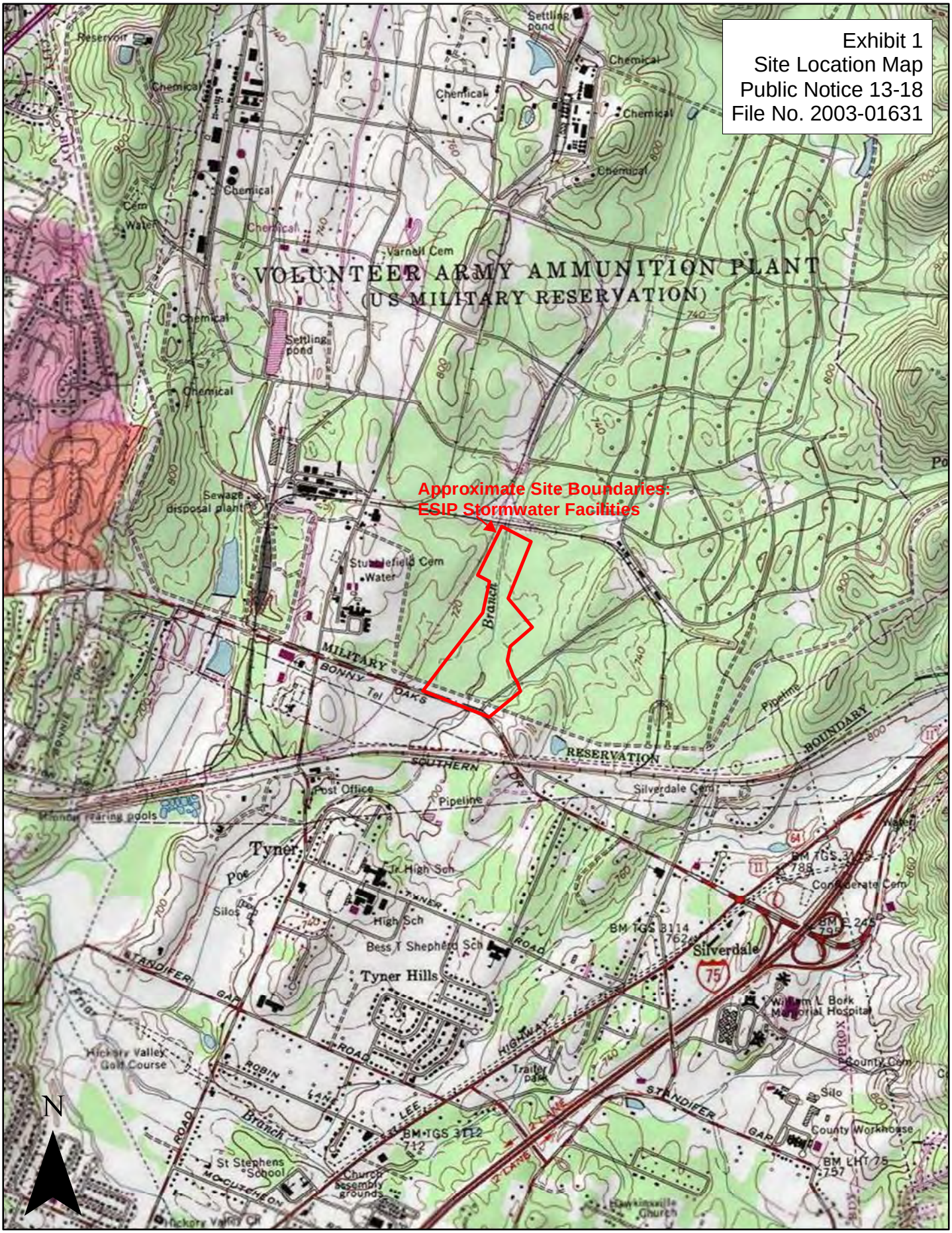



East Chattanooga, Tennessee Quadrangle 1:24,000

Exhibit 2
Aerial Imagery
Public Notice 13-18
File No. 2003-01631
Approximate Site Boundaries:
ESIP Stormwater Facilities
Hickory Valley Rd
6900
6946
Integrated Dr
7034
7059
Discovery Dr
7069
317
Bonny Oaks Dr
6882
Volkswagen Dr
Redoubt
Soccer
Complex
6892
Bonny Oaks Dr
7088
N

