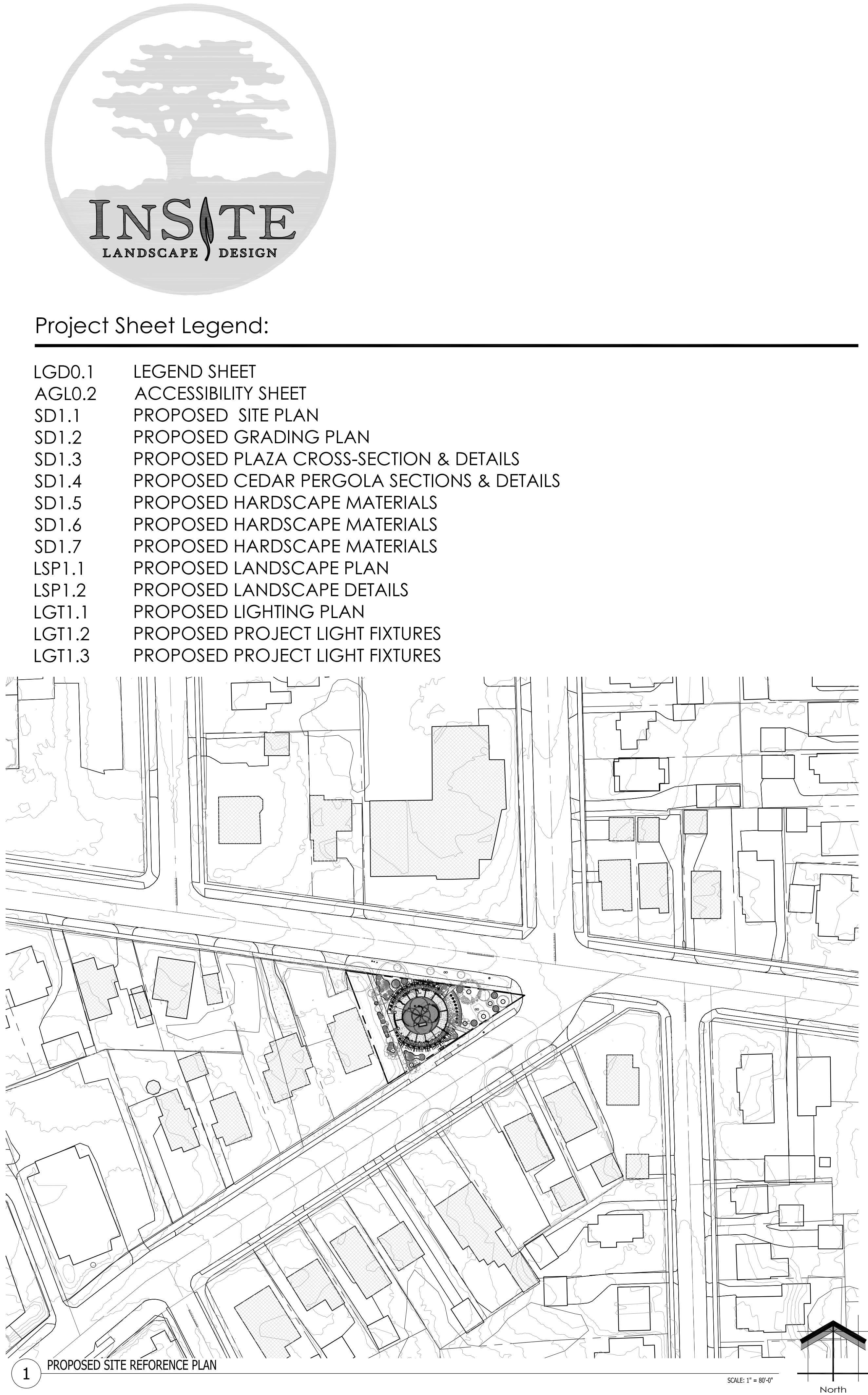




1 PROPOSED SITE REFERENCE PLAN

SCALE: 1" = 80'-0"



GENERAL SITE NOTES:

- ALL PAVING RADII SHALL BE 5'-0" UNLESS NOTED OTHERWISE.
- PROVIDE CONCRETE SIDEWALKS AS INDICATED ON PLAN.
- UTILITY DESIGN AND WORK BY DESIGN / BUILD CONTRACTOR.
- GRADING AT ACCESSIBLE ROUTE TO COMPLY WITH COMM. CH. 69 DESIGN GUIDELINES.
- FINISHED FLOOR ELEVATION = 100'-0" ON ARCHITECTURAL DRAWINGS VERIFY ACTUAL ELEVATION WITH DESIGN / BUILD CONTRACTOR.
- SITE ENGINEERING (ELECTRICAL, STORM WATER DRAINAGE, ETC.) BY DESIGN / BUILD CONTRACTOR.
- ALL PROPERTY LINE BEARINGS AND LENGTHS BASED ON OWNER PROVIDED DATA.
- VERIFY EXACT PLAZA PLACEMENT WITH DESIGN / BUILD CONTRACTOR.
- CONSTRUCTION SITE EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY OF WAUWATOSA AND SHALL EMPLOY EROSION CONTROL MEASURES AS SHOWN AND SPECIFIED IN THE DEPARTMENT OF NATURAL RESOURCES WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICES HANDBOOK (BMP HANDBOOK).
- EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT LEAVING PROPERTY. EROSION CONTROL MEASURES SHALL BE IN WORKING CONDITION AT END OF EACH WORK DAY.
- SILT FENCE SHALL BE INSTALLED IN ALL LOCATIONS WHERE POTENTIAL RUNOFF AND CONTAMINATION MAY OCCUR.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCTION RAINFALL EVENT. ANY NEEDED REPAIRS REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL PROTECTION AS DESIGNED.
- SEDIMENT IS TO BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES .05 FEET DEEP AT THE FENCE. REPAIR THE FENCE AS NECESSARY TO MAINTAIN BARRIER.
- SEE ALL RELATED DETAILS AND REMAINING SHEETS SPECIFICATION FOR ADDITIONAL INFORMATION AND HOW IT RELATES TO THE SCOPE OF THE PROJECT.

EXISTING CONDITIONS GENERAL NOTES

- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE LANDSCAPE DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
- THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS PLAN ARE APPROXIMATE. THERE MAY BE UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA OF DISTURBANCE THAT ARE NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE AND LOCATION OF ALL UNDERGROUND UTILITIES.
- VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS. BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.
- VERIFY LOCATION OF ACCESS PANELS w/ MECHANICAL AND ELECTRICAL EQUIPMENT FOR ACCESSIBILITY OF MECHANICAL & ELECTRICAL ITEMS. VERIFY LOCATIONS OF ALL BURIED UTILITIES AND STRUCTURES AND LOCATIONS OF ALL OVERHEAD WIRES.
- M VERIFY LOCATION OF ALL EXISTING EASEMENTS.
- INSITE LANDSCAPE DESIGN, INC. ASSUMES NO RESPONSIBILITY FOR DAMAGES, LIABILITY OR COSTS RESULTING FROM CHANGES OR ALTERATIONS MADE TO THIS PLAN WITHOUT THE EXPRESSED WRITTEN CONSENT OF INSITE LANDSCAPE DESIGN, INC.

SITE DEMOLITION GENERAL NOTES:

- INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE SITE IMPROVEMENT DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
- ALL EXISTING CONDITIONS SHALL BE REMOVED AS REQUIRED TO ACCOMMODATE PROPOSED CONSTRUCTION. WHETHER OR NOT NOTED ON DEMOLITION PLAN. (COORDINATE WITH MECH. & ELEC. DRAWINGS)
- SURFACES ADJACENT TO REMOVAL AREAS SHALL BE PATCHED AND CLEANED. NEW CONSTRUCTION TO MATCH EXISTING ADJACENT SURFACES / FINISHES (UNLESS NOTED OTHERWISE).
- PROVIDE DUST CONTROL AND/OR TEMPORARY BARRIERS / PARTITIONS AS REQUIRED BETWEEN CONSTRUCTION AREAS
- PROVIDE A SAFE PASSAGE THROUGH AND/OR AROUND CONSTRUCTION AREAS AS REQUIRED TO MAINTAIN INGRESS/EGRESS AT SHARED ACCESS POINT FOR PROJECT
- KEEP NOISE TO A LEVEL ACCEPTABLE TO OWNER. AND IN COMPLIANCE WITH LOCAL ORDINANCES.
- REFER MECHANICAL & ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION NOTES.

SITE GRADING PLAN GENERAL NOTES

- PROVIDE PERVIOUS SIDEWALKS AS INDICATED ON PLANS. REFER TO DETAILS FOR ADDITIONAL INFORMATION.
- UTILITY DESIGN AND WORK BY DESIGN / BUILD CONTRACTOR.
- GRADING AT ACCESSIBLE ROUTE TO COMPLY WITH COMM. CH. 69 DESIGN GUIDELINES.
- FINISHED FLOOR ELEVATION = 104'-0" ON ARCHITECTURAL DRAWINGS VERIFY ACTUAL ELEVATION WITH DESIGN / BUILD CONTRACTOR
- ALL PROPERTY LINE BEARINGS AND LENGTHS BASED ON OWNER AND DESIGN / BUILD CONTRACTOR PROVIDED DATA.
- VERIFY EXACT BUILDING PLACEMENT WITH GENERAL CONTRACTOR AND PROVIDED CIVIL ENGINEERING INFORMATION.
- FOR DEMOLITION INFORMATION REFER TO ARCHITECTURAL DRAWINGS AND SD1.3
- CONSTRUCTION SITE EROSION AND SEDIMENTATION CONTROL SHALL COMPLY WITH THE REQUIREMENTS OF THE COUNTY AND SHALL EMPLOY EROSION CONTROL METHODS AS SHOWN AND SPECIFIED IN THE DEPARTMENT OF NATURAL RESOURCES WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICES HANDBOOK (BMP HANDBOOK).
- ALL EROSION CONTROL MEASURES SHALL BE ADJUSTED TO MEET FIELD CONDITIONS AT THE TIME OF CONSTRUCTION AND SHALL BE INSTALLED PRIOR TO ANY GRADING OR DISTURBANCE OF EXISTING SURFACE MATERIAL ON THE SITE.
- PERIODIC INSPECTION AND MAINTENANCE OF ALL EROSION CONTROL STRUCTURES SHALL BE PROVIDED TO INSURE INTENDED PURPOSE IS ACCOMPLISHED. CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP AND REMOVAL OF ALL SEDIMENT LEAVING PROPERTY. EROSION CONTROL MEASURES SHALL BE IN WORKING CONDITION AT END OF EACH WORK DAY.
- SILT FENCE SHALL BE INSTALLED IN ALL LOCATIONS WHERE POTENTIAL RUNOFF AND CONTAMINATION MAY OCCUR.
- EROSION CONTROL MEASURES SHALL BE MAINTAINED ON A CONTINUING BASIS UNTIL SITE IS FULLY STABILIZED.
- ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY RUNOFF-PRODUCTION RAINFALL EVENT. ANY NEEDED REPAIRS REPAIRS SHALL BE MADE IMMEDIATELY TO MAINTAIN ALL PROTECTION AS DESIGNED.
- SEDIMENT IS TO BE REMOVED FROM BEHIND THE SEDIMENT FENCE WHEN IT BECOMES .05 FEET DEEP AT THE FENCE. REPAIR THE FENCE AS NECESSARY TO MAINTAIN BARRIER.
- SEE ALL RELATED DETAILS AND REMAINING SHEETS SPECIFICATION FOR ADDITIONAL INFORMATION AND HOW IT RELATES TO THE SCOPE OF THE PROJECT.
- ADDITIONAL GRADING OF GRASSSED OR LANDSCAPED AREAS MAY BE REQUIRED DUE TO THE PLUMBING, SANITARY OR OTHER UNDERGROUND UTILITY WORK - REVIEW DOCUMENTS IN THEIR ENTIRETY TO DETERMINE FULL SCOPE OF WORK.
- CONSTRUCTION LIMITS - FENCING AS REQUIRED.
- ALL CONSTRUCTION: CONSTRUCTION TRAFFIC, DELIVERIES STORAGE OF MATERIALS, VEHICLES DUMPSTERS AND OTHER CONSTRUCTION RELATED ITEMS ARE TO BE LOCATED IN THIS AREA ONLY. PROTECT AND SURROUND AREA AS NECESSARY.
- CONSTRUCTION ENTRY - RESTRICTED TO CONSTRUCTION PERSONNEL. CONSTRUCTION DELIVERIES AND PERSONNEL ARE TO USE THIS ENTRANCE ONLY.

SILT FENCE CONSTRUCTION:

- CONSTRUCT SILT FENCE AROUND THE DISTURBED AREAS AS SHOWN ON PLAN. SHEET SD1.2 TO PREVENT SEDIMENT FROM BEING WASHED INTO STORM WATER DRAINAGE SYSTEM.
- LOCATE SUPPORT POSTS DOWN SLOPE OF FILTER FABRIC TO HELP SUPPORT FENCING.
- WHEN JOINTS ARE NECESSARY, SECURELY FASTEN THE FILTER FABRIC AT A SUPPORT POST AND OVERLAP SUCE TO THE NEXT POST.
- SEDIMENT CONTROL FILTER FABRIC DESIGNED TO IMPEDE SILT RUN-OFF AND PREVENT TOP SOIL EROSION TO CONSIST OF NYLON POLYESTER, PROPYLENE, OR ETHYLENE YAM. MUST MEET WISDOT SPECIFICATIONS AND STANDARDS OF A MINIMUM 50 LB./LINEAR INCH GRAB TENSILE STRENGTH; A MINIMUM FLOW RATE OF 0.3 GALS./SQ. FT. AND SHOULD CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS.
- SEDIMENT CONTROL FILTER FABRIC SHALL BE ANCHORED BY SPREADING 8" OF FABRIC IN A 4"x4" TRENCH. LOOSE DIRT TO BE COMPACTED BACK IN TRENCH ON TOP OF FILTER FABRIC.
- SEDIMENT CONTROL FILTER FABRIC SHALL BE FASTENED TO THE UP-SLOPE SIDE OF 2"x2x3'-0" PINE POSTS. POSTS TO BE SPACED A MAXIMUM OF 6'-0" APART.
- PROVIDE INLET GRATE SCREENS AS NEEDED. FIELD LOCATE ALL WITHIN AREA OF CONSTRUCTION SITE SILT FENCE. REFER TO DETAILS 2/SD1.2 - SD01.2

SITE LEGEND

POURED CONCRETE

BUILDING FOOTPRINT

PERVIOUS PAVER (REFER TO DETAIL 2/SD1.1)

AGGREGATE SPLASH STRIP

DRY CREEK BED 4'-6" COBBLES

PROPERTY LINE

BUILDING SET BACK

EXIT LOCATIONS

ACCESSIBLE PATH OF TRAVEL

SPOT ELEVATION

TRACKING PAD

WISCONSIN STATUTE 182.0175 (1974) REQUIRES A MINIMUM OF 3 DAYS NOTICE BEFORE YOU EXCAVATE (NOT INCLUDING SATURDAY, SUNDAY OR LEGAL HOLIDAYS)

UNDERGROUND SEWER AND UTILITY INFORMATION AS SHOWN IS OBTAINED FROM THE RECORDS OF MUNICIPALITY AND LOCAL UTILITY COMPANIES. THE ACCURACY OF WHICH CAN NOT BE GUARANTEED OR CERTIFIED TO. THE LOCATIONS OF EXISTING UTILITY INSTALLATIONS AS SHOWN ON THIS SURVEY ARE APPROXIMATE. THERE MAY BE OTHER UNDERGROUND UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

TO OBTAIN LOCATION OF PARTICIPANT'S UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN CALL THE MILWAUKEE UTILITY ALERT NETWORK (800) 242-8511, (262) 432-7910 (877) 500-9592 www.DiggersHotline.com OR

Know what's below. Call before you dig.

LANDSCAPE PLAN GENERAL NOTES

PLANT MATERIAL SHOWN ON LANDSCAPE PLAN IS DEPICTED AT MATURE GROWTH.

- AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNER'S REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNER'S "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LANDSCAPE CONTRACTOR AT NO COST TO OWNER.
- ALL PLANTINGS SPECIFIED FOR THE WAUWATOSA VETERANS MEMORIAL PLAZA PROJECT PLANTING TABLES SHALL COMPLY WITH STANDARDS AS DESCRIBED IN AMERICAN STANDARD OF NURSERY STOCK ANSI Z60.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.
- ALL DEVIATIONS FROM THE APPROVED WAUWATOSA VETERANS MEMORIAL PLAZA PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWINGS. BY THE CONTRACTOR AND MAY BE DELETED ONLY WITH PRIOR APPROVAL FROM THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
- ALL PLANTS MUST BE BID AND SELECTED PER THE SPECIES SPECIFIED ON THE PLANS. ANY SPECIES SUBSTITUTIONS MUST BE APPROVED IN WRITING BY LANDSCAPE ARCHITECT. THE SIZES OF PLANT MATERIAL LISTED HEREIN IS A MINIMUM ACCEPTABLE SIZE. ADDITIONALLY, IF EXCESSIVE PRUNING REDUCES THE CROWN THE PLANT SHALL BE REPLACED.
- PROTECT PUBLIC FROM CONSTRUCTION WITH BARRIERS AND BARRICADES.
- ALL AREAS THAT WERE DISTURBED DURING CONSTRUCTION AND AREAS NOT COVERED WITH PAVEMENT, BUILDING, PLANTING BEDS, OR TREE PITS ARE TO BE TOPSOILED 3" DEEP (MIN.) AND SHALL BE SOODED/SEEDED WITH SPECIFIED LAWN GRASS. LANDSCAPE CONTRACTOR SHALL INCLUDE COST PER SQUARE YARD FOR ADDITIONAL SEED OPERATIONS AS MAY BE POSSIBLY REQUIRED TO REESTABLISH ADJACENT TURF GRASS AREAS WHICH MAY BECOME DAMAGED DURING THE CONSTRUCTION PROCESS OR TO REPAIR DAMAGE DONE BY OTHERS.
- CONTRACTOR IS RESPONSIBLE FOR FURNISHING ALL MATERIALS, TOOLS, EQUIPMENT, LABOR, AND PLANTS NECESSARY FOR PROPER PLANTING AND INSTALLATION OF ALL LANDSCAPE MATERIAL.
- QUANTITIES ON PLANT MATERIALS LIST ARE FOR CONVENIENCE OF BIDDING ONLY. CONTRACTOR IS RESPONSIBLE FOR ALL PLANTS SHOWN ON LANDSCAPE PLANS AND COVERAGE OF ALL AREAS DELINEATED. THE PLANS ARE TO SUPERSEDE THE PLANT LIST IN ALL CASES.
- CONTRACTOR IS RESPONSIBLE FOR ALL ESTIMATING AND BIDDING, ALL AREAS, QUANTITIES MATERIALS SHOULD BE FIELD VERIFIED WITH SITE CONDITION.
- WHERE DISCREPANCIES OCCUR BETWEEN THE LANDSCAPE PLANS AND/OR ARCHITECTURAL AND/OR THE CIVIL DRAWINGS (AND ANY OTHER SITE DRAWINGS) THE DISCREPANCIES MUST BE BROUGHT TO THE LANDSCAPE ARCHITECTS ATTENTION FOR COORDINATION AND RESOLUTION.
- ALL DISEASED, NOXIOUS OR INAPPROPRIATE MATERIALS SHALL BE REMOVED FROM THE PROPOSED SITE PRIOR TO THE START OF CONSTRUCTION AND DURING THE MAINTENANCE PERIOD.
- GENERAL CONTRACTOR SHALL LEAVE THE SITE FREE OF CONSTRUCTION DEBRIS.
- ALL LAWN AND PLANTING AREAS SHALL SLOPE TO DRAIN A MINIMUM OF 2% UNLESS NOTED OTHERWISE AND REVIEWED WITH OWNER'S REPRESENTATIVE FOR FINAL APPROVAL.
- FINISH GRADES FOR SHRUB AND GROUND COVER AREAS SHALL BE HELD 1" BELOW TOP OF ADJACENT PAVEMENTS AND CURBS, UNLESS NOTED OTHERWISE ON THE PLANS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- ALL PERENNIAL, ANNUAL AND GROUND COVER AREAS TO RECEIVE A BLEND OF ORGANIC SOIL AMENDMENTS PRIOR TO PLANTING. TILL THE FOLLOWING MATERIALS INTO EXISTING TOPSOIL TO A DEPTH OF APPROXIMATELY 8". A DEPTH OF 12" IN TREE PITS. PROPORTIONS AND QUANTITIES MAY REQUIRE ADJUSTMENT DEPENDING ON THE CONDITION OF EXISTING SOIL. REFER TO LSP1.2 FOR FURTHER INFORMATION.
PER EVERY 100 SQUARE FEET ADD: ONE - 2 CUBIC FOOT BALE OF PEAT MOSS, 2 POUNDS OF 5 -10 -5 GARDEN FERTILIZER, 1/4 CUBIC YARD OF COMPOSTED MANURE OR OTHER COMPOSTED, ORGANIC MATERIAL.
- ALL SHRUBS TO BE POCKET PLANTED WITH A 50/50 MIX OF COMPOSTED, ORGANIC MATERIAL AND EXISTING SOIL. INSTALL TOPSOIL INTO ALL BEDS AS NEEDED TO ACHIEVE PROPER GRADE. REMOVE ALL EXCESSIVE GRAVEL, CLAY AND STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- PLANT ALL TREES SLIGHTLY HIGHER THAN FINISHED GRADE AT ROOT FLARE. BACK FILL HOLE WITH 2/3 EXISTING TOPSOIL AND ORGANIC SOIL AMENDMENTS SPECIFIED IN NOTE 15. AVOID ANY AIR POCKETS. DISCARD ANY GRAVEL, CLAY OR STONES. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- ALL TREES TO BE INSTALLED, STAKED AND GUYED ACCORDING TO DETAILS. REFER TO ANSI STANDARDS FOR PLANTING 2012 AND DETAILS ON LSP1.2 FOR FURTHER INFORMATION.
- PROVIDE A 4'-0" - 5'-0" DIAMETER MULCH RING AT THE ROOT BALL FLARE OF ALL LAWN TREES.
- ALL PLANTINGS TO BE WATERED AT THE TIME OF PLANTING, THROUGHOUT CONSTRUCTION AND UPON COMPLETION OF PROJECT AS REQUIRED.
- WHERE SPECIFIED, ALL PLANT BEDS, PITS AND TREE RINGS ARE TO RECEIVE A MINIMUM OF 2" - 3" DRESSING OF SHREDED HARDWOOD OR BARK MULCH SHAVINGS FREE OF GROWTH, WEEDS, FOREIGN MATTER DETRIMENTAL TO PLANT LIFE OR GERMINATION INHIBITING INGREDIENTS. LANDSCAPE CONTRACTOR TO PROVIDE A SAMPLE TO OWNER FOR APPROVAL. CONTRACTOR TO TAKE CARE WITH INSTALLATION NOT TO DAMAGE OR COVER PLANTS. REFER TO LSP1.2 FOR FURTHER INFORMATION.
- LAWN INSTALLATION: CONTRACTOR TO FURNISH AND PREPARE TOPSOIL (3" MIN) AND SEED BED (REMOVE ALL STONES 1" OR LARGER) STARTER FERTILIZER AND SEED UNIFORMLY. PROVIDE A MULCH COVERING SUITABLE TO GERMINATE AND ESTABLISH TURF. EROSION CONTROL MESH SHOULD BE USED IN SWALES AND STEEP GRADES WHERE APPLICABLE. METHODS OF INSTALLATION MAY VARY AT THE DISCRETION OF CONTRACTOR. IT IS HIS/HER RESPONSIBILITY TO ESTABLISH AND GUARANTEE A SMOOTH, UNIFORM, QUALITY TURF. IF STRAW MULCH IS USED AS A COVERING, A TACKIFIER MAY BE NECESSARY TO AVOID WIND DAMAGE.
- DELUXE 50 GRASS SEED MIX REINDER'S (800) 785-3301**
20% KENTUCKY BLUE GRASS
15% NEWPORT KENTUCKY BLUE GRASS
15% SR 2100 Kentucky Bluegrass
25% Creeping Red Fescue
15% Replicator Perennial Ryegrass
10% Fiesta 4 Perennial Ryegrass
APPLY AT A RATE OF 300 POUNDS PER ACRE. REFER TO SUPPLIERS SPECIFICATIONS & INSTALLATION OUT SHEETS FOR FURTHER FORMATION
- DURING THE INITIAL "30 DAY MAINTENANCE PERIOD" THE LANDSCAPE CONTRACTOR IS REQUIRED TO PROVIDE AND ON-GOING PLEASANT VISUAL ENVIRONMENT WHEREAS ANY PLANT WHICH IS NOT RESPONDING TO TRANSPLANTING OR THRIVING SHALL IMMEDIATELY BE REPLACED. NEW LAWNS SHALL BE WATERED AND REPAIRED AND WEEDS MUST CONSTANTLY BE REMOVED, NO EXCEPTIONS WILL BE GRANTED.
MAINTENANCE NOTE:
MAINTENANCE IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO MAINTAIN REQUIRED LANDSCAPING IN ACCORDANCE WITH THE MUNICIPALITY'S PROPERTY MAINTENANCE CODE AND AN APPROVED MAINTENANCE PLAN. THE MAINTENANCE MUST INCLUDE, AT A MINIMUM, METHODS FOR PROVIDING THE FOLLOWING:
 - NECESSARY IRRIGATION (IF REQUIRED)
 - INTEGRATED PEST MANAGEMENT,
 - PROPER FERTILIZATION
 - TREE CARE AND PRUNING, SHRUB TIP CLIPPING AND SHAPING AS REQUIRED
 - REPLACEMENT OF LOST VEGETATION, AND ALL DISEASED, DAMAGED, OR DEAD MATERIAL WILL BE REPLACED BY THE END OF THE FOLLOWING PLANTING SEASON IN PERPETUITY.
 - WEED MANAGEMENT AND BED CARE.
- ALL NEWLY PLANTED TREES AND SHRUBS ARE TO RECEIVE AN APPLICATION OF AN ANTI-TRANSPLANT SPRAY THAT WILL EFFECTIVELY REDUCE THE WATER LOSS OF TRANSPIRATION OF PLANT MATERIAL AND REDUCE THE STRESS OF TRANSPLANTATION. IT IS RECOMMENDED AS PART OF THE ONGOING MAINTENANCE THAT ANY BROADLEAF EVERGREEN AND CONIFEROUS TREE AND SHRUBS (EXCLUDING ARBOVITAE) RECEIVE AN APPLICATION OF AN ANTI-DESICCANT SPRAY TO REDUCE THE LOSS OF MOISTURE DUE TO WINTER DESICCATION.
- MAINTENANCE. THE OWNER SHALL TEND AND MAINTAIN ALL PLANT MATERIALS IN A HEALTHY GROWING CONDITION AS PER THE APPROVED PLAN. PLANTINGS SHALL BE REPLACED WHEN NECESSARY AND KEPT FREE FROM REFUSE & DEBRIS. ALL PLANTING MATERIAL WHICH IS DYING OR DAMAGED BEFORE RECOVERY SHALL BE REPLACED WITHIN SIX (6) MONTHS OR BY THE NEXT PLANTING SEASON, WHICHEVER COMES FIRST. CONTRACTOR TO PROVIDE 1 YEAR PLANT MATERIAL WARRANTY.

77 LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE

Landscape Consulting
& Master Planning Design Services

11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Project for:

WAUWATOSA
VETERANS COMMITTEE
Wauwatosa, WI

Project:

WAUWATOSA
VETERANS MEMORIAL
PLAZA

Harwood Ave & Milwaukee Ave
Wauwatosa, WI 53226

Issuance and Revisions:

Date	Number	Description
06/05/23		Client Review Submittal
06/29/23		Parks Dept Prelim Meeting
07/17/23		Parks Dept Meeting
08/28/23		Client Review Submittal
09/20/23		Phase I Construction Document Submittal
08/26/25		Design Review Board Submittal
09/09/25		Revisions based on Staff Review Comments / Design Review Board Re-Submittal
04/09/26		Design Review Board Re-Submittal

COPYRIGHT InSite Landscape Design Inc. 2020
ALL RIGHTS RESERVED
THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF InSite Landscape Design, Inc. THE CLIENT AGREES TO INDEMNIFY AND HOLD THE InSite Landscape Design Inc. HARMLESS FROM ANY DAMAGES, LIABILITY OR COST, INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE ARISING FROM ANY CHANGES OR ALTERATIONS MADE BY ANYONE OTHER THAN THE InSite Landscape Design Inc. OR FROM ANY REUSE OF THE DRAWINGS OR DATA WITHOUT THE PRIOR WRITTEN CONSENT OF THE InSite Landscape Design Inc.

Sheet Title:

PROPOSED PLAZA PLAN SET
GENERAL NOTES AND
SITE INFORMATION.

Date of Drawing: 04/26/26

Scale: 1" = 20'-0"

Drawn By: MCD

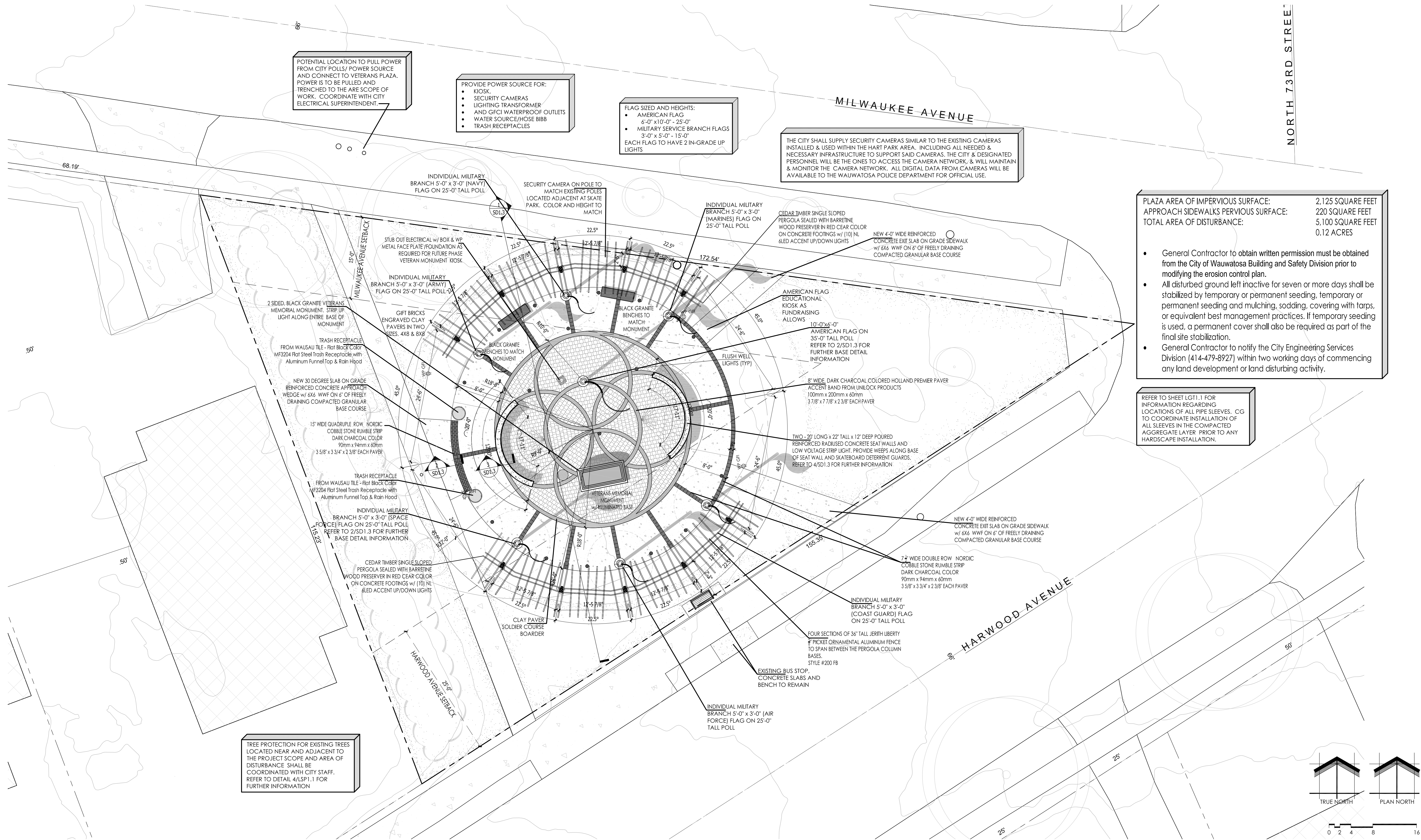
Job Number: L23-025

Sheet Number:

LGD0.1

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY - DO NOT SCALE THESE DRAWINGS- These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

L23-025 - WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2026



PLAZA AREA OF IMPERVIOUS SURFACE:	2,125 SQUARE FEET
APPROACH SIDEWALKS PERVIOUS SURFACE:	220 SQUARE FEET
TOTAL AREA OF DISTURBANCE:	5,100 SQUARE FEET
	0.12 ACRES

- General Contractor to obtain written permission must be obtained from the City of Wauwatosa Building and Safety Division prior to modifying the erosion control plan.
- All disturbed ground left inactive for seven or more days shall be stabilized by temporary or permanent seeding, temporary or permanent seeding and mulching, sodding, covering with tarps, or equivalent best management practices. If temporary seeding is used, a permanent cover shall also be required as part of the final site stabilization.
- General Contractor to notify the City Engineering Services Division (414-479-8927) within two working days of commencing any land development or land disturbing activity.

REFER TO SHEET LGT1.1 FOR INFORMATION REGARDING LOCATIONS OF ALL PIPE SLEEVES. CG TO COORDINATE INSTALLATION OF ALL SLEEVES IN THE COMPACTED AGGREGATE LAYER PRIOR TO ANY HARDSCAPE INSTALLATION.

WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

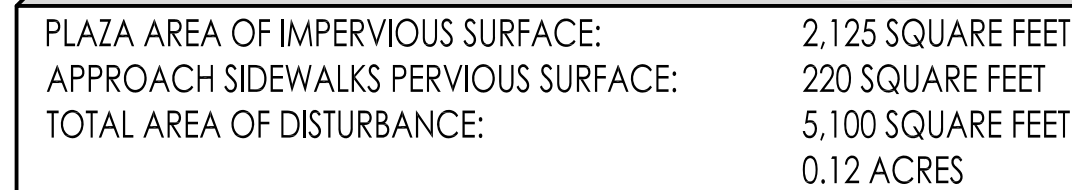
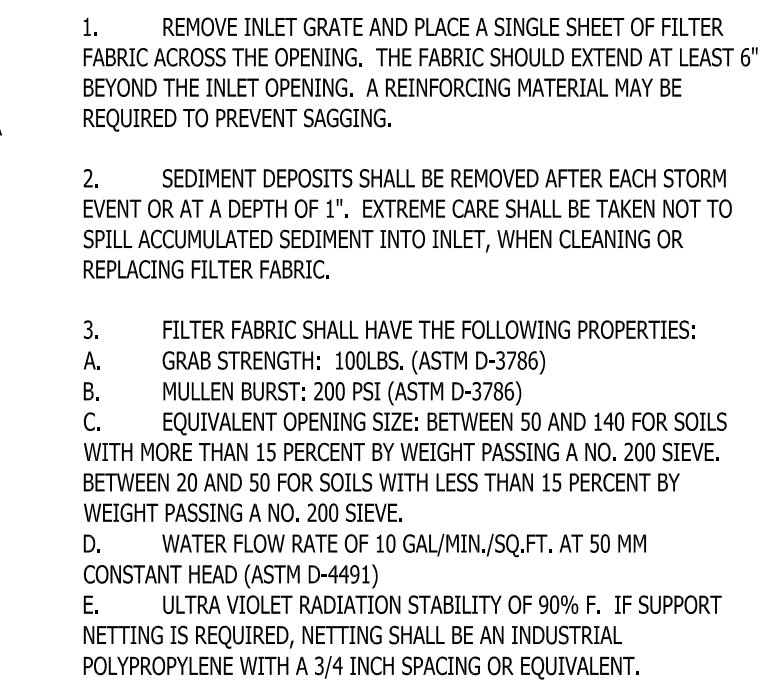
Proposed Wauwatosa Veteran Park Site Plan

Schematic - Not for Construction

- ① STAKED HAY BALES (TEMP)
- ② SILT FENCE
- ③ CONSTRUCTION EXIT

1. ANY EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CHECKED FOR STABILITY AND OPERATION FOLLOWING EVERY 1/2" RUNOFF-PRODUCTION RAINFALL BUT IN NO CASE LESS THAN ONCE EVERY WEEK. ANY NEEDED REPAIRS WILL BE MADE IMMEDIATELY TO MAINTAIN ALL PRACTICES AS DESIGNED.
2. SEDIMENT WILL BE REMOVED FROM BEHIND THE SILT FENCE WHEN IT BECOMES ABOUT 0.5 FT. DEEP AT THE FENCE. THE SILT FENCE WILL BE REPAIRED AS NECESSARY TO MAINTAIN A BARRIER.
3. ALL SEEDED AREAS WILL BE WATERED, FERTILIZED, RESEED AS NECESSARY, AND MULCHED TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.
4. ANY SEDIMENT REACHING A PUBLIC OR PRIVATE ROAD SHALL BE REMOVED BY STREET CLEANING BEFORE THE END OF EACH DAY.

*NOTE:
8'-0" POST SPACING
ALLOWED IF A
WOVEN GEOTEXTILE
FABRIC IS USED



- General Contractor to obtain written permission must be obtained from the City of Wauwatosa Building and Safety Division prior to modifying the erosion control plan.
- All disturbed ground left inactive for seven or more days shall be stabilized by temporary or permanent seeding, temporary or permanent seeding and mulching, sodding, covering with tarps, or equivalent best management practices. If temporary seeding is used, a permanent cover shall also be required as part of the final site stabilization.
- General Contractor to notify the City Engineering Services Division (414-479-8927) within two working days of commencing any land development or land disturbing activity.

11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
www.insitedesigninc.com
mdavis@insitedesigninc.com

Date	Number	Description
06/05/23		Client Review Submittal
06/29/23		Parks Dept Prelim Meeting
07/17/23		Parks Dept Meeting
08/28/23		Client Review Submittal
09/20/23		Phase I Construction Document Submittal
08/26/25		Design Review Board Submittal
09/09/25		Revisions based on Staff Review Comments / Design Review Board Re-Submittal
04/09/26		Design Review Board Re-Submittal

ALL RIGHTS RESERVED
THIS DRAWING IS NOT TO BE REPRODUCED,
CHANGED, COPIED OR ASSIGNED TO ANY THIRD
PARTY. ANY SUCH ATTEMPT WITHOUT FIRST
OBTAINING THE EXPRESSED WRITTEN PERMISSION
OF InSite Landscape Design, Inc. THE CLIENT AGREES
TO INDEMNIFY AND HOLD THE InSite Landscape
Design Inc. HARMLESS FROM ANY DAMAGES,
LIABILITY, OR COST, INCLUDING ATTORNEY'S FEES
AND COSTS OF DEFENSE ARISING FROM ANY
CHANGES OR ALTERATIONS MADE BY ANYONE
OTHER THAN THE InSite Landscape Design Inc., OR
FROM ANY REUSE OF THE DRAWINGS OR DATA
WITHOUT THE PRIOR WRITTEN CONSENT OF THE
InSite Landscape Design Inc.

