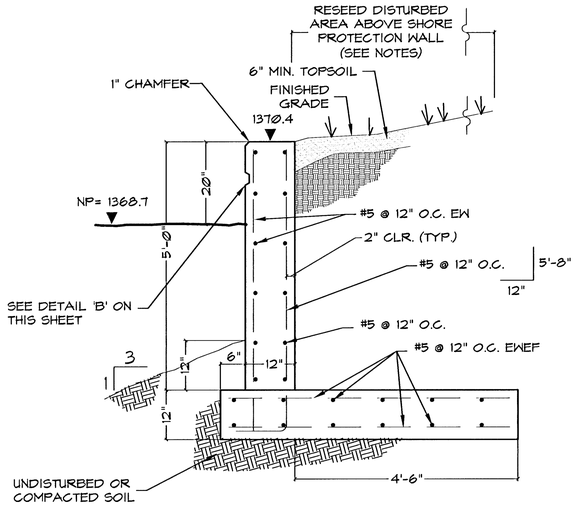
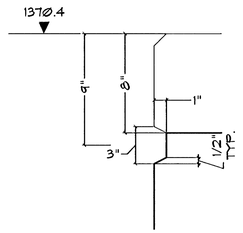


SHORELINE PROTECTION WALL CONSTRUCTION DETAIL

3/4"=1-0"



DETAIL 'B'

NOT TO SCALE

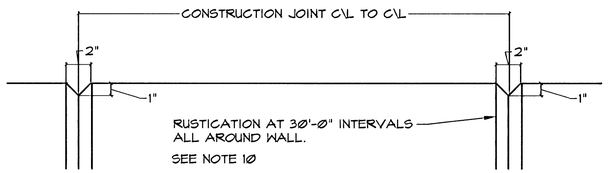
LANDSCAPE STONE NOTES:

1. THE STONE SLABS TO BE USED ALONG THE POND EDGE AS INDICATED AND OTHER STONE USED FOR LANDSCAPE TYPE AREAS SHALL BE 'SAN BOIS BLEND' SANDSTONE OBTAINABLE FROM TURKEY CREEK NATURAL STONE, RT. 2, BOX 2020 WISTER, OKLAHOMA 74966.
CONTACT: CHUCK EVANS (918)647-6670
COLOR/TYPE: SAN BOIS BLEND
BED THICKNESS: 7" TO 9"
LENGTH: 24" (MIN.)
DEPTH: 24" (MIN.)
RESERVE LARGER STONES FOR BASE COURSES. COORDINATE PLACEMENT WITH LANDSCAPE ARCHITECT. AN EQUAL STONE OF QUALITY AND PHYSICAL CHARACTERISTICS MAY BE SUBSTITUTED WITH THE APPROVAL OF THE LANDSCAPE ARCHITECT. ALL STONE DELIVERED TO THE SITE IS SUBJECT TO APPROVAL PRIOR TO USE.

2. STONE SLABS SHALL BE CAREFULLY SET IN PLACE TO PROVIDE A NEAT, CLEAN AND ORDERLY APPERENCE. STONE ENDS SHALL BE BUTTED TOGETHER TIGHTLY. NO GAP SHALL BE LARGER THAN 1" IN WIDTH. SAW CUTS MAY BE MADE TO HELP WITH ANGLE TRANSITIONS, HOWEVER THE VISIBLE EDGE/TOP OF THE SAW CUT SHALL BE STRUCK WITH A HAMMER TO COMPLETELY REMOVE THE SHARP EDGE/FACE AND CREATE A NATURAL BREAK APPEARANCE.

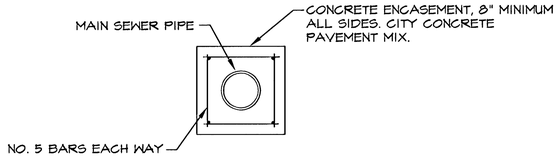
3. EXPOSED FACE SHALL BE SPLIT, NOT SAWN. ANY EXPOSED DRILL MARKS SHALL BE SOFTENED WITH CHISEL.

4. TILT ALL STONE SLABS SLIGHTING INWARD TOWARD THE RETAINED SOIL. FAILURE TO DO SO SHALL RESULT IN RE-CONSTRUCTION OF THE WALL



