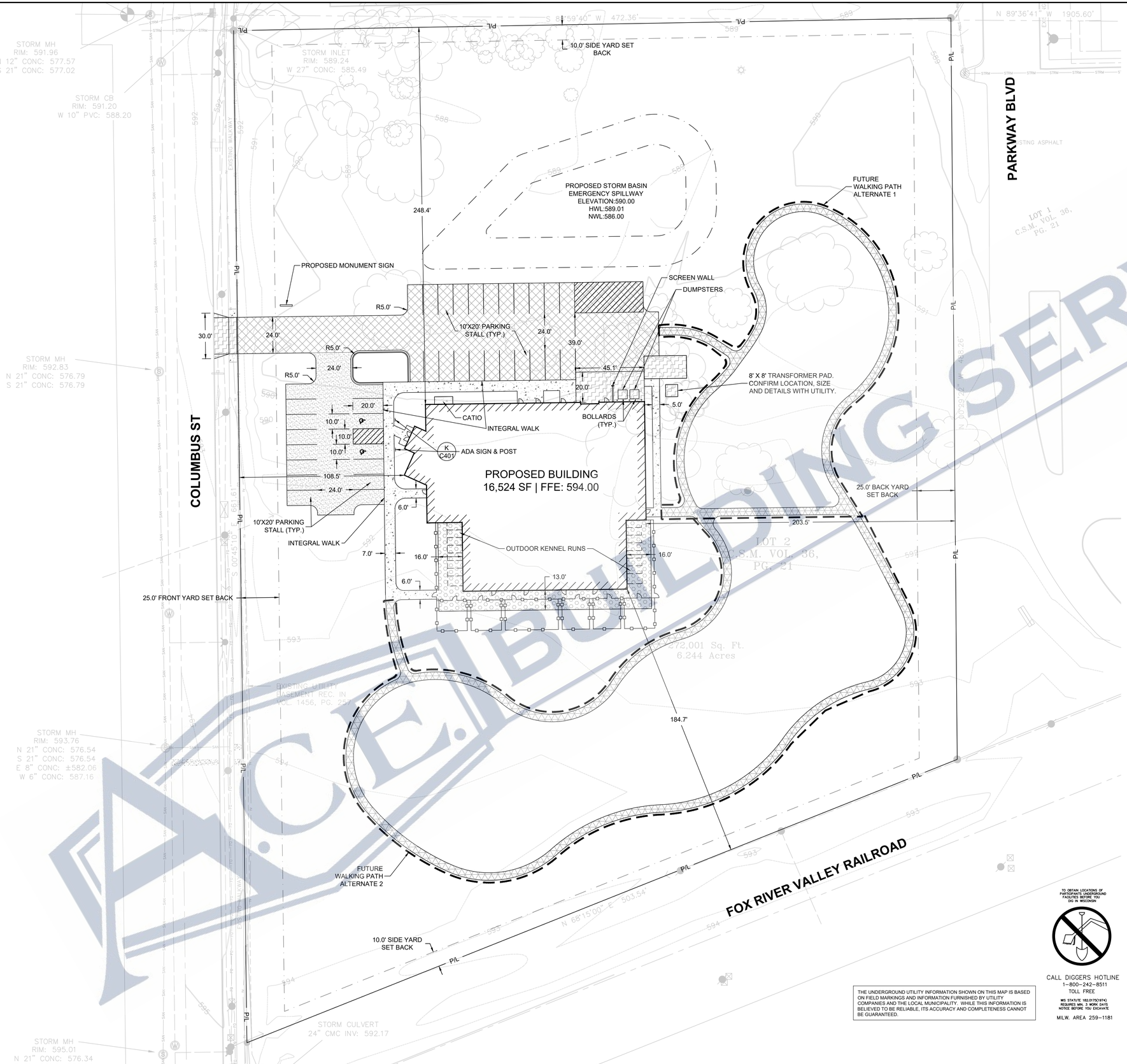

LAKESHORE HUMANE SOCIETY INC

DRAFT



GRAPHIC SCALE
0 30 60

SITE INFORMATION			
SITE AREA	271999	6.244 AC	
SITE DISTURBED AREA	134000	3.076 AC	
EXISTING IMPERVIOUS AREA	0	0.000 AC	0.0 %
PROPOSED IMPERVIOUS AREA	42531	0.976 AC	15.6 %
TOTAL PARKING SPACES	37		
ADA PARKING SPACES	2		

LEGEND:

- E C401 — 4" CONCRETE WALK
- G C401 — 6" CONCRETE PAVEMENT
- D C401 — 8" CONCRETE PAVEMENT
- B C401 — 3" ASPHALT SURFACE
- C C401 — 4" ASPHALT SURFACE
- F C401 — 4" CONCRETE WALKING PATH
- A C401 — CURB & GUTTER (ACCEPT)
- A C401 — CURB & GUTTER (REJECT)

THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS MAP IS BASED ON FIELD MARKINGS AND INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED.

TO OBTAIN LOCATIONS OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE
1-800-242-8511
TOLL FREE

WIS STATUTE 182.0175(1974) REQUIRES MIN. 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE

MILW. AREA 259-1181

GENERAL NOTES:

1. THE UNDERGROUND UTILITY INFORMATION SHOWN ON THIS DRAWING IS BASED ON FIELD LOCATIONS AND/OR RECORDS FURNISHED BY MUNICIPALITIES AND UTILITY COMPANIES. THE LOCATION AND ACCURACY OF WHICH CANNOT BE GUARANTEED. THERE MAY BE ADDITIONAL UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.
2. VERIFY ACTUAL LOCATIONS AND INVERTS IN THE FIELD. ANY POTENTIAL ERRORS, OMISSIONS, OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO PROCEEDING WITH CONSTRUCTION.
3. WORK TO BE COMPLETED IS INDICATED IN BOLD TYPE LINES AND EXISTING CONDITIONS ARE INDICATED BY LIGHT TYPE LINES.
4. ELECTRONIC CIVIL FILES ARE AVAILABLE UPON WRITTEN REQUEST. DO NOT USE ELECTRONIC CIVIL FILES TO LAYOUT FOUNDATIONS, COLUMN LINES, LIGHT POLES, OR OTHER NON CIVIL SITE WORK. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS OF BUILDING AND ARCHITECTURAL FEATURES.
5. DIMENSIONS ARE FROM FACE OF CURB OR EDGE OF PAVEMENT.
6. WORK WITHIN THE PUBLIC RIGHT OF WAY, INCLUDING BUT NOT LIMITED TO DRIVEWAY OPENINGS, SIDEWALK AND RAMPS, PAVING, AND CURB AND GUTTER SHALL BE COMPLETED PER MUNICIPAL AND/OR COUNTY REQUIREMENTS AND STANDARDS.
7. EARTHWORK SHALL BE IN ACCORDANCE WITH GEOTECHNICAL ENGINEER'S RECOMMENDATIONS.

SITE PLAN

REVISION DESCRIPTION	DATE	REV. BY

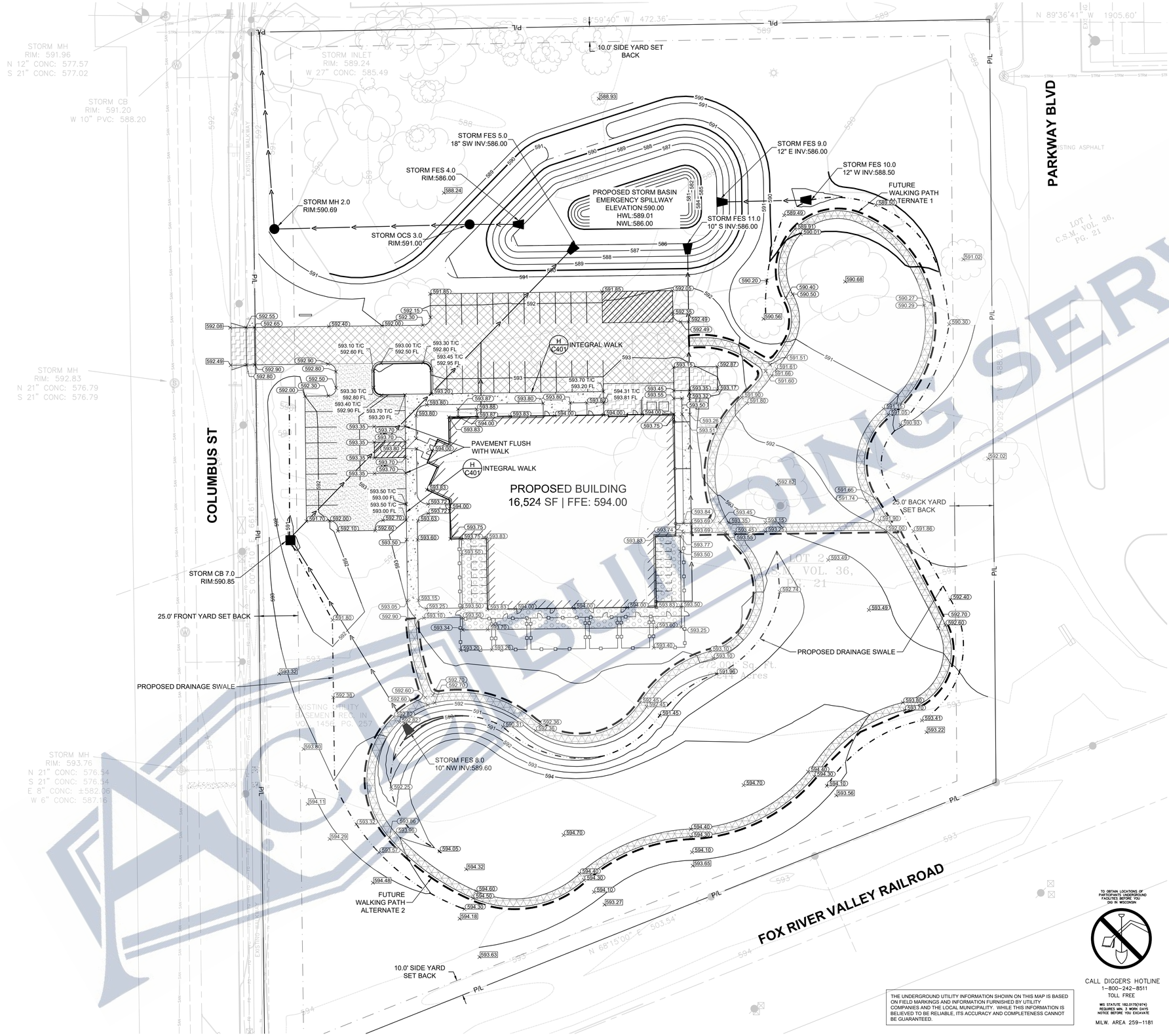
A.C.E. BUILDING SERVICE
OUR REPUTATION IS OUR FOUNDATION
3510 SOUTH 26TH STREET • MANITOWOC, WISCONSIN • 54220
PHONE: 920-682-6105 • WWW.ACEBUILDINGSERVICE.COM
SUPERVISING PROFESSIONAL:

PROJECT INFORMATION:
LAKESHORE HUMANE SOCIETY
COLUMBUS STREET
TWO RIVERS WI 54241

SHEET INFORMATION	
A.C.E. JOB NO.	260/23
DATE:	3/2/2026
DRAWN BY:	ASC
SCALE:	1" = 30'

SHEET
C100

DRAFT



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LEGEND:

- E C401 — 4" CONCRETE WALK
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- B C401 — 3" ASPHALT SURFACE
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- F C401 — 4" CONCRETE WALKING PATH
- A C401 — CURB & GUTTER (ACCEPT)
- A C401 — CURB & GUTTER (REJECT)
- GRADE BREAK LINE
- 5 — EXISTING CONTOUR
- 5 — PROPOSED CONTOUR
- 100.50 T/C 100.00 FL — PROPOSED CURB & GUTTER SPOT GRADE T/C: TOP OF CURB GRADE FL: FLOW LINE CURB GRADE
- 100.00 — PROPOSED SURFACE SPOT GRADE
- TW: 100.00 BW: 100.00 — PROPOSED TOP OF WALL AT FINISHED GRADE PROPOSED BOTTOM OF WALL AT FINISHED GRADE
- 100.00 — EXISTING SURFACE SPOT GRADE (MATCH)

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MILW. AREA 259-1181

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GRADING PLAN

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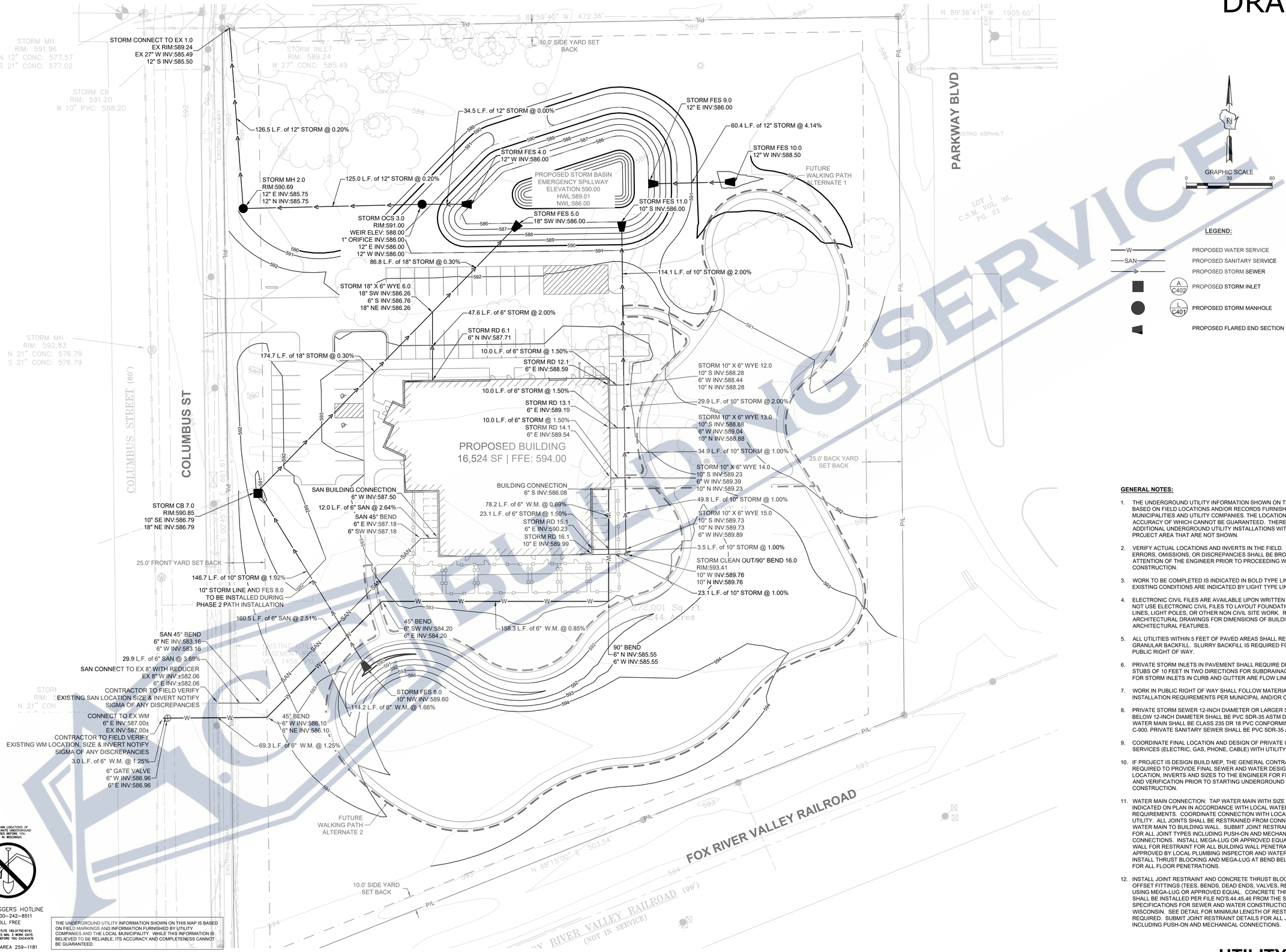
COLUMBUS STREET
TWO RIVERS WI 54241