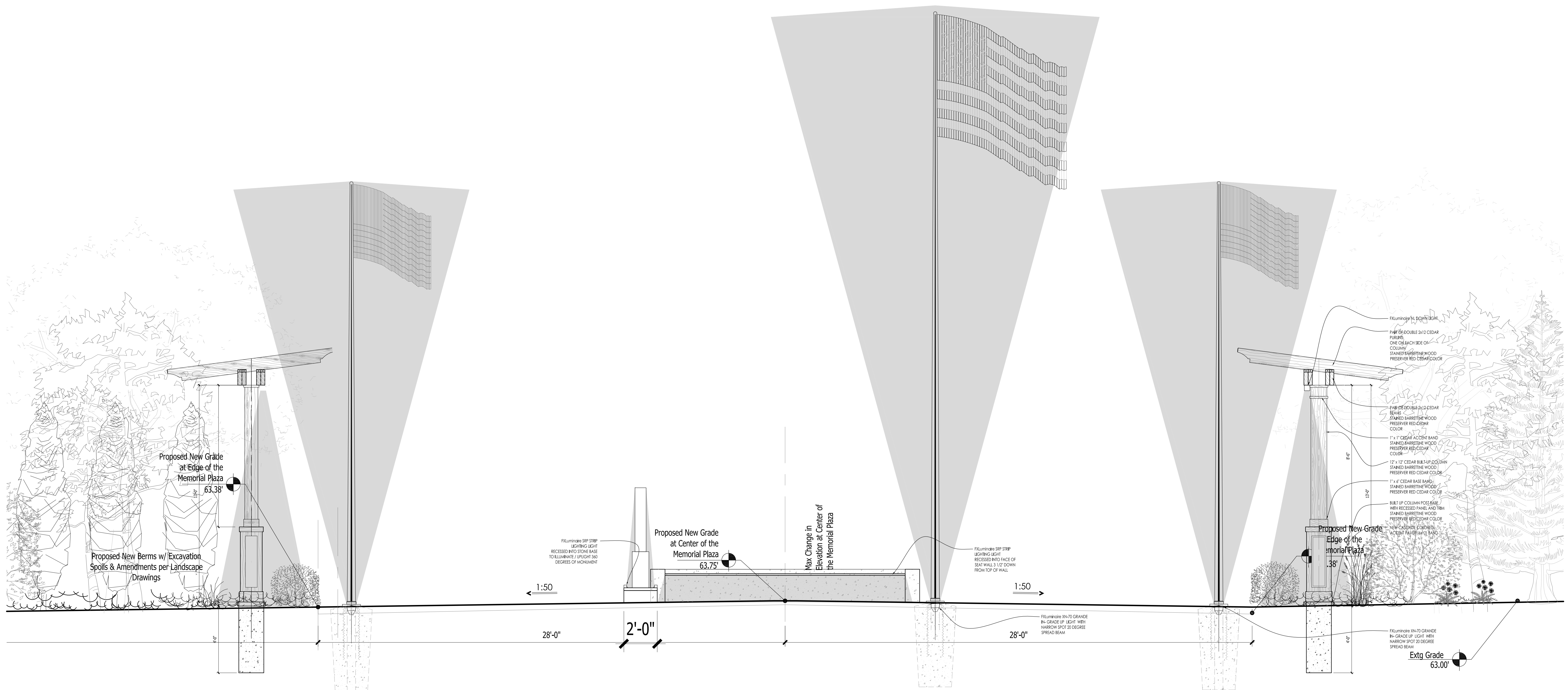
PROPOSED GRADING PLAN, EROSION CONTROL INFORMATION

Sheet Number:

SD1.2

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY- DO NOT SCALE THESE DRAWINGS-
These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

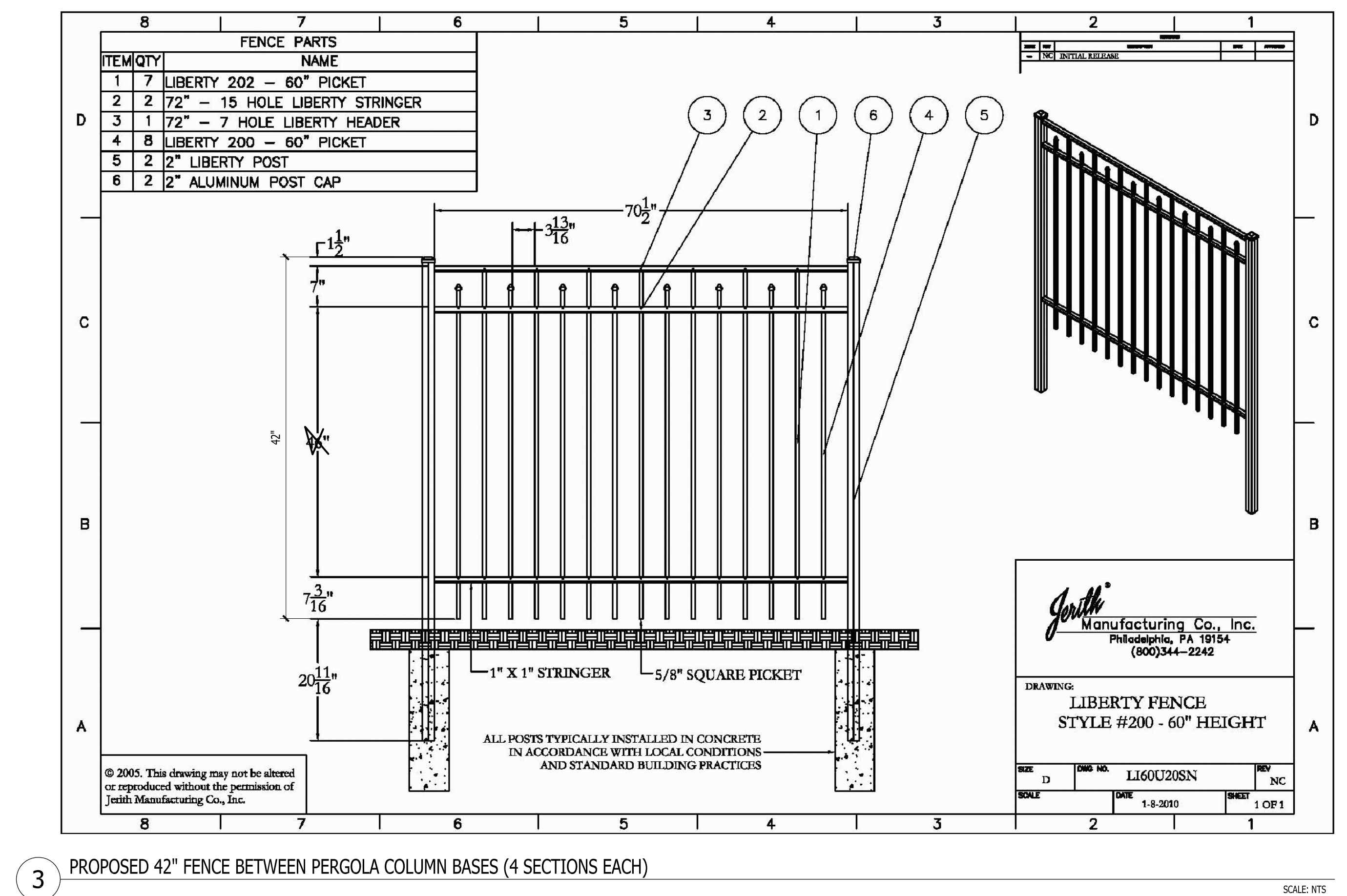
L23-025 -WAIWATOSA VETERANS MEMORIAL PLAZA - 04/09/2026



WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

Proposed Wauwatosa Veteran Park Cross Section

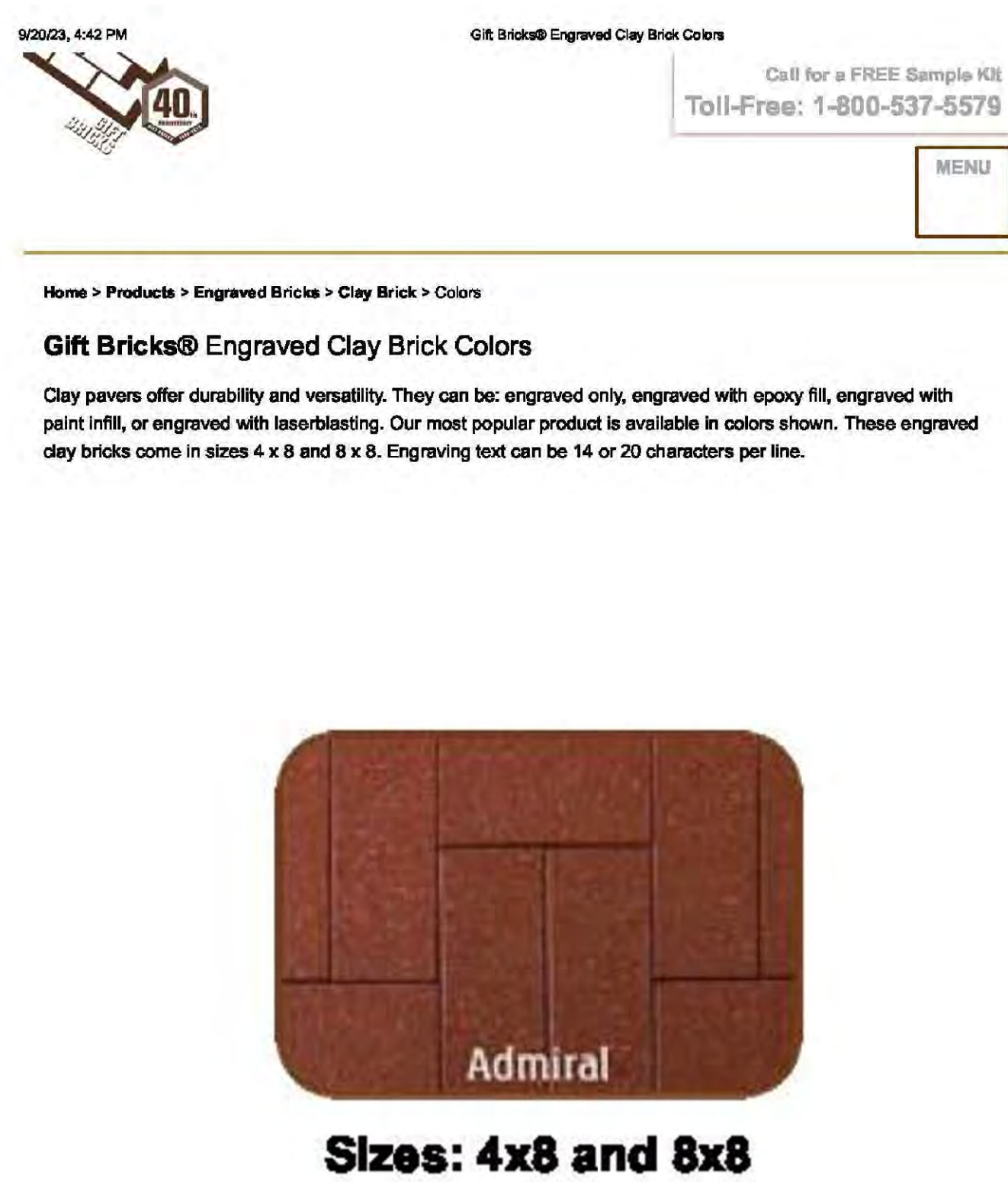
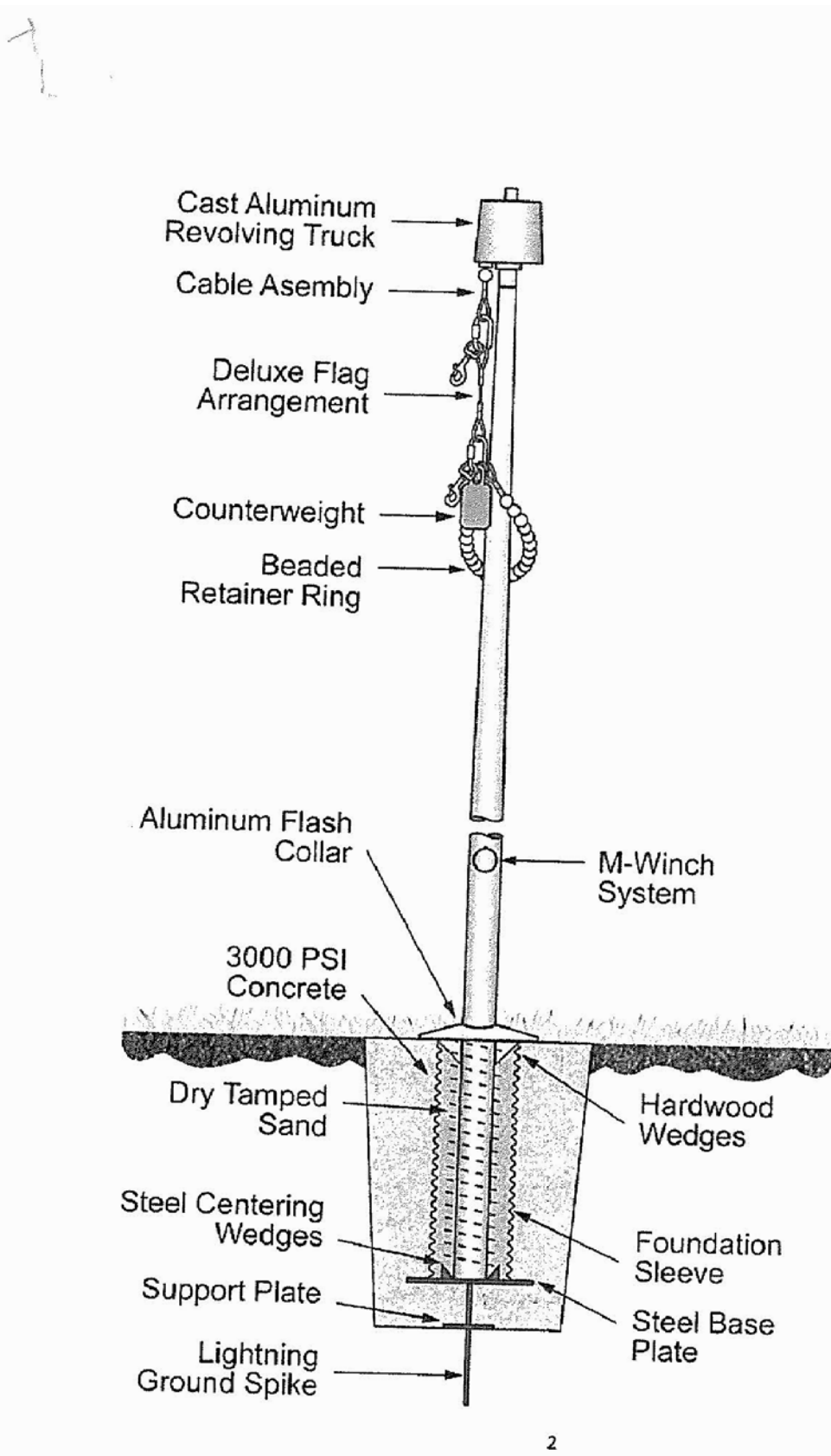
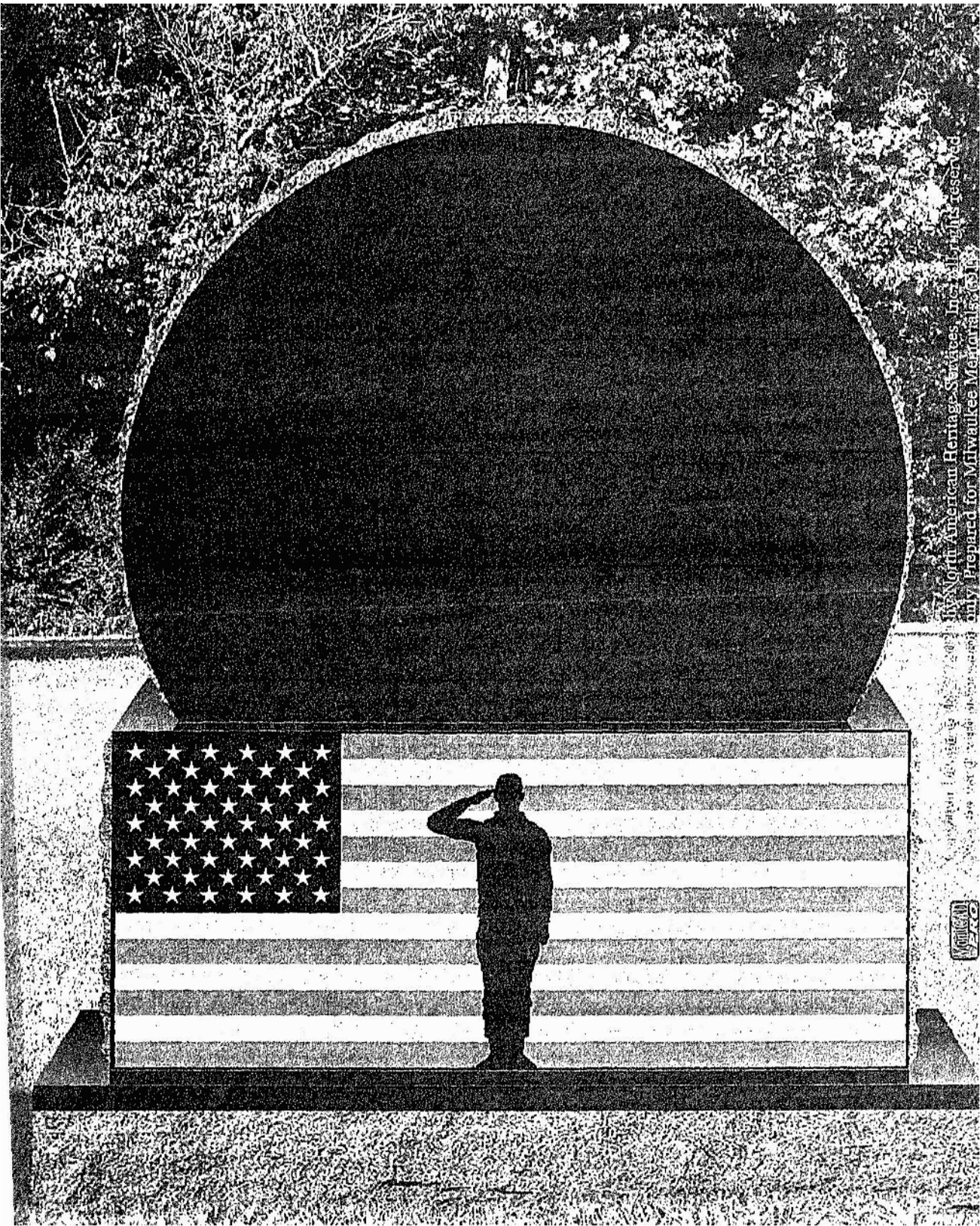
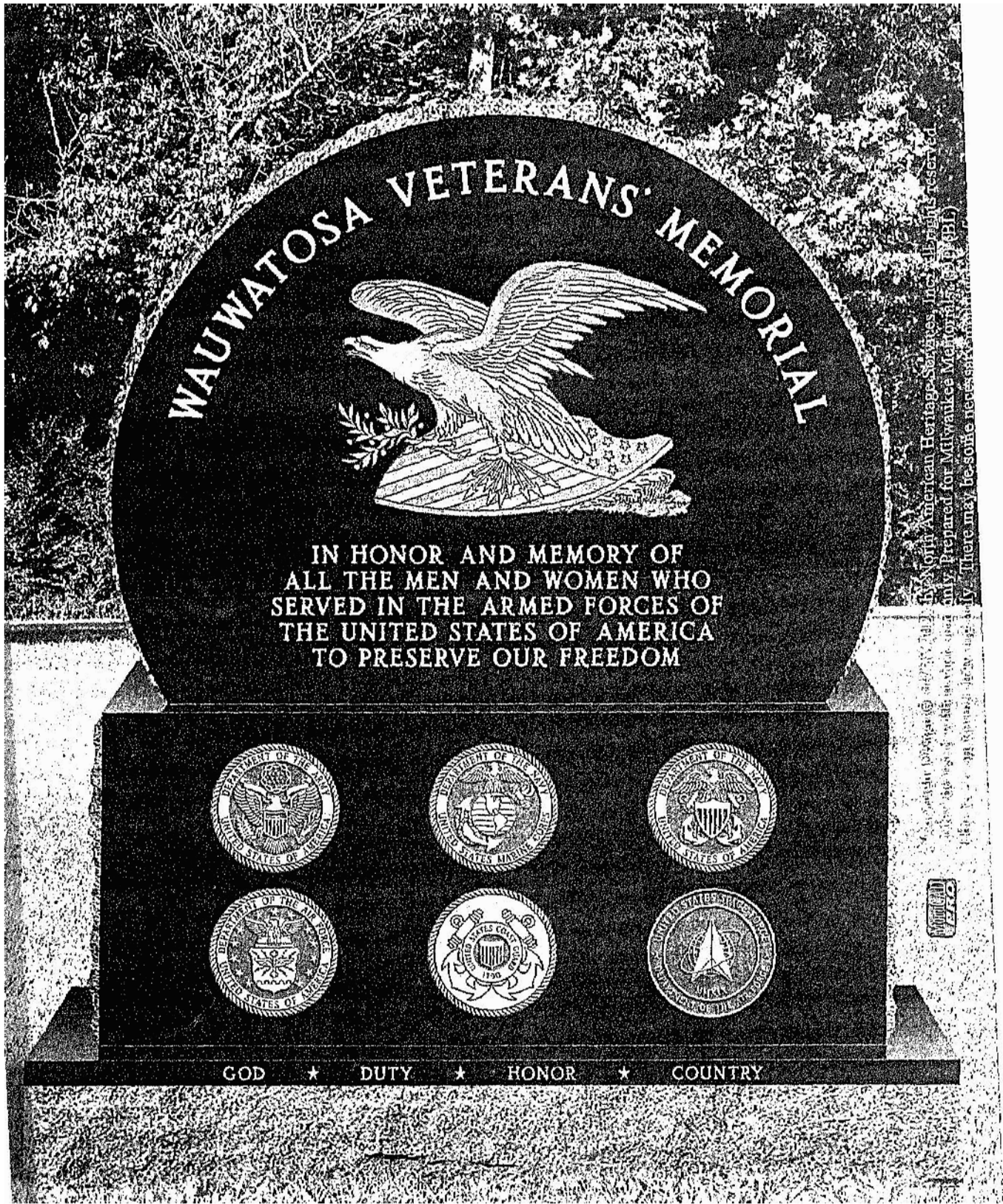
Schematic - Not for Construction



WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

Proposed Wauwatosa Veteran Park Pergola Sections

Schematic - Not for Construction

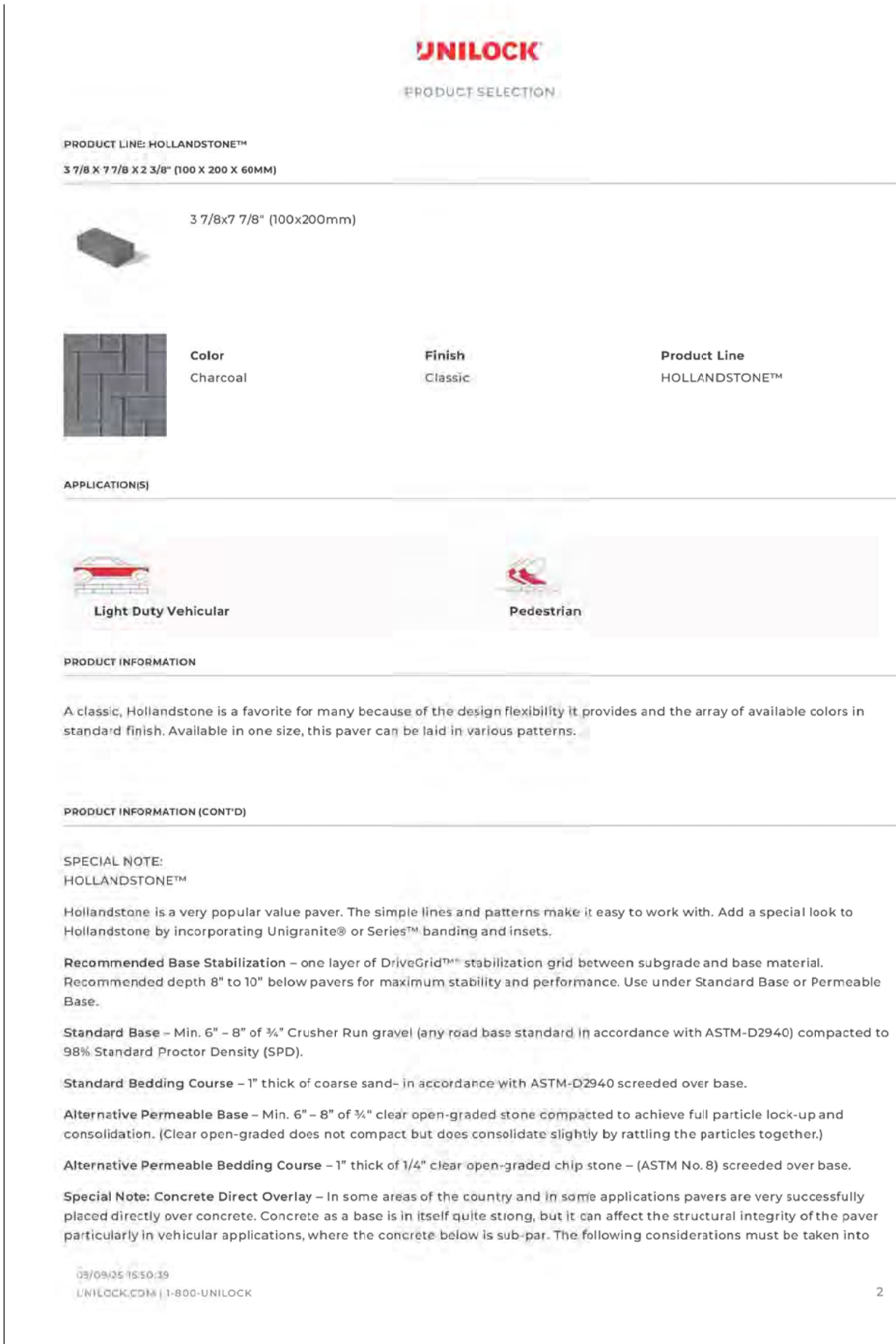


1 MEMORIAL PLAZA MONUMENT FRONT

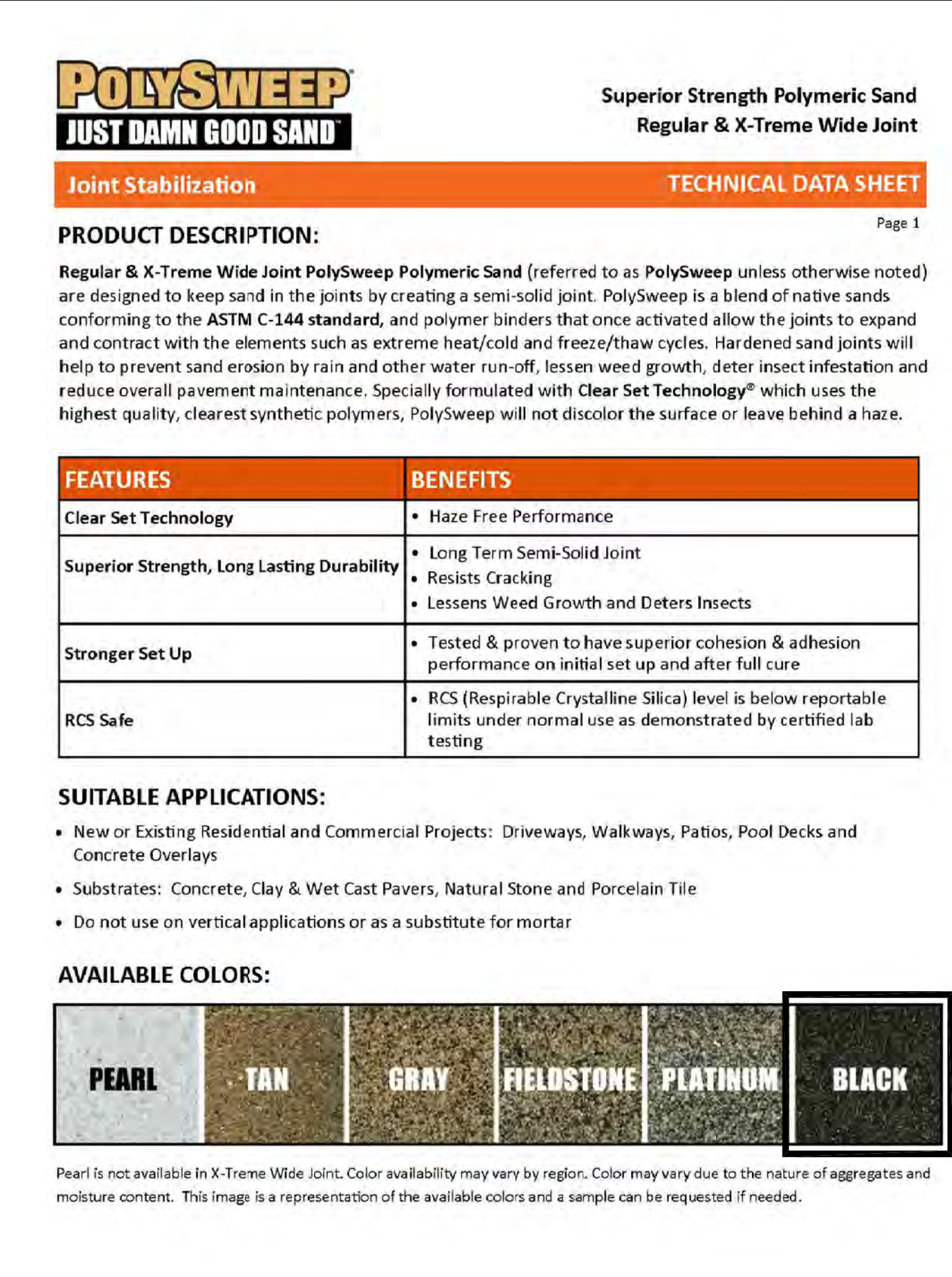
2 MEMORIAL PLAZA MONUMENT BACK

3 FLAG POLE

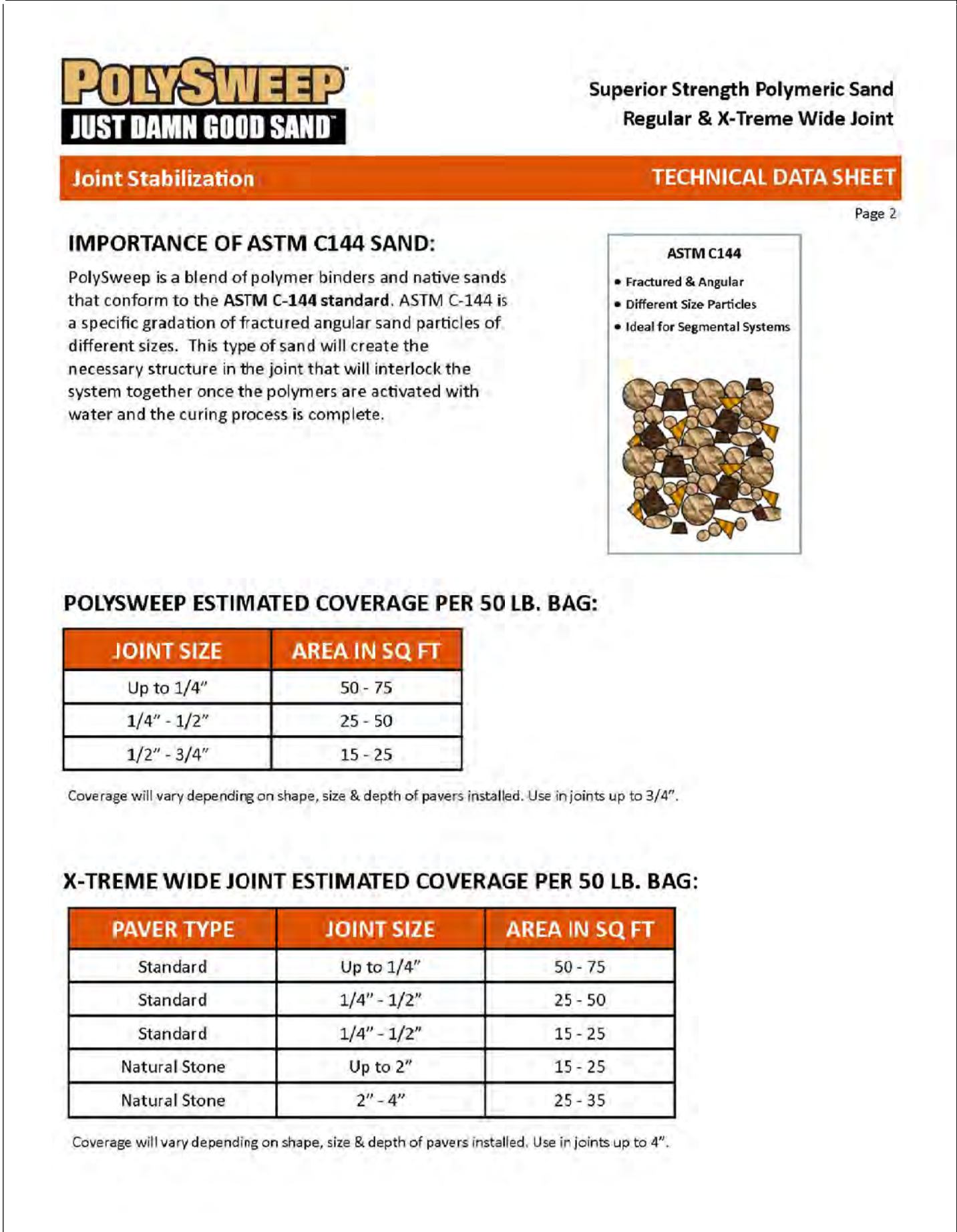
4 GIFT BRICKS 4"x8" OR 8"x8" REGIMENTAL RED WITH BLACK EPOXY FILL



5 7 1/2" WIDE DOUBLE ROW OF UNILOCK NORDIC COBBLE DARK CHARCOAL COLOR



6 PLAZA PAVER POLYSWEEP POLYMERIC JOINTING SAND - BLACK COLOR



Project for:

WAUWATOSA VETERANS COMMITTEE
Wauwatosa, WI

Project:

WAUWATOSA VETERANS MEMORIAL PLAZA

Harwood Ave & Milwaukee Ave
Wauwatosa, WI 53226

Issuance and Revisions:

Date	Number	Description
06/05/23		Client Review Submittal
06/29/23		Parks Dept Prelim Meeting
07/17/23		Parks Dept Meeting
08/28/23		Client Review Submittal
09/20/23		Phase I Construction Document Submittal
08/26/25		Design Review Board Submittal
09/09/25		Revisions based on Staff Review Comments / Design Review Board Re-Submittal
04/09/26		Design Review Board Re-Submittal

COPYRIGHT InSite Landscape Design Inc. 2020
ALL RIGHTS RESERVED
THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF InSite Landscape Design, Inc. THE CLIENT AGREES TO INDEMNIFY AND HOLD THE InSite Landscape Design Inc. HARMLESS FROM ANY DAMAGES, LIABILITY OR COST, INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE ARISING FROM ANY CHANGES OR ALTERATIONS MADE BY ANYONE OTHER THAN THE InSite Landscape Design Inc. OR FROM ANY REUSE OF THE DRAWINGS OR DATA WITHOUT THE PRIOR WRITTEN CONSENT OF THE InSite Landscape Design Inc.

Sheet Title:

PROPOSED PAHSE I
SITE MATERIALS / COMPONENTS

Date of Drawing: 04/26/26

Scale: NONE

Drawn By: MCD

Job Number: L23-025

Sheet Number:

SD1.5

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY - DO NOT SCALE THESE DRAWINGS-
These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

L23-025 - WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2025

Simpson Strong-Tie® Wood Construction Connectors

MPBZ™

SIMPSON Strong-Tie

Moment Post Base

The patent-pending MPBZ is specifically designed to provide moment resistance for columns or posts. An innovative over-sleeve sleeve design encapsulates the post, helping to resist rotation around its base. It is available for 4x4, 6x6 and 8x8 posts. The MPBZ is ideal for outdoor structures, such as decks, porches and stairs. Built-in stand-off tabs provide the required 1" stand-off to resist decay of the post while eliminating moisture and assembly. Additionally, the MPBZ is available in ZMAX® as the standard finish to meet exposure conditions in many environments. For 10" stem walls or round footings, see engineering tables L-C-10MPBZ and L-C-MPBZ at strongtie.com.

Features:

- Internal top-of-concrete tab
- 1" stand-off tabs
- Additional holes provided to attach trim material
- Wedge hole provided for water drainage

Material: 12 gauge

Finish: ZMAX coating

Installation:

- Use all specified fasteners, see General Notes
- Install MPBZ before on-site is placed using embedment level indicators and form board attachment holes
- Place post on tabs 1" above top of concrete
- Install Simpson Strong-Tie® SCS Heavy Duty Connector screws, which are supplied with the MPBZ. (Lag screws will not achieve the same load.)
- Concrete level inside the post must not exceed 1/2" above embedment line to allow for water drainage
- Annual inspection of connectors used in outdoor application is advised. If significant corrosion is apparent or suspected, then the wood, fasteners and connectors should be evaluated by a qualified engineer or inspector

Codes: See p. 12 for Code Reference Key Chart

Web Applications: Visit app.strongtie.com/pd to access our suite of Engineering Designer web applications

MPB68Z
(MPB44Z, MPB66Z similar)
1/2" Stand-off tabs

Typical MPB66Z Nonreinforced Installation
(others similar)

SECTION A
Reinforced Concrete Footing
Footing (size and reinforcement) by designer. Standard hook geometry is accordance with ACI 318 unless noted otherwise.

SECTION B
Reinforced Concrete Footing
Footing (size and reinforcement) by designer. Standard hook geometry is accordance with ACI 318 unless noted otherwise.

1 SIMPSON STRONG TIE MOMENT POST BASE (MPB88Z)

68

Simpson Strong-Tie® Wood Construction Connectors

MPBZ™

SIMPSON Strong-Tie

Moment Post Base (cont.)

These products are available with additional corrosion protection. For more information, see pp. 13-15

Model No.	Nominal Column Size	Dimensions (in.)	Strong-Tie® SCS Screws	Concrete Allowable Loads						Wood Assembly Of 2" Wood Joists		Rational Sd/ft (in.-k/ft)	Code Ref.	
				Uplift		Lateral F _y		Moment M (F _t -B)		Download (lb/ft)	Moment M (F _t -B) (lb-ft)			
				Unbraced	Cracked	Unbraced	Cracked	Unbraced	Cracked					
Nonreinforced Concrete														
Weld and Seismic Design Category A-B														
MPB44Z	4x4	24x12	7/16	198	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB66Z	6x6	24x12	7/16	245	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB88Z	8x8	24x12	7/16	292	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
Seismic Design Category C-F														
MPB44Z	4x4	24x12	7/16	198	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB66Z	6x6	24x12	7/16	245	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB88Z	8x8	24x12	7/16	292	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
Reinforced Concrete														
Weld and Seismic Design Category A-B														
MPB44Z	4x4	24x12	7/16	198	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB66Z	6x6	24x12	7/16	245	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB88Z	8x8	24x12	7/16	292	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
Seismic Design Category C-F														
MPB44Z	4x4	24x12	7/16	198	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB66Z	6x6	24x12	7/16	245	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.
MPB88Z	8x8	24x12	7/16	292	12	2,100	1,200	1,200	545	6,240	8,410	1,500	1,245,000	IBC, L.A.

1. Loads may not be increased for duration of load.
2. Higher download can be achieved with the use of the wood assembly to provide alternative load.
3. Concrete shall be at least 28 days old at time of installation.
4. Tabulated rotational stiffness accounts for the rotation of the base assembly attributable to deflection of the connector, fastener slip, and post deformation. Designer must account for additional deflection attributable to bending of the post.
5. Multiple columns and wind ASD uplift and lateral load values by 1.43 or 1.07, respectively, to obtain LFD capacities.
6. In accordance with ACI 318, Section 18.13.1, detailed one- and two-bay drawings in Seismic Design Category (SDC) C may use "Weld and SDC A-B" allowable loads.
7. Foundation dimensions are for anchorage only. Foundation design (size and reinforcement) by designer.
8. Alternative load shall be the lesser of the wood assembly or concrete allowable load.
9. For loading perpendicular to the face of the column, the allowable load must be evaluated using the following equation: (Design Uplift / Allowable Uplift) or (Design Lateral / Allowable Lateral) ≤ 1.0
10. To account for shrinkage up to 3%, multiply rotational stiffness by 0.75.
11. Tabulated load values may be used for rough beam (unbraced) or larger size posts without reduction factors. Designers and engineers should be aware that the post is not uniform on all four sides such that deflection of post is nonuniform with the center line of MPBZ.
12. LFD values are for Strong-Tie® SCS Heavy Duty Connector screws. See SCS for fastener details.

SECTION C
Reinforced Concrete Footing
Footing (size and reinforcement) by designer. Standard hook geometry is accordance with ACI 318 unless noted otherwise.

2 WAUSAU TILE MF 3204 - BLACK FLAT STEEL TRASH RECEPTACLE w/ FUNNEL TOP & RAIN HOOD

89

Products > Site Furnishings > Trash Receptacles > MF3204 Flat Steel Trash Receptacle with Aluminum Funnel Top and Rain Hood

MF3204 Flat Steel Trash Receptacle with Aluminum Funnel Top and Rain Hood

Dimensions: 26" d.a.
Height: 51"
Weight: 200 lbs.
Material: Steel
Shape: Round
Anchoring: Optional single point anchor available (7201)
Liner Included: Yes
Capacity: 39 gal. Liner

Flat Steel trash receptacle with aluminum covered funnel top with rain hood, has a great design and is light weight. Matches our family of flat steel benches - MF2200 series. Security cable and 39 gal. liner are included. Add your logos or recycling decals to customize. Choose the colors of both the top and container.

Available Colors

Metal Powder Coat

Request Sample

S44 Putty
S14 Clay
S7 Sky Blue
0 Blue
7 Sand
8 Black
84 Beige
126 Charcoal

PULL UP TO RELEASE POURING SPOUT TO POUR PRODUCT.

SCAN ME

OIL BASED*

WATER BASED*

✓ OIL/SPIRIT BASED

✓ DEEP PENETRATION

✓ GREATER PROTECTION

Regular treatment gives Superb water repellency

SHAKE WELL BEFORE & DURING USE

Barrettine

TRUSTED BY THE PROFESSIONALS

PREMIER COLOURS

Barrettine

TRUSTED BY THE PROFESSIONALS

PREMIER COLOURS

WOOD PRESERVER

PROTECTS AGAINST

WOOD BORING INSECTS, WOOD ROTTING FUNGI & BLUE STAIN

✓ HIGH LEVEL, LONG LASTING PROTECTION & PRESERVATION

✓ SUPERB QUALITY WATER REPELLENT RESINS*

✓ UV FADE RESISTANT COLOUR PIGMENTS*

WOOD PRESERVER

PROTECTS AGAINST

WOOD BORING INSECTS, WOOD ROTTING FUNGI & BLUE STAIN

✓ HIGH LEVEL, LONG LASTING PROTECTION & PRESERVATION

✓ SUPERB QUALITY WATER REPELLENT RESINS*

✓ UV FADE RESISTANT COLOUR PIGMENTS*

5 Litre e

5 Litre e

5 Litre e

3 BARRETTINE WOOD PRESERVER - RED CEDAR COLOR

90

Barrettine

TRUSTED BY THE PROFESSIONALS

Trusted by the Trade & Professionals for over 140 Years

Manufactured in the UK

WOOD PRESERVER

TECHNICAL DATA SHEET

WOOD PRESERVER (CLEAR & COLOURS)

DESCRIPTION

Nourish & Protects Wood Preserver is a high-quality, low odour oil/Spirit wood preservative which is deep penetrating. For wood protection against wood destroying fungi (wet rot), wood discoloring fungi and wood boring insects. Provides a semi-transparent matt/finish allowing the natural wood texture to be visible. For amateur and professional use.

PRODUCT INFORMATION & AREA OF USE

Low odour, solvent-borne, ready to use wood preservative which is odourless once dry. It actively protects against wood destroying & discoloring fungi and wood boring insects. The high penetrating ability of the product transports the actives into the wood and provides some vapour permeability. Whilst coloured versions also contain UV fade resistant pigments, providing some protection from damaging sunlight. As the finish is semi-transparent, the natural texture of the grain is visible and the sheen is matt to satin, depending on wood smoothness and number of coats.