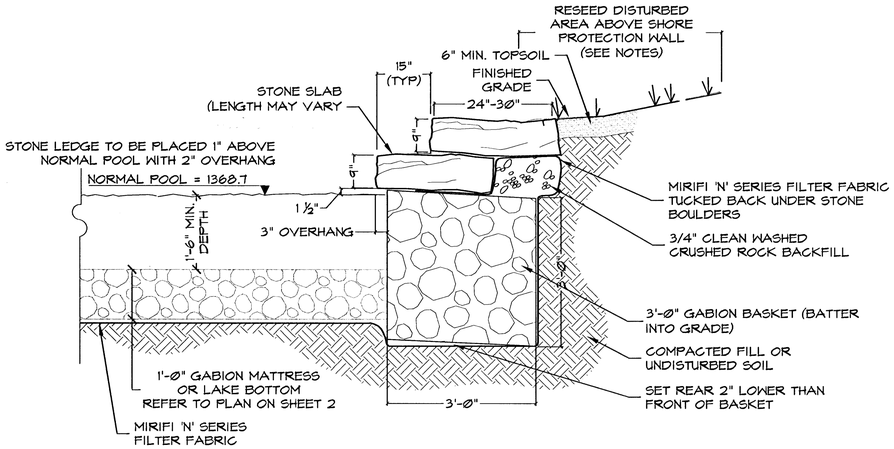
RUSTICATION DETAIL

NOT TO SCALE



CONCRETE ENCASEMENT DETAIL

NOT TO SCALE



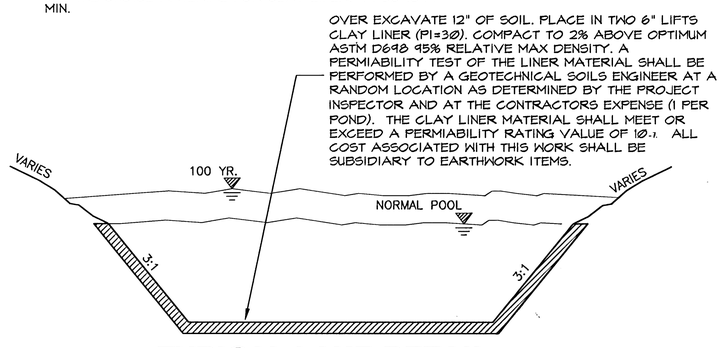
ADD ALTERNATE #1 - STONE EDGE TREATMENT

NOT TO SCALE

GENERAL NOTES

1. ALL CONCRETE TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS.
2. ALL REINFORCING TO MEET ASTM A615, GRADE 60. ALL DIMENSIONS RELATIVE TO REINFORCING STEEL SHALL BE TO CENTERLINE OF REINFORCING UNLESS OTHERWISE NOTED.
3. ALL CONCRETE SHALL CONFORM TO THE CURRENT "ACI MANUAL OF CONCRETE PRACTICE".
4. PORTLAND CEMENT SHALL CONFORM TO ASTM C-150, TYPE I OR III.
5. ALL AGGREGATE FOR NORMAL WEIGHT CONCRETE SHALL MEET ASTM C33.
6. BEVEL ALL EXPOSED EDGES WITH 1" TRIANGULAR MOLDING.
7. ALL FOOTINGS SHALL BEAR ON UNDISTURBED EARTH OR ENGINEERED FILL AT ELEVATIONS SHOWN ON DETAILS.
8. BACKFILLING OF THE CONCRETE STRUCTURE SHALL COMMENCE FOLLOWING A MINIMUM CURE PERIOD OF SEVEN DAYS. BACKFILLING OF THE STRUCTURE SHALL BE ACCOMPLISHED BY PLACING AND COMPACTING FILL MATERIAL ON EACH SIDE IN EQUAL LIFTS IF APPLICABLE. THE CONTRACTOR SHALL TAKE SPECIAL CARE NOT TO APPLY EXCESSIVE PRESSURE TO EITHER SIDE IN THE BACKFILLING PROCESS. BACKFILL MATERIAL SHALL BE COMPACTED TO 95% STD. DENSITY PER CITY OF WICHITA SPECS. THE COST OF BACKFILLING THE STRUCTURE IS SUBSIDIARY TO THE STRUCTURES CONSTRUCTION.
9. ALL EXPOSED CONCRETE SURFACES SHALL RECEIVE LIGHT SANDBLASTED FINISH.
10. CAST WALL IN 30'-0" LENGTHS IN AN ALTERNATING PATTERN AT 7 DAY INTERVALS.
11. GABION MATTRESS SHALL BE PVC COATED.

NOTE: CONTRACTOR SHALL MAKE EVERY EFFORT TO USE THE CHOICE MATERIAL FOR CLAY LINER. PI-30 IS A MIN.



TYPICAL LAKE DETAIL

NOT TO SCALE

H:\CIVIL\02014\DWG\Lakes\Seawall\North Seawall\SWALLDT1.DWG 07/28/2005 04:08:22 PM CST

MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

WATERFRONT ADDITION
PROJECT NAME

SHORELINE PROTECTION DETAILS
SHEET TITLE

DBG	DBG	JAG
DESIGN BY:	DRAWN BY:	CHECKED BY:
JULY 2005	02014	3 / 11
DATE	JOB NO.	SHEET/OF