

MULCHING APPLICATION

| MATERIAL | RATE | DEPTH |
|----------------------------------|--------------------|-------|
| STRAW OR HAY | 2 1/2 TON PER ACRE | 4"-6" |
| WOOD WASTE, CHIPS, SADDLES, BANK | 4-8 TON PER ACRE | 2"-3" |

PIEDMONT VEGETATIVE COVERS

| MONTH | TEMPORARY | DIST | PLANT / ACRE | PERMANENT | DIST | PLANT / ACRE |
|-----------|-----------|--------|---|-----------|--------|---|
| JANUARY | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| FEBRUARY | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| MARCH | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| APRIL | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| MAY | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| JUNE | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| JULY | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| AUGUST | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| SEPTEMBER | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| OCTOBER | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| NOVEMBER | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |
| DECEMBER | RYE GRASS | 30-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) | RYE GRASS | 40-120 | UNALLED BERNEIDA BERNEIDA LEPRIDEZA (1) |

SOIL AMENDMENTS

| DATE | AMENDMENT | AMOUNT PER ACRE | APPLICATION RATE |
|-----------|---------------|-----------------|------------------|
| JANUARY | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| FEBRUARY | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| MARCH | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| APRIL | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| MAY | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| JUNE | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| JULY | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| AUGUST | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| SEPTEMBER | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| OCTOBER | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| NOVEMBER | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |
| DECEMBER | HYPOPHOSPHITE | 40-120 | 40-120 PER ACRE |

SOD APPLICATION

| DATE | SOD TYPE | RATE | APPLICATION RATE |
|-----------|----------------|--------|------------------|
| JANUARY | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| FEBRUARY | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| MARCH | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| APRIL | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| MAY | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| JUNE | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| JULY | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| AUGUST | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| SEPTEMBER | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| OCTOBER | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| NOVEMBER | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |
| DECEMBER | BERNEIDA GRASS | 40-120 | 40-120 PER ACRE |

FERTILIZER REQUIREMENTS

| CROP | PLANTING YEAR | FERTILIZER N-P-K | RATE LBS/AC | NITROGEN TOP DRESSING |
|---------------------|--------------------|------------------|-------------|-----------------------|
| COOL SEASON GRASSES | FIRST MAINTENANCE | 6-2-2 | 500 | 50-100 |
| | SECOND MAINTENANCE | 6-2-2 | 400 | 30 |
| WARM SEASON GRASSES | FIRST MAINTENANCE | 6-2-2 | 500 | 50-100 |
| | SECOND MAINTENANCE | 6-2-2 | 400 | 30 |

SOIL SURFACE APPLICATION

| FERTILIZER TYPE | FERTILIZER RATE | SEASON |
|-----------------|-----------------|--------|
| 10-10-10 | 500 LBS/AC | FALL |