Area of use: Outside applications including internal and outer frames of external joinery, doors, windows, facades, carpentry, clutters, summer houses, gates and balcony railings. Also suitable for wood resting on the ground / handstanding and not in constant contact with water, such as garden furniture. Not suitable for use in in-ground use where the wood is subjected to continual wetting, e.g. streams or ponds.

PREPARATION

New wood: If fungal contamination suspected, clean with Knockout Mould & Mildew Cleaner. Tannin-rich woods should be seasoned before use.

Renovation: All coatings should be completely removed. Pre 1960s paint may contain lead, take special precautions. If necessary, grey or discoloured wood should be sanded down to a clean, sound surface or treated with Barrettine Wood Reviver. Remove dust by wiping with Barrettine White Spirit or Methylated Spirits.

APPLICATION

Amateur / Professional uses: Do not apply in damp conditions or if rain is imminent. Apply thinly and evenly using a synthetic brush designed for solvent-borne products. In the direction of the wood grain. Ensure end grain is thoroughly treated along with cut and drilled areas and re-sal container after use.

2 coats minimum are recommended, depending on wood species and surface characteristics.

Application temperature: Ideally between 10 – 30°C. Wood should be frost-free when treated.

Protect environment (e.g. Soil, plants, aquatic environment) from splashes of the Preserver.

Do not apply in damp conditions or if rain is imminent. Re-sal container after use. It is recommended that a minimum of 2 coats are applied depending on wood species and surface characteristics.

COVERAGE

Effective against wood destroying fungi, blue stain and wood boring insects at 180 ml/m².

Drying time: 12 h under normal conditions (20°C/65% rel. humidity). Allow 6-12 hours drying time (touch dry) between coats. Low temperatures, increased humidity and composition of some wood types may increase drying time. Multiple applications will provide a darker finish and smoother wood will increase the sheen.

WOOD PRESERVER

PAGE 1

Revision 1

Barrettine

TRUSTED BY THE PROFESSIONALS

TECHNICAL DATA SHEET

WOOD PRESERVER

AFTERCARE MAINTENANCE

Maintenance requirements will depend on exposure and weathering. A top coat is not necessary over this product but can be applied after 24h drying time (normal conditions). Barrettine Decking Oil Log Cabin Treatment or a varnish/sealer (solvent or water based) will extend protection.

Compatibility and adhesion should be tested in a sample area first.

Cleaning of tools: Barrettine White Spirit or Brush Cleaner, immediately after use.

HEALTH & SAFETY

Wear appropriate personal protective equipment (PPE) such as chemical resistant gloves, overalls and eye/face protection to protect against splashes. If in doubt, speak to your PPE supplier and show them this label/product, or call us for further advice. Do not eat, drink or smoke whilst using. Handle product and dry freshly treated wood in areas with good ventilation and protect from rain until completely dry. Do not breathe sanding dust. During application to in situ timbers and during drying, do not contaminate soil and surface waters with product. Do not empty into drains or allow this product to reach aquatic environments, the ground or the sewer system.

For Professional use: Freshly treated timber must be stored after treatment under shelter or on impermeable hard-standing to prevent direct losses to soil or water. Any losses must be collected for reuse or disposal. **SKIN CONTACT:** Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Get medical attention promptly if symptoms occur after washing.

EYE CONTACT: Check for and remove any contact lenses. Rinse eyes with copious amounts of water for at least 15 minutes. If irritation occurs seek medical advice.

INGESTION: Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. If unconscious and breathing is OK, place in the recovery position. If unconscious, check for breathing and apply artificial respiration if necessary. Aspiration hazard if swallowed. Can enter lungs and cause damage. Transfer to hospital as soon as possible.

INHALATION: Remove casualty from exposure ensuring own safety whilst doing so. Get medical attention if adverse health effects persist or are severe. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

STORAGE: Store in original containers, tightly closed, between 0°C and 30°C.

DISPOSAL INFORMATION: Completely empty cans can be recycled as normal. Dispose of left-over product in the original container, in compliance with local regulations. Do not discharge product residues or cleaning wastes into the sewer system, drains, waterways or soil. Do not reuse empty containers. European Waste Code (EW/C) Code 13 02 02: Organic/derived wood preservative. 20 01 27: Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions (paints, inks, adhesives and resins containing dangerous substances).

DANGER

DO NOT CONTAMINATE FOOD STUFFS, EATING UTENSIL OR FOOD CONTACT SURFACES. WASH HANDS AND EXPOSED SKIN BEFORE MEALS AND AFTER USE. KEEP IN A SAFE PLACE UNPROTECTED PERSONS AND ANIMALS SHOULD BE KEPT AWAY FROM TREATED AREAS FOR 48 HOURS OR UNTIL SURFACES ARE DRY. AVOID ALL CONTACT WITH PLANT LIFE. COVER ALL STORAGE WATER TANKS BEFORE APPLICATION. ALL GATS ARE PROTECTED UNDER THE WILDLIFE & COUNTRYSIDE ACT 1981. BEFORE TREATING ANY STRUCTURE USED BY BATS, CONSULT NATURAL ENGLAND, SCOTTISH NATURAL HERITAGE OR THE COUNTRYSIDE COUNCIL, FOR WALES, HAZARDOUS TO BEEHIVES. DO NOT USE ON BEEHIVES OR BEE KEEPING EQUIPMENT. DO NOT USE IF UNDER MEDICAL ADVICE NOT TO WORK WITH ANTIMONY/ARSENIC COMPOUNDS. FOR OUTDOOR USE. Also for use on windows/frames, external doors/frames (internal & external sections). Timber in unoccupied areas is: floor joists.

USE ONLY AS DESCRIBED ON THE LABEL

Active ingredient: 3-KETO-2-PROPYNYL BUTYL CARBAMATE (PB/C) 0.24% W/W, TEBUCONAZOLE 0.284% W/W AND PERMETHRIN 0.06% W/W.

May be fatal if swallowed and enters airways.

Very toxic to aquatic life with long lasting effects.

May produce an allergic reaction. Repeated exposure may cause skin dryness or cracking.

WOOD PRESERVER

PAGE 2

Continued...

Barrettine

TRUSTED BY THE PROFESSIONALS

TECHNICAL DATA SHEET

WOOD PRESERVER

COMPLIANCE

FOR USE ONLY AS A WOOD PRESERVATIVE. READ ALL PRECAUTIONS BEFORE USE.

HSE No. 10007 FCS No. 9847.

Users must comply in full with all their legal responsibilities under the control of Pesticide Regulations 1986 as amended, including complying with all Conditions of Approval.

APPLICATION METHOD

Amateur: Brush and Roller.
Professional: Brush, Dip and Roller. Apply 180 ml of product per m² of timber surface.
Dipping: Dip timber in product for at least 3 minutes.

Additional risk mitigation measures for use by professional operators: Avoid excessive contamination of coveralls.

The COSHH (Control of Substances Hazardous to Health) Regulations 2002 (as amended) apply to the use of this product at work.

Refer to www.hse.gov.uk/pubns/guidance/series.htm To avoid risk to man and the environment, comply with instructions for use.

Active ingredient: 3-KETO-2-PROPYNYL BUTYL CARBAMATE (PB/C) 0.24% W/W, TEBUCONAZOLE 0.284% W/W AND PERMETHRIN 0.06% W/W.

3-keto-2-propynyl butyl carbamate is carbamate compound which has weak anticholinesterase activity.

Expiry date: 2 years from production date.

USE BIOCIDES SAFELY.

OUT OF HOURS EMERGENCY TELEPHONE NO. +44 (0) 1270 502891

The information contained herein and any other advice are given in good faith based on Barrettine's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Barrettine's recommendations. The information only applies to the application(s) and product(s) expressly referred to herein and is based on laboratory tests which do not replace practical tests. In case of changes in the parameters of the application, such as changes in substrates etc., or in case of a different application, consult Barrettine Technical Service prior to using Barrettine products. The information contained herein does not relieve the user of the products from testing them for the intended application and purpose.

WOOD PRESERVER

PAGE 3

Continued...

InSITE

LANDSCAPE DESIGN

Landscape Consulting & Master Planning Design Services

11525 W. North Avenue, Suite 1B

Wauwatosa, WI 53226

Tel (414) 476-1204

www.insitedesigninc.com

mdavis@insitedesigninc.com

Project for:

WAUWATOSA VETERANS COMMITTEE

Wauwatosa, WI

Project:

WAUWATOSA VETERANS MEMORIAL PLAZA

Harwood Ave & Milwaukee Ave

Wauwatosa, WI 53226

Issuance and Revisions:

Date	Number	Description
06/05/23		Client Review Submittal
06/29/23		Parks Dept Prelim Meeting
07/17/23		Parks Dept Meeting
08/28/23		Client Review Submittal
09/20/23		Phase I Construction Document Submittal
08/26/25		Design Review Board Submittal
09/09/25		Revisions based on Staff Review Comments / Design Review Board Re-Submittal
04/09/26		Design Review Board Re-Submittal

COPYRIGHT InSite Landscape Design Inc. 2020

THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF InSite Landscape Design, Inc. THE CLIENT AGREES TO INDEMNIFY AND HOLD THE InSite Landscape Design Inc. HARMLESS FROM ANY DAMAGES, LIABILITY OR COST, INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE ARISING FROM ANY CHANGES OR ALTERATIONS MADE BY ANYONE OTHER THAN THE InSite Landscape Design Inc. OR FROM ANY REUSE OF THE DRAWINGS OR DATA WITHOUT THE PRIOR WRITTEN CONSENT OF THE InSite Landscape Design Inc.

Sheet Title:

PROPOSED PROJECT SITE MATERIALS / COMPONENTS

Date of Drawing: 04/26/26

Scale: NONE

Drawn By: MCD

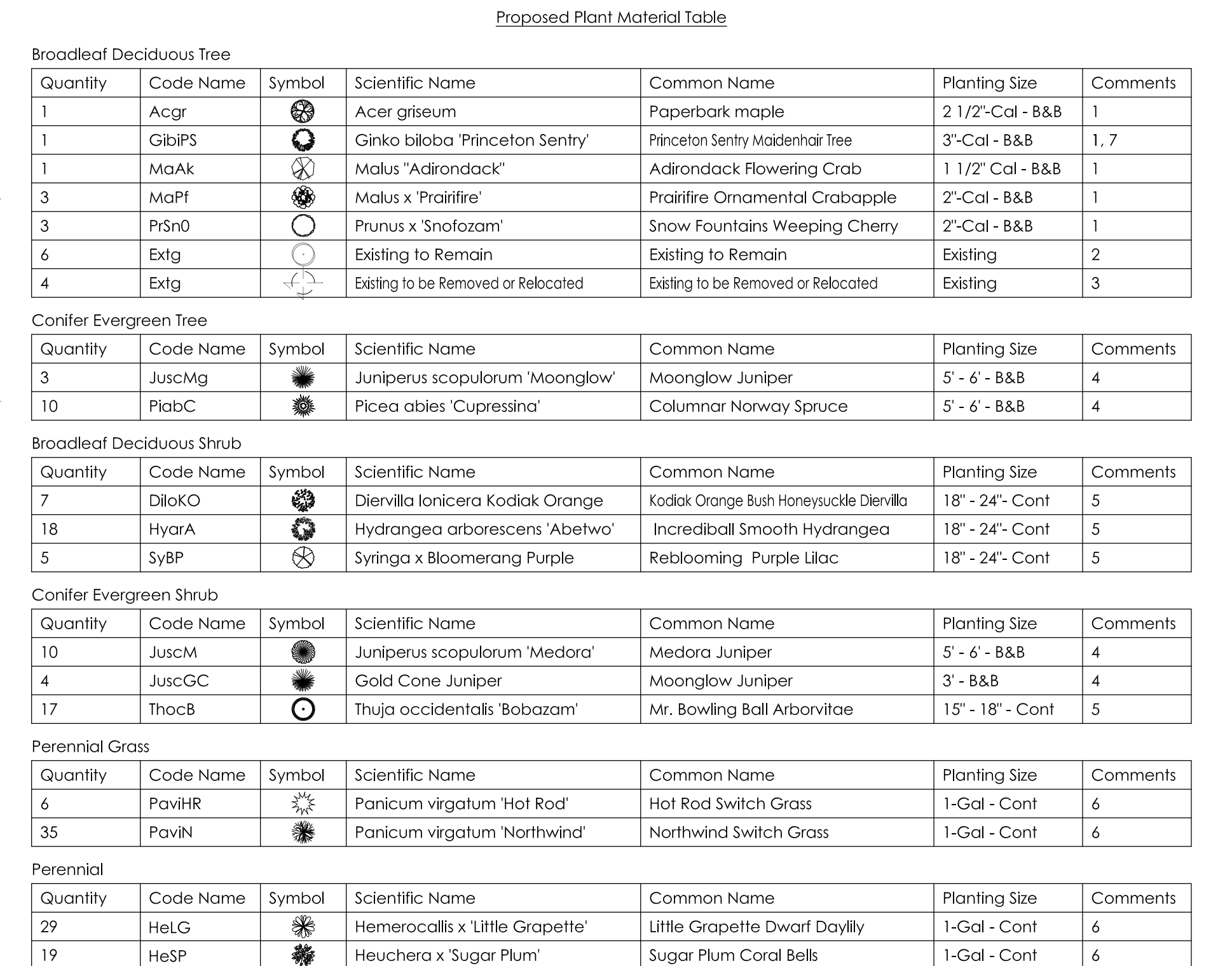
Job Number: L23-025

Sheet Number:

SD1.7

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY - DO NOT SCALE THESE DRAWINGS - These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

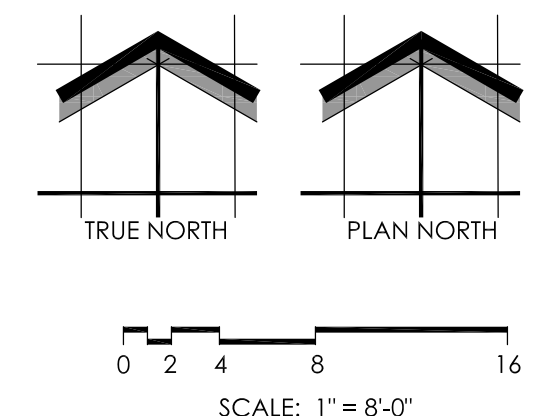
L23-025 - WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2026



- | Comments | |
|----------|---|
| 1. | Straight central leader, full & even crown. Prune only after planting. |
| 2. | Prune existing tree, remove any dead, diseased or hazardous limbs. Thin out to establish and raise canopy for safety and viability for both pedestrians and motorists. |
| 3. | Relocate or Remove tree in its entirety and grind stump to a minimum of 6" below adjacent grade. Remove grinding chips and fill hole with topsoil. Sow with specified turf grass seed as required. Coordinate with City Forester and Parks Department |
| 4. | Evenly shaped upright tree / shrub with full branching to the ground. |
| 5. | Full, well rooted plant, evenly shaped. |
| 6. | Full, well rooted plant. |
| 7. | Male Only |

TREE PROTECTION FOR EXISTING TREES LOCATED NEAR AND ADJACENT TO THE PROJECT SCOPE AND AREA OF DISTURBANCE SHALL BE COORDINATED WITH CITY STAFF. REFER TO DETAIL 4/LSP1.1 FOR FURTHER INFORMATION

REFER TO SHEET LGT1.1 FOR
INFORMATION REGARDING
LOCATIONS OF ALL PIPE SLEEVES. CG
TO COORDINATE INSTALLATION OF
ALL SLEEVES IN THE COMPACTED
AGGREGATE LAYER PRIOR TO ANY
HARDSCAPE INSTALLATION.

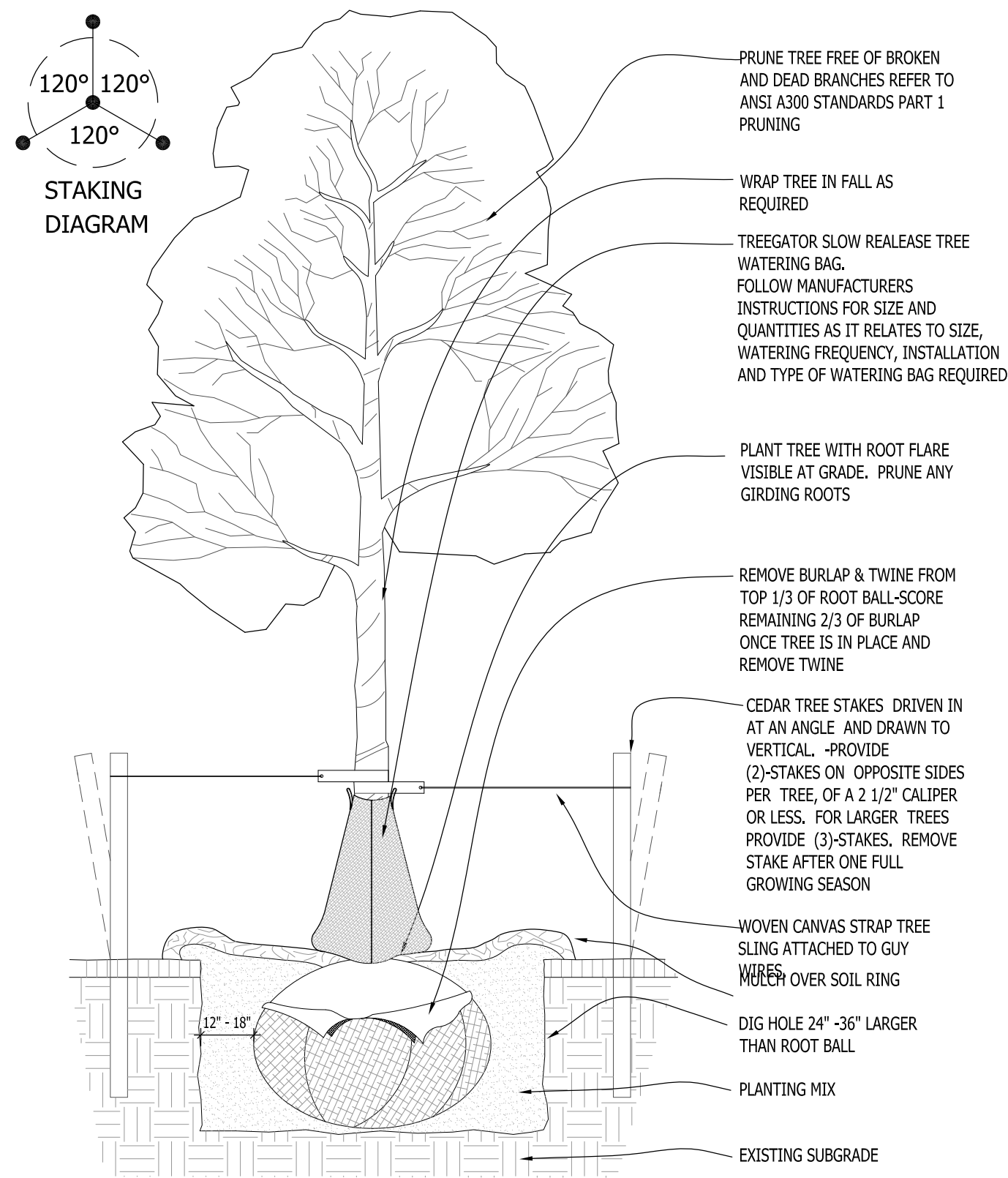


SHEET NUMBER: LSP1.1
04/26/2026
L23-025

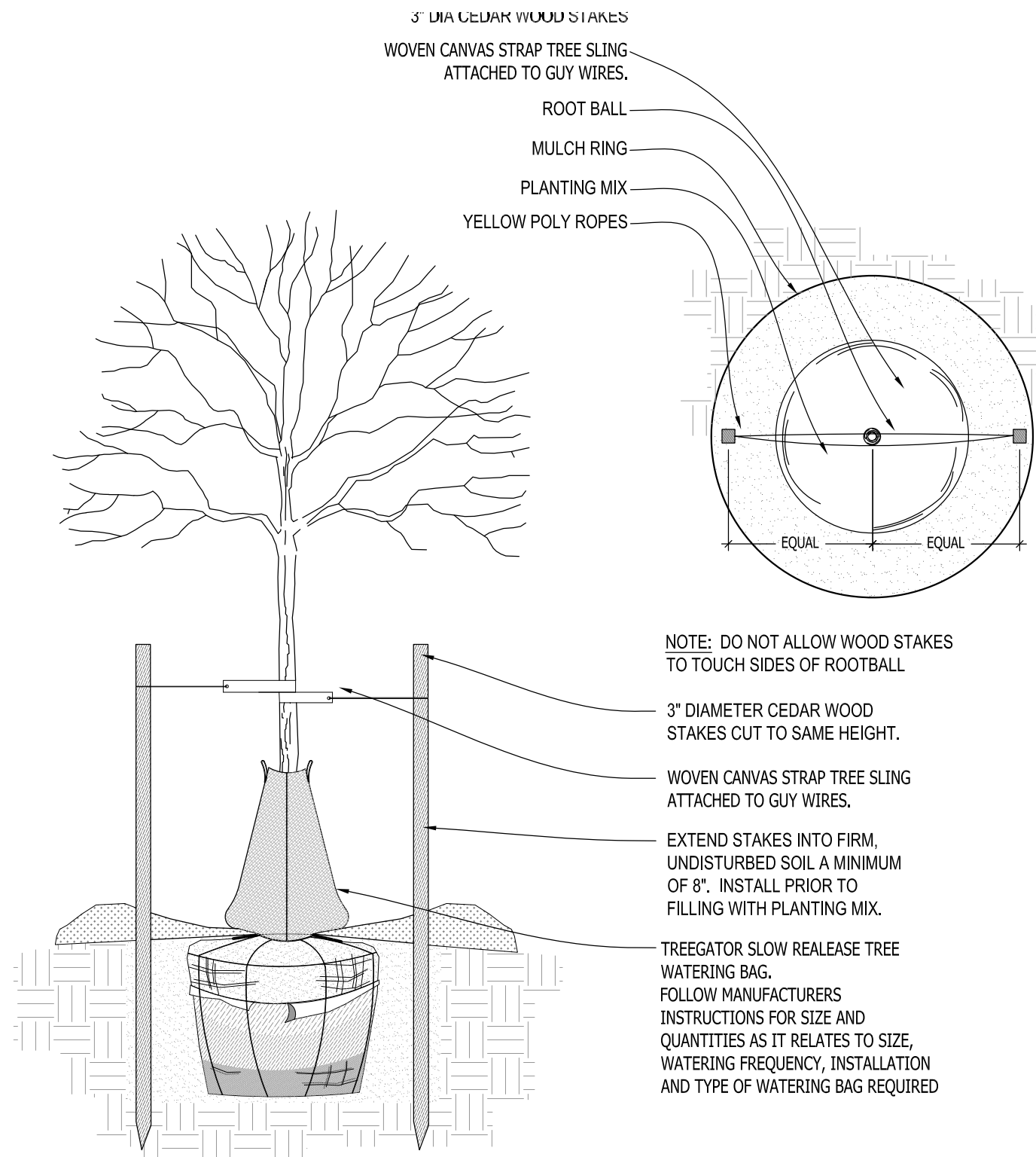
WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