500

Feet

Exhibit 3
Applicant Plans (1 of 16)
Public Notice 13-18
File No. 2003-01631

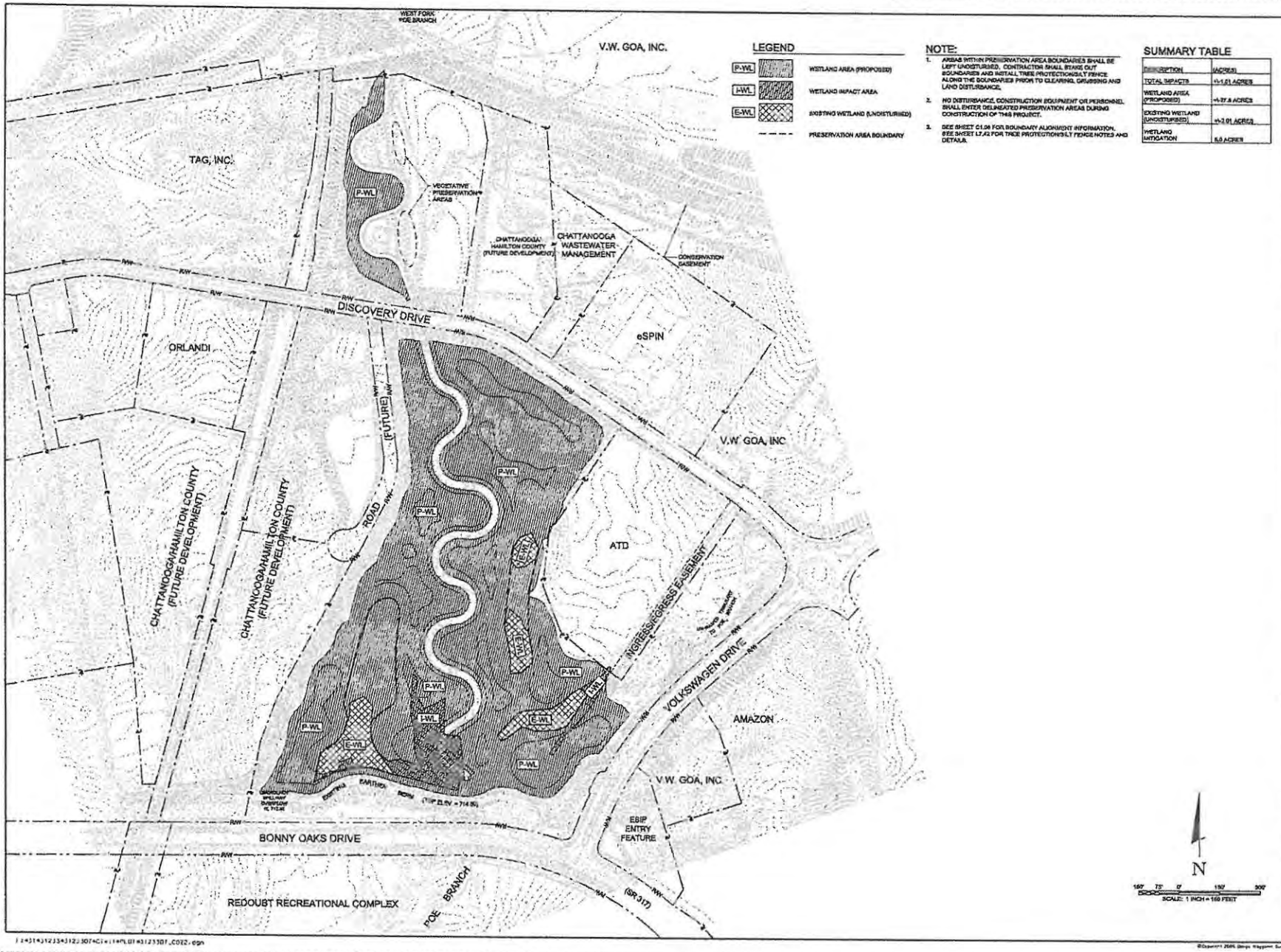
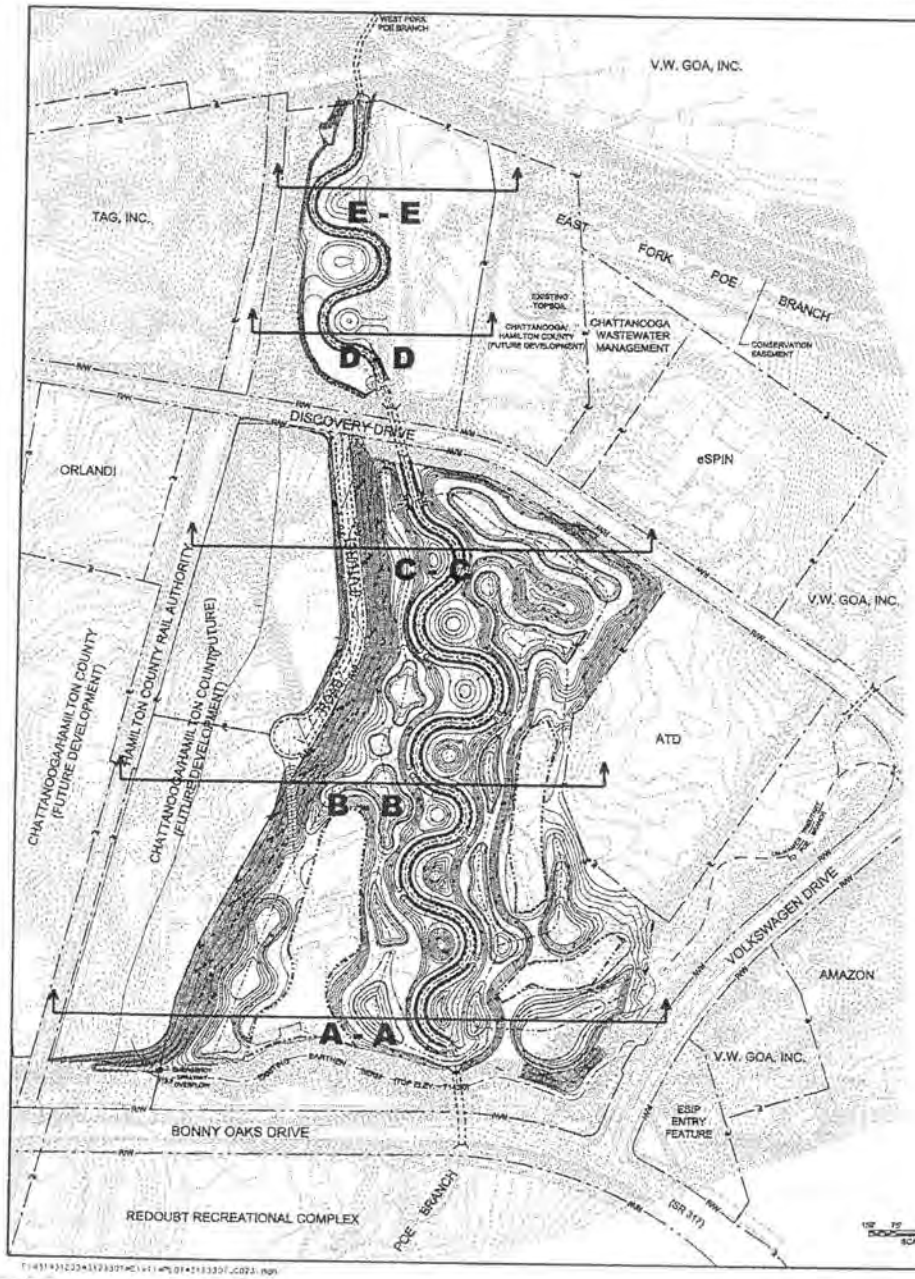
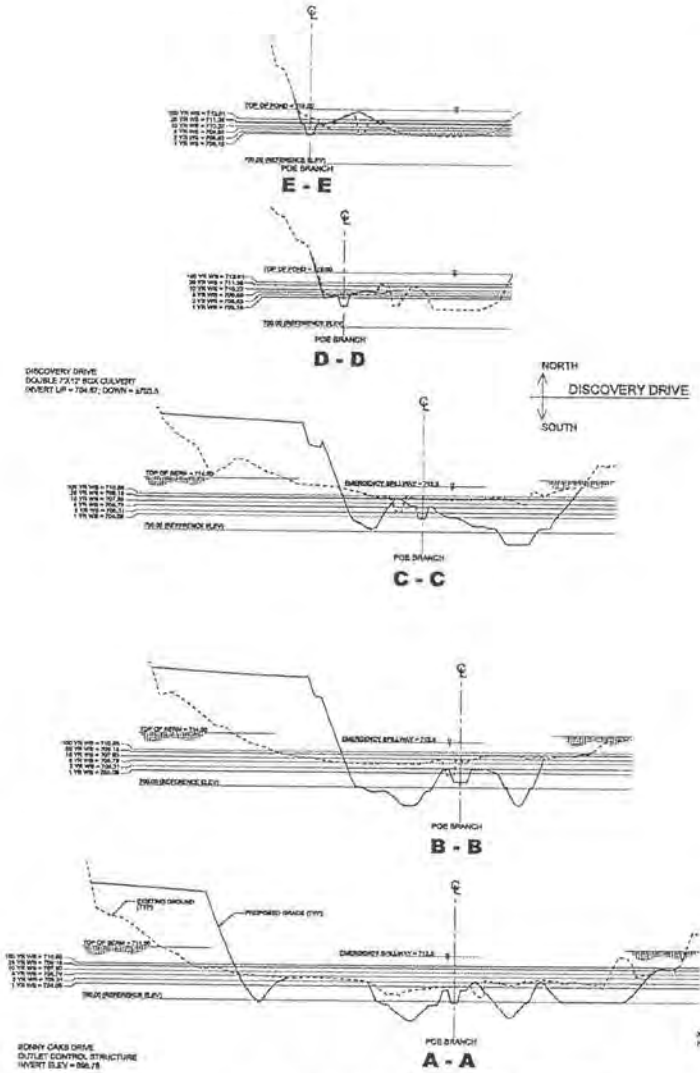


Exhibit 3
Applicant Plans (2 of 16)
Public Notice 13-18
File No. 2003-01631




POE BRANCH
STREAM & FLOOD PLAIN WATER SURFACE LEVELS*
X-SECTION SUMMARY

*PROJECTED FROM FULLY DEVELOPED BASIN ANALYSIS

BWSC BARGE WAGGONER SUMNER & CANNON, INC.

PRELIMINARY NOT FOR CONSTRUCTION

DATE

STORMWATER FEATURE SUMMARY PLAN IMPROVMENTS

POE BRANCH STORM WATER FACILITY

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

C0.23

FILE NO. 31233-07

NOTES:

1. SEE SHEET C0.01 FOR GENERAL NOTES AND LEGEND.
2. UNDERGROUND BLASTING IS TO BE AVOID WHEN ROCK CONTRACTOR TO NOTIFY ENGINEER UPON ENCOUNTERING ROCK. ROCK TO BE REMOVED AS DIRECTED BY THE ENGINEER. BOULDERS SHALL BE PLACED AS DIRECTED BY THE ENGINEER.
3. CONTRACTOR TO MAINTAIN DUST CONTROL THROUGHOUT ALL PERIODS OF THE CONSTRUCTION PROJECT TO PREVENT DUST MIGRATION TO THE ADJOINING PLANT AREAS.

LEGEND:

- BASELINE / CENTER LINE
- CHANNEL BOTTOM
- CHANNEL TOP
- PROPERTY LINE
- WETLAND BOUNDARY LINE
- RIGHT OF WAY
- 725 EXISTING MINOR CONTOUR
- 730 EXISTING MAJOR CONTOUR
- 725 PROPOSED MINOR CONTOUR
- 730 PROPOSED MAJOR CONTOUR
- ROOT WADS
- CORE LOGS
- DIRECTION OF DRAINAGE
- 715.25 GRID SPOT ELEVATION
- X 714.75 GROUND SPOT ELEVATION

| DR. | CHK. | DATE | DESCRIPTION |
|---|---|---|---|
| BSP | TCS | 03/13/2013 | ISSUED FOR BIDDING |

C2.01

FILE NO. 31233-07

# SITE GRADING & DRAINAGE

## REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

STATE OF TENNESSEE — BRYAN S. PETERSEN — 31331 — 3/13/13

BWSC BARGE WAGGONER SUMNER & CANNON, INC.

