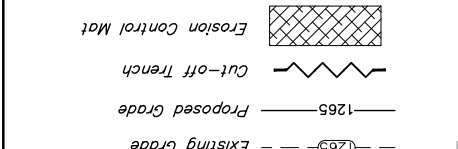


MEADOWLAKE BEACH ADDITION  
**POND PLANS**  
 WICHITA, KANSAS  
**Baughman**  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE  
 468-9432  
 DRAWN ATD DATE APPROVED 03-07  
 SCALE Noted  
 SHEET **6 OF 22**  
 06-10-876 Meadowlake/Beach/Ponds



Contractor shall use Maywood Entrance as haul path from Borrow Pond onto Meadowlake Beach Addition site. All trucks and equipment shall be confined to this route when crossing Clifton. Any roadway damage shall be repaired immediately and removed and replaced (full-depth) at conclusion of project, the cost of which shall be incidental to "Site Clearing & Restoration".

Install 45.0 L.F. 30" CMP at existing flowline of ditch. To be removed at conclusion of construction. Cost of pipe to be incidental to "Site Clearing & Restoration".

Install 107.0 L.F. 60"x38" HERCP with end sections and concrete apron both sides, per detail this sheet.

1. Pond bottom and side slopes below static pool elevation shall be over-excavated 1' and a 1' clay liner shall be compacted to 95% std. density. The plasticity index (P.I.) shall be at least 30. The compaction and P.I. shall be verified during construction. P.I. determination and compaction testing shall be arranged by the contractor at the request of the inspector. Cost shall be incidental to "Site Clearing & Restoration". Cost of over-excavation, installation and Clay Liner shall be incidental to bid item, "Excavation".

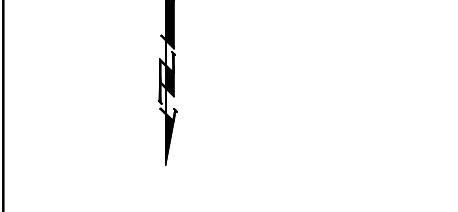
2. All of Reserve "E" above the static water surface shall be seeded and mulched as follows: (Permanant Seeding)  
 SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.  
 FERTILIZER -- 12-24-12 Ratio at 350 lbs./Ac.  
 MULCH -- 2 Tons Prairie Hay / Acre

All other disturbed areas not in street R/W are to be seeded as follows: (Temporary seeding)  
 SEED -- Rye grass (P.L.S) -- 5#/1000 Sq. Ft. and Kansas Premium Fescue Blend; 5#/1000 Sq. Ft.

4. Install Erosion Control Mat (Curtex II or approved equal) from 2' below the water surface to top bank.

5. Contractor to strip top 3" of soil within Res. "E" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserves "E" above water elevation prior to seeding.

