



Project Sheet Legend:

- LG0.1 LEGEND SHEET
- AG0.2 ACCESSIBILITY SHEET
- SD1.1 PROPOSED SITE PLAN
- SD1.2 PROPOSED GRADING PLAN
- SD1.3 PROPOSED PLAZA CROSS-SECTION & DETAILS
- SD1.4 PROPOSED CEDAR PERGOLA SECTIONS & DETAILS
- SD1.5 PROPOSED HARDSCAPE MATERIALS
- SD1.6 PROPOSED HARDSCAPE MATERIALS
- SD1.7 PROPOSED HARDSCAPE MATERIALS
- LSP1.1 PROPOSED LANDSCAPE PLAN
- LSP1.2 PROPOSED LANDSCAPE DETAILS
- LGT1.1 PROPOSED LIGHTING PLAN
- LGT1.2 PROPOSED PROJECT LIGHT FIXTURES
- LGT1.3 PROPOSED PROJECT LIGHT FIXTURES



GENERAL SITE NOTES:

- ALL PAVING RADIUS 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 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 CONTRACTOR.
- 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.

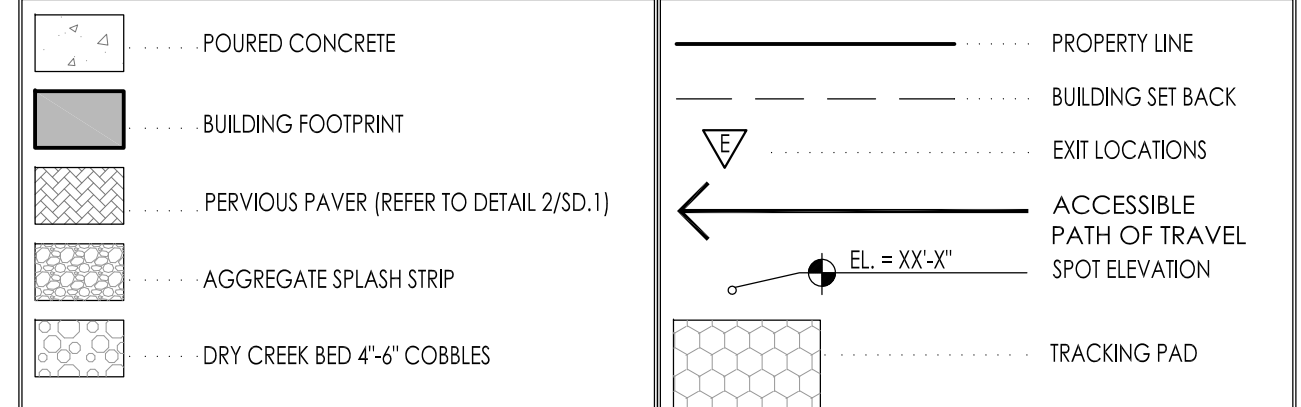
SITE GRADING PLAN GENERAL NOTES

- 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 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 GRASSED 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 AREAS 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 SLICE TO THE NEXT POST.
- SEDIMENT CONTROL FILTER FABRIC DESIGNED TO IMPEDE SILT RUN-OFF AND PREVENT TOP SOIL EROSION TO CONSIST OF NYLON POLYESTER, POLYPROPYLENE OR ETHYLENE YAM. MUST MEET WSDOT 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 - SSD1.2

SITE LEGEND



**DIGGERS HOT LINE**

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 (242) 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 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 Z66.1 2014 AND ANSI STANDARDS FOR PLANTING 2012.
- ALL DEVIATIONS FROM THE APPROVED WAUWATOSA VETERANS MEMORIAL PLAZA PROJECT PLANTS 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 USING 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 CHALK BARK MULCH SHOWING FIRST YEAR 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 TRANSPANTING OR THIRVING SHALL IMMEDIATELY BE REPLACED. NEW LAWS SHALL BE WATERED AND REPAIRED AND WEEDS MUST CONSISTANTLY 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 ARBORVITAE) 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 BEYOND 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.
- LANDSCAPE / SITE DEMOLITION CONTRACTOR TO VERIFY LOCATIONS OF EXISTING TREES AND SHRUBS TO BE

**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 PLAZA PLAN SET  
GENERAL NOTES AND  
SITE INFORMATION.

Date of Drawing: 04/26/26

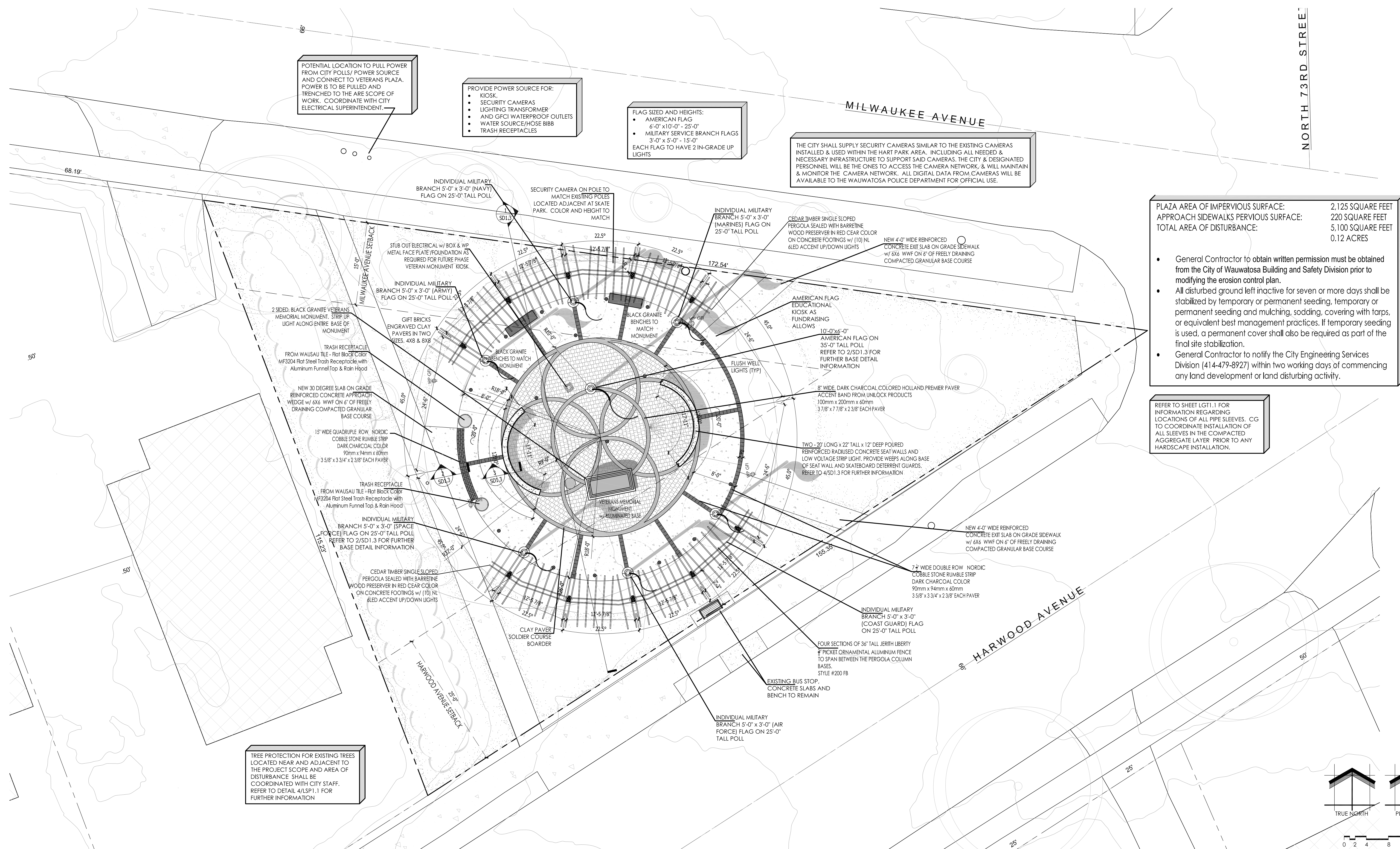
Scale: 1" = 20'-0"

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.



POTENTIAL LOCATION TO PULL POWER FROM CITY POLLS/ POWER SOURCE AND CONNECT TO VETERANS PLAZA. POWER IS TO BE PULLED AND TRENCHED TO THE ARE SCOPE OF WORK. COORDINATE WITH CITY ELECTRICAL SUPERINTENDENT.

PROVIDE POWER SOURCE FOR:  
 • KIOSK  
 • SECURITY CAMERAS  
 • LIGHTING TRANSFORMER  
 • AND GFCI WATERPROOF OUTLETS  
 • WATER SOURCE/HOSE BIBB  
 • TRASH RECEPTACLES

FLAG SIZED AND HEIGHTS:  
 • AMERICAN FLAG  
 6'-0" x 10'-0" - 25'-0"  
 • MILITARY SERVICE BRANCH FLAGS  
 3'-0" x 5'-0" - 15'-0"  
 EACH FLAG TO HAVE 2 IN-GRADE UP LIGHTS

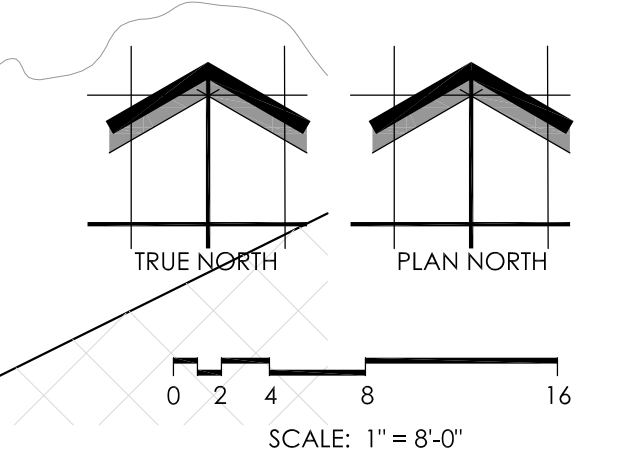
THE CITY SHALL SUPPLY SECURITY CAMERAS SIMILAR TO THE EXISTING CAMERAS INSTALLED & USED WITHIN THE HART PARK AREA. INCLUDING ALL NEEDED & NECESSARY INFRASTRUCTURE TO SUPPORT SAID CAMERAS. THE CITY & DESIGNATED PERSONNEL WILL BE THE ONES TO ACCESS THE CAMERA NETWORK, & WILL MAINTAIN & MONITOR THE CAMERA NETWORK. ALL DIGITAL DATA FROM CAMERAS WILL BE AVAILABLE TO THE WAUWATOSA POLICE DEPARTMENT FOR OFFICIAL USE.

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 LG11.1 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.

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/LSP.1 FOR FURTHER INFORMATION



SHEET NUMBER: SD1.1  
 04/26/2026  
 L23-025

# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Wauwatosa Veteran Park Site Plan

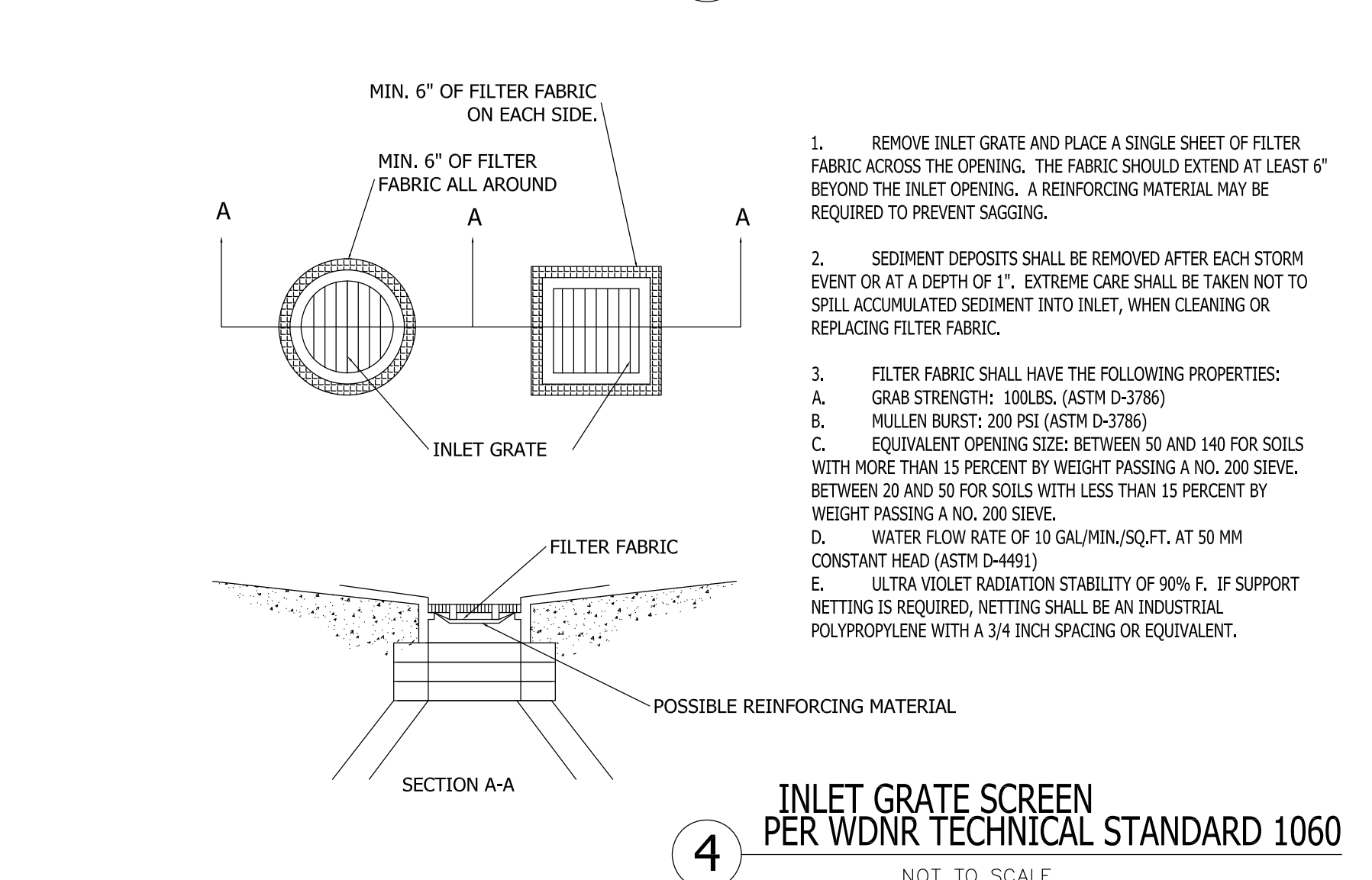
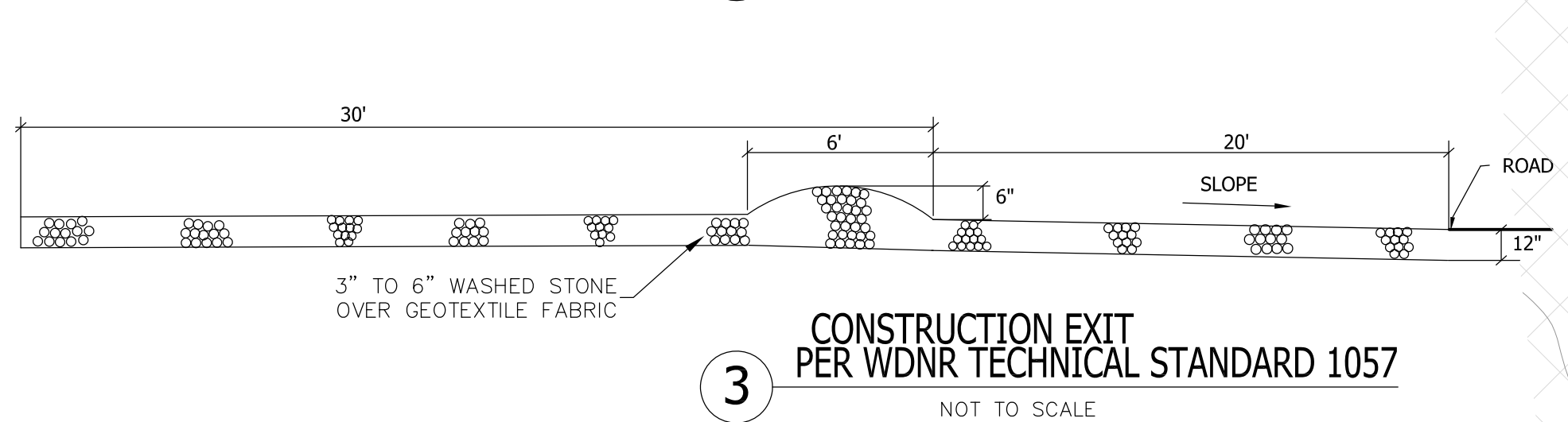
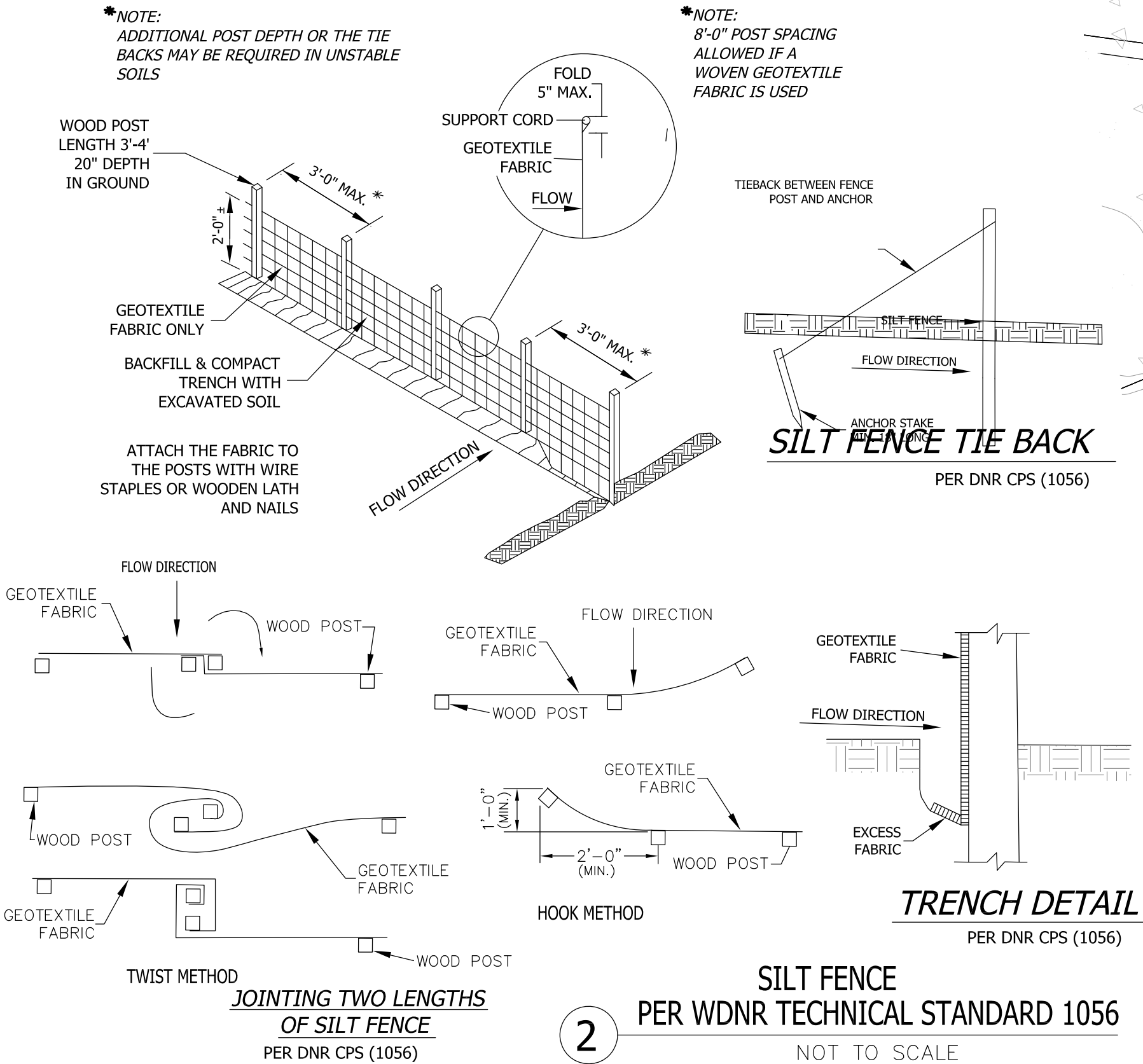
*Schematic - Not for Construction*

**EROSION CONTROL KEY**

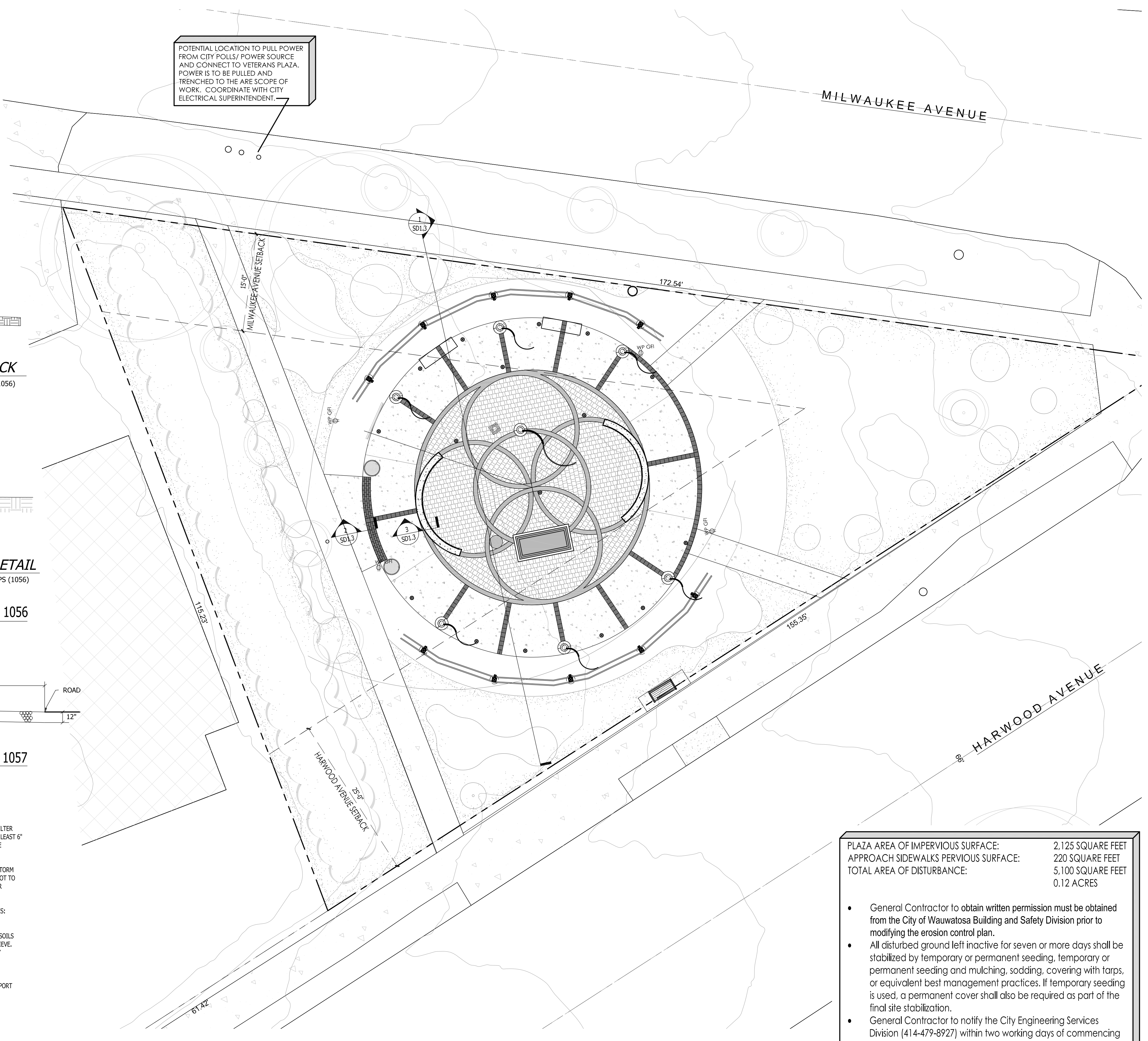
- ① STAKED HAY BALES (TEMP)
- ② SILT FENCE
- ③ CONSTRUCTION EXIT

**MAINTENANCE PLAN**

1. ALL 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.



POTENTIAL LOCATION TO PULL POWER FROM CITY POLLS/ POWER SOURCE AND CONNECT TO VETERANS PLAZA. POWER IS TO BE PULLED AND TRENCHED TO THE ARE SCOPE OF WORK. COORDINATE WITH CITY ELECTRICAL SUPERINTENDENT.