Volkert Street/Site 28 Chattanooga Tennessee 37405
PHONE (423) 756-0220 FAX (423) 756-0477

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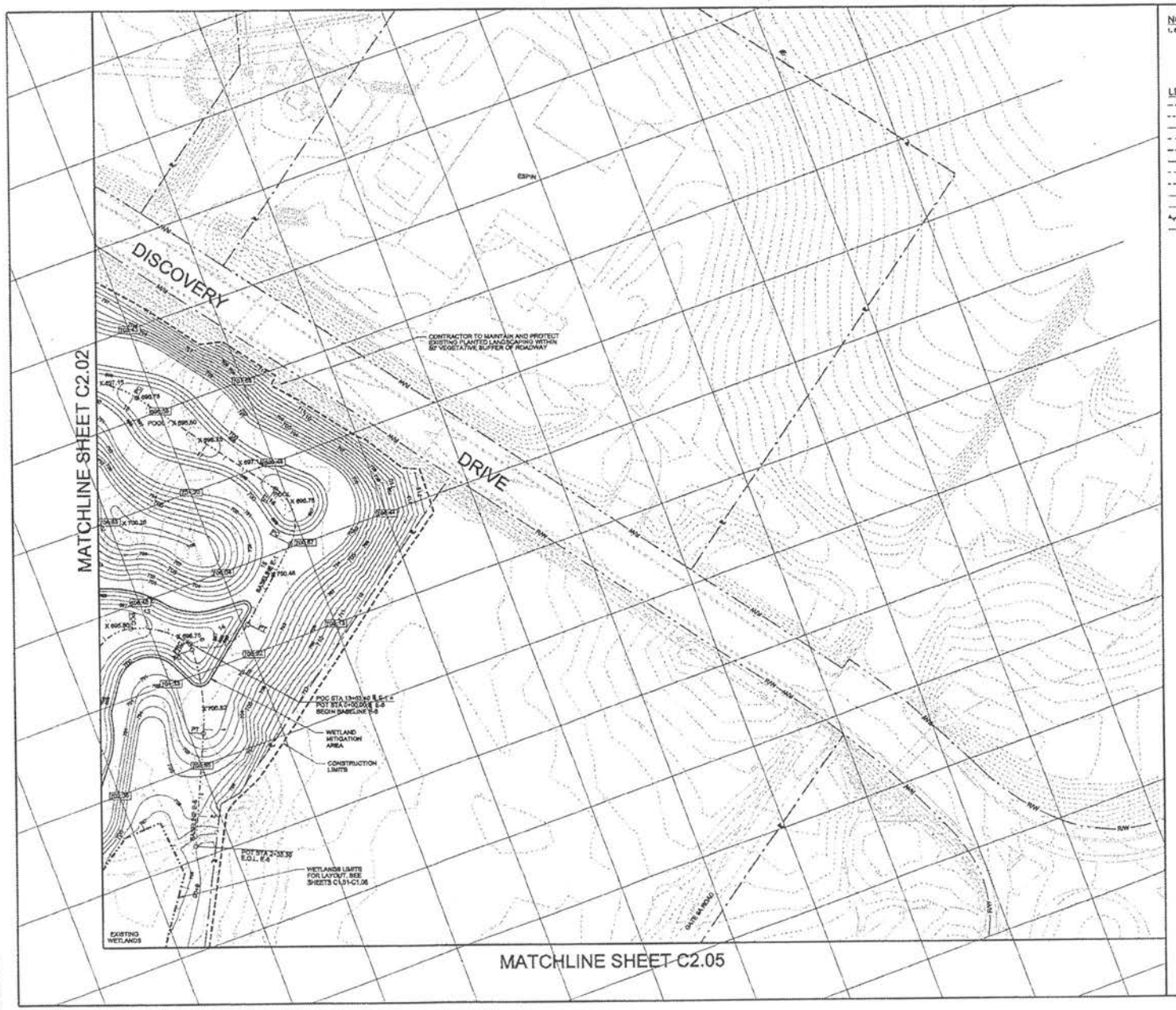
MATCHLINE SHEET C2.04
MATCHLINE SHEET C2.03
RAILROAD
DISCOVERY
MAINTENANCE ACCESS ROAD
CONSTRUCTION LIMITS
PROPOSED FUTURE ROAD & ROW FOR WAY
POOL
WETLAND MITIGATION AREA
LIMITS OF CONSTRUCTION
NOTES:
1. SEE SHEET C1.01 FOR GENERAL NOTES AND LEGEND. SEE SHEET C1.01 THROUGH C1.04 FOR LAYOUT INFORMATION. SEE SHEET C2.01 THROUGH C2.04 FOR GRADING & DRAINAGE COMPUTATIONS. SEE SHEET C3.01 THROUGH C3.04 FOR ADDITIONAL DETAILS.
2. IT IS NOT THE INTENT OF THIS CONTRACT TO IMPORT ADDITIONAL FILL MATERIAL. ALL EXCAVATED MATERIAL SHALL BE PLACED ADJACENT TO THE RAIL TRACK TRENDS SOUTH OF KOS CO-OP DRIVE. THE GRADING PLAN HAS BEEN DESIGNED WITH THE ARRANGEMENT OF THIS LOT AND THE ADJACENT SLOPE SHALL BE FILLED AT 1.5:1 (H:V) AND THE ADJACENT SLOPE SHALL BE FILLED AT 2:1 (H:V) UNTIL THE ELEVATION AT A MINIMUM SHALL BE EQUAL TO MEET THE FIVE ELEVATION AT 1.5:1 (H:V).
3. THE GRADING PLAN SHOWS THE INTENT OF THIS PROJECT AND SHOW GRADES AND DETAILS ON IMPROVED FEATURES. THE ROAD GRADE HAS BEEN DESIGNED TO BE PARALLEL TO THE FIELD TO ALLOW FOR CONSTRUCTION. ANY ROOD PRODUCT FIELD ADJUSTMENTS WHICH DIFFER FROM THE PLAN SHALL BE APPROVED BY THE ENGINEER. SMALL LANDSCAPE BERMS OFF PROPOSED RIGHT OF WAY SHALL BE CONSTRUCTED TO BE FLUSH WITH THE ROAD SURFACE AND DITCHES BEHIND TO CONTROL LOCATION OF CONTOURS SHOWN ON THE PLAN.
4. DEVELOPMENT AREA SHALL BE COMPACTED AT 95% STANDARD PROCTOR WITH THE LAST 2 FEET AT 100%.

LEGEND:
BASELINE / CENTER LINE
CHANNEL BOTTOM
PROPERTY LINE
WETLAND BOUNDARY LINE
RIGHT OF WAY
EXISTING MAJOR CONTOUR
PROPOSED MAJOR CONTOUR
ROOT WADE
COVER LOGIC
DIRECTION OF DRAINAGE
CBED SPOT ELEVATION
GROUND SPOT ELEVATION
SCALE: 1 INCH = 30 FEET
C2.02
FILE NO. 31233-07
SITE GRADING & DRAINAGE
POE BRANCH STORM WATER FACILITY
enterprise south INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE
PRELIMINARY NOT FOR CONSTRUCTION
DATE
BWSC
BARGE WAGGONER SUMNER & CANNON, INC.

Exhibit 3
Applicant Plans (5 of 16)
Public Notice 13-18
File No. 2003-01631




NOTES:
1. SEE SHEET C0.01 FOR GENERAL NOTES AND LEGEND.

LEGEND:

- BASELINE / CENTER LINE
- CHANNEL BOTTOM
- CHANNEL TOP
- PROPERTY LINE
- WETLAND BOUNDRY LINE
- RIGHT OF WAY
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- ROOT WADS
- COIR LOGS
- DIRECTION OF DRAINAGE
- GRID SPOT ELEVATION
- GROUND SPOT ELEVATION

SCALE: 1 INCH = 50 FEET

BWSC
BARGE WAGGONER SUMNER & CANNON, INC.

