" = 1'-0"



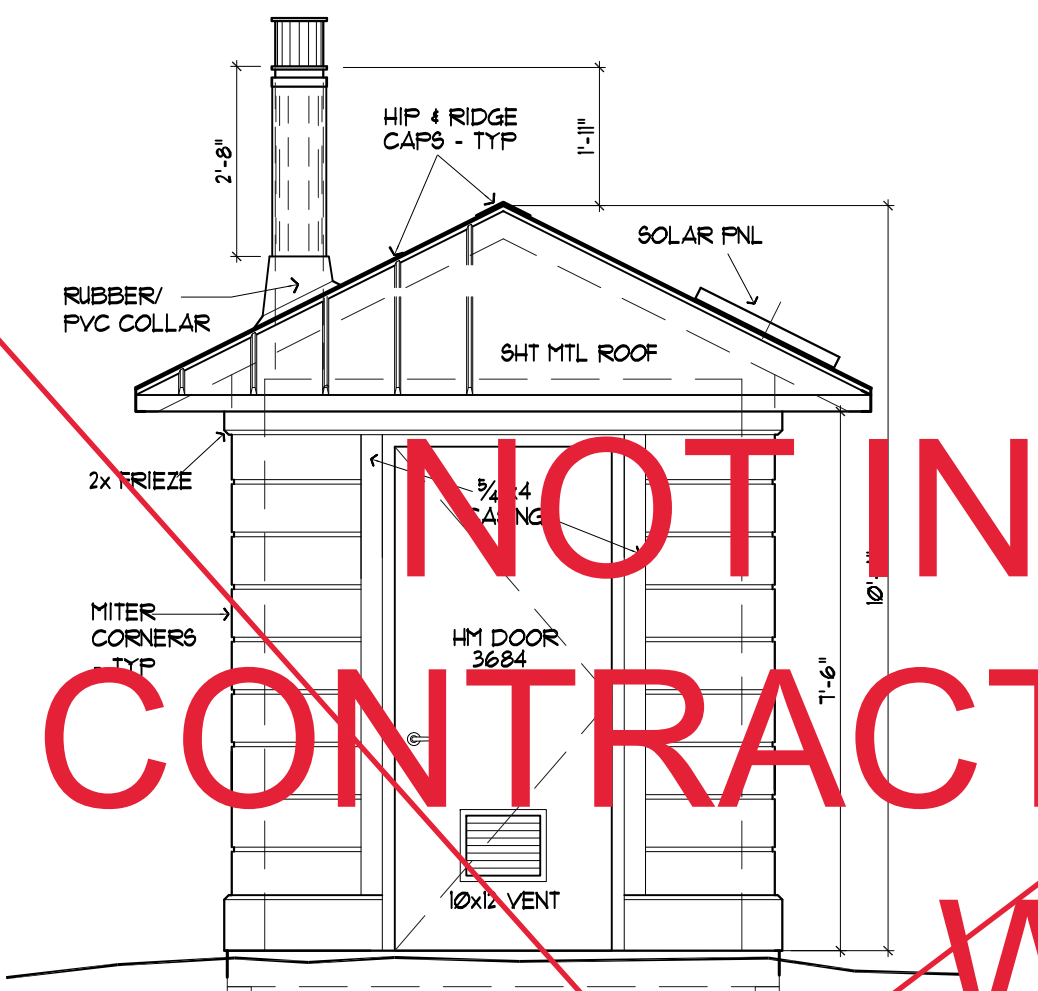
RIGHT SIDE ELEVATION

SCALE: 3/8" = 1'-0"



REAR ELEVATION

SCALE: 3/8" = 1'-0"



LEFT SIDE ELEVATION

SCALE: 3/8" = 1'-0"

1 WALL DETAIL

SCALE: 3/4" = 1'-0"

2 SIDING DETAIL

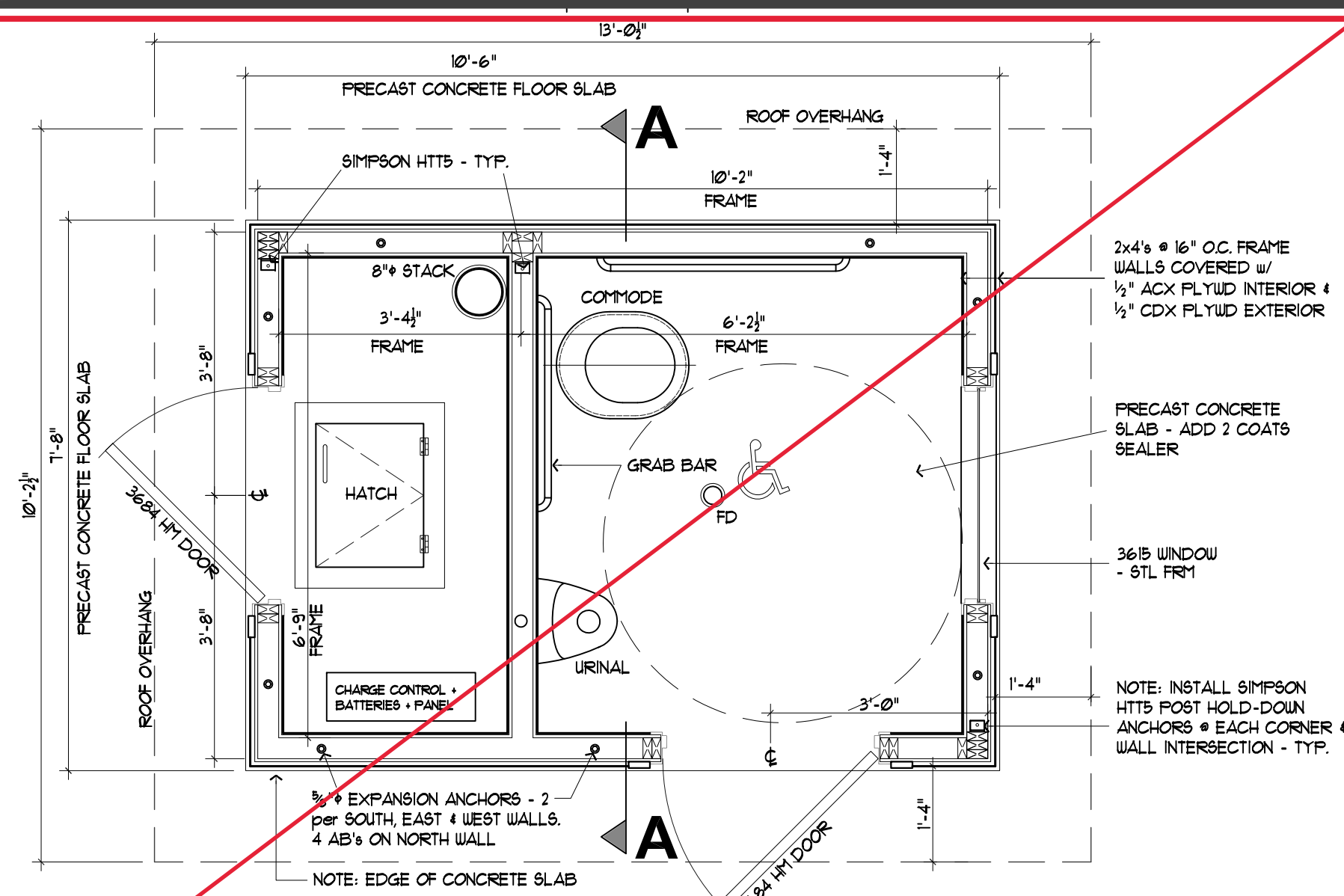
SCALE: 3" = 1'-0"

