

CONSTRUCT NEW COLUMBARIUM WALL BLOOMFIELD VETERANS CEMETERY BLOOMFIELD, MISSOURI

BID DOCUMENTS
MARCH 18, 2020



SHEET INDEX

NO.	DESCRIPTION
GENERAL	
G001	COVER SHEET
CIVIL	
C1.0	EXISTING CONDITIONS & GENERAL NOTES
C1.1	SITE PLAN
C1.2	GRADING PLAN
C2.0	CIVIL DETAILS
C2.1	EROSION CONTROL DETAILS
ARCHITECTURAL	
LP101	PLANTING PLAN, DETAILS & SCHEDULE
A101	NEW COLUMBARIUM PLAZA PLAN & ELEV'S
A102	ENLARGED PLAN WALL SECTIONS & DTLS
A201	COMMITTAL SHELTER PLAN & ELEVATIONS
A202	COMMITTAL SHELTER ELEVATIONS
A203	COMMITTAL SHELTER OVERALL SIDE ELEV'S
A204	COMMITTAL SHELTER WING WALL ELEV'S
A205	FLAG POLE ENTRANCE PLAZA PLAN & DTL

OWNER: STATE OF MISSOURI
MICHAEL L. PARSON, GOVERNOR

DEPARTMENT OF PUBLIC SAFETY
MISSOURI VETERANS COMMISSION

PROJECT MANAGEMENT: OFFICE OF ADMINISTRATION
DIVISION OF FACILITIES MANAGEMENT,
DESIGN AND CONSTRUCTION



LOCATION MAP
NTS

DESIGNER: ARCHIMAGES, INC.

STATE OF MISSOURI
PROJECT NUMBER: U2001-01
SITE NUMBER: 6903
ASSET NUMBER: 8136903002

VETERANS CEMETERY
GRANTS PROGRAM: FAI MO-16-14

ARCHIMAGES
PROJECT NUMBER: K19530

SHEET NUMBER:

G001

1 OF 14 SHEETS
MARCH 18, 2020



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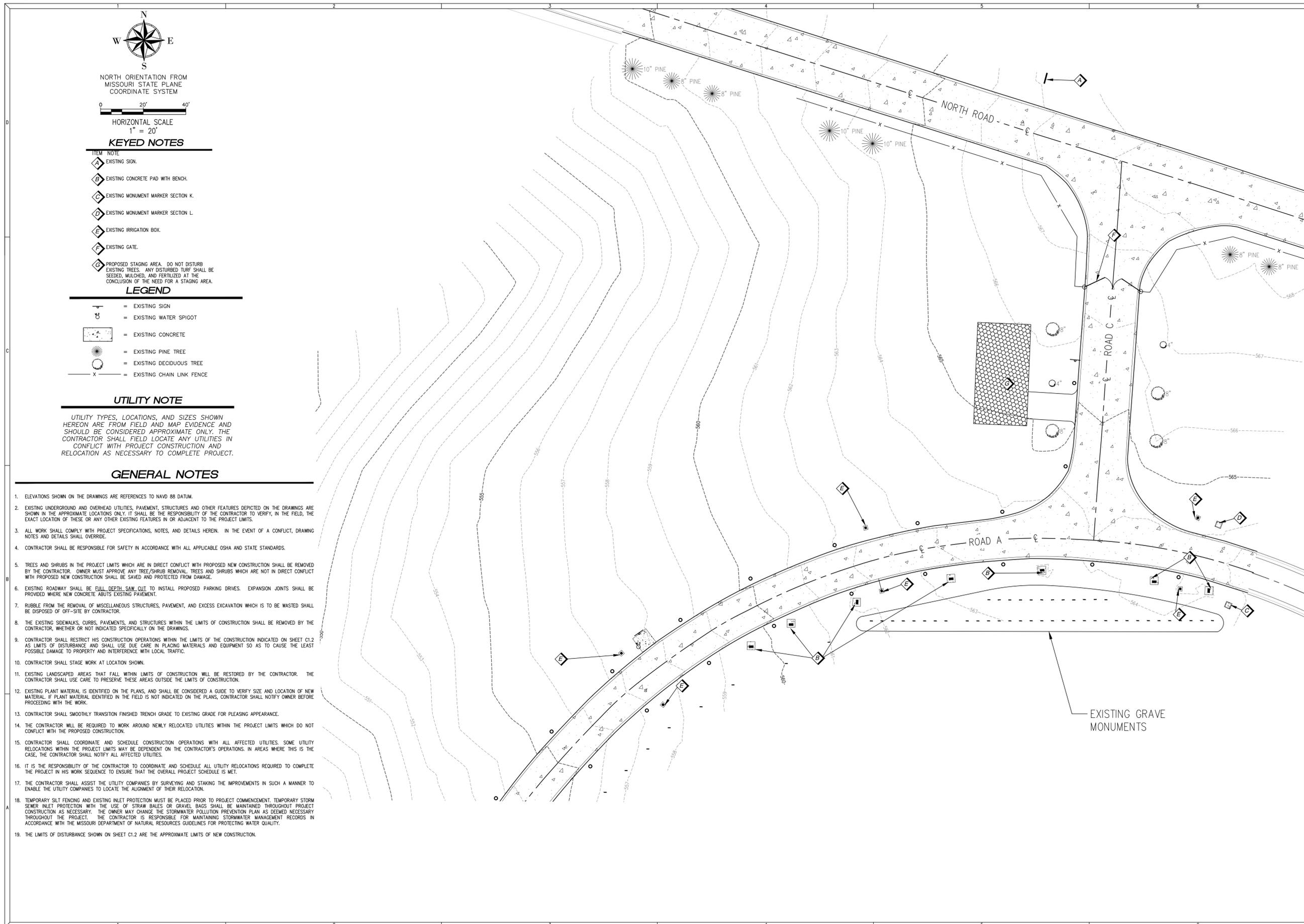
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SHEET TITLE:
**EXISTING CONDITIONS
AND GENERAL NOTES**

SHEET NUMBER:

C1.0

2 OF 14 SHEETS



NORTH ORIENTATION FROM
MISSOURI STATE PLANE
COORDINATE SYSTEM

HORIZONTAL SCALE
1" = 20'

KEYED NOTES

- A** EXISTING SIGN.
- B** EXISTING CONCRETE PAD WITH BENCH.
- C** EXISTING MONUMENT MARKER SECTION K.
- D** EXISTING MONUMENT MARKER SECTION L.
- E** EXISTING IRRIGATION BOX.
- F** EXISTING GATE.
- G** PROPOSED STAGING AREA. DO NOT DISTURB EXISTING TREES. ANY DISTURBED TURF SHALL BE SEEDED, MULCHED, AND FERTILIZED AT THE CONCLUSION OF THE NEED FOR A STAGING AREA.

LEGEND

- = EXISTING SIGN
- = EXISTING WATER SPIGOT
- = EXISTING CONCRETE
- = EXISTING PINE TREE
- = EXISTING DECIDUOUS TREE
- = EXISTING CHAIN LINK FENCE

UTILITY NOTE

UTILITY TYPES, LOCATIONS, AND SIZES SHOWN HEREON ARE FROM FIELD AND MAP EVIDENCE AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR SHALL FIELD LOCATE ANY UTILITIES IN CONFLICT WITH PROJECT CONSTRUCTION AND RELOCATION AS NECESSARY TO COMPLETE PROJECT.

GENERAL NOTES

1. ELEVATIONS SHOWN ON THE DRAWINGS ARE REFERENCES TO NAVD 88 DATUM.
2. EXISTING UNDERGROUND AND OVERHEAD UTILITIES, PAVEMENT, STRUCTURES AND OTHER FEATURES DEPICTED ON THE DRAWINGS ARE SHOWN IN THE APPROXIMATE LOCATIONS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, IN THE FIELD, THE EXACT LOCATION OF THESE OR ANY OTHER EXISTING FEATURES IN OR ADJACENT TO THE PROJECT LIMITS.
3. ALL WORK SHALL COMPLY WITH PROJECT SPECIFICATIONS, NOTES, AND DETAILS HEREIN. IN THE EVENT OF A CONFLICT, DRAWING NOTES AND DETAILS SHALL OVERRIDE.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY IN ACCORDANCE WITH ALL APPLICABLE OSHA AND STATE STANDARDS.
5. TREES AND SHRUBS IN THE PROJECT LIMITS WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR. OWNER MUST APPROVE ANY TREE/SHRUB REMOVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE.
6. EXISTING ROADWAY SHALL BE FULL DEPTH SAW CUT TO INSTALL PROPOSED PARKING DRIVES. EXPANSION JOINTS SHALL BE PROVIDED WHERE NEW CONCRETE ABUTS EXISTING PAVEMENT.
7. RUBBLE FROM THE REMOVAL OF MISCELLANEOUS STRUCTURES, PAVEMENT, AND EXCESS EXCAVATION WHICH IS TO BE WASTED SHALL BE DISPOSED OF OFF-SITE BY CONTRACTOR.
8. THE EXISTING SIDEWALKS, CURBS, PAVEMENTS, AND STRUCTURES WITHIN THE LIMITS OF CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR, WHETHER OR NOT INDICATED SPECIFICALLY ON THE DRAWINGS.
9. CONTRACTOR SHALL RESTRICT HIS CONSTRUCTION OPERATIONS WITHIN THE LIMITS OF THE CONSTRUCTION INDICATED ON SHEET C1.2 AS LIMITS OF DISTURBANCE AND SHALL USE DUE CARE IN PLACING MATERIALS AND EQUIPMENT SO AS TO CAUSE THE LEAST POSSIBLE DAMAGE TO PROPERTY AND INTERFERENCE WITH LOCAL TRAFFIC.
10. CONTRACTOR SHALL STAGE WORK AT LOCATION SHOWN.
11. EXISTING LANDSCAPED AREAS THAT FALL WITHIN LIMITS OF CONSTRUCTION WILL BE RESTORED BY THE CONTRACTOR. THE CONTRACTOR SHALL USE CARE TO PRESERVE THESE AREAS OUTSIDE THE LIMITS OF CONSTRUCTION.
12. EXISTING PLANT MATERIAL IS IDENTIFIED ON THE PLANS, AND SHALL BE CONSIDERED A GUIDE TO VERIFY SIZE AND LOCATION OF NEW MATERIAL. IF PLANT MATERIAL IDENTIFIED IN THE FIELD IS NOT INDICATED ON THE PLANS, CONTRACTOR SHALL NOTIFY OWNER BEFORE PROCEEDING WITH THE WORK.
13. CONTRACTOR SHALL SMOOTHLY TRANSITION FINISHED TRENCH GRADE TO EXISTING GRADE FOR PLEASING APPEARANCE.
14. THE CONTRACTOR WILL BE REQUIRED TO WORK AROUND NEWLY RELOCATED UTILITIES WITHIN THE PROJECT LIMITS WHICH DO NOT CONFLICT WITH THE PROPOSED CONSTRUCTION.
15. CONTRACTOR SHALL COORDINATE AND SCHEDULE CONSTRUCTION OPERATIONS WITH ALL AFFECTED UTILITIES. SOME UTILITY RELOCATIONS WITHIN THE PROJECT LIMITS MAY BE DEPENDENT ON THE CONTRACTOR'S OPERATIONS. IN AREAS WHERE THIS IS THE CASE, THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES.
16. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE AND SCHEDULE ALL UTILITY RELOCATIONS REQUIRED TO COMPLETE THE PROJECT IN HIS WORK SEQUENCE TO ENSURE THAT THE OVERALL PROJECT SCHEDULE IS MET.
17. THE CONTRACTOR SHALL ASSIST THE UTILITY COMPANIES BY SURVEYING AND STAKING THE IMPROVEMENTS IN SUCH A MANNER TO ENABLE THE UTILITY COMPANIES TO LOCATE THE ALIGNMENT OF THEIR RELOCATION.
18. TEMPORARY SILT FENCING AND EXISTING INLET PROTECTION MUST BE PLACED PRIOR TO PROJECT COMMENCEMENT. TEMPORARY STORM SEWER INLET PROTECTION WITH THE USE OF STRAW BALES OR GRAVEL BAGS SHALL BE MAINTAINED THROUGHOUT PROJECT CONSTRUCTION AS NECESSARY. THE OWNER MAY CHANGE THE STORMWATER POLLUTION PREVENTION PLAN AS DEEMED NECESSARY THROUGHOUT THE PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STORMWATER MANAGEMENT RECORDS IN ACCORDANCE WITH THE MISSOURI DEPARTMENT OF NATURAL RESOURCES GUIDELINES FOR PROTECTING WATER QUALITY.
19. THE LIMITS OF DISTURBANCE SHOWN ON SHEET C1.2 ARE THE APPROXIMATE LIMITS OF NEW CONSTRUCTION.



