

CREMATION GARDEN RIVERSIDE CEMETERY

73 SMITH STREET YARMOUTH, MAINE 04096

GENERAL NOTES

1. ALL WORK SHALL CONFORM TO THE APPLICABLE CODES AND ORDINANCES. 2. CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE HIM OR HERSELF WITH ALL CONDITIONS AFFECTING THE SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.

ARCHITECT

DIRECTED BY DESIGN DRAWINGS.

PROTECTION, LATEST EDITION.

LOCATION OF ALL UTILITIES.

ACCORDANCE WITH EROSION CONTROL NOTES AND AS SPECIFIED ON PLANS.

OR NOT SPECIFIED ON THE DRAWINGS.

AND JUDGMENT OF THE LANDSCAPE ARCHITECT. OWNER.

ALL PHASES OF CONSTRUCTION.

NOT AUTHORIZED BY THE ARCHITECT/ENGINEER AND/OR CLIENT/OWNER.

AND LEAVE THE PROJECT AREA NEAT AND PRESENTABLE.

CONSTRUCTION AREA.

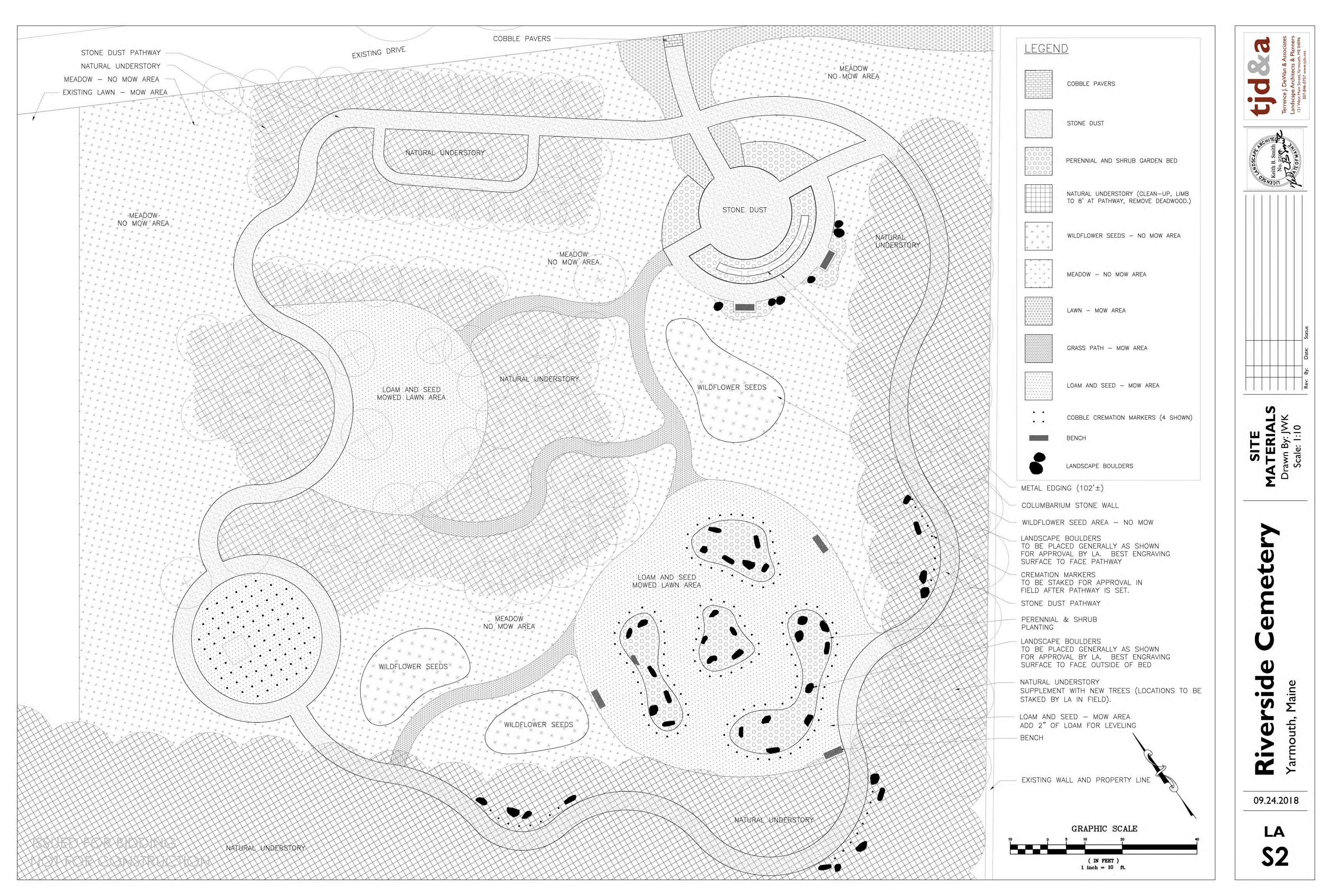
DRAWING INDEX

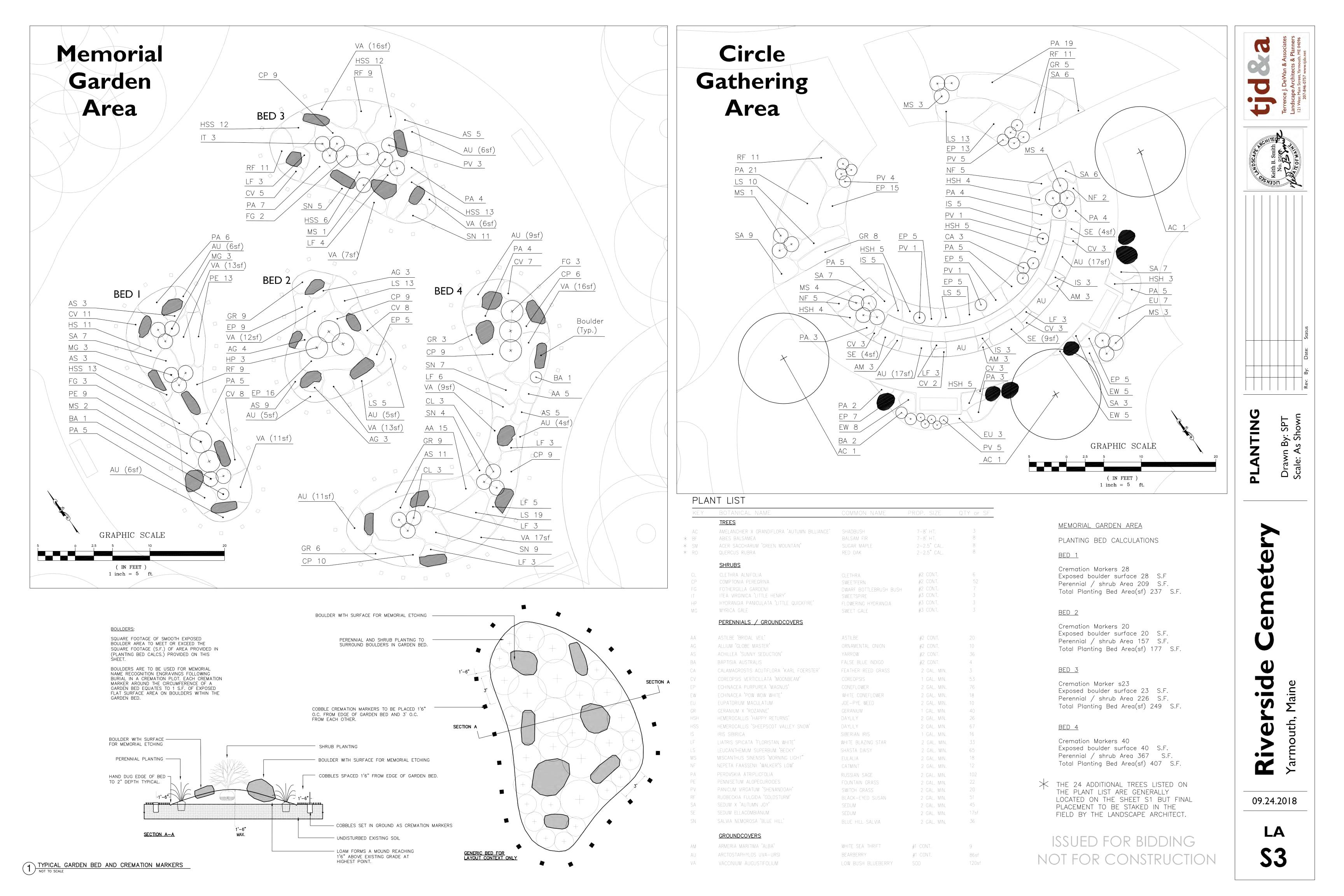
- S0 COVER SHEET S1 - SITE LAYOUT S2 - SITE MATERIALS S3 - PLANTING S4 - DETAILS S5 - COLUMBARIUM WALL S6 - NOTES & SPECS