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.



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.

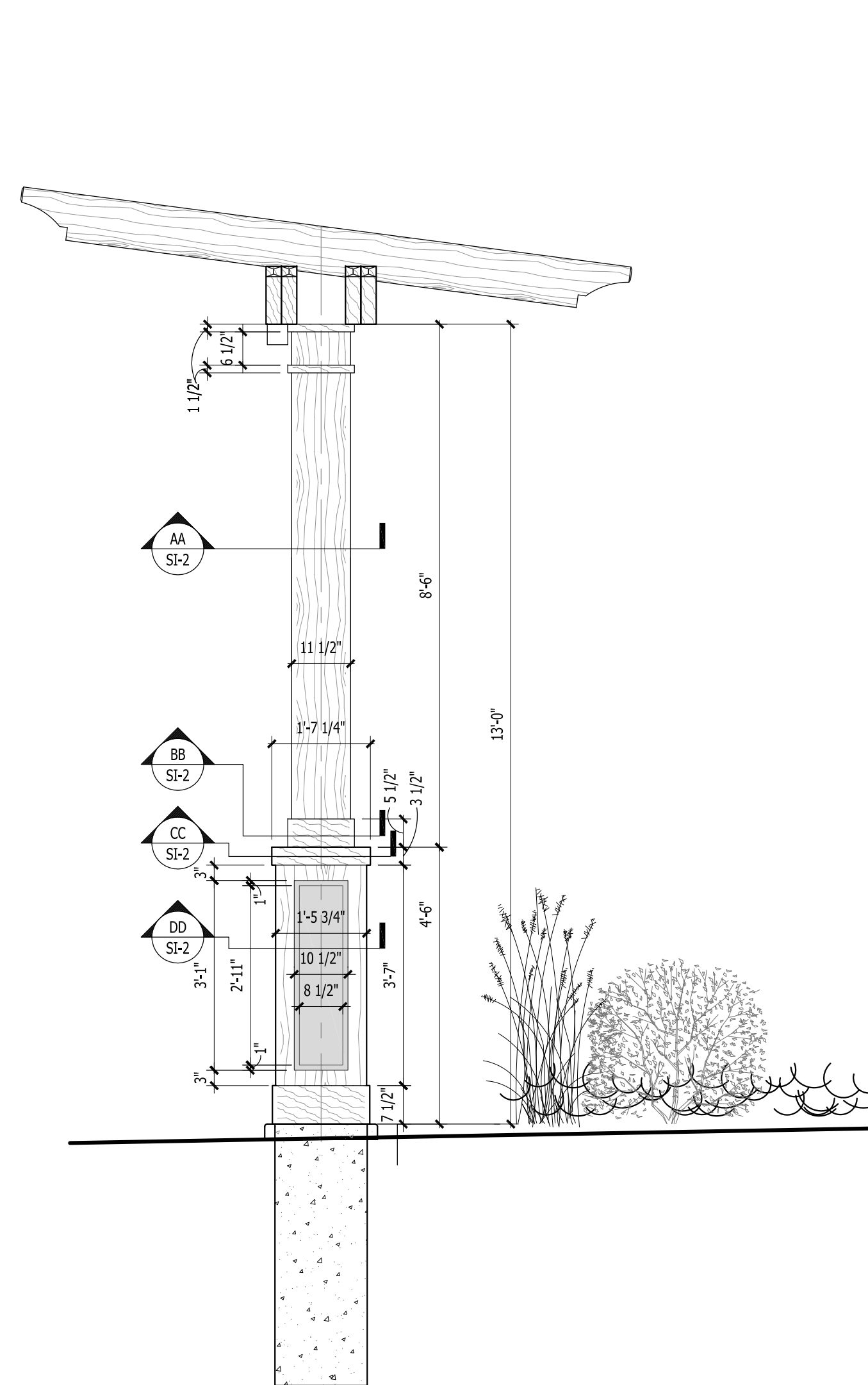
Sheet Title:  
PROPOSED GRADING PLAN,  
EROSION CONTROL INFORMATION

Date of Drawing: 04/26/26  
Scale: 1" = 10'-0"  
Drawn By: MCD  
Job Number: L23-025  
Sheet Number:

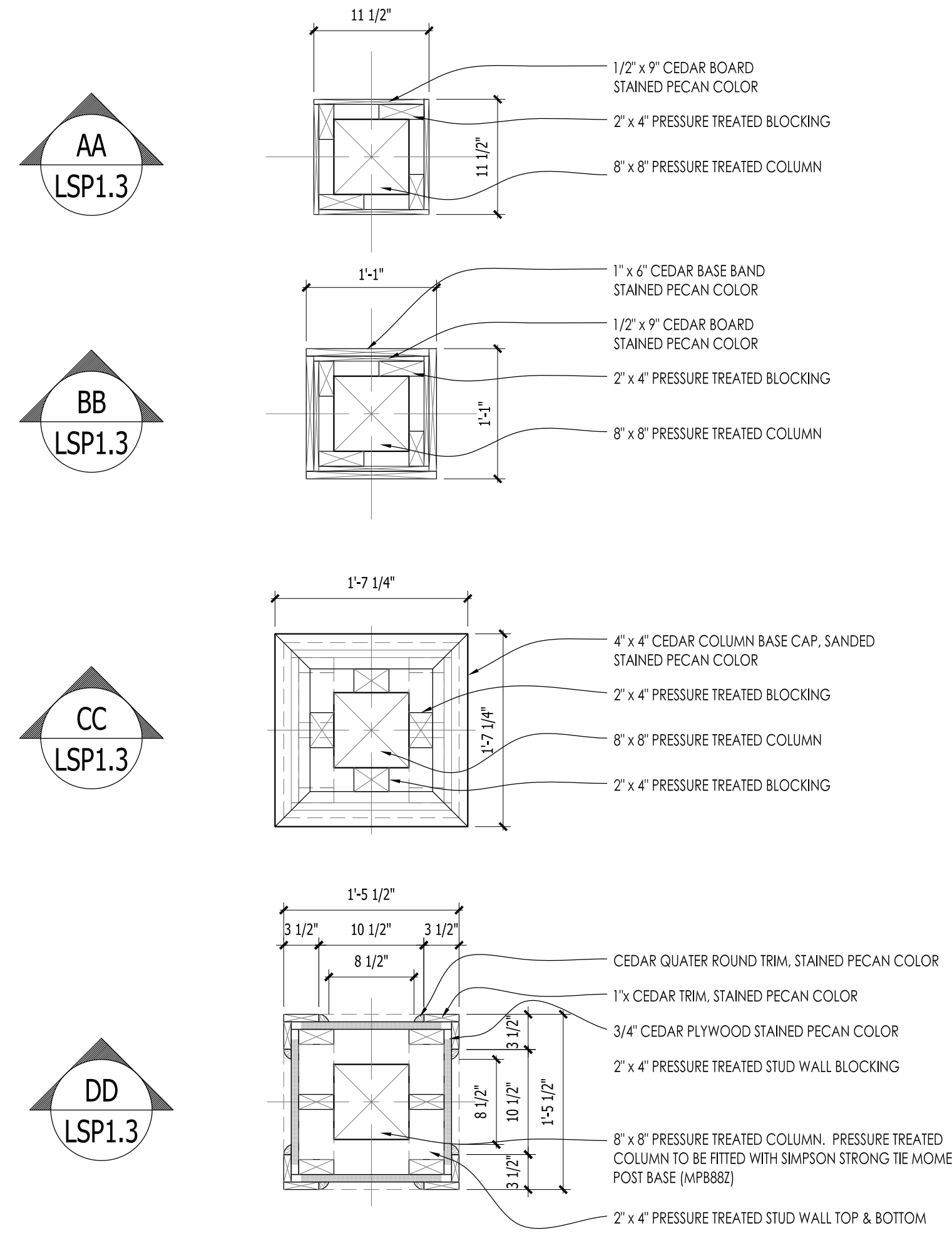
**SD1.2**

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 - WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2025

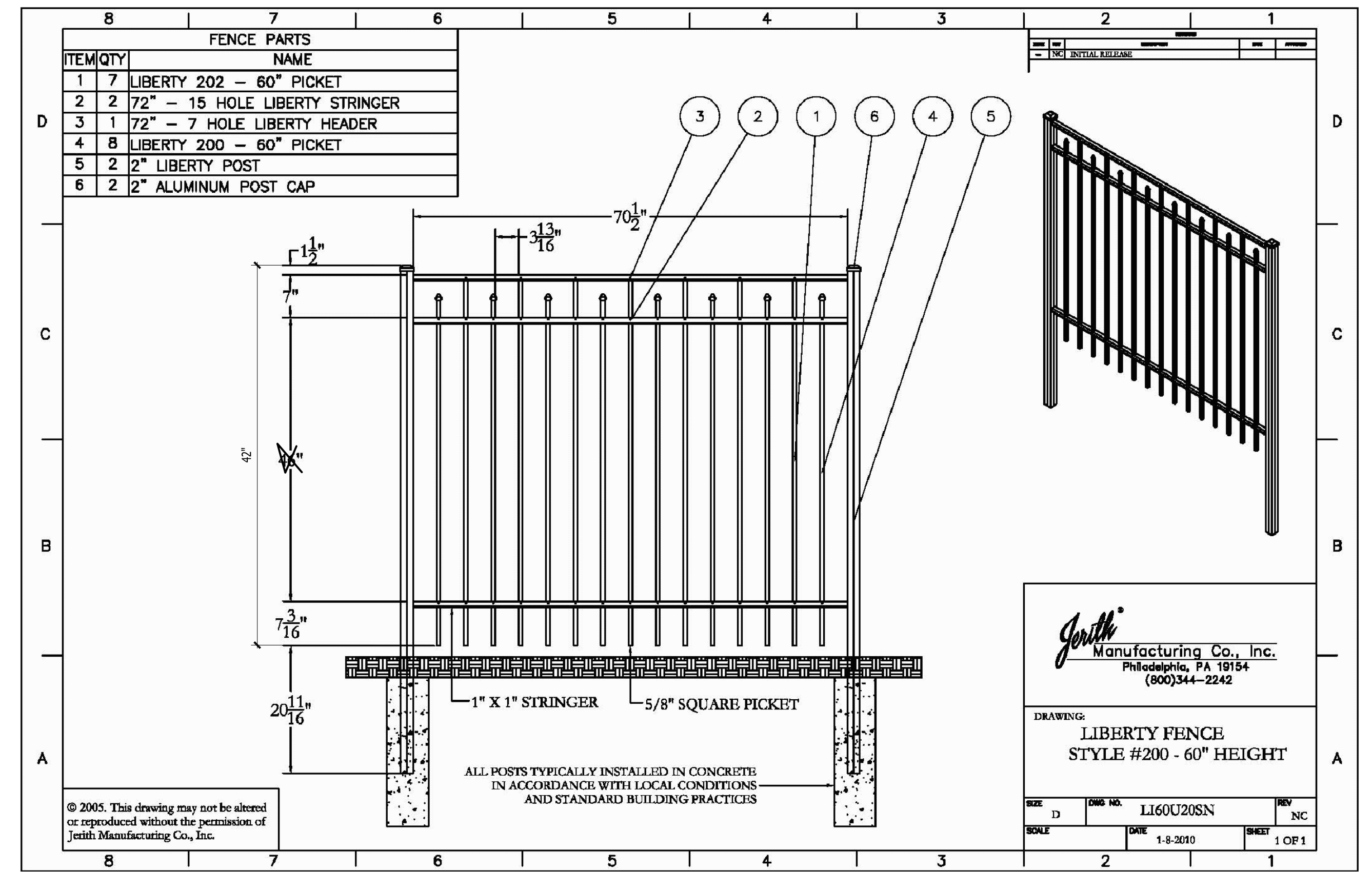




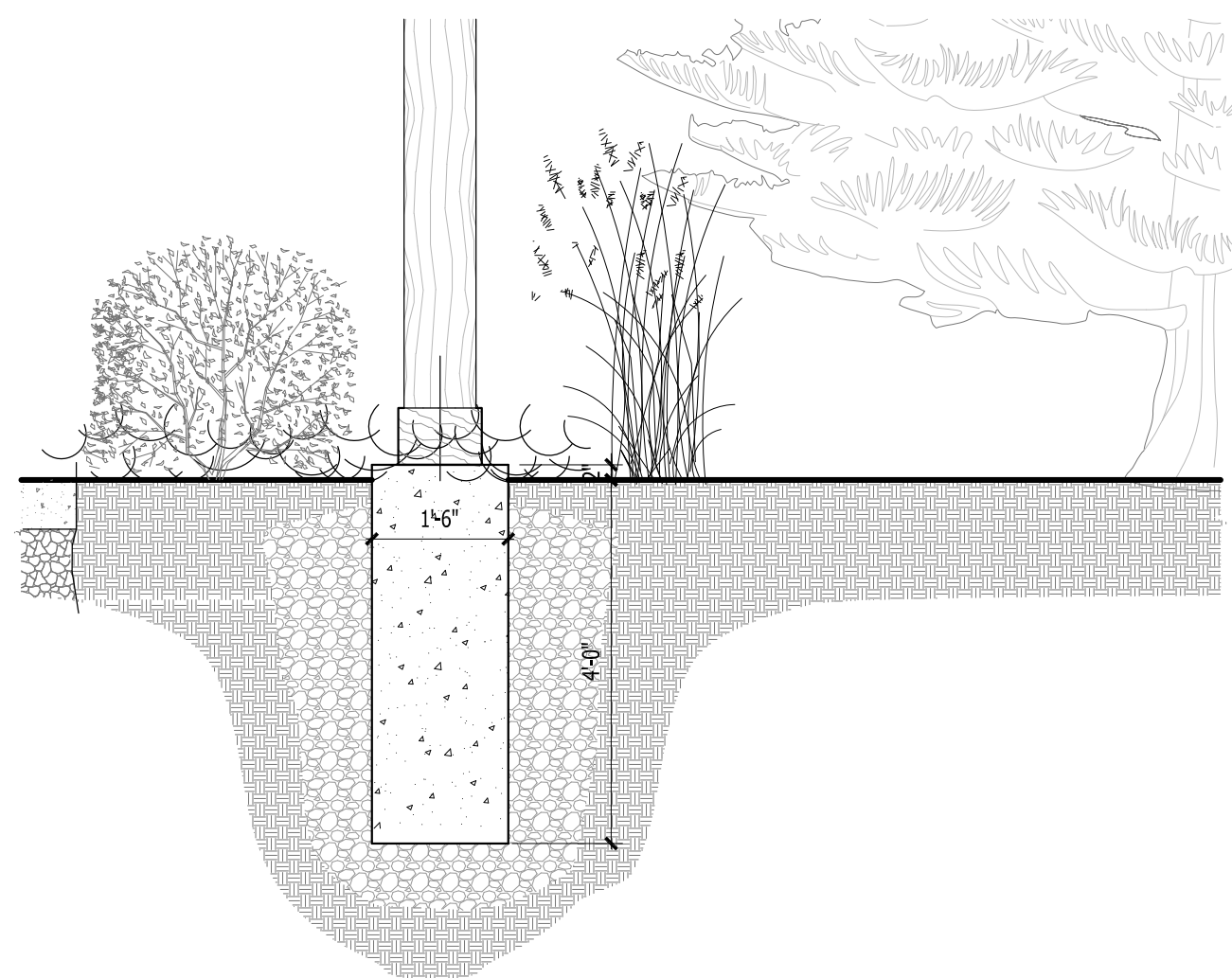
1 PROPOSED SINGLE SLOPED PLAZA PERGOLA SECTION  
SCALE: 3/8" = 1'-0"



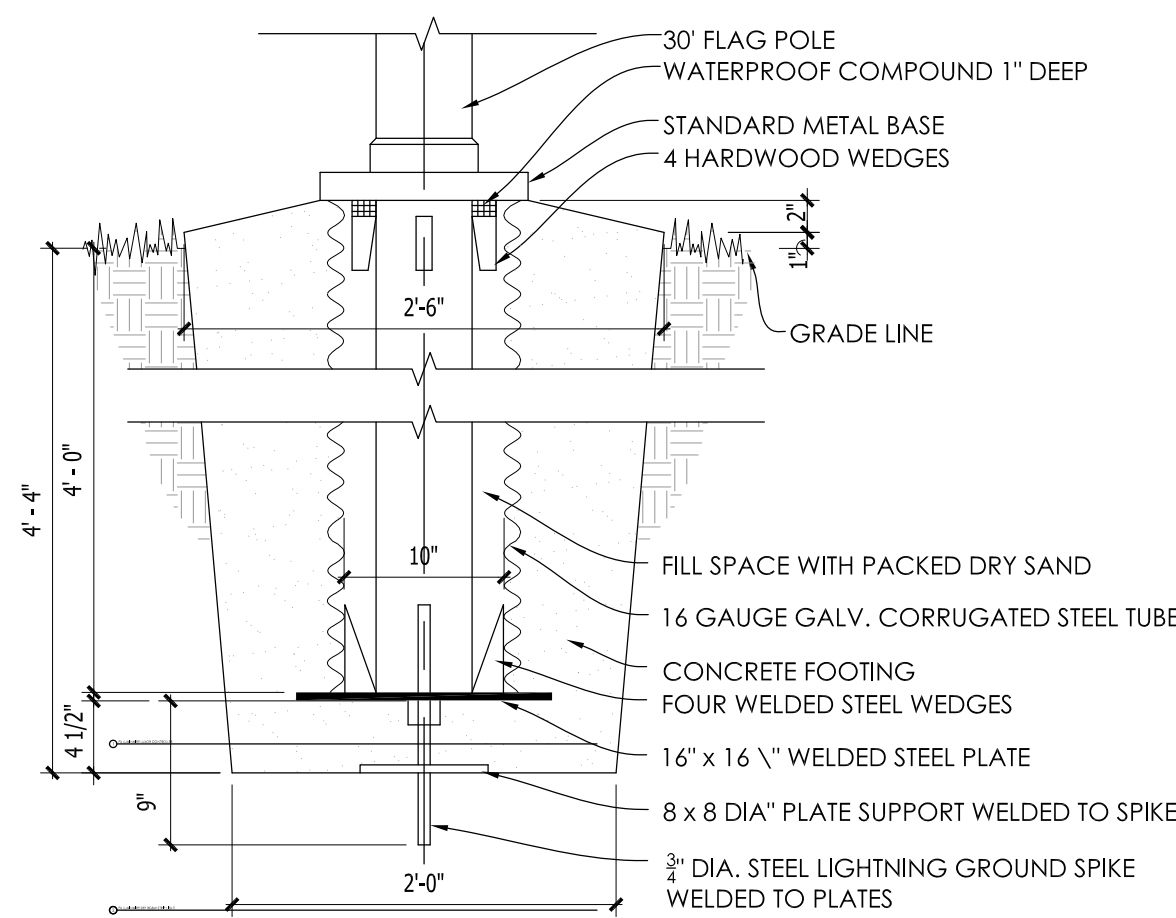
2 PROPOSED PERGOLA BUILT-UP BASE SECTIONS  
SCALE: 1" = 1'-0"