3 PLINTH DETAIL

SCALE: 3" = 1'-0"

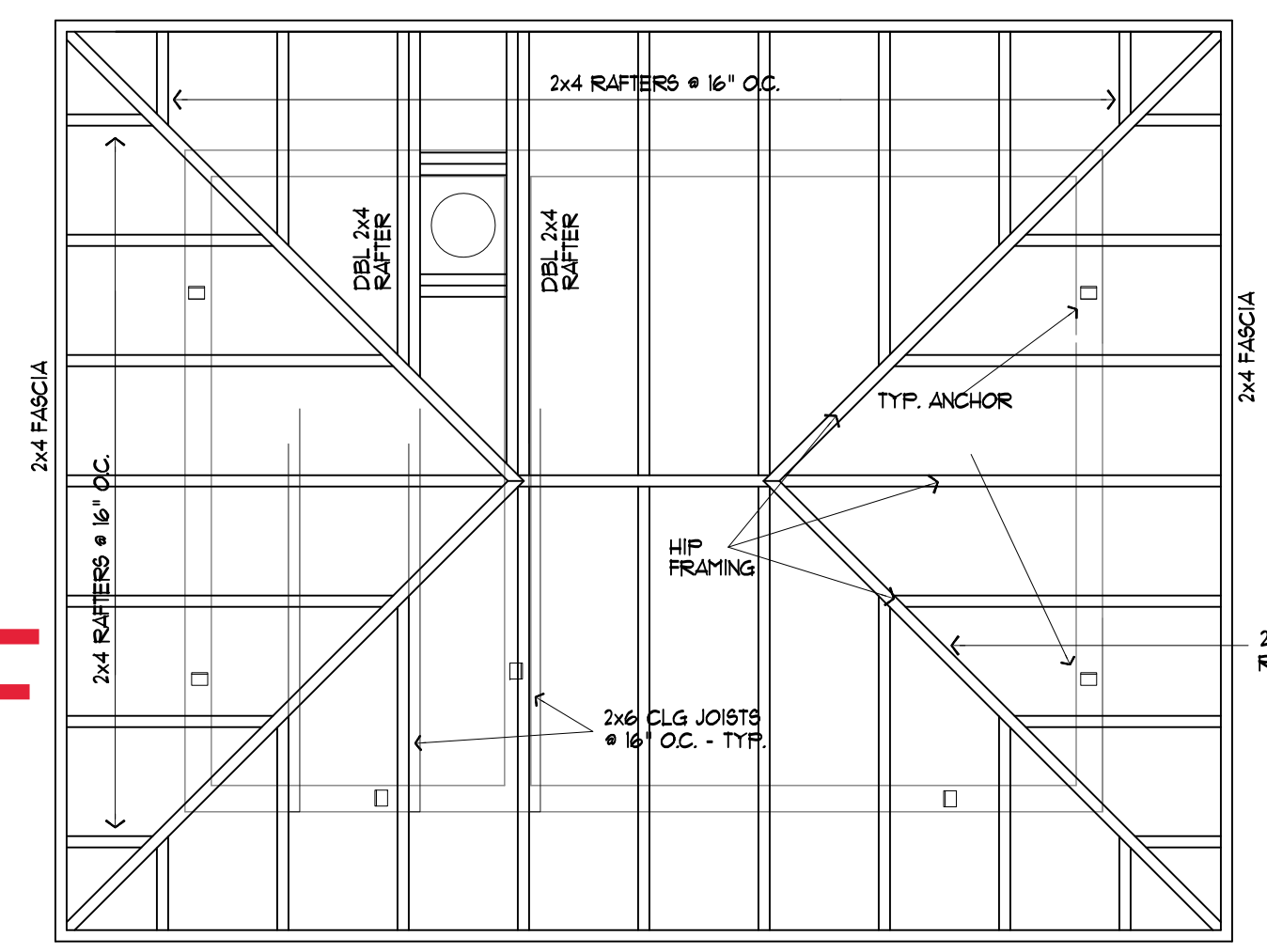
4 CORNER DETAIL

SCALE: 3" = 1'-0"