SHEET INFORMATION	
A.C.E. JOB NO.	260/23
DATE:	27/03/2026
DRAWN BY:	ASC
SCALE:	1" = 30'
SHEET	C200

DRAFT



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5. ALL UTILITIES WITHIN 5 FEET OF PAVED AREAS SHALL REQUIRE GRANULAR BACKFILL. SLURRY BACKFILL IS REQUIRED FOR ALL WORK IN PUBLIC RIGHT OF WAY.
6. PRIVATE STORM INLETS IN PAVEMENT SHALL REQUIRE DRAIN TILE STUBS OF 10 FEET IN TWO DIRECTIONS FOR SUBDRAINAGE. RIM GRADE FOR STORM INLETS IN CURB AND GUTTER ARE FLOW LINE GRADES.
7. WORK IN PUBLIC RIGHT OF WAY SHALL FOLLOW MATERIAL AND INSTALLATION REQUIREMENTS PER MUNICIPAL AND/OR COUNTY.
8. PRIVATE STORM SEWER 12-INCH DIAMETER OR LARGER SHALL BE HDPE. BELOW 12-INCH DIAMETER SHALL BE PVC SDR-35 ASTM D3034. PRIVATE WATER MAIN SHALL BE CLASS 235 DR 18 PVC CONFORMING TO AWWA C-900. PRIVATE SANITARY SEWER SHALL BE PVC SDR-35 ASTM D3034.
9. COORDINATE FINAL LOCATION AND DESIGN OF PRIVATE UTILITY SERVICES (ELECTRIC, GAS, PHONE, CABLE) WITH UTILITY COMPANIES.
10. IF PROJECT IS DESIGN BUILD MEP, THE GENERAL CONTRACTOR IS REQUIRED TO PROVIDE FINAL SEWER AND WATER DESIGN SHOWING LOCATION, INVERTS AND SIZES TO THE ENGINEER FOR FINAL REVIEW AND VERIFICATION PRIOR TO STARTING UNDERGROUND UTILITY CONSTRUCTION.
11. WATER MAIN CONNECTION: TAP WATER MAIN WITH SIZE AND LOCATION INDICATED ON PLAN IN ACCORDANCE WITH LOCAL WATER UTILITY REQUIREMENTS. COORDINATE CONNECTION WITH LOCAL WATER UTILITY. ALL JOINTS SHALL BE RESTRAINED FROM CONNECTION OF WATER MAIN TO BUILDING WALL. SUBMIT JOINT RESTRAINT DETAILS FOR ALL JOINT TYPES INCLUDING PUSH-ON AND MECHANICAL CONNECTIONS. INSTALL MEGA-LUG OR APPROVED EQUAL TIGHT TO WALL FOR RESTRAINT FOR ALL BUILDING WALL PENETRATIONS AS APPROVED BY LOCAL PLUMBING INSPECTOR AND WATER UTILITY. INSTALL THRUST BLOCKING AND MEGA-LUG AT BEND BELOW FLOOR FOR ALL FLOOR PENETRATIONS.
12. INSTALL JOINT RESTRAINT AND CONCRETE THRUST BLOCKS AT ALL OFFSET FITTINGS (TEES, BENDS, DEAD ENDS, VALVES, REDUCERS) USING MEGA-LUG OR APPROVED EQUAL. CONCRETE THRUST BLOCKS SHALL BE INSTALLED PER FILE NO'S:44,45,46 FROM THE STANDARD SPECIFICATIONS FOR SEWER AND WATER CONSTRUCTION IN WISCONSIN. SEE DETAIL FOR MINIMUM LENGTH OF RESTRAINED JOINT REQUIRED. SUBMIT JOINT RESTRAINT DETAILS FOR ALL JOINT TYPES INCLUDING PUSH-ON AND MECHANICAL CONNECTIONS.

UTILITY PLAN

REV. BY	DATE	REVISION DESCRIPTION

A.C.E. BUILDING SERVICE
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PHONE: 920-682-6105 • WWW.ACEBUILDINGSERVICE.COM
SUPERVISING PROFESSIONAL:

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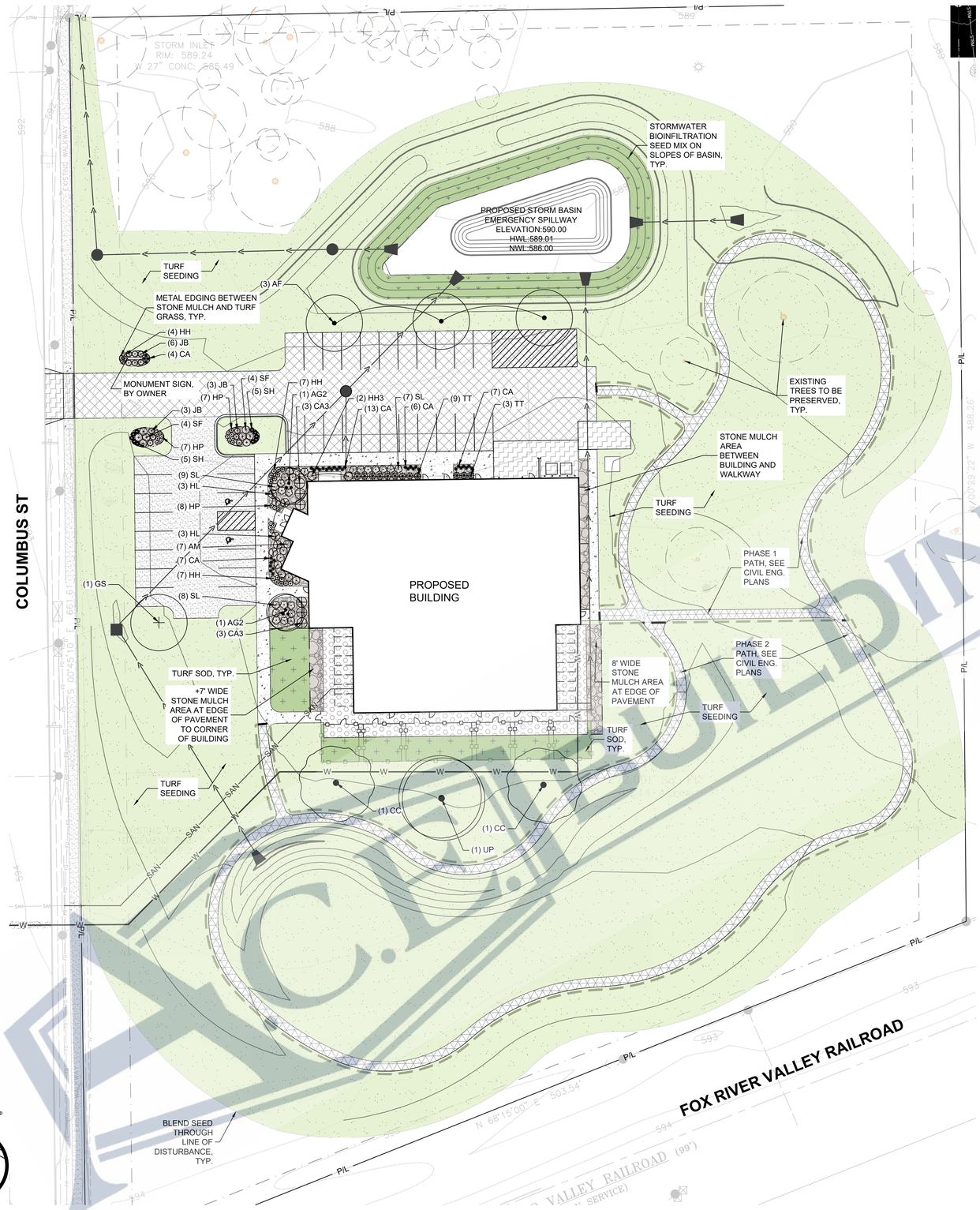
COLUMBUS STREET
TWO RIVERS WI 54241

SHEET INFORMATION	
A.C.E. JOB NO.	260/23
DATE:	3/2/2026
DRAWN BY:	ASC
SCALE:	1" = 30'

SHEET
C300



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PLANT SCHEDULE

SYMBOL	CODE	BOTANICAL / COMMON NAME	SIZE	CONTAINER	QTY
DECIDUOUS TREES					
	AF	Acer x freemanii 'Ed Gartner' / Ed Gartner Freeman Maple	2.5" Cal.	B&B	3
	CC	Celtis occidentalis 'Chicagoland' / Chicagoland Hackberry	2.5" Cal.	B&B	2
	GS	Gleditsia triacanthos inermis 'Shademaster' / Shademaster Honey Locust	2.5" Cal.	B&B	1
	UP	Ulmus x 'Morton Glossy' / Triumph™ Elm	2.5" Cal.	B&B	1
ORNAMENTAL TREES					
	AG2	Amelanchier x grandiflora 'Autumn Brilliance' / Autumn Brilliance Apple Serviceberry	6` Ht. (Multi-Stem)	B&B	2
DECIDUOUS SHRUBS					
	AM	Aronia melanocarpa elata / Glossy Black Chokeberry	2.5` Ht.	Cont.	7
	CA3	Cornus sericea 'Alleman's Compact' / Dwarf Red Twig Dogwood	3 gal.	Cont.	6
	SL	Diervilla lonicera 'Jewel' / Jewell Bush Honeysuckle	3 gal.	Cont.	24
	HL	Hydrangea paniculata 'SMHPLQF' / Little Quick Fire® Panicle Hydrangea	3 gal.	Cont.	6
	HH3	Hydrangea quercifolia 'PIIHQ-I' / Jetstream™ Oakleaf Hydrangea	3 gal.	Cont.	2
	SF	Spiraea x bumalda 'Froebelii' / Frobel Spirea	3 gal.	Cont.	8
EVERGREEN SHRUBS					
	JB	Juniperus sabina 'Blue Forest' / Blue Forest Juniper	3 gal.	Cont.	12
	TT	Taxus x media 'Tauntonii' / Taunton's Anglo-Japanese Yew	2` Ht.	Cont.	12
ORNAMENTAL GRASSES					
	CA	Calamagrostis x acutiflora 'Karl Foerster' / Karl Foerster Feather Reed Grass	1 gal.	Cont.	37
	SH	Sporobolus heterolepis / Prairie Dropseed	1 gal.	Cont.	10
PERENNIALS					
	HH	Hemerocallis x 'Hyperion' / Hyperion Daylily	1 gal.	Cont.	18
	HP	Hemerocallis x 'Pardon Me' / Pardon Me Daylily	1 gal.	Cont.	22

Botanical Name	Common Name	PLS Ounces/Acre
Wildflower Forbs:		
Alisma subcordatum	Mud Plantain	1.00
Asclepias incarnata	Marsh (Red) Milkweed	2.00
Aster novae-angliae	New England Aster	1.00
Cassia hebecarpa	Wild Senna	6.00
Eupatorium maculatum	Spotted Joe Pye Weed	0.50
Eupatorium perfoliatum	Boneset	0.50
Helianthus grosseserratus	Sawtooth Sunflower	0.75
Liatris spicata	Marsh Blazing Star	1.50
Mimulus ringens	Monkey Flower	0.15
Monarda fistulosa	Wild Bergamot	1.25
Parthenium integrifolium	Wild Quinine	2.00
Penthorum sedoides	Ditch Stonecrop	0.10
Pycnanthemum virginianum	Mountain Mint	0.50
Rudbeckia hirta	Black-Eyed Susan	2.00
Rudbeckia subtomentosa	Sweet Black-Eyed Susan	2.00
Silphium perfoliatum	Cup Plant	4.00
Solidago reddellii	Riddell's Goldenrod	1.00
Verbena hastata	Blue Vervain	2.00
Vernonia fasciculata	Ironweed	1.50
	Totals =	29.75
Perennial Grasses, Sedges & Rushes:		
Carex grayi	Common Bur Sedge	4.00
Carex lupulina	Common Hop Sedge	2.00
Carex vulpinoidea	Brown Fox Sedge	1.00
Elymus virginicus	Virginia Wild Rye	32.00
Glyceria grandis	Reed Manna Grass	2.00
Juncus dudleyi	Dudley's Rush	0.50
Leersia oryzoides	Rice Cut Grass	8.00
Panicum virgatum	Switchgrass	4.00
Poa palustris	Fowl Bluegrass	6.00
Scirpus atrovirens	Dark-Green Bulrush	0.50
Scirpus cyperinus	Wool Grass	0.25
Sorghastrum nutans	Indian Grass	2.00
Spartina pectinata	Prairie Cordgrass	4.00
	Totals =	66.25

A STORMWATER BIOINFILTATION SEED MIX
SCALE:NTS

DRAFT

LANDSCAPE LEGEND:

- TURFGRASS SEED
- TURFGRASS SOD
- STONE MULCH
- STORMWATER BIOINFILTRATION SEED MIX
- EXISTING TREE TO BE PRESERVED
- P/L — PROPERTY LINE
- PLANT BED AND STONE MULCH AREA METAL EDGING

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- A C401 — CURB & GUTTER (ACCEPT)

GRAPHIC SCALE
0 30 60

LANDSCAPE GENERAL NOTES:

1. VERIFY EXISTING AND PROPOSED CONDITIONS, UTILITIES, PIPES, AND STRUCTURES, ETC. PRIOR TO BIDDING AND CONSTRUCTION.
2. INSPECT THE SITE PRIOR TO COMMENCING WORK. DOCUMENT IN WRITING AND PHOTOGRAPH EXISTING CONDITIONS WITHIN, AND IN AREAS ADJACENT TO THE LIMITS OF CONSTRUCTION. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES NOT DOCUMENTED IN THE PHOTOGRAPHS PRIOR TO COMMENCEMENT OF DEMOLITION ACTIVITIES.
3. COORDINATE THE INSTALLATION OF PLANT MATERIAL WITH INSTALLATION OF ADJACENT PAVEMENTS, DRAINAGE, CURB RELATED STRUCTURES WITH OTHER TRADES.
4. RESTORE AREAS OF THE SITE, OR ADJACENT AREAS, WHERE DISTURBED. DAMAGE CAUSED DURING LANDSCAPE INSTALLATION TO EXISTING CONDITIONS AND IMPROVEMENTS IS THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.
5. CONTRACTOR SHALL THOROUGHLY REVIEW ALL SPECIFICATIONS RELATED TO TREE PROTECTION, SOIL PREPARATION, TURF, GRASSES AND PLANTS. THESE SECTIONS PROVIDE ADDITIONAL INFORMATION ON MATERIALS AND SET STANDARDS FOR QUALITY AND INSTALLATION REQUIREMENTS.
6. PROVIDE 3" STONE MULCH OVER LANDSCAPE FABRIC FOR ALL PLANTED LANDSCAPE BEDS. INSTALL METAL EDGING BETWEEN EDGE OF PLANT BED AND STONE MULCH AREAS THAT ARE ADJACENT TO LAWN AREAS. PROVIDE 3" DEPTH TWICE SHREDDED BARK MULCH FOR TREES THAT ARE PLANTED SINGLY IN LAWN AREAS.