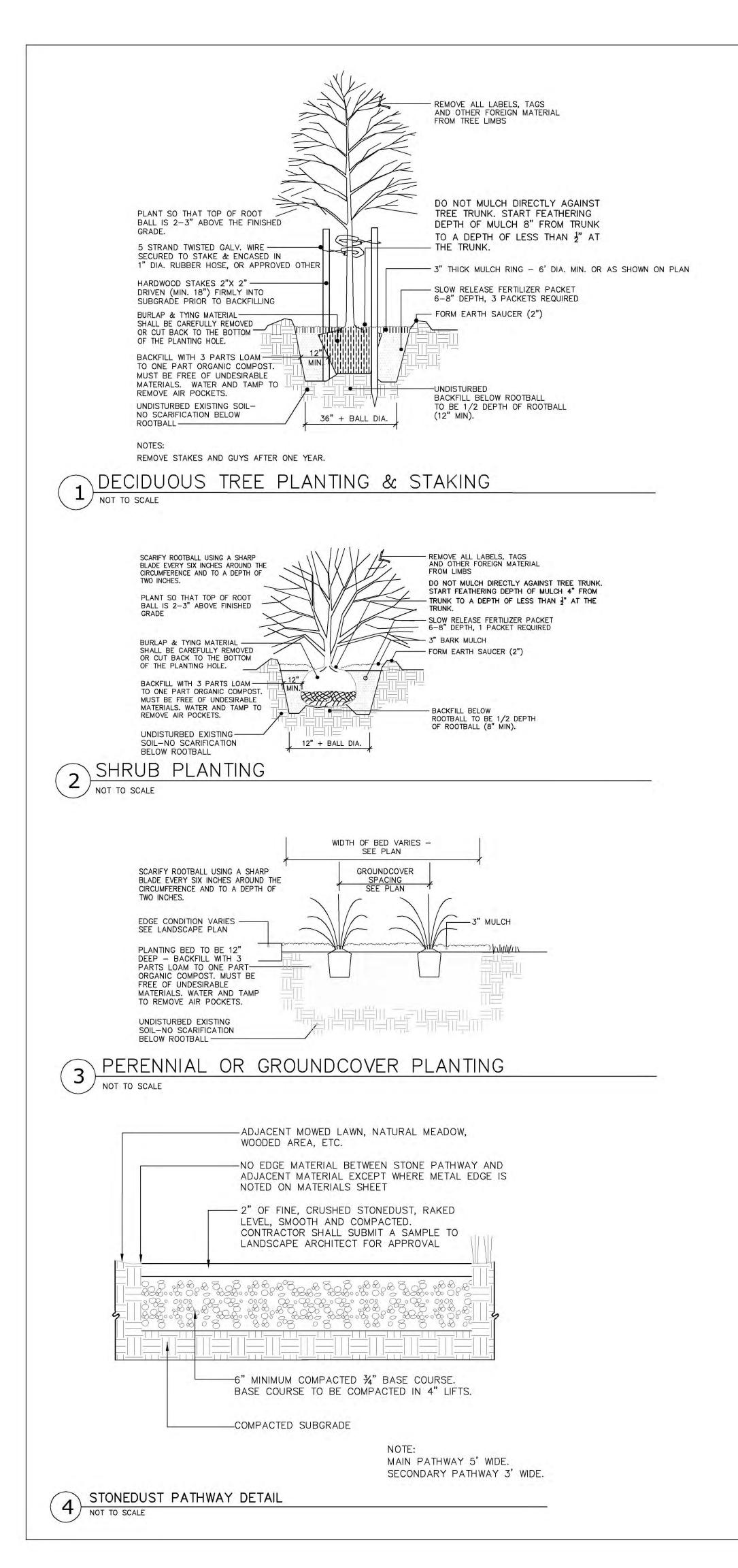
- PROPOSED WORK AND SHALL MAKE PROVISIONS AS TO THE COST THEREOF. CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIM OR HERSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES
- 3. INSTALL ALL MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND OWNER'S REQUIREMENTS UNLESS SPECIFICALLY OTHERWISE INDICATED OR WHERE LOCAL CODES OR REGULATIONS TAKE PRECEDENCE. 4. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO FABRICATION AND ERECTION OF ANY MATERIAL. ANY UNUSUAL CONDITIONS SHALL BE REPORTED TO THE ATTENTION OF THE LANDSCAPE
- 5. CONTRACTOR SHALL INCORPORATE PROVISIONS AS NECESSARY IN CONSTRUCTION TO PROTECT AND MAINTAIN SITE STABILITY DURING CONSTRUCTION. CONTRACTOR SHALL RESTORE ALL AREAS TO ORIGINAL CONDITION AND AS
- 6. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH "MAINE EROSION AND SEDIMENTATION CONTROL HANDBOOK FOR CONSTRUCTION: BEST MANAGEMENT PRACTICES" PUBLISHED BY THE CUMBERLAND COUNTY SOIL AND WATER CONSERVATION DISTRICT AND MAINE DEPARTMENT OF ENVIRONMENTAL
- 7. THE CONTRACTOR IS HEREBY CAUTIONED THAT ALL SITE FEATURES SHOWN HEREON ARE BASED ON FIELD OBSERVATIONS BY THE LANDSCAPE ARCHITECT. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT DIG SAFE (1-888-DIGSAFE) AT LEAST THREE (3) BUT NOT MORE THAN THIRTY (30) DAYS PRIOR TO COMMENCEMENT OF EXCAVATION OR DEMOLITION TO VERIFY HORIZONTAL AND VERTICAL
- 8. CONTRACTOR SHALL BE AWARE THAT DIG SAFE ONLY NOTIFIES ITS "MEMBER" UTILITIES ABOUT THE DIG. WHEN NOTIFIED, DIG SAFE WILL ADVISE CONTRACTOR OF MEMBER UTILITIES IN THE AREA. CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND CONTACTING NON-MEMBER UTILITIES DIRECTLY. NON-MEMBER UTILITIES MAY INCLUDE TOWN OR CITY WATER AND SEWER DISTRICTS AND SMALL LOCAL UTILITIES, AS WELL AS USG PUBLIC WORKS SYSTEMS.
- 9. IMMEDIATELY UPON COMPLETION OF SITE WORK, THE CONTRACTOR SHALL STABILIZE DISTURBED AREAS IN
- 10. THE CONTRACTOR SHALL BE FULLY AND SOLELY RESPONSIBLE FOR THE REMOVAL, REPLACEMENT AND RECTIFICATION OF ALL DAMAGED AND DEFECTIVE MATERIAL AND WORKMANSHIP IN CONNECTION WITH THE CONTRACT WORK. THE CONTRACTOR SHALL REPLACE OR REPAIR AS DIRECTED BY THE OWNER ALL SUCH DAMAGED OR DEFECTIVE MATERIALS WHICH APPEAR WITHIN A PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION. 11. ALL WORK PERFORMED BY THE GENERAL CONTRACTOR AND/OR TRADE SUBCONTRACTOR SHALL CONFORM TO THE REQUIREMENTS OF LOCAL, STATE OR FEDERAL LAWS, AS WELL AS ANY OTHER GOVERNING REQUIREMENTS, WHETHER
- 12. WHERE THE TERMS "APPROVED EQUAL", "OTHER APPROVED", "EQUAL TO", "ACCEPTABLE" OR OTHER GENERAL QUALIFYING TERMS ARE USED IN THESE NOTES, IT SHALL BE UNDERSTOOD THAT REFERENCE IS MADE TO THE RULING
- 13. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY PROTECTION FOR THE WORK UNTIL TURNED OVER TO THE
- 14. THE CONTRACTOR SHALL MAINTAIN A CURRENT AND COMPLETE SET OF CONSTRUCTION DRAWINGS ON SITE DURING
- 15. THE CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ANY CHANGES AND DEVIATION OF APPROVED PLANS
- 16. DETAILS ARE INTENDED TO SHOW END RESULT OF DESIGN. ANY MODIFICATION TO SUIT FIELD DIMENSION AND CONDITION SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO ANY WORK. 17. BEFORE THE FINAL ACCEPTANCE OF THE PROJECT, THE CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND MATERIALS, REPAIR OR REPLACE PROPERTY WHICH MAY HAVE BEEN DAMAGED OR DESTROYED DURING CONSTRUCTION,
- CLEAN THE AREAS WITHIN AND ADJACENT TO THE PROJECT WHICH HAVE BEEN OBSTRUCTED BY HIS/HER OPERATIONS, 18. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE LOCATION, DEPTH AND MATERIAL OF
 - YOWN HEREON AND ANY AND ALL OTHER