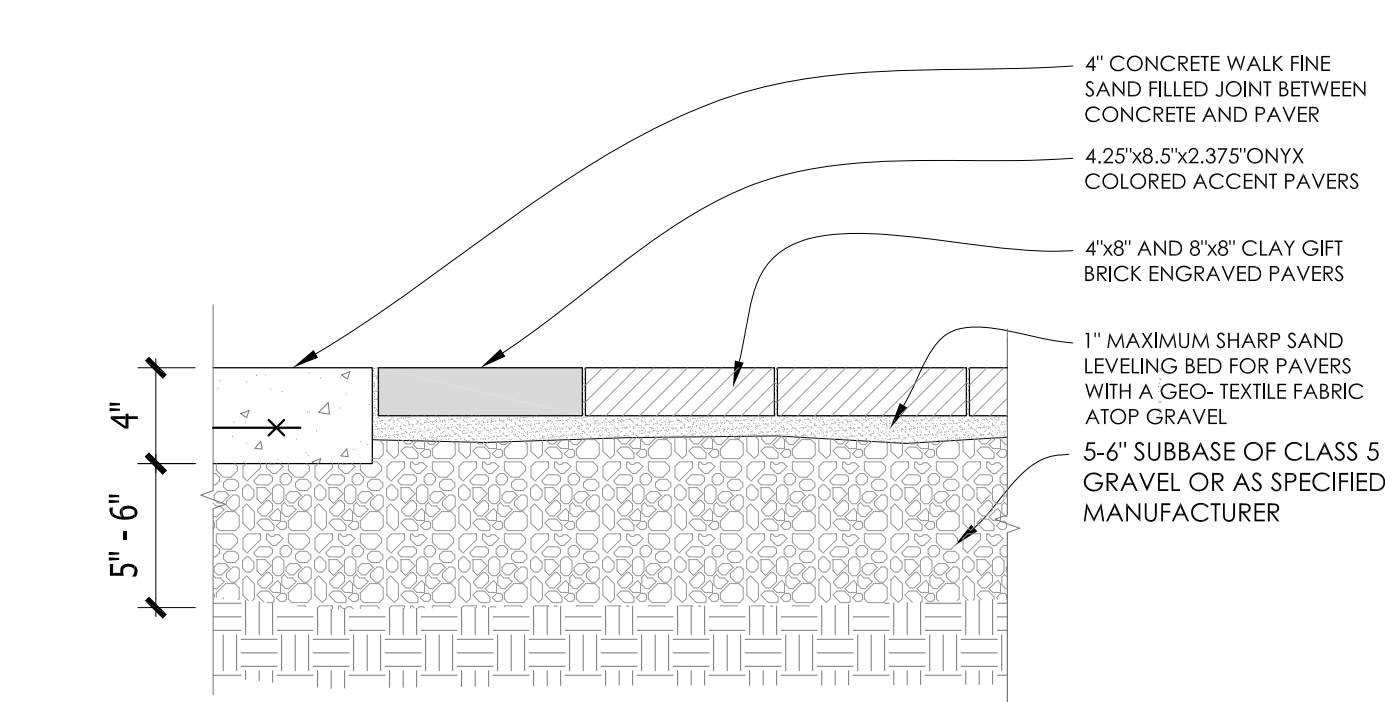
3 PROPOSED 42" FENCE BETWEEN PERGOLA COLUMN BASES (4 SECTIONS EACH)  
SCALE: NTS



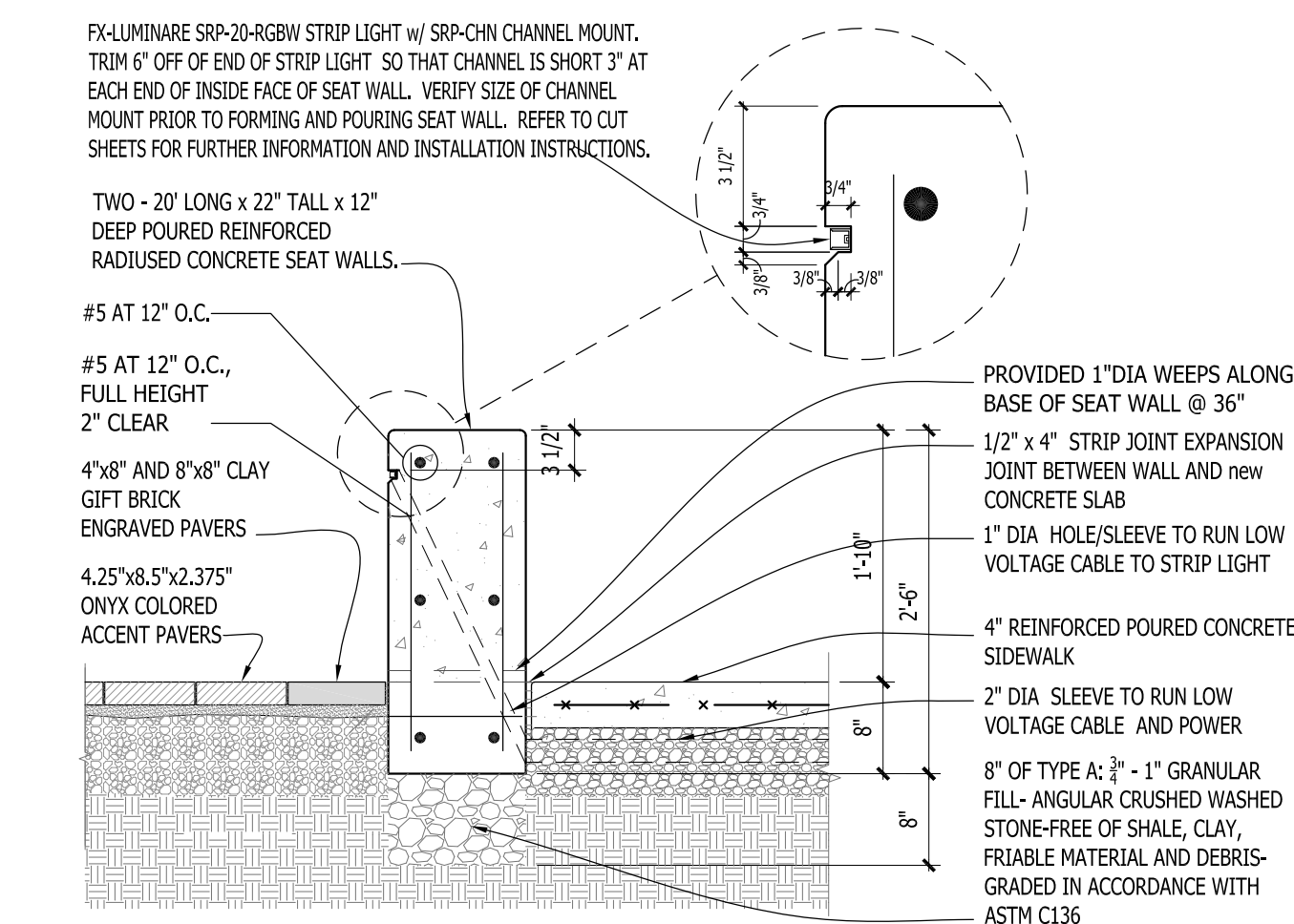
4 SLOPED PERGOLA FOOTING  
SCALE: 1/2" = 1'-0"



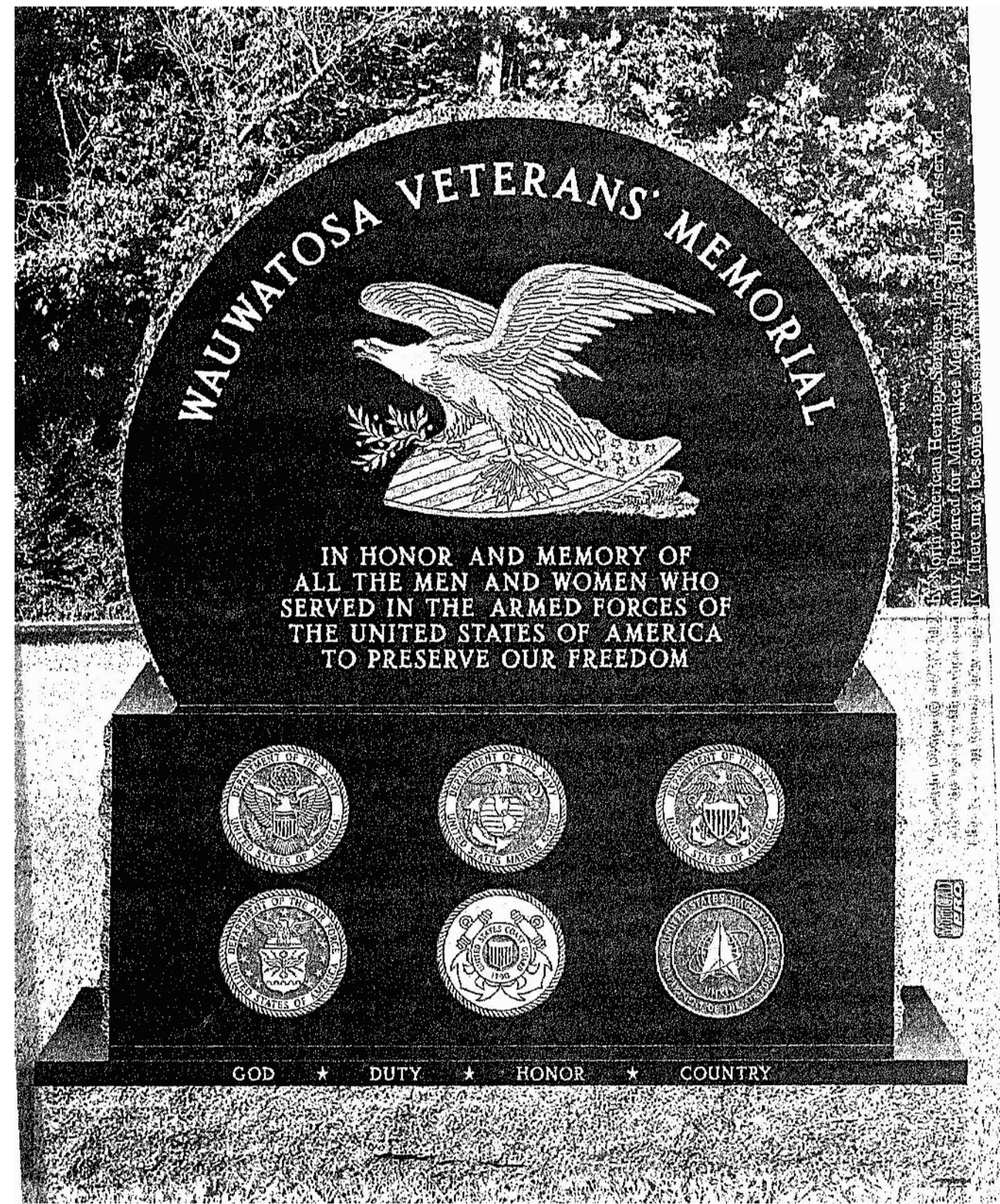
4 FLAG POLE BASE  
SCALE: 1" = 1'-0"



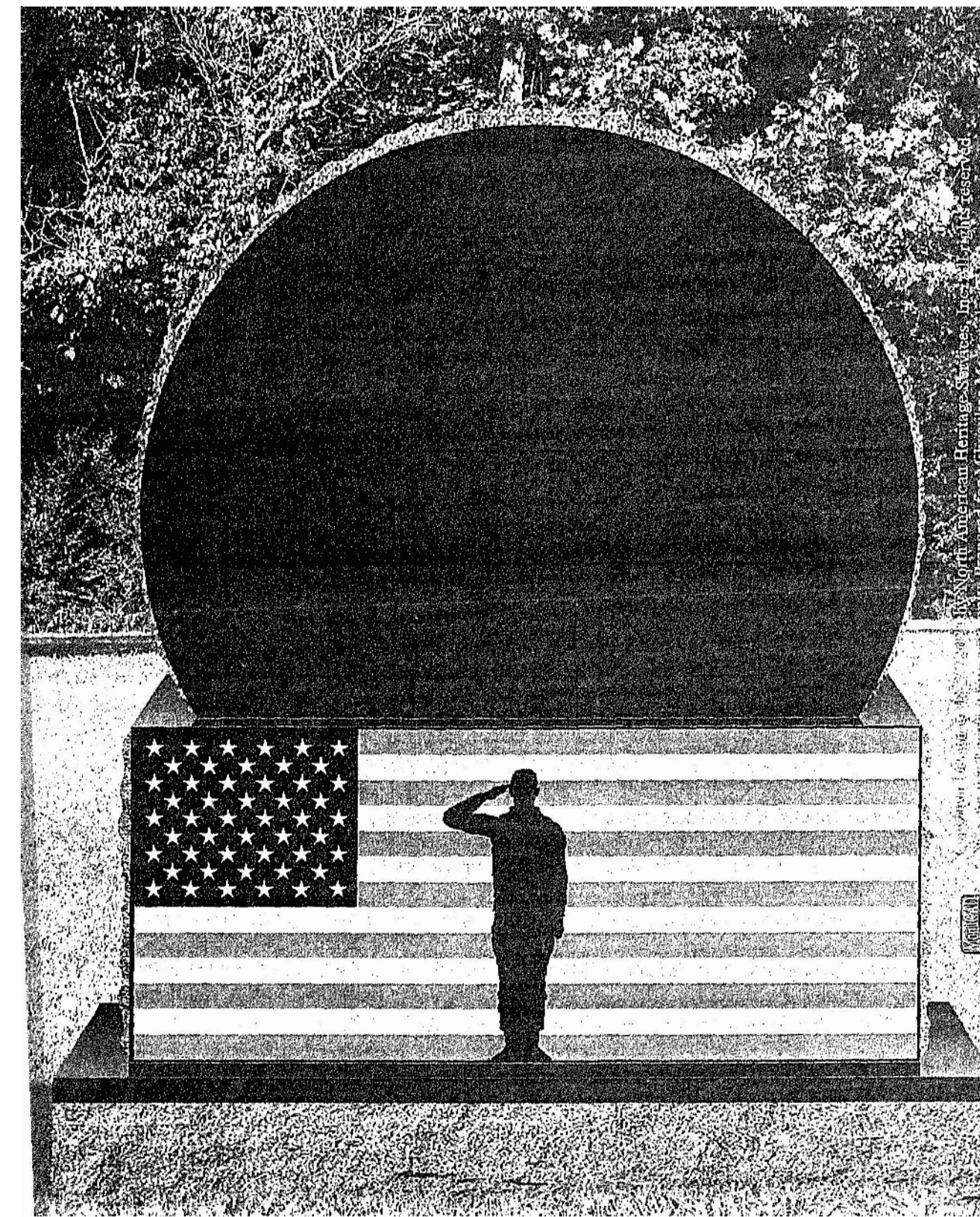
5 CONCRETE INTERLOCKING PAVER DETAIL  
SCALE: 1 1/2" = 1'-0"



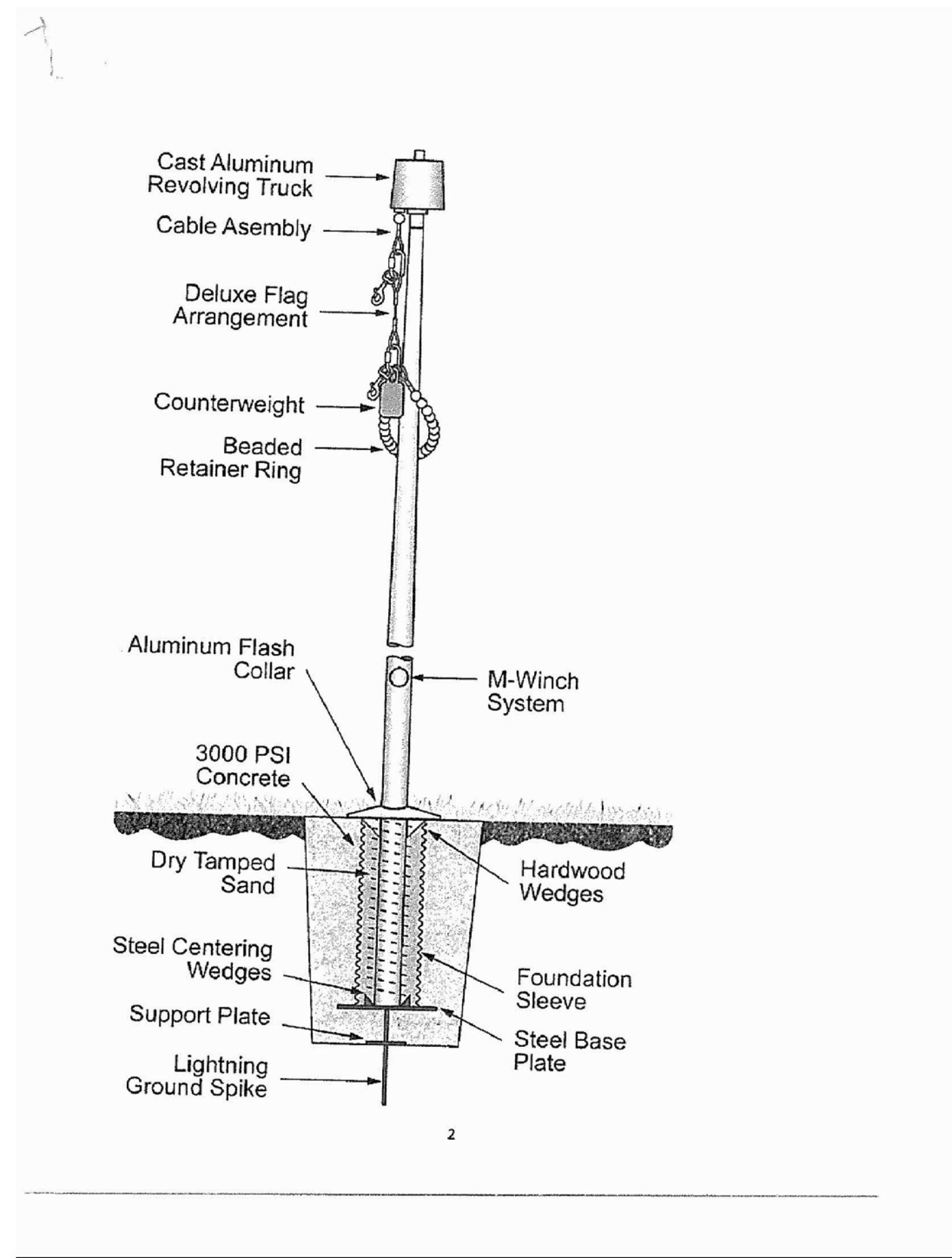
6 CONCRETE SEATWALL  
SCALE: 3/4" = 1'-0"



1 MEMORIAL PLAZA MONUMENT FRONT



2 MEMORIAL PLAZA MONUMENT BACK



3 FLAG POLE

9/20/23, 4:42 PM

Gift Bricks® Engraved Clay Brick Colors

Call for a FREE Sample Kit  
Toll-Free: 1-800-537-5579

Home > Products > Engraved Bricks > Clay Brick > Colors

**Gift Bricks® Engraved Clay Brick Colors**

Clay pavers offer durability and versatility. They can be: engraved only, engraved with epoxy fill, engraved with paint infill, or engraved with laserblasting. Our most popular product is available in colors shown. These engraved clay bricks come in sizes 4 x 8 and 8 x 8. Engraving text can be 14 or 20 characters per line.

**Sizes: 4x8 and 8x8**

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

**UNILOCK**  
PRODUCT SELECTION

PRODUCT LINE: HOLLANDSTONE™  
3 7/8" x 7 7/8" x 2 3/8" (100 x 200 x 60mm)

3 7/8" x 7 7/8" (100x200mm)

Color: Charcoal | Finish: Classic | Product Line: HOLLANDSTONE™

APPLICATIONS:  
Light Duty Vehicular | Pedestrian

PRODUCT INFORMATION

A classic, Hollandstone is a favorite for many because of the design flexibility it provides and the array of available colors in standard finish. Available in one size, this paver can be laid in various patterns.

PRODUCT INFORMATION (CONT'D)

SPECIAL NOTE:  
HOLLANDSTONE™  
Hollandstone is a very popular value paver. The simple lines and patterns make it easy to work with. Add a special look to Hollandstone by incorporating Unigranite® or Series™ banding and insets.

Recommended Base Stabilization – one layer of DriveGrid™ stabilization grid between subgrade and base material. Recommended depth 8" to 10" below pavers for maximum stability and performance. Use under Standard Base or Permeable Base.

Standard Base – Min. 6" – 8" of 1/2" Crusher Run gravel (any road base standard) in accordance with ASTM-D2940 compacted to 98% Standard Proctor Density (SPD).

Standard Bedding Course – 1" thick of coarse sand – in accordance with ASTM-D2940 screeded over base.

Alternative Permeable Base – Min. 6" – 8" of 1/2" clear open-graded stone compacted to achieve full particle lock-up and consolidation. (Clear open-graded does not compact but does consolidate slightly by rattling the particles together.)

Alternative Permeable Bedding Course – 1" thick of 1/4" clear open-graded chip stone – (ASTM No. 8) screeded over base.

Special Note: Concrete Direct Overlay – In some areas of the country and in some applications pavers are very successfully placed directly over concrete. Concrete as a base is in itself quite strong, but it can affect the structural integrity of the paver particularly in vehicular applications, where the concrete below is sub-grade. The following considerations must be taken into account:

©2019 UNILOCK  
UNILOCK.COM | 1-800-UNILOCK



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

**POLYSWEEP**  
JUST DAMN GOOD SAND

Superior Strength Polymeric Sand  
Regular & X-Treme Wide Joint

Joint Stabilization TECHNICAL DATA SHEET

PRODUCT DESCRIPTION: Page 1

Regular & X-Treme Wide Joint PolySweep Polymeric Sand (referred to as PolySweep unless otherwise noted) are designed to keep sand in the joints by creating a semi-solid joint. PolySweep is a blend of native sands conforming to the ASTM C-144 standard, and polymer binders that once activated allow the joints to expand and contract with the elements such as extreme heat/cold and freeze/thaw cycles. Hardened sand joints will help to prevent sand erosion by rain and other water run-off, lessen weed growth, deter insect infestation and reduce overall pavement maintenance. Specially formulated with Clear Set Technology® which uses the highest quality, clearest synthetic polymers, PolySweep will not discolor the surface or leave behind a haze.