PRELIMINARY NOT FOR CONSTRUCTION

DATE

SITE GRADING & DRAINAGE

POE BRANCH STORM WATER FACILITY

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

| DR. | CHK. | DATE | DESCRIPTION |
|---|---|---|---|

C2.03

FILE NO. 31233-07

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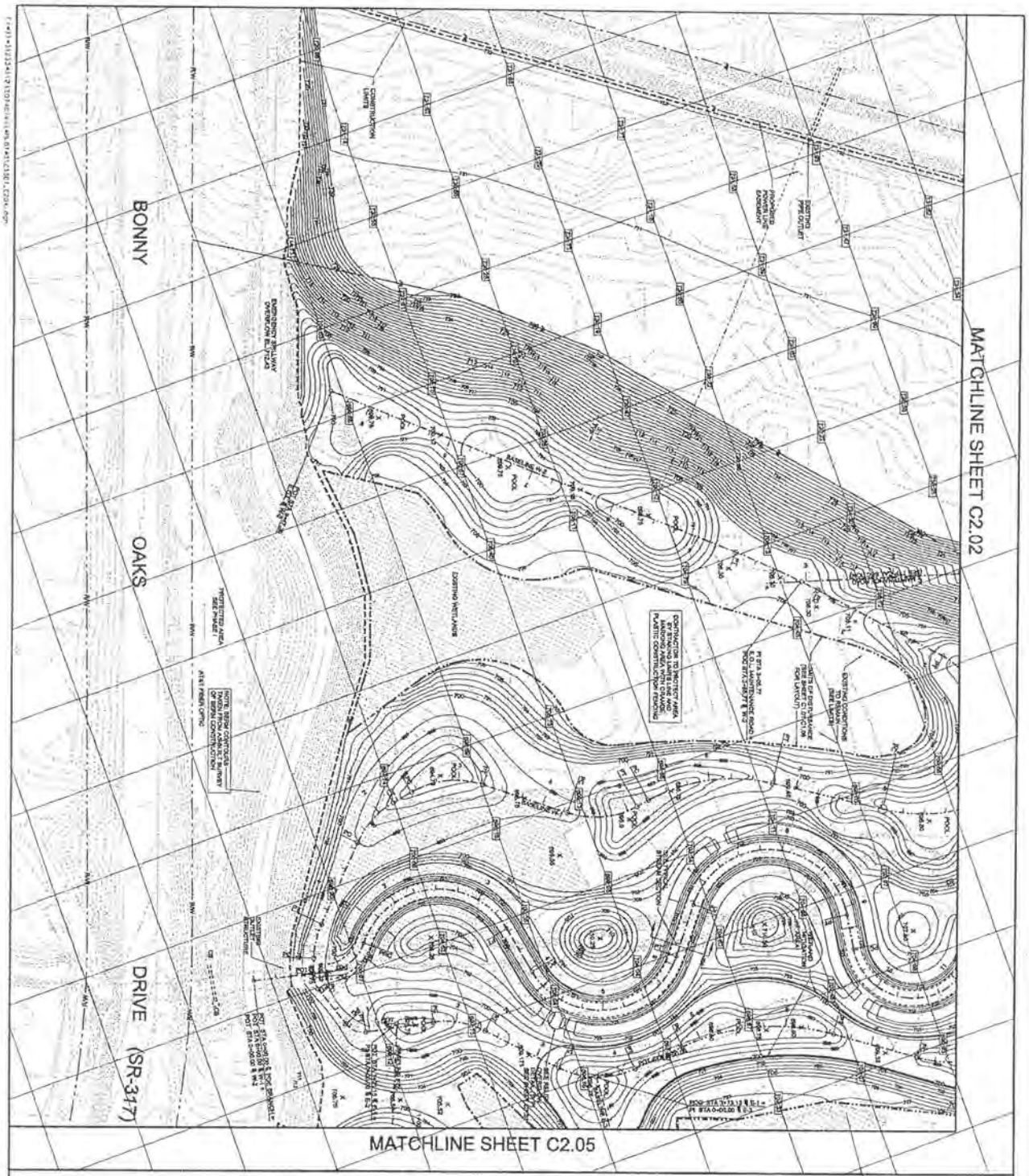



NOTES:
1. SEE SHEET C0.01 FOR GENERAL NOTES AND LEGEND.

LEGEND:
- BASELINE / CENTER LINE
- CHANNEL BOTTOM
- CHANNEL TOP
- PROPERTY LINE
- WETLAND BOUNDARY LINE
- RIGHT OF WAY
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MAJOR CONTOUR
- ROOT WADS
- DOOR LOGS
- DIRECTION OF DRAINAGE
- GRID SPOT ELEVATION
- GROUND SPOT ELEVATION

| DR. | CHK. | DATE | DESCRIPTION |
|---|---|---|---|
| | | | |

C2.04
FILE NO. 31233-07

SITE GRADING & DRAINAGE

POE BRANCH STORM WATER FACILITY

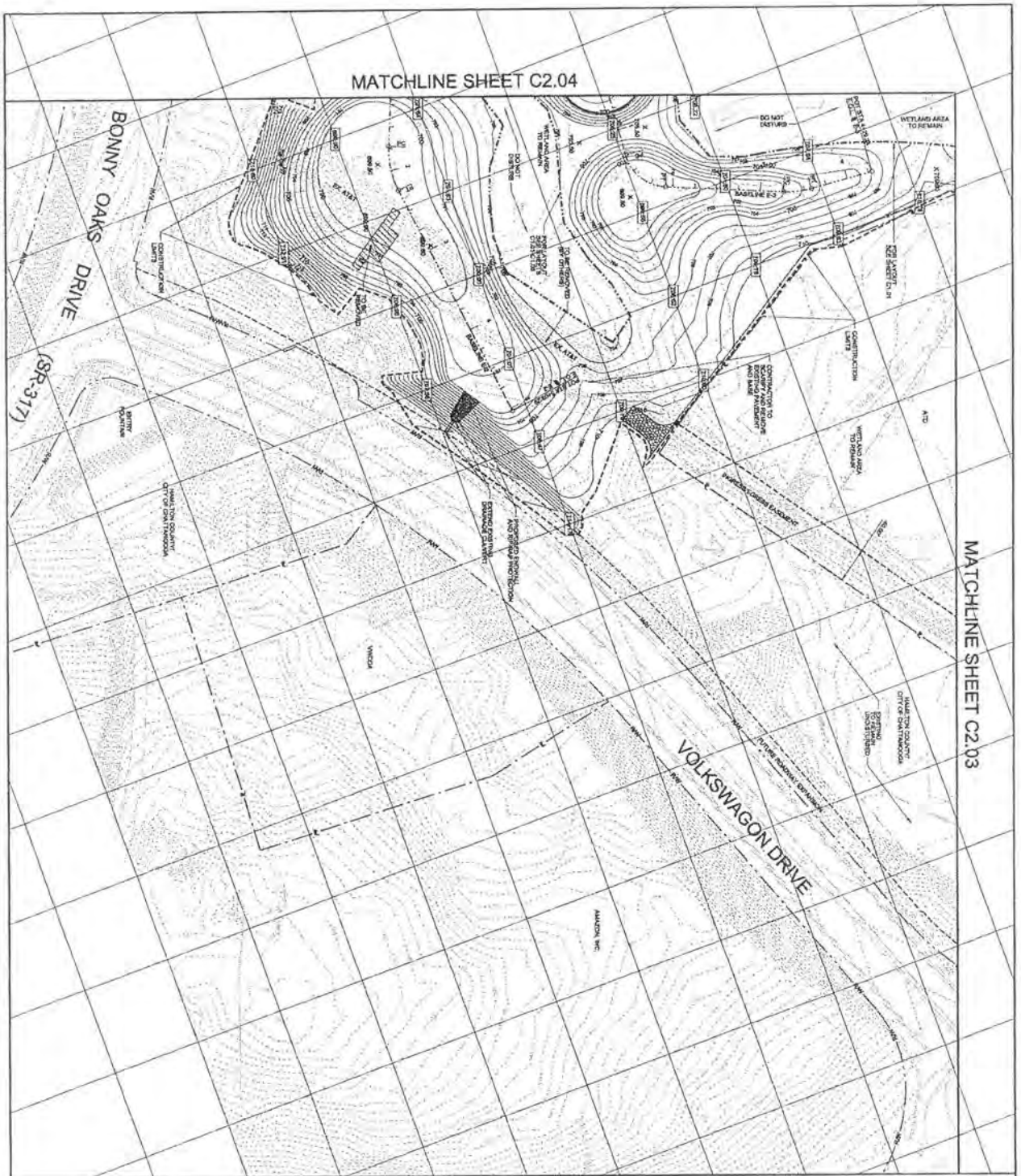
enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

PRELIMINARY NOT FOR CONSTRUCTION

DATE

BWSC BARGE WAGGONER SUMNER & CANNON, INC.




| DR. | CHK. | DATE | DESCRIPTION |
|---|---|---|---|
| | | | |

C2.05

FILE NO. 31233-07

SITE GRADING & DRAINAGE

POE BRANCH STORM WATER FACILITY

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

PRELIMINARY NOT FOR CONSTRUCTION

DATE

BWSC BARGE WAGGONER SUMNER & CANNON, INC.

NOTES:

1. SEE SHEET C0.01 FOR GENERAL NOTES AND ADDITIONAL EROSION & SEDIMENT CONTROL NOTES.
2. CONTRACTOR IS REQUIRED TO STOCKPILE LOGS AND ROOT MATERIAL FROM THE SITE AS NECESSARY FOR REUSE ON SITE AS DEPICTED ON PLANS.
3. SILT SOCK AND STACKED SILT SOCK MAY BE USED IN LIEU OF SILT FENCE AND DOUBLE-ROW SILT FENCE, RESPECTIVELY WHERE INDICATED. SILT SOCK OR APPROVED EQUIVALENT MEASURES MAY BE USED.
4. ANY DISTURBED AREAS LEFT IDLE FOR 14 DAYS OR MORE SHALL BE TEMPORARILY STABILIZED.
5. NO VEGETATION SHALL BE CLEARED MORE THAN 10 DAYS PRIOR TO PLANNED LAND DISTURBING ACTIVITIES FOR THAT AREA.
6. CONTRACTOR SHALL CONDUCT CLEARING ACTIVITIES SUCH A MANNER AS TO PRESERVE AND PROTECT EXISTING TREES TO THE EXTENT PROPOSED IMPROVEMENTS ALLOW.