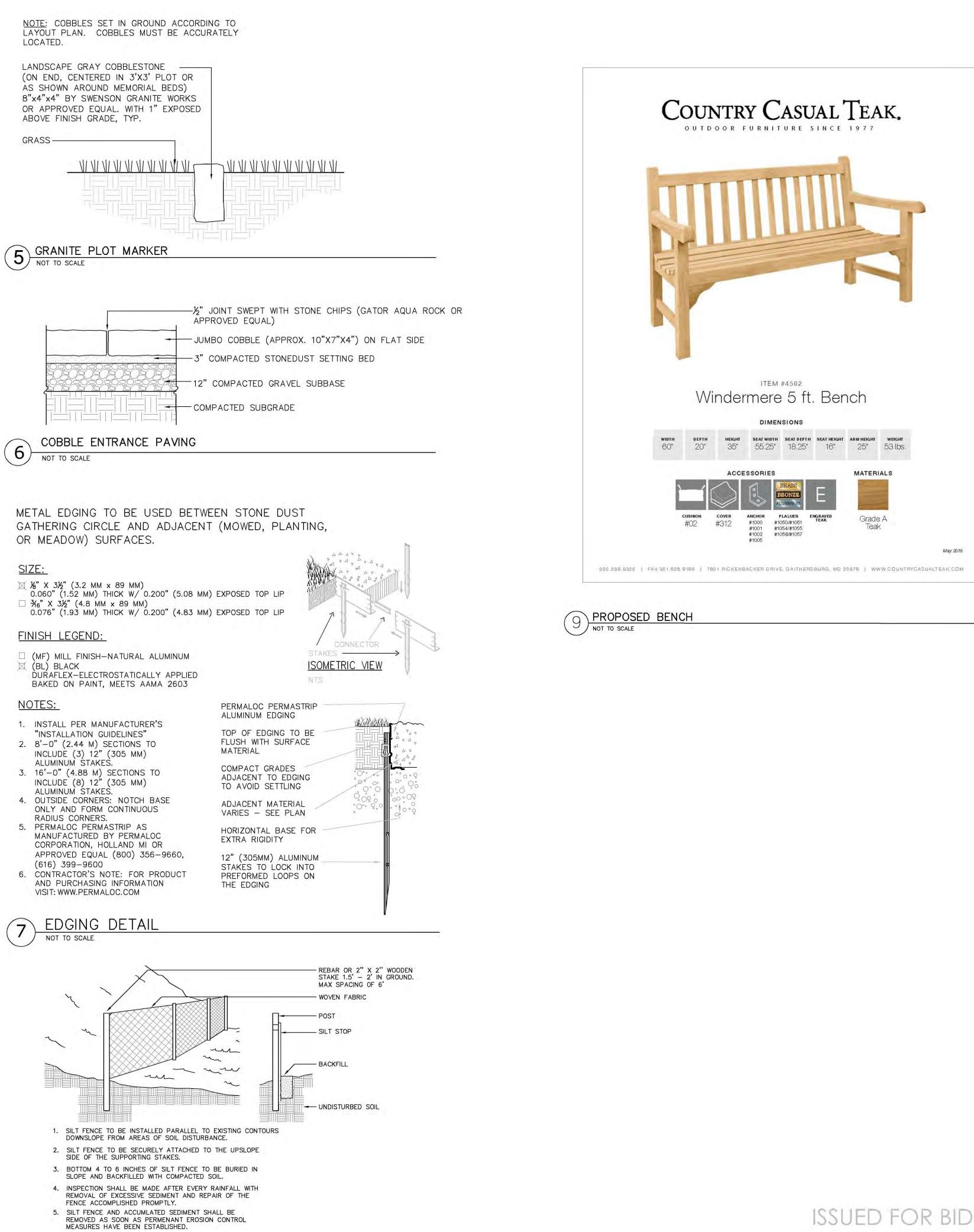
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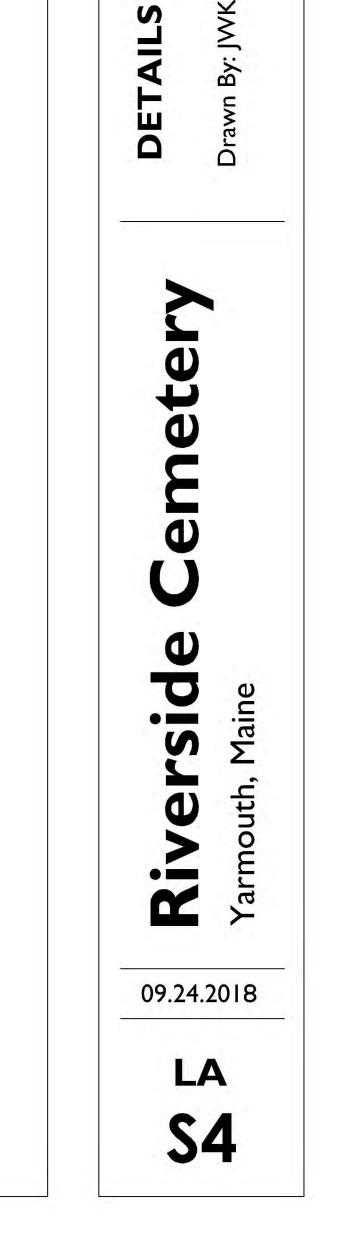