FEATURES	BENEFITS
Clear Set Technology	• Haze Free Performance
Superior Strength, Long Lasting Durability	• Long Term Semi-Solid Joint • Resists Cracking • Lessens Weed Growth and Deters Insects
Stronger Set Up	• Tested & proven to have superior cohesion & adhesion performance on initial set up and after full cure
RCS Safe	• RCS (Respirable Crystalline Silica) level is below reportable limits under normal use as demonstrated by certified lab testing

SUITABLE APPLICATIONS:

- New or Existing Residential and Commercial Projects: Driveways, Walkways, Patios, Pool Decks and Concrete Overlays
- Substrates: Concrete, Clay & Wet Cast Pavers, Natural Stone and Porcelain Tile
- Do not use on vertical applications or as a substitute for mortar

AVAILABLE COLORS:

Pearl is not available in X-Treme Wide Joint. Color availability may vary by region. Color may vary due to the nature of aggregates and moisture content. This image is a representation of the available colors and a sample can be requested if needed.

6 PLAZA PAVER POLYSWEEP POLYMERIC JOINTING SAND - BLACK COLOR

**POLYSWEEP**  
JUST DAMN GOOD SAND

Superior Strength Polymeric Sand  
Regular & X-Treme Wide Joint

Joint Stabilization TECHNICAL DATA SHEET

IMPORTANCE OF ASTM C144 SAND: Page 2

PolySweep is a blend of polymer binders and native sands that conform to the ASTM C-144 standard. ASTM C-144 is a specific gradation of fractured angular sand particles of different sizes. This type of sand will create the necessary structure in the joint that will interlock the system together once the polymers are activated with water and the curing process is complete.

ASTM C144

- Fractured & Angular
- Different Size Particles
- Ideal for Segmental Systems

POLYSWEEP ESTIMATED COVERAGE PER 50 LB. BAG:

JOINT SIZE	AREA IN SQ FT
Up to 1/4"	50 - 75
1/4" - 1/2"	25 - 50
1/2" - 3/4"	15 - 25

Coverage will vary depending on shape, size & depth of pavers installed. Use in joints up to 3/4".

X-TREME WIDE JOINT ESTIMATED COVERAGE PER 50 LB. BAG:

PAVER TYPE	JOINT SIZE	AREA IN SQ FT
Standard	Up to 1/4"	50 - 75
Standard	1/4" - 1/2"	25 - 50
Standard	1/4" - 1/2"	15 - 25
Natural Stone	Up to 2"	15 - 25
Natural Stone	2" - 4"	25 - 35

Coverage will vary depending on shape, size & depth of pavers installed. Use in joints up to 4".

**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

©2023 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 PHASE 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.

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 PROJECT  
SITE MATERIALS / COMPONENTS

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

# SD1.6

## PERMCHIP™

Granite Chips for Permeable Paver Systems

A PERMEABLE SOLUTION FROM THE MAKERS OF Snap Edge® & PermEdge® OFFERING OPTIMAL INFILTRATION PERFORMANCE

**RESIDENTIAL & COMMERCIAL APPLICATIONS**  
DRIVEWAYS • PATIOS • WALKWAYS • PARKING LOTS

- High-Strength Crushed and Washed Granite
- Meets ASTM #9 Stone Specification
- 100% Fractured Surface
- Freeze/Thaw Resistant
- Tests Well Above Minimum Target of 100 in/hr Infiltration Rate
- Resists Clogging/Particle Build Up in Permeable Pavement Joints
- For Use in Standard or Narrow Joints
- Available in 50 lb. Plastic Bags, 56 Bags Per Pallet and 2500 lb. Super Sacks
- Can Be Stabilized With SB-1000 PKCP Chip Stabilizer

**INSTALLATION INSTRUCTIONS**

- Sweep PermChip into joints
- Sweep pavers clean of any PermChip
- Compact using a vibrating plate compactor - 2 passes
- After compaction, fill all joints to 1/8" from the top of the paver
- Remove any excess PermChip from the paver surface

**4 NATURAL STONE COLORS**

Eclipse Black

Sutton Tan

Stormy Gray

Sutton Red Special Clear

**BENEFITS OF USING PERMCHIP**

- Stays in Joints Better Than Rounded Aggregate
- Allows Surface Water Infiltration in Permeable Pavement Systems
- Natural Stone Colors That Complement Many Permeable Pavement Surfaces

*PermChip can be used as permeable pavement joint fill, bedding course and as a decorative pathway surface.*

**COVERAGE RATE PER 50 LB BAG OF PERMCHIP**

60 MM PAVER	
OPENING RATIO	SQ. FT. PER BAG
11%	45
13%	40
15%	35

80 MM PAVER	
OPENING RATIO	SQ. FT. PER BAG
11%	35
13%	30
15%	25

These are estimates and should vary based on local conditions.

800-932-3343 | www.sek.us.com

### 2 SEK PERMCHIP PERMIABLE PAVER JOINTING MATERIAL - ECLIPSE BLACK

**SUREBOND SEALERS**

**SB-8700** WET LOOK JOINT STABILIZING SEALER With Antifungal Film Protection

**TECHNICAL DATA SHEET**

**DRY TIME:** Surface will be dry to the touch within 5-10 minutes assuming 50-65°F, 50% relative humidity. Low surface or air temperature and/or high relative humidity will extend dry times. SB-8700 is rain safe in 90 minutes. Protect the surface from dust, rain, condensation and traffic while drying. Area can be open to foot & vehicular traffic in 24 hours depending on site conditions.

**CLEAN UP:** For tools and equipment, clean with xylene before product is allowed to dry.

**MAINTENANCE/RE-APPLICATION:** Sealed surfaces should be properly maintained following Surebond's Restoration and Maintenance guidelines to get the best long-term performance from both the pavement and SB-8700. To prevent build-up of dirt, grime and stains, rinse surface regularly with clean water. If stains do occur, Surebond cleaners are compatible with Surebond sealers. Consult cleaner instructions to determine if they are ready to use or if they require dilution. Test cleaners in an inconspicuous area prior to cleaning the entire surface. When using a pressure washer, do not use excessive pressure as it may erode joint sand and/or damage the surface. Thoroughly rinse the surface of cleaner residue.

**PACKAGING:** Gallon Containers: 4 gallons/case, 36 cases/pallet  
Five Gallon Pails: 36 pails/pallet  
55 Gallon Drums: 4 drums/pallet

**STORAGE:** Store locked up in original packaging in a cool, well-ventilated place. Keep container tightly closed when not in use. Do not allow to freeze. SB-8700 is a highly flammable liquid and should be stored away from heat, hot surfaces, sparks, open flames and other ignition sources.

**SHELF LIFE:** 2 years when unopened and properly stored

**WFO CONTENT:** <400 g/L

**PRECAUTIONARY INFORMATION:** Protect surface from freezing and store in a cool place when not in use. In winter, keep in heated area. This sealer is not recommended for marble, granite, ceramic tile, and polished surfaces with a high gloss and should be stored away from heat, hot surfaces, sparks, open flames and other ignition sources.

**WARRANTY:** SEK-Surebond warrants its products to substantially conform to its published specifications at the time of purchase. The foregoing is the sole limited warranty applicable to the products. SEK-SUREBOND HEREBY DISCLAIMS ALL OTHER WARRANTIES OF ANY KIND OR NATURE, WHETHER EXPRESS, IMPLIED, OR STATUTORY, INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY OTHER THAN THE WARRANTY SET FORTH ABOVE. The user is solely responsible for determining suitability of the products for their particular use. While the actual application of this product is out of the control of SEK-Surebond, it is recommended that the application guidelines be followed completely and accurately. SEK-Surebond's liability for any damage shall not exceed the purchase price of the product used, and shall have no liability for consequential, incidental or punitive damages.

**BE MAINTAINED** for a period of 24 hours prior to application. Surface temperature should not exceed 120°F (49°C) during application. Work should cease in inclement weather (rain or strong wind).

**KEEP OUT OF REACH OF CHILDREN** • Read label and obtain special instructions before use • Do not handle until all safety precautions have been read and understood • Do not eat, drink, or smoke when using this product • Wash thoroughly after handling • Use only outdoors in a well-ventilated area • Keep away from heat, hot surfaces, sparks, open flames and other ignition sources • Ground and bond container and receiving equipment • Use explosion-proof equipment and only non-sparking tools • Take action to prevent static discharge • Wear protective gloves, clothing, face and eye protection • Do not breathe vapors, spray or mist • Keep container tightly closed when not in use (See Safety Data Sheet for complete information.)

**EMERGENCY & FIRST AID MEASURES:** Get medical attention if exposed and feel unwell, or are concerned. **IF INHALED:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a **POISON CENTER** or physician if feel unwell. **IF SWALLOWED:** Immediately call a **POISON CENTER** or physician. Do NOT induce vomiting. **IF ON SKIN:** Immediately take off all contaminated clothing and wash before reuse. Rinse skin with plenty of water or shower. Call a **POISON CENTER** or physician if you feel unwell or if skin irritation occurs. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation occurs. **IN CASE OF FIRE:** Use CO<sub>2</sub>, dry chemical, or alcohol resistant foam to extinguish. (See Safety Data Sheet for complete information.)

800-932-3343 | SEK.US.COM

**PROTECTION THAT PAYS**

SB8700 1290

### 3 SUREBOND SB-700 WET LOOK SEALER ALL HARDSCAPE PAVERS TO BE SEALED AS RECOMMENDED BY MANUFACTURER

**UNILOCK**

PRODUCT SELECTION

**PRODUCT LINE: NORDIC COBBLES**  
3 5/8" x 3 1/4" x 3 1/2" (90.9 x 84.2 x 89.1mm)

**Color:** Dark Charcoal

**Finish:** Smooth Premier

**Product Line:** NORDIC COBBLES

**APPLICATIONS:**

Light Duty Vehicular

Heavy Duty Vehicular

Permeable  
Sustainable Design, Stormwater Retention, Low Impact Design, Rainwater Harvesting, Increased Technological

Pedestrian

**EndureColor**  
The refined surface of Unilock EndureColor products is achieved with a two-step manufacturing process that combines a base of coarser aggregates for a stronger foundation, with concentrated color and wear-resistant finer aggregates on top. This process protects the surface from the appearance of fading over time because the top layer prevents large, lighter color aggregates from ever showing through.

**PRODUCT INFORMATION**

Nordic Cobble brings a modern finish to a historic paving staple, hand-cut granite cobbles. Randomized cobble "faces" can create circular fans or curves, grid patterning and border designs.

**PRODUCT INFORMATION (CONT'D)**

**SPECIAL NOTE:**

### 1 7 1/2" WIDE DOUBLE ROW OF UNILOCK NORDIC COBBLE DARK CHARCOAL COLOR USE BLACK POLYMERIC JOINTING SAND IN THE CIRCULAR PLAZA AND PERMCHIP AGGREGATE IN THE PERMIABLE APPROACH SIDEWALKS

**SB-8700 Wet Look Joint Stabilizing Sealer**  
With Antifungal Film Protection

- **Multi-Purpose Product:** Seals and Enhances Surface, Hardens Joint Sand
- **Antifungal Film Protection:** Protects Sealer Film from Mold, Moss & Algae
- **Stain Resistant:** Promotes Easier Cleaning & Maintenance
- **Stabilizes Joint Sand:** Reduces Sand Washout, Weeds & Insect Infestation
- **Surface Enhancement:** Deeply Enhances Surface Tone & Semi-Gloss Finish
- **Rain Safe in 90 Minutes:** Minimizes Rain Affecting Your Sealing Schedule
- **Breathable, Immediate Application:** Does Not Trap Moisture or Efflorescence

**SB-8700 Wet Look Joint Stabilizing Sealer** is a solvent-based advanced premium acrylic sealer that is rain safe 90 minutes after application and will not yellow under exposure to sunlight. It is recommended for outdoor use only on old and new, horizontal or vertical surfaces to provide surface protection and stabilize newly installed joint

### 3 SUREBOND SB-700 WET LOOK SEALER ALL HARDSCAPE PAVERS TO BE SEALED AS RECOMMENDED BY MANUFACTURER

**SUREBOND SEALERS**

**SB-8700** WET LOOK JOINT STABILIZING SEALER With Antifungal Film Protection

**TECHNICAL DATA SHEET**

**PREPARATION:** **TEST SEALER FIRST** on a small inconspicuous area to determine suitability and if desired results are achievable with this product. Before sealing, surface should be thoroughly cleaned and prepared with Surebond Cleaners. For spot cleaning, use S.R.B. and/or Oil Extractor before cleaning the surface overall with SureClean. Use Effic Ori for efflorescence clearing and SureStrip to remove previously applied sealer, other than SB-8700. Remove and kill any mold, mildew, fungus or algae. For joint stabilization in existing surfaces, old joint sand should be removed to a minimum depth of 1" from the top of surface. Thoroughly rinse all cleaner residue from the surface. Allow surface to dry for a minimum of 24 hours after cleaning and/or rain before joint sand installation or sealer application.

**Joint Sand Installation:** Paver joints should be no more than 1/8" wide and filled with ASTM C144 joint sand. Vibrata surface with vibratory roller or compactor after sweeping sand into joints to minimize air voids. Sand level should not exceed the bottom of the chamfer edge or 1/8" down from the top on non-chamfered surfaces.

**Prior to Sealing:** Use a leaf blower to remove dust, debris and fine sand particles from the surface. Cover/protect nearby landscape, vehicles, and buildings from overspray during application.

**APPLICATION INFORMATION:** Acrylic when dry and night temperatures are between 40°F - 95°F. Maximum surface temperature should not exceed 120°F. Allow surface to dry for a minimum of 24 hours after cleaning and/or rain before sealer application. Avoid windy conditions to keep sealer spray from drifting. NO pre-blending or mixing required. DO NOT DILUTE. SB-8700 is designed for a one-coat application but if desired an additional light spray coat can be applied only after the first coat has dried to the touch. Excessive applications may decrease breathability and/or cause surface to become slippery. Some surfaces may require an anti-slip additive to increase friction. On large projects, it may be necessary to work in smaller more manageable sections.

**Application Tools:** low-pressure high-volume sprayer with solvent resistant neoprene or Viton type seals, solvent resistant silt foam roller, foam squeegee for joint stabilization.

**Spray & Back Roll Application (no joint sand stabilization):** Use coverage rate for sealing without joint stabilization. Hold sprayer nozzle perpendicular to the surface, spray and sweep each spray pass. Before sealer dries, back roll surface with a foam roller to eliminate any pooling and to even out the sealer.

**Flood Coat & Squeegee Application for Joint Stabilization:** Use coverage rate for sealing with joint stabilization. Liberally spray sealer to flood surface and joints ensuring proper sand penetration for stabilization. Use a foam squeegee to direct excess sealer into joints. On an uneven surface, it is recommended to then back roll with a silt foam roller before sealer dries to even out the sealer and eliminate pooling.

**\*Do not roll back and forth excessively as this may cause excessive bubbling. Rolling or squeegeeing immediately after film starts to become tacky can cause the roller/squeegee to become stringy and could damage the sealer.**

**FEATURES**

- **Multi-Purpose Product**
- **Antifungal Film Protection**
- **Stain Resistant**
- **Stabilizes Joint Sand**
- **Surface Enhancement**
- **Rain Safe in 90 Minutes**
- **Breathable, Immediate Application**

**BENEFITS**

- Seals and Deeply Enhances Surface
- Hardens Joint Sand
- Protects Sealer Film from Mold, Moss & Algae
- Promotes Easier Cleaning & Maintenance
- Reduces Sand Washout, Weeds & Insect Infestation
- Deeply Enhances Surface Tone
- Semi-Gloss Finish
- Minimizes Rain Affecting Your Sealing Schedule
- Does Not Trap Moisture or Efflorescence

**SUITABLE SURFACES:** Suitable for concrete and clay pavers, flat and stamped concrete, masonry, natural and manufactured stone, segmental retaining wall blocks, concrete walls and exposed aggregate. Ideal for shaded areas, pool decks and outdoor showers where mildew, fungus and algae are a concern. Safe to use on old or new surfaces in outside environments. Not recommended for granite, marble, asphalt, glazed or ceramic tile. Test first to verify performance and appearance before applying.

**COVERAGE PER GALLON:**

APPLICATION	SQ. FEET	SO METERS
Sealing with joint stabilization	80 - 120	7.4 - 11.1
Sealing without joint stabilization	150 - 250	13.9 - 23.2

Coverage based on one coat. Actual coverage may vary depending on the type, age, condition, porosity of the surface, application method and other local conditions such as temperature & humidity.

800-932-3343 | SEK.US.COM

**PROTECTION THAT PAYS**

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 CONSTRUCTION RELATED PURPOSES. L23-025 - WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2026

**Simpson Strong-Tie® Wood Construction Connectors**

## MPBZ™

### Moment Post Base

The patent-pending MPBZ is specifically designed to provide moment resistance for columns or posts. An innovative overlapping sleeve design encases 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, stairs and end caps. Built-in stand-off tabs provide the required 1" stand-off to meet design of the post while eliminating multiple parts and assembly. Additionally, the MPBZ is available in ZMAX® or the standard finish to meet exposure conditions in many environments. For 10" stem walls or round columns, see engineering tables L-C-10MPBZ and L-C-MPBEZ at [strongtie.com](http://strongtie.com).

**Features:**

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

**Material:** 12 gauge

**Finish:** ZMAX coating

**Installation:**

- Use all specified fasteners, see General Notes.
- Install MPBZ before concrete is placed using embedded level indicators and form board attachment holes.
- Place post on tabs 1" above top of concrete.
- Install Simpson Strong-Tie SDS Heavy-Duty Connector screws, which are spaced with the MPBZ. (Lag screws will not achieve the same look.)
- 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 [www.strongtie.com/pd](http://www.strongtie.com/pd) to access our design information. Designer webstore search.

1 SIMPSON STRONG TIE MOMENT POST BASE (MPB88Z)

**Simpson Strong-Tie® Wood Construction Connectors**

## MPBZ™

### Moment Post Base (cont.)

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

Model No.	Nominal Outside Size	Dimensions (in.)	Strong-Tie® SDS Screws	Concrete Allowable Loads				Wood Assembly (2" Min. Embedment)		Code Ref.		
				Uplift (lb)	Lateral Ft. (lb)	Moment M (ft.-lb)	Downward (lb)	Uplift (lb)	Moment M (ft.-lb)			
<b>Non-reinforced Concrete</b>												
<b>Weld and Spline Design Category A-B</b>												
MPB42Z	4x4	2 1/2" x 7 1/4" x 19 1/2" x 2 1/2"	4,000	3,000	1,700	1,000	1,000	545	6,240	6,410	1,500	1,240,000
MPB62Z	6x6	3 1/4" x 7 1/4" x 25 1/4" x 3 1/4"	5,810	5,310	3,430	2,400	2,800	1,030	5,300	10,850	3,700	2,400,000
MPB82Z	8x8	4 1/4" x 7 1/4" x 31 1/4" x 4 1/4"	11,600	9,310	7,200	5,500	4,160	2,340	15,100	17,000	4,500	5,510,000
<b>Spline Design Category C-F</b>												
MPB42Z	4x4	2 1/2" x 7 1/4" x 19 1/2" x 2 1/2"	4,790	3,600	1,900	1,070	1,100	610	6,240	6,410	1,500	1,240,000
MPB62Z	6x6	3 1/4" x 7 1/4" x 25 1/4" x 3 1/4"	5,810	5,310	3,010	2,110	2,300	1,040	5,300	10,850	3,700	2,400,000
MPB82Z	8x8	4 1/4" x 7 1/4" x 31 1/4" x 4 1/4"	10,950	8,160	6,390	4,870	3,470	2,500	15,100	17,000	4,500	5,510,000
<b>Reinforced Concrete</b>												
<b>Weld and Spline Design Category A-B</b>												
MPB42Z	4x4	2 1/2" x 7 1/4" x 19 1/2" x 2 1/2"	4,000	3,000	1,700	1,000	1,000	545	6,240	6,410	1,500	1,240,000
MPB62Z	6x6	3 1/4" x 7 1/4" x 25 1/4" x 3 1/4"	5,810	5,310	3,430	2,400	2,800	1,030	5,300	10,850	3,700	2,400,000
MPB82Z	8x8	4 1/4" x 7 1/4" x 31 1/4" x 4 1/4"	11,600	9,310	7,200	5,500	4,160	2,340	15,100	17,000	4,500	5,510,000
<b>Spline Design Category C-F</b>												
MPB42Z	4x4	2 1/2" x 7 1/4" x 19 1/2" x 2 1/2"	4,790	3,600	1,900	1,070	1,100	610	6,240	6,410	1,500	1,240,000
MPB62Z	6x6	3 1/4" x 7 1/4" x 25 1/4" x 3 1/4"	5,810	5,310	3,010	2,110	2,300	1,040	5,300	10,850	3,700	2,400,000
MPB82Z	8x8	4 1/4" x 7 1/4" x 31 1/4" x 4 1/4"	10,950	8,160	6,390	4,870	3,470	2,500	15,100	17,000	4,500	5,510,000

- Loads may not be increased for duration of load.
- Higher distributed loads may be achieved with a 1" stand-off area before installation of the post. Allowable downward load shall be based on either the wood post design or the concrete design, whichever is lower.
- Concrete shall have a minimum compressive strength of  $f_c = 3,500$  psi.
- Required 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.
- Match all materials and weld ASD uplift and lateral load values by 1.43 or 1.57, respectively, to obtain LRFD capacities.
- In accordance with IRC, Section 603.5, detached one- and two-family dwellings in Seismic Design Category (SDC) C may use "Weld and SDS A-B" allowable loads.
- Foundation dimensions are for anchorage only. Foundation design size and reinforcement by designer.
- Allowable load shall be the lesser of the wood assembly or concrete allowable load.
- For loading conditions in more than one direction, the allowable load must be evaluated using the following equation: (Design Uplift / Allowable Uplift) or (Design Lateral / Allowable Lateral) or (Design Moment / Allowable Moment) or (Design Lateral / Allowable Lateral)  $\leq 1.0$ .
- To account for shrinkage up to 2%, multiply rotational stiffness by 0.75. Foundation may be designed using the above equation for shrinkage less than 2%.
- Tabulated load values may be used for rough, uneven surfaces or larger size posts without reduction factors. Designers and inspectors should be aware that posts shall be placed uniformly on all four sides such that centerline of post coincides with the centerline of MPBZ.
- SDS screws are Simpson Strong-Tie® SDS Concrete Screws. Designer SDI webstore search.