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SHEET TITLE:
SITE PLAN

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C1.1

3 OF 14 SHEETS



NORTH ORIENTATION FROM
MISSOURI STATE PLANE
COORDINATE SYSTEM

HORIZONTAL SCALE
1" = 10'

KEYED NOTES

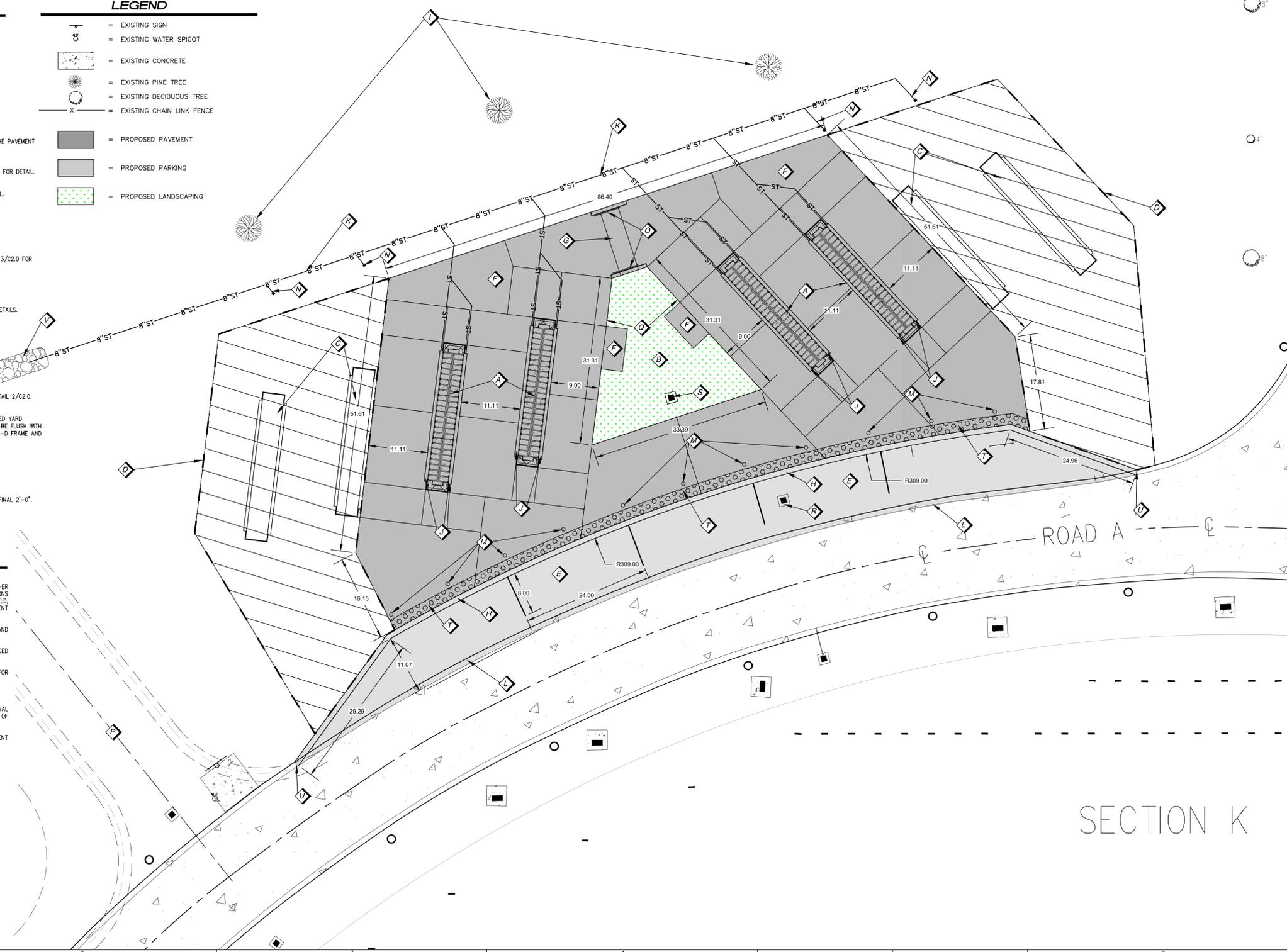
- | ITEM | NOTE |
|------|---|
| A | PROPOSED COLUMBARIUM WALL. REFER TO ARCHITECTURAL PLANS FOR DETAILS. |
| B | PROPOSED LANDSCAPING AREA. REFER TO LANDSCAPING PLAN FOR DETAILS. |
| C | FUTURE COLUMBARIUM WALL. |
| D | FUTURE LIMITS OF COLUMBARIUM WALL. |
| E | PROPOSED PARKING AREA. REFER TO DETAIL 1/C2.0 FOR 6" PAVEMENT DETAIL. |
| F | PROPOSED PAVED AREA. REFER TO DETAIL 1/C2.0 FOR 6" PAVEMENT DETAIL. THE PAVEMENT SHALL CONTAIN 6"x6" #1-4/81.4 W.W.F.. |
| G | PROPOSED STAIRS (2 STAIRS AT 7" EACH RISE). REFER TO ARCHITECTURAL PLAN FOR DETAIL. |
| H | PROPOSED CONCRETE CURB. REFER TO DETAIL 4/C2.0 FOR TYPICAL CURB DETAIL. |
| I | PROPOSED DECORATIVE TREE. REFER TO ARCHITECTURAL PLANS FOR DETAIL. |
| J | PROPOSED LINEAR DRAIN. REFER TO ARCHITECTURAL PLANS FOR DETAIL. |
| K | PROPOSED 8" PVC STORM SEWER LINE. SLOPE TO DAYLIGHT. REFER TO DETAIL 3/C2.0 FOR TYPICAL UTILITY BEDDING DETAIL. |
| L | EXISTING CURB TO BE REMOVED. |
| M | PROPOSED BOLLARDS SPACED AT 8.00' ON CENTER. REFER TO ARCHITECTURAL DETAILS. |
| N | PROPOSED PVC WYE WITH END CAP FOR FUTURE DEVELOPMENT. |
| O | PROPOSED HANDRAIL. REFER TO ARCHITECTURAL PLAN FOR DETAILS. |
| P | FUTURE INFRASTRUCTURE. |
| Q | PROPOSED TURNDOWN CURB AT PLANTER WITH CHAMFERED EDGE. REFER TO DETAIL 2/C2.0. |
| R | TAP INTO EXISTING IRRIGATION BOX WITH 1" PVC LINE TO CONNECT WITH PROPOSED YARD HYDRANT IN LANDSCAPING AREA. TOP OF IRRIGATION BOX SHALL BE RAISED TO BE FLUSH WITH SURROUNDING PAVEMENT. TOP OF IRRIGATION BOX SHALL BE A NEEHNAH R-1883-D FRAME AND SOLID LD OR APPROVED EQUAL. |
| S | PROPOSED YARD HYDRANT. REFER TO DETAIL 6/C2.0. |
| T | PROPOSED 2.00' TACTILE WARNING STRIP. REFER TO DETAIL 5/C2.0. |
| U | PROVIDE FULL DEPTH SAW-CUT. TRANSITION NEW CURBS TO MATCH EXISTING IN FINAL 2'-0". |
| V | PROPOSED 4.0'x12.0'x1.0' ROCK BLANKET. |

SITE PLAN NOTES

- ELEVATIONS SHOWN ON THE DRAWINGS ARE REFERENCES TO NAVD 88
- EXISTING UNDERGROUND AND OVERHEAD UTILITIES, PAVEMENT, STRUCTURES, AND OTHER FEATURES DEPICTED ON THE DRAWINGS ARE SHOWN IN THE APPROXIMATE LOCATIONS ONLY. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY, IN THE FIELD, THE EXACT LOCATIONS OF THESE OR ANY OTHER EXISTING FEATURES IN OR ADJACENT TO THE PROJECT LIMITS.
- ALL CONSTRUCTION WILL BE IN ACCORDANCE WITH PROVIDED DRAWINGS AND SPECIFICATIONS.
- FULL DEPTH GRANULAR BACKFILL IS REQUIRED IN ALL LOCATIONS WHERE PROPOSED UTILITIES CROSS UNDER PROPOSED PAVEMENT LOCATIONS.
- CONTRACTOR SHALL SMOOTHLY TRANSITION FINISHED SLOPES TO EXISTING GRADE FOR PLEASING APPEARANCE.
- 6" TOPSOIL STRIPPING SHALL BE REQUIRED IN ALL FILL AREAS.
- FILL LIFTS SHALL BE PLACED AND COMPACTED IN PLACE, AND BROUGHT TO FINAL SUBGRADE IN LOOSE LIFTS NOT TO EXCEED 8 INCHES, COMPACTED TO A MINIMUM OF 95% THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698.
- ALL DIMENSIONS INDICATED HEREON ARE TO FACE OF CURB OR EDGE OF PAVEMENT WHERE NO CURB IS PRESENT, UNLESS OTHERWISE NOTED.

LEGEND

- | | |
|--|-----------------------------|
| | = EXISTING SIGN |
| | = EXISTING WATER SPIGOT |
| | = EXISTING CONCRETE |
| | = EXISTING PINE TREE |
| | = EXISTING DECIDUOUS TREE |
| | = EXISTING CHAIN LINK FENCE |
| | = PROPOSED PAVEMENT |
| | = PROPOSED PARKING |
| | = PROPOSED LANDSCAPING |





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GRADING PLAN

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4 OF 14 SHEETS



GRADING NOTES

1. ELEVATIONS SHOWN ON THE DRAWINGS ARE REFERENCES TO NAVD 88
2. IT IS THE RESPONSIBILITY OF ALL CONTRACTORS TO CONTACT UTILITY COMPANIES AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION ON OR RELATING TO THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE OR ARRANGE FOR THE RELOCATION OF ANY UTILITIES AFFECTED BY THE PROJECT CONSTRUCTION.
3. CONTRACTOR SHALL TAKE ALL MEASURES NECESSARY TO PROTECT CEMETERY AND ADJOINING PROPERTIES FROM THE DELETERIOUS EFFECTS OF EROSION UNTIL PROJECT COMPLETION AND ACCEPTANCE. EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF GRASS IS ESTABLISHED.
4. EROSION CONTROL MEASURES MUST BE IN PLACE AT ANY LOCATION TO BE GRADED AT THE TIME WORK COMMENCES IN THAT PROJECT AREA.
5. FOR AREAS IN FILL, ALL TOP SOIL TO BE STRIPPED. NEW TOP SOIL SHALL BE BROUGHT IN AND APPLIED TO FINISHED GRADE.
6. FILL LIFTS SHALL BE PLACED AND COMPACTED IN PLACE AND BROUGHT TO FINAL SUBGRADE IN LOOSE LIFTS NOT TO EXCEED 8 INCHES, COMPACTED TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698.
7. EROSION CONTROL AND POSITIVE STORM WATER RUNOFF DURING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE OWNER AND THE CONTRACTOR. ALL SILT AND OTHER DEBRIS SHOULD BE CONTAINED ON SITE, INCLUDING, BUT NOT LIMITED TO MUD ON THE STREETS.
8. ALL FINISHED GRADE CONTOURS ARE TO THE TOP OF THE FINAL SURFACE COURSE OF PAVEMENT OR EARTH.
9. IF THESE IMPROVEMENTS ADVERSELY IMPACT CEMETERY OR ADJOINING PROPERTIES, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CORRECT THE PROBLEM.
10. EROSION CONTROL BLANKETS SHALL BE PLACED ON SLOPES GREATER THAN 3:1
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INFRASTRUCTURE WITHIN PROJECT LIMITS.
12. ALL FINISHED GRADE SPOT ELEVATIONS INDICATED HEREON ARE TO THE TOP OF SLAB UNLESS NOTED OTHERWISE.
13. CONTRACTOR SHALL USE DISPOSABLE CONTAINERS FOR CONCRETE WASHOUT AREA.