LANDSCAPE PLAN

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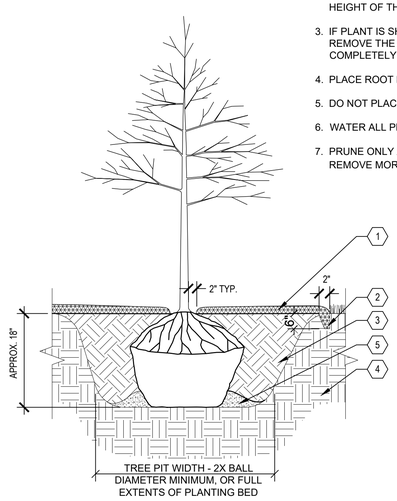
A.C.E. JOB NO.	260/23
DATE:	3/27/2026
DRAWN BY:	ASC
SCALE:	1" = 30'
SHEET	L100

DRAFT

NOTES:
1. PLANT EACH TREE SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. DEPTH OF THE PLANTING HOLE SHOULD BE DETERMINED AND DUG AFTER THE ROOT FLARE IS LOCATED. PLANTING HOLE MUST BE NO DEEPER THAN THE HEIGHT OF THE ROOT BALL.
3. IF PLANT IS SHIPPED WITH A WIRE BASKET AROUND THE ROOT BALL, CUT AND REMOVE THE WIRE BASKET ENTIRELY. REMOVE ALL TWINE, ROPE, AND BURLAP COMPLETELY FROM ALL ROOT BALLS.
4. PLACE ROOT BALL ON UNEXCAVATED OR TAMPED SOIL.
5. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
6. WATER ALL PLANTS WITHIN 2 HOURS OF INSTALLATION.
7. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY BRANCHES. DO NOT REMOVE MORE THAN ⅓ OF THE ORIGINAL PLANT MASS.



1. 3" DEPTH SHREDDED HARDWOOD BARK MULCH. PROVIDE 4'-0" DIAMETER MULCH RINGS AT THE BASE OF ANY TREES PLANTED IN LAWN.
2. PROVIDE SPADED EDGE, 2" WIDE, 6" DEEP FOR ENTIRE PERIMETER OF BARK MULCH RINGS AT BASE OF TREES PLANTED IN LAWNS
3. PLANTING SOIL, PLANTING SOIL SHALL BE PLACED IN ONE CONTINUOUS VOLUME FOR THE ENTIRE AREA OF ANY GIVEN PLANT BED.
4. PREPARED SUBGRADE
5. TAMP SOIL AROUND BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT BALL DOES NOT SHIFT

A TYPICAL TREE PLANTING
SCALE:NTS

NOTES:
1. MAKE 1" TO 2" DEEP VERTICAL CUTS EVERY 6" AROUND THE CIRCUMFERENCE OF THE ROOT BALL BEFORE PLANTING TO LOOSEN POT-BOUND ROOTS.
2. PLANT EACH SHRUB SUCH THAT THE ROOT FLARE IS VISIBLE AT THE TOP OF THE ROOT BALL. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
3. PLANTING HOLE MUST NOT BE DEEPER THAN THE HEIGHT OF THE ROOT BALL.
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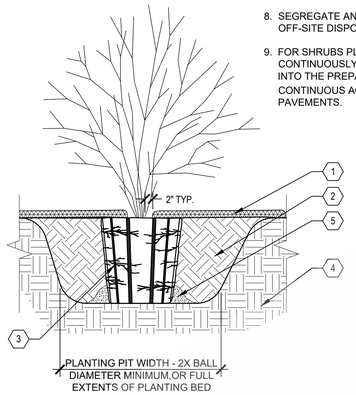
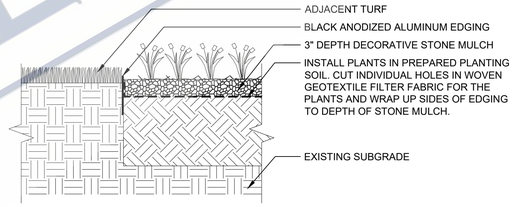
8. SEGREGATE ANY SOIL FROM BELOW WARNING LAYER EXCAVATED DURING PLANTING FOR OFF-SITE DISPOSAL. COORDINATE DISPOSAL WITH ENVIRONMENTAL CONSULTANT.
9. FOR SHRUBS PLANTED WITHIN PLANTING BEDS, CONTRACTOR SHALL PROVIDE PLANTING SOIL CONTINUOUSLY FOR THE ENTIRE PLANTING BED AND INDIVIDUAL SHRUBS SHALL BE PLANTED INTO THE PREPARED PLANTING SOIL. MULCH SURFACE FOR PLANTING BEDS SHALL ALSO BE CONTINUOUS ACROSS THE ENTIRE SURFACE AND HELD ½" MIN. TO 1" MAX. BELOW ADJACENT PAVEMENTS.

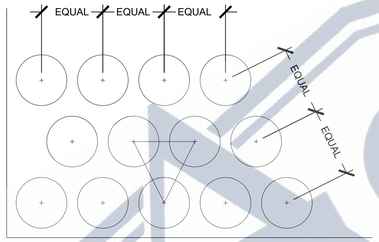


1. 3" DEPTH STONE MULCH IN LANDSCAPE BEDS, SEE DETAIL C/L200. KEEP 2" CLEAR OF STEMS
2. PLANTING SOIL AS SPECIFIED, PLANTING SOIL SHALL BE PLACED IN ONE CONTINUOUS VOLUME FOR THE ENTIRE AREA OF ANY GIVEN PLANT BED
3. 1" TO 2" DEEP VERTICAL CUTS EVERY 6" AROUND PERIMETER
4. PREPARED SUBGRADE
5. TAMP SOIL AROUND BALL BASE FIRMLY WITH FOOT PRESSURE SO THAT BALL DOES NOT SHIFT

B TYPICAL SHRUB PLANTING
SCALE:NTS



C STONE MULCH PLANTING BED
SCALE:NTS

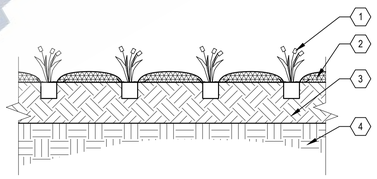


NOTES
1. SET FINISH GRADE OF PLANTING AREA 2" BELOW FINISH SURFACE OF PAVING, CURB, OR HEADER
2. SEE PLANTING SCHEDULE FOR SPACING OF ALL SHRUBS AND GROUNDCOVERS
3. ALL SHRUBS / GROUNDCOVER TO BE PLANTED AT EQUAL SPACING (TRIANGULAR) UNLESS OTHERWISE INDICATED ON PLANS.
4. TO DETERMINE APPROPRIATE PLANT QUANTITIES REFER TO THE PLANTING SCHEDULE OR PLAN.

1. EDGE OF ADJACENT PAVEMENT
2. SHRUB, PERENNIAL OR ORNAMENTAL GRASS PLANT CENTER LOCATION

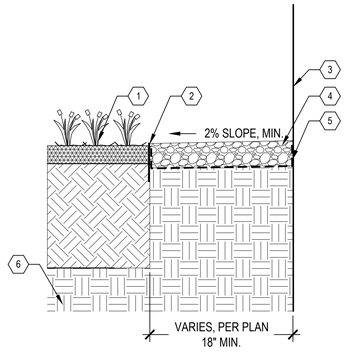
D TYPICAL PLANT SPACING
SCALE:NTS

NOTES:
1. DO NOT COVER THE TOP OF THE ROOT BALL WITH SOIL.
2. PLANTING HOLE MUST NOT BE DEEPER THAN THE HEIGHT OF THE ROOT BALL.
3. DO NOT PLACE MULCH IN CONTACT WITH STEMS.
4. WATER ALL PLANTS THOROUGHLY WITHIN 2 HOURS OF INSTALLATION.
5. PRUNE ONLY AS NECESSARY TO REMOVE UNHEALTHY OR DEAD PLANT PARTS. DO NOT REMOVE MORE THAN ⅓ OF THE ORIGINAL PLANT MASS.
6. FOR PLANTS PLANTED WITHIN PLANTING BEDS, CONTRACTOR SHALL PROVIDE PLANTING SOIL CONTINUOUSLY FOR THE ENTIRE PLANTING BED AND INDIVIDUAL SHRUBS SHALL BE PLANTED INTO THE PREPARED PLANTING SOIL. MULCH SURFACE FOR PLANTING BEDS SHALL ALSO BE CONTINUOUS ACROSS THE ENTIRE SURFACE AND HELD ½" MIN. TO 1" MAX. BELOW ADJACENT PAVEMENTS.



KEYED LEGEND
1. PERENNIAL, ORNAMENTAL GRASS, OR GROUNDCOVER PLUG, SEE LANDSCAPE PLAN SHEET L100
2. 3" DEPTH STONE MULCH IN LANDSCAPE BEDS, SEE DETAIL C/L200. KEEP 3" CLEAR OF STEMS
3. PLANTING SOIL, PLANTING SOIL SHALL BE PLACED IN ONE CONTINUOUS VOLUME FOR THE ENTIRE AREA OF ANY GIVEN PLANT BED
4. PREPARED SUBGRADE

E TYPICAL PERENNIAL AND ORNAMENTAL GRASS PLANTING
SCALE:NTS



KEYED LEGEND
1. ADJACENT PLANTING BED OR TURF AREA
2. BLACK ANODIZED ALUMINUM EDGING
3. BUILDING FACE OR PAVEMENT
4. 3" DEPTH STONE MULCH
5. WOVEN GEOTEXTILE FILTER FABRIC, WRAP UP SIDES OF BUILDING AND EDGING
6. PREPARED SUBGRADE

F STONE MULCH MAINTENANCE EDGE
SCALE:NTS

LANDSCAPE DETAILS

REV.	BY	DATE	REVISION DESCRIPTION

A.C.E. BUILDING SERVICE
OUR REPUTATION IS OUR FOUNDATION
3510 SOUTH 26TH STREET • MANITOWOC, WISCONSIN • 54220
PHONE: 920-682-6105 • WWW.ACEBUILDINGSERVICE.COM
SUPERVISING PROFESSIONAL:

PROJECT INFORMATION:
LAKESHORE HUMANE SOCIETY
COLUMBUS STREET
TWO RIVERS WI 54241

SHEET INFORMATION	
A.C.E. JOB NO.	260/23
DATE:	3/27/2026
DRAWN BY:	ASC
SCALE:	1" = 30'
SHEET	

L200

DRAFT

PLANTING QUALITY ASSURANCE

1. PLANTS ARE TO BE INSPECTED UPON DELIVERY TO PROJECT SITE AND THE LANDSCAPE ARCHITECT OR OWNER'S PROJECT REPRESENTATIVE MAY REJECT ANY SPECIMENS NO LONGER MEETING THE SPECIFIED STANDARDS OR THAT HAVE BEEN DAMAGED IN TRANSIT.

2. ALL PLANT MATERIAL SHALL BE TRUE TO SPECIES AND VARIETY/HYBRID/CULTIVAR SPECIFIED, AND NURSERY GROWN IN ACCORDANCE WITH GOOD HORTICULTURAL PRACTICES, AND UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE OF THE SITE LOCATION. SPECIMENS NURSERY-DUG TO BE REPLANTED SHALL HAVE BEEN FRESHLY DUG AND PROPERLY PREPARED FOR PLANTING.

3. TREES:

3.1. SHALL BE TRAINED IN DEVELOPMENT AND APPEARANCE AS TO BE SUPERIOR IN FORM, COMPACTNESS AND SYMMETRY. TREES WITH MULTIPLE LEADERS, UNLESS SPECIFIED OTHERWISE, AND SHRUBS WITH DAMAGED OR CUT MAINSTEM(S), WILL BE REJECTED.

3.2. WITH A DAMAGED, CUT OR CROOKED LEADER, ABRASION OF BARK, SUNSCALD, FROST CRACK, DISFIGURING KNOTS, INSECTS (INCLUDING EGGS AND LARVAE) OR INSECT DAMAGE, CANKERS/CANKEROUS LESIONS OR FUNGAL MATS, MOLD, PREMATURELY-OPENED BUDS, OR CUTS OF LIMBS OVER ¾" DIAMETER THAT ARE NOT COMPLETELY CALLUSED WILL BE REJECTED.

3.3. SHALL HAVE HEALTHY, WELL-DEVELOPED ROOT SYSTEMS, AND BE FREE FROM PHYSICAL DAMAGE OR OTHER HINDRANCES TO HEALTHY GROWTH.

3.4. BALLED AND BURLAPPED PLANTS SHALL BE DUG WITH SOLID BALLS OF A DIAMETER NOT LESS THAN THAT RECOMMENDED BY THE AMERICAN STANDARDS FOR NURSERY STOCK, AND OF SUFFICIENT DEPTH TO INCLUDE BOTH FIBROUS AND FEEDING ROOTS. BALLS SHALL BE SECURELY WRAPPED WITH BURLAP, AND TIGHTLY BOUND WITH ROPE OR TWINE. NO PLANTS SHALL BE BOUND WITH ROPE OR WIRE IN SUCH A MANNER AS TO DAMAGE BARK OR BREAK BRANCHES. THE ROOT FLARE SHOULD BE WITHIN THE TOP 2" OF THE SOIL BALL. BALLED AND BURLAPPED PLANTS WILL NOT BE ACCEPTED IF THE BALL IS DRY, CRACKED, OR BROKEN BEFORE OR DURING PLANTING.

4. PLANTS SHALL CONFORM TO THE MEASUREMENTS SPECIFIED WITHIN THE PLANT SCHEDULE.

PLANTING PROJECT CONDITIONS:

1. VERIFY SERVICE AND UTILITY LOCATIONS, AND DIMENSIONS OF CONSTRUCTION CONTIGUOUS WITH NEW PLANTINGS BY FIELD MEASUREMENTS BEFORE PROCEEDING WITH PLANTING WORK.

2. INTERRUPTION OF EXISTING SERVICES OR UTILITIES; DO NOT INTERRUPT SERVICES OR UTILITIES UNLESS PERMITTED UNDER THE FOLLOWING CONDITIONS AND THEN ONLY AFTER ARRANGING TO PROVIDE TEMPORARY SERVICES OR UTILITIES ACCORDING TO REQUIREMENTS INDICATED:

2.1. NOTIFY OWNER'S PROJECT REPRESENTATIVE NO FEWER THAN TWO DAYS IN ADVANCE OF PROPOSED INTERRUPTION OF EACH SERVICE OR UTILITY.

2.2. DO NOT PROCEED WITH INTERRUPTION OF SERVICES OR UTILITIES WITHOUT REPRESENTATIVE'S WRITTEN PERMISSION.

3. PLANTING RESTRICTIONS: PLANTING SHALL OCCUR DURING THE FOLLOWING ACCEPTABLE INSTALLATION PERIODS:

3.1. DECIDUOUS TREES AND SHRUBS - APRIL 15 TO OCTOBER 15.

3.2. NATIVE SEEDING AND TURFGRASS: APRIL 15 - OCTOBER 15

4. WEATHER LIMITATIONS: PROCEED WITH PLANTING ONLY WHEN EXISTING AND FORECASTED WEATHER CONDITIONS PERMIT PLANTING TO BE PERFORMED WHEN BENEFICIAL AND OPTIMUM RESULTS MAY BE OBTAINED. APPLY PRODUCTS DURING FAVORABLE WEATHER CONDITIONS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS AND WARRANTY REQUIREMENTS.