LEGEND:

- BASELINE / CENTER LINE
- CHANNEL BOTTOM
- CHANNEL TOP
- PROPERTY LINE
- WETLAND BOUNDARY LINE
- RIGHT OF WAY
- EXISTING MINOR CONTOUR
- EXISTING MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- ROOT WADS
- COIR LOGS
- LIMITS OF CONSTRUCTION/ CLEARING
- CHANNEL RIFFLE
- CHANNEL POOL

LEGEND

- OP OUTLET PROTECTION
- CE CONSTRUCTION EXIT
- CD ROCK CHECK DAM
- SF SILT FENCE / SILT SOCK
- IP INLET PROTECTION
- SB TEMPORARY SEDIMENT BASIN
- DI DIVERSION DITCH
- ST TEMPORARY SEDIMENT TRAP
- PS PERMANENT SEEDING
- MA-1 TEMPORARY MATTING
- MA-2 PERMANENT MATTING
- SD TEMPORARY SLOPE DRAIN AND BERM
- FR FILTER RING
- TS TEMPORARY SEEDING
- EXISTING WETLANDS
- TPF TREE PROTECTION FENCING

SCALE: 1 INCH = 50 FEET

BWSC
BARGE WAGGENER SUMNER & CANNON, INC.

INITIAL EROSION & SEDIMENT CONTROL PLAN
REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)
enterprise south INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE

C2.42
FILE NO. 31238-07

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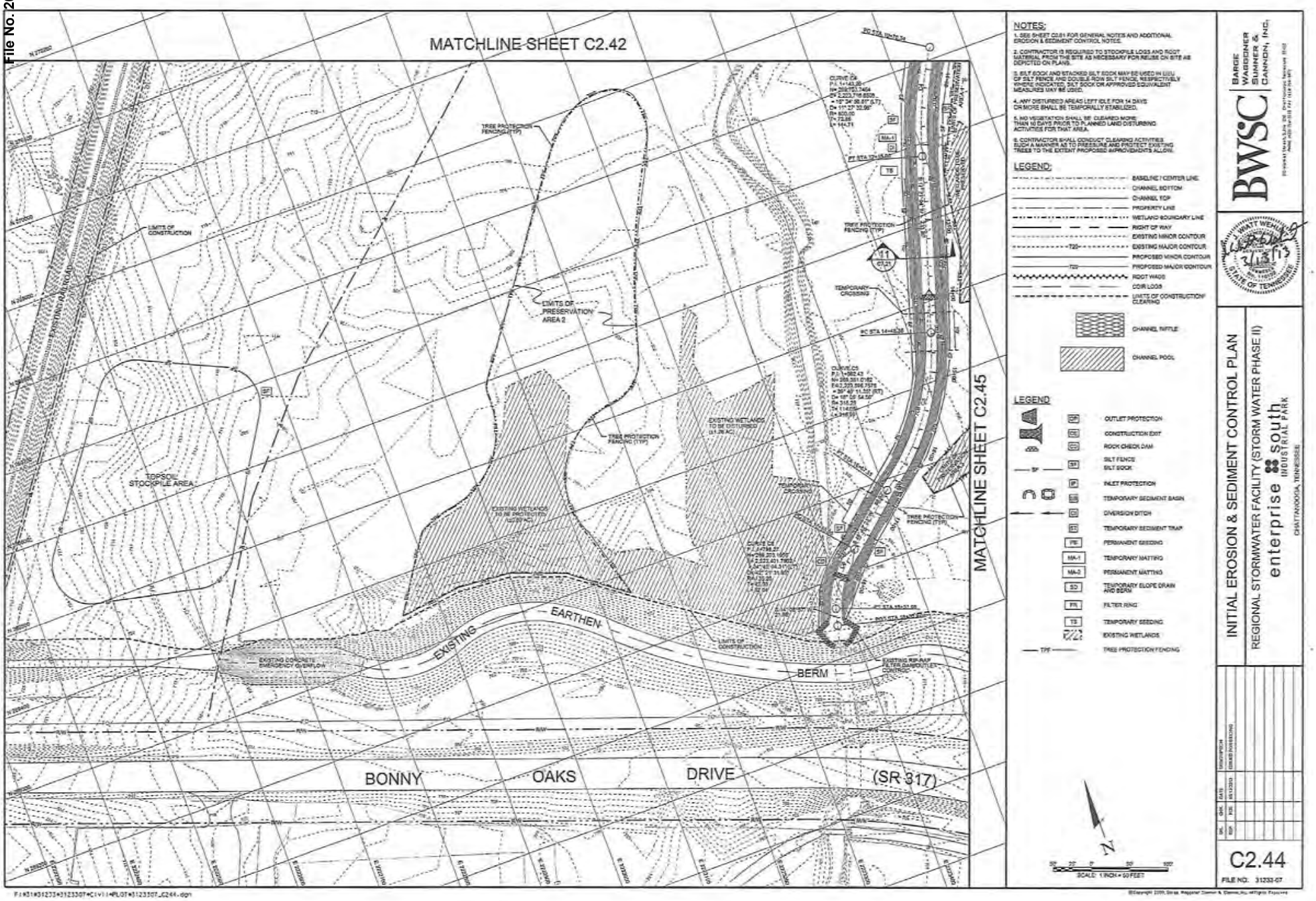
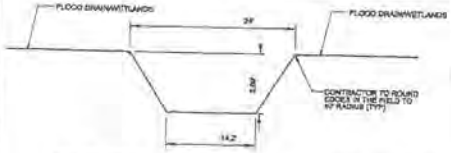

MATCHLINE SHEET C2.42
MATCHLINE SHEET C2.45
TREE PROTECTION FENCING (TYP)
LIMITS OF CONSTRUCTION
LIMITS OF PRESERVATION AREA 2
TOPSOIL STOCKPILE AREA
EXISTING WETLANDS TO BE DISTURBED
EXISTING WETLANDS TO BE PROTECTED
TEMPORARY CROSSING
EXISTING CONCRETE EMERGENCY OVERFLOW
EXISTING EARTHEN BERM
EXISTING RIP-RAP FILTER DAMBOUTLET CONTROL
BONNY OAKS DRIVE (SR 317)
NOTES:
1. SEE SHEET C0.01 FOR GENERAL NOTES AND ADDITIONAL EROSION & SEDIMENT CONTROL NOTES.
2. CONTRACTOR IS REQUIRED TO STOCKPILE LOGS AND ROOT MATERIAL FROM THE SITE AS NECESSARY FOR REUSE ON SITE AS DEPICTED ON PLANS.
3. SILT SOCK AND STACKED SILT SOCK MAY BE USED IN LIEU OF SILT FENCE AND DOUBLE ROW SILT FENCE, RESPECTIVELY WHERE INDICATED. SILT SOCK OR APPROVED EQUIVALENT MEASURES MAY BE USED.
4. ANY DISTURBED AREAS LEFT IDLE FOR 14 DAYS OR MORE SHALL BE TEMPORALLY STABILIZED.
5. NO VEGETATION SHALL BE CLEARED MORE THAN 10 DAYS PRIOR TO PLANNED LAND DISTURBING ACTIVITIES FOR THAT AREA.
6. CONTRACTOR SHALL CONDUCT CLEARING ACTIVITIES SUCH A MANNER AS TO PRESSURE AND PROTECT EXISTING TREES TO THE EXTENT PROPOSED IMPROVEMENTS ALLOW.
LEGEND:
BASELINE / CENTER LINE
CHANNEL BOTTOM
CHANNEL TOP
PROPERTY LINE
WETLAND BOUNDARY LINE
RIGHT OF WAY
EXISTING MINOR CONTOUR
EXISTING MAJOR CONTOUR
PROPOSED MINOR CONTOUR
PROPOSED MAJOR CONTOUR
ROOT WAGS
COIR LOGS
LIMITS OF CONSTRUCTION/ CLEARING
CHANNEL RIFFLE
CHANNEL POOL
LEGEND
OUTLET PROTECTION
CONSTRUCTION EXIT
ROCK CHECK DAM
SILT FENCE
SILT SOCK
INLET PROTECTION
TEMPORARY SEDIMENT BASIN
DIVERSION DITCH
TEMPORARY SEDIMENT TRAP
PERMANENT SEEDING
TEMPORARY MATTING
PERMANENT MATTING
TEMPORARY SLOPE DRAIN AND BERM
FILTER RING
TEMPORARY SEEDING
EXISTING WETLANDS
TREE PROTECTION FENCING
N
SCALE: 1 INCH = 50 FEET
BWSC
BARGE WAGGONER SUMNER & CANNON, INC.
J. WATT WEHUNG
STATE OF TENNESSEE
INITIAL EROSION & SEDIMENT CONTROL PLAN
REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)
enterprise south
INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE
C2.44
FILE NO. 31233-07