Proposed Landscape Plan

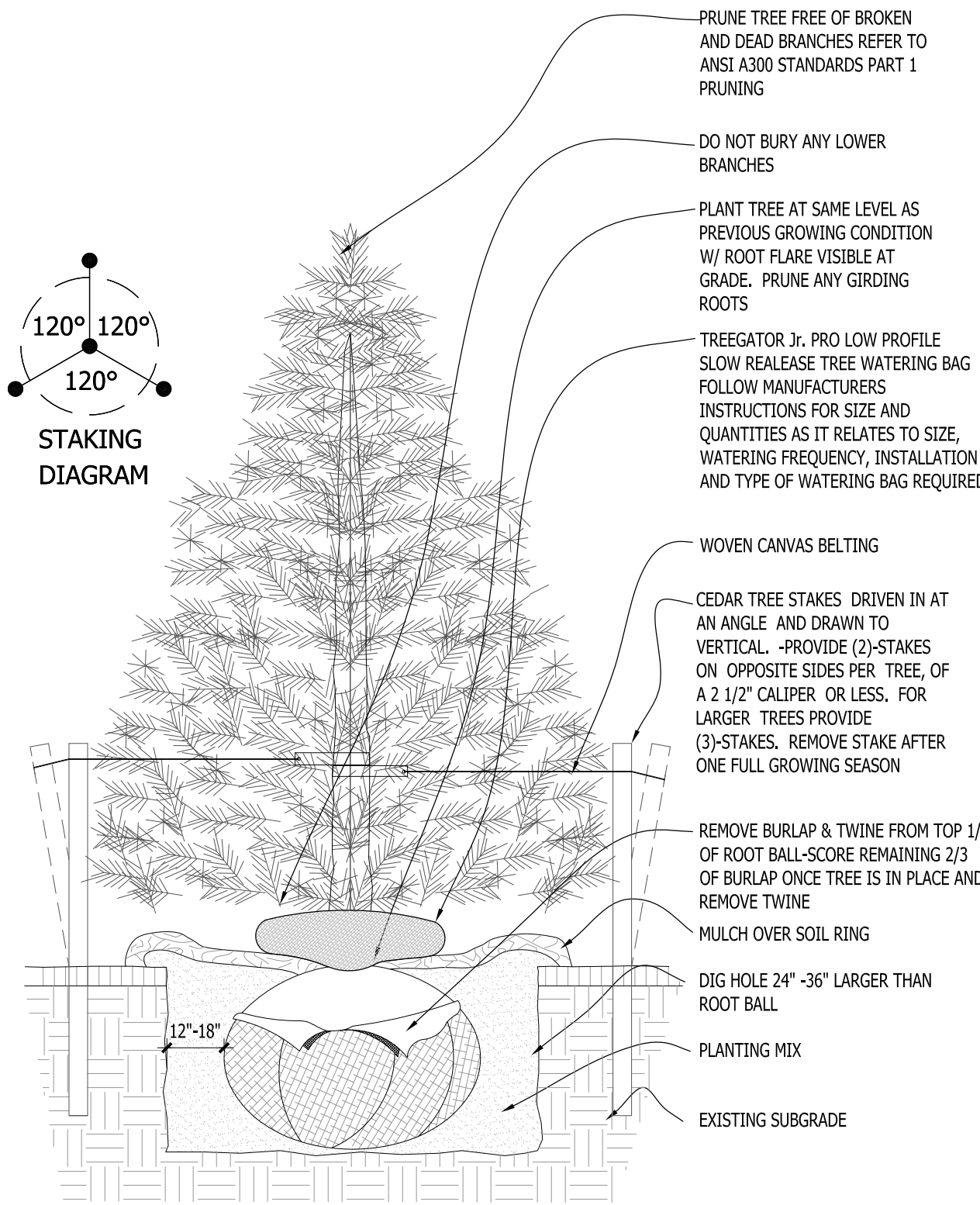
Schematic - Not for Construction



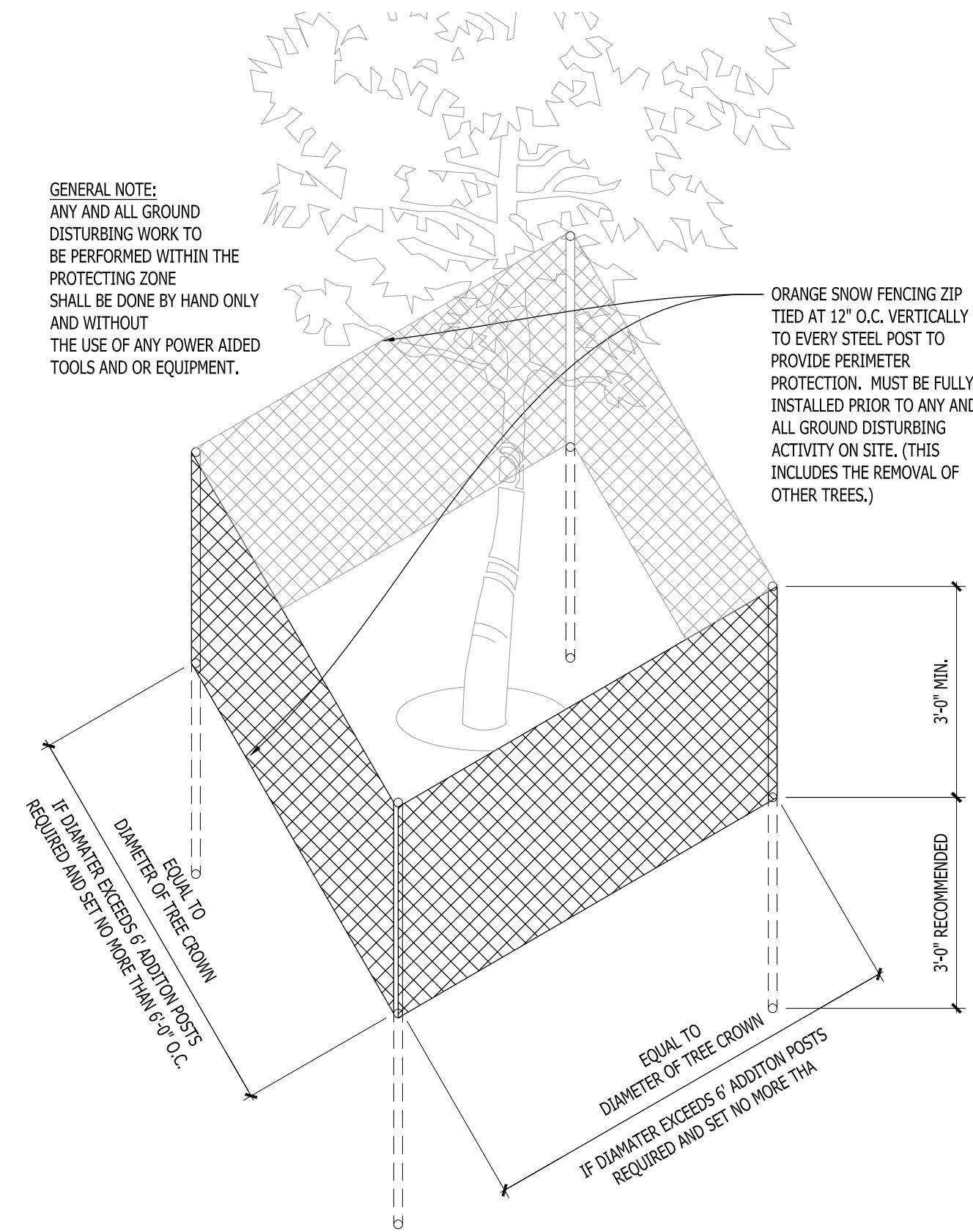
1 DECIDUOUS TREE PLANTING DETAIL SCALE: NONE



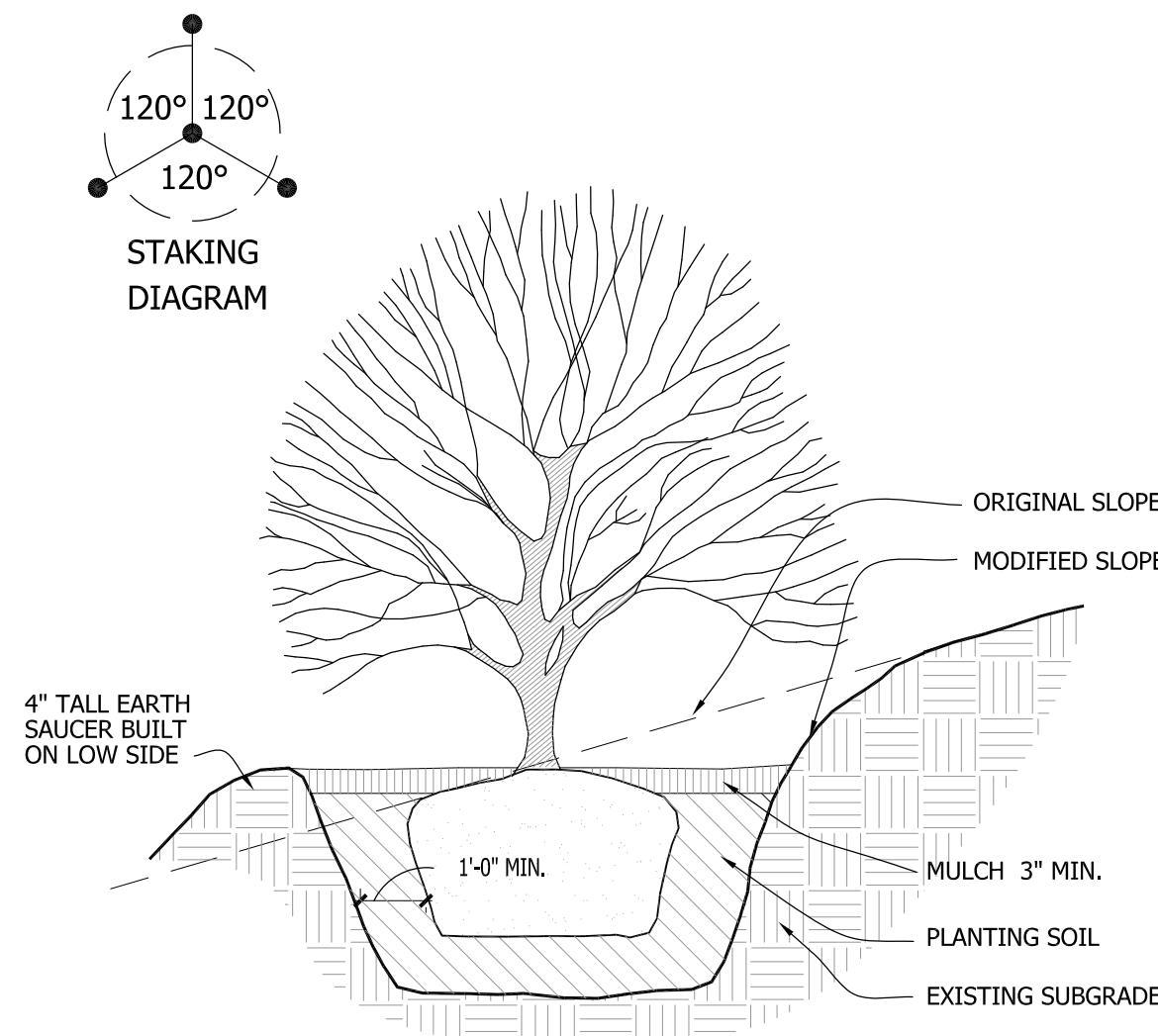
2 DECIDUOUS TREE STAKING PARKING ISLAND/RESTRICTED AREAS SCALE: NONE



3 CONIFEROUS TREE PLANTING DETAIL SCALE: NONE

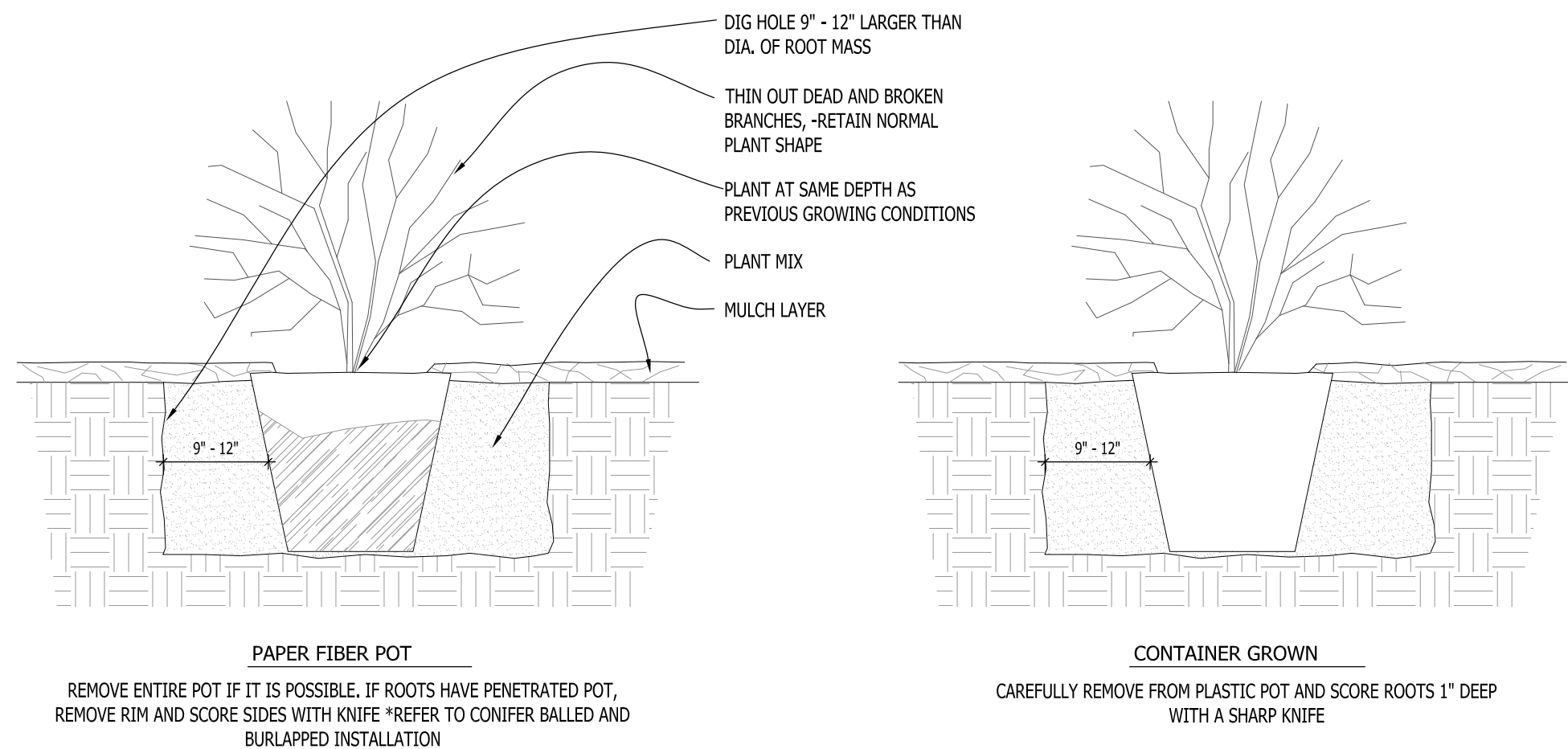


4 EXISTING TREE PROTECTION DETAIL SCALE: NONE

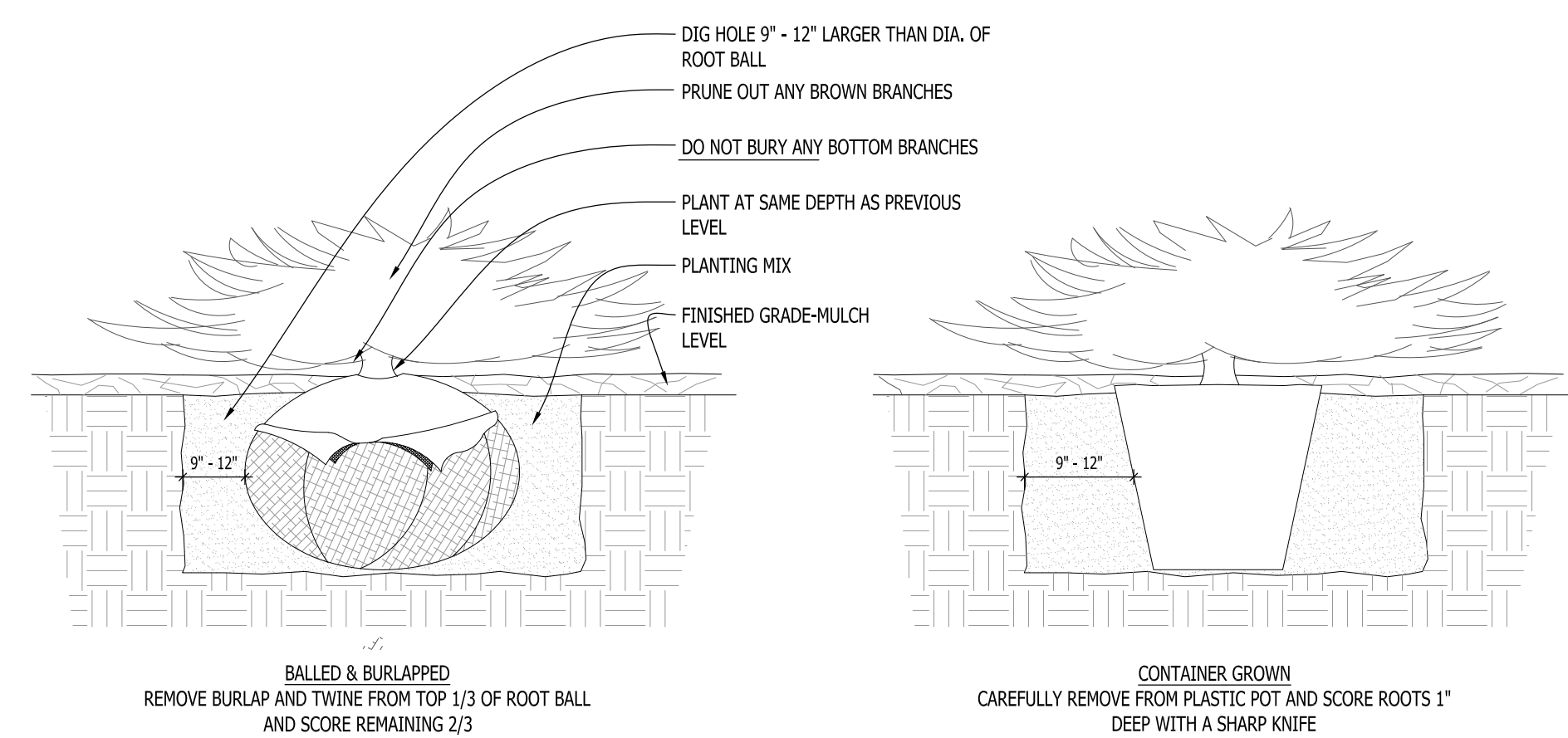


5 SLOPE PLANTING DETAIL SCALE: NONE

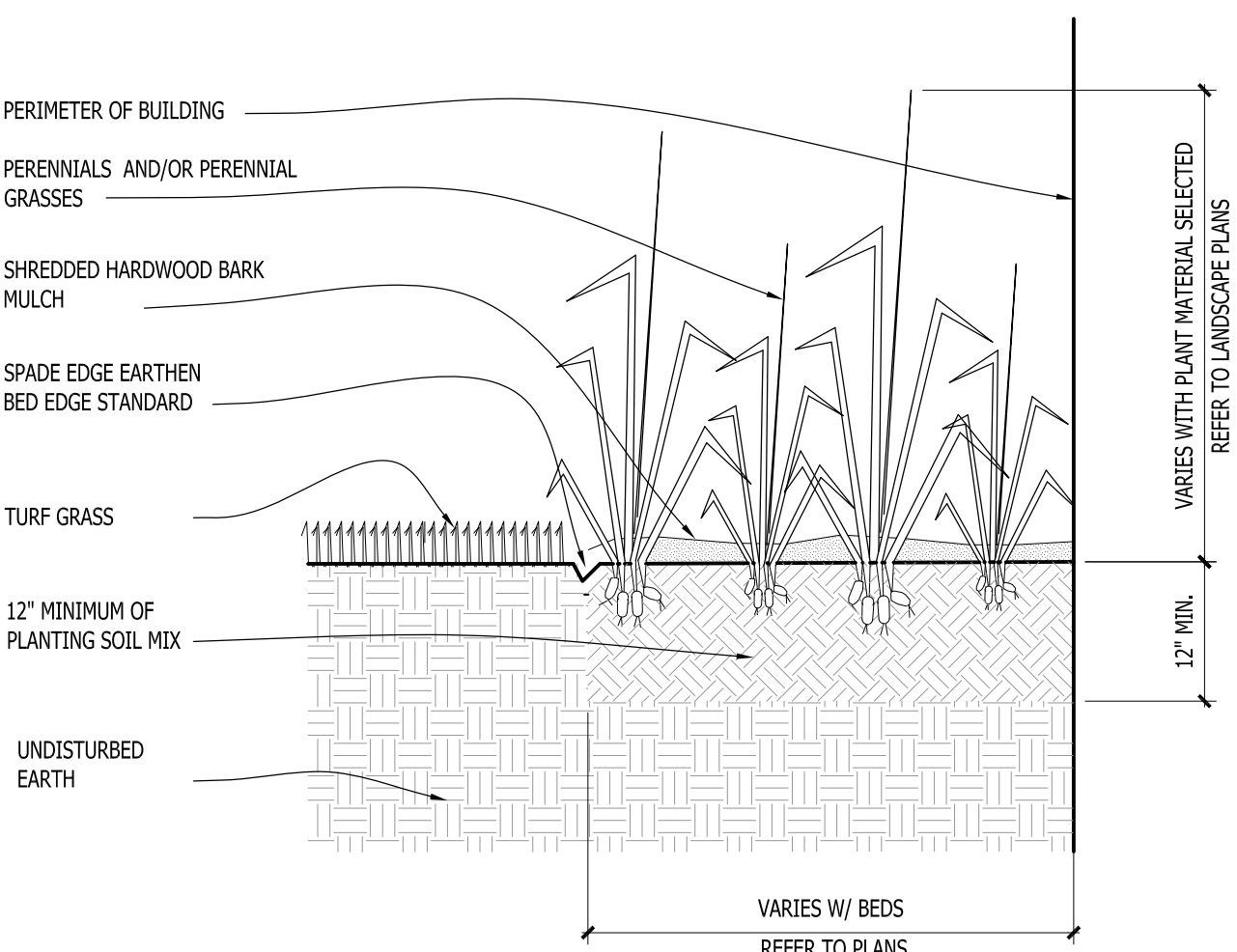
REFER TO TYPICAL DECIDUOUS TREE DETAIL FOR STAKING



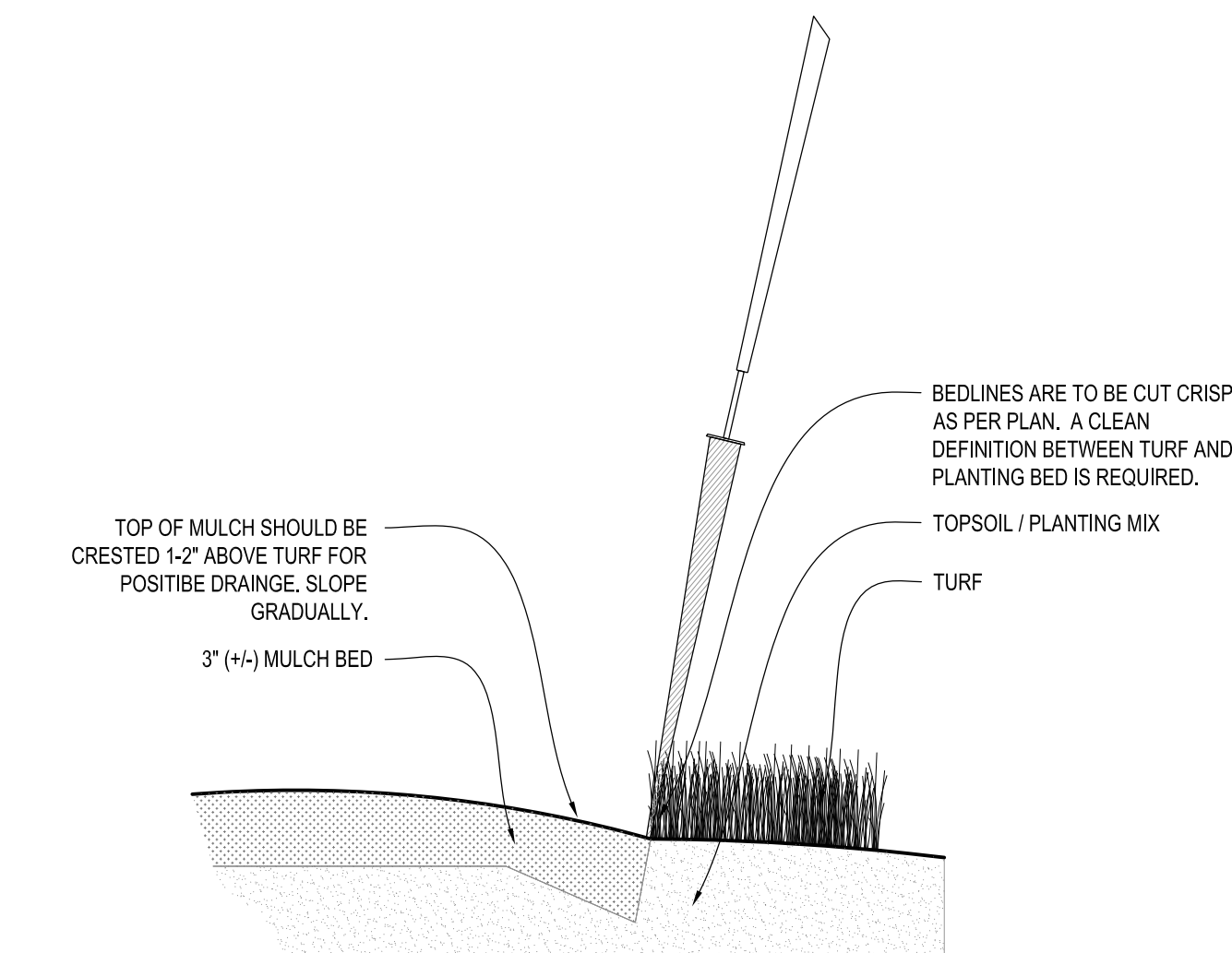
6 DECIDUOUS SHRUB PLANTING DETAIL SCALE: NONE



7 CONIFEROUS SHRUB PLANTING DETAIL SCALE: NONE



8 PERENNIAL BED PLANTING DETAIL SCALE: NONE



9 SPADE EDGE PLANT BED EDGE DETAIL SCALE: NONE

Project for:

**WAUWATOSA
VETERANS COMMITTEE**
Wauwatosa, WI

Project:

**WAUWATOSA
VETERANS MEMORIAL
PLAZA**
Harwood Ave & Milwaukee Ave
Wauwatosa, WI 53226

Issuance and Revisions:

Date	Number	Description
06/05/23		Client Review Submittal
06/29/23		Parks Dept Prelim Meeting
07/17/23		Parks Dept Meeting
08/28/23		Client Review Submittal
09/20/23		Phase I Construction Document Submittal
08/26/25		Design Review Board Submittal
09/09/25		Revisions based on Staff Review Comments / Design Review Board Re-Submittal
04/09/26		Design Review Board Re-Submittal

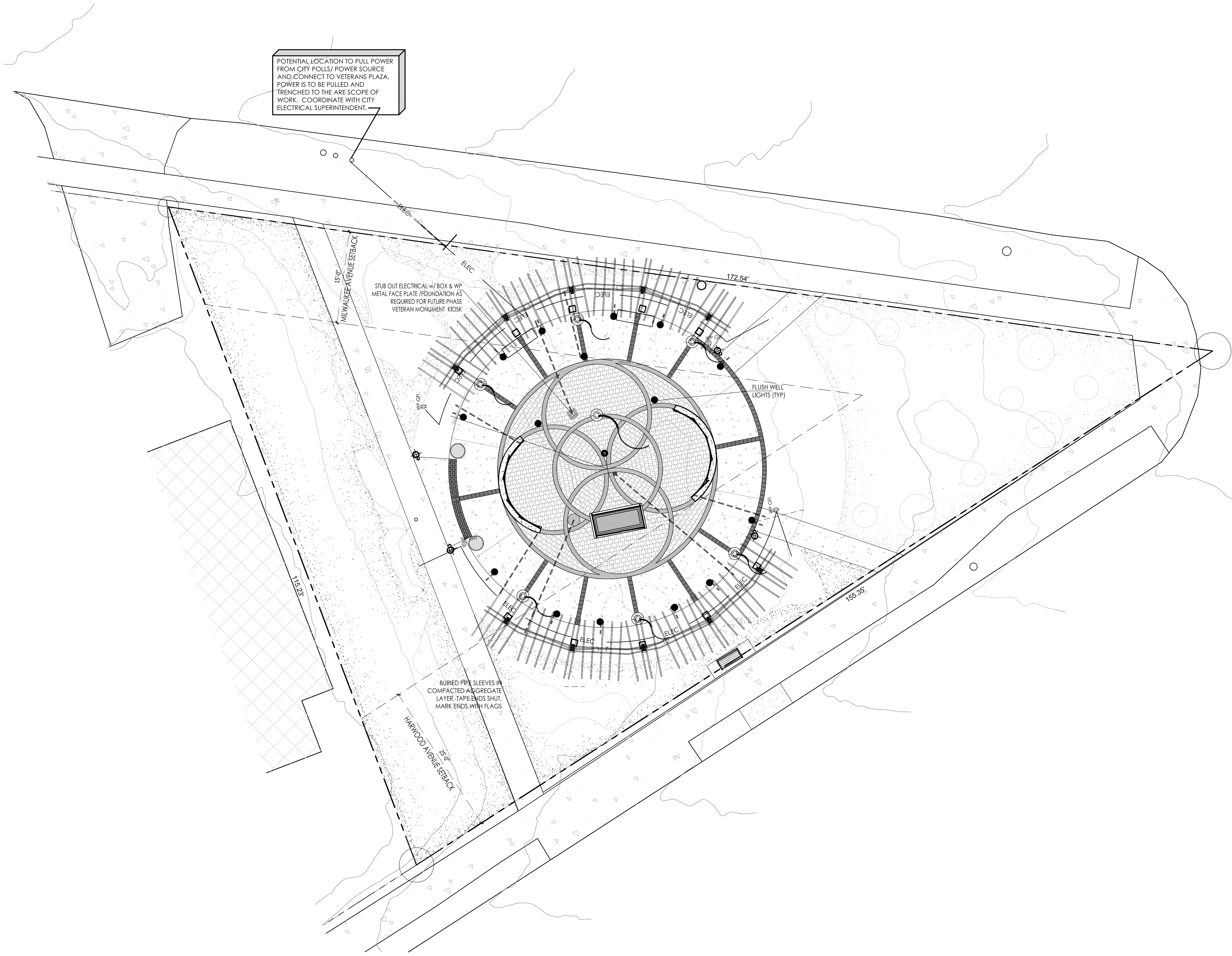
COPYRIGHT InSite Landscape Design Inc. 2020
ALL RIGHTS RESERVED
THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF InSite Landscape Design, Inc. THE CLIENT AGREES TO INDEMNIFY AND HOLD THE InSite Landscape Design Inc. HARMLESS FROM ANY DAMAGES, LIABILITY, OR COST, INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE ARISING FROM ANY CHANGES OR ALTERATIONS MADE BY ANYONE OTHER THAN THE InSite Landscape Design Inc. OR FROM ANY REUSE OF THE DRAWINGS OR DATA WITHOUT THE PRIOR WRITTEN CONSENT OF THE InSite Landscape Design Inc.

Sheet Title:

PROPOSED LANDSCAPE PLAN,
PLANTING DETAILS

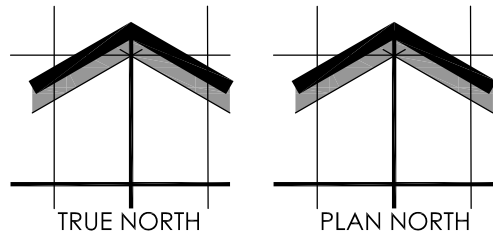
Date of Drawing: 04/26/26
Scale: As Noted
Drawn By: MCD
Job Number: L23-025
Sheet Number:

LSP1.2



LANDSCAPE LOW VOLTAGE LIGHTING SCHEDULE			
Quantity	Code Name	Symbol	Description
1	Transformer		FX-LUMINARE LUXOR ZDC 300 WITH COLOR WATT TRANSFORMER W/ STAINLESS STEEL FINISH. LUXOR WI-FI MODULE P/N FXWIFMOD. REFER TO CUT SHEETS FOR FURTHER INFORMATION AND INSTALLATION INSTRUCTIONS. LOCATIONS TO BE DETERMINED
10	NL NL-ZDC-UD-BZ		FX-LUMINARE NL ZDC DOWN (ONLY) LIGHT W/ LUXOR TECHNOLOGY & BRONZE METALLIC FINISH (S) PER PERGOLA. REFER TO CUT SHEETS FOR FURTHER INFORMATION & INSTALLATION INSTRUCTIONS.
16	XN-70 XN-ZD-H1-W-WF-RG-BZ		FX-LUMINARE XN-70 GRANDE IN GRADE UP LIGHT W/ LUXOR TECHNOLOGY H1 WIDE FLOOD LAMP & BRONZE METALLIC FINISH. REFER TO CUT SHEETS FOR FURTHER INFORMATION AND INSTALLATION INSTRUCTIONS.
10	NL NL-ZDC-UD-BZ		FX-LUMINARE NL ZDC DOWN (ONLY) LIGHT W/ LUXOR TECHNOLOGY & BRONZE METALLIC FINISH (S) PER PERGOLA. REFER TO CUT SHEETS FOR FURTHER INFORMATION & INSTALLATION INSTRUCTIONS.
16	SRP-20-RGBW		FX-LUMINARE SRP-20-RGBW STRIP LIGHT W/ LUXOR TECHNOLOGY, 20'-0" LONG, SRP-CHN CHANNEL MOUNT AND SRP-CC COLOR CONTROLLER. TRIM 2'-6" OFF OF END OF STRIP LIGHT SO THAT CHANNEL IS SHORT 3" AT EACH END OF INSIDE FACE OF SEAT WALL. VERIFY SIZE OF CHANNEL MOUNT PRIOR TO FORMING AND POURING SEAT WALL. REFER TO CUT SHEETS FOR FURTHER INFORMATION AND INSTALLATION INSTRUCTIONS.
	Pipe Sleeve and Cable		Approximate locations for pipe sleeve and cabling

- LOW VOLTAGE LIGHTING INSTALLER'S NOTES:
