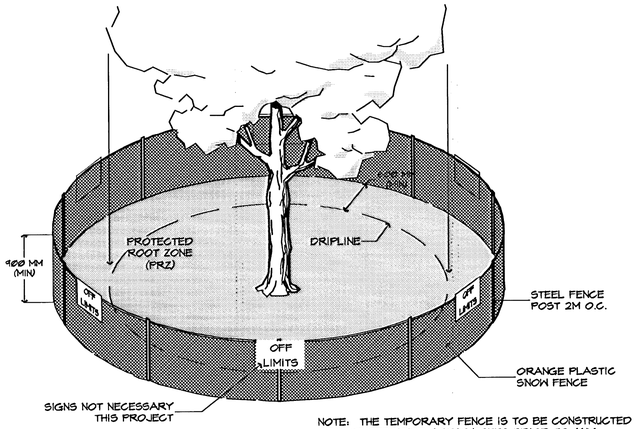
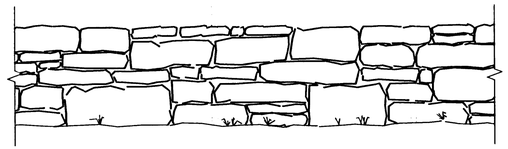


NOTE: THE TEMPORARY FENCE IS TO BE CONSTRUCTED AROUND SPECIFIED AREAS/TREES PRIOR TO ANY CONSTRUCTION AND SHALL REMAIN UNTIL ALL CONSTRUCTION IS COMPLETE. CONSTRUCTION EQUIPMENT AND MATERIALS ARE NOT PERMITTED WITHIN THE (PRZ). THE FENCE PLACEMENT AROUND THE (PRZ) MAY ONLY BE ADJUSTED WITH PERMISSION FROM THE OWNER'S REPRESENTATIVE.

TEMPORARY TREE PROTECTION DETAIL

NOT TO SCALE

NOTE: THE LIFTS OF STONES SHALL VARY IN HEIGHT AND BE PLACED IN A RANDOM PATTERN. A MAJORITY OF HIGHER LIFT STONES SHOULD GENERALLY FORM THE BASE BUT ALSO BE INCORPORATED INTO UPPER PORTIONS OF THE WALL SPORADICALLY MIXED AMONG STONES WITH SHORTER LIFTS.



ELEVATION - TYPICAL DRY STONE WALL

NOT TO SCALE

DRY STACK WALL NOTES:

1. STONE SHALL BE OBTAINED FROM FRAY STONE COMPANY, 1000 INDUSTRIAL BLVD. WINFIELD, KANSAS, 67156, PHONE #(620) 221-7422 OR AN APPROVED EQUAL. STONE PALETTES OR TRUCKLOAD DELIVERIES SHALL BE APPROVED ON SITE BEFORE BEING USED.

2. STONE SHALL BE SET BY AN EXPERIENCED INSTALLER. THE WALL SHALL BE CONSTRUCTED IN A SMOOTH FLOWING LINE AS SHOWN IN THE PLANS WITHOUT KINKS OR FLAT SPOTS. STONE SHALL BE NEATLY SET AND EACH LIFT MADE STABLE.

GRADING NOTES:

1. THIS IS DESIGN GRADING. ALL GRADES SHALL BE CONTOURED SMOOTHLY WITH GENTLE ROUNDING/SHAPING OF ALL AFFECTED LAND SURFACES. ABRUPT TRANSITIONS OF SLOPES WHERE PROPOSED GRADES MEET EXISTING ARE NOT ACCEPTABLE. SURVEY STAKES ARE FOR GENERAL GRADING PURPOSES ONLY. NOT ALL SLOPES ARE CONSTANT AND THEREFORE THE GRADING PLANS SHALL BE REFERRED TO FOR FINAL GRADING. THE GRADING SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO THE ADDITION OF THE TOPSOIL AND OR AMENDED SOIL LAYER.

2. AN 150 MM LAYER OF TOPSOIL SHALL BE STRIPPED IN ALL AREAS OF CUT AND FILL AND REPLACED AT A 150 MM THICKNESS ON PROPOSED GRADING AREAS. NOTE: THE FINISHED GRADE INDICATES THE SURFACE ELEVATION AFTER THE LAYER OF TOPSOIL HAS BEEN PLACED. WHERE PLANTING BEDS ARE INDICATED IN THE PLANTING PLANS THE TOPSOIL LAYER SHALL BE INCREASED TO 12". IN CASES WHERE GRADING IS DIRECTED UNDER TREE DRIP LINES NO TOPSOIL STRIPPING OR FILLING SHALL BE PERFORMED WITHIN THESE AREAS.

3. WHERE OFFSITE TOPSOIL (SELECT SOIL) IS NEEDED, IT SHALL BE FERTILE NATURAL TOPSOIL, TYPICAL OF THE LOCALITY, OBTAINED FROM WELL DRAINED AREAS. STOCKPILED TOPSOIL MAY BE USED. IT SHALL BE WITHOUT ADMIXTURE OF SUBSOIL OR SLAG AND SHALL BE FREE OF STONES, LUMPS, STICKS, PLANTS OR THEIR ROOTS, TOXIC SUBSTANCES OR OTHER EXTRANEOUS MATTER THAT MAY BE HARMFUL TO PLANT GROWTH OR WOULD INTERFERE WITH FUTURE MAINTENANCE. TOPSOIL pH RANGE SHALL BE 5.5 TO 7.0. TOPSOIL SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO PLACEMENT.