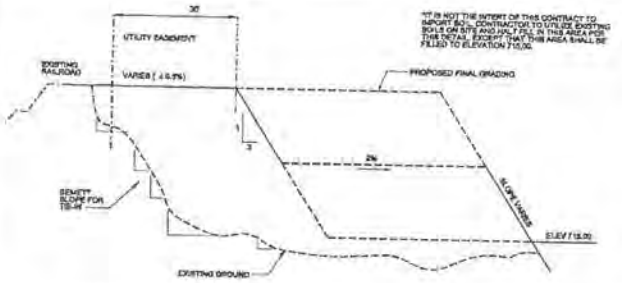



NOTES:
1. SECTION SHOWN DOES NOT REFLECT RIFFLE OR POOL SECTION. SEE ADDITIONAL DETAILS - SHEET C7.02 FOR STREAM SECTION DETAILS.
2. DEPTH SHOWN DURATED NOTES AVERAGE CHANNEL DEPTH.

1 C7.01 NTS TYPICAL STREAM SECTION-NORTH OF DISCOVERY DRIVE

2 C7.01 NTS TYPICAL STREAM SECTION-SOUTH OF DISCOVERY DRIVE

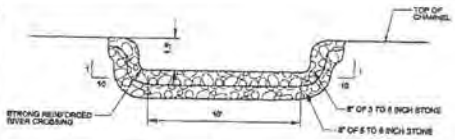
3 C7.01 NTS TYPICAL SECTION-PROPOSED ROADWAY



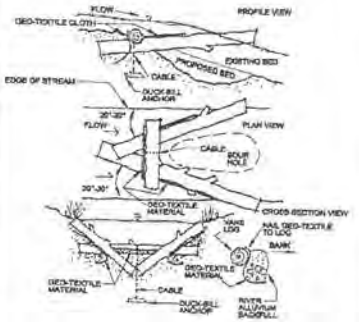

*IT IS NOT THE INTENT OF THIS CONTRACT TO IMPORT SOIL. CONTRACTOR TO UTILIZE EXISTING SOILS ON SITE AND HAULT FILL IN THIS AREA PER THIS DETAIL. EXCEPT THAT THIS AREA SHALL BE FILLED TO ELEVATION 715.00.

4 C7.01 NTS TYPICAL WEST LOT(S) GRADING FOR LESS THAN FULL GRADING

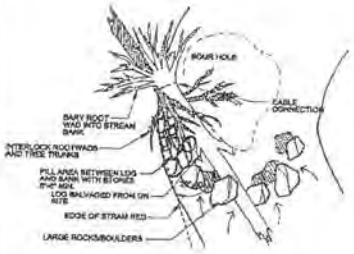
5 C7.01 NTS TYPICAL SECTION-MAINTENANCE ACCESS RAMP



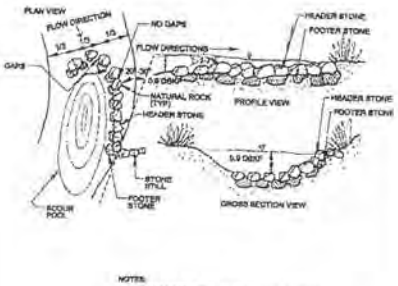

6 C7.01 NTS HIGH FLOW SPILL OVER




7 C7.01 NTS CROSS-VANE USING LOGS AND DUCK-BILL ANCHOR

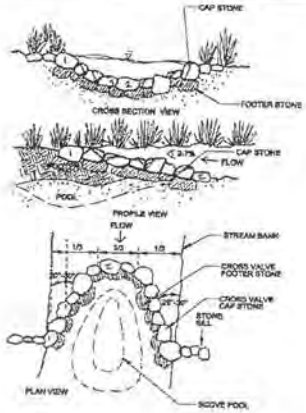



8 C7.01 NTS ROOT WAD/LOG VANE/J-HOOK COMBO




NOTES:
1. IF LOGS ARE USED IN CONSTRUCTIN THE J-HOOK THE ROOT WAD OF THE LOG IS TO BE.
2. J-HOOKS ARE TO BE FIELD LOCATED BY THE A/E AND CAN BE COMPLETED USING NATURAL MATERIALS (LOGS, BOULDERS, STONES, AND ROOT WADS) SALVAGE FROM THE SITE.

9 C7.01 NTS HIGH FLOW SPILL OVER




NOTES:
1. ROCK VANE TO BE LOCATED AS SHOWN ON THE PLANS AND AT OTHER LOCATIONS AS DIRECTED BY THE A/E.
2. ROCK VANE TO BE ORIENTED UPSTREAM AT A 20°- 30° ANGLE TO THE CROSS AT ANGLE OF THE BANK.
3. VANES SHALL BE HIGH EST NOT TO THE BANK AND CONNECTED TO THE FULL ELEVATION OR SLIGHTLY BELOW.
4. EACH LEG OF THE CROSS VANE SHALL HAVE A LENGTH THAT SPANS UP TO AND THRU THE BASE. A CONCAVE, WITH A SLOPE OF 3.4% AS DIRECTED BY A/E DURING CONSTRUCTION. PLATTER AND LONGER STRUCTURES WILL BE PREFABRICATED DURING CONSTRUCTION.
5. ALL CROSS VANES SHALL INCLUDE NON WOVEN GEO TEXTILE ON THE UPSTREAM SIDE OF THE ENTIRE STRUCTURE PLACED A MINIMUM OF 2' BELOW ROCK.
6. ALL CROSS VANES SHALL HAVE A MIN. 1/2 TON FOOTER ROCK PLACED AROUND THE VANE AT THE INTERSECTION OF THE BANKFULL ELEVATION AND ALSO A TWO FOOTER 1/2 TON ROCKS PLACED BELOW EACH LOG LEG OF THE STRUCTURE.
7. CROSS VANES CAN BE CONSTRUCTED WITH BOULDERS LOGS AND A COMBINATION OF BOTH.
8. LARGE FLAT ROCKS CAN BE SUBSTITUTED FOR THE DUCKBILL ANCHOR AND CABLE TO KEEP LOGS IN PLACE.

10 C7.01 NTS CROSS-VANE

BWSC BARGE WAGGONER SUMNER & CANNON, INC.

PRELIMINARY NOT FOR CONSTRUCTION

DATE

EROSION AND SEDIMENT CONTROL DETAILS

POE BRANCH STORM WATER FACILITY
enterprise south INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE