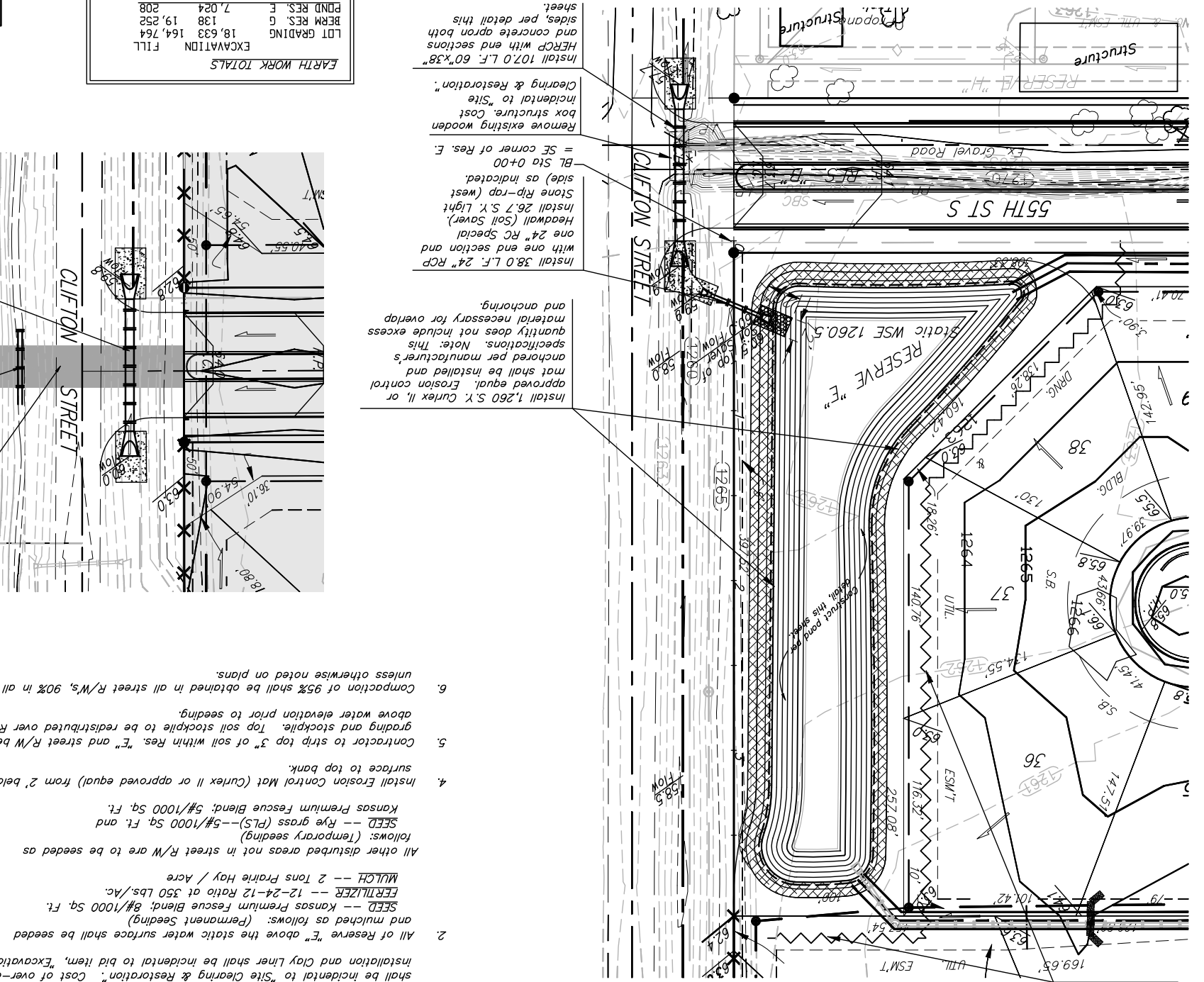
6. Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas unless otherwise noted on plans.