5. CONTRACTOR SHALL PROTECT ALL EXISTING AND/OR NEWLY INSTALLED PLANTS, LAWNS, AND GRASS AREAS FROM DAMAGE AT ALL TIMES. DAMAGED PLANTS, LAWNS OR GRASS AREAS SHALL BE REPLACED OR TREATED AS REQUIRED TO CONFORM TO SPECIFICATIONS HEREIN FOR FRESH STOCK. WORK AREA SHALL BE KEPT CLEAN AND ORDERLY DURING THE INSTALLATION PERIOD. UNDER NO CONDITION SHALL DEBRIS FROM PLANTING ACTIVITIES RESULT IN A SAFETY HAZARD ON-SITE OR ADJACENT OFF-SITE PROPERTY. DAMAGE TO SITE IMPROVEMENTS OR ADJACENT LANDSCAPES INCURRED AS A RESULT OF PLANTING OR REPLACEMENT OPERATIONS SHALL BE REPAIRED BY THE CONTRACTOR THAT CAUSES THE DAMAGE AT NO COST TO THE OWNER.

6. EXAMINE AREAS TO RECEIVE PLANTS FOR COMPLIANCE WITH REQUIREMENTS AND CONDITIONS AFFECTING INSTALLATION AND PERFORMANCE. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

6.1. VERIFY THAT NO FOREIGN OR DELETERIOUS MATERIAL OR LIQUID SUCH AS PAINT, PAINT WASHOUT, CONCRETE SLURRY, CONCRETE LAYERS OR CHUNKS, CEMENT, PLASTER, OILS, GASOLINE, DIESEL FUEL, PAINT THINNER, TURPENTINE, TAR, ROOFING COMPOUND, OR ACID HAS BEEN DEPOSITED IN SOIL WITHIN PLANTING AREAS.

6.2. DO NOT MIX OR PLACE SOILS IN FROZEN, WET, OR MUDDY CONDITIONS.

PLANTING DELIVERY, STORAGE, & HANDLING:

1. BULK MATERIALS;

1.1. DO NOT DUMP OR STORE BULK MATERIALS NEAR STRUCTURES, UTILITIES, WALKWAYS AND PAVEMENTS, OR ON EXISTING TURF AREAS OR PLANTS.

2. DO NOT PRUNE TREES AND SHRUBS BEFORE DELIVERY. PROTECT BARK, BRANCHES, AND ROOT SYSTEMS FROM SUN SCALD, DRYING, WIND BURN, SWEATING, WHIPPING, AND OTHER HANDLING AND TYING DAMAGE. DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DESTROY THEIR NATURAL SHAPE. PROVIDE PROTECTIVE COVERING OF PLANTS DURING SHIPPING AND DELIVERY. DO NOT DROP PLANTS DURING DELIVERY AND HANDLING.

3. HANDLE PLANTING STOCK BY ROOT BALL.

4. DELIVER PLANTS AFTER PREPARATIONS FOR PLANTING HAVE BEEN COMPLETED AND INSTALL IMMEDIATELY. IF PLANTING IS DELAYED MORE THAN SIX HOURS AFTER DELIVERY, SET PLANTS AND TREES IN SHADED LOCATION, PROTECT FROM WEATHER AND MECHANICAL DAMAGE, AND KEEP ROOTS MOIST.

4.1. SET BALLED STOCK ON GROUND AND COVER BALL WITH SOIL, PEAT MOSS, SAWDUST, OR OTHER ACCEPTABLE MATERIAL.

4.2. WATER ROOT SYSTEMS OF PLANTS STORED ON-SITE DEEPLY AND THOROUGHLY WITH A FINE-MIST SPRAY. WATER AS OFTEN AS NECESSARY TO MAINTAIN ROOT SYSTEMS IN A MOIST, BUT NOT OVERLY WET CONDITION.

EXCAVATION FOR TREES & SHRUBS

1. EXCAVATE CIRCULAR PLANTING PITS AS INDICATED IN DRAWINGS. TRIM PERIMETER OF BOTTOM LEAVING CENTER AREA OF BOTTOM RAISED SLIGHTLY TO SUPPORT ROOT BALL AND ASSIST IN DRAINAGE AWAY FROM CENTER. DO NOT FURTHER DISTURB BASE. ENSURE THAT ROOT BALL WILL SIT ON UNDISTURBED BASE SOIL TO PREVENT SETTLING. SCARIFY SIDES OF PLANTING PIT SMEARED OR SMOOTHED DURING EXCAVATION.

1.1. EXCAVATE APPROXIMATELY THREE TIMES AS WIDE AS BALL DIAMETER FOR BALLED AND BURLAPPED STOCK.

1.2. DO NOT EXCAVATE DEEPER THAN DEPTH OF THE ROOT BALL, MEASURED FROM THE ROOT FLARE TO THE BOTTOM OF THE ROOT BALL.

1.3. IF AREA UNDER THE PLANT WAS INITIALLY DUG TOO DEEP, ADD SOIL TO RAISE IT TO CORRECT LEVEL AND THOROUGHLY TAMP THE ADDED SOIL TO PREVENT SETTLING.

1.4. MAINTAIN REQUIRED ANGELS OF REPOSE OF ADJACENT MATERIALS AS SHOWN IN DRAWINGS. DO NOT EXCAVATE SUBGRADES OF ADJACENT PAVING, STRUCTURES, HARDSCAPES, OR OTHER NEW OR EXISTING IMPROVEMENTS.

1.5. MAINTAIN SUPERVISION OF EXCAVATIONS DURING WORKING HOURS.

1.6. KEEP EXCAVATIONS COVERED OR OTHERWISE PROTECTED WHEN UNATTENDED BY INSTALLER'S PERSONNEL.

2. SUBSOIL AND TOPSOIL REMOVED FROM EXCAVATIONS MAY BE USED AS PLANTING SOIL IF THEY CONFORM TO THE REQUIREMENTS LISTED IN THESE SPECIFICATIONS.

3. NOTIFY OWNER'S PROJECT REPRESENTATIVE IF UNEXPECTED ROCK OR OBSTRUCTIONS DETRIMENTAL TO TREES OR SHRUBS ARE ENCOUNTERED IN EXCAVATIONS.

4. NOTIFY OWNER'S PROJECT REPRESENTATIVE IF SUBSOIL CONDITIONS EVIDENCE UNEXPECTED WATER SEEPAGE OR RETENTION IN TREE OR SHRUB PLANTING PITS.

TREE & SHRUB PLANTING

1. BEFORE PLANTING VERIFY THAT ROOT FLARE IS VISIBLE AT TOP OF ROOT BALL. IF ROOT FLARE IS NOT VISIBLE, REMOVE SOIL IN A LEVEL MANNER FROM THE ROOT BALL TO WHERE THE TOP-MOST ROOT EMERGES FROM THE TRUNK. AFTER SOIL REMOVAL TO EXPOSE ROOT FLARE, VERIFY THAT ROOT BALL STILL MEETS SIZE REQUIREMENTS. PLANT MATERIAL WITHOUT ROOT FLARE VISIBLE OR PLANTED TOO LOW WILL BE RE-PLANTED AT THE REQUEST OF THE LANDSCAPE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

2. PLANTS FOUND TO HAVE STEM GIRDLING ROOTS AND/OR KINKED ROOTS AT THE TIME OF PLANTING WILL BE REJECTED AND REPLACEMENTS SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE OWNER.

3. REMOVE ALL TWINE, STRING, WIRE, AND ALL OTHER NON-BIODEGRADABLE MATERIAL ENTIRELY FROM ROOT BALL AREA.

4. REMOVE ONLY DEAD, DYING, OR BROKEN BRANCHES. DO NOT PRUNE FOR SHAPE. DO CUT TREE LEADERS.

5. SET BALLED AND BURLAPPED STOCK PLUMB AND IN CENTER OF PLANTING PIT OR TRENCH WITH ROOT FLARE 2 INCHES ABOVE ADJACENT FINISH GRADES.

5.1. USE SOIL MATERIALS FROM EXCAVATION FOR BACKFILL.

5.2. CAREFULLY CUT AND REMOVE BURLAP, ROPE, AND WIRE BASKETS FROM THE ENTIRE ROOT BALL. REMOVE PALLETS, IF ANY, BEFORE SETTING. DO NOT USE PLANTING STOCK IF ROOT BALL IS CRACKED OR BROKEN BEFORE OR DURING PLANTING OPERATION.

5.3. BACKFILL AROUND ROOT BALL IN LAYERS, TAMPING TO SETTLE SOIL AND ELIMINATE VOIDS AND AIR POCKETS. WHEN PLANTING PIT IS APPROXIMATELY ONE-HALF FILLED, WATER THOROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE WATER IS ABSORBED.

5.4. CONTINUE BACKFILLING PROCESS. WATER AGAIN AFTER PLACING AND TAMPING FINAL LAYER OF SOIL.

TREE & SHRUB MATERIAL:

1. GENERAL: FURNISH NURSERY-GROWN PLANTS TRUE TO GENUS, SPECIES, VARIETY, CULTIVAR, STEM FORM, SHEARING, AND OTHER FEATURES INDICATED IN PLANT SCHEDULE SHOWN AND DRAWINGS.; AND WITH HEALTHY ROOT SYSTEMS DEVELOPED BY TRANSPLANTING OR ROOT PRUNING. PROVIDE WELL-SHAPED, FULLY BRANCHED, HEALTHY, VIGOROUS STOCK, DENSELY FOLIATED WHEN IN LEAF AND FREE OF DISEASE, PESTS, EGGS, LARVAE, AND DEFECTS SUCH AS KNOTS, SUN SCALD, INJURIES, ABRASIONS, AND DISFIGUREMENT.

1.1. TREES WITH DAMAGED, CROOKED, OR MULTIPLE LEADERS; TIGHT VERTICAL BRANCHES WHERE BARK IS SQUEEZED BETWEEN TWO BRANCHES OR BETWEEN BRANCH AND TRUNK ("INCLUDED BARK"); CROSSING TRUNKS; CUT-OFF LIMBS MORE THAN $\frac{3}{4}$" IN DIAMETER; OR WITH STEM GIRDLING ROOTS WILL BE REJECTED.

1.2. COLLECTED STOCK: DO NOT USE PLANTS HARVESTED FROM THE WILD, FROM NATIVE STANDS, FROM AN ESTABLISHED LANDSCAPE PLANTING, OR NOT GROWN IN A STATE CERTIFIED NURSERY.

1.3. PLANT MATERIAL SHALL BE PROVIDED IN THE CONTAINER TYPE INDICATED IN THE DRAWINGS (B&B, CONTAINER, BARE ROOT, ETC.), UNLESS THE CONTRACTOR RECEIVES WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECT THAT SUBSTITUTION OF CONTAINER TYPE IS ACCEPTABLE.

2. FURNISH TREES WITH ROOT BALLS MEASURED FROM TOP OF ROOT BALL. ROOT FLARE SHALL BE VISIBLE BEFORE PLANTING.

3. SELECT STOCK FOR UNIFORM HEIGHT AND SPREAD.

PLANTING SOIL:

PLANTING SOIL SHALL BE PLACED IN ONE CONTINUOUS VOLUME FOR THE WIDTH OF LANDSCAPE AREAS, AND A MINIMUM OF 3X THE DIAMETER OF THE ROOT BALL LENGTHWISE

1. INSTALL PLANTING SOIL FOR PLANT BEDS IN 6" LIFTS, MINIMUM 8" DEPTH.

2. DO NOT APPLY PLANTING SOIL TO SATURATED OR FROZEN SUBGRADES.

3. PLANTING SOIL SHALL BE A MIX OF 6-PARTS TOPSOIL, 1-PART COMPOST (APPROVED FOR USE ON THE PROJECT). THOROUGHLY BLEND PLANTING SOIL OFF-SITE BEFORE SPREADING.

3.1. THE PROJECT WILL ACCEPT ONLY CLEAN, SALVAGED OR IMPORTED TOPSOIL CAPABLE OF PASSING THE 1" SIEVE, FREE OF ROCKS, DEBRIS, AND OF NOXIOUS WEEDS.

3.2. STRIPPED, SALVAGED, OR MINED TOPSOIL MUST BE TAKEN FROM THE TOP 6-INCHES OF THE A-HORIZON, HAVING A DARK BROWN TO BLACK COLOR WITH A GRANULAR STRUCTURE AND CLAY CONTENT OF LESS THAN 25%, VERIFIED WITH A RIBBON TEST THAT YIELDS NO MORE THAN 1-INCH.

METAL EDGING

1. STANDARD PROFILE, COMMERCIAL-GRADE, EXTRUDED ALUMINUM EDGING, FABRICATED IN STANDARD LENGTHS WITH INTERLOCKING SECTIONS WITH LOOPS STAMPED FROM FACE OF SECTIONS TO RECEIVE STAKES.

1.1. BASIS OF DESIGN: CLEANLINE BY PERMALOC OR APPROVED EQUAL.

1.2. EDGING SIZE: 3/16-INCH-WIDE BY 5.5 INCHES DEEP

1.3. STAKES: ALUMINUM, ASTM 221, ALLOY 6061-T6, 18-INCHES LONG.

1.4. FINISH: BLACK DURAFLEX

1.5. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING: CURV-RITE, INC., PERMALOC CORPORATION, RUSSELL, J.D. COMPANY (THE), SURE-LOC EDGING CORPORATION

2. INSTALL METAL EDGE IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

3. ENSURE THAT METAL EDGING IS PROPERLY INSTALLED AND SECURED BEFORE INSTALLING STONE MULCH.

STONE MULCH MATERIAL & INSTALLATION:

1. SHALL BE HARD, DURABLE, STONE, WASHED FREE OF LOAM, SAND, CLAY, AND OTHER FOREIGN SUBSTANCES, OF THE FOLLOWING TYPE, SIZE RANGE, AND COLOR:

1.1. MATERIAL: ANGULAR WASHED STONE.

1.2. SIZE: 1-1/2" DIAMETER

1.3. DEPTH: 3" MINIMUM DEPTH PLACED IN ONE LIFT

1.4. COLOR RANGE: BLEND OF DARK GREY & BLUE TONES

1.5. BASIS OF DESIGN: 1-1/2" 'AMERICAN HERITAGE' AGGREGATE BY COUNTY MATERIALS.

2. LIGHTLY COMPACT AREAS TO RECEIVE STONE MULCH

3. INSTALL WEED BARRIER FABRIC IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS; COMPLETELY COVER AREA TO BE MULCHED, OVERLAPPING EDGES OF FABRIC LENGTHS A MINIMUM OF 6-INCHES AND SECURING SEAMS WITH GALVANIZED PINS. WEED BARRIER FABRIC SHALL BE WRAPPED VERTICALLY UP THE OUTSIDE EDGES OF SURROUNDING CONCRETE FLATWORK OR CURB AND SECURED IN PLACE. HOLD FABRIC 2" CLEAR OF TOP OF ADJACENT CURB AND CONCRETE FLATWORK SO IT IS NOT VISIBLE FROM SURFACE.

4. PLACE AND FINISH STONE MULCH AS INDICATED IN DRAWINGS, ENSURING A SMOOTH, LEVEL TOP SURFACE FOR ALL STONE MULCH AREAS HELD APPROXIMATELY 1/2" BELOW THE TOP SURFACE OF ADJACENT PAVED AREAS OR METAL EDGING.