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

**WAUSAU TILE**

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

**Available Colors**

**Metal Powder Coat**

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

**Request Sample**

**Specifications:**

- Diameter:** 26" dia.
- Height:** 51"
- Weight:** 200 lbs.
- Material:** Steel
- Shape:** Round
- Anchoring:** Optional single point anchor available (7201)
- Line 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.

**Project:**

## 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

**Barrettine** TRUSTED BY THE PROFESSIONALS

## WOOD PRESERVER

PREMIER COLOURS

**WOOD PRESERVER (RED CEDAR COLOR)**

**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

**SHAKE WELL BEFORE & DURING USE**

5 Litre e

3 BARRETTINE WOOD PRESERVER - RED CEDAR COLOR

**Barrettine** TRUSTED BY THE PROFESSIONALS

Manufactured in the UK

## WOOD PRESERVER (CLEAR & COLOURS)

**TECHNICAL DATA SHEET**

**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 active 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.

**PREPARATION**

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

**Renovation:** All coatings will be completely removed. Pre 1960's paint may contain lead, take special precautions. If necessary, grey or deteriorated 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.

**AMATEUR / PROFESSIONAL USE:** 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-seal container after use.

**Application temperature:** Ideally between 10 - 30°C. Wood should be free from frost 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-seal 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/m<sup>2</sup>.

**Drying time:** 12 hours under normal conditions (20°C/68°F, 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

**Barrettine** TRUSTED BY THE PROFESSIONALS

**WOOD PRESERVER**

**TECHNICAL DATA SHEET**

**AFTERCARE MAINTENANCE**

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

**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 while 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 timber and during drying, do not contaminate soil and surface waters with product. Do not enter into drains or allow this product to reach aquatic environments, the ground or the sewer system.

**COMPLIANCE**

FOR USE ONLY AS A WOOD PRESERVATIVE. READ ALL PRECAUTIONS BEFORE USE. HSE No. 10007 PFC 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 m<sup>2</sup> 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](http://www.hse.gov.uk/pubns/guidance/series.htm)  
To avoid risk to man and the environment, comply with instructions for use:  
Active ingredients: 3-iodo-2-propionyl, BUTYL CARBAMATE (PBC) 0.24% W/W, TEBUCONAZOLE 0.284% W/W AND PERMETHRIN 0.02% W/W.  
3-iodo-2-propionyl 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**

**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 (EWC) Code 13 02 02. Designated/forbidden wood preservative. 20 01 27. Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions (paint, inks, adhesives and resins containing dangerous substances).

**DANGER**

DO NOT TAMARINE 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 BEES. DO NOT USE ON BEESHIVES OR BEE KEEPING EQUIPMENT. DO NOT USE if under medical advice not to work with anticholinesterase compounds. FOR OUTDOOR USE. Also for use on windows/frames, external doors/frames (internal & external sections). Timber in unoccupied areas is. (Footnote 1)

**USE ONLY AS DESCRIBED ON THE LABEL.**

**Active ingredient:** 3-iodo-2-propionyl, BUTYL CARBAMATE (PBC) 0.24% W/W, TEBUCONAZOLE 0.284% W/W AND PERMETHRIN 0.02% W/W.  
May be fatal if swallowed and enters a cavity.  
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

**Barrettine** TRUSTED BY THE PROFESSIONALS

**WOOD PRESERVER**

**TECHNICAL DATA SHEET**

**COMPLIANCE**

FOR USE ONLY AS A WOOD PRESERVATIVE. READ ALL PRECAUTIONS BEFORE USE. HSE No. 10007 PFC 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 m<sup>2</sup> 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](http://www.hse.gov.uk/pubns/guidance/series.htm)  
To avoid risk to man and the environment, comply with instructions for use:  
Active ingredients: 3-iodo-2-propionyl, BUTYL CARBAMATE (PBC) 0.24% W/W, TEBUCONAZOLE 0.284% W/W AND PERMETHRIN 0.02% W/W.  
3-iodo-2-propionyl 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**

**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 (EWC) Code 13 02 02. Designated/forbidden wood preservative. 20 01 27. Municipal wastes (household waste and similar commercial, industrial and institutional wastes) including separately collected fractions (paint, inks, adhesives and resins containing dangerous substances).

**DANGER**

DO NOT TAMARINE 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 BEES. DO NOT USE ON BEESHIVES OR BEE KEEPING EQUIPMENT. DO NOT USE if under medical advice not to work with anticholinesterase compounds. FOR OUTDOOR USE. Also for use on windows/frames, external doors/frames (internal & external sections). Timber in unoccupied areas is. (Footnote 1)

**USE ONLY AS DESCRIBED ON THE LABEL.**

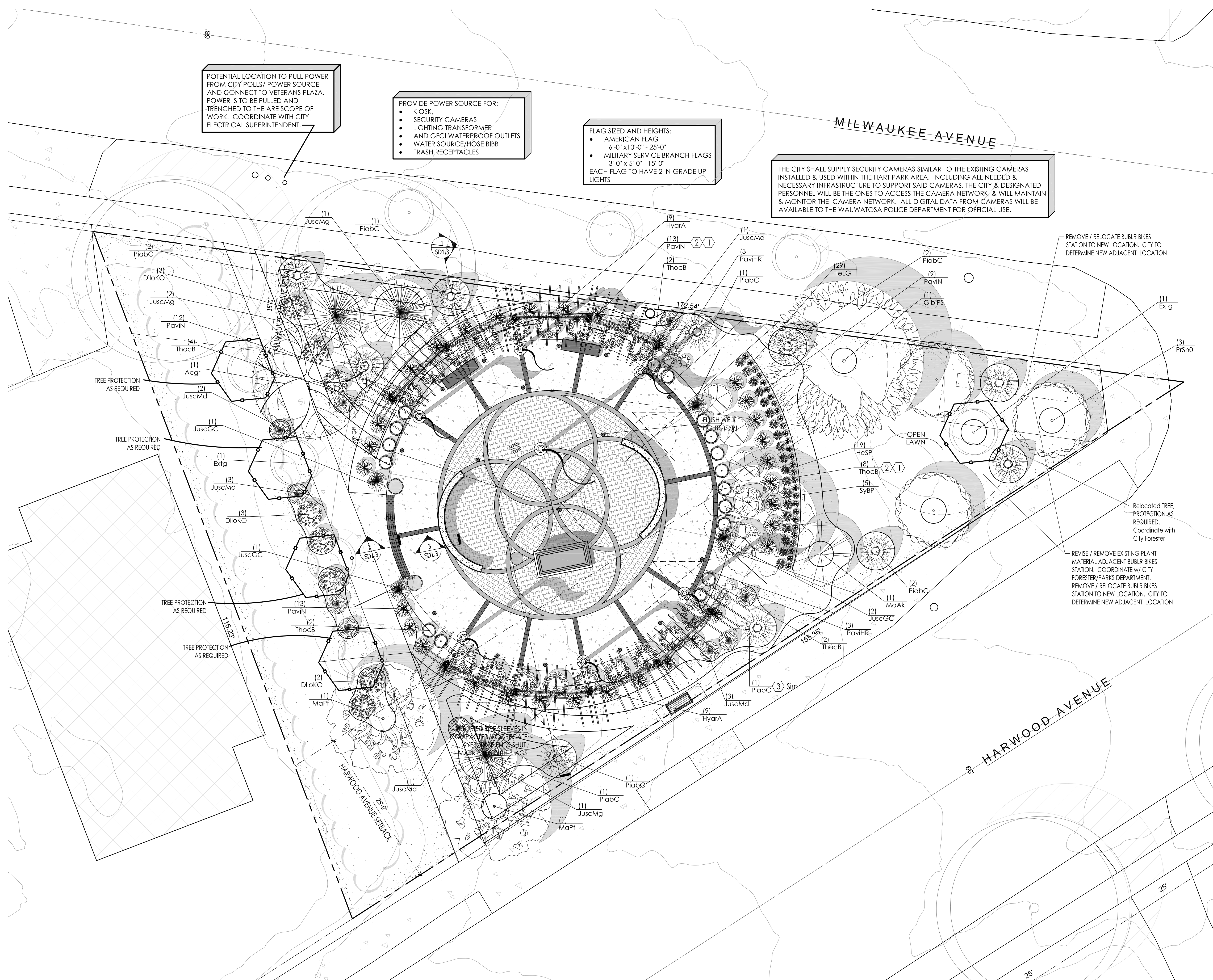
**Active ingredient:** 3-iodo-2-propionyl, BUTYL CARBAMATE (PBC) 0.24% W/W, TEBUCONAZOLE 0.284% W/W AND PERMETHRIN 0.02% W/W.  
May be fatal if swallowed and enters a cavity.  
Very toxic to aquatic life with long lasting effects.  
May produce an allergic reaction. Repeated exposure may cause skin dryness or cracking.

WOOD PRESERVER | PAGE 3

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.



POTENTIAL LOCATION TO PULL POWER FROM CITY POLLS/ POWER SOURCE AND CONNECT TO VETERANS PLAZA. POWER IS TO BE PULLED AND TRENCHED TO THE ARE SCOPE OF WORK. COORDINATE WITH CITY ELECTRICAL SUPERINTENDENT.

PROVIDE POWER SOURCE FOR:  
 • KIOSK  
 • SECURITY CAMERAS  
 • LIGHTING TRANSFORMER  
 • AND GFCI WATERPROOF OUTLETS  
 • WATER SOURCE/HOSE BIBB  
 • TRASH RECEPTACLES

FLAG SIZED AND HEIGHTS:  
 • AMERICAN FLAG  
 4'-0" x 10'-0" - 25'-0"  
 • MILITARY SERVICE BRANCH FLAGS  
 3'-0" x 5'-0" - 15'-0"  
 EACH FLAG TO HAVE 2 IN-GRADE UP LIGHTS

THE CITY SHALL SUPPLY SECURITY CAMERAS SIMILAR TO THE EXISTING CAMERAS INSTALLED & USED WITHIN THE HART PARK AREA. INCLUDING ALL NEEDED & NECESSARY INFRASTRUCTURE TO SUPPORT SAID CAMERAS. THE CITY & DESIGNATED PERSONNEL WILL BE THE ONES TO ACCESS THE CAMERA NETWORK, & WILL MAINTAIN & MONITOR THE CAMERA NETWORK. ALL DIGITAL DATA FROM CAMERAS WILL BE AVAILABLE TO THE WAUWATOSA POLICE DEPARTMENT FOR OFFICIAL USE.

Proposed Plant Material Table

Broadleaf Deciduous Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
1	Acgr		Acer griseum	Paperbark maple	2 1/2'-Cal - B&B	1
1	GibiPS		Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Maidenhair Tree	3'-Cal - B&B	1, 7
1	MaAk		Malus 'Adirondack'	Adirondack Flowering Crab	1 1/2' Cal - B&B	1
3	MaPf		Malus x 'Prairifire'	Prairifire Ornamental Crabapple	2'-Cal - B&B	1
3	PfSnD		Prunus x 'Snofozam'	Snow Fountains Weeping Cherry	2'-Cal - B&B	1
6	Extg		Existing to Remain	Existing to Remain	Existing	2
4	Extg		Existing to be Removed or Relocated	Existing to be Removed or Relocated	Existing	3

Conifer Evergreen Tree						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
3	JuscMg		Juniperus scopulorum 'Moonglow'	Moonglow Juniper	5' - 6' - B&B	4
10	PiabC		Picea abies 'Cupressina'	Columnar Norway Spruce	5' - 6' - B&B	4

Broadleaf Deciduous Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
7	DiloKO		Diervilla lonicera Kodiak Orange	Kodiak Orange Bush Honeysuckle Diervilla	18" - 24" - Cont	5
18	HyarA		Hydrangea arborescens 'Abetwo'	Incredibal Smooth Hydrangea	18" - 24" - Cont	5
5	SyBP		Syringa x Blooming Purple	Reblooming Purple Lilac	18" - 24" - Cont	5

Conifer Evergreen Shrub						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
10	JuscM		Juniperus scopulorum 'Medora'	Medora Juniper	5' - 6' - B&B	4
4	JuscGC		Gold Cone Juniper	Moonglow Juniper	3' - B&B	4
17	ThocB		Thuja occidentalis 'Bobazam'	Mr. Bowling Ball Arborvitae	15" - 18" - Cont	5

Perennial Grass						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
6	PaviHR		Panicum virgatum 'Hot Rod'	Hot Rod Switch Grass	1-Gal - Cont	6
35	PaviN		Panicum virgatum 'Northwind'	Northwind Switch Grass	1-Gal - Cont	6

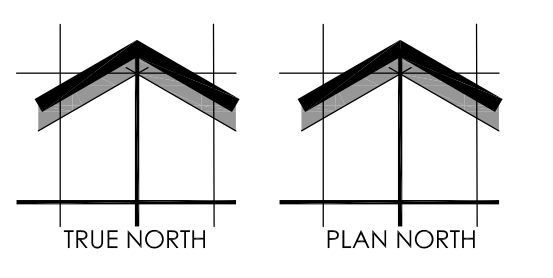
  

Perennial						
Quantity	Code Name	Symbol	Scientific Name	Common Name	Planting Size	Comments
29	HelG		Hemerocallis x 'Little Grapette'	Little Grapette Dwarf Daylily	1-Gal - Cont	6
19	HeSP		Heuchera x 'Sugar Plum'	Sugar Plum Coral Bells	1-Gal - Cont	6

- 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 as required 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.



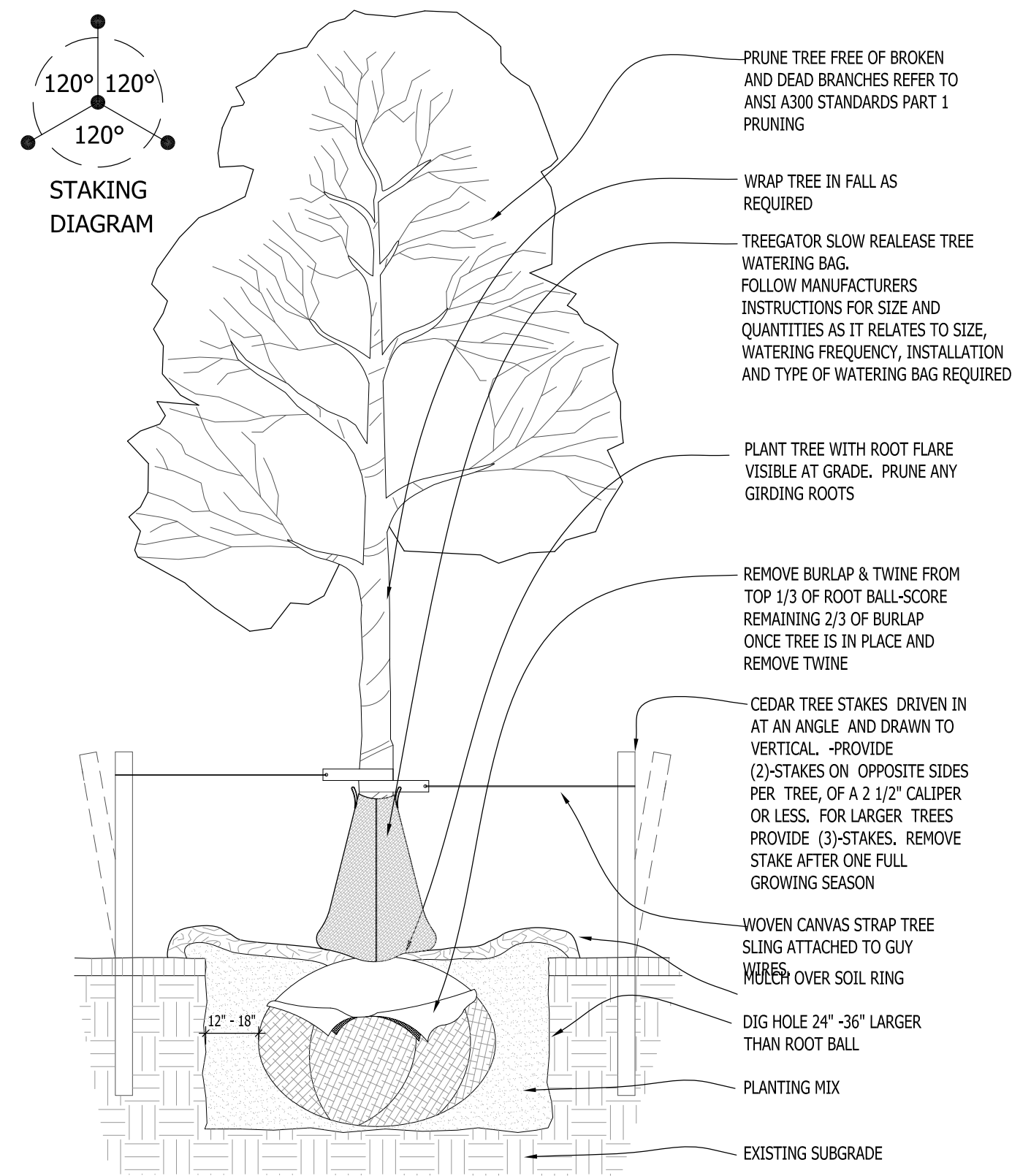
SCALE: 1" = 8'-0"

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

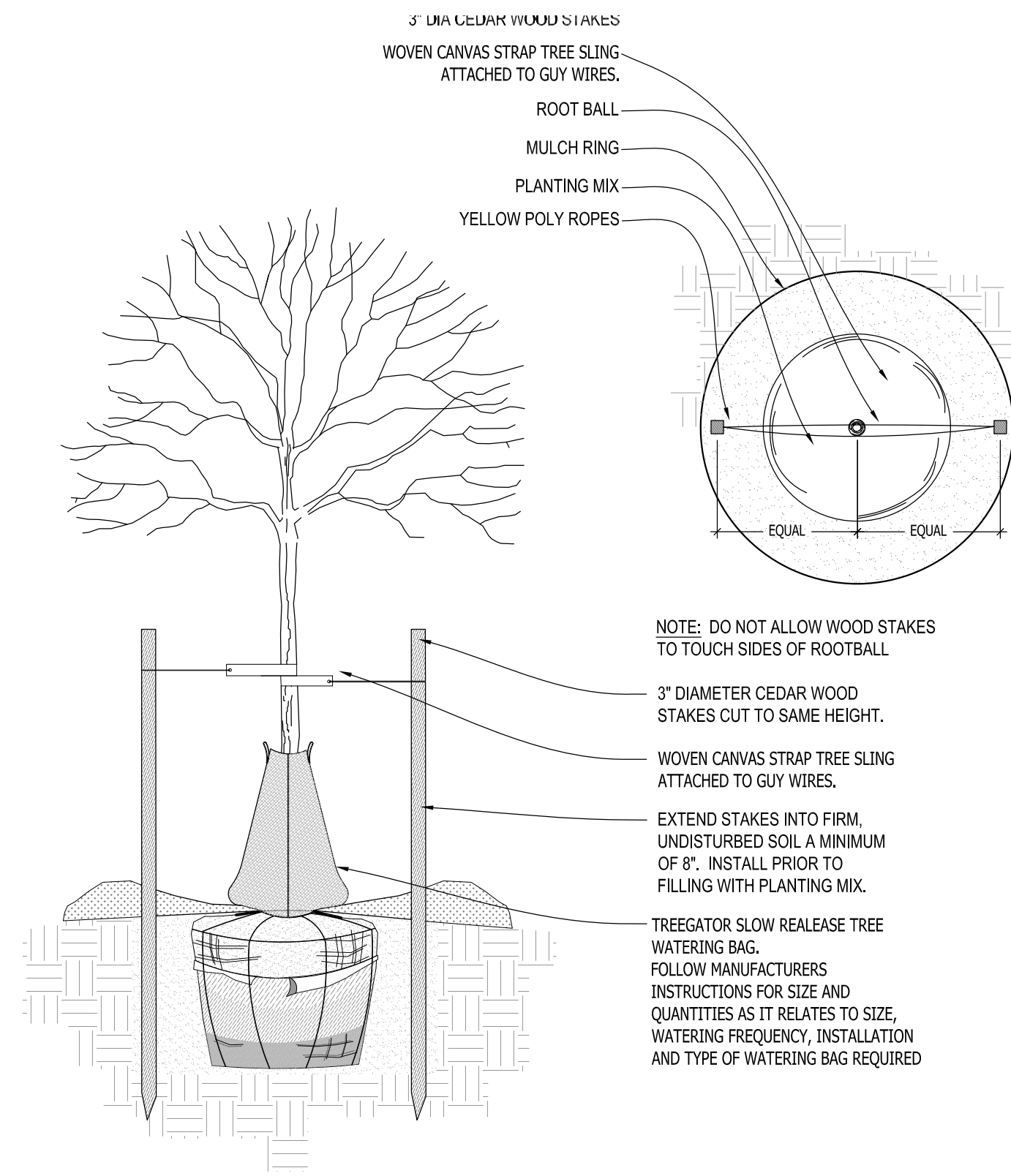
# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Landscape Plan