**EARTH WORK TOTALS**

EXCAVATION FILL	18,633	164,764
LDT GRADING	138	19,252
POND RES. E	7,024	208
TOTAL	25,795	184,224

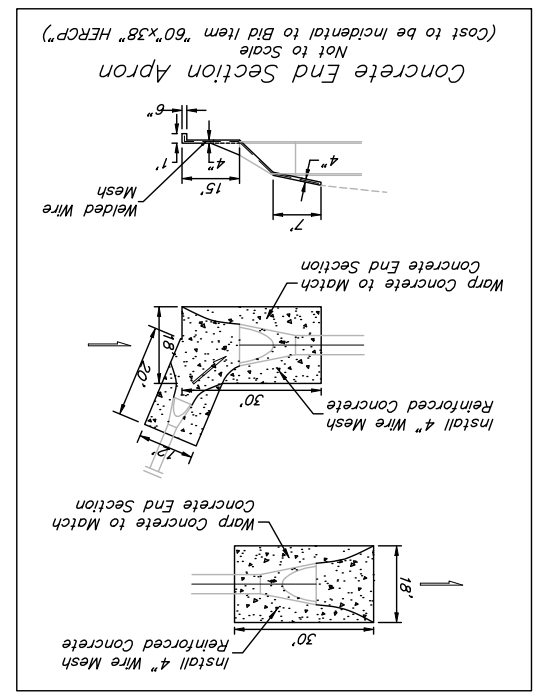
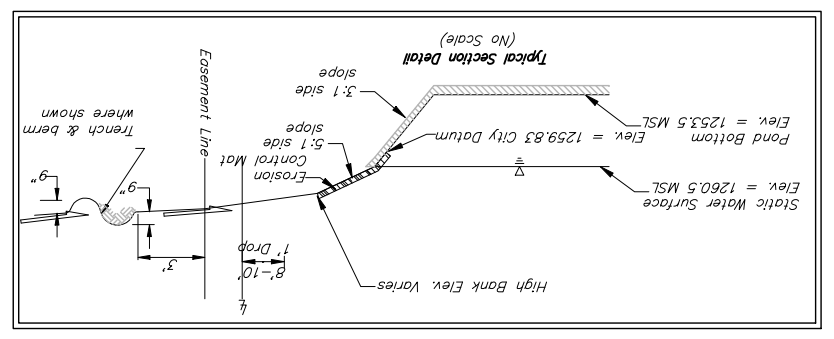
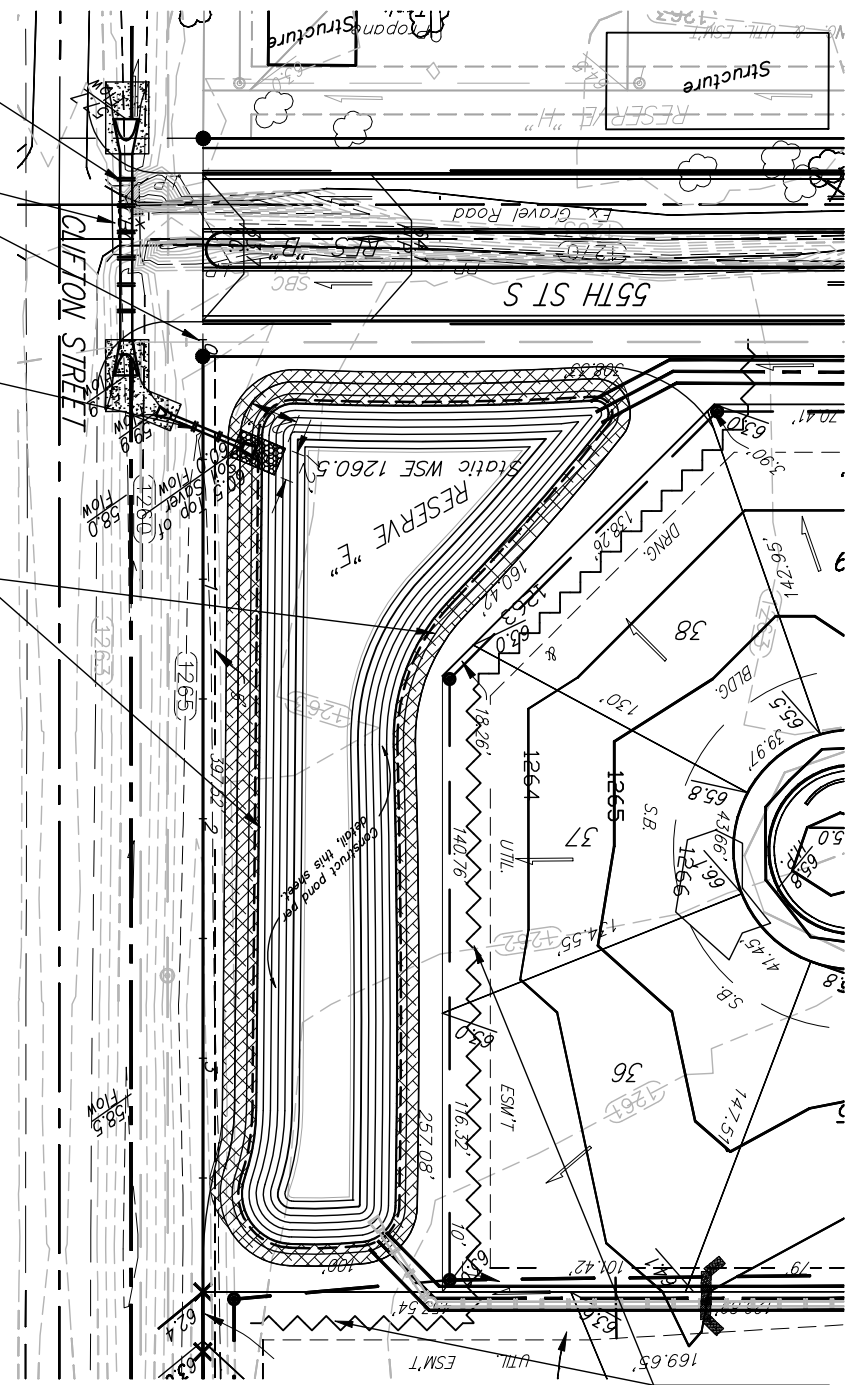
Earthwork quantities do not include correction factors and are for reference only. All cost associated with mass grading shall be included in the bid item "Mass Grading".