BARK MULCH MATERIAL & INSTALLATION

1. TWICE-SHREDDED HARDWOOD BARK MULCH TO BE PROVIDED AS TOP-DRESSING FOR ALL AT-GRADE PLANTING BEDS IN LOCATIONS INDICATED ON PLANTING PLANS.

1.1. SIZE RANGE: MAXIMUM 2.5" TO 3"

1.2. COLOR: NATURAL, UN-DYED

1.3. PROVIDE 3" DEPTH MULCH FOR ALL PLANTING BEDS INDICATED AS BARK MULCH PLANTING BED.

2. KEEP BARK MULCH 2" CLEAR OF ALL STEMS OF PLANT MATERIAL.

TURF SEEDING:

1. DELIVERY:

1.1. DELIVER PACKAGED SEED MATERIALS IN ORIGINAL, UNOPENED CONTAINERS LABELED AS TO NAME AND ADDRESS OF SUPPLIER; SPECIFIC BLEND OF SEED; AND INDICATION OF CONFORMANCE WITH STATE AND FEDERAL LAWS, AS APPLICABLE.

2. PROJECT CONDITIONS:

2.1. SEED DURING ONE OF THE FOLLOWING PERIODS.

2.1.1. SPRING SEEDING SEASON: APRIL 1 TO JUNE 15.

2.1.2. FALL SEEDING SEASON: AUGUST 15 TO OCTOBER 1.

3. PRODUCTS

3.0.1. PROVIDE THE FOLLOWING FOR TURFGRASS SEED BASIS OF DESIGN: REINDEERS DELUXE 50 SEED MIX OR APPROVED EQUAL

3.0.2. TURFGRASS SEED MIX TO BE FERTILIZED WITH 'SCOTT'S STARTER FERTILIZER' BY THE 'SCOTTS MIRACLE-GRO COMPANY' OR APPROVED EQUAL.

4. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN MET.

5. REMOVE ANY AND ALL UNDESIRABLE VEGETATION THAT HAS GERMINATED IN THE AREAS TO BE SEEDED OR SODDED. CONTRACTOR SHALL EVALUATE THE USE OF A BROAD SPECTRUM, NON-PERSISTENT GLYSOPHATE-BASED HERBICIDE BASED ON SITE CONDITIONS.

5.1. DO NOT APPLY SEED UNTIL FIVE TO SEVEN DAYS AFTER LAST HERBICIDE TREATMENT.

6. FINISH GRADING: GRADE AREAS TO A SMOOTH, UNIFORM SURFACE PLANE WITH LOOSE, UNIFORMLY FINE TEXTURE. GRADE TO WITHIN PLUS OR MINUS $\frac{1}{2}$ INCH OF FINISH ELEVATION. ROLL AND RAKE, REMOVE RIDGES, AND FILL DEPRESSIONS TO MEET FINISH GRADES. LIMIT FINISH GRADING TO AREAS THAT CAN BE IMMEDIATELY SEEDED AND STABILIZED WITH EROSION CONTROL MATERIAL

7. MOISTEN PREPARED AREA BEFORE SEEDING IF SOIL IS DRY. WATER THOROUGHLY AND ALLOW SURFACE DRY BEFORE SEEDING OR SODDING. DO NOT CREATE MUDDY SOIL.

8. NO SEEDING SHALL OCCUR ON FROZEN GROUND OR AT TEMPERATURES LOWER THAN 32 DEGREES FARENHEIT OR IN THE FOLLOWING 5 DAYS AFTER PLANNED SEEDING OR SODDING.

9. SEEDING RATES TO BE PERFORMED IN ACCORDANCE WITH SEED SUPPLIER RECOMMENDATIONS.

NATIVE SEEDING:

1. PROVIDE THE FOLLOWING SEED TYPES FROM: AGRECOL LLC 10101 N. CASEY ROAD EVANSVILLE, WISCONSIN 53536:

1.1. AGRECOL'S 'STORMWATER/BIOINFILTRATION (SWB)' FOR AREAS SHOWN AS 'STORMWATER BIOINFILTRATION SEED MIX'

1.2. REFER TO DETAIL A ON SHEET L100, FOR SEED MIX COMPOSITION.

2. REFER TO CIVIL PLANS FOR LOCATIONS AND EXTENTS OF EROSION CONTROL MAT. IN GENERAL, PROVIDE CURLEX NET FREE FOR SEEDED AREAS WITH SLOPES OF 4:1 OR LESS AND CURLEX II EROSION CONTROL MAT IN ALL OTHER SEEDED AREAS. PROVIDE MANUFACTURER'S STANDARD BIODEGRADABLE ANCHORING STAKES (OR ALTERNATIVE SOURCE FOR BIODEGRADABLE STAKES, IF APPROVED IN WRITING BY OWNER'S REPRESENTATIVE). INSTALL PER MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS.

3. WITHIN 4 WEEKS FOLLOWING THE ISSUANCE OF THE NOTICE TO PROCEED, SUBMIT NAME AND LOCATION OF SEED SUPPLIER(S) AND A COMPLETE LIST OF EACH SEED MIX BY WEIGHT AND PROPORTION THAT IS BEING SUPPLIED BEFORE THE SEED MIX IS ORDERED. SUBSTITUTIONS WILL NOT BE PERMITTED. PROVIDE GEOGRAPHIC ORIGINS OF EACH SEED SPECIES.

4. ALL SEED MATERIAL SHALL ORIGINATE FROM LOCAL SOURCES TO THE EXTENT POSSIBLE, SPECIFICALLY FROM USDA PLANT HARDINESS ZONE 4 OR LOWER.

5. ALL SEEDING ZONE BOUNDARIES SHALL BE SURVEYED AND STAKED ON THE PROJECT SITE BY THE CONTRACTOR. NO SEED MIX SHALL BE INSTALLED UNTIL THE GRADE PREPARATION AND LAYOUT HAVE BEEN APPROVED.

6. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO ADJUST SEED LIMITS WITHOUT ADJUSTING TOTAL SEEDED AREAS, TO MEET FIELD CONDITIONS, AT NO ADDITIONAL COST TO THE OWNER.

7. COORDINATION IS REQUIRED TO ENSURE RAINFALL/GROUNDWATER SEEPAGE DOES NOT RESULT IN SOIL MOISTURE CONDITIONS THAT WILL CAUSE EXCESSIVE RUTTING DURING SEEDING AND MULCHING OPERATIONS. FAILURE TO MEET THIS REQUIREMENT WILL NOT BE AN ACCEPTABLE REASON FOR NOT INSTALLING THE SEED AS SPECIFIED.

8. WHERE SEEDING OCCURS IN CLOSE PROXIMITY TO OTHER SITE IMPROVEMENTS OR AREAS TO REMAIN UNDISTURBED SUCH AS EXISTING WETLANDS AND UPLANDS AREAS, CARE SHALL BE TAKEN TO NOT DISTURB THE EXISTING CONDITIONS. ANY AREAS DAMAGED DURING PLANTING OPERATIONS SHALL BE PROMPTLY RESTORED TO THEIR ORIGINAL CONDITION AT NO COST TO THE OWNER.

9. FOLLOWING NATIVE SEED MIX INSTALLATION, THE LANDSCAPE ARCHITECT AND CONTRACTOR SHALL CONDUCT A SUBSTANTIAL COMPLETION INSPECTION ON ALL SEEDED AREAS. (SEE WARRANTY, MAINTENANCE AND ACCEPTANCE PERIOD)

10. GENERAL INSTALLATION:

10.1. SEEDING OF NATIVE SEED MIXES SHALL OCCUR IN THE EARLY SPRING:

10.1.1. APRIL 15 THROUGH MAY 31.

10.2. DO NOT SOW SEED DURING ADVERSE WEATHER OR WHEN WIND SPEEDS EXCEED TEN MILES PER HOUR.

10.3. DO NOT SOW SEED IN AREAS WHERE STANDING WATER IS PRESENT.

11. GRADE PREPARATION:

11.1. SUBGRADE AND FINISH GRADE PREPARATION SHALL BE IN ACCORDANCE WITH SITE EARTHWORK REQUIREMENTS, AND TOPSOIL SHALL BE A MINIMUM 4 INCHES DEEP IN NON-BIORETENTION AREAS AFTER LIGHT COMPACTION TO PREVENT SETTLEMENT. BIORETENTION AREAS SHALL HAVE SOIL MIX PLACED PER DETAIL.

11.2. PRIOR TO SEEDING, REPAIR ANY RUTS, RILLS, OR GULLIES GREATER THAN 2 INCHES IN DEPTH TO CREATE SMOOTH CONTINUOUS GRADES.

11.3. IF THE PREPARED GRADE IS ERODED OR COMPACTED BY RAINFALL OR OTHER REASONS, REWORK THE TOPSOIL TO THE FULL 4-INCH DEPTH.

11.4. IMMEDIATELY BEFORE SEEDING, SCARIFY, LOOSEN, FLOAT, AND DRAG TOPSOIL AS NECESSARY TO BRING IT TO THE PROPER CONDITION. REMOVE FOREIGN MATTER LARGER THAN 1-INCH DIAMETER.

11.5. NO FURTHER GRADE PREPARATION IS REQUIRED.

12. IF REQUIRED DUE TO CONSTRUCTION SEQUENCING, SEED THE SITE WITH A TEMPORARY COVER CROP TO HOLD IT FOR SPRING SEEDING AS FOLLOWS:

12.1. IF SEEDED MAY 15 THROUGH SEPTEMBER 1: MIX OF 32 POUNDS PER ACRE OF SEED OATS (AVENA SATIVA) AND 5 POUNDS PER ACRE OF ANNUAL RYE (LOLLIUM MULTIFLORUM).

12.2. IF SEEDED SEPTEMBER 1 THROUGH OCTOBER 15: 20 POUNDS PER ACRE WINTER WHEAT (TRITICUM AESTIVUM) OR REGREEN STERILE WHEAT/WHEATGRASS HYBRID (TRITICUM AESTIVUM X ELYTRIGIA ELONGATAFROM).

13. BROADCASTING:

13.1. FOR SPRING SEEDING OF NATIVE SEED, SOW SEED DIRECTLY ONTO BARE GROUND OR GROUND WHERE THE PREVIOUS YEAR'S PLANT STUBBLE HAS BEEN CUT TO 2-INCH HEIGHT.

13.2. INCREASE THE VOLUME OF THE BROADCASTED SEED MIX BY MIXING IT WITH AN APPROVED CARRIER. ACCEPTABLE CARRIER MATERIAL INCLUDES MOISTENED COMPOST, PEAT MOSS, CORN COB BLAST MEDIA, OR COARSE-GRADE VERMICULITE. SAND AND SAWDUST ARE UNACCEPTABLE CARRIER MATERIALS. USE ONE BUSHEL BASKET OF CARRIER PER 1,000 SQUARE FEET OF AREA TO BE SEEDED (A BUSHEL EQUALS 8 GALLONS OR 1.24 CUBIC FEET).

13.2.1. USE HALF OF THE TOTAL SEED QUANTITY AND CROSS THE ENTIRE AREA TO BE SEEDED, EVENLY SPREADING THE SEED. WALK PERPENDICULAR TO THE ORIGINAL SEEDING AND EVENLY BROADCAST THE SECOND HALF OF THE SEED.

13.2.2. LIGHT SEEDS, AWNED SEEDS, OR BEARDED SEEDS TEND TO RISE TO THE TOP OF THE SPREADER, THEREFORE, MIX SEED ACCORDINGLY AS PLANTING COMMENCES.

13.2.3. RAKE OR DRAG THE SEED INTO THE SOIL, BUT NOT MORE THAN 1/4-INCH DEEP. ROLL THE AREA WITH A ROLLER TO FIRM THE SEED INTO THE SOIL. ROLLING IS NOT NECESSARY ON DORMANT SEEDINGS.

14. DRILL SEEDER OR DROP SEEDER/SPREADER:

14.1. FOR SPRING DRILL SEEDING, SOW SEED DIRECTLY ONTO BARE GROUND OR GROUND WHERE THE PREVIOUS YEAR'S PLANT STUBBLE HAS BEEN CUT TO 2-INCH HEIGHT; FOR SPRING DROP SEEDING, CULTIVATE THE GROUND BEFORE INSTALLING SEED MIX.

14.2. CHECK THE EQUIPMENT FREQUENTLY TO ENSURE THE SEED IS DISPERSING EVENLY AND IS NOT CLOGGING.

14.3. IF THE EQUIPMENT IS NOT EQUIPPED WITH A ROLLER, PASS OVER THE SEEDED AREA WITH A ROLLER TO FIRM THE SEED INTO THE SOIL. ROLLING IS NOT NECESSARY WITH DORMANT SEEDING.

14.3.1. DO NOT MIX THE NATIVE SEED WITH ANY CARRIER MATERIAL.

14.3.2. EVENLY DISTRIBUTE THE SEED ACROSS THE ENTIRE SITE TO BE SEEDED.

14.4. KEEP THE TOPSOIL MOIST (TO A DEPTH OF 3 INCHES) FOR 3-6 WEEKS FOLLOWING SEEDING; AFTERWARD, APPLY ONE INCH OF WATER DURING THE GROWING SEASON IF RAIN HAS NOT OCCURRED FOR MORE THAN ONE WEEK. DO NOT APPLY WATER WITH SUCH A FORCE AS TO DISTURB SEED, SEEDLINGS, AND/OR TOPSOIL, OR THAT WOULD RUN OFF SOIL SURFACE.

15. ALL AREAS OVER WHICH HAULING OPERATIONS HAVE BEEN CONDUCTED SHALL BE KEPT CLEAN ON A DAILY BASIS. PROMPTLY REMOVE ALL MATERIALS SPILLED ON PAVEMENT.

16. UPON COMPLETION OF SEED INSTALLATION, REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ALL TRASH AND DEBRIS INCLUDING ANY MATERIAL REMOVED DURING GRADE PREPARATION.

17. RESTORE ANY EXISTING AREAS DAMAGED BY OPERATIONS UNDER THE CONTRACT. RESTORATION SHALL INCLUDE FINISH GRADING AND SEEDING AS REQUIRED TO MATCH EXISTING GRADE AND/OR WETLANDS, AND MAINTENANCE OF RESTORED AREAS.

18. ANY DAMAGE BY THE CONTRACTOR TO ESTABLISHED OR NEWLY SEEDED AREAS NOT WITHIN THE PROJECT SCOPE OF WORK SHALL BE REPAIRED AND RESEEDED AT NO COST TO THE OWNER.

CLEAN-UP AND PROTECTION

1. DURING PLANTING, KEEP ADJACENT PAVING AND CONSTRUCTION CLEAN AND WORK AREA IN AN ORDERLY CONDITION.

2. PROTECT PLANTS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS AND OPERATIONS OF OTHER CONTRACTORS AND TRADES. MAINTAIN PROTECTION DURING INSTALLATION. TREAT, REPAIR, OR REPLACE DAMAGED PLANTINGS.

3. AFTER INSTALLATION REMOVE ALL NURSERY TAGS, NURSERY STAKES, TIE TAPE, LABELS, WIRE, STRING, AND OTHER DEBRIS FROM PLANT MATERIAL, PLANTING AREAS, AND PROJECT SITE.