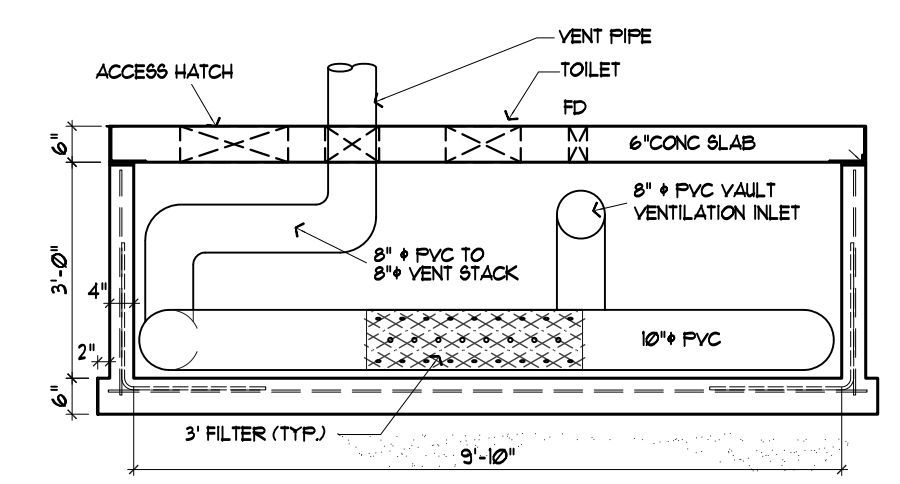
I-UNIT FLOOR PLAN

SCALE: 1/2" = 1'-0"



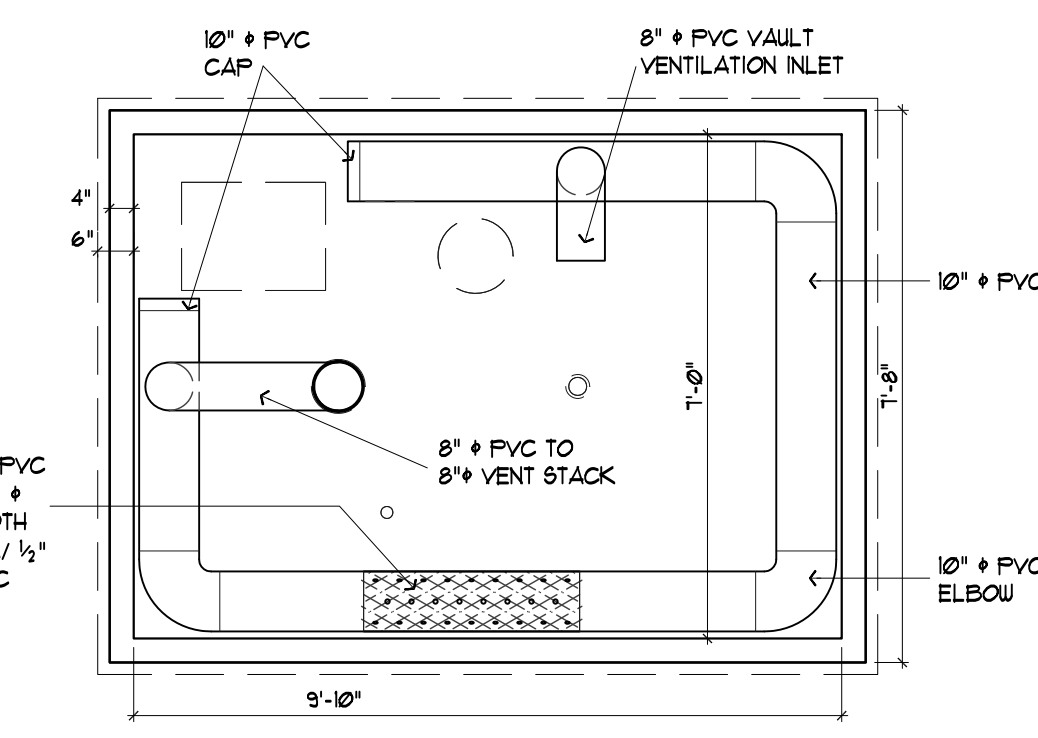
FRAMING PLAN

SCALE: 1/2" = 1'-0"



VAULT SECTION

SCALE: 3/8" = 1'-0"