| DR. | DATE | DESCRIPTION |
|---|---|---|

C7.01

FILE NO. 31233.07

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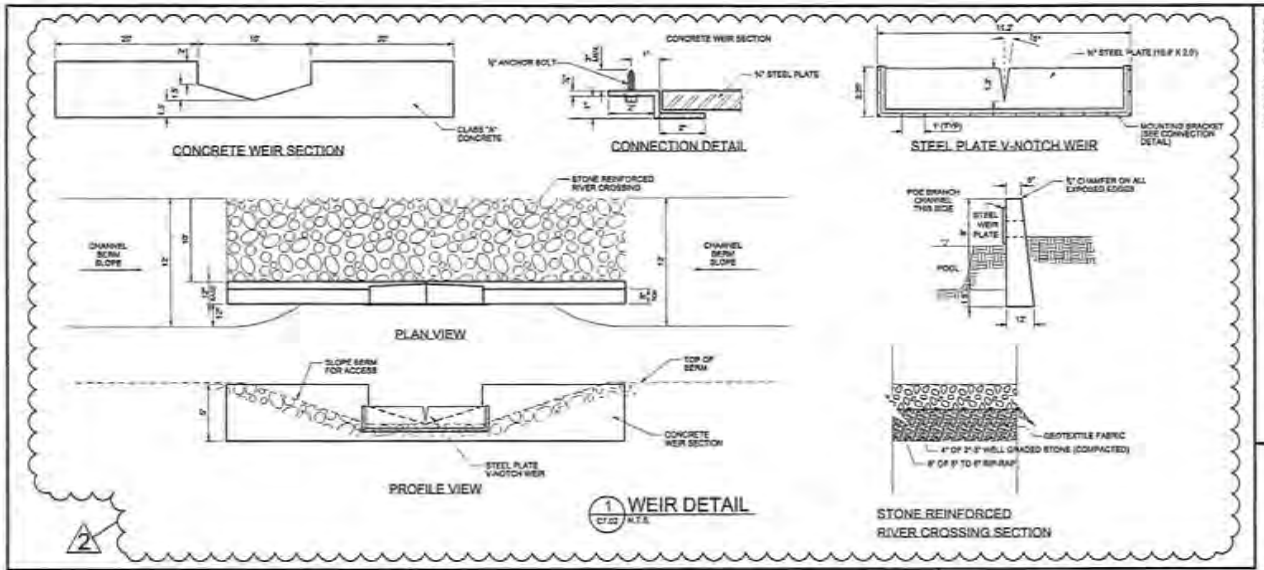
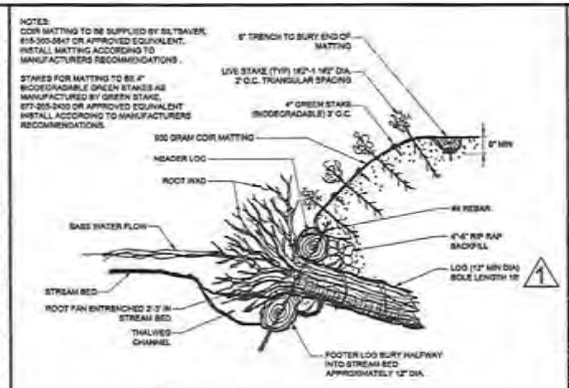
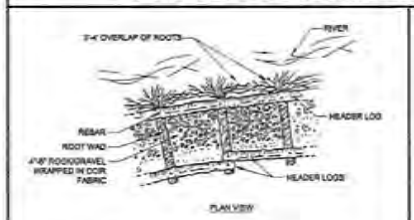


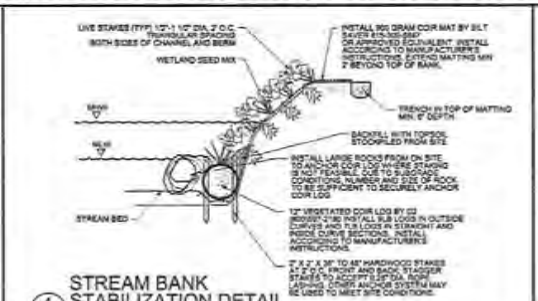

1 WEIR DETAIL
C7.02 N.T.S.



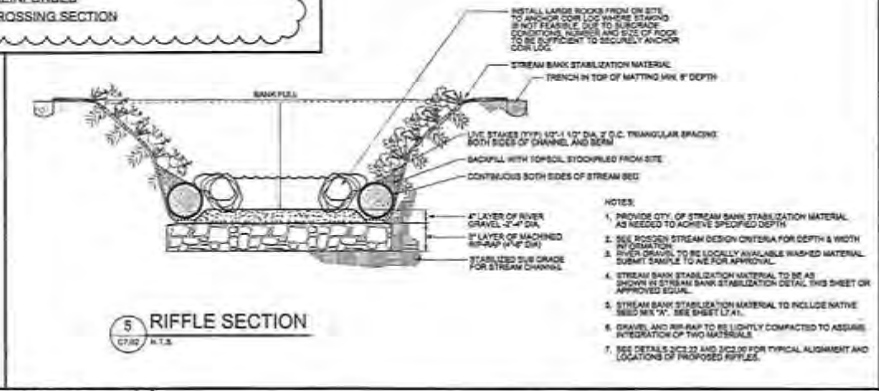

2 ROOT WAD SECTION DETAIL
C7.02 N.T.S.



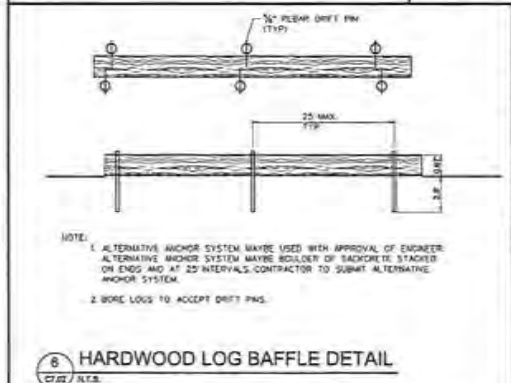

3 ROOT WAD PLAN DETAIL
C7.02 SCALE: 1" = 1'-0"



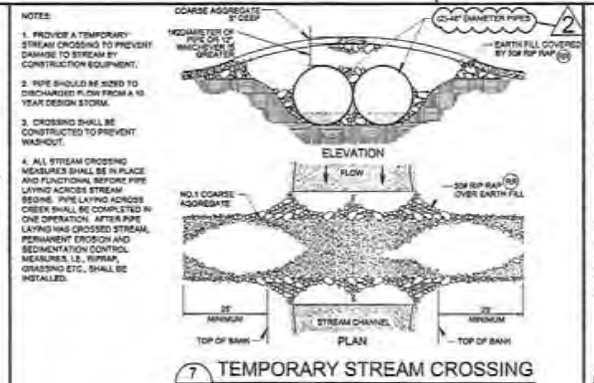

4 STREAM BANK STABILIZATION DETAIL
C7.02 N.T.S.



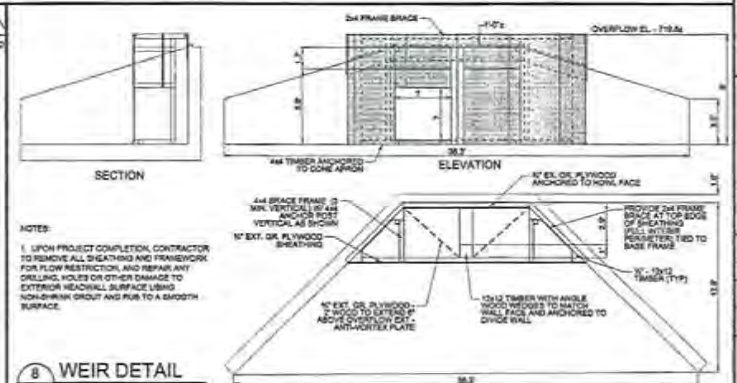

5 RIFFLE SECTION
C7.02 N.T.S.




8 HARDWOOD LOG BAFFLE DETAIL
C7.02 N.T.S.




7 TEMPORARY STREAM CROSSING
C7.02 N.T.S.




8 WEIR DETAIL
C7.02 N.T.S.

BWSC BARGE WAGGONER SUMNER & CANNON, INC.

REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)
enterprise south INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE

| DR. | CHK. | DATE | DESCRIPTION |
|---|---|---|---|
| BSP | TCS | 02/12/2013 | ISSUED FOR BIDDING |
| BSP | TCS | | REVISION NO. 1 |
| BSP | TCS | 04/08/2013 | REVISION NO. 2 |
| BSP | TCS | | REVISION NO. 3 |