VEGETATION MONITORING AND MANAGEMENT

MANAGEMENT AND MONITORING:
THE MANAGEMENT AND MONITORING OF NATIVE PLANTINGS (INCLUDING SEED MIXES, FORBS AND PLUGS) SHOULD BE DIRECTED TOWARD THE GOAL OF CREATING A STABLE, NATIVE PLANT COMMUNITY. INVASIVE AND WEEDY PLANT SPECIES WILL NEED TO BE CONTROLLED UNTIL THE DESIRED NATIVE PLANT COMMUNITIES ARE ESTABLISHED. THIS TYPICALLY WILL TAKE THREE (3) TO FIVE (5) YEARS AFTER SOWING OR PLUG INSTALLATION.

UNDESIRABLE PLANT CONTROL:
OVERALL MANAGEMENT OF VEGETATED AREAS MAY INCLUDE, BUT ARE NOT LIMITED TO: RESEEDING OR REPLANTING DAMAGED OR NON-ACTIVE GROWTH AREAS, IRRIGATION, STRATEGIC MOWING TO REDUCE WEED COVER AND PREVENT WEED SEED SET, REMOVAL OF TREE SEEDLINGS, TARGETED HERBICIDE APPLICATION(S), AND MECHANICAL WEED CONTROL (HAND PULLING AND SEED HEAD REMOVAL). SELECTED HERBICIDE APPLICATIONS SHOULD BE DONE SPARINGLY AND ONLY WHEN NECESSARY. SELECTION OF HERBICIDE FOR USE MUST CONSIDER THE PROXIMITY TO THE WATERWAY, IN COMPLIANCE WITH STATE AND APPLICABLE FEDERAL LAW.

SHORT-TERM VEGETATION MANAGEMENT:
SHORT-TERM VEGETATION MANAGEMENT (MAINTENANCE PERIOD AFTER SEEDING/PLUG INSTALLATION) OCCURS WHILE THE LANDSCAPE CONTRACTOR OR SPECIALTY SEEDING/ RESTORATION CONTRACTOR IS RESPONSIBLE TO THE PROJECT OWNER FOR THE GUARANTEE OF ALL PLANTINGS TO BE ALIVE AND IN VIGOROUS GROWING CONDITIONS. SEEDING SHOULD ACHIEVE AN AVERAGE OF 80% VEGETATION COVERAGE FROM SPECIFIED SEED MIXES. IF UNSATISFACTORY PLANTS ARE FOUND ON SITE, THEY SHOULD BE REPLACED BY THE LANDSCAPE CONTRACTOR OF SPECIALTY SEEDING/RESTORATION CONTRACTOR DURING THE FIRST MONTH OF THE NEXT FAVORABLE PLANTING SEASON. SUPPLEMENTAL SEEDING WILL BE NEEDED TO FILL IN BARE SPOTS WHERE NATIVE SEED GERMINATION IS POOR. IT IS ALSO THE LANDSCAPE CONTRACTOR / SPECIALTY SEEDING/RESTORATION CONTRACTOR'S RESPONSIBILITY TO ELIMINATE ALL NOXIOUS WEED GROWTH FROM THE SITE DURING THIS GUARANTEE PERIOD.

INSPECTIONS SHOULD BE MADE FREQUENTLY DURING THE GROWING SEASON TO PROPERLY DOCUMENT ANY INVASIVE SPECIES, WEEDS, DEHYDRATION, DAMAGE, EROSION, DISEASES, BARE AREAS, AND PESTS. THE NECESSARY REPAIRS, TREATMENTS, SEEDING AND PLANTING SHOULD BE DONE AS SOON AS WEATHER CONDITIONS ARE APPROPRIATE. THE INSPECTIONS AND SUBSEQUENT ACTIONS SHOULD BE PROPERLY DOCUMENTED AND GRAPHICALLY IDENTIFIED ON THE APPROVED LANDSCAPE PLAN FOR THE PROJECT.

LONG TERM VEGETATION MANAGEMENT:
LONG-TERM MANAGEMENT (AFTER MAINTENANCE AGREEMENT ENDS) WILL BE THE RESPONSIBILITY OF THE PROJECT OWNER/MANAGEMENT ASSOCIATION. LONG-TERM VEGETATION MANAGEMENT TASKS WILL INCLUDE MOWING, RESEEDING OR REPLANTING DAMAGED AREAS, REMOVAL OF TREE SEEDLINGS, TARGETED HERBICIDE APPLICATION AND MECHANICAL WEED CONTROL (HAND-PULLING AND SEED HEAD REMOVAL) AND REPAIR OF EROSION AREAS. SELECTIVE HERBICIDE APPLICATIONS SHOULD BE DONE SPARINGLY. INSPECTIONS SHOULD BE MADE FREQUENTLY DURING THE GROWING SEASON TO IDENTIFY ANY INVASIVE SPECIES, WEEDS, DEHYDRATION DAMAGE, EROSION, DISEASES, BARE AREAS, AND PESTS. THE NECESSARY REPAIRS, TREATMENTS, SEEDING AND PLANTING SHOULD BE DONE AS SOON AS WEATHER AND GROWING CONDITIONS ARE APPROPRIATE.

MOWING FREQUENCIES:
MOWING FREQUENCIES WILL DEPEND ON FIELD CONDITIONS. THE NATIVE SEEDLING/GRASS AREAS SHOULD NEVER BE MOWED SHORTER THAN SIX (6) INCHES. GROWTH OF THE VEGETATION ALONG THE WATER'S EDGE (WHERE APPLICABLE) WILL PROVIDE BANK STABILIZATION. THE VEGETATION SHOULD PREVENT NUISANCE LEVELS OF GEESE IN WATERWAYS, WHICH WOULD ADD TO THE NUTRIENT LEVEL IN THE WATER AND FURTHER DEGRADE THE WATER QUALITY. IN ADDITION, THE GROUND SLOPE ABOVE NORMAL WATER ELEVATION SHOULD PROVIDE GOOD DRAINAGE OF THE SURFACE SOILS REDUCE PONDING, AND THUS MOSQUITO HABITAT. THE NATIVE VEGETATION WILL PROVIDE HABITAT CONDUCIVE TO THE BREEDING AND ESTABLISHMENT OF EFFECTIVE MOSQUITO PREDATORS SUCH AS DRAGONFLIES.

MOWING SHOULD BE DONE THREE (3) TIMES DURING THE ESTABLISHMENT PERIOD:

ACTIVITY	TIMING	SUGGESTED MOWING HEIGHTS	REASON
FIRST MOWING	LATE MAY- EARLY JUNE	NO LESS THAN (6) INCHES	TARGET EARLY WEEDS
SECOND MOWING	EARLY AUGUST	NO LESS THAN (12) INCHES	CONTROL WARM SEASON WEED GROWTH
THIRD MOWING	LATE OCTOBER		VEGETATION SHOULD BE DORMANT

MOWING TIMES ARE APPROXIMATE; ACTUAL MOWING TIMES SHOULD BE BASED ON THE GROWTH OF NATURAL GRASSES AND UNDESIRABLE WEEDS.

AFTER THE DESIRED VEGETATION HAS BECOME ESTABLISHED THE FIRST AND SECOND MOWINGS (MAY, AUGUST) MAY NOT BE NECESSARY. THE THIRD MOWING (OCTOBER), HOWEVER, SHOULD BE DONE ANNUALLY.

BURNING (IF APPROPRIATE FOR SITE):
PRIOR TO BURNING, CONTACT WITH THE LOCAL MUNICIPALITY / FIRE DEPARTMENT IS REQUIRED. SOME MUNICIPALITIES MAY HAVE RESTRICTIONS ON OPEN BURNING, OR ONLY ALLOW SUCH PRACTICES AT CERTAIN TIMES. ADDITIONALLY, A PERMIT TO BURN MAY BE REQUIRED IN SOME MUNICIPALITIES. THE SUPERVISING CREW SHOULD BE COMPRISED OF EXPERIENCED PROFESSIONALS WHO ARE TRAINED AND CERTIFIED IN THESE TYPES OF PRESCRIBED BURNS.

IF ALLOWED BY LOCAL CODE AND ORDINANCES, ONLY BURN WHEN THE DEAD VEGETATION MATTER CAN SUSTAIN FIRE. WET OR DAMP PLANT MATTER IS NOT EFFECTIVE IN A CONTROL BURN SETTING. IT MAY TAKE UP TO THREE (3) YEARS FOR A NEWLY PLANTED PRAIRIE TO HAVE ENOUGH "FUEL" TO STAGE AN EFFETIVE CONTROLLED BURN.

LANDSCAPE SPECIFICATIONS

REVISION DESCRIPTION	DATE	REV. BY

A.C.E. BUILDING SERVICE
OUR REPUTATION IS OUR FOUNDATION
3510 SOUTH 26TH STREET • MANITOWOC, WISCONSIN • 54220
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SUPERVISING PROFESSIONAL:

PROJECT INFORMATION:
LAKESHORE HUMANE SOCIETY
COLUMBUS STREET
TWO RIVERS WI 54241

SHEET INFORMATION	
A.C.E. JOB NO.	260/23
DATE:	3/27/2026
DRAWN BY:	ASC
SCALE:	1" = 30'
SHEET	L300

WALL TYPES:

W-1
LOWER WALL
- 5/8" GYPSUM BOARD
- 6" - 20 GA. STEEL STUD, 16" O.C. TO 10'-0" A.F.F.
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL WITH 6 MIL VAPOR BARRIER. EXTEND VAPOR BARRIER ABOVE TOP OF STUD WALL, LAP AND TAPE STUD WALL VAPOR BARRIER TO VAPOR BARRIER FACING ON METAL BUILDING INSULATION ABOVE FOR CONTINUOUS ASSEMBLY
- 1-7/8" AIR SPACE
- 2" (R-10) RIGID INSULATION BOARD TO 8'-0" A.F.F. (HEIGHT OF EXTERIOR MASONRY WALL)
- 8" MASONRY TO 8'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL ABOVE 8'-0" HIGH MASONRY

W-2
LOWER WALL
- 6" MASONRY TO 9'-4" A.F.F. LIGHTLY REINFORCED
- 1-7/8" AIR SPACE
- 2" (R-10) RIGID INSULATION BOARD TO 8'-0" A.F.F. (HEIGHT OF EXTERIOR MASONRY WALL)
- 8" MASONRY TO 8'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL ABOVE 8'-0" HIGH MASONRY

W-3
LOWER WALL
- 6" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL

UPPER WALL
- HORIZONTAL STRAPPING 24" O.C. OVER STEEL STUD WITH PVC WALL PANELING TO UNDERSIDE ROOF DECK
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. EXTENDING FROM ABOVE 10'-0" HIGH MASONRY TO UNDERSIDE ROOF DECK WITH DEEP SLIP TOP TRACK
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL

W-4
- 26 GA. METAL LINER PANEL TO 8'-0" A.F.F.
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL

W-5
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO UNDERSIDE OF ROOF DECK WITH DEEP LEG SLIP TOP TRACK
- 3-1/2" FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL

W-6
LOWER WALL
- 5/8" GYPSUM BOARD
- 6" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F.
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL WITH 6 MIL VAPOR BARRIER. EXTEND VAPOR BARRIER ABOVE TOP OF STUD WALL, LAP AND TAPE STUD WALL VAPOR BARRIER TO VAPOR BARRIER FACING ON METAL BUILDING INSULATION ABOVE FOR CONTINUOUS ASSEMBLY
- 2" (R-10) RIGID INSULATION BOARD TO 10'-0" A.F.F. (HEIGHT OF EXTERIOR MASONRY WALL)
- 12" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL ABOVE 10'-0" HIGH MASONRY

W-7
LOWER WALL
- 12" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND FULL HEIGHT INTERIOR (KENNEL SIDE) METAL WALL PANEL ABOVE 10'-0" HIGH MASONRY

W-8
LOWER WALL
- 12" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND FULL HEIGHT INTERIOR (KENNEL SIDE) METAL WALL PANEL ABOVE 10'-0" HIGH MASONRY

W-9
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F
- 3-1/2" FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL

W-10
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F.
- 3-1/2" FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL

W-11
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F.
- 5/8" GYPSUM BOARD

W-12
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F

W-13
- 5/8" GYPSUM BOARD
- 6" - 20 GA. STEEL STUD, 16" O.C. TO 14'-0" A.F.F
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL WITH 6 MIL VAPOR BARRIER
- 5/8" EXTERIOR GYPSUM SHEATHING
- 5/8" SIDING

W-14
- 5/8" GYPSUM BOARD
- 6" - 20 GA. STEEL STUD, 16" O.C. TO 16'-0" A.F.F
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL WITH 6 MIL VAPOR BARRIER
- 5/8" EXTERIOR GYPSUM SHEATHING
- 5/8" SIDING

W-15
LOWER WALL
- 12" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION WITH EXTERIOR METAL WALL PANEL ABOVE 10'-0" HIGH MASONRY

W-16
LOWER WALL
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES
- 2" (R-10) RIGID INSULATION BOARD TO 10'-0" A.F.F. (HEIGHT OF EXTERIOR MASONRY WALL)
- 4" MASONRY TO 10'-0" A.F.F.

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION WITH EXTERIOR METAL WALL PANEL ABOVE 10'-0" HIGH MASONRY

W-17
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F.
- 5/8" GYPSUM BOARD

W-18
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO UNDERSIDE ROOF DECK WITH DEEP LEG SLIP TOP TRACK
- 3-1/2" SOUND ATTENUATION FULL HEIGHT OF STUD WALL
- 5/8" GYPSUM BOARD

W-19
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 10'-0" A.F.F.
- 5/8" GYPSUM BOARD

W-20
- 5/8" GYPSUM BOARD
- 6" - 20 GA. STEEL STUD, 16" O.C. TO UNDERSIDE ROOF DECK WITH DEEP LEG SLIP TOP TRACK
- 6" SOUND ATTENUATION FULL HEIGHT OF STUD WALL

W-21
- 5/8" GYPSUM BOARD
- 6" - 20 GA. STEEL STUD, 16" O.C. TO UNDERSIDE ROOF DECK WITH DEEP LEG SLIP TOP TRACK
- 6" SOUND ATTENUATION FULL HEIGHT OF STUD WALL
- 5/8" GYPSUM BOARD

W-22
- 5/8" GYPSUM BOARD
- 1-1/2" - STEEL FURRING, 16" O.C. TO 10'-0" A.F.F.
- 8" MASONRY TO UNDERSIDE OF ROOF DECK, LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

W-23
- 8" MASONRY TO UNDERSIDE OF ROOF DECK, LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