- AT LEAST SEVENTY-TWO HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL VERIFY UTILITY LOCATIONS AS GIVEN BY THE ELECTRIC, GAS, TELEPHONE, WATER, SEWER, AND CABLE TELEVISION COMPANIES, UTILITIES OR ENTITIES. REVIEW WITH OWNER'S REPRESENTATIVE SITE MECHANICAL, SITE ELECTRICAL AND LIGHTING, SITE GRADING AND DRAINAGE, SITE IRRIGATION AND ALL OTHER DRAWINGS PERTAINING TO UNDERGROUND UTILITY LOCATIONS. RECORD SET OF INFORMATION THE SAME AS IN POSSESSION OF OWNER'S REPRESENTATIVE. ALSO REVIEW OWNER'S "MARK SETS" OF ALL OF THESE DRAWINGS IN POSSESSION OF THE CONTRACTOR OR OWNER. MARK ALL SUCH UTILITIES ON THE SITE PRIOR TO COMMENCING. COORDINATE WITH OWNER BEFORE AND DURING CONSTRUCTION. REPAIR ANY DAMAGE TO ANY SYSTEM THAT IS CAUSED BY LIGHTING INSTALLER AT NO COST TO OWNER.
 - DEVIATIONS FROM THE APPROVED THE WAUWATOSA VETERANS MEMORIAL PLAZA PROJECT PLANS SHALL BE NOTED ON THE RECORD DRAWING BY THE LIGHTING INSTALLER /CONTRACTOR AND ONLY WITH PRIOR APPROVAL OF THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. VERBAL AGREEMENTS OR REVISIONS WITHOUT A CHANGE ORDER WILL NOT BE RECOGNIZED BY LANDSCAPE ARCHITECT AND OWNER.
 - GENERAL CONTRACTOR TO COORDINATE POWER SOURCE FOR OUTLETS, SECURITY CAMERAS AND KIOSKS WITH CITY STAFF AND SUBCONTRACTORS.
 - LOW VOLTAGE FIXTURES TO BE INSTALLED BY F/X LUMINARE FACTORY-TRAINED & CERTIFIED TECHNICIANS WHOM IS ABLE TO PROVIDE LUXOR ZD & ZDC SYSTEM PROGRAMMING AND IN-FIELD SUPPORT.
 - FIXTURES SHALL BE INDIVIDUALLY PROGRAMMABLE & DIMMABLE TO ACHIEVE MULTIPLE LUMEN OUTPUTS BASED ON LOCATION AND APPLICATION OF EACH FIXTURE. SEE "LIGHTING PROGRAM SCHEDULE".
 - LIGHTING CONTROLLER SHALL BE WI-FI COMPATIBLE TO ALLOW APP-BASED ON DEMAND SWITCHING & DIMMING OF INDIVIDUAL FIXTURES. AND LUXOR CLOUD TECHNOLOGIES
 - RECOMMENDED LIGHTING SUPPLIER: REINDERS INC. REINDERS IS AN AUTHORIZED FX LUMINAIRE MASTER DISTRIBUTOR AND IS FACTORY-TRAINED & CERTIFIED TO PROVIDE IN-FIELD SUPPORT FOR THE INSTALLATION AND PROGRAMMING OF LUXOR ZD & ZDC SYSTEMS. CONTACT: JOEL REINDERS, JPR@REINDERS.COM, 262-372-5780.
 - ALL FIXTURES ARE TO RECEIVE BETWEEN 10.0 AND 15 VOLTS.
 - INSTALLATION OF FIXTURES AND ASSOCIATED EQUIPMENT ARE TO CONFORM TO NEC AND UL 1838.
 - CONTRACTOR TO VERIFY EXISTING POWER LOCATIONS AND REQUIREMENTS.
 - PIPE SLEEVES ARE TO BE 2" WATER TIGHT SCHEDULE 40 PIPE AND SHOULD BE BURIED IN THE SOIL AT A 6" MINIMUM DEPTH (IN AREAS SUCH AS LAWNS AND FLOWER BEDS 10'-12" IS RECOMMENDED TO AVOID DAMAGE FROM TILLING OR AERATION AND EDGING.
 - METAL FENCE INSTALLER TO COORDINATE WITH LIGHTING INSTALLER REGARDING INSTALLATION LOGISTICS AND TIMING.
 - CONCRETE CONTRACTOR TO COORDINATE WITH LIGHTING INSTALLER REGARDING THE INSTALLATION OF PIPE SLEEVES, CABLE, ELECTRICAL BOXES AND LIGHT FIXTURES BEING PLACED IN CONCRETE FORMS. PIPE SLEEVES ARE TO BE PLACED IN GRANULAR BASE COURSE ENDS ARE TO BE TAPED SHUT AND MARKED WITH FLAGS.
 - ALL CABLE TO BE PROTECTED IN 1" SLEEVE, MINIMUM.
 - ALL FIXTURES THAT ARE SPECIFIED AS LED COLOR CHANGING SHALL USE RGBW TECHNOLOGY AND SHALL HAVE ADJUSTABILITY OF THE FOLLOWING ATTRIBUTE VALUES: HUE, SATURATION AND INTENSITY. COLOR PALETTES WILL BE DETERMINED UPON INSTALLATION AND/OR FINAL WALK THROUGH.
 - ALL LOW VOLTAGE LIGHTING CABLE CONNECTIONS TO BE DONE WITH A SILICONE-FILLED LOCKING KITCHLER 15529BLPRO CONNECTOR OR ACE BRASS SCREW-TIGHT LUG WITH SHRINK TUBE CONNECTOR
 - LOW VOLTAGE LIGHTING CABLE SHALL BE UL 1493) AND RATED FOR OUTDOOR USE (SUNLIGHT RESISTANT). LOW VOLTAGE LIGHTING CABLE GAUGE TO BE SIZED APPROPRIATELY BASED ON THE LOAD AND LENGTH OF THE LIGHTING RUN.
 - LANDSCAPE LIGHTING CONTRACTOR TO COORDINATE POWER REQUIREMENTS AND LOCATION OF EXTERIOR / WATER PROOF GFCI OUTLETS FOR PROPOSED NEW TRANSFORMER LOCATIONS WITH GENERAL CONTRACTOR AND LANDSCAPE ARCHITECT.
 - REVIEW AND FOLLOW MANUFACTURERS INSTALLATION INSTRUCTIONS FOR MOUNTING AND INSTALLING TRANSFORMERS
 - OWNER TO COORDINATE WITH LANDSCAPE ARCHITECT AND LIGHTING INSTALLER LIGHT SELECTION OF COLOR CAPABLE (ZDC) VERSUS NON COLORED (ZD) LIGHT FIXTURES.
 - FINAL THEME COLORS AND TIMES TO BE ADJUSTED WITH OWNER AFTER INSTALLATION.