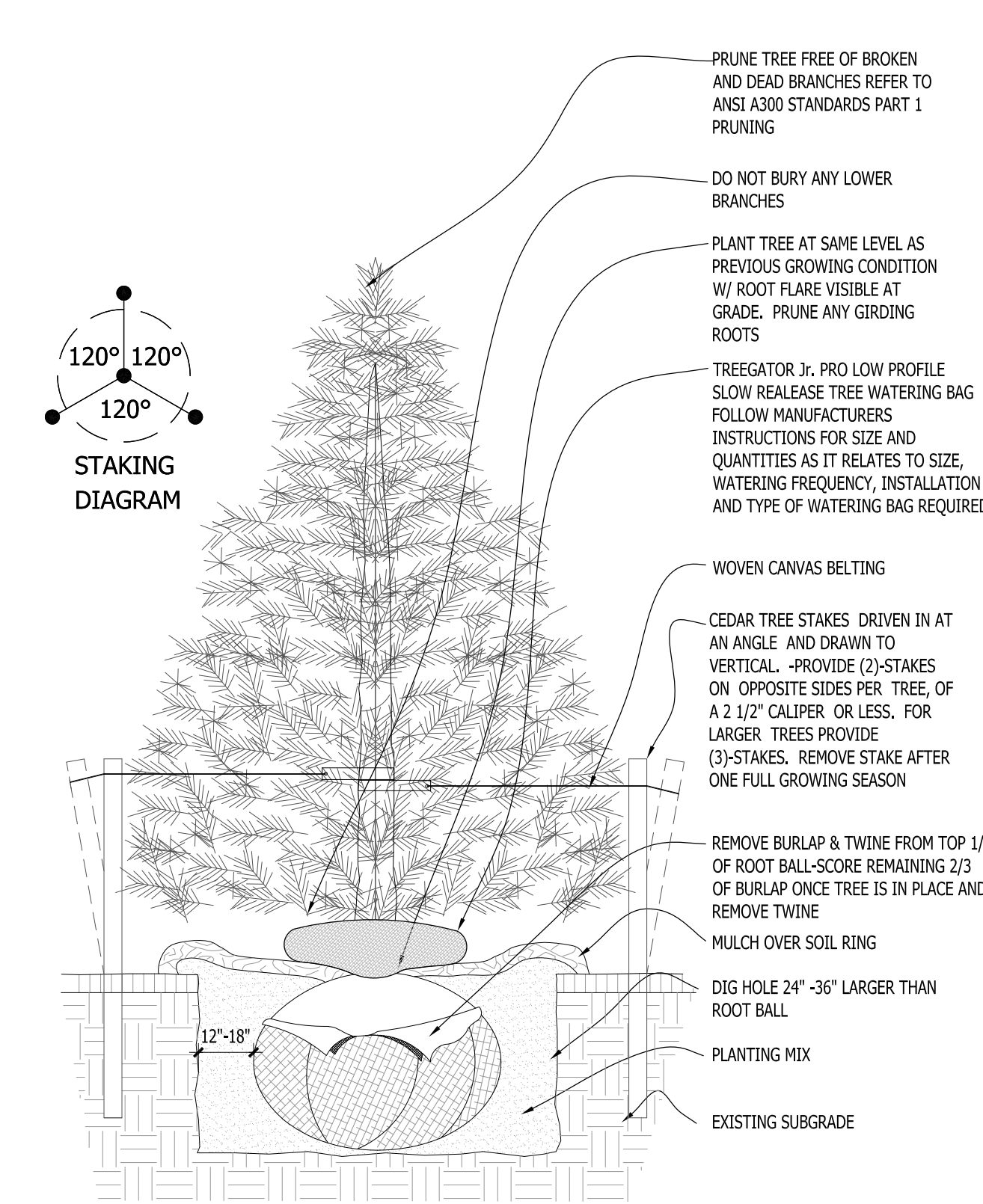
Schematic - Not for Construction



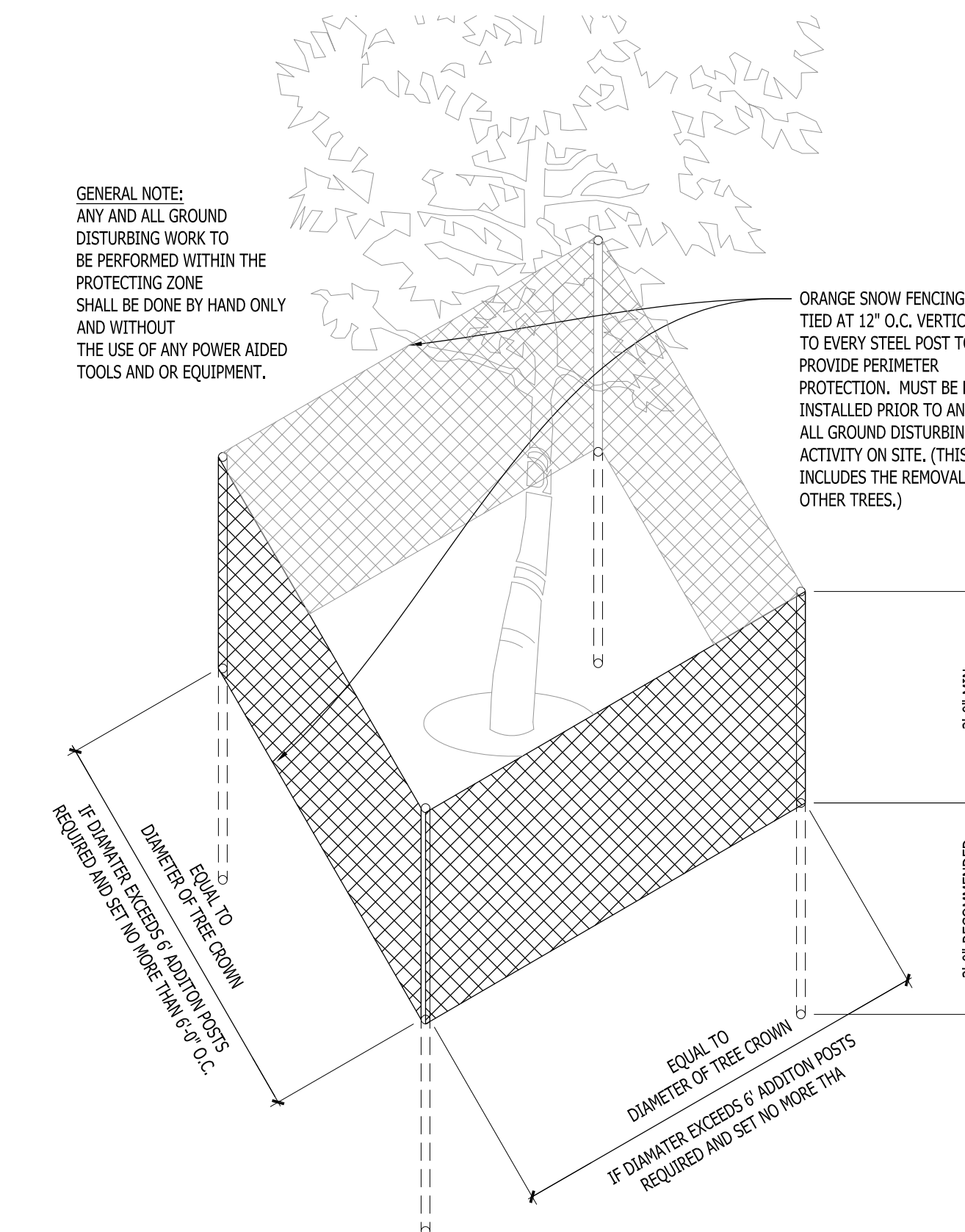
1 DECIDUOUS TREE PLANTING DETAIL SCALE: NONE



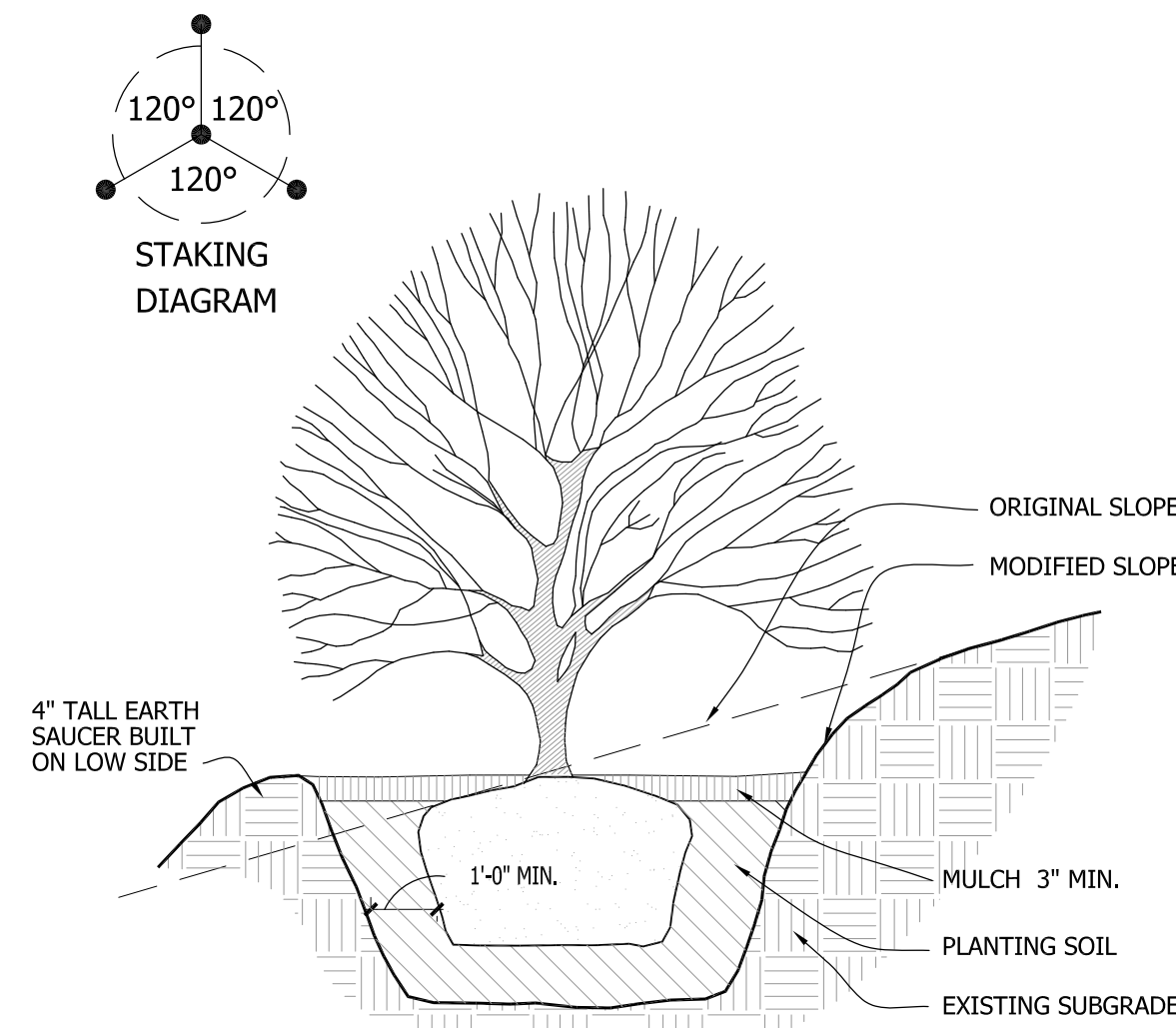
2 DECIDUOUS TREE STAKING PARKING ISLAND/RESTRICTED AREAS SCALE: NONE



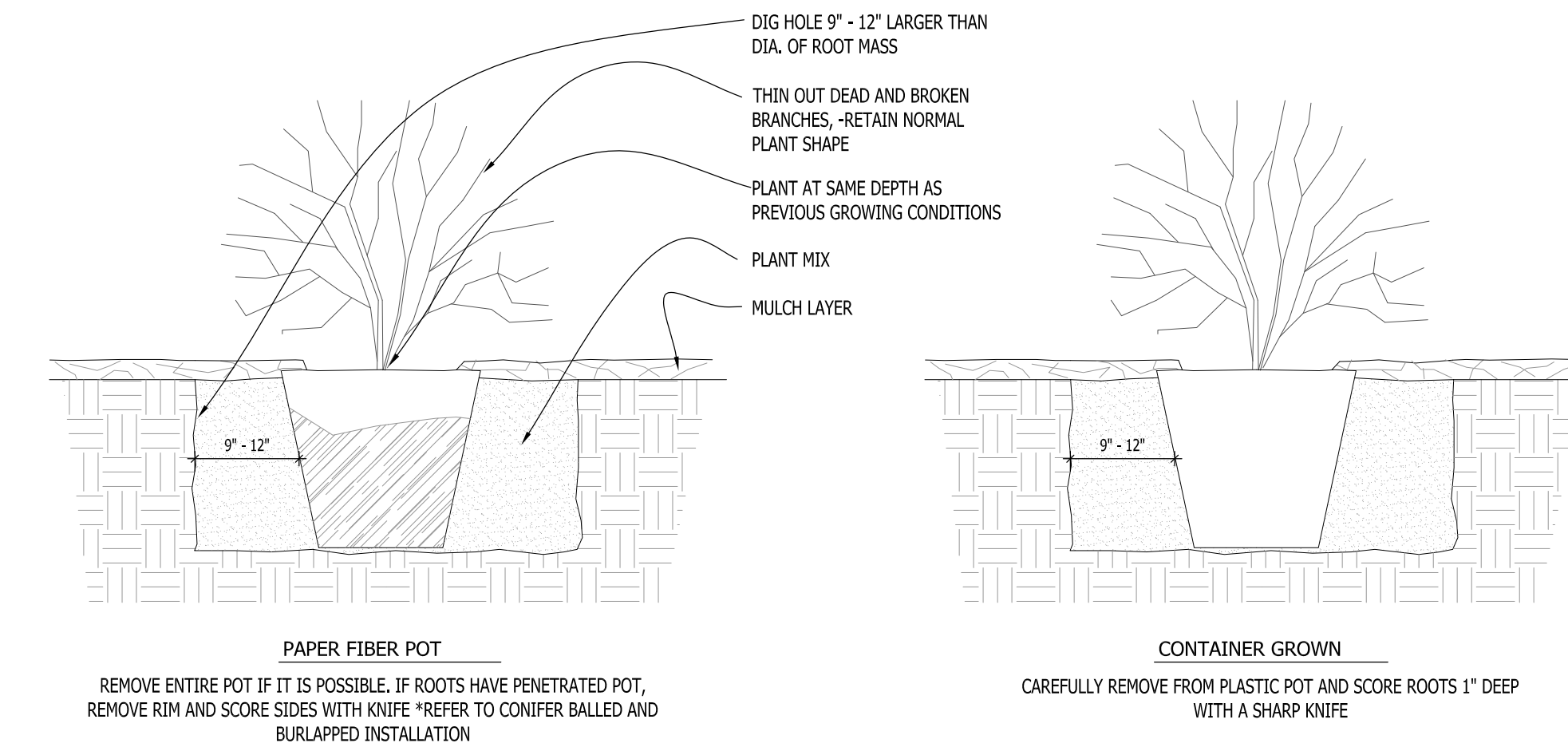
3 CONIFEROUS TREE PLANTING DETAIL SCALE: NONE



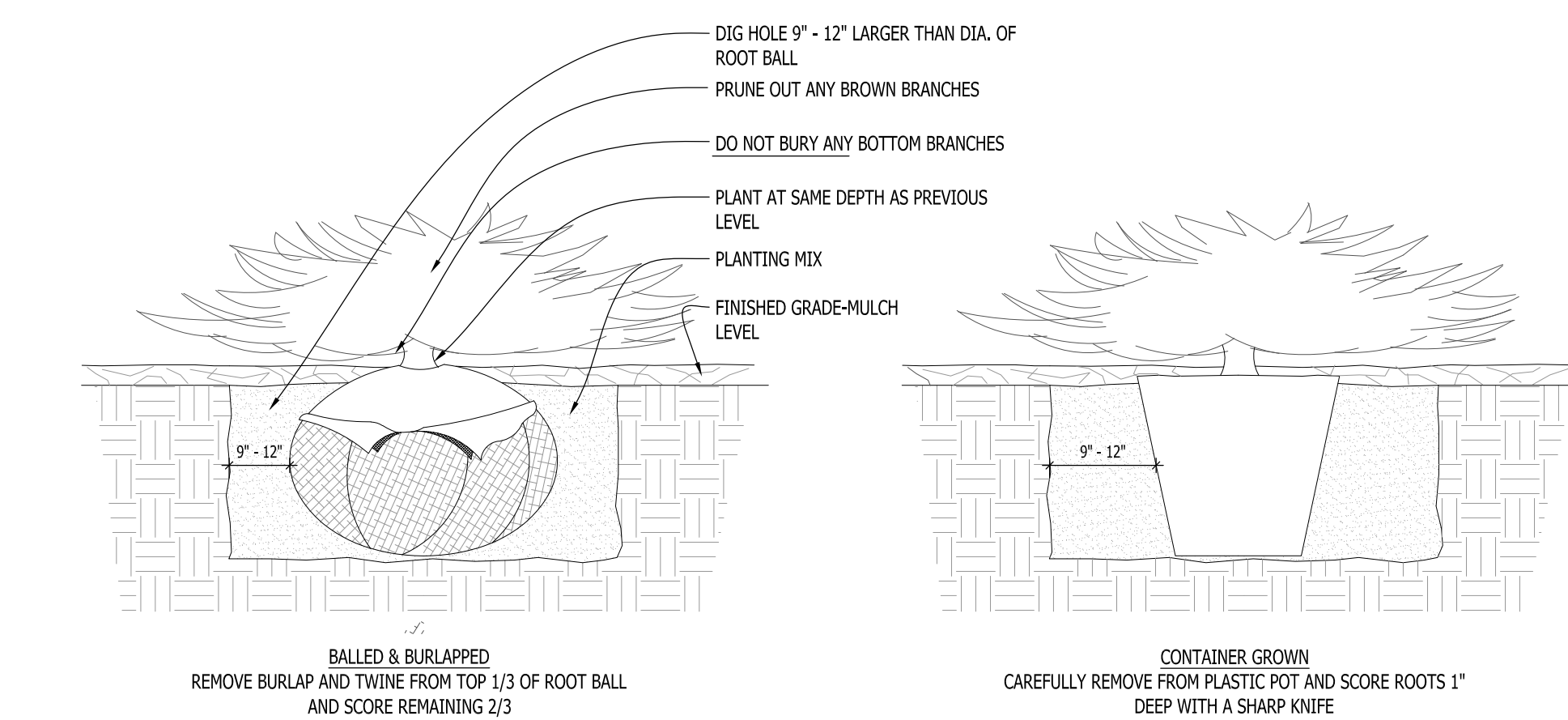
4 EXISTING TREE PROTECTION DETAIL SCALE: NONE



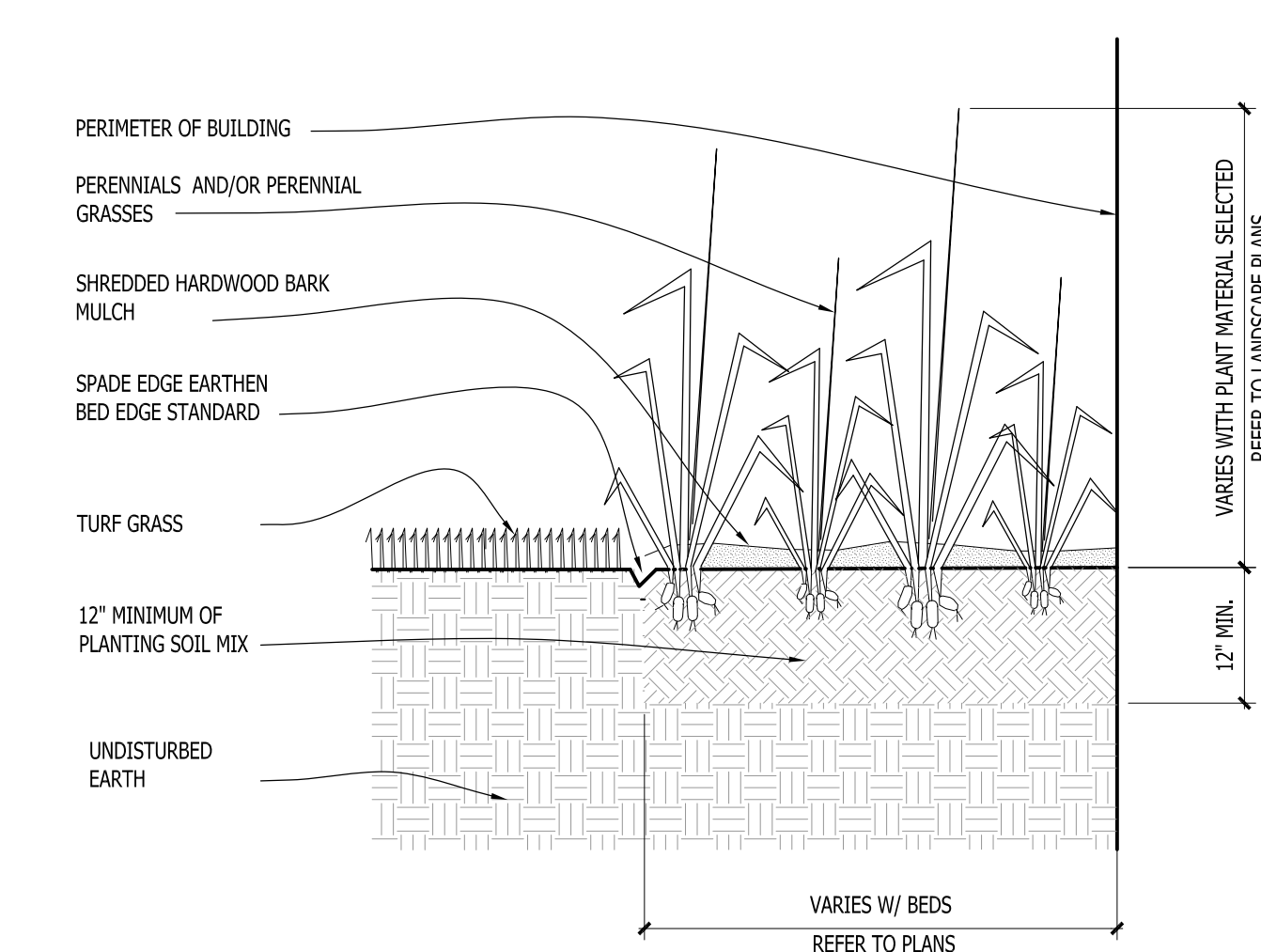
5 SLOPE PLANTING DETAIL SCALE: NONE



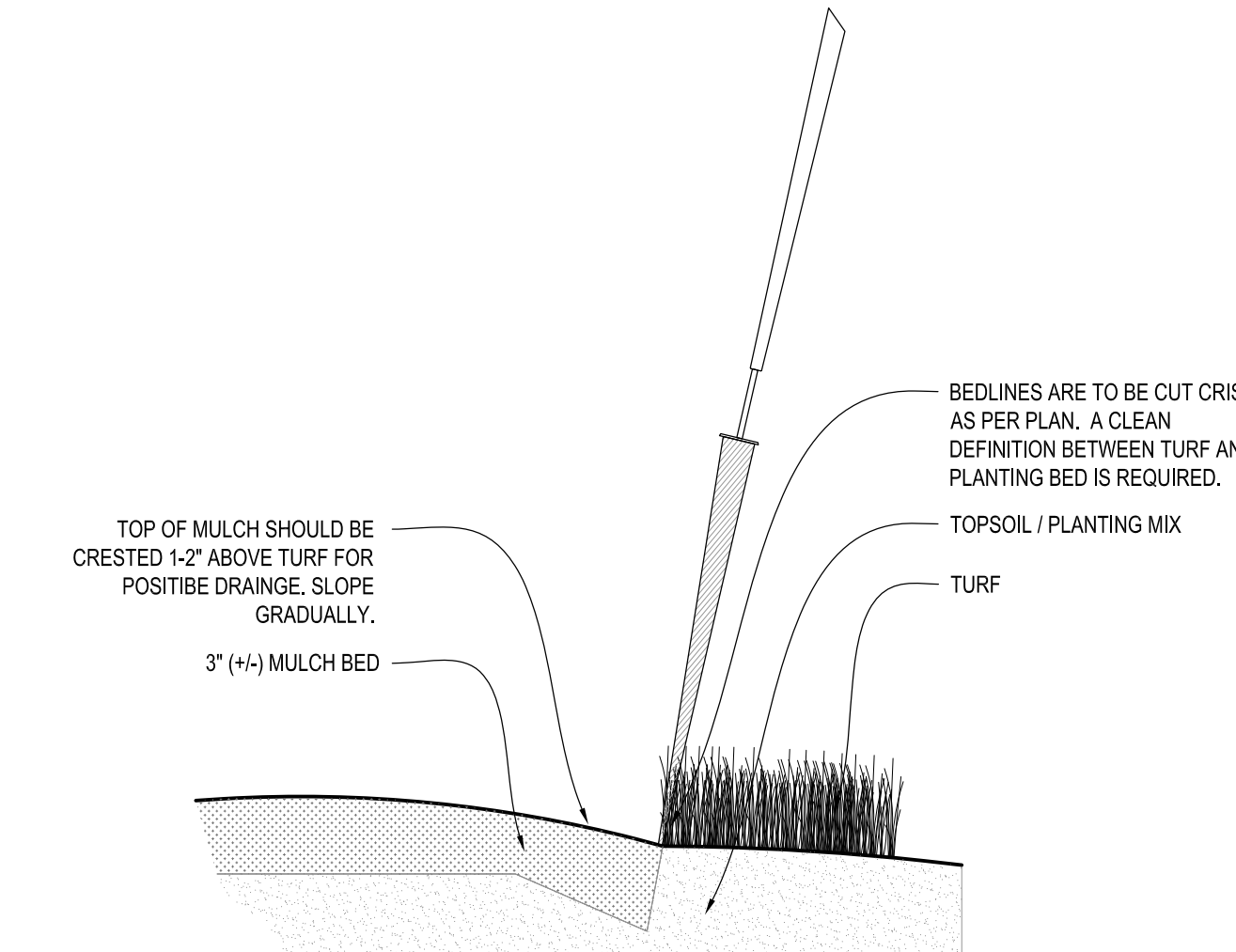
6 DECIDUOUS SHRUB PLANTING DETAIL SCALE: NONE



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

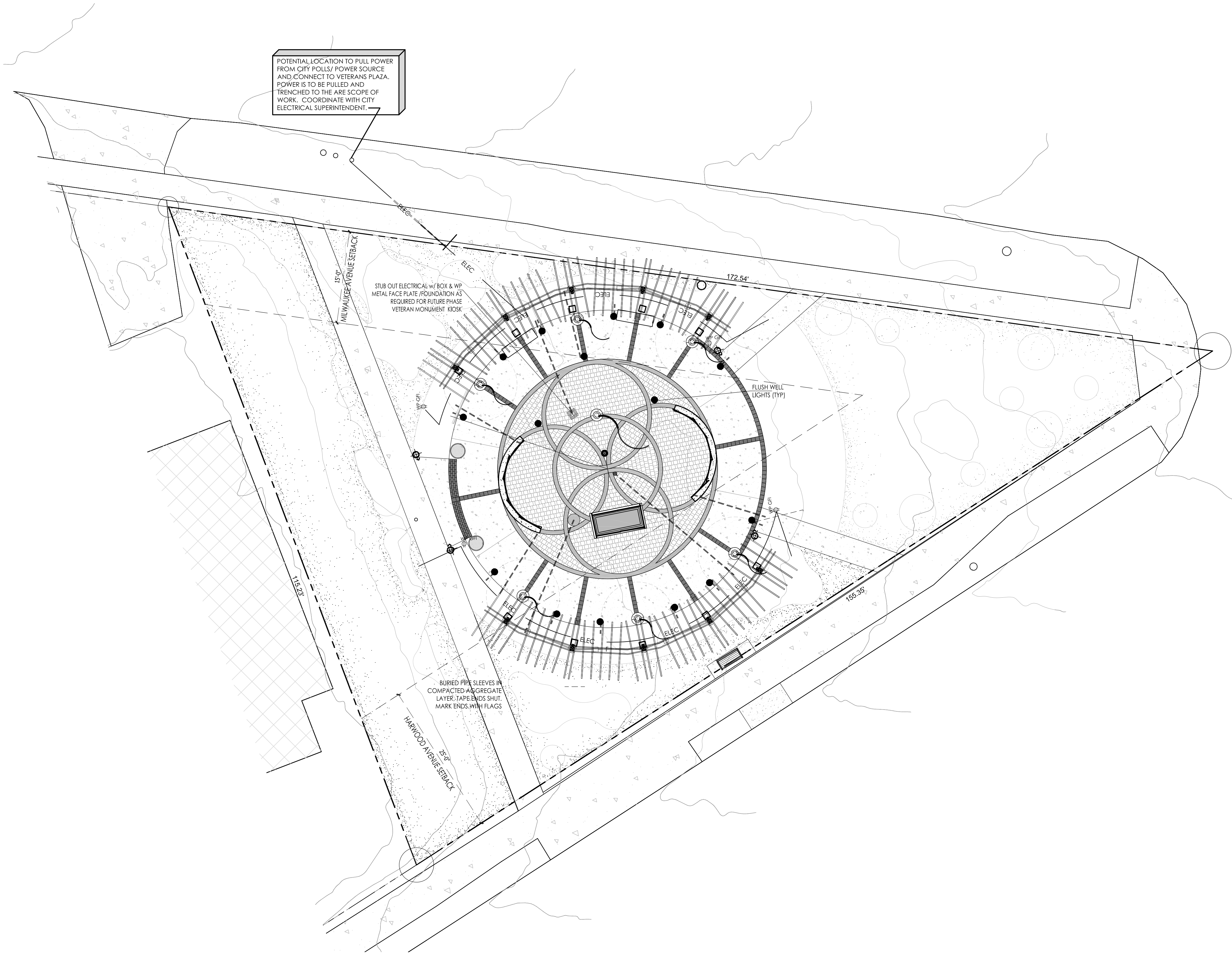
COPYRIGHT InSite Landscape Design Inc. 2020  
ALL RIGHTS RESERVED  
THIS DRAWING IS NOT TO BE REPRODUCED, CHANGED, COPIED OR ASSIGNED TO ANY THIRD PARTY IN ANY FORM OR MANNER WITHOUT FIRST OBTAINING THE EXPRESSED WRITTEN PERMISSION OF InSite Landscape Design, Inc. THE CLIENT AGREES TO INDEMNIFY AND HOLD 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**

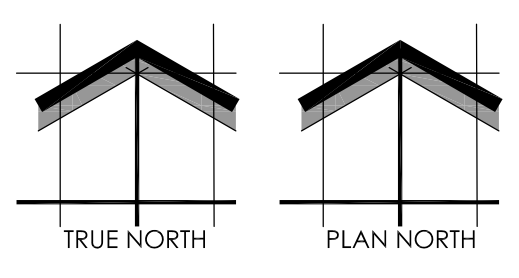
NOT FOR CONSTRUCTION - PRELIMINARY - FOR ESTIMATING AND REVIEW ONLY - DO NOT SCALE THESE DRAWINGS - These progress documents reflect progress & may be subject to change, including additional notes and detail. These are not final construction documents and should not be used for final bidding or construction-related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



LANDSCAPE LOW VOLTAGE LIGHTING SCHEDULE

Quantity	Code Name	Symbol	Description
1	Transformer		FX-LUMINAIRE LUXOR ZDC 300 WITH COLOR WATT TRANSFORMER W/ STAINLESS STEEL FINISH 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-LUMINAIRE 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-LUMINAIRE XN-70 GRANDE IN GRADE UP LIGHT W/ LUXOR TECHNOLOGY HI WIDE FLOOD LAMP & BRONZE METALLIC FINISH. REFER TO CUT SHEETS FOR FURTHER INFORMATION AND INSTALLATION INSTRUCTIONS.
10	NL NL-ZDC-UD-BZ		FX-LUMINAIRE 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-LUMINAIRE SRP-20-RGBW STRIP LIGHT W/ LUXOR TECHNOLOGY, 20'-4" 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 FX LUMINAIRE 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 15298LPRO 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.



SCALE: 1" = 8'-0"

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

**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

# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Wauwatosa Veteran Park Low Voltage Lighting Plan

*Schematic - Not for Construction*

# FXLuminaire

LED Lighting Controller



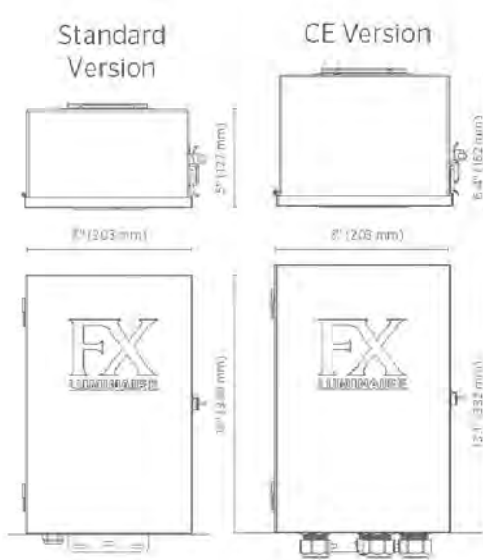
PROJECT: \_\_\_\_\_  
 CATALOG #: \_\_\_\_\_  
 TYPE: \_\_\_\_\_  
 NOTE: \_\_\_\_\_

## LUXOR® Controller

The Luxor Controller offers zoning, dimming, and RGBW color-changing capabilities, plus optional Wi-Fi control.

### Quick Facts

- 250 independent lighting zones in any wiring configuration
- Adjust intensity from 0-100%
- 30,000 color options per zone
- Event-based scheduling options
- Optional cloud-based iOS® or Android™ app control
- Luxor Linking compatible for a single point of control in larger installations
- Built-in astrometrical timing
- 304 stainless steel and powder-coated galvanized construction
- ETL and CE certified



LANDSCAPE & ARCHITECTURAL LIGHTING

## LUXOR Controller SPECIFICATIONS

Output	250 W	260 W (CE version)	300 W
Power	250 W	260 W (CE version)	300 W
Input Primary	220-240 V, 50-60 Hz	220-240 V, 50-60 Hz	120 V, 60 Hz
Input Amperage Primary	1.6 A	1.6 A	2.68 A
Output Voltage Secondary	14 VAC	14 VAC	14 VAC
Maximum Open Circuit Volts	15 VAC	15 VAC	15 VAC
Class	I SELV	I SELV	2
IP Rating	IP43	IP54	IP43

**FX Luminaire**  
 FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the advancement of LED technology and digital lighting control with zoning, dimming and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our exclusive professional distributor network.

**Materials**  
 304 stainless steel and powder-coated galvanized steel color body and bezel.

**Hardware**  
 Two pre-installed, marked mounting screws with plastic anchors. Stainless steel mounting brackets attached to transformer box.

**Wiring**  
 Heavy-gauge, grounded, water-resistant power cord with integrally molded plug, 5' (1.5 m) length. Standard low-voltage lighting wire required (e.g., 2, 2, 10-2, etc./2x0.5mm, 2.5mm, etc.) between controller and fixtures. No additional communication wire is required.

**Power**  
 Input: 120 VAC, 60 Hz  
 Input: 220-240 V, 50-60 Hz (230 V/CE version)

**Ambient Operating Temperature**  
 32° to 104°F (0°C to 40°C)

**Programming**  
 Create up to 250 independently adjustable lighting zones. Control each zone independently with separate on/off times, various intensities (0-100% in 1% increments).

**Luxor Linking**  
 Luxor Linking offers an easy way to expand a multi-controller site with a single point of control.

**Compatible Devices**  
 Only fixtures or devices with Luxor® technology are compatible with the Luxor Controller. Devices have varying levels of control, including: 0 zoning, 0/2 zoning/dimming, or 3 zoning/dimming/color. All and match fixtures and devices with varying levels of control technology on a single system.

**Fixture Assignment**  
 Assign fixtures to zone number manually (assignment ports on facepack) or wirelessly via the Light Assignment Module (LAM). The LAM and receiver accessories must be specified separately.

**Wi-Fi Connectivity**  
 Connect to Wi-Fi for a network router with the Luxor Wi-Fi Module accessory or the included LAN Module. Optional "Direct Connect" mode allows devices to connect directly to a single controller without using Wi-Fi or a network router.

**Communication**  
 Pre-installed 8" (203mm) RJ-11 communication cable between facepack (i.e., user interface) and chassis (i.e., power unit).

**Wireless App Control**  
 Network module required. The Luxor App is available for iOS and Android devices. Control via app available for on-site or remote adjustability.

**Finish**  
 Standard stainless steel finish and matt gray powder coat.