SILT FENCE NOT TO SCALE

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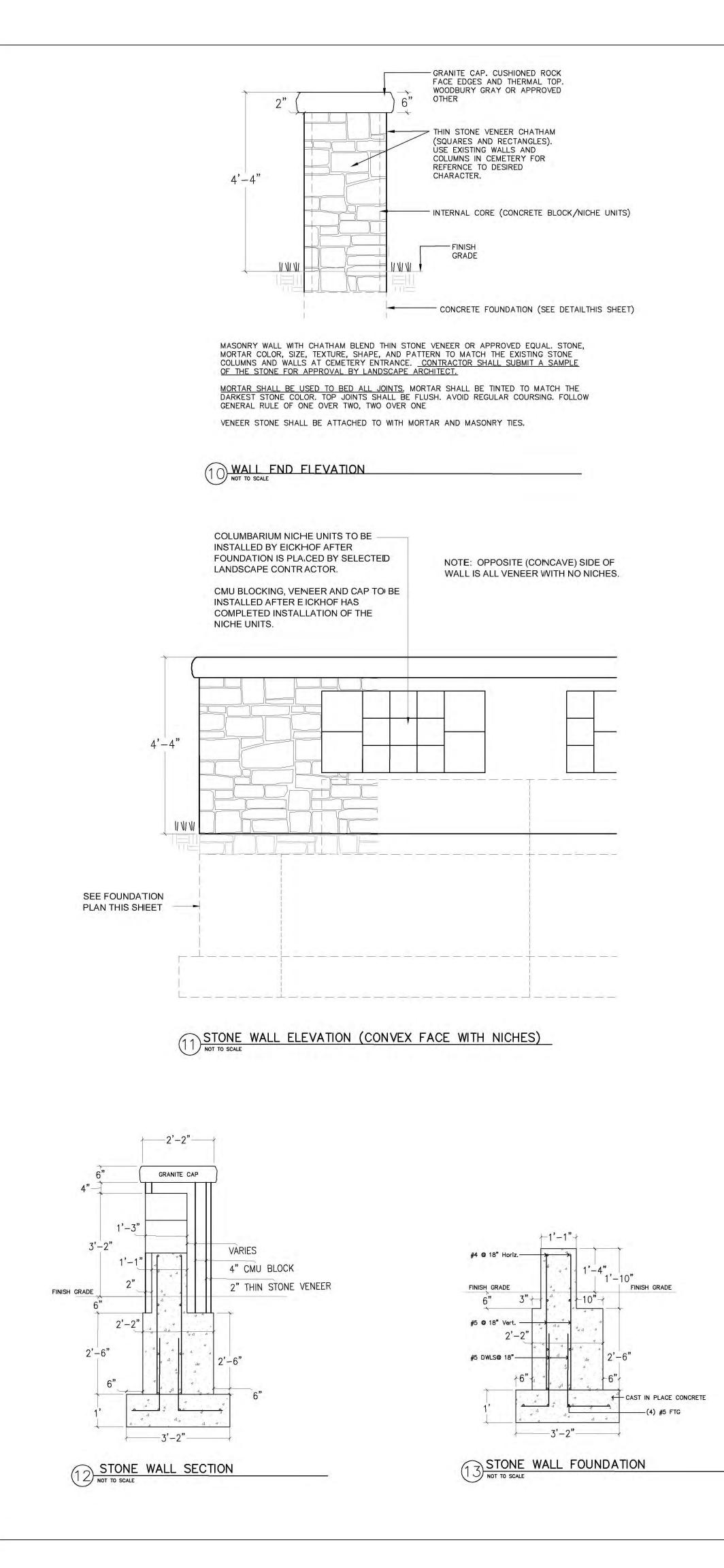
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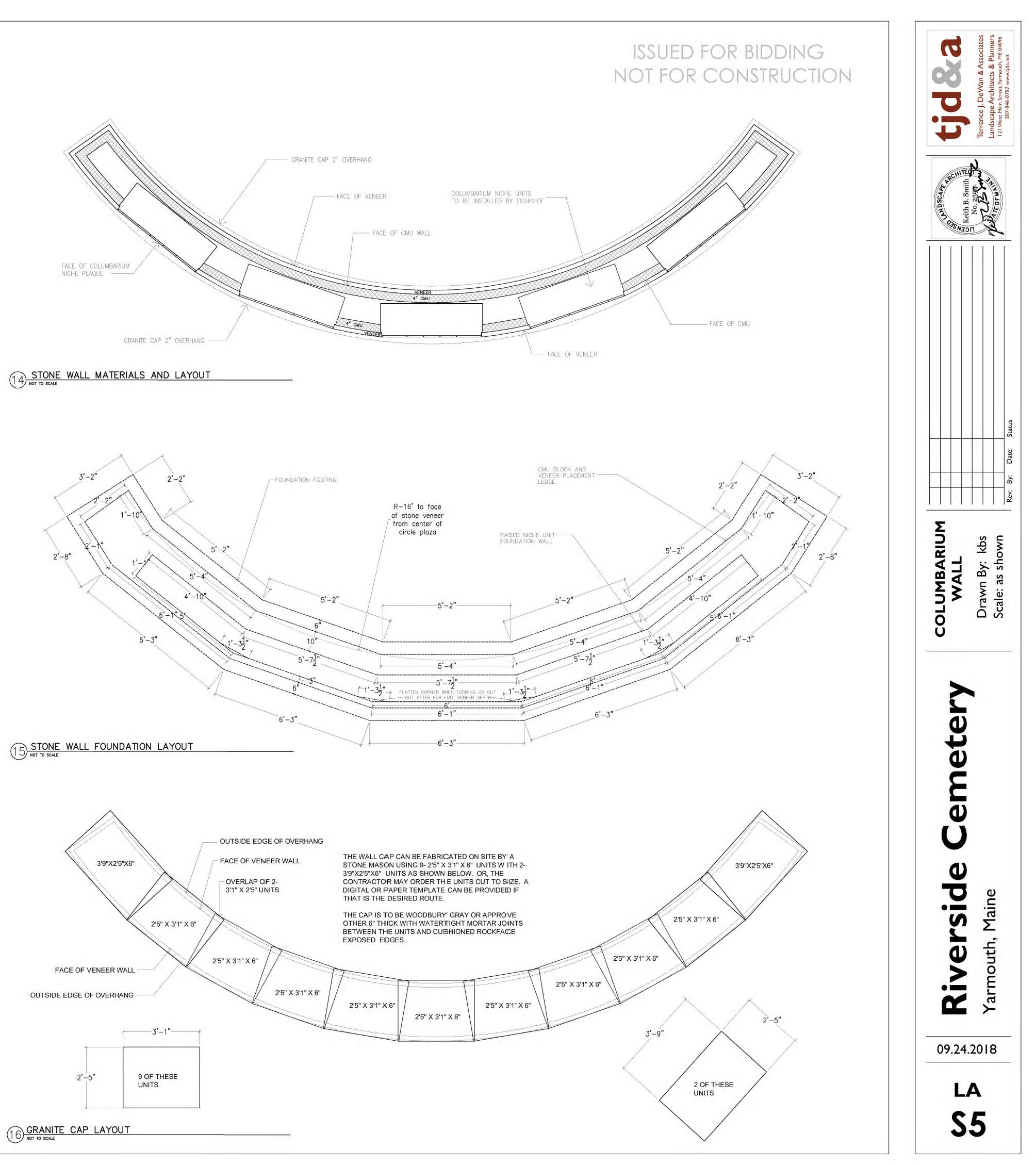
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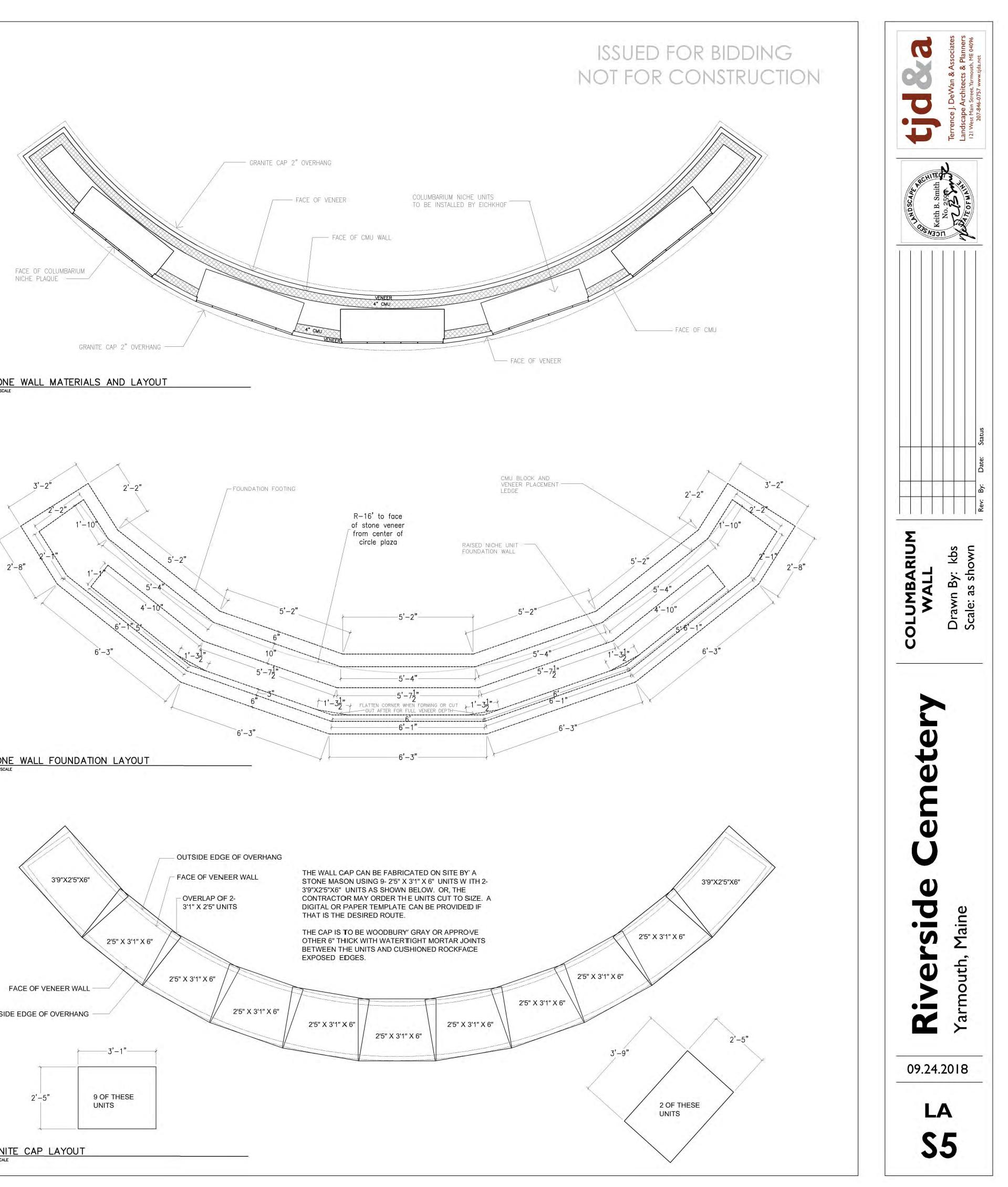
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EROSION AND SEDEMENTATION CONTROL NOTES.