0 2 4 8 16
SCALE: 1" = 8'-0"

SHEET NUMBER: LGT1. 1
04/26/2026
L23-025

WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

Proposed Wauwatosa Veteran Park Low Voltage Lighting Plan

Schematic - Not for Construction

FXLuminaire

XN-70 Grande In-Grade

DESIGNER PREMIUM



PROJECT

CATALOG #

TYPE

NOTES

The new Exa Collection offers high-output performance with low-voltage simplicity. With stainless steel construction plus IP68 and drive-over ratings, the modern Exa In-Grade provides light output up to 1,000 lumens. It also offers beam angle and color temperature options that are compatible with Luxor® Technology. The internal rotation and tilt adjustability with a fully recessed design results in a clean, easy installation.

Quick Facts

- Marine-grade stainless steel construction with two-layer anodization and a TGIC powder-coat finish
- Two correlated color temperature (CCT) options: 2,700K and 3,000K
- 20° tilt range with 360° rotation
- Input Voltage: 10 to 15 V
- Cree® integrated LED up to 1,000 lumens
- IP68 and drive-over rated
- Compatible with Luxor® Technology

LANDSCAPE AND ARCHITECTURAL LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

1 of 10Generated 28 Jun 2023 13:49:10

XN-70 Grande In-Grade

SPECIFICATIONS

Output	H1+	ZDC**
Total Lumens (lm)	1,020	1,011
Input Voltage	10 to 15 V	10 to 15 V
Input Power (W)	18.0	21.8
Power Consumption (VA)	25.0	29.0
Efficacy (lm/W)	58	47
Color Rendering Index (CRI)	96	—
Maximum Candela (cd)	—	—
Spot (20°)	3.042	—
Flood (40°)	1.278	1.549
Wide Flood (60°)	861	—
Luxor Compatibility	—	—
Default	Zoning	Zoning
ZD Option	Zoning/Dimming	Zoning/Dimming
ZDC Option	—	Zoning/Dimming/Color
Minimum Rated Life (L70)	72,000 hrs	55,000 hrs

*Measured using the 5,000K CCT option with a Flood (40°) beam angle. See -1x files for additional photometry data.
**Measured with all four color temperatures at 100%.

LANDSCAPE AND ARCHITECTURAL LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

2 of 10Generated 28 Jun 2023 13:49:10

FXLuminaire

NL Down & Up/Down Light

DESIGNER PREMIUM



PROJECT

CATALOG #

TYPE

NOTES

Wall-mounted, geometric square down light or up/down scone. In 3, 6, or 9 LED. Available in aluminum or brass construction. RGBW option available for use with Luxor® lighting control systems.

Quick Facts

- Down or up/down configurations
- Natural, powder coat, or antique brass/copper finishes
- Tamper-resistant
- Phase and PWM dimmable
- Die-cast aluminum or brass
- Lumileds® integrated LEDs
- Compatible with Luxor technology
- Input voltage: 10-15V

LANDSCAPE AND ARCHITECTURAL LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

1 of 9Generated 20 Apr 2025 12:05:46

NL Down & Up/Down Light

SPECIFICATIONS

	Power: 3LED	6LED	9LED	ZDC
Total Lumens (lm)*	330	375	640	665
Power Consumption (VA)	4.5	48.5	9.3	12.1
Efficacy (lm/W)	89	87	82	79
Correlated Color Temperature (CCT)	2700K	2700K	2700K	2700K
Color Rendering Index (CRI)	84+	—	84+	84+
Beam Angle	60°	60°	60°	60°
Maximum Candela (cd)	350	630	3,032	2,216
Input Voltage (V)	10 to 15V	10 to 15V	10 to 15V	10 to 15V
Dimming	Luxor Phase**	Luxor Phase**	Luxor Phase**	Luxor Phase**
Minimum Rated Life L70 (hrs)	72,000	50,000	72,000	55,000

	Power: 3LED	6LED	9LED	ZDC
Total Lumens (lm)*	555	1,100	1,775	1,889
Power Consumption (VA)	9.5	18.6	24.6	32.0
Efficacy (lm/W)	73	49	50	36
Correlated Color Temperature (CCT)	2700K	2700K	2700K	2700K
Color Rendering Index (CRI)	84+	84+	84+	84+
Beam Angle	60°	60°	60°	60°
Maximum Candela (cd)	975	2,025	2,276	358
Input Voltage (V)	10 to 15V	10 to 15V	10 to 15V	10 to 15V
Dimming	Luxor Phase**	Luxor Phase**	Luxor Phase**	Luxor
Minimum Rated Life L70 (hrs)	72,000	72,000	72,000	55,000

*Full luminaire data collected using 2700K and a 30° spot beam.
**For optimal performance, use a 0-10V dimmer, 0-10V dimmer.

LANDSCAPE AND ARCHITECTURAL LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

2 of 9Generated 20 Apr 2025 12:05:46

1 FX LUMINAIRE XN-70 GRANDE IN-GRADE LUMINAIRE

FXLuminaire

M-PK Path Light

DESIGNER PLUS



PROJECT

CATALOG #

TYPE

NOTES

Made with durable die-cast aluminum, the stylish M-PK path light adds elegance and sophistication to modern lighting installations.

Quick Facts

- Tamper-resistant features
- Die-cast aluminum
- Two-layer marine-grade anodization and powder coat finish
- Cree® integrated LEDs
- Compatible with Luxor® technology
- Phase and PWM dimmable
- Input voltage: 10-15 V

LANDSCAPE LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

3 of 10Generated 28 Jun 2023 13:49:10

M-PK Path Light

SPECIFICATIONS

Lamp	1 LED	3LED	ZDC
Total Lumens*	67	152	180
Input Voltage	10 to 15V	10 to 15V	10 to 15V
Input Power (W)	2.0	4.2	6.0
VA Total	2.4	4.5	7.2
Lumens per Watt (Efficacy)	34	36	35
CRI (Ra)	80+	80+	80+
Max Candela	60	143	74
Dimming	PWM, Phase	PWM, Phase	—
RGBW Available	No	No	Yes
Luxor Compatibility	—	—	—
Default	Zoning	Zoning	—
ZD Option	Zoning/Dimming	Zoning/Dimming	—
ZDC Option	—	—	Zoning/Dimming/Color
Minimum Rated Life (L70/B10)	55,000 hrs	55,000 hrs	55,000 hrs

*Measured using the 3,000K CCT and Multiplex for other CCTs include 0.80 (2,700K), 0.65 (4,500K) and 0.65 (5,000K).

LANDSCAPE LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

3 of 10Generated 28 Jun 2023 13:49:10

2 FX LUMINAIRE NL DOWN LIGHT

M-PK Path Light

PHOTOMETRICS

M-PK 1LED Isofootcandle Plot

M-PK 3LED Isofootcandle Plot

M-PK ZDC Isofootcandle Plot

LANDSCAPE LIGHTING

Learn more. Visit: [fxl.com](#) | +1 760.744.5240

3 of 10Generated 28 Jun 2023 13:49:10

3 FX LUMINAIRE M-PK PATH LIGHT

InSITE

LANDSCAPE DESIGN

Landscape Consulting & Master Planning Design Services

11525 W. North Avenue, Suite 1B
Wauwatosa, WI 53226
Tel (414) 476-1204
[www.insitedesigninc.com](#)
[mdavis@insitedesigninc.com](#)

Project for:

WAUWATOSA
VETERANS COMMITTEE
Wauwatosa, WI

Project:

WAUWATOSA
VETERANS MEMORIAL
PLAZA

Harwood Ave & Milwaukee Ave
Wauwatosa, WI 53226

Issuance and Revisions:

Date	Number	Description
06/05/23		Client Review Submittal
06/29/23		Parks Dept Prelim Meeting
07/17/23		Parks Dept Meeting
08/28/23		Client Review Submittal
09/20/23		Phase I Construction Document Submittal
08/26/25		Design Review Board Submittal
09/09/25		Revisions based on Staff Review Comments / Design Review Board Re-Submittal
04/09/26		Design Review Board Re-Submittal

COPYRIGHT InSite Landscape Design Inc. 2020
ALL RIGHTS RESERVED
THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF InSite Landscape Design, Inc. THE CLIENT AGREES TO INDEMNIFY AND HOLD THE InSite Landscape Design Inc. HARMLESS FROM ANY DAMAGES, LIABILITY, OR COST, INCLUDING ATTORNEY'S FEES AND COSTS OF DEFENSE ARISING FROM ANY CHANGES OR ALTERATIONS MADE BY ANYONE OTHER THAN THE InSite Landscape Design Inc., OR FROM ANY REUSE OF THE DRAWINGS OR DATA WITHOUT THE PRIOR WRITTEN CONSENT OF THE InSite Landscape Design Inc.

Sheet Title:

PROPOSED LIGHT FIXTURES

Date of Drawing: 04/26/26
Scale: NONE
Drawn By: MCD
Job Number: L23-025
Sheet Number:

LGT1-3

NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY- DO NOT SCALE THESE DRAWINGS- These progress documents reflect progress & intent & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related purposes.

L23-025 -WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2026

LUMINAIRE SCHEDULE									
Symbol	Label	Qty	Catalog Number	Description	Lamp	File	Lumens	LLF	Watts
	A	4	MPK-3LED-FW / aSPR6-3LED-WT	Lumiled, 3LED, 2700K	3LED	MPK-3LED-FW aSPR6-3LED-WT.IES	Absolute	1.00	3.91
	B	10	NL-6LED-DN-FW-wf / sQAD8-6LED-DN-WF-WT	Lumiled, 6LED, 2700K, Wide Flood (60Å°)	6LED	NL-6LED-DN-FW-wf sQAD8-6LED-DN-WF-WT.IES	Absolute	1.00	7.82
	C	16	XN75H1WSPRGSS	In Grade, 2700K, Spot, Stainless Steel	6LED	XN75H1WSPRGSS.IES	Absolute	1.00	17.81
	D	16	SRP-W-10	Strip Light, White, 2700K	LED strip light	SRP-W-10.IES	Absolute	1.00	2.12

STATISTICS						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Calc Zone #2	+	0.7 fc	5.8 fc	0.0 fc	N / A	N / A
EXISTING CONDITIONS GENERAL NOTES						

1. INFORMATION PERTAINING TO EXISTING CONDITIONS GIVEN ON THESE ARCHITECTURAL DRAWINGS REPRESENTS TO THE BEST OF OUR KNOWLEDGE THE ACTUAL EXISTING FIELD CONDITIONS. INSITE LANDSCAPE DESIGN, INC. MAKES NO WARRANTY AS TO THEIR ACCURACY. CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS IMPERATIVE TO THEIR NEW WORK. REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND FIELD CONDITIONS TO THE LANDSCAPE ARCHITECT FOR REVIEW. ANY WORK PERFORMED PRIOR TO RESOLUTION OF DISCREPANCIES BY THE LANDSCAPE ARCHITECT IS SUBJECT TO REMOVAL AND REPLACEMENT AT NO ADDITIONAL COST TO THE CONTRACT.
2. VERIFY LOCATION OF ALL EXISTING UNDERGROUND UTILITIES I.E. WATER, SEWER, ELECTRICAL, TELECOMMUNICATION AND ACCESS PANELS FOR ALL UTILITIES AND ALL ASSOCIATED EQUIPMENT FOR ACCESSIBILITY OF THOSE ITEMS.
3. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ALIGNMENT OF WALLS, BRING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECTS ATTENTION PRIOR TO FABRICATION / CONSTRUCTION BEGINS.

PHOTOMETRIC PLAN GENERAL NOTES

1. BASED ON THE INFORMATION PROVIDED, ALL DIMENSIONS AND LUMINAIRE LOCATIONS SHOWN REPRESENT RECOMMENDED POLE PLACEMENTS AND LUMINAIRE ORIENTATION. THE ENGINEER AND/OR ARCHITECT MUST DETERMINE APPLICABILITY OF THE LAYOUT TO RELEVANT FIELD CONDITIONS.
2. THE DEPICTED ILLUMINATION RESULTS ARE BASED UPON ILLUMINATION MEASUREMENTS AS CALCULATED BY AN INDEPENDENT LABORATORY. LUMINAIRE CHARACTERISTICAL DATA WAS MEASURED UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH APPROVED ILLUMINATION ENGINEERING SOCIETY METHODS. ACTUAL ON-SITE PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY FROM LABORATORY TEST RESULTS DUE TO VARIATIONS IN: ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS, AND OTHER VARIABLE FIELD CONDITIONS.
3. IF EXISTING LUMINAIRES ARE INCLUDED IN THIS REPORT, THEIR ILLUMINATION CHARACTERISTICS ARE BASED UPON A COMBINATION OF CUSTOMER'S PROVIDED SPECIFICATIONS & OUR BEST ESTIMATION.
4. ALL EXISTING AND NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL FORM MARKS REMOVED, GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIN COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.

LUMINAIRE GENERAL NOTES

1. ALL PROPOSED FIXTURE HEADS ARE TO BE DARK-SKY COMPLIANT AND HAVE HARDWARE WITH IEEMA FULL CUTOFF HOUSE SIDE SHIELDING WHERE REQUIRED.
2. ALL NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL DISPOSED FORM MARKS REMOVED. GROUND FLUSH AND THE SURFACE IS TO BE PROPERLY PREPARED TO RECEIVE A HAND TROWELED, MASONRY SKIN COAT OF APPROPRIATE THICKNESS TO ACHIEVE A DURABLE SURFACE AND LONG LASTING AESTHETIC.
3. INSTALLATION CONTRACTOR TO REFER TO ELECTRICAL PLANS FOR CONDUIT ROUTING OF LIGHT POLES AND SIGNAGE LIGHTING CONTROL AND WIRING.
4. CONTRACTOR TO REFER TO REINFORCED LIGHT POLE BASE SECTION AND DETAIL FOR FURTHER INFORMATION.
5. ALL EXTERIOR FIXTURES, BOTH BUILDING MOUNTED AND POLE FIXTURES SHALL BE DESIGNED AND INSTALLED SUCH THAT THE LIGHT EMITTED FROM THE LUMINAIRE AT AN ANGLE OF 90 DEGREES FROM VERTICAL (OR MORE) AND NO LIGHT SHALL TRESPASS ACROSS PARCEL BOUNDARIES INTO ADJACENT LOST BUILDINGS OR STREETS IN EXCESS OF 0.25 FOOT CANDLE OR GREATER.
6. FOR PURPOSES OF CALCULATING THE BUILDING MOUNTED LIGHTING AND PHOTOMETRIC OUTPUT LUMINAIRE WERE PLACED AT 0'-0", 3'-0" AND 12'-6" ABOVE FINISHED FLOOR ELEVATION AND ALL BUILDING MOUNTED FLOOD LIGHTS COORDINATED WITH THE ARCHITECTURAL ELEVATIONS AND PLACED AT HEIGHTS SPECIFIED ON THE BUILDING ELEVATIONS.
7. FOR PURPOSES OF CALCULATING THE SITE AREA POLE LIGHTING AND PHOTOMETRIC OUTPUT LUMINAIRE WERE PLACED AT 20'-6" ABOVE FINISHED FLOOR ELEVATION AND ALL BUILDING MOUNTED FLOOD LIGHTS COORDINATED WITH THE ARCHITECTURAL ELEVATIONS AND PLACED AT HEIGHTS SPECIFIED ON THE BUILDING ELEVATIONS.

THIS LIGHTING PLAN REPRESENTS ILLUMINATION LEVELS ARE CALCULATED VALUES INCLUDE DIRECT AND INTER-REFLECTED COMPONENT AND ILLUMINATION LEVELS. CALCULATED FROM LABORATORY DATA TAKEN UNDER CONTROLLED CONDITIONS IN ACCORDANCE WITH THE ILLUMINATING ENGINEERING SOCIETY (IES) APPROVED METHODS. ACTUAL PERFORMANCE OF ANY MANUFACTURER'S LUMINAIRES MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER MAY VARY DUE TO CHANGES IN ELECTRICAL VOLTAGE, TOLERANCE IN LAMPS/LED'S AND OTHER VARIABLE FIELD CONDITIONS. CALCULATIONS DO NOT INCLUDE OBSTRUCTIONS SUCH AS BUILDINGS CURBS, LANDSCAPING, OR ANY OTHER ARCHITECTURAL ELEMENTS UNLESS NOTED.

FOLLOW THE LIGHTING SCHEDULE FOR ALL LIGHT FIXTURES. NO SUBSTITUTIONS WILL BE ACCEPTED.

BASE BID MUST REFLECT THE SPECIFIED FIXTURES. SHOULD SUBSTITUTIONS BE PROVIDED TO THE OWNER/LIGHTING DESIGNERS FOR REVIEW AT THE OWNER'S REQUEST THE CONTRACTOR/DISTRIBUTOR SHALL BE RESPONSIBLE FOR PROVIDING A LIST OF SUBSTITUTIONS ALONG WITH THE FOLLOWING:

- CATALOG CUT SHEETS.
- PHOTOMETRIC REPORTS.
- A NEW POINT BY POINT PHOTOMETRIC CALCULATIONS PLAN OF THE AREAS AFFECTED BY THE SUBSTITUTION.
- INPUT PARAMETERS (MOUNTING HEIGHT, CALCULATION PLANE HEIGHT, REFLECTANCE, LIGHT LUMEN DEPRECIATION AND ETC.) SHALL BE THE SAME AS THOSE OF THE LIGHTING DESIGNER.
- CALCULATIONS SHALL BE SUBMITTED IN A SCALED PLOT FORMAT AND CLEARLY INDICATE THE DESIGN PARAMETERS USED FOR THE CALCULATIONS FOR PRODUCT SUBSTITUTION EVALUATION.

SHOULD THE ABOVE NOTES REQUIREMENTS NOT BE MET, INSITE LANDSCAPE DESIGN INC. WILL REVIEW ANY SUBSTITUTIONS AT THE FIRMS PREVAILING BILLING RATE ON A 17M BASIS BILLED TO THE CONTRACTOR/DISTRIBUTOR PROVIDING THE SUBSTITUTION. CONTRACTOR TO PROVIDE ALL NECESSARY COMPONENTS, POWER SUPPLIES AND ACCESSORIES FOR A COMPLETE OPERATING INSTALLATION PER APPLICABLE CODES AND MANUFACTURER'S SPECIFICATIONS.

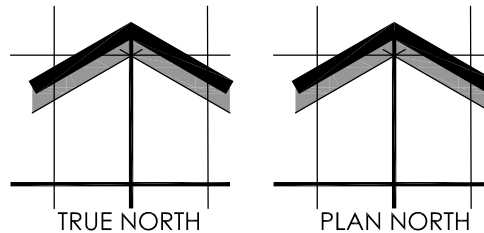
CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO THE OWNER/LIGHTING DESIGNER FOR APPROVAL PRIOR TO ORDER. CONTRACTOR SHALL REVIEW ALL THE LUMINAIRE CUT SHEETS INCLUDING THE DESCRIPTION, INSTALLATION AND CATALOG NUMBER. CONTRACTOR SHALL NOTIFY THE OWNER/DESIGNER OF ANY DISCREPANCIES.

VERIFY ALL FINISHES/COLORS OF FIXTURES AND ACCESSORIES WITH DESIGNER PRIOR TO ORDERING. ELECTRICAL CONTRACTOR TO PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE BUILDING/ENERGY CODES AND ALL OTHER CODES THAT HAVE AUTHORITY OVER THIS PROJECT.

CONTRACTOR FOR THE PROJECT SHALL BE RESPONSIBLE FOR OBTAINING ALL REQUIRED BUILDING/ELECTRICAL PERMITS.

LUMINAIRE FIXTURE NOTES

1. FIXTURE "A" (4) IS A NEW BOLLARD LOCATION. TO BE INSTALLED ON A NEW 0'-6" TALL REINFORCED POURED CONCRETE FOUNDATION.
2. REFER TO SECTIONS AND CODED NOTES FOR STRIP LIGHT INSTALLATION



SCALE: 1" = 8'-0"

SHEET NUMBER: PHO1.1
04/26/2026
L23-025