**Weight**  
 300 W: 23.3 lb (10.6 kg)  
 300 W (CE): 9.1 lb (4.1 kg)

**Installation Requirements**  
 Designed for installation on a vertical surface in the upright position only. Transformer must be in a free space; do not install in a small sealed enclosure or direct bury.

**International Compliance**  
 Compliant per IEC 61347-1 and IEC 60529-1.

**Sustainability**  
 Innovation meets conservation in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light of optimal energy efficiency, lifespan, and durability.

**Manufacturing**  
 ISO 9001:2015 certified facility

**Warranty**  
 10-year limited warranty

**Listings**

## LUXOR Controller ORDERING INFORMATION

Item	Wattage	Compliance	Finish
LUX Luxor Controller	300	[default] 120 V, North America	SS Stainless Steel
LSAT Luxor Satellite Controller	300	230 V, International	M Matte Gray

EXAMPLE CONTROLLER CONFIGURATION: LUXOR-300-120V-SS

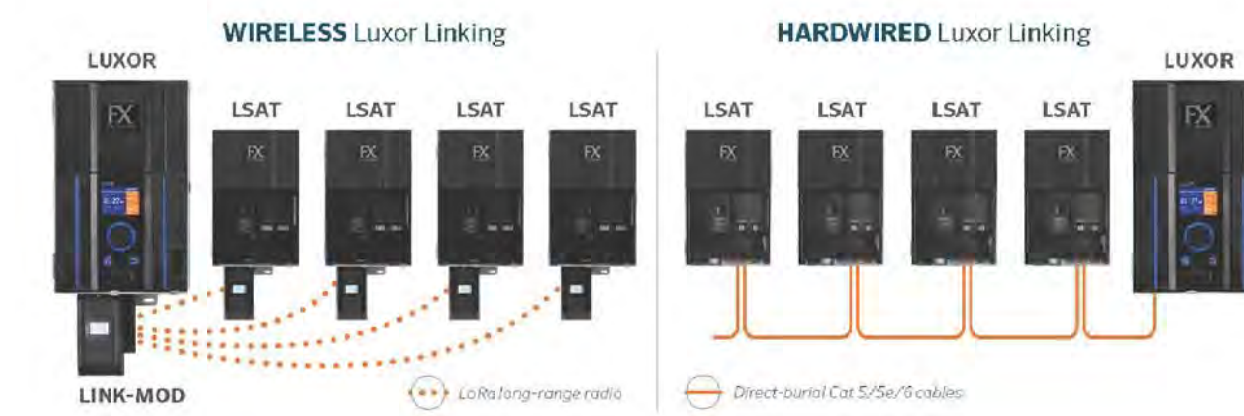
### WIRELESS CONTROLLER ACCESSORIES: Specify Separately

Item	Code
Wi-Fi MODULE	WIFI-MOD2
Wi-Fi MODULE REMOTE MOUNT 10' (3 m)	WIFI-MOD2-RMT
LIGHT ASSIGNMENT MODULE	LAM
WIRELESS LINKING MODULE, NORTH AMERICA	LINK-MOD
WIRELESS LINKING MODULE, INTERNATIONAL	LINK-MOD-E

Learn more. Visit [fx.com](http://fx.com) | +1-760-744-5240

## LUXOR Controller LINKING COMPARISON

FEATURES	Wireless Luxor Linking	Hardwired Luxor Linking
Communication	LoRa radio (wireless)	Network cable (Cat 5/5e/6)
Distance	Up to 3,000' or 914 m	3,000' or 914 m (installed wire)
Number of Linked Controllers	10+	Up to 10
Installation	Mount at controller or remote	Direct-bury Cat 5/5e/6 cable and conduit
Diagnostics	Yes (unique IDs)	Yes (variable)



LoRa is a trademark or registered trademark of Semtech in the U.S. and other countries and is used under license. Android is a trademark of Google LLC. The Luxor Mark is a trademark of InSite Landscape Design, Inc. The Luxor® mark is a registered trademark of InSite Landscape Design, Inc. and any use of such technology without our prior written consent is prohibited. © 2022 InSite Landscape Design, Inc. All other trademarks are property of their respective owners, registered in the U.S. and other countries.

Learn more. Visit [fx.com](http://fx.com) | +1-760-744-5240

# 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](http://www.insitedesigninc.com)  
[mdavis@insitedesigninc.com](mailto: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 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:

# LGT1-2

## 1 FX LUMINAIRE LUXOR CONTROLLER



The innovative construction of SRP Strip Lights vastly simplifies installation — even if you've never done it before.

### Key Benefits

- Extruded silicone body reduces hot spots, produces soft light distribution and protects against harsh environments
- Silicone-encased LEDs deliver a soft, diffused light distribution for top performance in a range of applications
- A high IP65 rating ensures dust-proof and water-resistant performance



## SRP WHITE Strip Light

Highly versatile SRP Strip Lights make it easier than ever to illuminate stair ledges, outdoor patios, hardscape elements, and more.

### Features

- 12 VAC power ensures compatibility with any low-voltage lighting transformer
- Two color temperature options offer a warm (2,700K) or soft (3,000K) look
- 10' (3.1 m) and 40' (12.2 m) lengths
- Pre-installed 10' (3.1 m) power lead
- Compatible with Luxor® Low-Voltage CUBE (LCM-LV) for zoning and dimming capabilities

### Output

- Total Lumens: 28.7 lm/ft (94.6 lm/m)
- Input Voltage: 10 to 15 V
- Input Power: 0.6 W/ft (2.1 W/m)
- VA: 0.7 W/ft (2.2 W/m)

### SRP WHITE STRIP LIGHT MODELS

Model	Description
SRP-10-W	2,700K, 10' (3.1 m)
SRP-10-S	3,000K, 10' (3.1 m)
SRP-40-W	2,700K, 40' (12.2 m)
SRP-40-S	3,000K, 40' (12.2 m)



## SRP RGBW Strip Light

Endless opportunities to color your world! When installed with the SRP-CC Color Controller, the SRP RGBW Strip Light is compatible with the next-generation Luxor Controller from FX Luminaire or any traditional low-voltage transformer for unmatched color-changing effects.

### Features

- Same award-winning design as SRP White (install, construction, etc.)
- 12 VAC power ensures compatibility with any low-voltage lighting transformer
- Total RGBW control; SRP-CC Strip Light Color Controller required
- Two convenient control options: Standalone or Luxor Mode
- Luxor Mode allows a Luxor Controller to assign a Group and set Hue, Saturation, and Intensity values
- Standalone Mode can be used with our EX, PX, and DX models as well as any standard low-voltage transformer, allowing you to manually set Hue, Saturation, and Intensity values

### Output

- Total Lumens: 24.3 lm/ft (80.0 lm/m)
- Input Voltage: 10 to 15 V
- Input Power: 1.7 W/ft (5.6 W/m)
- VA: 2.9 W/ft (9.6 W/m)

### SRP RGBW STRIP LIGHT MODELS

Model	Description
SRP-RGBW	SRP RGBW Strip Light, 10' (3.1 m)
SRP-CC	Strip Light Color Controller

### Luxor Mode



### Standalone Mode



## SIMPLY insert, slide, and snap!

All necessary installation components come standard, so there's no need to purchase expensive accessories to complete a job. Each unit includes 2" (51mm) cutmarks for precision customization. A pre-installed 10' (3 m) power lead, splice connectors, end caps, and all necessary accessories are included too.



### SRP STRIP LIGHT ACCESSORIES

Model	Description
SRP-CHN	Aluminum Mounting Channel (2-pkg)
SRP-MNT	Hardscape Mount
SRP-CONNECT*	Accessory/Connector Bag
SRP-CONNECT-RGBW**	Accessory/Connector Bag RGBW
SRP-CUT	SRP Cutting Tool

\*Includes 3" (76 mm) jumper cable (1), 6" (152 mm) jumper cable (1), splice and connector (C), and power leads (C)  
 \*\*Includes 3" (76 mm) jumper cable (1), 6" (152 mm) jumper cable (1), splice and connector (C), and power leads (C)

Website [fx.com](http://fx.com) | Customer Support +1-760-744-5240 | Technical Service +1-760-591-7383

Our mission is to create the most energy-efficient lighting products in the world while ensuring the highest level of quality and reliability. In every instance we will back our innovations with the unwavering support our customers need to succeed.