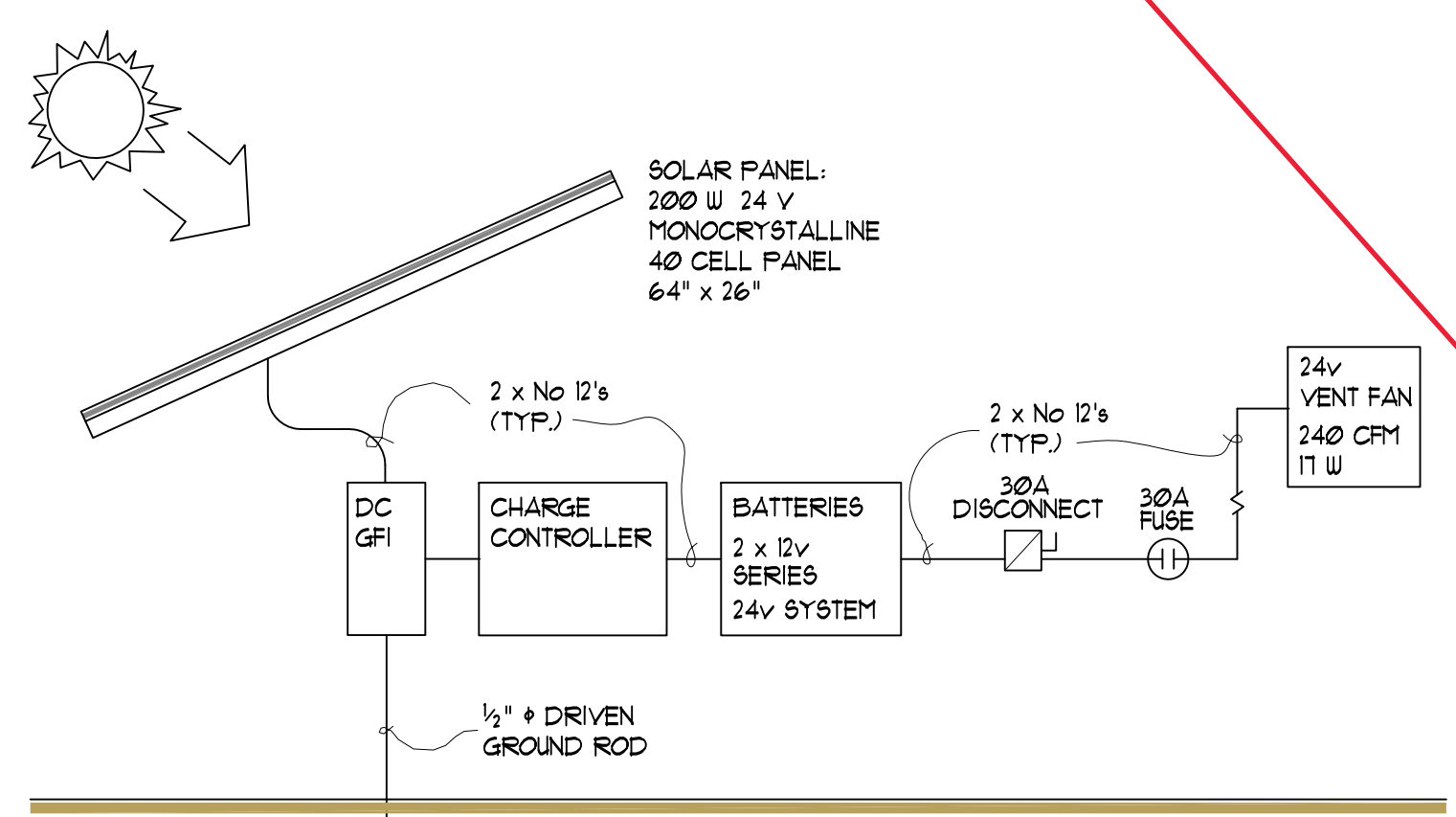


PVC DUCT PLAN

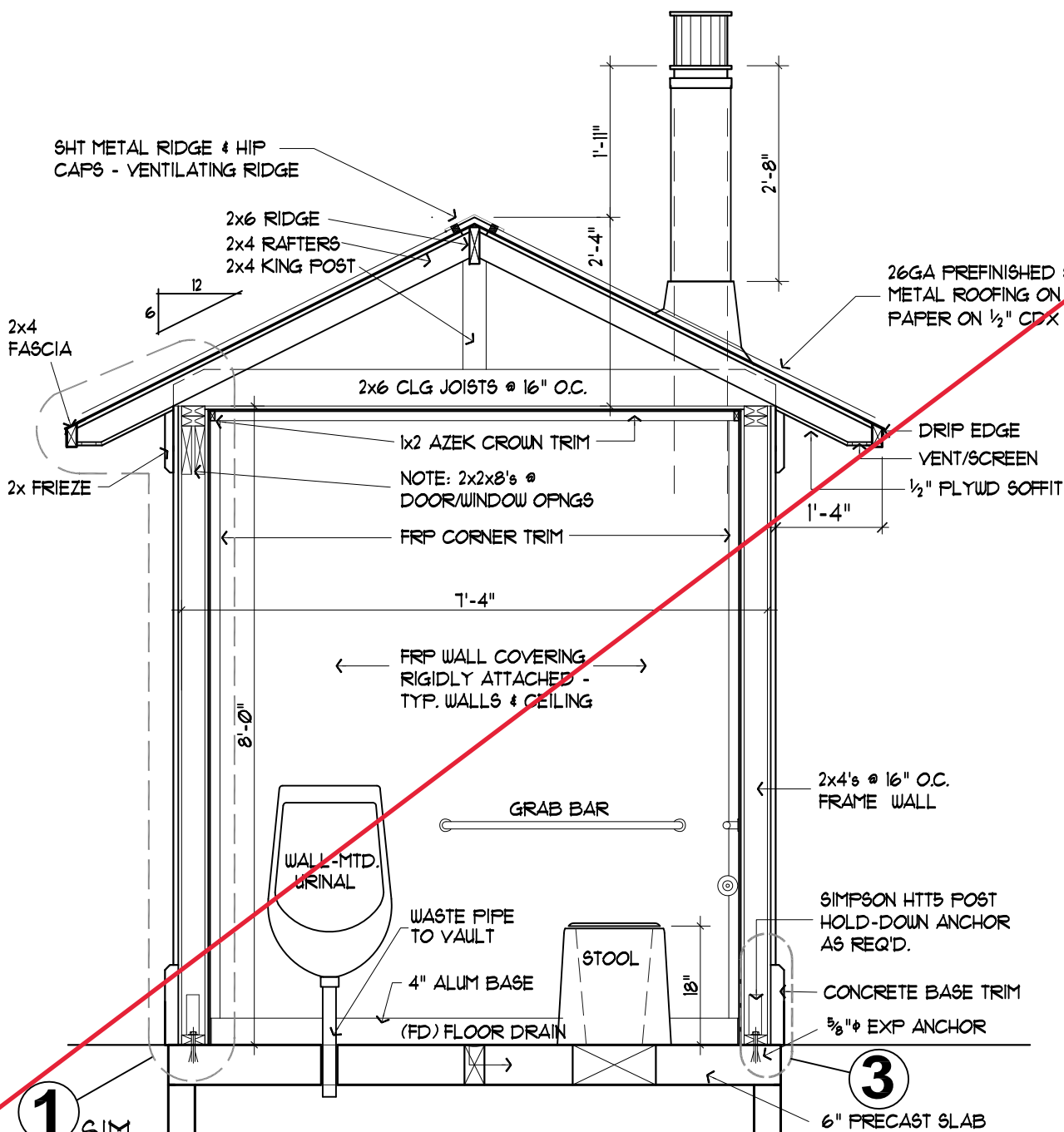
SCALE: 3/8" = 1'-0"