LEGEND

- SILT FENCE
- LIMITS OF DISTURBANCE
- TRANSITION CURB TO MATCH EXISTING CURB IN FINAL 2'-0"
- MATCH NEW PAVEMENT GRADE TO EXISTING GRADE



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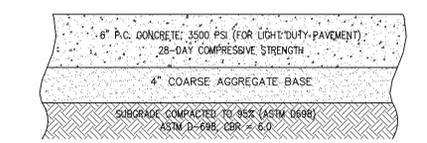
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SHEET TITLE:
CIVIL DETAILS

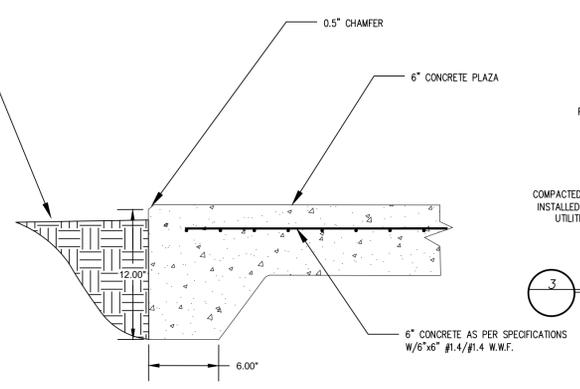
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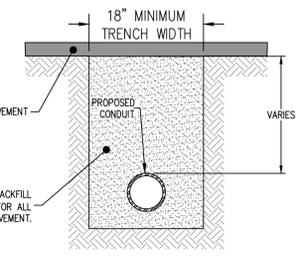
5 OF 14 SHEETS



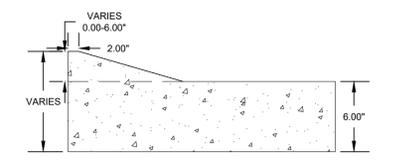
1 TYPICAL 6" CONCRETE PAVEMENT SECTION
SCALE: NOT TO SCALE



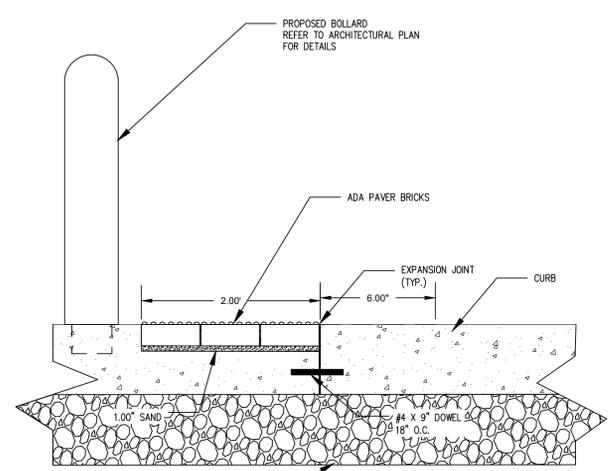
2 TYPICAL TURNDOWN CURB SECTION
SCALE: NOT TO SCALE



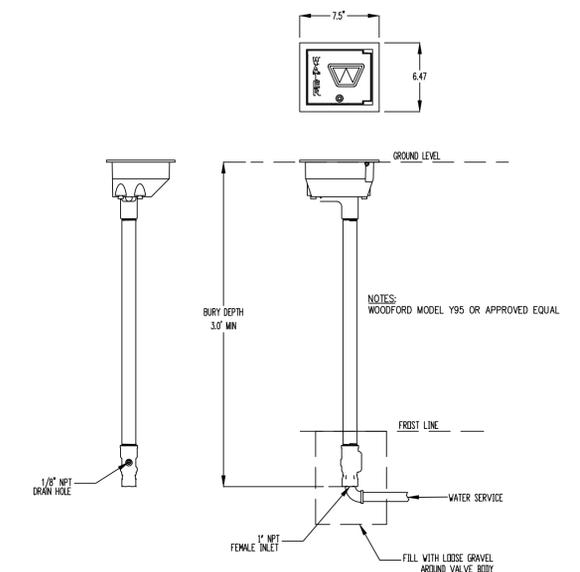
3 TYPICAL UTILITY TRENCH DETAIL
SCALE: NOT TO SCALE



4 TYPICAL CURB SECTION
SCALE: NOT TO SCALE



5 TYPICAL ADA TACTILE STRIP DETAIL
SCALE: NOT TO SCALE



6 TYPICAL YARD HYDRANT DETAIL
SCALE: NOT TO SCALE



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SHEET TITLE:
**EROSION CONTROL
DETAILS**

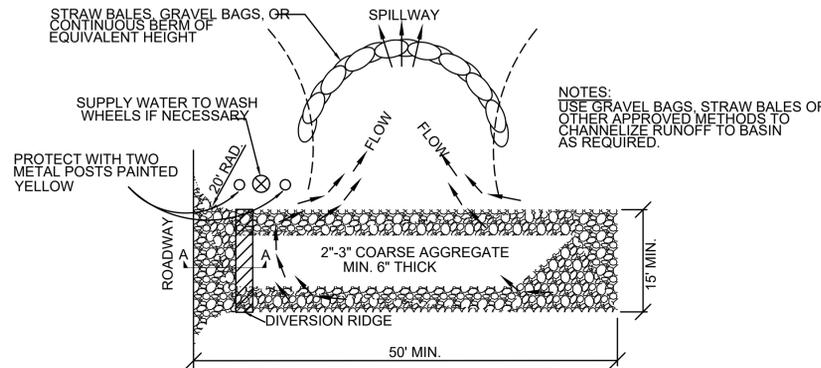
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6 OF 14 SHEETS

EROSION AND SEDIMENT CONTROL NOTES

- INFORMATION ON THIS PLAN IS FOR EROSION AND SEDIMENT CONTROLS ONLY. SEE THE GRADING PLAN FOR ADDITIONAL REQUIREMENTS. IN ADDITION, THE SWPPP SHALL BE PROVIDED, UPON REQUEST, TO THE DEPARTMENT OF NATURAL RESOURCES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE IMPLEMENTATION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL WORK, AND SHALL INSURE THAT WORK IS IN ACCORDANCE WITH THIS APPROVED PLAN. IF SOIL DISTURBANCE IS LESS THAN 5 ACRES, FORM O SHALL BE USED. IF SOIL DISTURBANCE IS GREATER THAN 5 ACRES, FORM E SHALL BE USED. IN ADDITION, ALL EROSION AND SEDIMENT CONTROLS OUTLINED IN THE SITE'S STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL ALSO BE IMPLEMENTED, OR AS DIRECTED BY MISSOURI DEPARTMENT OF NATURAL RESOURCES.
- THE CONTRACTOR SHALL BE AVAILABLE WITH EQUIPMENT AND WORKERS FOR EMERGENCY WORK AT ALL TIMES. NECESSARY MATERIALS SHALL BE STOCKPILED AT CONVENIENT LOCATIONS ON SITE TO FACILITATE RAPID CONSTRUCTION AND MAINTENANCE OF TEMPORARY EROSION AND SEDIMENT CONTROLS. TEMPORARY EROSION AND SEDIMENT CONTROLS SHALL CONSIST OF, BUT NOT BE LIMITED TO, CONSTRUCTING FACILITIES AND TAKING MEASURES NECESSARY TO PREVENT, REDUCE, CONTROL, AND ABATE DAMAGE DUE TO WATER, MUD, AND DEBRIS RESULTING FROM EROSION AND SEDIMENT TRANSPORT/DEPOSITION TO PUBLIC AND PRIVATE PROPERTY FROM CONSTRUCTION ACTIVITIES OF THIS PROJECT.
- DRAINAGE AREAS:
 - CLEARING AND GRUBBING WITHIN 50 FEET OF A DEFINED DRAINAGE COURSE SHOULD BE AVOIDED.
 - WHERE CHANGES TO DEFINED DRAINAGE COURSES OCCUR AS PART OF THE PROJECT, CLEARING AND GRUBBING WITHIN 50 FEET OF THE DEFINED COURSE SHOULD BE DELAYED UNTIL ALL MATERIALS AN EQUIPMENT NECESSARY TO PROTECT AND COMPLETE THE DRAINAGE CHANGE ARE ON SITE.
 - CHANGES TO DRAINAGE AREAS SHALL BE COMPLETED AS QUICKLY AS POSSIBLE ONCE THE WORK HAS BEEN INITIATED. THE AREA IMPACTED BY THE LAND DISTURBANCE OF THE DRAINAGE COURSE CHANGE IS TO BE RE-VEGETATED OR PROTECTED FROM EROSION AS SOON AS POSSIBLE.
 - AREAS WITHIN 50 FEET OF DEFINED DRAINAGE WAYS SHOULD BE RECONTOURED AS NEEDED AND RE-VEGETATED, SEEDED, OR OTHERWISE PROTECTED WITHIN FIVE (5) WORKING DAYS AFTER GRADING HAS CEASED.
 - WORK IN DEFINED DRAINAGES OR WATER COURSES MAY REQUIRE A PERMIT FROM THE UNITED STATES ARMY CORPS OF ENGINEERS PURSUANT TO SECTION 404 OF THE FEDERAL CLEAN WATER ACT.
- ALL EROSION AND SEDIMENT CONTROLS SHALL BE IMPLEMENTED AND MAINTAINED (I.E. INSPECTED, RESTORED, REPAIRED, OR MODIFIED) ON A CONTINUAL BASIS THROUGHOUT THE SITE DURING CONSTRUCTION ACTIVITIES TO PROTECT DOWNGRADE PERIMETERS, ADJACENT PROPERTIES, ENVIRONMENTALLY SENSITIVE AREAS, WATERCOURSES, CURBS, GUTTERS, STREETS, DRAINAGE INLETS, AND OTHER PRIVATE AND PUBLIC STORM WATER CONVEYANCE SYSTEMS.
- ALL REMOVABLE EROSION CONTROLS, SUCH AS BLANKETS AND MATS, SHOWN ON THIS PLAN, AND OUTLINED IN THE MISSOURI DEPARTMENT OF NATURAL RESOURCES PROTECTING WATER QUALITY BOOKLET, SHALL BE IN PLACE AT THE END OF EACH WORKING DAY. SIMILAR CONTROL DEVICES SHALL BE IMPLEMENTED, AS APPLICABLE, TO MITIGATE DUST FROM WIND EROSION.
- DURING CONSTRUCTION, SEDIMENT CONTROLS, SUCH AS CURB AND GUTTER CHEVRONS, DRAINAGE INLET PROTECTION, SEDIMENT TRACKING CONTROLS, ETC., SHALL BE IMPLEMENTED. IN ADDITION, ANY NON-STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION-RELATED ACTIVITIES MUST BE PREVENTED FROM REACHING STREETS, CURBS, GUTTERS, AND ALL OTHER STORM WATER CONVEYANCE SYSTEMS. ROUTINE STREET CLEANING SHALL BE PERFORMED BY DRY METHODS ONLY.
- ALL CONSTRUCTION ENTRANCES SHALL BE STABILIZED (I.E. GRAVEL, SHAKER PLATES, ETC.) YEAR-ROUND TO PREVENT MUD, SEDIMENT, AND DUST FROM BEING TRACKED OUT OF THE SITE BY VEHICULAR TRAFFIC.
- ALL SILT AND DEBRIS SHALL BE REMOVED FROM CHECK DAMS, SILT FENCES, DESILTING BASINS, CURBS, GUTTERS, STREETS, BROW DITCHES, TERRACE DRAINS, AND OTHER PRIVATE AND PUBLIC STORM WATER CONVEYANCE SYSTEMS PRIOR TO AND AFTER EACH RAINSTORM. DRAINAGE INLETS SHALL BE PROTECTED TO PREVENT SEDIMENT AND DEBRIS FROM ENTERING DOWNSTREAM STORM WATER CONVEYANCE SYSTEMS. STREETS SHALL BE CLEANED PER LOCAL CODE.
- THE CONTRACTOR SHALL CONDUCT OPERATIONS IN SUCH A MANNER THAT STORM WATER RUNOFF WILL BE CONTAINED ON SITE THROUGH DESILTING BASINS, EARTH BERMS, ETC., OR FILTERED THROUGH A SERIES OF BMPs, SUCH AS SAND/GRAVEL BAGS, SILT FENCE, FIBER ROLLS, FILTER CLOTH, ETC., TO THE STORM SEWER SYSTEM.
- EXISTING VEGETATION SHALL BE PRESERVED WHERE PRACTICAL. THE TIME PERIOD FOR DISTURBED AREAS TO BE WITHOUT VEGETATIVE COVER IS TO BE MINIMIZED TO THE EXTENT PRACTICAL.
- ADDITIONAL SITE MANAGEMENT BMPs REQUIRED TO PREVENT CONTAMINATION OF STORM WATER RUNOFF INCLUDES IF NEEDED BUT OR NOT LIMITED TO:
 - SOLID AND HAZARDOUS WASTE MANAGEMENT INCLUDING: PROVIDING TRASH CONTAINERS AND REGULAR SITE CLEAN UP FOR PROPER DISPOSAL OF SOLID WASTE SUCH AS SCRAP BUILDING MATERIAL.
 - PRODUCT/MATERIAL SHIPPING WASTE, FOOD CONTAINERS, AND CUPS, AND PROVIDING CONTAINERS AND PROPER DISPOSAL OF WASTE PAINTS, SOLVENTS, AND CLEANING COMPOUNDS, ETC.
 - PROVISION OF PORTABLE TOILETS FOR PROPER DISPOSAL OF SANITARY SEWAGE.
 - STORAGE OF CONSTRUCTION MATERIALS AWAY FROM DRAINAGE COURSES AND LOW AREA.
 - INSTALLATION OF CONTAINMENT BERMS AND USE OF DRIP PANS AT PETROLEUM PRODUCT AND LIQUID STORAGE TANKS AND CONTAINERS.
- EMERGENCY ACCESSES SHALL BE MAINTAINED AT ALL TIMES (INCLUDING ACCESS TO NEIGHBORING PROPERTIES).
- NO OBSTRUCTION OR DISTURBANCE, OTHER THAN FILTERING BMPs, SHALL OCCUR TO ANY EXISTING PUBLIC, OR PRIVATE, STORM WATER CONVEYANCE SYSTEM, UNLESS ADEQUATE TEMPORARY / PERMANENT DRAINAGE FACILITIES HAVE BEEN APPROVED AND INSTALLED TO CARRY SURFACE WATER TO THE NEAREST PRACTICAL STORM SEWER OR NATURAL WATER COURSE.
- PERMANENT STORM WATER MANAGEMENT:
 - FOR PERMANENT DRAINAGE MEASURE INSTALLED SEE GRADING AND IMPROVEMENT PLANS FOR THIS PROJECT.
 - THE OUTLETS OF ALL DETENTION/SEDIMENT BASINS, TRAPS, AND LOCATIONS OF ARTIFICIALLY CONCENTRATED FLOW SHALL BE PROVIDED WITH OUTLET PROTECTION TO PREVENT EROSION AND SCOUR.
- THE MISSOURI DEPARTMENT OF NATURAL RESOURCES' APPROVAL OF THIS PLAN DOES NOT RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITIES FOR THE CORRECTION OF ERRORS AND OMISSIONS DISCOVERED DURING CONSTRUCTION. UPON REQUEST, THE REQUIRED PLAN REVISIONS SHALL BE PROMPTLY SUBMITTED TO THE DEPARTMENT OF PUBLIC WORKS FOR APPROVAL.
- THE MISSOURI DEPARTMENT OF NATURAL RESOURCES RESERVES THE RIGHT TO MAKE CHANGES OR MODIFICATIONS TO THIS PLAN AS DEEMED NECESSARY. CHANGES OR CORRECTIONS TO THE PLANS SHOULD BE DOCUMENTED IN THE CONTRACTOR'S REPRESENTATIVE'S NOTES.
- DISTURBED AREAS:
 - WHERE SOIL DISTURBING ACTIVITIES CEASE IN AN AREA FOR MORE THAN 14 DAYS, THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE EROSION CONTROL BMPs.
 - IF THE SLOPE OF THE AREA IS GREATER THAN 3:1 OR IF THE SLOPE IS GREATER THAN 3% AND GREATER THAN 150 FEET IN LENGTH, THEN THE DISTURBED AREAS SHALL BE PROTECTED FROM EROSION BY STABILIZING THE AREA WITH MULCH OR OTHER SIMILARLY EFFECTIVE EROSION CONTROL BMPs IF ACTIVITIES CEASE FOR MORE THAN SEVEN DAYS.
 - THESE REQUIREMENTS DO NOT APPLY TO THE SLOPES OF A SEDIMENTATION BASIN OR THE AREAS THAT CLEARLY DRAIN THERETO.
- THE CONTRACTOR SHALL ONLY GRADE, INCLUDING CLEARING AND GRUBBING FOR THE AREAS FOR WHICH THE CONTRACTOR CAN PROVIDE EROSION/SEDIMENT CONTROL MEASURES.
- SEDIMENT CONTROL BMPs ARE REQUIRED AT APPROPRIATE LOCATIONS ALONG THE PERIMETER AND AT ALL OPERATIONAL INTERNAL INLETS TO THE STORM SEWER SYSTEM AT ALL TIMES. LIMITED EXEMPTIONS MAY BE AUTHORIZED WHEN WORK ON ACTIVE AREAS PRECLUDE THE USE OF SEDIMENT CONTROL BMPs TEMPORARILY.
- INSPECTIONS SHALL BE PERFORMED BEFORE AND AFTER STORM EVENTS AND ONCE EACH 24-HOURS PERIOD DURING EXTENDED STORM EVENTS TO IDENTIFY BMP EFFECTIVENESS AND IMPLEMENT REPAIRS OR DESIGN CHANGES AS SOON AS FEASIBLE, DEPENDING ON FIELD CONDITIONS. EQUIPMENT, MATERIALS AND WORKERS MUST BE AVAILABLE FOR RAPID RESPONSE TO FAILURES AND EMERGENCIES. ALL CORRECTIVE MAINTENANCE TO BMPs SHALL BE PERFORMED AS SOON AS POSSIBLE AFTER THE CONCLUSION OF EACH STORM, DEPENDING UPON WORKER SAFETY.
- RECORDS OF ALL INSPECTIONS, COMPLIANCE CERTIFICATIONS, AND NONCOMPLIANCE REPORTING MUST BE RETAINED UNTIL THE RELEASE OF THE PERMIT.
- PROVIDE A GRAVEL BAG SILT BASIN, TRAP, OR AN APPROVED EQUIVALENT BY EVERY STORM SEWER INLET TO PREVENT SEDIMENT FROM ENTERING THE DRAINAGE SYSTEM.