*Ray Smith*  
 Ray Smith, President, Landscape Irrigation and Outdoor Lighting

©2022 InSite Landscape Design, Inc. All rights reserved. All other trademarks are property of their respective owners. Registered in the U.S. and other countries.

FX20 28 US 7/22

## 2 FX LUMINAIRE SRP RGBW STRIP LIGHT

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 - WAUWATOSA VETERANS MEMORIAL PLAZA - 04/09/2026

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 Board 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 & 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.

## 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 result 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 10 | Generated 28 Jun 2023 13:49:30

## FXLuminaire

### XN-70 Grande In-Grade SPECIFICATIONS

Output	H1*	ZDC**
Total Lumens (lm)	1,030	1,031
Input Voltage	10 to 15 V	11 to 15 V
Input Power (W)	3.0	2.8
Power Consumption (VA)	35.0	25.0
Efficacy (lm/W)	34	37
Color Rendering Index (CRI)	84	-
Maximum Candela (cd)	-	-
Spot (20°)	3,042	-
Flood (40°)	1,278	1,549
Wide Flood (60°)	461	-

**Dimming**  
 Default: Zoning  
 ZD Option: Zoning/Dimming  
 ZDC Option: Zoning/Dimming/Color

**Minimum Rated Life (L50)**  
 72,000 hrs | 52,000 hrs

\*Measured using the 5,000K CCT option with a Flood (40°) beam angle. See spec files for additional photometric data.  
 \*\*Measured with all four corner luminaires at 100%

LANDSCAPE AND ARCHITECTURAL LIGHTING | Learn more. Visit: fxl.com | +1 760.744.5240

2 of 10 | Generated 28 Jun 2023 13:49:30

## FXLuminaire

### NL Down & Up/Down Light DESIGNER PREMIUM



PROJECT	
CATALOG #	
TYPE	
NOTES	

Wall-mounted, geometric square down light or up/down sconce 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 features
- 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 9 | Generated 20 Apr 2025 12:05:46

## FXLuminaire

### NL Down & Up/Down Light SPECIFICATIONS

	Power: 3LED	6LED	9LED	ZDC
Total Lumens (lm)*	330	375	440	463
Power Consumption (VA)	4.5	4.5	9.3	12.7
Efficacy (lm/W)	83	87	82	79
Correlated Color Temperature (CCT)	2700K	2700K	2700K	3000K
Color Rendering Index (CRI)	84+	-	84+	85+
Beam Angle	60°	60°	60°	60°
Maximum Candela (cd)	350	400	3,032	2,276
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	50,000	72,000	55,000

	Power: 3LED	6LED	9LED	ZDC
Total Lumens (lm)*	558	1,100	1,733	1993.189
Power Consumption (VA)	9.0	18.6	24.6	32.0
Efficacy (lm/W)	73	59	50	36
Correlated Color Temperature (CCT)	2700K	2700K	2700K	3000K
Color Rendering Index (CRI)	84+	84+	84+	85+
Beam Angle	60°	60°	60°	60°
Maximum Candela (cd)	975	3,023	2,276	333
Input Voltage (V)	10 to 15V	10 to 15V	10 to 15V	11 to 15V
Dimming	Luxor, Phase**	Luxor, Phase**	Luxor, Phase**	Luxor
Minimum Rated Life (L70) (hrs)	72,000	72,000	72,000	55,000

\*Full beam angle collected using 2700K and a 30° light beam  
 \*\*For optimal performance, use a 100V bridge, 100V dimmer

LANDSCAPE AND ARCHITECTURAL LIGHTING | Learn more. Visit: fxl.com | +1 760.744.5240

2 of 9 | Generated 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 FX LUMINAIRE M-PK PATH LIGHT

## FXLuminaire

### M-PK Path Light SPECIFICATIONS

Lamp	1 LED	3LED	ZDC
Total Lumens*	67	152	181
Input Voltage	10 to 15V	10 to 15V	11 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	80	143	74
Dimming	PWM, Phase	PWM, Phase	-
RGBW Available	No	No	Yes

**Dimming**  
 Default: Zoning  
 ZD Option: Zoning/Dimming  
 ZDC Option: Zoning/Dimming/Color

**Minimum Rated Life (L50/B50)**  
 55,000 hrs | 55,000 hrs | 55,000 hrs

\*Measured using the 3,000K CCT with Multiplier for other CCTs (note: 0.80 (2,700K), 0.65 (4,500K) and 0.65 (5,200K))

**FX Luminaire**  
 FX Luminaire is an industry-leading manufacturer of landscape and architectural lighting products with a focus on the application of LED technology and digital lighting control with zoning, dimming, and color adjustment capabilities. We offer a full spectrum of specification-driven lighting fixtures that can be utilized to create elegant, cutting-edge landscape lighting systems for commercial or residential applications. Our products are available exclusively via our extensive professional distributor network.

**Lamp**  
 Integrated module with Cree LED's. Die-cast aluminum body with maximum resistance. Proprietary optical intelligent driver uses firmware-controlled temperature regulation, maximizing LED life. Field-upgradeable and replaceable (the LED's are rated to 55,000 hrs. Maximum drive current: 1 A).

**Socket**  
 Socket contains MoistureBlock® technology, preventing moisture from providing up to 50% sealed areas of the fixture.

**Optics**  
 Polycarbonate optical temperature adjustment lenses included with Luminaire, 2,500K (standard), 3,000K (opt. lens), 4,500K, and 5,200K. Phenomenon is calculated using LM-79 method for SLL fixtures.

**Power**  
 Input: 0-15 VAC/VDC, 50/60 Hz. Remote transformer required (safety required).

**Wiring**  
 18 AWG (1 mm²) SP-15W, 200 FT (60 m), 300V, 10 (3.3 m) length.

**Housing**  
 Die-cast A380 aluminum body with options for 1LED, 3LED, or ZDC. Integrated LEDs.

**Lens**  
 UV-stabilized acrylic lens with shock resistance and high tolerance for thermal expansion and stress.

**Finish**  
 Two-layer protection of surface acid anodization and powder coat providing superior outdoor weathering in all conditions. Tested to ASTM standards.

**Sustainability**  
 Innovation meets consideration in the design and manufacturing of our products. Where we can, we use recycled materials while maintaining superior functionality. Our LED products provide high-quality light at optimal energy efficiency, lifespan, and durability.

**Installation Requirements**  
 Designed for installation in the down/up lighting direction only.

**International Compliance**  
 Compliant per IEC 60598-2-21 (tableting "a" option in parts order).

**Warranty**  
 10-year limited warranty.

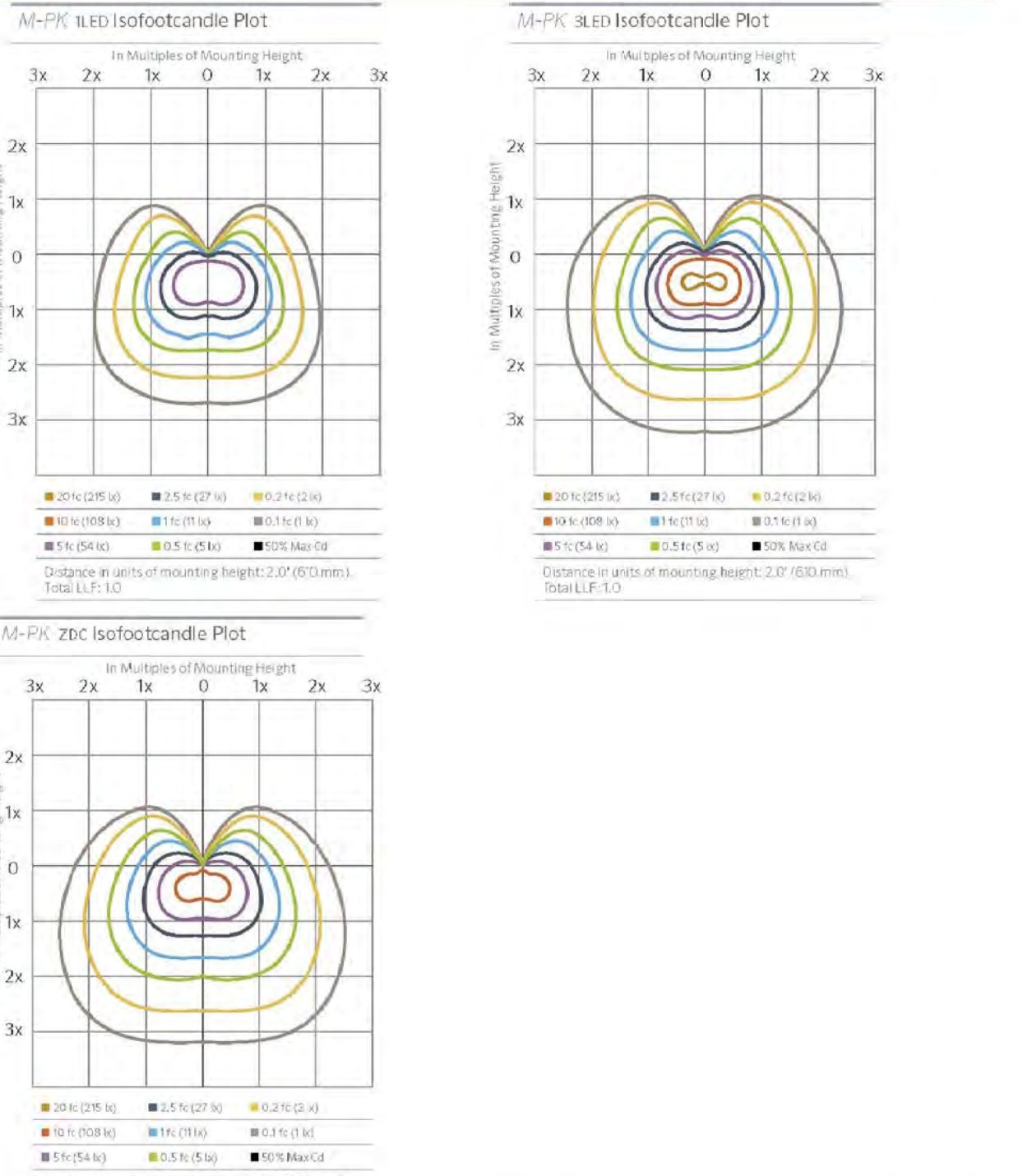
**Listing**  
 ETL, UL, IES, ICES, CE, RoHS, IP 65

LANDSCAPE AND ARCHITECTURAL LIGHTING | Learn more. Visit: fxl.com | +1 760.744.5240

2 FX LUMINAIRE NL DOWN LIGHT

## FXLuminaire

### M-PK Path Light PHOTOMETRICS



M-PK 1LED Isofootcandle Plot  
 In Multiples of Mounting Height  
 3x 2x 1x 0 1x 2x 3x

M-PK 3LED Isofootcandle Plot  
 In Multiples of Mounting Height  
 3x 2x 1x 0 1x 2x 3x

M-PK ZDC Isofootcandle Plot  
 In Multiples of Mounting Height  
 3x 2x 1x 0 1x 2x 3x

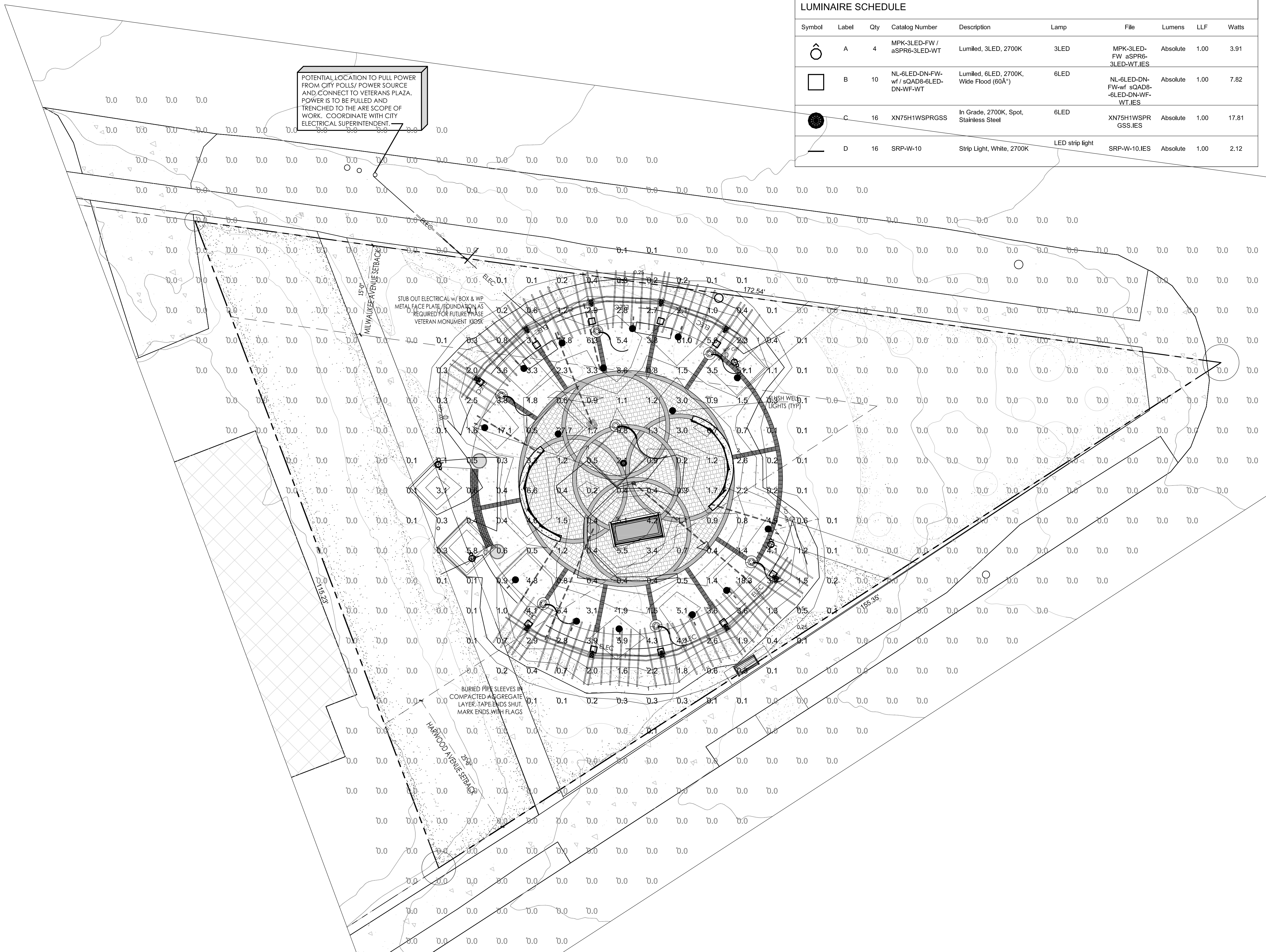
Legend:  
 20% (2.0 f.c.) | 15% (1.5 f.c.) | 10% (1.0 f.c.) | 5% (0.5 f.c.)  
 30% (3.0 f.c.) | 25% (2.5 f.c.) | 20% (2.0 f.c.) | 15% (1.5 f.c.) | 10% (1.0 f.c.) | 5% (0.5 f.c.)

Distance in units of mounting height: 2.07 (65.0 mm), Total LFL: 1.0

Created by registered trademark of Cree Inc. MoistureBlock is a trademark of OSMEET Co. Inc. © 2019 Hunter Industries Inc. Hunter, FX Luminaire, all related logos, and all other trademarks are property of Hunter Industries, registered in the U.S. and other countries.

LANDSCAPE AND ARCHITECTURAL LIGHTING | Learn more. Visit: fxl.com | +1 760.744.5240

FX-23-025-DESIGNER-PATH-LIGHT-3 1/19



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 (60°)	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 CONTRACTOR.
  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 IESNA FULL CUTOFF HOUSE SIDE SHIELDING WHERE REQUIRED.
  2. ALL NEW CONCRETE LIGHT POLE BASES ARE TO HAVE ALL EXPOSED 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 HORIZ) AND NO LIGHT SHALL TRESPASS ACROSS PARCEL BOUNDARIES INTO ADJACENT LOTS, 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 ILLUMINATION 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.

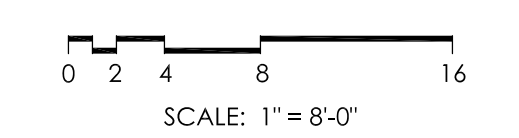
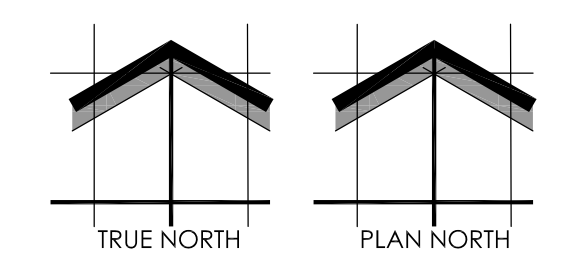
CONTRACTOR SHALL REVIEW ALL THE LUMINAIRE CUT SHEETS INCLUDING THE DESCRIPTION, INSTALLATION AND CATALOG NUMBER. CONTRACTOR SHALL NOTIFY THE OWNER/DESIGNER OF ANY DISCREPANCIES

VERIFY ALL FINISHES/COLORS OF FIXTURES AND ACCESSORIES WITH DESIGNER PRIOR TO ORDERING.

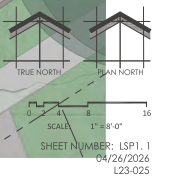
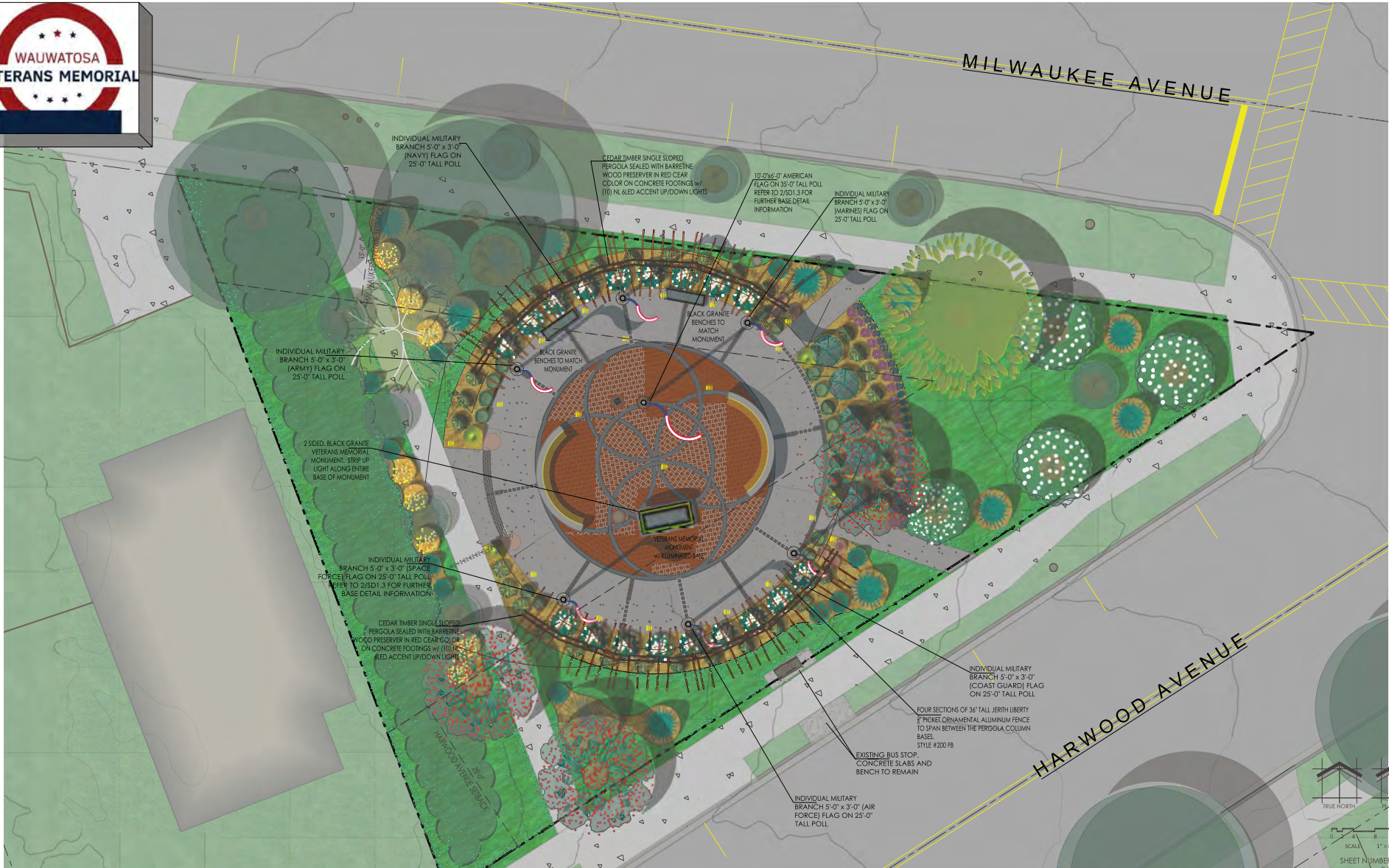
ELECTRICAL CONTRACTOR TO PERFORM ALL WORK IN ACCORDANCE WITH APPLICABLE BUILDING/ENERGY CODES AND ALL OTHER CODES THAT HAVE AUTHORITY OVER THIS PROJECT.

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



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



**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

# WAUWATOSA VETERANS MEMORIAL PLAZA - WAUWATOSA, WI

## Proposed Wauwatosa Veteran Park Site Plan

Schematic - Not for Construction

SHEET NUMBER: LSP1\_1  
 04/26/2026  
 L23-025