**ELECTRICAL:**

- ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NEW DEVICES, CONDUIT, CIRCUITING, AND CONNECTIONS FOR THE INSTALLATION OF A LIMITED SOLAR-PHOTOVOLTAIC SYSTEM DESIGNED FOR 24 HOUR OPERATION. SYSTEM SHALL INCLUDE WIRING, DISTRIBUTION COMPONENTS, EXHAUST FAN AND ALL OTHER COMPONENTS THAT MAY BE REQUIRED FOR A COMPLETE AND CODE-COMPLIANT INSTALLATION.
- TEST ALL CIRCUITS FOR PROPER NEUTRAL CONNECTIONS AND GROUNDING.



POWER SCHEMATIC



BUILDING SECTION

SCALE: 1/4" = 1'-0"

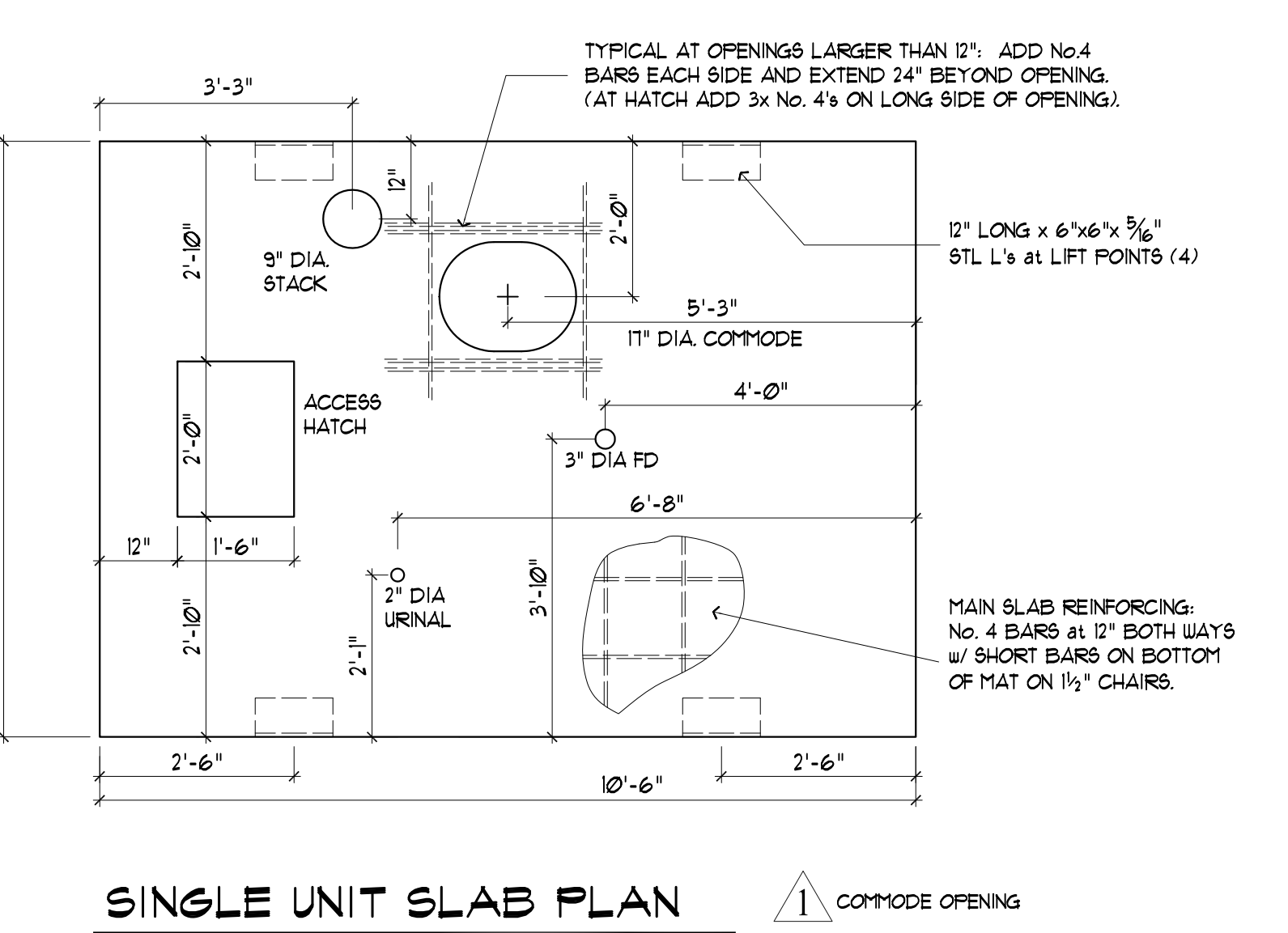
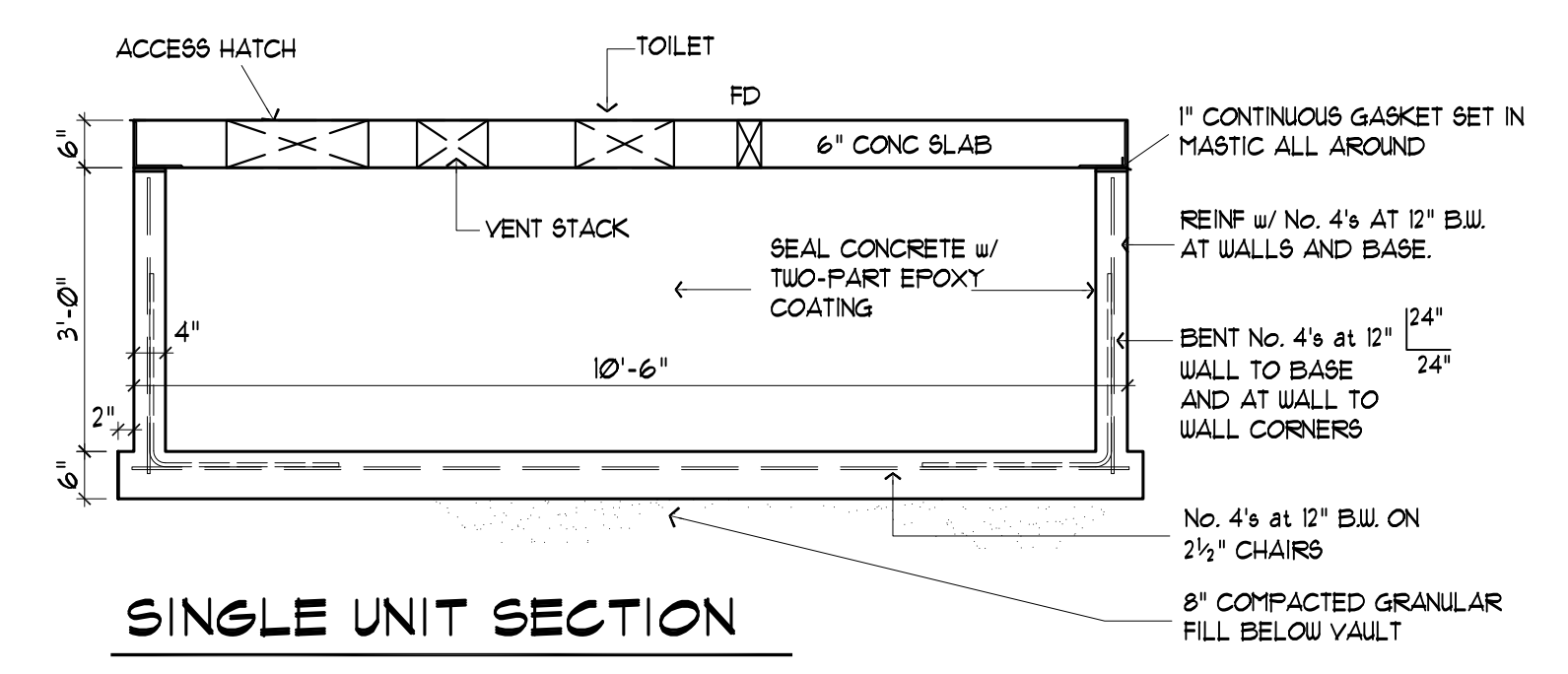
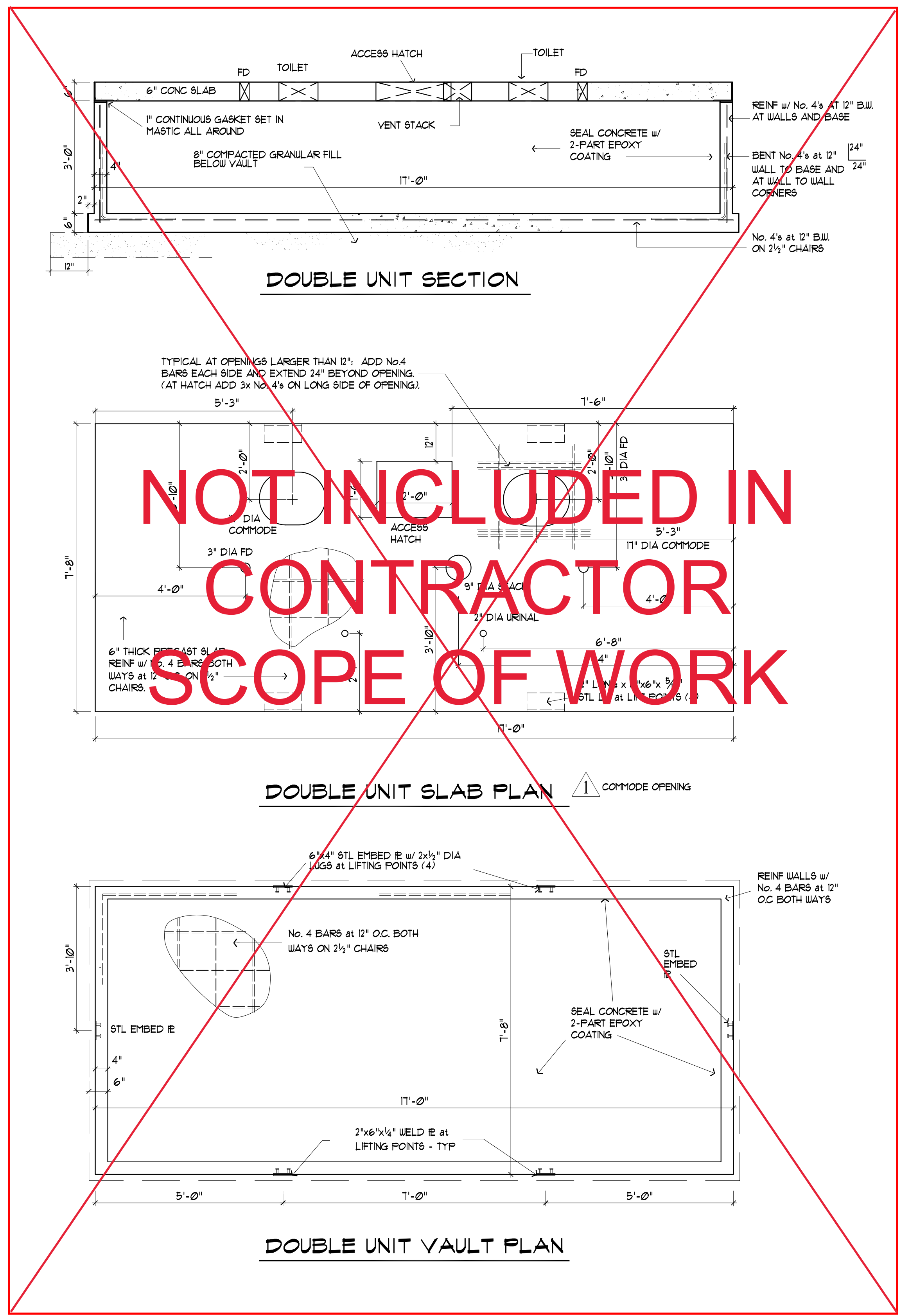
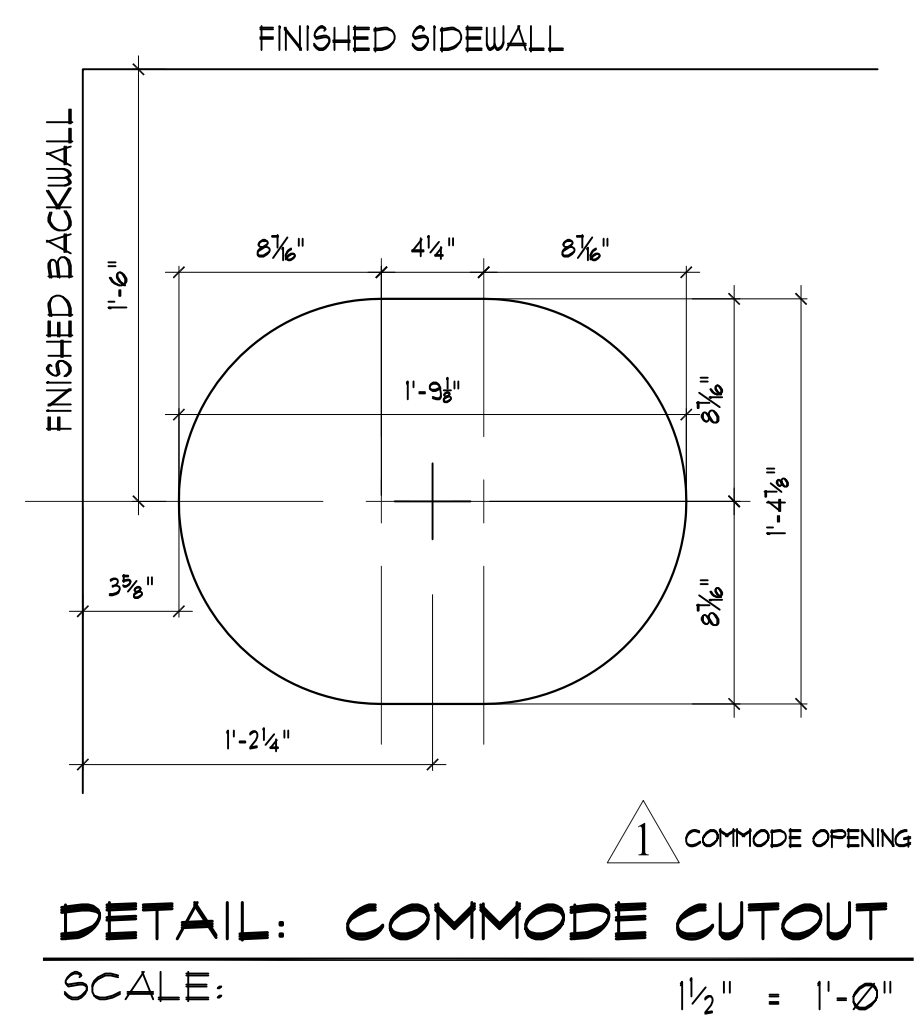
NOT INCLUDED IN CONTRACTOR SCOPE OF WORK