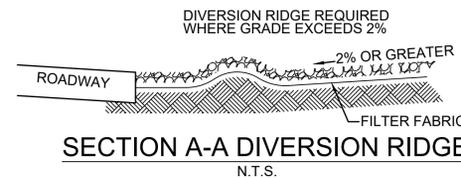


- NOTES:
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH

STABILIZED CONSTRUCTION ENTRANCE

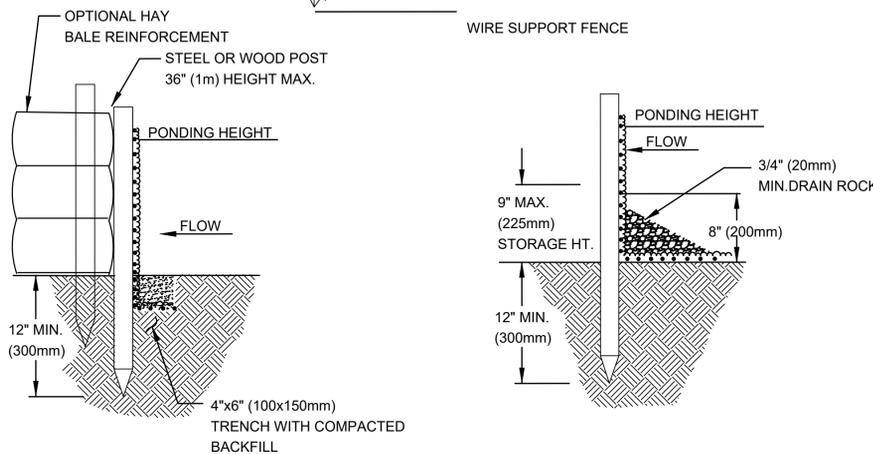
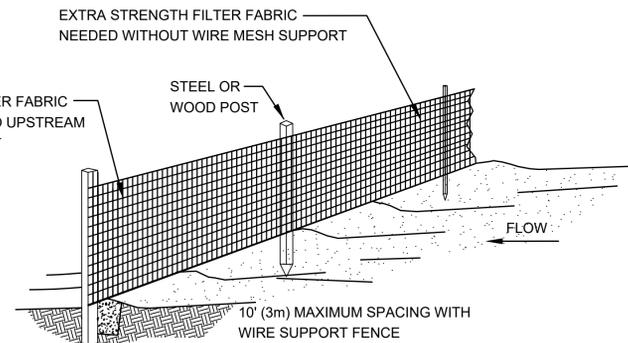
N.T.S.

REFERENCE CHAPTER 5 OF MODOT'S PROTECTING WATER QUALITY BOOK, PAGES 27-29.



SECTION A-A DIVERSION RIDGE

N.T.S.



TRENCH DETAIL

INSTALLATION WITHOUT TRENCHING

N.T.S. REFERENCE CHAPTER 5 OF MODOT'S PROTECTING WATER QUALITY BOOK, PAGES 175-182.

Silt Fencing Notes

This sediment barrier utilizes standard strength or extra strength synthetic filter fabrics. It is designed for situations in which only sheet or overland flows are expected.

- The height of the sediment fence shall not exceed 24 inches (Higher fences may impound volumes of water sufficient to cause failure of the structure).
- The filter fabric shall be purchased in a continuous roll cut to the length of the barrier to avoid the use of joints. When joints are necessary, filter cloth shall be spliced together only at a support post, with a minimum 6-inch overlap, and securely sealed.
- Post shall be spaced a maximum of 10 feet apart at the barrier location and driven securely into the ground (minimum of 12 inches). When extra strength fabric is not used without the wire support fence, post spacing shall not exceed 6 feet.
- A trench shall be excavated approximately 4 inches wide and 4 inches deep along the line of post and upslope from the barrier.
- When standard strength filter fabric is used, a wire mesh support fence shall be fastened securely to the upslope side of the post using heavy duty wire staples atleast 1 inch long, tie wires or hog rings. The wire shall extend into the trench a minimum of 2 inches and shall not extend more than 24 inches above the original ground surface.
- The standard strength filter fabric shall be stapled or wired to the fence, and 8-inches of the fabric shall be extended into the trench. The fabric shall not extend more than 24 inches above the original ground surface. Filter fabric shall not be stapled to existing trees.

- When extra strength filter fabric and closer post spacing are used, the wire mesh support fence may be eliminated in such a case, the filter fabric is stapled or wired directly to the post with all other provisions of item no. 6 applying.
- The trench shall be backfilled and the soil compacted over the filter fabric.
- Sediment fences shall be removed when they have served their useful purpose, but not before the upslope area has been permanently stabilized.

MAINTENANCE:

- Sediment fences and filter barriers shall be inspected immediately after each rainfall and at least daily during prolonged rainfall. Any required repairs shall be made immediately.
- Should filter fabric on a sediment fence or filter barrier decompose or become ineffective prior to the end of the expected useable life and the barrier is still necessary, the fabric shall be replaced promptly.
- Sediment deposits should be removed after each storm event. The MUST be removed when deposits reach approximately one-third the height of the barrier.
- Any sediment deposits remaining in place after the sediment fence or filter fabric barrier is no longer required shall be dressed to conform with the existing grade, prepared, and seeded.



LANDSCAPE NOTES

- CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITY LINES PRIOR TO EXCAVATING.
- ALL WATER REQUIRED FOR LANDSCAPE OPERATIONS WILL BE PROVIDED BY OWNER FROM ON-SITE SOURCES AT NO CHARGE TO CONTRACTOR.
- NO SUBSTITUTIONS SHALL BE ALLOWED WITHOUT ARCHITECTS' APPROVAL.
- QUANTITIES IN THE PLANT LIST ARE FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY AND PROVIDE REQUIRED QUANTITIES.
- EDGING SHALL BE 4" 10 GAUGE PRO-STEEL BRAND EDGING (COLOR: GREEN) OR APPROVED EQUAL.
- THE PLANTING BEDS RECEIVING MULCH SHALL BE TREATED WITH A PRE-EMERGENT HERBICIDE AFTER PLANTING AND MULCH PLACEMENT. APPLY IN ACCORDANCE WITH STANDARD TRADE PRACTICE.
- ANY PLANTING BED ADJACENT TO WALKS OR CURBS SHALL HAVE THE GRADE LOWERED TO A SUFFICIENT DEPTH TO ALLOW THE TOP OF THE MULCH TO MATCH THE TOP OF WALK OR CURBS. EDGING SHALL BE INSTALLED BETWEEN PLANTING BEDS AND TURF - DO NOT INSTALL EDGING BETWEEN PLANTING BEDS AND CURBS OR SIDEWALK EDGES.
- DO NOT GRADE PLANTING BEDS WITH STEEP, ABRUPT SLOPES DOWN TO EDGING OR CONCRETE EDGES. ALL PLANTING BEDS SHALL HAVE EVEN SMOOTH SLOPES.
- MULCH SHALL BE GRADE A SHREDDED CYPRESS MULCH INSTALLED IN A 3" LAYER IN ALL SHRUB BEDS.
- PLANTS SHALL BE TAGGED WITH LABELS IDENTIFYING COMMON AND BOTANICAL NAME UNTIL FINAL ACCEPTANCE IS GIVEN.