4. THE PROPOSED DRAINAGE SYSTEM SHALL BE CONSTRUCTED FROM ADS/NYLOPLAST PRODUCTS OR AN APPROVED EQUAL. CONTRACTOR SHALL INSTALL THESE PRODUCTS AS PER THE MANUFACTURER'S SPECIFICATIONS. MANUFACTURER INFO: ADDRESS - 4640 TRUEMAN BLVD., HILLIARD, OH 43026. PHONE - 1-800-821-6710, FAX - 1-614-658-0204

FENCE NOTES:

1. FENCE SHALL BE PERMAFUSED II, OBTAINED FROM MASTER HALCO, INC. 110 E. LA HABRA BOULEVARD, LA HABRA, CA 90631-5436; (562) 694-5066 PHONE; (562) 691-4686 FAX. TYPE SHALL BE PERMAFUSED II POLYOLEFIN FUSED AND ADHERED TO ZINC-COATED STEEL WIRE PER ASTM F 668 CLASS 2B, 9 GAUGE; 2" MESH; 6' HEIGHT. FRAMEWORK SHALL BE TYPE 1, TOP RAIL SHALL BE TYPE 1; LINE POSTS SHALL BE TYPE 1; TERMINAL POSTS SHALL BE TYPE 1. THE COLOR ON ALL PARTS SHALL BE MIDNIGHT BLACK. INSTALL PER MANUFACTURER'S SPECIFICATIONS. SUPPLY SHOP DRAWINGS TO ENGINEER FOR APPROVAL.

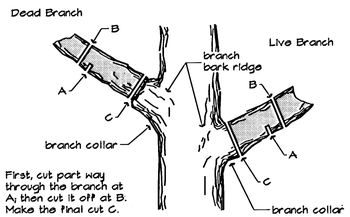
TREE PRESERVATION NOTES:

1. EXISTING TREES ARE AN IMPORTANT ASSET TO THIS PROJECT. EVERY EFFORT SHOULD BE MADE TO PRESERVE EACH AND EVERY TREE (UNLESS NOTED FOR REMOVAL) AS DIRECTED IN THESE PLANS & NOTES.

2. BEFORE ANY TYPE OF CONSTRUCTION BEGINS WITHIN THE IMPROVEMENT AREA THE CONTRACTOR SHALL INSTALL PROTECTION FENCE AROUND ALL TREE MASSES & INDIVIDUAL TREES THAT ARE NOT NOTED FOR REMOVAL. TREE PROTECTION SHALL BE SUBSIDIARY TO PROJECT.

3. EQUIPMENT AND CONSTRUCTION MATERIALS SHALL REMAIN OUT OF AND AWAY FROM TREE DRIPLINES SO AS TO NOT COMPACT THE ROOT ZONE OR DAMAGE THE TREE. CHEMICAL SPILL DAMAGE SHALL BE PREVENTED BY FILLING GAS TANKS, CLEANING TOOLS & REPAIRING EQUIPMENT WELL OUTSIDE TREE PROTECTED ROOT ZONES. CONCRETE MORTAR SHALL BE MIXED ON A THICK PLASTIC TARP. MIXING TRUCKS SHALL BE RINSED OUT OFF SITE. WHERE IT OCCURS THAT A CONSTRUCTION ROUTE OR A PROPOSED IMPROVEMENT OCCURS WITHIN A TREES (PRZ) IT MAY BE NECESSARY DEPENDENT UPON THE TYPE OF CONSTRUCTION AND EQUIPMENT USED, TO INSTALL A ROOT PROTECTION BRIDGE (I.E. 600 MM LAYER OF WOOD MULCH) OR APPROVED EQUIVALENT, THIS MAY BE DETERMINED IN THE FIELD AT THE DIRECTION OF THE LANDSCAPE ARCHITECT.

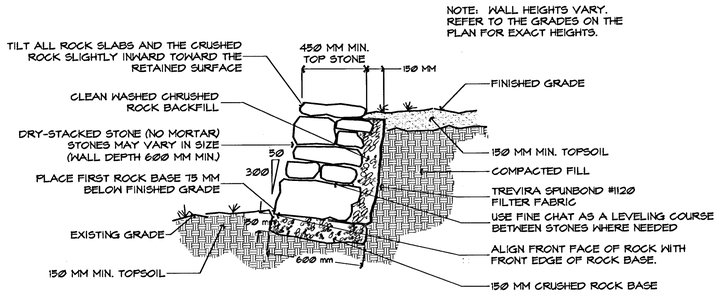
4. ANY TREE THAT MUST HAVE BRANCHES REMOVED SHALL BE TRIMMED WITH SHARP INSTRUMENT/TOOL THAT IS INTENDED FOR SUCH OPERATIONS. CONSULT LANDSCAPE ARCHITECT PRIOR TO TRIMMING. KNOCKING BRANCHES OFF WITH A BACK HOE OR OTHER SIMILAR MACHINE IS NOT ACCEPTABLE! REFER TO TREE TRIMMING DETAIL ON THIS SHEET FOR TRIMMING PROCEDURE.



TREE TRIMMING DETAIL

NOT TO SCALE

NOTE: WALL HEIGHTS VARY. REFER TO THE GRADES ON THE PLAN FOR EXACT HEIGHTS.



SECTION - DRY STONE RETAINING WALL

NOT TO SCALE

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ROADSIDE IMPROVEMENTS
DETAILS

PROJ. NO. 472 - 83537 SEDGWICK CO.

MKEC ENGINEERING CONSULTANTS, INC.
WICHITA, KANSAS

DESIGNED BY:	MKEC	CHECKED BY:	MKEC
DRAWN BY:	MKEC	DATE: Jan. 2003	SHEET 37 OF 73