A. PRE-CONSTRUCTION PHASE

PROJECT

PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, FILTER FABRIC FENCING (SILT FENCE) WILL BE STAKED ACROSS THE SLOPE(S), ON THE CONTOUR AT OR JUST BELOW THE LIMITS OF CLEARING OR GRUBBING, AND/OR JUST ABOVE ANY ADJACENT PROPERTY LINE OR WATERCOURSE TO PROTECT AGAINST CONSTRUCTION RELATED EROSION. THE PLACEMENT OF SILT FENCES SHALL BE COMPLETED IN ACCORDANCE WITH GUIDELINES ESTABLISHED IN BEST MANAGEMENT PRACTICES AND IN ACCORDANCE WITH THE EROSIO IN CONTROL PLAN AND DETAILS IN THE PLAN SET. THIS NETWORK IS TO BE MAINTAINED BY THE CONTRACTOR UNTIL AILL EXPOSED SLOPES HAVE AT LEAST 85%-90% VIGOROUS PERENNIAL VEGETATIVE COVER TO PREVENT EROSION. THE FOLLOWING EROSION CONTROL MEASURES SHALL BE FOLLOWED BY THE CONTRACTOR THROUGHOUT CONSTRUCTION OF THIS

B. CONSTRUCTION AND POST-CONSTRUCTION PHASE

- 1A. AREAS UNDERGOING ACTUAL CONSTRUCTION SHALL ONLY EXPOSE THAT AMOUNT OF MINERAL SOIL NECESSARY FOR PROGRESSIVE AND EFFICIENT CONSTRUCTION AIND SHALL NOT EXCEED 14-DAYS. AREAS THAT WILL NOT BE COMPLETED (COVERED AND)/OR FINISH GRADED) WITHIN FOURTEEN (14) DAYS OF DISTURBANCE SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL BLANKET OR MULCH AS DIRECTED BY THE LANDSCAPE ARCHITECT AND AS SHOWN ON THE DESIGN PLANS. IF MULCH IS USED, HAY OR STRAW MULCH SHALL BE APPLIED SUCH THAT THE AR EAS SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANIY VISIBLE SOIL EXPOSURE. MULCH SHALL BE KEPT MOIST TO AVOID LOSS DUE TO WIND.
- 18. IF DISTURBED AREAS DO NOT RECEIVE FINAL SEEDING BY SEPTEMBER 15TH OF THE YEAR OF CONSTRUCTION. THENI ALL DISTURBED AREAS SHALL BE SEEDED WITH A WINTER COVER CROP OF RYE AT THE RATE OF 3LBS/1,000 S.F. TO PROVIDE WINTER PROTECTION. WINTER SEEDINGS SHALL BE COVERED WITH MULCH SUCH THAT NO SOIL IS VISIBLE.
- 1C. DURING WINTER CONDITIONS, ALL APPLIED MULCHES SHALL BE ANCHORED WITH TEMPORARY EROSION CONTROL MIEASURES. TEMPORARY EROSION CONTROLS SHALL CONSIST OF HAY OR STRAW MULCH APPLIED TO PROVIDE A MINIMUM UNIFORM MULCH DEPTH OF 4" OR IF BLOWN, APPLICATION AREA SHALL BE SUFFICIENTLY COVERED WITH MULCH TO AVOID ANY VISIBLE SOIL EXPOSURE.
- ALL TOPSOIL SHALL BE COLLIECTED, STOCKPILED, SEEDED WITH RYE AT 3 LBS./1,000 S.F. AND MULCHED, AND RE-USEID AS REQUIRED. 2. SILTATION FENCING SHALL BE PLACED DOWN GRADIENT FROM STOCKPILED LOAM. LOAM SHALL BE STOCKPILED AT LOCATIONS DESIGNATED BY THE OWNER AND INSPECTING ENGINEER.
- 3. ALL AREAS SHALL BE SEEDED AND STABILIZED IN ACCORDANCE WITH THE FOLLOWING VEGETATION PLAN.

C. VEGETATION PLAN

REVEGETATION MEASURES SHALL COMMENCE IMMEDIATELY UPON COMPLETION OF CONSTRUCTION OF THE IMPROV/EMENTS. DISTURBED AREAS SHALL ALSO BE MULCHED AND ANCHORED IPRIOR TO ANY STORM EVENT. SEE MULCHING REQUIREMENTS IN SECTION B (1A) ABOVE. IF FINAL SEEDING CANNOT BE ACCOMPLISHED BY SEPTEMBER 15TH. THEN ALL DISTURBED AREAS SHALL BE SEEDED WITH A WINTER COVER CROP AT THE RATE O/F 3LBS./1,000 S.F. TO PROVIDE WINTER PROTECTION. SEE WINTER PROTECTION REQUIRIEMENTS IN SECTION B (1B) AB OVE. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOOMED, FINAL GRADED WITH A UNIFORM SURFACE, THEN THE AREA MAY BE DORMANT SEEDED AT A RATE OF 3 TIMES HIGHER THAN SPECIFIED FOR PERMANENT SEED AND THEN MULCHED, DORMANT SEEDING SHALL BE PLACED PRIOR TO THE PLACEMENT OF MULCH, ALL AREAS SEEDED DURING; THE WINTER WILL BE INSPECTED IN THE SPRING FOR ADEQUATE CATCH. ALL AREAS SUFFICIENTLY VEGETATED (LESS THAN 75% CATCH) S HALL BE REVEGETATED BY REPLACING LOAM, SEED AND MULCH. IF DORMANT SEEDING IS NOT USED FOR THE SITE, ALL DISTURBED AREAS SHALL BE REVEGETATED IN THE SPRING

D. MULCHING

PLANTING MOUNDS AND PLANTING AREAS SHALL NOT BE LEFT EXPOSED FOR ANY EXTENDED TIME. IF PLANTING IS NOT COMPLETED WITHIN THE PERMITTED PLANTING SEASON, PLANTING BEDS MUST BE FULLY MULCHED WITH 3" OF SHR EDDED HARDWOOD / BARK MULCH FOR STABILIZATION OVER WINTER

E. CONSTRUCTION SCHEDULE

SITE IMPROVEMENTS WILL MOST LIKELY BEGIN IN FALL OF 2018 DEPENDING UPON BIDDING RESULTS AN CONTRACTO R SELECTION. THE FOLLOWING SCHEDULE IS ANTICIPATED FOR THE CONSTRUCTION OF THE IMPROVEMENTS. SCHEDULE

FALL 2018

TREE CUTTING, LIMBING AND GENERAL SITE CLEANI-UP PLACEMENT OF FOUNDATION FOR COLUMBARIUM WALL.