PLANT LIST

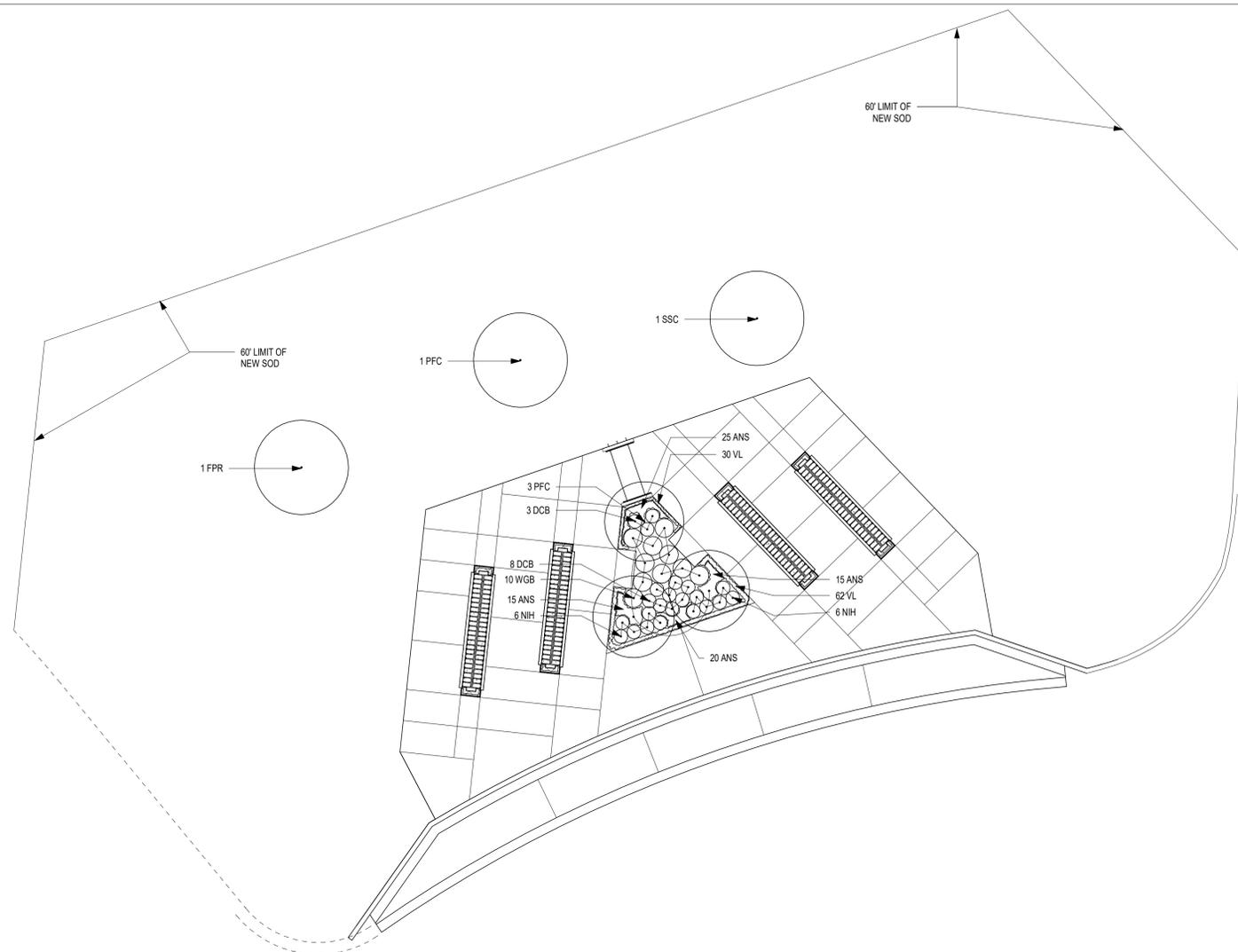
KEY	QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE & SPACING	CONDITION
DECIDUOUS TREES					
FPR	1	FOREST PANSY REDBUD	<i>Cercis canadensis</i> 'Forest Pansy'	1 1/2" cal.	Balled-in-Burlap
PFC	4	PRAIRIEFIRE CRABAPPLE	<i>Malus</i> 'Prairiefire'	2" cal.	Balled-in-Burlap
SSC	1	SPRING SNOW CRABAPPLE	<i>Malus</i> 'Spring Snow'	2" cal.	Balled-in-Burlap

SHRUBS

DCB	8	DWARF CRANBERRY BUSH	<i>Viburnum opulus</i> 'Nanum'	5 gallon, 2.6'-3.0' O.C.	Container
NIH	12	NORDIC INKBERRY HOLLY	<i>Ilex glabra</i> 'Chamzini'	5 gallon, 2.6'-3.0' O.C.	Container
WGB	10	'WINTER GEM' BOXWOOD	<i>Buxus micro. var. koreana</i> 'Winter Gem'	5 gallon, 2.6'-3.0' O.C.	Container

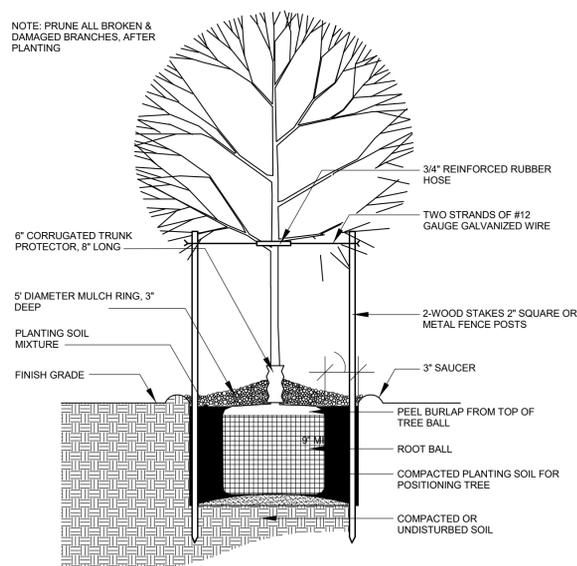
PERENNIALS

ANS	75	'APRIL NIGHT' SALVIA	<i>Salvia x sylvestris</i> 'April Night'	4" pots, 15"-18"	Container
VL	92	VARIEGATED LIRIOPE	<i>Liriope muscari</i> 'Variegata'	1 gallon, 15"-18"	Container



2 COLUMBARIUM PLAZA PLANTING PLAN
1/16" = 1'-0"

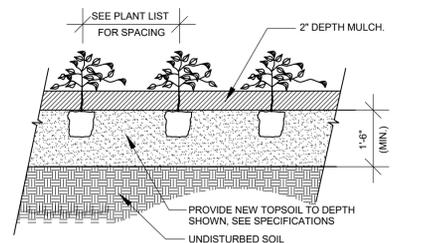
NOTE: PRUNE ALL BROKEN & DAMAGED BRANCHES, AFTER PLANTING



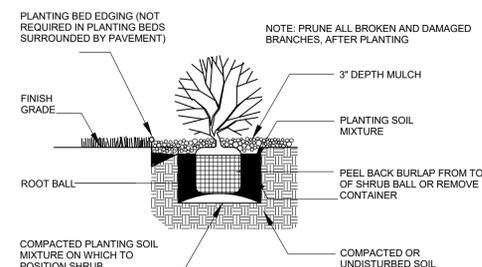
1 DECIDUOUS TREE PLANTING DETAIL
N.T.S.

PLANT SPACING

SPACING "D"	ROW "A"
6" O.C.	5.2"
9" O.C.	7.8"
12" O.C.	10.4"
18" O.C.	15.6"
24" O.C.	20.8"
30" O.C.	26.0"
36" O.C.	31.2"



3 PERENNIALS AND GRASSES PLANTING DETAIL
N.T.S.



4 SHRUB PLANTING DETAIL
N.T.S.



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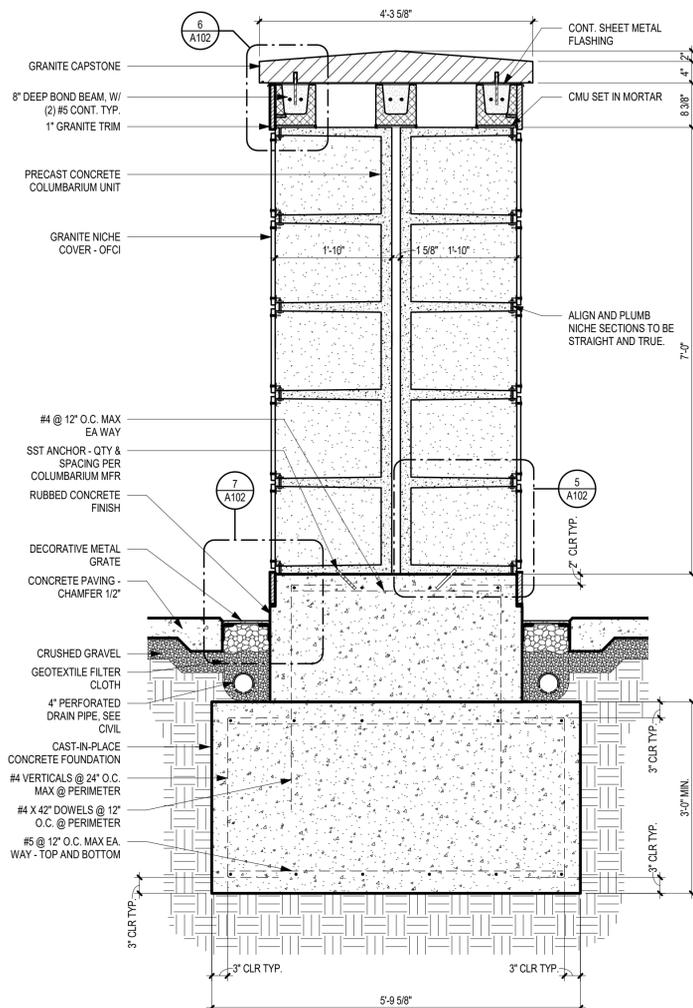
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DESIGNED BY: KRM

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**ENLARGED PLAN,
WALL SECTIONS &
DETAILS**

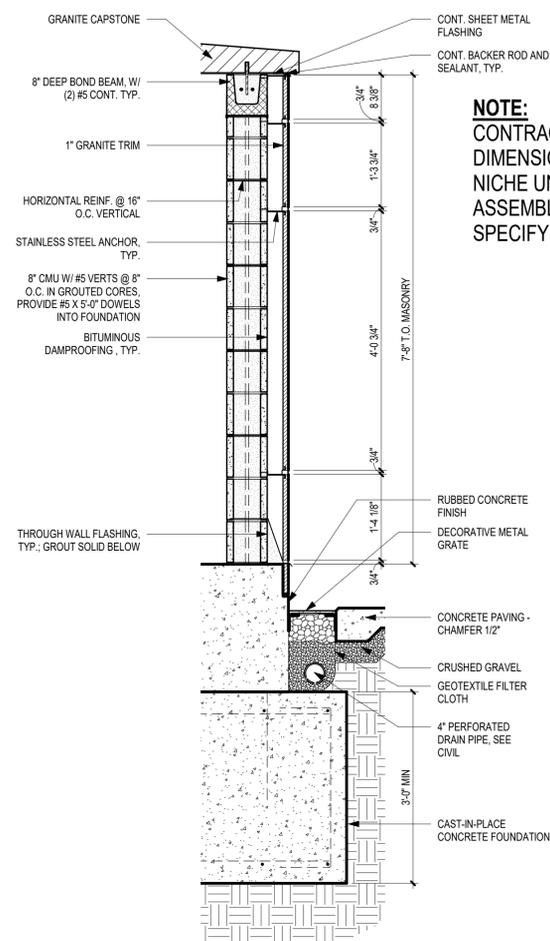
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9 OF 14 SHEETS