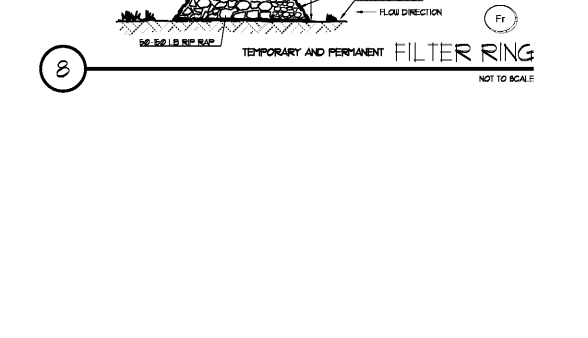
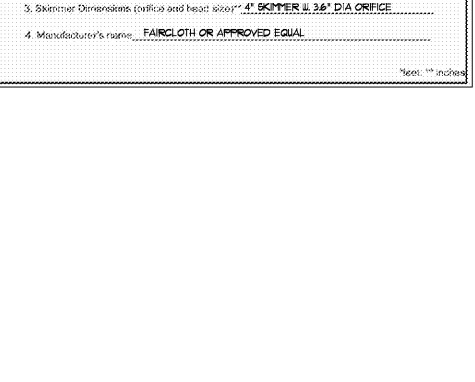
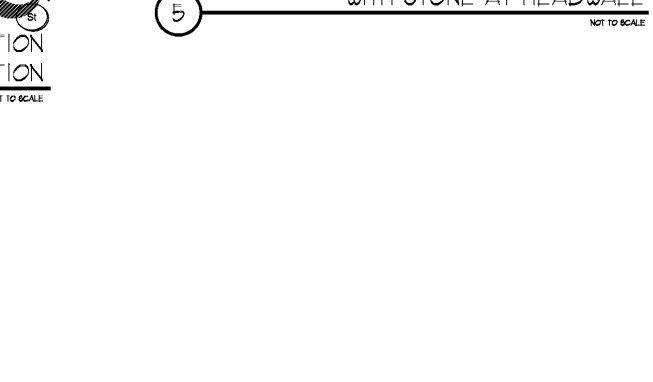
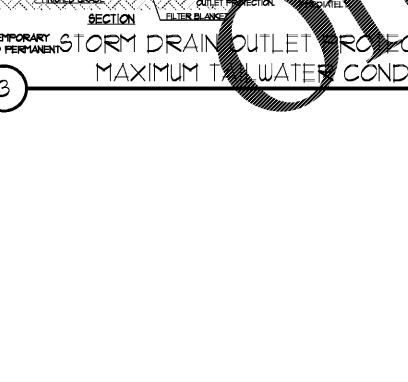
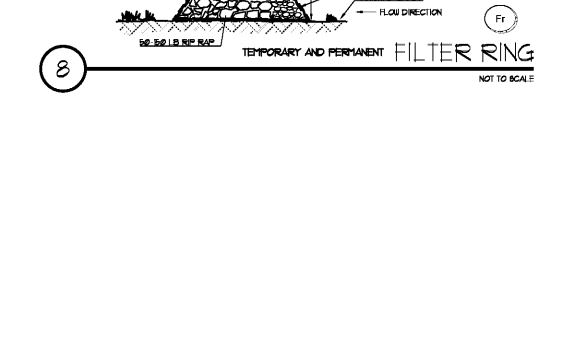
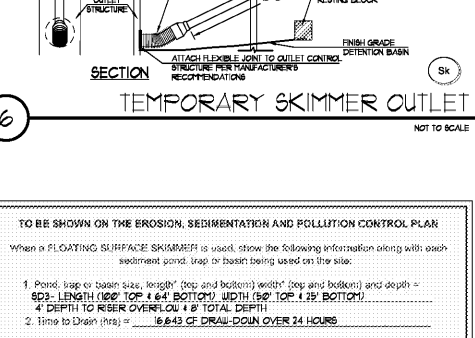
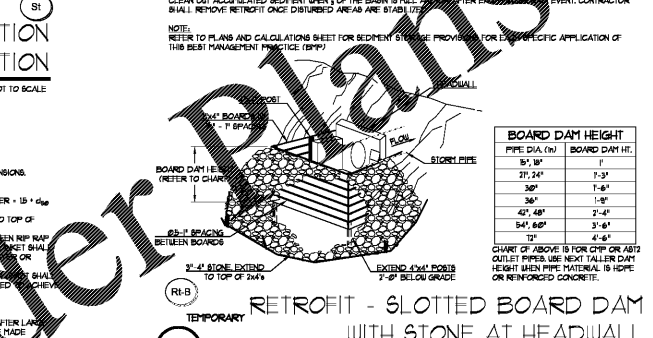
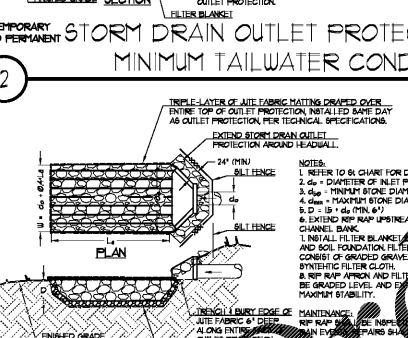