COMPLETION OF ALL TRIAL WALK AND PLAZA WORK

PLANING MOUNDS BUILT, BOULDERS AND GRANITE MARKERS PLACED. SEEDING AND PLANTING SUBJECT TO CALENDAR REQUIREMENTS

SPRING 2019

PLACEMENT OF COLUMBARIUM NICHES BY EICKHOFF. COMPLETION OF WALL (BLOCK, VENEER AND CAP)

SEEDING AND PLANTING NOT COMPLETED IN 2018

** DATES ARE SUBJECT TO CHANGE AT THE DISCRETION OF THE OWNER AND DEPENDING ON CONTRACTOR SCHEEDULE, WEATHER AND CONSTRUCTION PROGRESS.

F. INSPECTIONS/MONITORING

MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTIONI CYCLE. AFTER EACH FRAINFALL, TH CONTRACTOR SHALL PERFORM A VISUAL INSPECTION THE PROJECT. THE CONTRACTOR SHALL PERFORM REPAIRS AS NEEDED TO ALLOW CONTINUED PROPER FUNCTIONING OF THE EROSION CONTROL MEASURES.

FOLLOWING THE TEMPORARY AND/OR FINAL SEEDINGS, THE CONTRACTOR SHALL INSPECT THE WORK AREA SEMIMO/NTHLY UNTIL THE SEEDINGS HAVE BEEN ESTABLISHED. ESTABLISHED MEANS A MINIMUM OF 85%-90% OF AREAS VEGETATED WITH VIGOROUS GROWTH. RESEEDING SHALL BE CARRIED OUT BY THE CONTRACTOR WITH FOLLOW-UP INSPECTIONS IN THE EVENT OF ANY FAI LURES UNTIL VEGETATION IS ADEQUATELY' ESTABLISHED

Wall Foundation Notes

1. Reinforced Concrete

- Cast-In-Place: MDOT Class A: f0 = 4350 PSI. Concrete mix design shall be submitted for review.
- Minimum cover to reinforcement = 2".
- All concrete footings shall be placed on a 12" bed of 3/4" crushed stone unless otherwise noted.

2.Reinforcing Steel:

ASTM Grade 36; f,= 60,000 psi.

3. Miscellaneous Metals And Fasteners:

- All metal items to be A36 steel, hot-dip galvanized after fabrication unless otherwise noted.
- All fasteners shall be hot dipped galvanized or stainless steel to resist corrosion.

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D. Upon Completion of the work, remove from the site all excess materials, debris, tools, and equipment. Rep air damage resulting from stone masonry work operations.

- B. Clean stonework not less than 6 days after completion of work, using clean water and stiff-bristle brushes. EDo not use wire brushes, acid type cleaning agents or other cleaning compounds with caustic or harsh fillers.
- provide a neat, uniform appearance.
- A. Remove and replace stone units which are loose, broken, stained, or otherwise damaged. Provide new ma tching units, install as specified, and point up joints to eliminate evidence of replacement. Repoint defective and unsatisfactory joints and as required to
- 101 Cleaning

removed for final cleaning of stonework.

D. Provide non-staining wood coverings at projecting edges and corners to protect installed stonework. Maintain covering until

- provide non penetrable waterproof seal between capstonies.
- B. Set granite caps in full bed of mortar, rake out joints to minimum 1" depth before mortar is set. Provide vert ical joints unfilled.
- A. Set Stone in accordance with drawing details and final shop drawings for stone work. Provide anchors, sup ports, and other attachments as necessary to secure stone work in place. Shim and adjust accessories as required for proper setting of stone.

H. Ferrous metal: Where stone work will contact ferrous metal surfaces concealed in construction (anchors, supports, structural

Examine substrates and installation conditions. Do not start stone masonry work urntil unsatisfactory conditi ions are corrected.

F. Clean stone work before setting by thoroughly scrubbing with fiber bristle brushes and clean water. Drench i stone with clean water

G. Damp proof stone backs, bonding face and edges, and face surfaces below finish grade with damp proofingg material.

- I. Do not use stone units with chips, cracks, voids, stains, or other visible defects.

10 Wall Erection

0811 Inspection

- framing, and similar surfaces) apply a heavy coat of bituninous paint on metal cointact surfaces prior to seetting stone.

prior to setting.

09 Preparation E. Establish lines, levels and coursing.

6. Do not use anti-freeze or cacium chloride in any mor rtar. 7. Protect completed masonry work against freezing for not less than four days after laying.

E. Remove excess mortar and stains as work progresses.

- 5. Do not build on frozen work. Remove and replace masonry damaged by frost t or freezing.
- 4. Do not use frozen materials or materials mixed or coated with ice or frost.

1. Precondition masonry materials to maintain 50 degrees F. when installed.

Protect adjacent work from damage, soiling, and staining during masonry woork operations.

- 3. No masonry work will be permitted when outside air temperature is below 25 degree F.

- recommendations.

- means acceptable to the Landscape Architect are provided to protect work from cold and frost and ensu are that mortar well set without freezing. Comply with international Masonry Industry All-Weather Council cold weather constructions and protection
- 2. Do not install stone masonry work when the temperature of the outside air is below 40 degree F. and falling unless suitable
- C. Brace unsupported and newly laid masonry walls. Maintain bracing in place umtil walls reach design str rength. D. Cold weather construction:
- B. Protect partially completed stone masonry work against weather damage and moisture, when work is noot in progress. Cover tops of walls with strong, waterproof, non-staining, membrane. Extend membrane at least 2' - 0" down bboth sides of walls and hold securely in place.
- 08 Delivery, Storage and Handling A. Deliver, Store and Handle according to industry standards for safety and quality control.

A. Do not use metal accessories with loose coatings, including ice, which will reducce bond.

within 2 -1/2 hours of the initial nixing. Discard mortar after 2 -1/2 hours of the ini itial mixing.

G. Retemper mortar as required with n 2 hours of mixing to replace water lost by evaporation. Use and place mmortar in final position

081 Project Conditions

STONE VENEER COLUMBARIUM WALL SPECIFICATIONS

Representative. Material shall be in accordance with this section

A. Provide stone masonry work as shown and specified

2. Stone masonry accessoriles

1. American Society for Testing and Materials (ASTM).

comparable size and quality.

Architect or Owner's representativ e.

appearance and durability.

Related work: Cast In Place Concrete

1. Wall stone

3. Mortar

02 Quality Assurance

04 Materials:

041 Wall Stone

042 Granite Cap

044 Motar

043 Stone Accessories

his work shall consist of furnishing and installing the columbarium wall as called for on the plans and or authhorized by the Owner's

Comply with the applicable requirements of local governing authorities and American National Standards In stitute (ANSI) A41.1,

Installation: Performed only by experienced stone masons with satisfactory record of performance on completed projects of

Sample panel: Before starting stone masonry work, provide a sample panel using materials, bond and joint t tooling indicated for

The approved sample panel may be a portion of the work and remain in place. Location as directed by the Landscape

Provide sound stone uniform in cclor and texture, free from mineral stains, other foreign matter, and defects s detrimental to

Swenson's woodbury granite or approved equal. Rock face with cushioned edgess, see exiting stone work (in cemetery for

Anchoring devices: provide strap anchors, inserts, anchor slots, bolts, and rods of types and size indicated J. Provide non

project work. Building panel at the site of full thickness and approximately 2 1/2 fee at long. Provide the range of color, texture, and

workmanship proposed for the work. Correct and rebuild sample panel until Landscape Architect's accepta Ince of the work. Retain

Materials and methods of construction shall comply with the following standards and association recommendations.

Building Code Requirements for Masonry, for the types of stone masonry construct tion indicated.

panel during construction as a standard for completed stome masonry work.

Do not change source or brands of mortar materials during the course of work.

Chatham Blend Thin Stone Veneer (squares and rectangles) or approved equal.

context. Cap pieces can be pre manufactured or cut to fit con site.

corrosive metals or hot-dip galvanized finished steel mater tals.