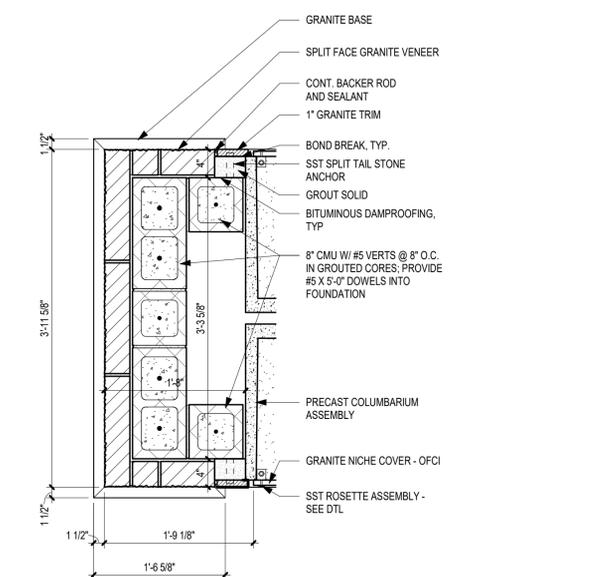


1 WALL SECTION @ COLUMBARIUM NICHE
3/4" = 1'-0"

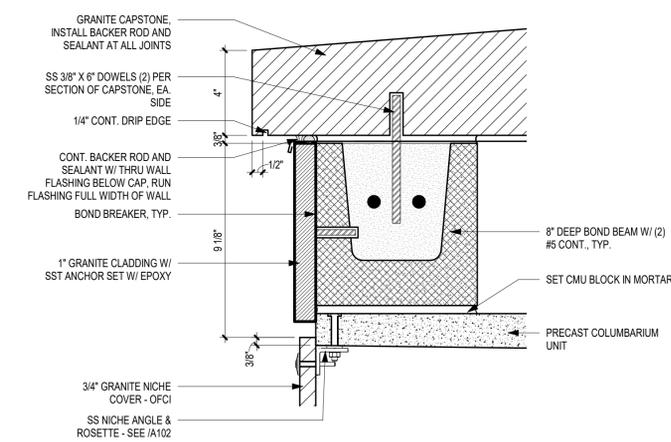


2 WALL SECTION @ GRANITE TRIM
3/4" = 1'-0"

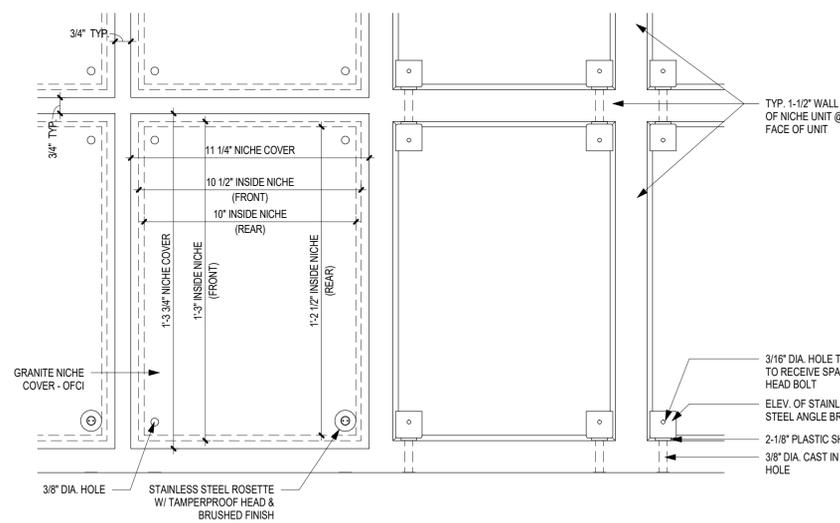
NOTE:
CONTRACTOR TO COORDINATE AND ADJUST ALL DIMENSIONS WITH ACTUAL SIZE OF COLUMBARIUM NICHE UNIT TO BE SUPPLIED. COLUMBARIUM NICHE ASSEMBLY SHOP DRAWINGS SHALL SHOW AND SPECIFY ALL DETAILS FOR SST NICHE ANCHORAGE.



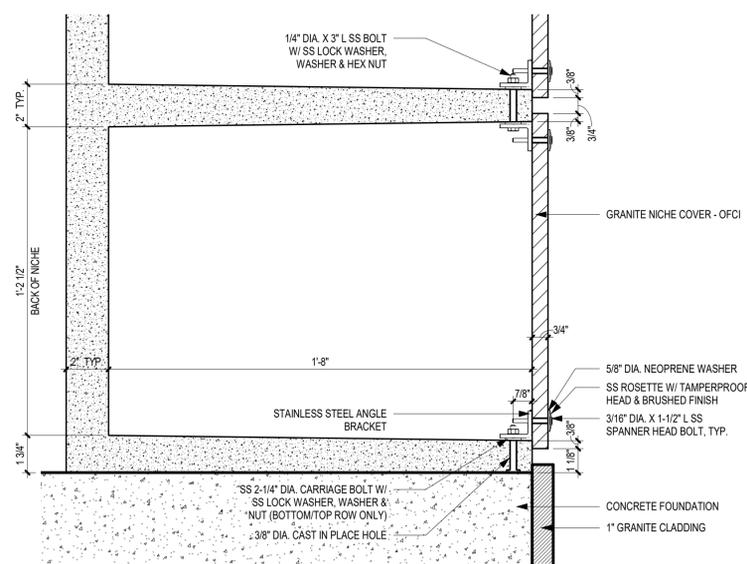
3 COLUMBARIUM END WALL ENG. PLAN
1" = 1'-0"



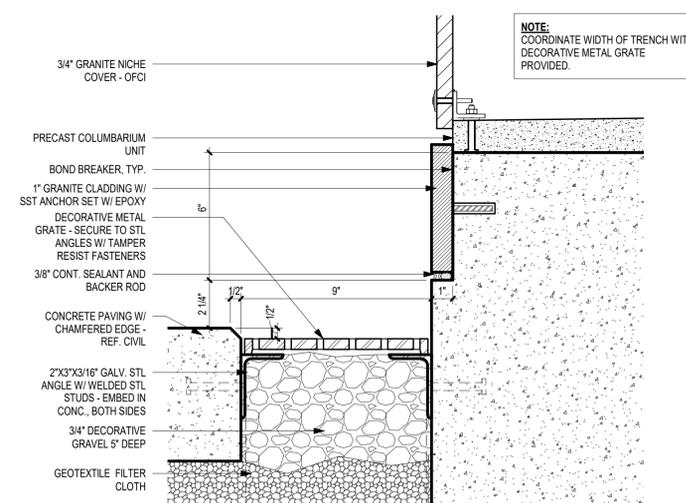
6 TYP. GRANITE CAP DTL
3" = 1'-0"



4 TYP. NICHE ELEVATION
3" = 1'-0"



5 TYP. SECTION THRU NICHE
3" = 1'-0"



7 TYP. NICHE BASE DTL
3" = 1'-0"



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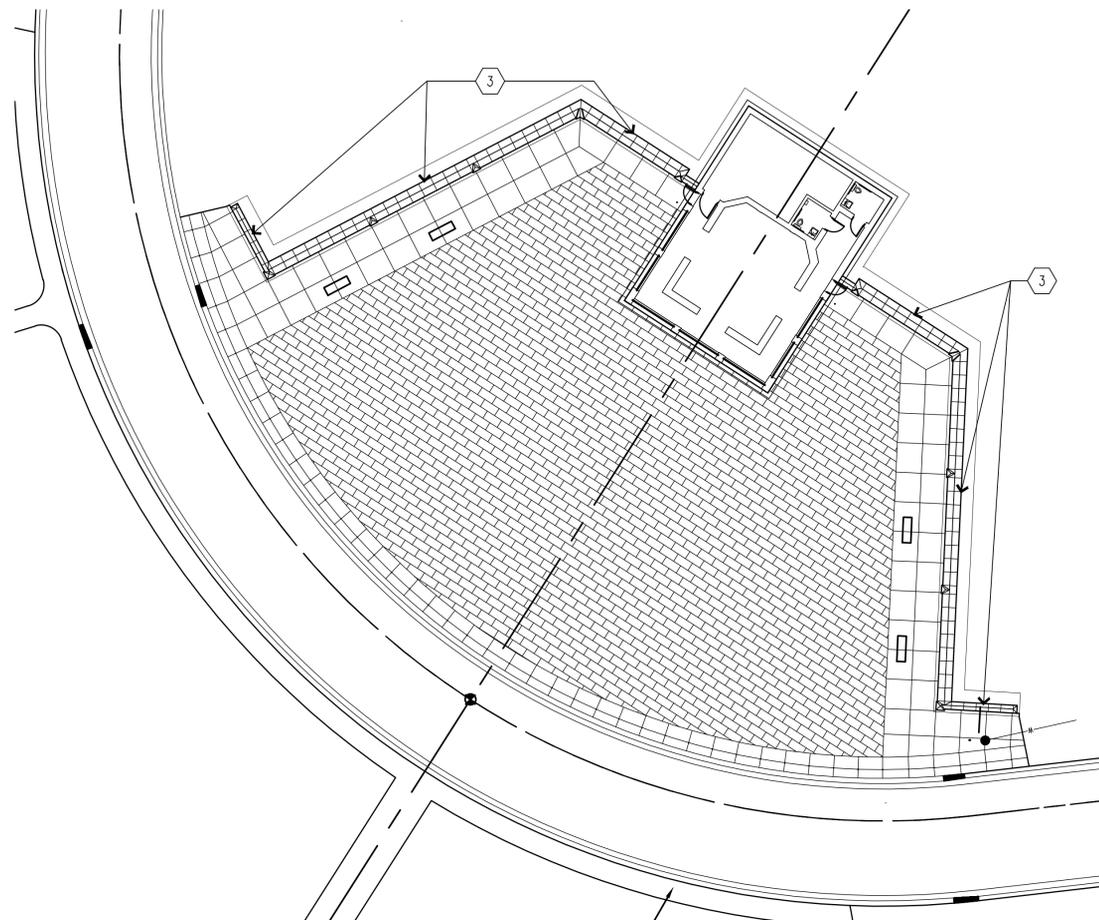
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**COMMITTAL
SHELTER PLAN &
ELEVATIONS**

SHEET NUMBER:

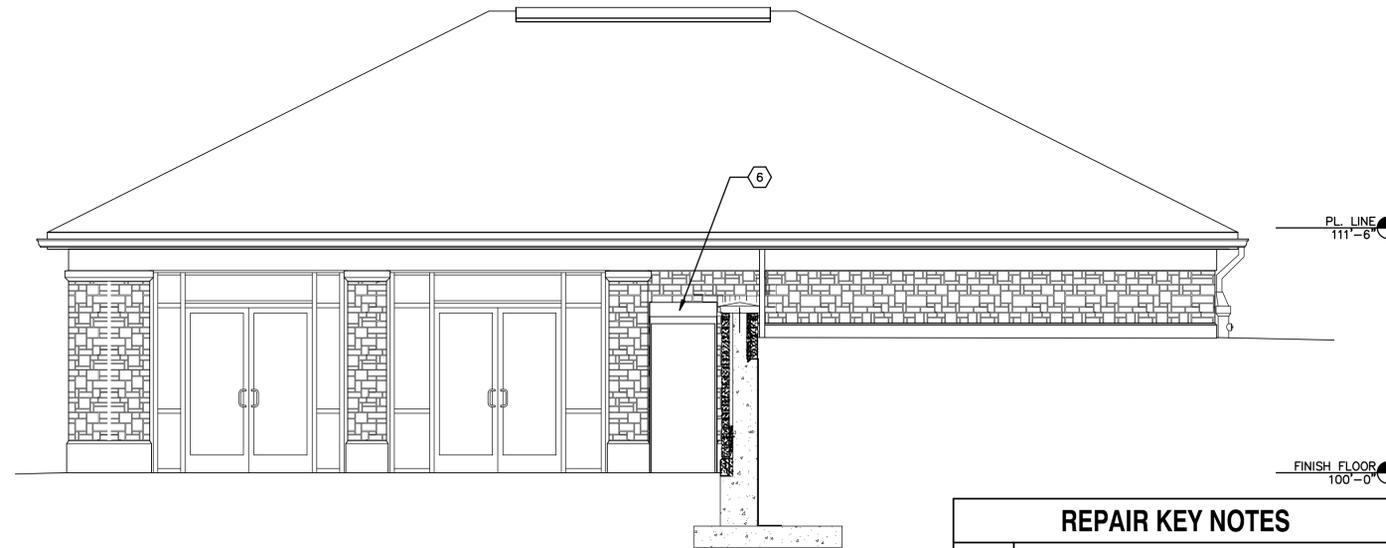
A201

10 OF 14 SHEETS



**EXISTING COMMITTAL
SHELTER PLAZA LAYOUT PLAN**

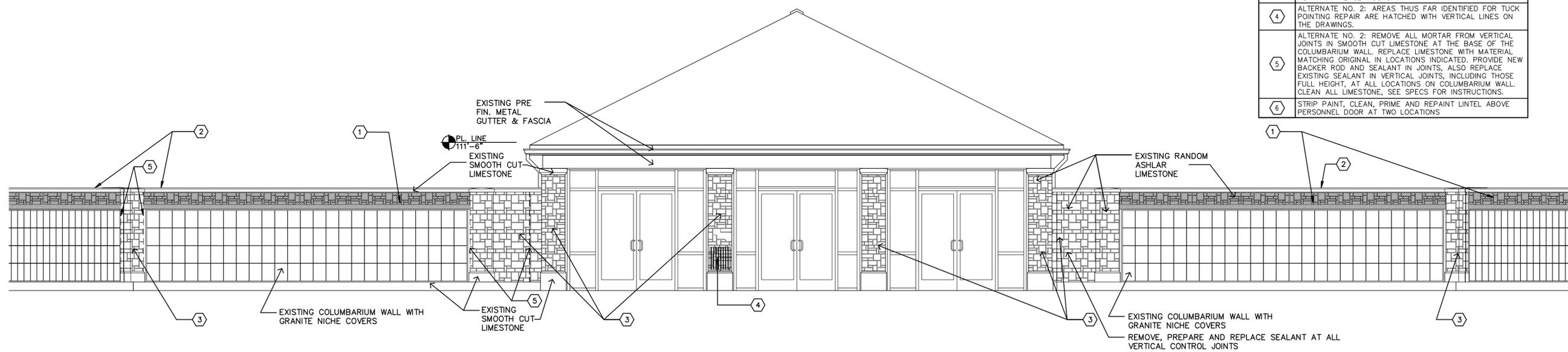
0' 10' 20' 40'
1"=20.0'