Install 38.0 L.F. 24" RCP with one end section and one 24" RC Special Headwall (Soil Saver). Install 26.7 S.Y. Light Stone Rip-rap (west side) as indicated. BL Sta 0+00 = SE corner of Res. E. Remove existing wooden box structure. Cost incidental to "Site Clearing & Restoration".

Install 107.0 L.F. 60"x38" HERCP with end sections and concrete apron both sides, per detail this sheet.

Install 1,260 S.Y. Curtex II, or approved equal. Erosion control mat shall be installed and anchored per manufacturer's specifications. Note: This quantity does not include excess material necessary for overlap and anchoring.



Construct 550 L.F. cut-off trench per detail, this sheet.

Notes:  
 1. Pond bottom and side slopes below static pool elevation shall be over-excavated 1' and a 1' clay liner shall be compacted to 95% std. density. The plasticity index (P.I.) shall be at least 30. The compaction and P.I. shall be verified during construction. P.I. determination and compaction testing shall be arranged by the contractor at the request of the inspector. Cost shall be incidental to "Site Clearing & Restoration". Cost of over-excavation, installation and Clay Liner shall be incidental to bid item, "Excavation".

2. All of Reserve "E" above the static water surface shall be seeded and mulched as follows: (Permanant Seeding)  
 SEED -- Kansas Premium Fescue Blend; 8#/1000 Sq. Ft.  
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 MULCH -- 2 Tons Prairie Hay / Acre

All other disturbed areas not in street R/W are to be seeded as follows: (Temporary seeding)  
 SEED -- Rye grass (P.L.S) -- 5#/1000 Sq. Ft. and Kansas Premium Fescue Blend; 5#/1000 Sq. Ft.

4. Install Erosion Control Mat (Curtex II or approved equal) from 2' below the water surface to top bank.

5. Contractor to strip top 3" of soil within Res. "E" and street R/W before mass grading and stockpile. Top soil stockpile to be redistributed over Reserves "E" above water elevation prior to seeding.

6. Compaction of 95% shall be obtained in all street R/W's, 90% in all other areas unless otherwise noted on plans.

BM #1 - City of Wichita  
 Benchmark Disc, SE Corner of Clifton and 55th Street South, on top of hubguard at the West end.  
 ELEV. = 1263.29 NGVD29

BM #2 - "C" Cut on wall footing located 29' North of the South end of wall, at the Southeast corner of Lot 7 Block A.  
 Meadowlake Beach Addition, Sedgwick County, Kansas.  
 ELEV. = 1266.82 NGVD29

BM #3 - "C" Cut Top of Curb, West side South end of Northeast street North west of Northeast corner of Meadowlake Beach Addition, Sedgwick County, Kansas.  
 ELEV. = 1262.86 NGVD29

BM #4 - "C" Cut Top of Curb, East return on East side of Concrete street North of the Northwest Corner of Meadowlake Beach Addition, Sedgwick County, Kansas.  
 ELEV. = 1262.95 NGVD29