D. Aggregate: ASTM C144, clean masonry sand, 100% passiing #16 sieve.

A. Portland Cement: ASTM c150, Type I, white, non staining type.

B. Masonry cement: ASTM c91, white non staining type.

C. Hydrated lime: ASTM c207, Type S.

E. Water: Clean, fresh, and potable.

01 Descriptio

- satisfactory workable consistency of mortar.
- F. Mix cementitious materials and aggregate in a clean mechanical mixer for at least 5 minutes. Add water in amount to provide
- mix. Shovel count measurement of sand is not acceptable.
- E. Measure and batch materials either by volume or weight. Use accurate measuring devices to ensure unifor mity and coloration of
- C. Pointing mortar: 1 part non staining masonry cement, 1 part hydrated lime, and 6 piarts white damp loose saand. D. Grout: 1 part non staining masonry cement, 1 - 1/2 part white damp loose sand.
- B Setting mortar: 1 part non staining masonry cement, 1 part hydrated lime, and 6 pairts white damp loose sa nd.
- A. Provide water repellent admixture in all mortar used for stone masonry work. Add to mix in accordance with manufacture's recommendations. Maximum 2% by weight of portland cement content of mortar

0441 Stone Mortar Mixes

F. Water repellent admixture: Ammonium stearate, aluminum tristearate or calcium st learate. G. Colored mortar pigment: Lime-proof and alkali-proof miner al oxide pigments.

LANDSCAPE SPECIFICATIONS

1.0 DESCRIPTION

- A. All applicable portions of General Requirements are to be considered as included with this section.
- B. Work under this Section shall include all labor, materials, services, equipm ent and accessories necessary to furnish and install plant material in complete accordance with the specifications and applcable Drawings.
- 1.2 QUALITY ASSURANCE
- A. Installer's Personnel Qualifications: Reputable landscape contractor with a 1 min. 5 years experience in landscape construction and licersed to perform work as described in this section.
- B. Comply with applicable federal, state, and local regulations governing landsscape materials and work
- 1.3 WARRANTY
- A. Warranty that all plants: (Trees, Shrubs, Perennials, Groundcovers, lawns, etc.) planted under this Contract shall be healthy and in flourishing condition of æctive growth for one (1) year from date of Final Acceptance by Owner.
- B. If a replacement plant dies, the contractor shall assis: in determining the specific plant issue and advise accordingly. Any damage due to replacement operations; shall be repaired by the Contractor. At the end of the warranty period, inspections shall be made by Owner and Project Landscape Architect. All plants not in a healthry growing condition shall be removed and replaced with plants of a like kind and size before the close of the next planting season.

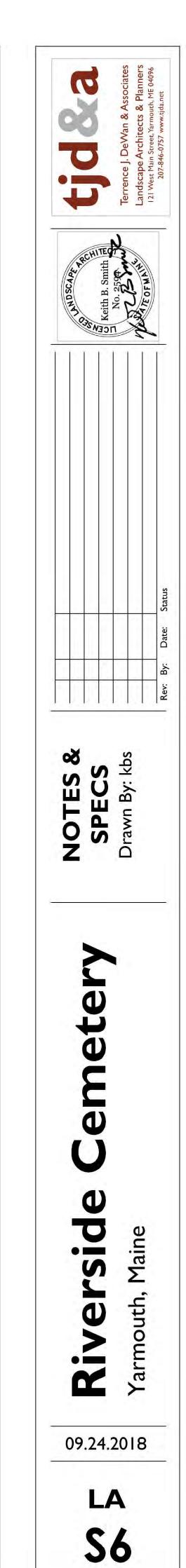
1.4 MATERIALS

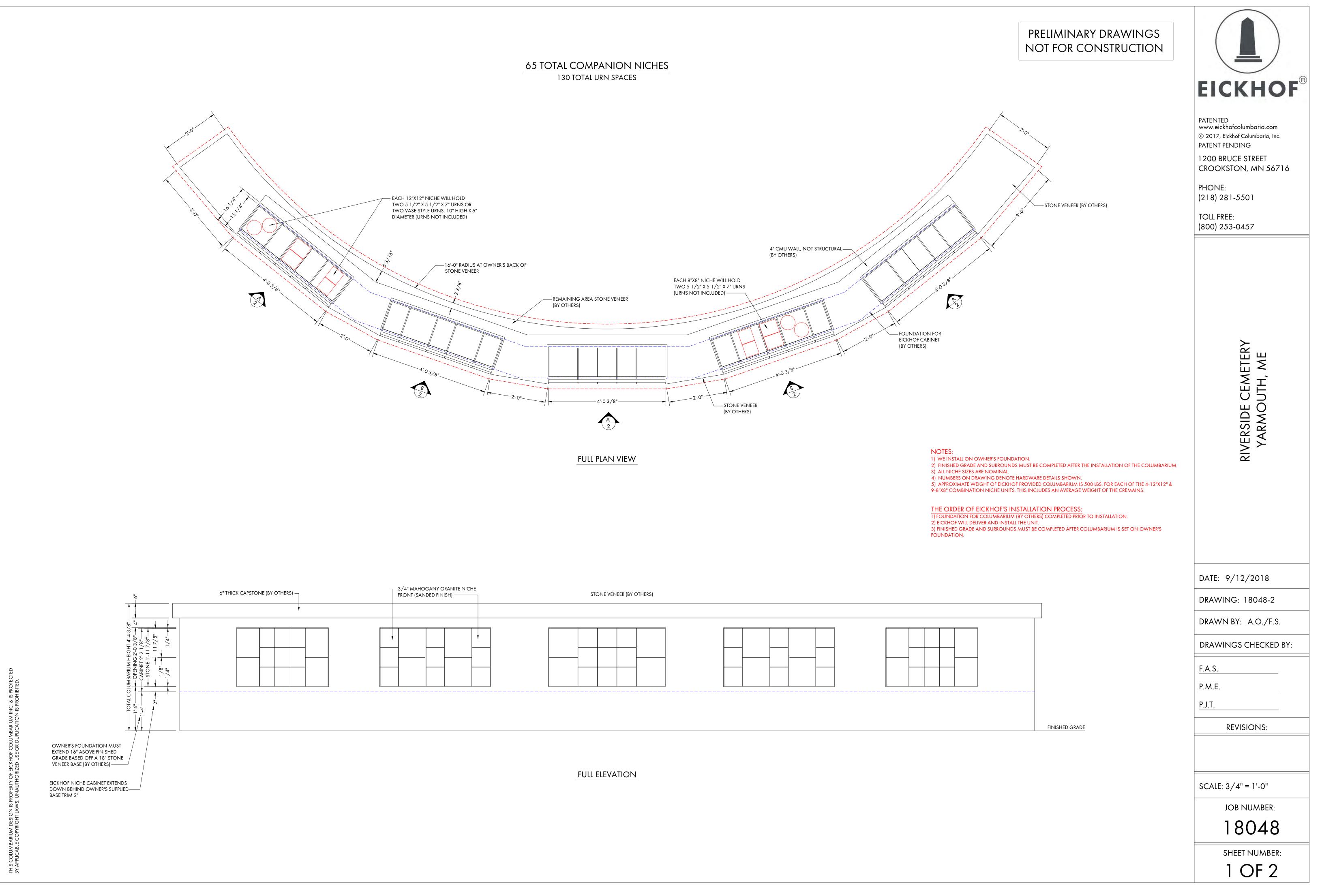
- A. All plant stock shall be nursery-grown and comply with ANSI Z60.1.(American Standard for Nursery Stock)
- B. All stock shall be balled and builapped (B&B) or container grown stock.
- C. Damaged plants and plants that do not meet requirements will be rejected.
- D. Seed shall be fresh, clean, new-crop seed in mixtures composed of the foll lowing varieties and proportions. Seed shall test to 80% minimum purity, and 80% germination. Seed shall be mixed by the dealer and shall be delivered to the site in sealed containers which shall bear the Dealer's guaranteed analysis.
- E. Lawn Seed to be "Cottage Mix" and Wildflower Seed to be "Perennial Wildflower Mix" from Allen Sterling & Lothrop or approved other. Application rates according to Allen Sterling & Lothrop seed mix specifications.
- F. Topsoil: Suitable topsoil salvaged from site or loose, friable, sandy loam, ty/pical of cultivated topsoil found in the locality. It shall be taken from a well drained, arable site, and free of subsoil, stones over one (1) inch, clods, sticks, roots, objectionable extraneous matter, noxious weeds, roots or other undesirable grasses, or t oxic materials including pesticides. Mulch, peat, or other excessively acid soil containing excessive proportions of either clay or sand will not be accepted. Prior to spreading, topsoil shall be screened to remove rocks and debris. Maximum stone size shall not exceed one (1) inch in the greatest dimension. All topsoil shall be tested by The University of Maine Soil Testing Laboratory for a pH level. A pH of 5.3 to 61.0 is required. The Owner and/or Landscape Architect reserves the right to reject on or after delivery any topsoil which do not, in their opinion, meet these Specifications.
- G. Planting mix: shall consist of three (3) parts natural lcam topsoil (suitable screened topsoil salvaged from the site or loose, friable, sandy loam, typical of cultivated topsoil found in the locality), in a dry, lcose condition, fertile, well drained and of umiform quality, to one (1) part organic compost. All planting mix shall be tested by The University of Maine Soil Testing Laboratory for pH. A pH of 5.3 to 6.0 is recquired. Frozen or muddy planting mix is not acceptable. Material shall be free from hard clods, stones over 1 inch, still clay, hard pan sods, and undesirable inorgannic materials. The Owner and/or Landscape Architect reserve the right to reject on or after delivery any materials which do not, in their opinion, meet these Spec:/fications.
- H. Mulches: Shredded bark mulch (no pieces larger than 3" in any direction, dark brown / black in color) at least 6 months old, shall consist of soft wood bark fragments of such size and texture as to successfully resist washing or blowing under normal conditions, but capable of being easily and uniformly spread around the plaants. The mulch shall contain no foreign material.
- I. Tree Stabilization: Stakes for tree support shall be hardwood free from kniots, rot, cross grain or other defects that would impair strength. Chafing guards shall be all the same color on the project.
- J. Fertilizer: Organic slow release packets or tablets containing the following composition: Nitrogen 16%, Phosphoric Acid 8%, and Potash 16% (3 packets, spaced equidistant per tree and 1 per shrub at 6-8" depth).