1 SIDE ELEVATION

0' 2' 4' 6'
1/4"=1'-0"

REPAIR KEY NOTES	
MARK NUMBER	DESCRIPTION (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING ALTERNATE BID ITEMS AND UNIT PRICES)
①	ALTERNATE BID NO.1: REMOVE STONE ABOVE LINTEL INCLUDING CUT STONE AND ASHLAR STONE AS NECESSARY UP TO THE BOTTOM OF STONE WALL CAP. REMOVE LINTEL AND REPLACE WITH NEW 4" X 4" X 1/2" STAINLESS-STEEL LINTEL AND NEW STAINLESS-STEEL ANCHORS AND STANDOFFS AS SPECIFIED. SEE ALSO 5/AZ04 FOR PHOTOGRAPH FURTHER ILLUSTRATING THE EXISTING CONDITION. PROVIDE PLYWOOD COVERING TO PROTECT NICHE WALL THROUGHOUT THE COURSE OF THIS WORK.
②	ALTERNATE BID NO. 1: REMOVE EXISTING SEALANT FROM VERTICAL AND SLOPED JOINTS IN STONE WALL CAP. REPLACE WITH NEW BACKER ROD AND SEALANT AS SPECIFIED.
③	ALTERNATE NO. 2: INSPECT ALL EXISTING ASHLAR LIMESTONE FOR AREAS NEEDING TUCK POINTING. PROVIDE TUCK POINTING TO MATCH ORIGINAL MORTAR COLOR AND CONSISTENCY AS CLOSELY AS POSSIBLE. PROVIDE ONE AREA UP TO 4 SQUARE FEET AS DESIGNATED BY OWNER AS AN IN-PLACE MOCKUP.
④	ALTERNATE NO. 2: AREAS THUS FAR IDENTIFIED FOR TUCK POINTING REPAIR ARE HATCHED WITH VERTICAL LINES ON THE DRAWINGS.
⑤	ALTERNATE NO. 2: REMOVE ALL MORTAR FROM VERTICAL JOINTS IN SMOOTH CUT LIMESTONE AT THE BASE OF THE COLUMBARIUM WALL. REPLACE LIMESTONE WITH MATERIAL MATCHING ORIGINAL IN LOCATIONS INDICATED. PROVIDE NEW BACKER ROD AND SEALANT IN JOINTS, ALSO REPLACE EXISTING SEALANT IN VERTICAL JOINTS, INCLUDING THOSE FULL HEIGHT, AT ALL LOCATIONS ON COLUMBARIUM WALL. CLEAN ALL LIMESTONE, SEE SPECS FOR INSTRUCTIONS.
⑥	STRIP PAINT, CLEAN, PRIME AND REPAINT LINTEL ABOVE PERSONNEL DOOR AT TWO LOCATIONS



2 SOUTH ELEVATION

0' 2' 4' 6'
1/4"=1'-0"



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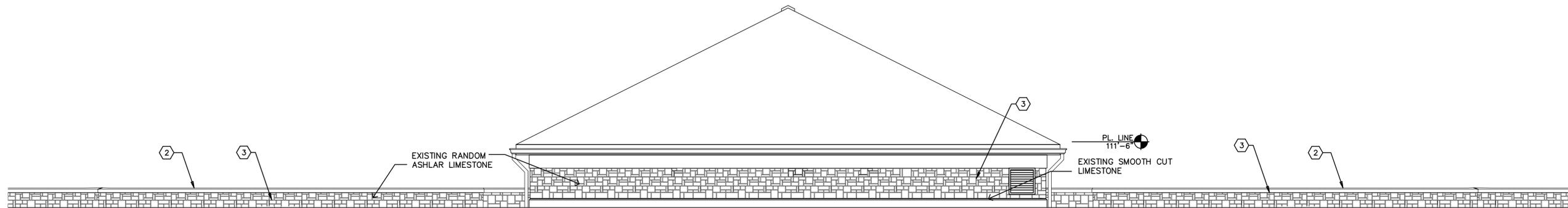
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**COMMITTAL
SHELTER
ELEVATIONS**

SHEET NUMBER:

A202

11 OF 14 SHEETS



1 REAR ELEVATION

0' 2' 4' 6' 1/4"=1'-0"



2 SIDE ELEVATION

0' 2' 4' 6' 1/4"=1'-0"

REPAIR KEY NOTES	
MARK NUMBER	DESCRIPTION (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING ALTERNATE BID ITEMS AND UNIT PRICES)
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2	ALTERNATE BID NO. 1: REMOVE EXISTING SEALANT FROM VERTICAL AND SLOPED JOINTS IN STONE WALL CAP. REPLACE WITH NEW BACKER ROD AND SEALANT AS SPECIFIED.
3	ALTERNATE NO. 2: INSPECT ALL EXISTING ASHLAR LIMESTONE FOR AREAS NEEDING TUCK POINTING. PROVIDE TUCK POINTING TO MATCH ORIGINAL MORTAR COLOR AND CONSISTENCY AS CLOSELY AS POSSIBLE. PROVIDE ONE AREA UP TO 4 SQUARE FEET AS DESIGNATED BY OWNER AS AN IN-PLACE MOCKUP.
4	ALTERNATE NO. 2: AREAS THUS FAR IDENTIFIED FOR TUCK POINTING REPAIR ARE HATCHED WITH VERTICAL LINES ON THE DRAWINGS.
5	ALTERNATE NO. 2: REMOVE ALL MORTAR FROM VERTICAL JOINTS IN SMOOTH CUT LIMESTONE AT THE BASE OF THE COLUMBARIUM WALL. REPLACE LIMESTONE WITH MATERIAL MATCHING ORIGINAL IN LOCATIONS INDICATED. PROVIDE NEW BACKER ROD AND SEALANT IN JOINTS, ALSO REPLACE EXISTING SEALANT IN VERTICAL JOINTS, INCLUDING THOSE FULL HEIGHT, AT ALL LOCATIONS ON COLUMBARIUM WALL. CLEAN ALL LIMESTONE, SEE SPECS FOR INSTRUCTIONS.
6	STRIP PAINT, CLEAN, PRIME AND REPAINT LINTEL ABOVE PERSONNEL DOOR AT TWO LOCATIONS



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ISSUE DATE: 03/18/2020

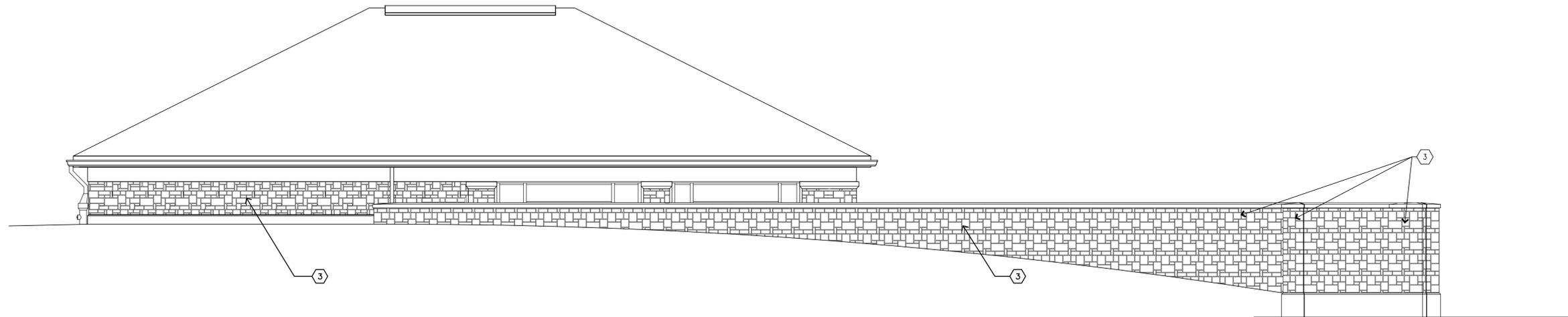
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DRAWN BY: ANF
CHECKED BY: KRM
DESIGNED BY: KRM

SHEET TITLE:
**COMMITAL
SHELTER OVERALL
SIDE ELEVATIONS**

SHEET NUMBER:

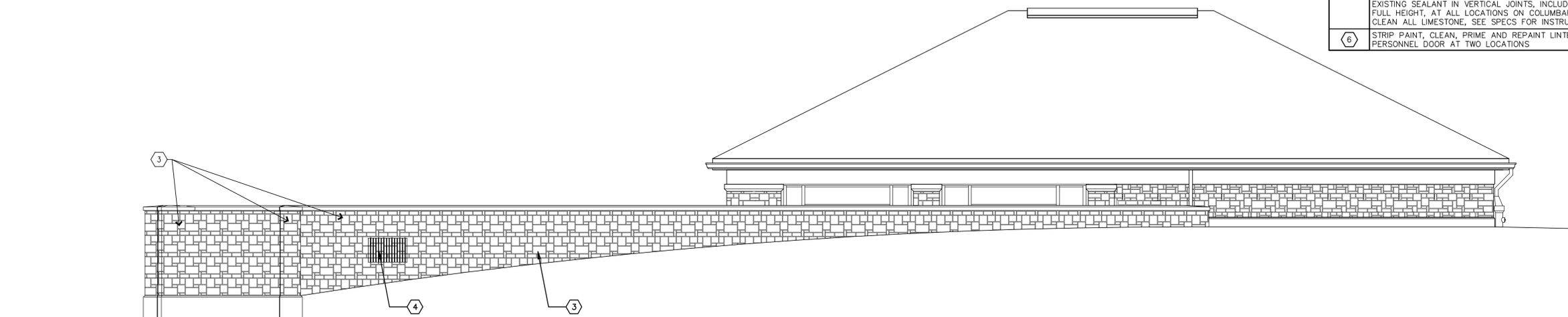
A203

12 OF 14 SHEETS



1 OVERALL WEST SIDE ELEVATION
0' 2' 4' 6' 1/4"=1'-0"

REPAIR KEY NOTES	
MARK NUMBER	DESCRIPTION (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING ALTERNATE BID ITEMS AND UNIT PRICES)
1	ALTERNATE BID NO.1: REMOVE STONE ABOVE LINTEL INCLUDING CUT STONE AND ASHLAR STONE AS NECESSARY UP TO THE BOTTOM OF STONE WALL CAP. REMOVE LINTEL AND REPLACE WITH NEW 4" X 4" X 1/2" STAINLESS-STEEL LINTEL AND NEW STAINLESS-STEEL ANCHORS AND STANDOFFS AS SPECIFIED. SEE ALSO 5/A204 FOR PHOTOGRAPH FURTHER ILLUSTRATING THE EXISTING CONDITION. PROVIDE PLYWOOD COVERING TO PROTECT NICHE WALL THROUGHOUT THE COURSE OF THIS WORK.
2	ALTERNATE BID NO. 1: REMOVE EXISTING SEALANT FROM VERTICAL AND SLOPED JOINTS IN STONE WALL CAP. REPLACE WITH NEW BACKER ROD AND SEALANT AS SPECIFIED.
3	ALTERNATE NO. 2: INSPECT ALL EXISTING ASHLAR LIMESTONE FOR AREAS NEEDING TUCK POINTING. PROVIDE TUCK POINTING TO MATCH ORIGINAL MORTAR COLOR AND CONSISTENCY AS CLOSELY AS POSSIBLE. PROVIDE ONE AREA UP TO 4 SQUARE FEET AS DESIGNATED BY OWNER AS AN IN-PLACE MOCKUP.
4	ALTERNATE NO. 2: AREAS THUS FAR IDENTIFIED FOR TUCK POINTING REPAIR ARE HATCHED WITH VERTICAL LINES ON THE DRAWINGS.
5	ALTERNATE NO. 2: REMOVE ALL MORTAR FROM VERTICAL JOINTS IN SMOOTH CUT LIMESTONE AT THE BASE OF THE COLUMBARIUM WALL. REPLACE LIMESTONE WITH MATERIAL MATCHING ORIGINAL IN LOCATIONS INDICATED. PROVIDE NEW BACKER ROD AND SEALANT IN JOINTS, ALSO REPLACE EXISTING SEALANT IN VERTICAL JOINTS, INCLUDING THOSE FULL HEIGHT, AT ALL LOCATIONS ON COLUMBARIUM WALL. CLEAN ALL LIMESTONE, SEE SPECS FOR INSTRUCTIONS.
6	STRIP PAINT, CLEAN, PRIME AND REPAINT LINTEL ABOVE PERSONNEL DOOR AT TWO LOCATIONS