**EXCAVATING, FILLING, AND GRADING:**

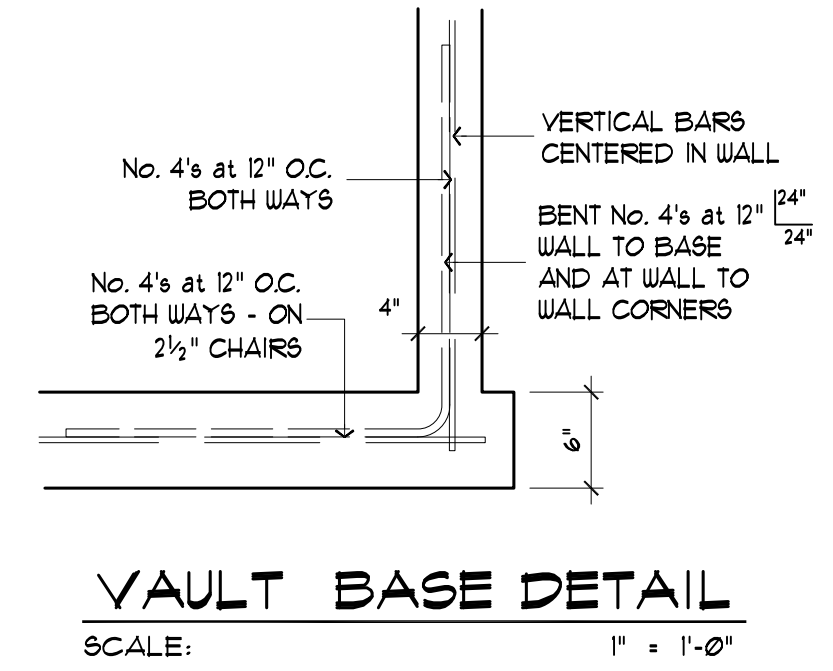
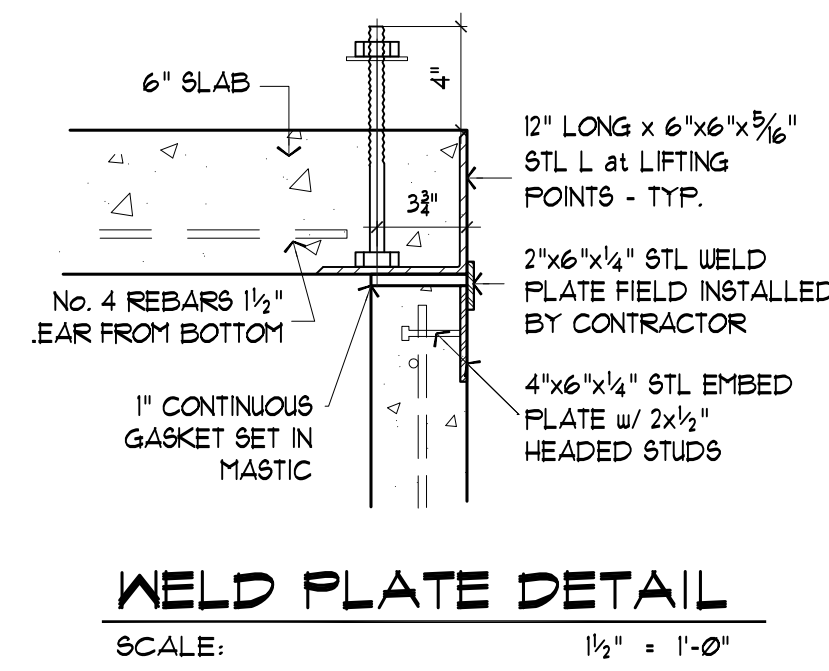
- UNDERPINNING & SHORING. INSTALL SHORING AND BRACING NECESSARY TO PREVENT BANK CAVING.
- GENERAL EXCAVATION. BLADE OFF ORGANIC MATTER AND RELOCATE ON SITE AS DIRECTED. DISPOSE OF TRASH OR RUBBLE.  
EXCAVATE FOR VAULT PLACEMENT AS INDICATED ON THESE DRAWINGS. EXCAVATION SHALL EXTEND DOWN TO SOIL MEASURING 3000 PSF SOIL BEARING CAPACITY REGARDLESS OF DIMENSIONS.  
PROTECT COMPLETED EXCAVATION AGAINST FREEZING.  
EXCAVATE FOR NEW 8" COMPACTED GRAVEL BASE AND PRECAST CONCRETE VAULT AS SHOWN ON THE DRAWINGS. REMOVE ALL ORGANIC MATTER OR PREVIOUS FILL WITHIN THE PERIMETER OF THE NEW WORK REGARDLESS OF DEPTH.
- FILL. BACKFILL AROUND VAULT TO SUBGRADE, 4" BELOW TOP OF VAULT WALLS. DISPOSE OF ALL EXCESS MATERIALS OFF SITE UNLESS ON-SITE APPROVED AREAS ARE AVAILABLE.  
PROVIDE ADDITIONAL FILL TO MEET GRADES SHOWN. PROVIDE MINIMUM 8" COMPACTED GRANULAR FILL BASE TO EXTEND 12" BEYOND PERIMETER OF VAULT.  
GENERAL FILL AND BACKFILL MATERIALS. SAND, CLAY, GRAVEL, CRUSHED STONE OR OTHER NON ORGANIC OR IMPERISHABLE MATERIALS. DEPOSIT IN 6" LAYERS AND COMPACT TO 95%. MIXING OF DISSIMILAR MATERIALS IS UNACCEPTABLE.
- GRADING. ROUGH GRADE TO UNIFORM DEPTHS AND LEVEL AND GRADE TO SLOPE AWAY FROM ALL STRUCTURES TO ELIMINATE WATER POCKETS. FINISH GRADE TO ELEVATIONS SHOWN ON THE DRAWINGS OR AS DIRECTED BY THE OWNER AND/OR GENERAL CONTRACTOR.

**PRECAST CONCRETE:**

- WORKMANSHIP. FINISHED CONCRETE SHALL ACCURATELY CONFORM TO THE DRAWING AND EXPOSED CONCRETE SHALL BE SMOOTH, DENSE, COMPACT AND FREE FROM FORM MARKS AND JOINTS.
- INSERTS. PROVIDE FOUR (4) WELD PLATES (4"x 1/2"x 6") TO BE CAST INTO THE TOP OF THE VAULT. PROVIDE FOUR (4) LOOSE WELD PLATES 2"x 6"x 1/4" TO BE WELDED ON SITE BY GENERAL CONTRACTOR TO COMPLETE THE CONNECTION BETWEEN THE FLOOR SLAB AND THE VAULT FOUNDATION ASSEMBLY.
- SHOP DRAWINGS. PROVIDE SHOP DRAWINGS INDICATING ALL DIMENSIONS AND COMPONENTS, INCLUDING ALL INSERTS, ANCHORS, WELD PLATES, LIFTING PLATES, AND ALL ACCESSORY ITEMS. INSURE THAT SHOP DRAWINGS ARE APPROVED BY OWNER PRIOR TO FABRICATION.

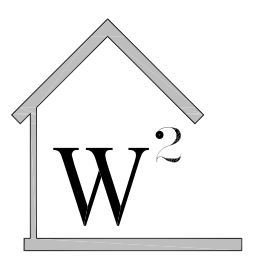


NOTE: DIMENSIONS TO CASTOUTS WILL BE REVIEWED AND WILL BE SUBJECT TO MODIFICATION IN FINAL DESIGN.



**VAULT FABRICATION**  
SCALE: 1/2" = 1'-0"

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November 9, 2022



LICENSE EXPIRES Nov. 30, 2022  
*Wells P. Wheeler*

DRAWING ISSUES:  
ISSUED FOR PLAN REVIEW  
NOVEMBER 9, 2022  
REVISED OPENINGS  
JANUARY 31, 2023



Lake County  
Forest Preserves  
1899  
WINCHESTER ROAD  
LIBERTYVILLE  
ILLINOIS 60048  
847-367-6640

LAKESWOOD  
EVAPORATOR  
RESTROOM  
FACILITY

VAULT FABRICATION  
AND NOTES

SHEET NO.:  
**A-4**