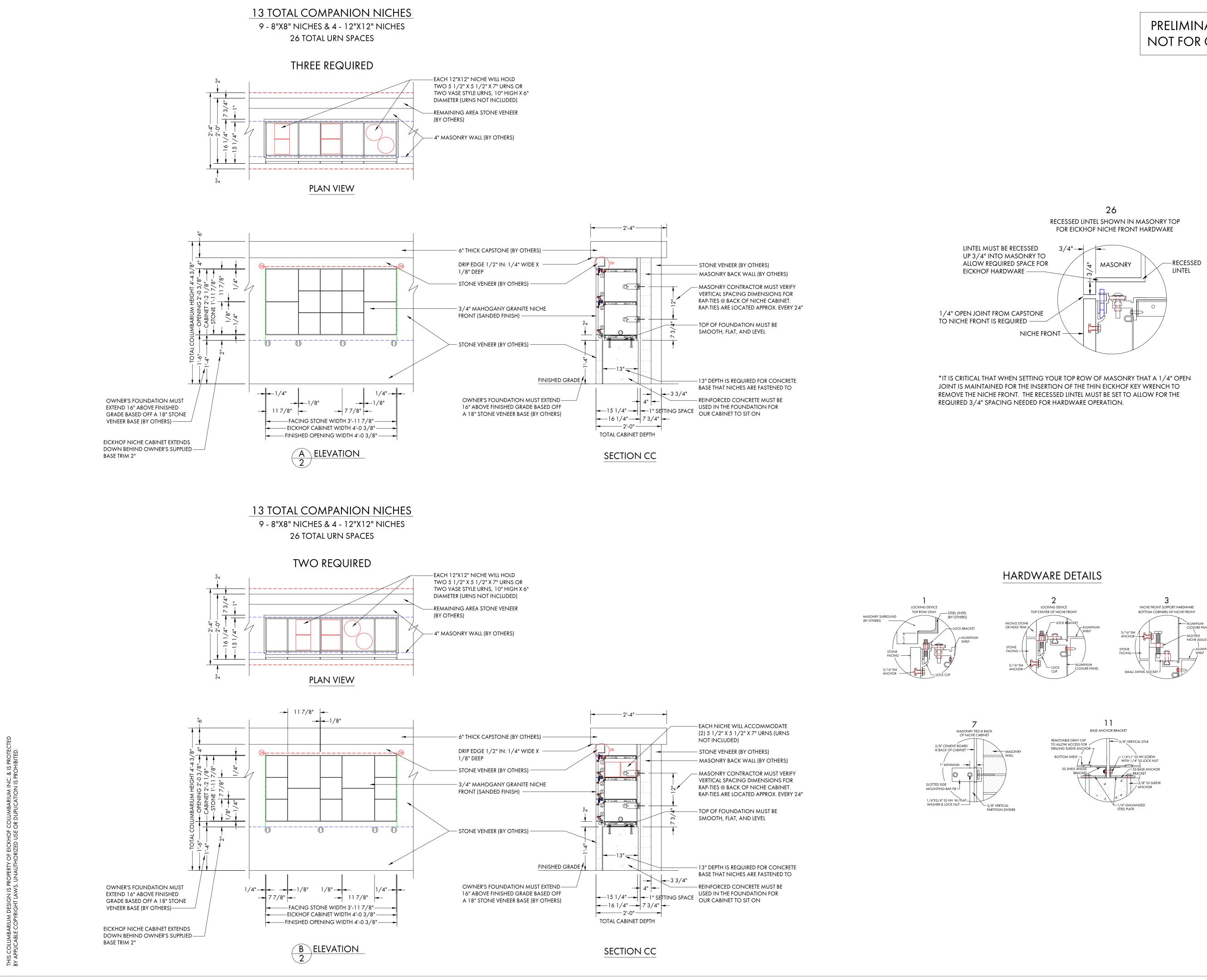
1.5 INSTALLATION

- A. Site Preparation: Prior to beginning the work of this section, verify that site: grading and preparation have been properly completed
- B. Seasons for planting, unless otherwise directed, shall be within the following dates:
- 1. Potted and Container Grown Plants: Spring 4/1 to 7/15, and Fall 8/15 to 111/15
- 2. Balled and Burlapped: Spring 4/1 to 7/15, and Fall 8/15 to 10/15
- C. Inspection: The landscape contractor shall notify project landscape archite:ct for approval of stakes corners and a minimum of 48 hours prior to installation tto coordinate inspection and location of plant material.
- D. Plant Placement: Plant material locations and bed outlines shall be as indi cated on the landscape plan. Plant material locations may be adjusted slightly to meet field conditions.
- E. Planting Soil Depth: Install twelve inches (12") depth at shrub and perenn ial planting beds, four (4") inches under lawn areas and twelve irches (12") at tree pits for no less than 30" total depth. In locations of high clay content apply gypsum additives to break down the clay.
- F. Planting: All planting shall be done as shown on drawings and as specified herein and in strict accordance with standard horticultural practices. Dispose of subsovil removed from planting excavations off sile unless directed otherwise by Owners Representative.
- G. Seeding: Seed may be applied with a mechanical hard seeder or by hydro seeding. Time of seeding shall follow seasons as specified in the erosion control notte section, Do not seed on windy days. Mulch according to erosion control section staundards. Water every day through germination then water as needed to maintain through acceptance.
- H. Pruning: All dead or damaged branches shall be removed from trees and sshrubs.
- I. Staking & guying: Plants shall be staked and guyed within 24 hours of plan iting according to drawings provided.
- J. Mulching:
- 1. Trees and shrubs in Turf Areas rings around trees and entire shrub areas as indicated on planting detail.
- 2. Planting Areas: 3 inches average thickness of mulch over entire planting area. The edges shall be cut so that the mulch maintains its depth and does not spill onto adjacent surfaces. Edge trimmings shall be removed from the site.
- H. Watering: Water shall be tanked to the site by contractor unless other arrangements have been made with the Owner.
- I. Clean-up: The Contractor shall remove all debris, construction equipment, excess fill, rocks, and other excess material caused by this work, from the site upon completion of work.

END OF SECTION







PRELIMINARY DRAWINGS NOT FOR CONSTRUCTION



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RIVERSIDE CEMETERY YARMOUTH, ME

DATE: 9/12/2018

DRAWING: 18048-2

DRAWN BY: A.O./F.S.

DRAWINGS CHECKED BY:

F.A.S.

P.M.E.

P.J.T.

REVISIONS:

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

JOB NUMBER:

18048

SHEET NUMBER: 2 OF 2