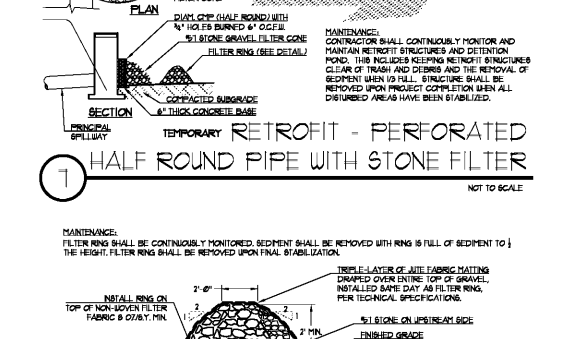
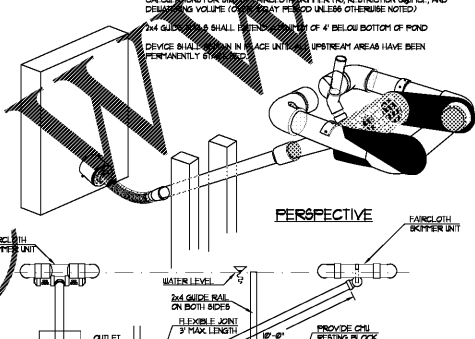
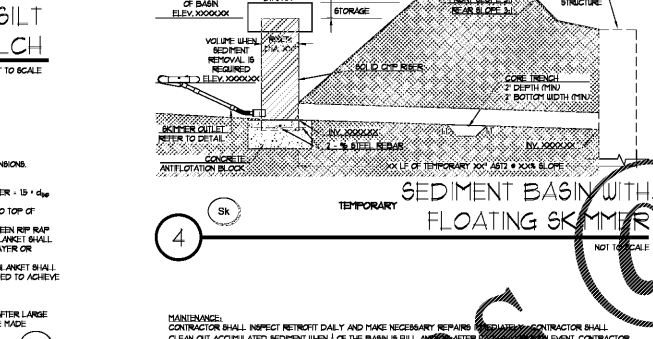
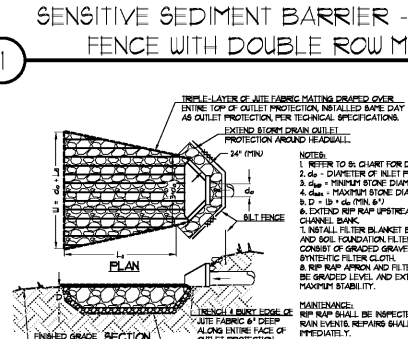
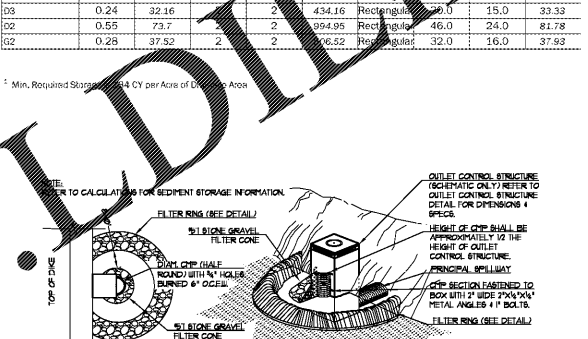
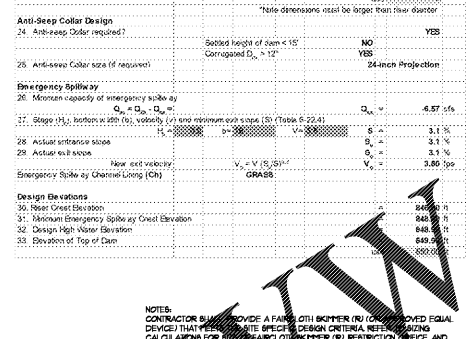
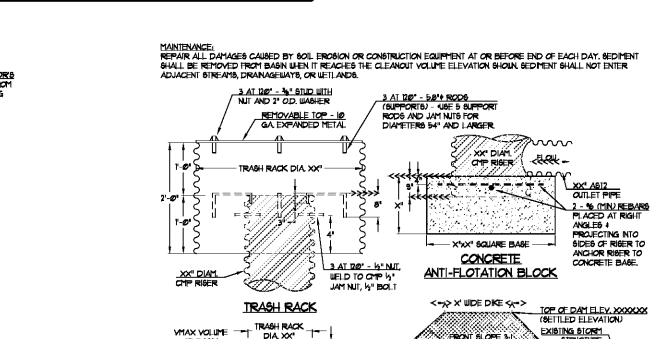
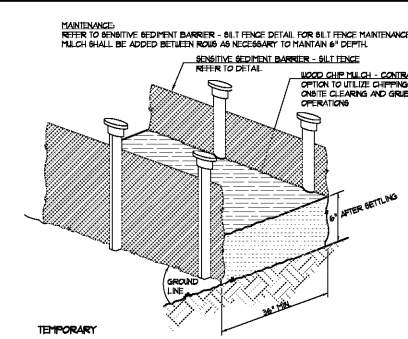
Structure SAMP Sediment Basin