W-24
LOWER WALL
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED

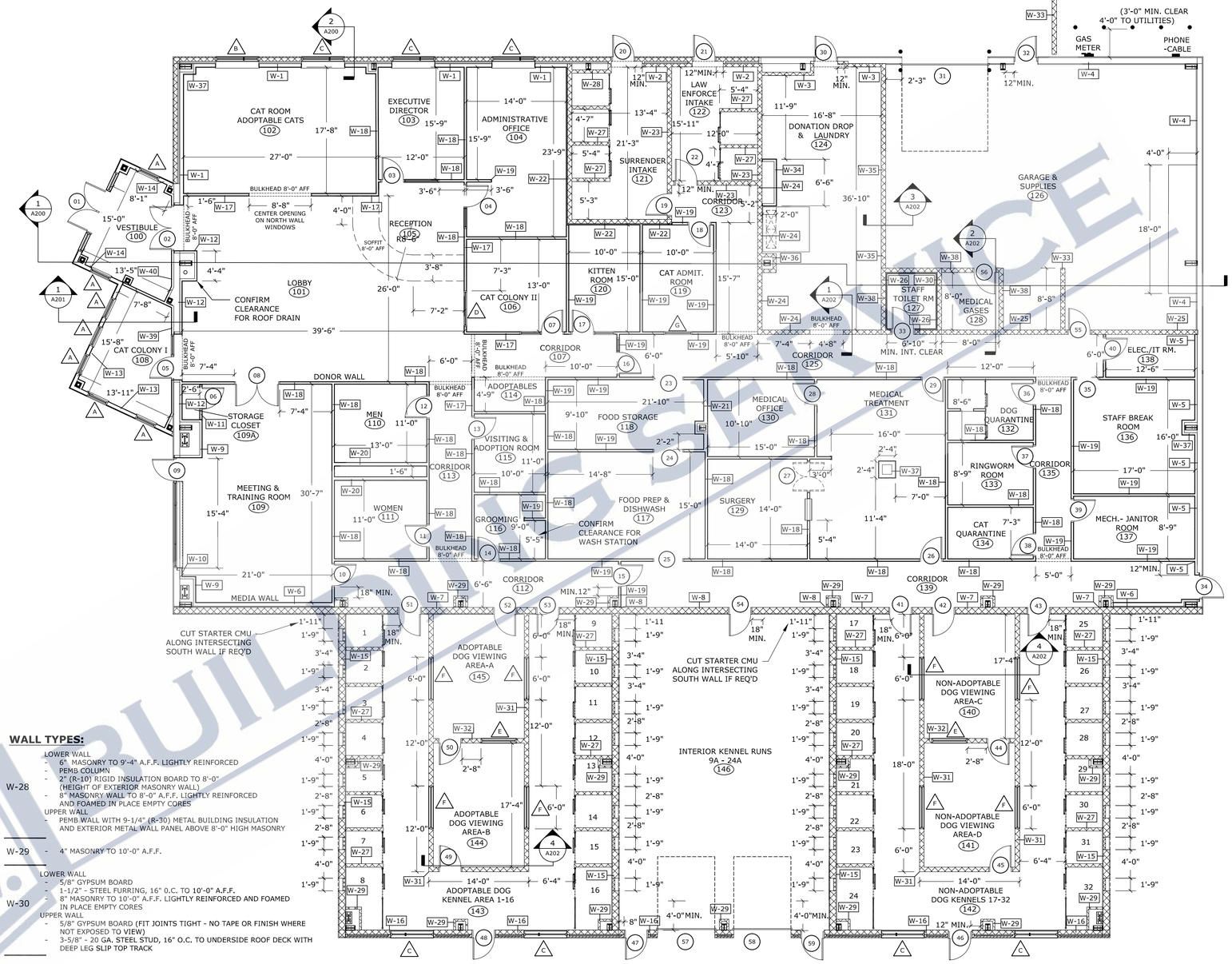
UPPER WALL
- 1/2" PVC LINER PANEL FROM 10'-0" A.F.F. TO UNDERSIDE ROOF DECK
- HORIZONTAL STRAPPING 24" ON CENTER OVER FACE OF STEEL STUD
- 6" - 20 GA. STEEL STUD, 16" O.C. EXTENDING FROM ABOVE 10'-0" HIGH MASONRY TO UNDERSIDE ROOF DECK WITH DEEP SLIP TOP TRACK

W-25
LOWER WALL
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- 1/2" PVC LINER PANEL FROM 10'-0" A.F.F. TO UNDERSIDE ROOF DECK
- HORIZONTAL STRAPPING 24" O.C. OVER FACE OF STEEL STUD
- 6" - 20 GA. STEEL STUD, 16" O.C. EXTENDING FROM ABOVE 10'-0" HIGH MASONRY TO UNDERSIDE ROOF DECK WITH DEEP SLIP TOP TRACK
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL
- 5/8" GYPSUM FROM 10'-0" A.F.F. TO UNDERSIDE OF ROOF DECK (FIT JOINTS TIGHT - NO TAPE OR FINISH WHERE NOT EXPOSED TO VIEW)

W-26
- 5/8" GYPSUM BOARD
- 1-1/2" - STEEL FURRING, 16" O.C. TO 10'-0" A.F.F.
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

W-27
- 6" MASONRY TO 8'-0" A.F.F. LIGHTLY REINFORCED. SUPPORTS CHAIN LINK FENCE ABOVE - SEE DETAILS ON SHEET A003



WALL TYPES:

W-28
LOWER WALL
- 6" MASONRY TO 9'-4" A.F.F. LIGHTLY REINFORCED
- PEMB COLUMN
- 2" (R-10) RIGID INSULATION BOARD TO 8'-0" (HEIGHT OF EXTERIOR MASONRY WALL)
- 8" MASONRY WALL TO 8'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- PEMB WALL WITH 9-1/4" (R-30) METAL BUILDING INSULATION AND EXTERIOR METAL WALL PANEL ABOVE 8'-0" HIGH MASONRY

W-29 - 4" MASONRY TO 10'-0" A.F.F.

W-30
LOWER WALL
- 5/8" GYPSUM BOARD
- 1-1/2" - STEEL FURRING, 16" O.C. TO 10'-0" A.F.F.
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- 5/8" GYPSUM BOARD (FIT JOINTS TIGHT - NO TAPE OR FINISH WHERE NOT EXPOSED TO VIEW)
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO UNDERSIDE ROOF DECK WITH DEEP LEG SLIP TOP TRACK

W-31 - 8" MASONRY TO 12'-0" A.F.F. LIGHTLY REINFORCED

W-32 - 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED

W-33 - 8" MASONRY TO 8'-0" A.F.F. LIGHTLY REINFORCED

W-34 - CHASE WALL- 5/8" GYPSUM - 3-5/8" STEEL STUD WALL TO UNDERSIDE OF DECK

W-35
LOWER WALL
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED AND FOAMED IN PLACE EMPTY CORES

UPPER WALL
- 1/2" PVC LINER PANEL FROM 10'-0" A.F.F. TO UNDERSIDE ROOF DECK
- HORIZONTAL STRAPPING 24" ON CENTER OVER FACE OF STEEL STUD
- 6" - 20 GA. STEEL STUD, 16" O.C. EXTENDING FROM ABOVE 10'-0" HIGH MASONRY TO UNDERSIDE ROOF DECK WITH DEEP SLIP TOP TRACK
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STEEL STUD WALL
- 2" x 5/8" - 18-GA. SUB-GIRT 24" ON CENTER OVER FACE OF STUD
- 1/2" PVC LINER PANEL FROM 10'-0" A.F.F. TO UNDERSIDE ROOF DECK

W-36
LOWER WALL
- 6" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED

UPPER WALL
- 1/2" PVC LINER PANEL FROM 10'-0" A.F.F. TO UNDERSIDE ROOF DECK
- HORIZONTAL STRAPPING 24" ON CENTER OVER FACE OF STEEL STUD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. EXTENDING FROM ABOVE 10'-0" HIGH MASONRY TO UNDERSIDE ROOF DECK WITH DEEP SLIP TOP TRACK

W-37
- 5/8" GYPSUM BOARD
- 3-5/8" - 20 GA. STEEL STUD, 16" O.C. TO 12'-0" A.F.F.

W-38
LOWER WALL
- 8" MASONRY TO 10'-0" A.F.F. LIGHTLY REINFORCED

UPPER WALL
- 1/2" PVC LINER PANEL FROM 10'-0" A.F.F. TO UNDERSIDE ROOF DECK
- HORIZONTAL STRAPPING 24" ON CENTER OVER FACE OF STEEL STUD
- 6" - 20 GA. STEEL STUD, 16" O.C. EXTENDING FROM ABOVE 10'-0" HIGH MASONRY TO UNDERSIDE ROOF DECK WITH DEEP SLIP TOP TRACK
- 6" (R-19) FIBERGLASS INSULATION FULL HEIGHT OF STUD WALL

FLOOR PLAN - INTERIOR DIMENSIONED PLAN

1/8" = 1'-0"

WALL TYPE NOTES:

1. ALL INTERIOR STEEL STUD WALL DIMENSIONS ARE TAKEN FROM FACE OF STUD TO FACE OF STUD
2. THE TYPE OF WALL CONSTRUCTION IS LISTED IN ORDER FROM SIDE OF WALL WHERE TAG IS LOCATED
3. ALL INTERIOR STUD WALLS NOT LABELED SHALL BE 3-5/8" STEEL STUD WALLS EXTENDING THE HEIGHT OF THE ADJACENT WALL WITH 5/8" GYPSUM
4. GYPSUM BOARD AND INSULATION TO EXTEND THE FULL HEIGHT OF THE STUD WALL AS NOTED. TAPE AND FINISH GYPSUM TO MIN. 6" ABOVE SUSPENDED CEILING IF DRYWALL JOINTS ARE TIGHT. IF JOINTS ARE NOT TIGHT, THEN TAPE AND APPLY ONE COAT OF JOINT COMPOUNT IN AREA WHERE ABOVE SUSPENDED CEILINGS
5. STANDARD MASONRY UNITS TO HAVE BULL NOSE OUTSIDE CORNERS EXCEPT AT INTERIOR KENNEL PARTITION WALLS BETWEEN KENNELS 1-32 (WALL TYPE W-27) IN NON-ADOPTABLE DOG KENNEL - 142, ADOPTABLE DOG KENNEL - 143, SURRENDER INTAKE - 121 AND LAW ENFORCEMENT INTAKE - 122.
6. MASONRY INJECTED FOAM TO BE COREFOAM PRODUCT OR EQUAL BASED ON MATCHING R/U-VALUES OF THE COREFOAM PRODUCT SPEC.
7. DRYWALL SOFFITS AND BULKHEAD ELEVATIONS AS NOTED ON DRAWINGS
8. IN AREAS OF DIFFERING STACKED EXTERIOR WALL TYPES MUST ENSURE THAT HAVE CONTINUOUS VAPOR BARRIER - (EXAMPLE - CONTINUOUS VAPOR BARRIER NEEDS TO EXTEND FROM THE INSULATED STEEL STUD WALL CONSTRUCTED ON INTERIOR SIDE OF EXTERIOR MASONRY WALL WITH STUD WALL VAPOR BARRIER LAPPING OVER AND BEING TAPED TO THE METAL BUILDING INSULATION FACING/VAPOR BARRIER ABOVE THE MASONRY.
9. WHERE STEEL STUD WALLS RUN PARALLEL TO ROOF PURLINS, FURNISH AND INSTALL STRUT AT UNDERSIDE OF PURLIN TO FASTEN SLIP TRACK. ALLOW DRYWALL TO EXTEND UP INTO THE PURLIN CAVITY TO THE UNDERSIDE OF THE METAL BUILDING INSULATION. PROVIDE A CLEAN AND STRAIGHT EDGE WHERE TOP OF DRYWALL INTERSECTS THE ROOF INSULATION OR FURNISH AND INSTALL VINYL CAP

PRELIMINARY - NOT FOR CONSTRUCTION

REV. BY	DATE	REVISION DESCRIPTION
TLG	2/27/26	PROGRESS DRAWINGS
TLG	3/25/26	ARCH. QUOTE DRAWINGS

A.C.E. BUILDING SERVICE
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3510 SOUTH 26TH STREET • MANITOWOC, WISCONSIN • 54220
PHONE: 920-682-6105 • WWW.ACEBUILDINGSERVICE.COM
SUPERVISING PROFESSIONAL:

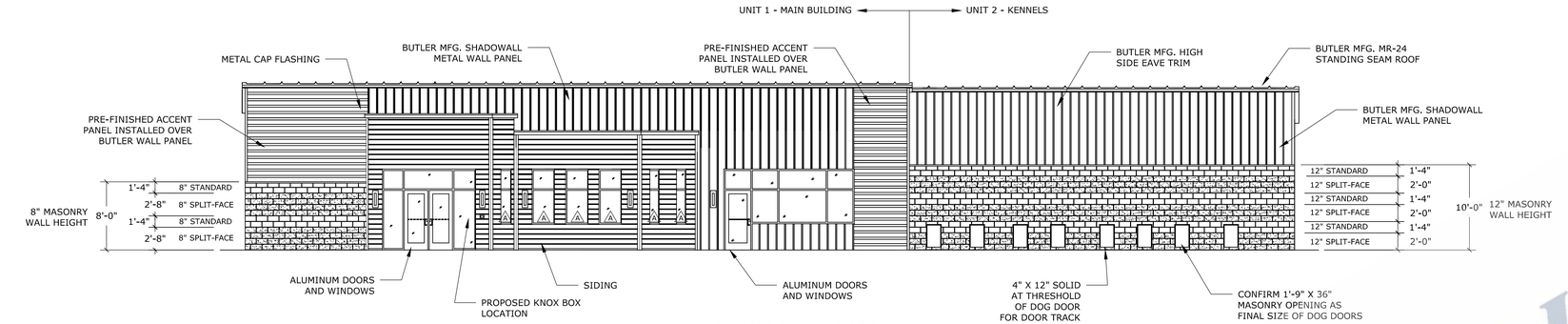
PROJECT INFORMATION:

NEW ANIMAL SHELTER FACILITY

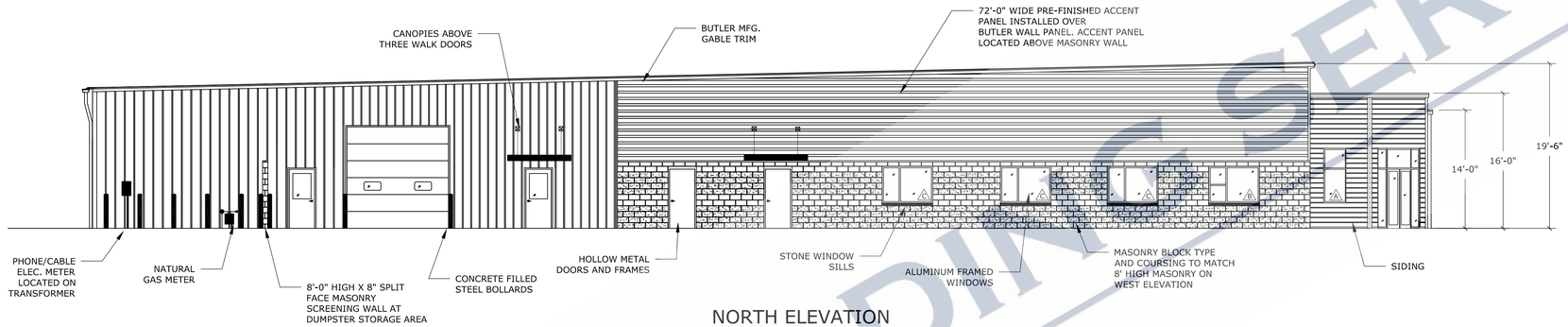
LAKESHORE HUMANE SOCIETY
COLUMBUS STREET
TWO RIVERS, WI 54241

SHEET INFORMATION	
A.C.E. JOB NO.	260/26
DATE:	1/20/25
DRAWN BY:	TLG
SCALE:	SEE DRAWING

SHEET
A101

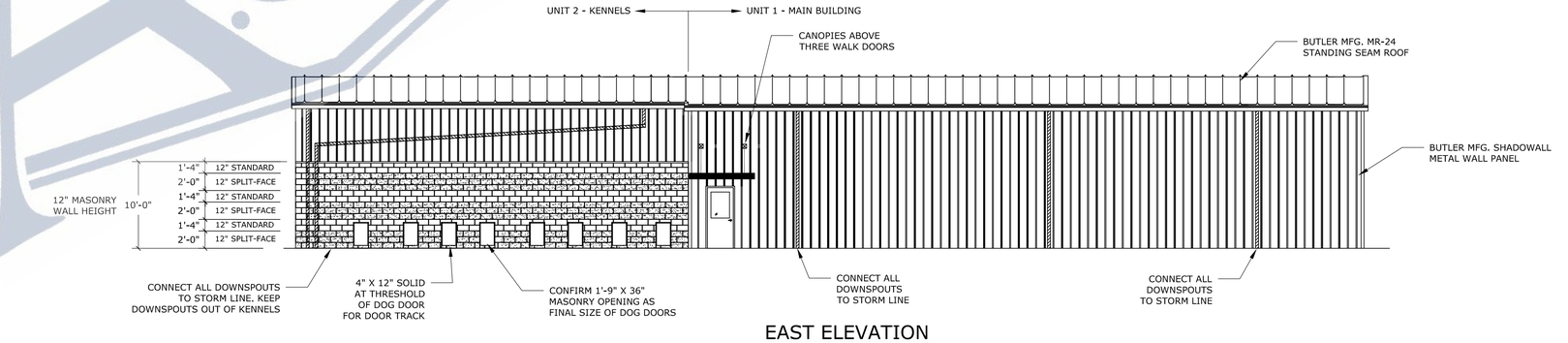


WEST ELEVATION
1/8" = 1'-0"