2 OVERALL EAST SIDE ELEVATION
0' 2' 4' 6' 1/4"=1'-0"



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DEPARTMENT OF
PUBLIC SAFETY, DIVISION OF
MISSOURI VETERANS
COMMISSION

CONSTRUCT NEW
COLUMBARIUM WALL

BLOOMFIELD VETERANS
CEMETERY

BLOOMFIELD, MO

STATE OF MO # U2001-01
VCGP # FAI MO-16-14
ARCHIMAGES # K19530
SITE # 6903
ASSET # 8136903002

REVISION: _____
DATE: _____
REVISION: _____
DATE: _____
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DATE: _____
ISSUE DATE: 03/18/2020

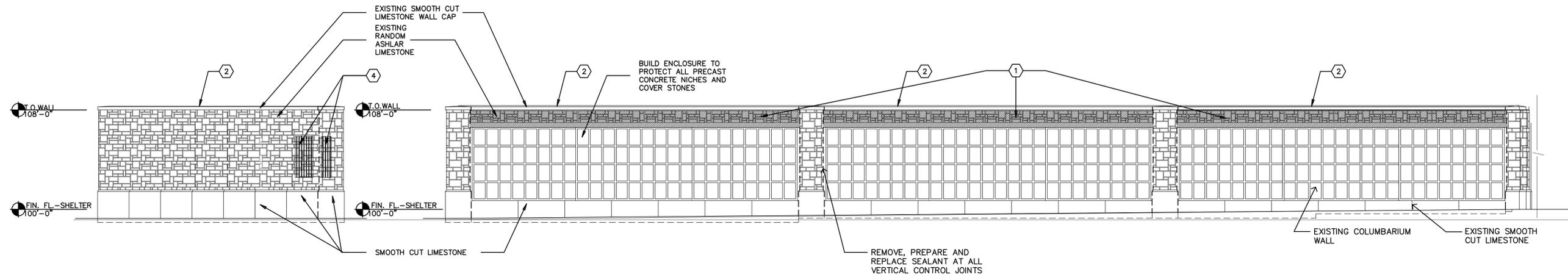
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DESIGNED BY: KRM

SHEET TITLE:
**COMMITTAL
SHELTER WING
WALL ELEV'S**

SHEET NUMBER:

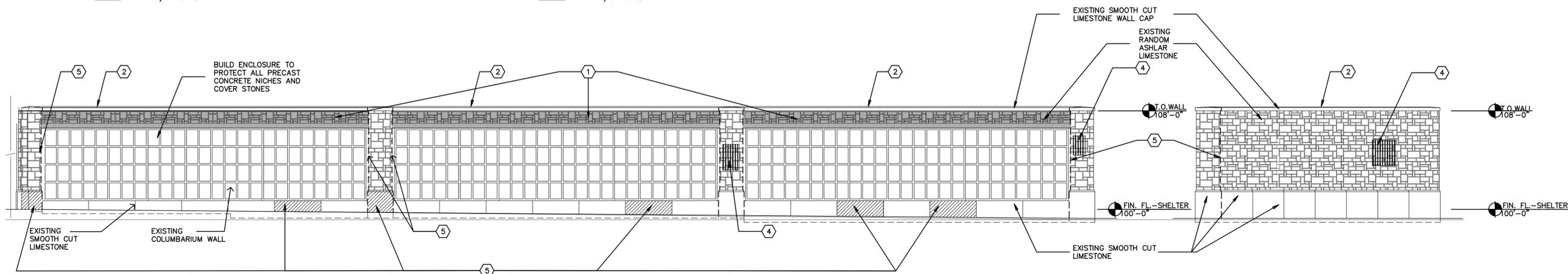
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13 OF 14 SHEETS



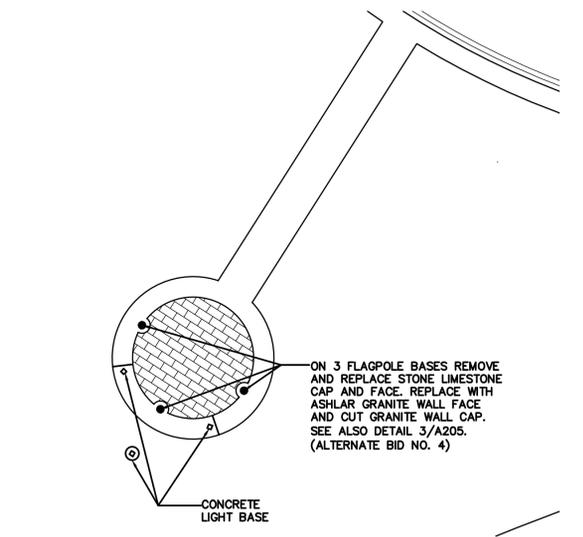
1 EXISTING COLUMBARIUM WALL
NORTHWEST ELEVATION
0' 2' 4' 6' 1/4"=1'-0"

2 EXISTING COLUMBARIUM WALL
NORTHWEST WALL O.H.
0' 2' 4' 6' 1/4"=1'-0"



3 EXISTING COLUMBARIUM WALL
NORTHEAST WALL O.H.
0' 2' 4' 6' 1/4"=1'-0"

4 EXISTING COLUMBARIUM WALL
NORTHEAST ELEVATION
0' 2' 4' 6' 1/4"=1'-0"



A EXISTING FLAG
PLAZA PLAN
0' 10' 20' 40' 1"=20.0'
ALTERNATE BID NO.4



REMOVE EXISTING 4X4X1/4
STEEL LINTEL AND REPLACE
WITH STAINLESS STEEL
LINTEL MATCHING ORIGINAL
CONFIGURATION.
(ALTERNATE BID NO. 1)

5 PHOTOGRAPH OF STEEL LINTEL
INSTALLATION DURING ORIGINAL CONSTRUCTION

REPAIR KEY NOTES

MARK NUMBER	DESCRIPTION (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION REGARDING ALTERNATE BID ITEMS AND UNIT PRICES)
1	ALTERNATE BID NO.1: REMOVE STONE ABOVE LINTEL INCLUDING CUT STONE AND ASHLAR STONE AS NECESSARY UP TO THE BOTTOM OF STONE WALL CAP. REMOVE LINTEL AND REPLACE WITH NEW 4" X 4" X 1/4" STAINLESS-STEEL LINTEL AND NEW STAINLESS-STEEL ANCHORS AND STANDOFFS AS SPECIFIED. SEE ALSO 5/A204 FOR PHOTOGRAPH FURTHER ILLUSTRATING THE EXISTING CONDITION. PROVIDE PLYWOOD COVERING TO PROTECT NICHE WALL THROUGHOUT THE COURSE OF THIS WORK.
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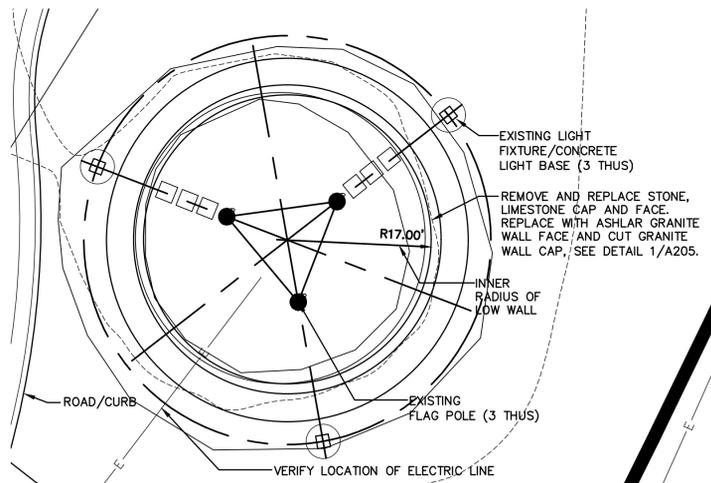
CAD DWG FILE: A205.dwg
DRAWN BY: ANF
CHECKED BY: KRM
DESIGNED BY: KRM

SHEET TITLE:
**FLAG POLE ENTR.
PLAZA PLAN &
DETAILS**

SHEET NUMBER:

A205

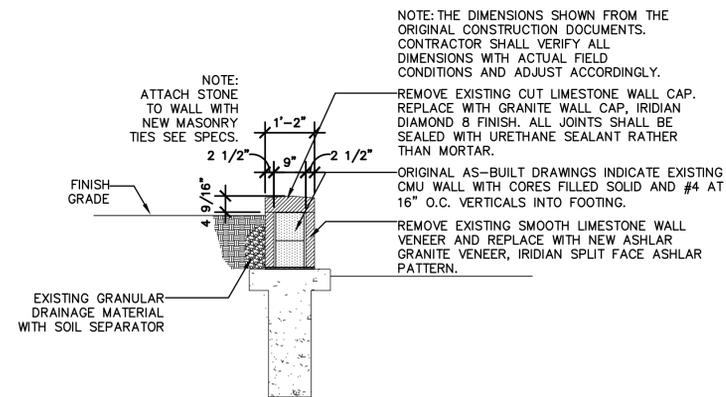
14 OF 14 SHEETS



A LOW WALL AT EXISTING
FLAG POLES - LAYOUT PLAN

0' 5' 10' 20'
1"=10.0'

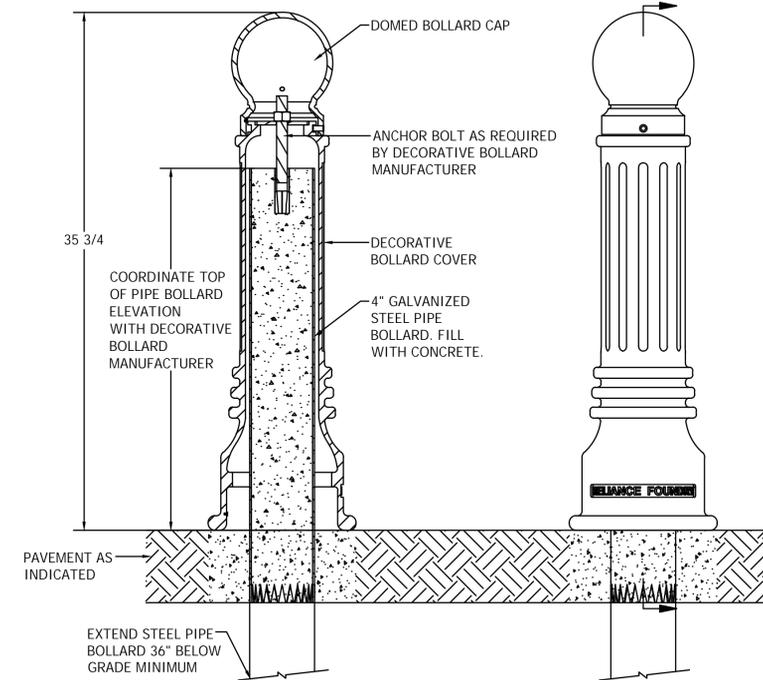
ALTERNATE BID NO.3



1 FLAG WALL SECTION

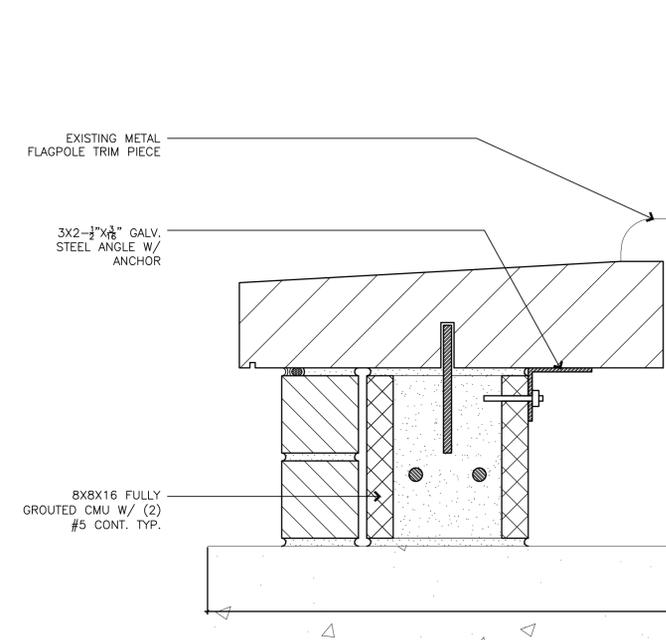
0' 1' 2' 3' 1/2"=1'-0"

ALTERNATE BID NO.4



2 DECORATIVE BOLLARD COVER DETAIL

NOT TO SCALE



3 CIRCULAR FLAGPOLE BASE REPAIR-3 THUS

0' 1' 2' 3' 1/2"=1'-0"

ALTERNATE BID NO.4