| Volume | 1. Minimum required storage volume | 2. Volume of basin at clean-out | 3. Maximum water crest elevation (+/-) | 4. Channel elevation (+/-) | 5. Basin length x Maximum elevation of floor crest - Lowest elevation of pipe at inlet | 6. Basin length | 7. Basin width |
|--------|------------------------------------|---------------------------------|--|----------------------------|--|-----------------|----------------|
| | 1128 cu yd | 1128 cu yd | 4.55 | 4.55 | 1128 | 1128 | 1128 |

SD2E CALCS

JH HOUSE - Temporary Excavated Inlet Sediment Trap Calculations (SD2-E)

| Drainage Structure ID No. | Drainage Area | Req. Sediment Storage ¹ | Assumed Storage ¹ | Min. Surface Area | Excavation Length | Excavation Width | Storage Provided |
|---------------------------|---------------|------------------------------------|------------------------------|-------------------|-------------------|------------------|------------------|
| A12 | 0.89 | 139.26 | 2 | 1610.01 | Rectangular | 58.0 | 29.0 |
| A11 | 0.8 | 107.2 | 2 | 1447.20 | Rectangular | 54.0 | 27.0 |
| A10 | 0.43 | 57.62 | 2 | 777.87 | Rectangular | 40.0 | 20.0 |

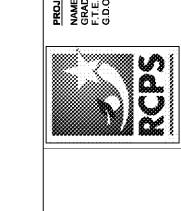


REVISIONS / PRINTED

| REV. NO. | DATE | REMARKS |
|----------|----------|------------------|
| 1 | 04/09/19 | GDCC PRELIMINARY |
| 2 | 08/09/19 | BID PACKAGE |
| 3 | 08/19/19 | GDCC CHECK SET |

INSTRUCTIONAL UNITS: 45
REGULAR CLASSROOMS: 11
MUSIC: 1
PHYSICAL EDUCATION: 1
ART: 1
TOTAL: 50

PROJECT SUMMARY:
SCHOOL: J.H. HOUSE ELEMENTARY SCHOOL
LOCATION: 3100 Zingira Road NE, Conyers, GA 30012



ES&PC GENERAL NOTES, AND DETAILS

J.H. HOUSE ELEMENTARY SCHOOL
3100 Zingira Road NE, Conyers, GA 30012

24-HR CONTACT INFORMATION

BRUCE STUART
OWNER/PRIMARY PERMITEE
ROCKDALE CO. PUBLIC SCHOOLS
678-873-7942

JOB NO. 218036.00
SHEET NO. C441