NORTH ELEVATION
1/8" = 1'-0"

SOUTH ELEVATION
1/8" = 1'-0"



EAST ELEVATION
1/8" = 1'-0"

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PROGRESS DRAWINGS	2/27/26	TLG
ARCH. QUOTE DRAWINGS	3/25/26	TLG

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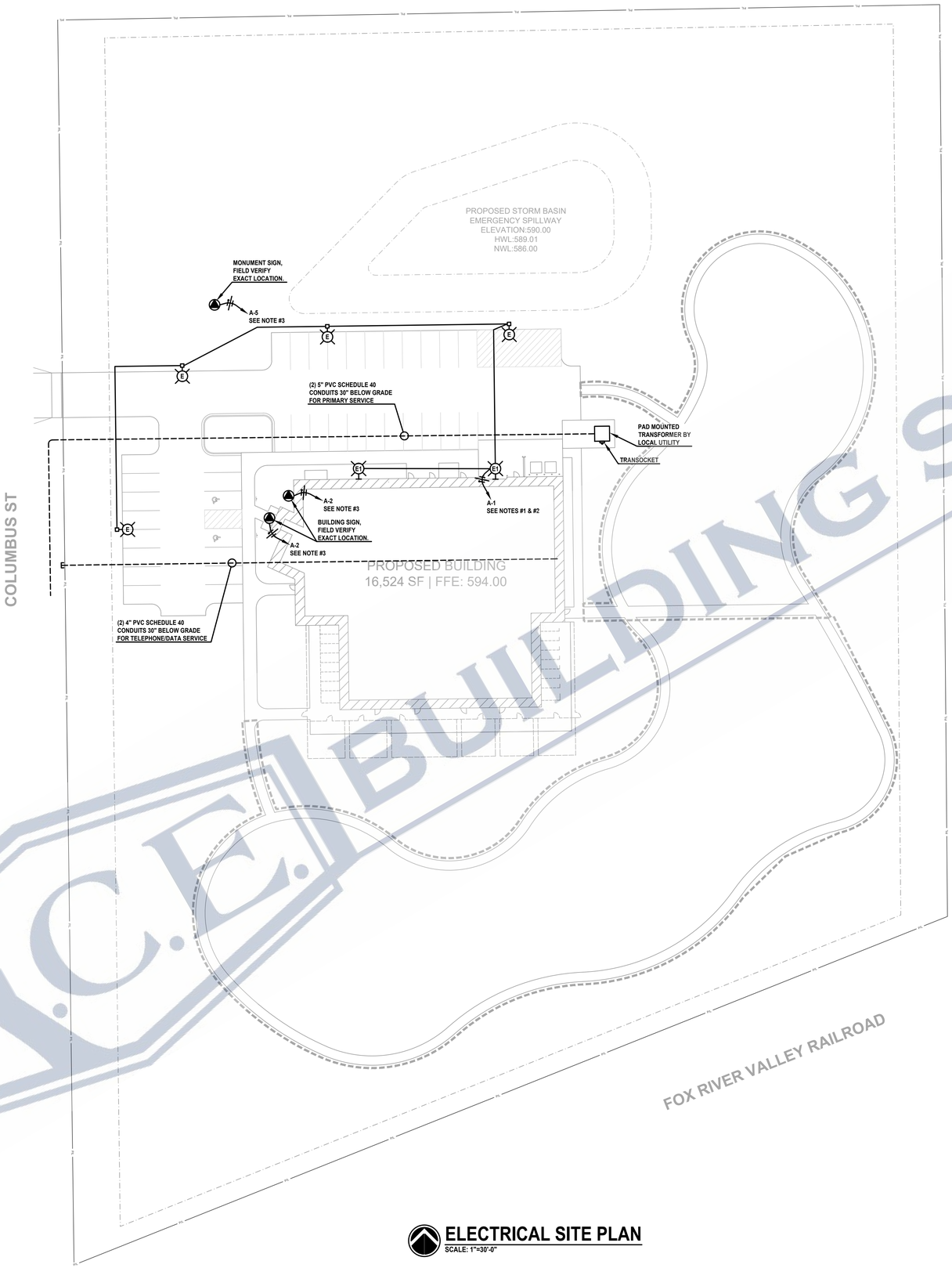
DATE:	1/20/25
DRAWN BY:	TLG
SCALE:	SEE DRAWING

SHEET
A300



NOTES:

1. EACH LIGHT FIXTURE TO HAVE MOTION SENSOR CONTROL. LIGHT FIXTURES TO DIM TO 33% AFTER 15 MINUTES OF NO MOTION DETECTED. ALL LIGHTS ON THAT CIRCUIT TO COME TO FULL BRIGHTNESS WHEN ONE MOTION SENSOR IS ACTIVATED.
2. 2 #8 THWN & 1 #8 GND. IN 3/4" C. TO LIGHTING PANEL VIA PHOTOCELL-ON, TIMECLOCK-OFF.
3. E.C. TO PROVIDE JUNCTION BOX INSIDE BUILDING WITH 3/4" CONDUIT BACK TO LIGHTING PANEL VIA PHOTOCELL-ON, TIMECLOCK-OFF FOR FUTURE LIGHTING OF BUILDING SIGNS.

ELECTRICAL SITE PLAN

SCALE: 1"=30'-0"

REVISION DESCRIPTION	DATE	REV. BY
ISSUED FOR PERMIT & BID	03/30/26	D.B.K.

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WISCONSIN
DAVID B. KORNACKI
E-33120-6
NEW BERLIN
WI
PROFESSIONAL ENGINEER

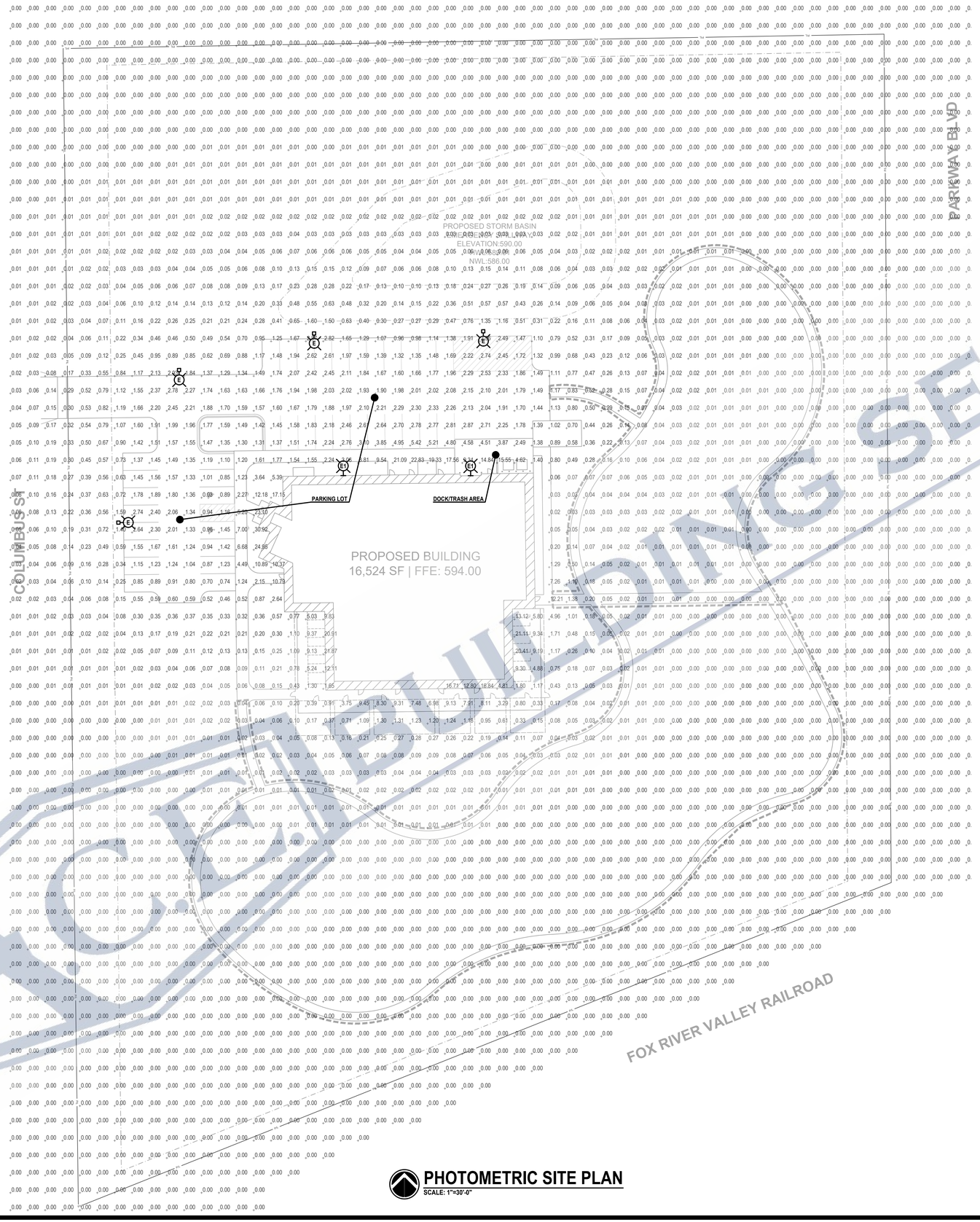
Date: 03/30/26

KORNACKI & ASSOCIATES, INC.
Electrical Design Consultants
262-784-3323
2845 S. Moorland Rd., New Berlin, WI 53151
Corporation Registration #33120-6-1K10672

SHEET INFORMATION	
A.C.E. JOB NO. 260/26 (26045)	
DATE:	03/30/26
DRAWN BY:	S.M.B.
SCALE:	AS NOTED

SHEET

E1.0



PHOTOMETRIC SITE PLAN

SCALE: 1"=30'-0"

LIGHTING ANALYSIS NOTES: (PARKING LOT)

1. AVERAGE FOOTCANDLES: 1.84
2. MAXIMUM FOOTCANDLES: 5.42
3. MINIMUM FOOTCANDLES: 0.70
4. MAXIMUM/MINIMUM RATIO: 7.7:1
5. AVERAGE/MINIMUM RATIO: 2.6:1

LIGHTING ANALYSIS NOTES: (DOCK/TRASH AREA)

1. AVERAGE FOOTCANDLES: 7.48
2. MAXIMUM FOOTCANDLES: 15.55
3. MINIMUM FOOTCANDLES: 2.49
4. MAXIMUM/MINIMUM RATIO: 6.2:1
5. AVERAGE/MINIMUM RATIO: 3.0:1

WISCONSIN
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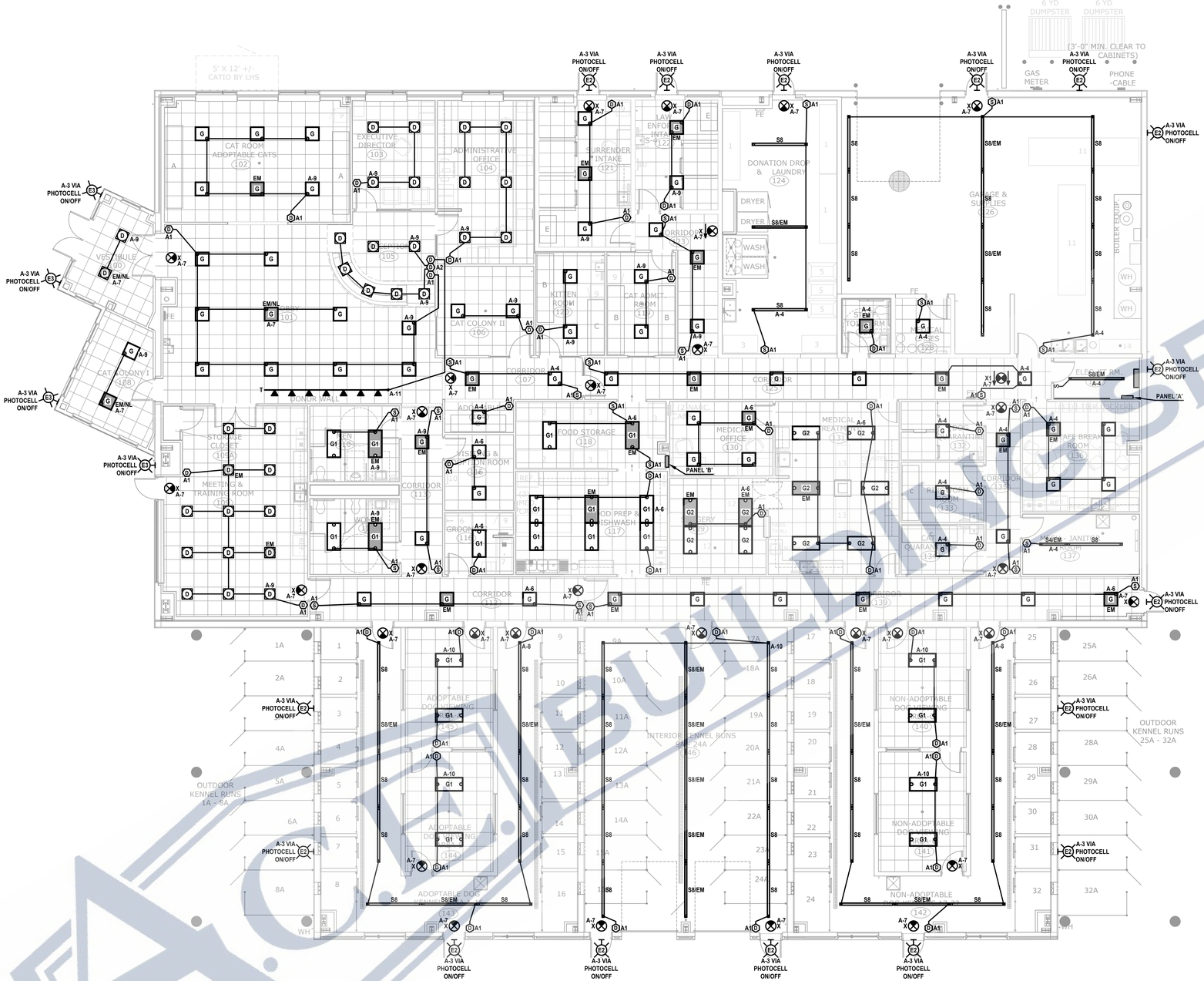

LIGHTING PLAN

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

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E3.0