C7.02

FILE NO: 31253-07

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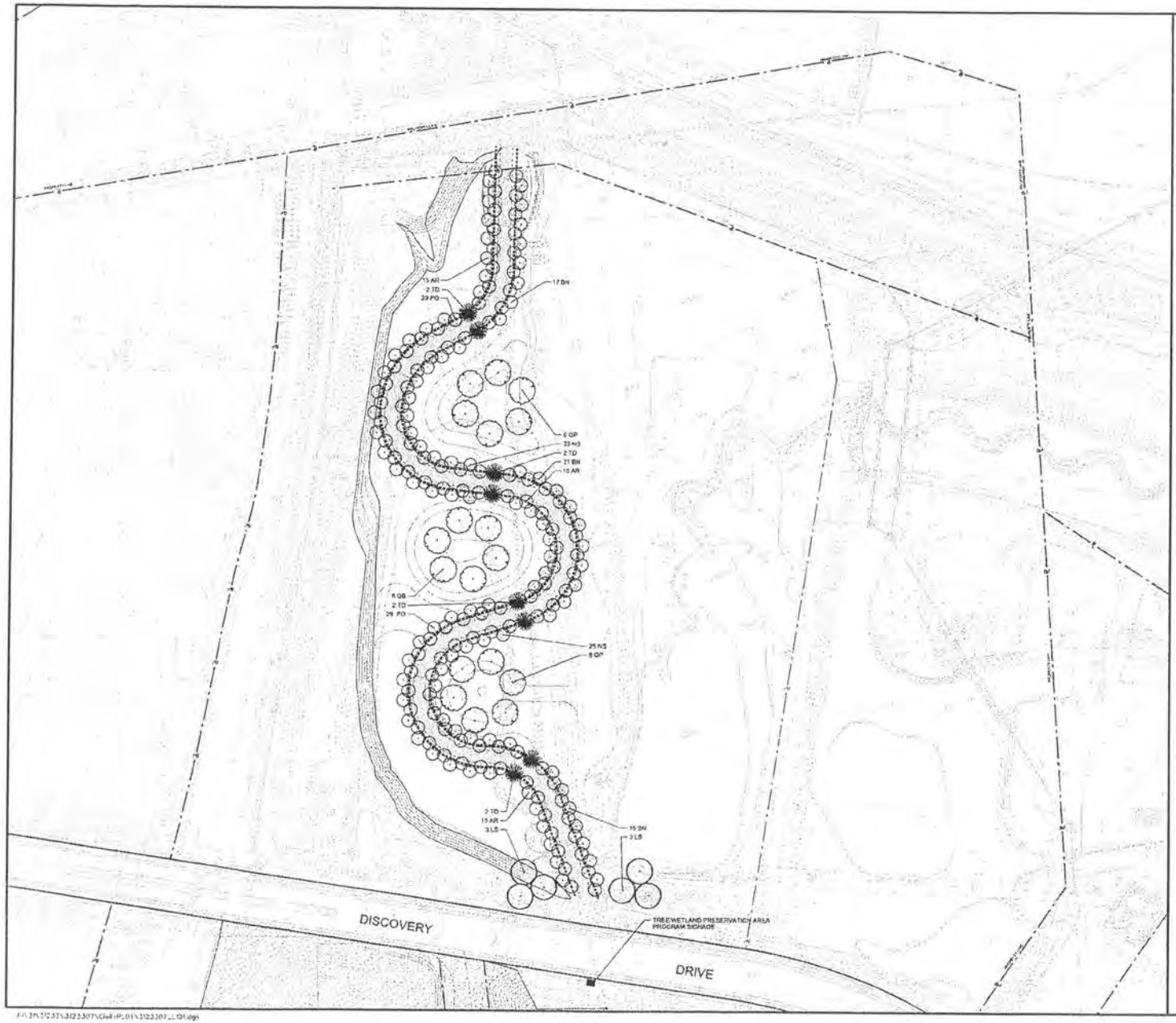


## LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- TDOT SEED MIX
- STREAM CORRIDOR/POOLS
- LIVE STAKE PLANTING - (SEE NOTE 5)
- TREE/WETLAND PRESERVATION AREA
- TPF — TREE/WETLAND PRESERVATION FENCING
- TREE/WETLAND PRESERVATION AREA SIGN SEE DETAIL 1/L7.42
- TREE/WETLAND PRESERVATION AREA PROGRAM SIGNAGE
- HARDWOOD LOG - SEE NOTE 5

## GENERAL NOTES:

1. SEED ALL DISTURBED AREAS, UNLESS NOTED OTHERWISE, WITH SEED MIX "A"
2. PLUGS TO BE INSTALLED IN ALL AREAS DESIGNATED AS SEED MIX "A". SEE PLUGGING SPECIFICATIONS FOR SPACING AND PLACEMENT.
3. PLANT TREES OUTSIDE EXISTING TREE LINE. CONTRACTOR TO LOCATE EXISTING TREE LINE
4. LIVE STAKES TO BE INSTALLED 2' O.C. FROM THE EDGE OF THE PROPOSED POOLS. SEE DETAIL 4/C7.50
5. LIVE STAKES SPECIES TO BE PLACED IN A RANDOM MIXTURE ALONG STREAM CORRIDOR. SEE L7.41 FOR LIVE STAKE SCHEDULE
6. SEE CIVIL LAYOUT SHEET FOR LOCATION OF PROPOSED HARDWOOD LOGS
7. CONTRACTOR TO STAKE ALL TREES IN FIELD AND RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO PLANTING
8. SEE SHEET L7.40-41 FOR PLANT, SEED, PLUG, AND LIVE STAKE NOTES, DETAILS AND SCHEDULES
9. STREAM CORRIDOR WILL NOT BE SEEDED

SCALE: 1 INCH = 50 FEET

BWSC
BARGE WAGGONER SUMNER & CANNON, INC.

PRELIMINARY NOT FOR CONSTRUCTION

DATE

# LANDSCAPE PLAN

REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

| DR. | CK. | DATE | DESCRIPTION |
|---|---|---|---|
| R.S. | J.B. | 02/27/2015 | ISSUED FOR BIDDING |

L1.01

FILE NO. 31233-07

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2/27/2015
10:51:40
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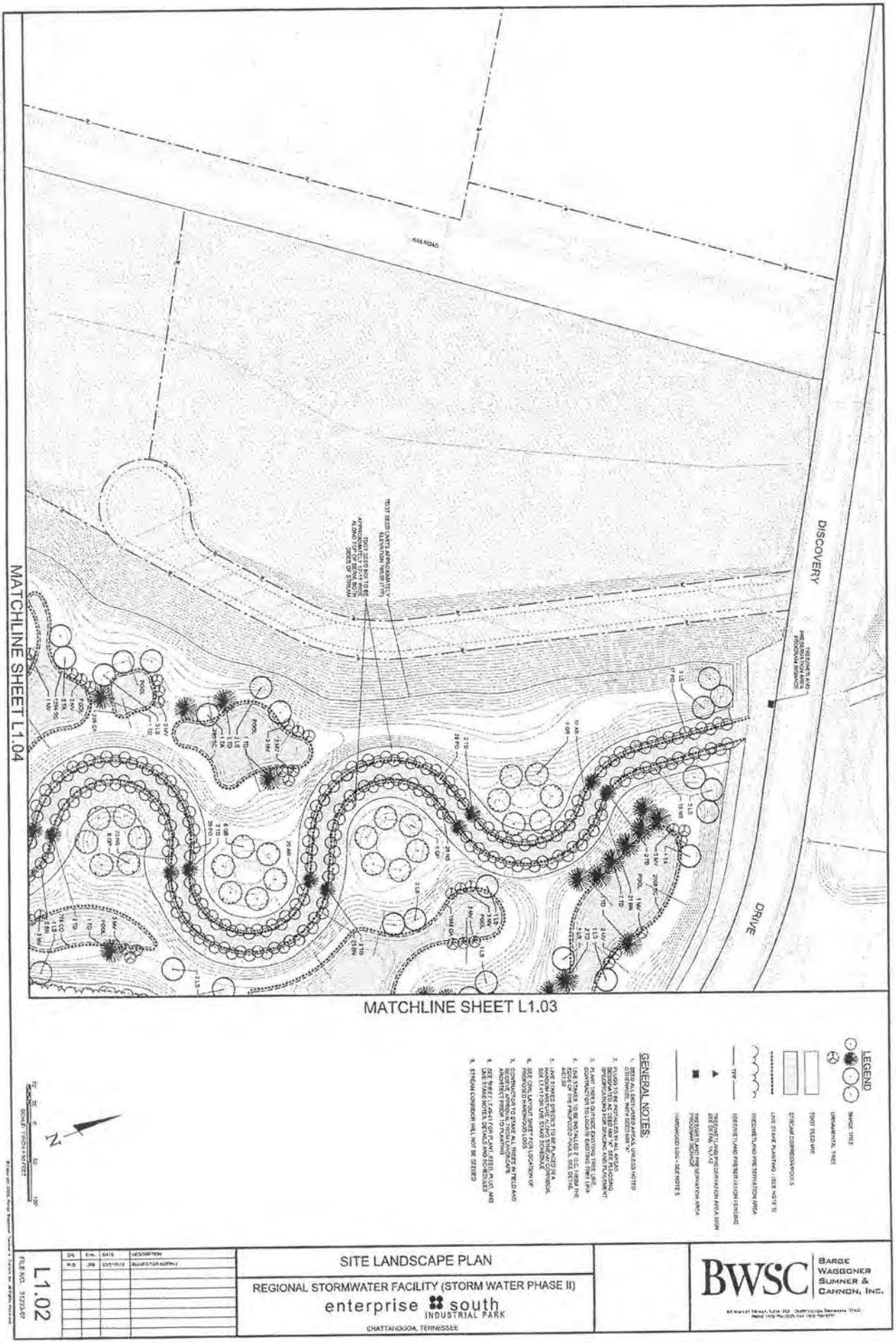
MATCHLINE SHEET L1.04
MATCHLINE SHEET L1.03
DISCOVERY
DRIVE
RAILROAD
LEGEND
GENERAL NOTES:
SITE LANDSCAPE PLAN
REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)
enterprise south
INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE
BWSC
BARGE WAGGONER SUMNER & CANNON, INC.
L1.02

## LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- TOOT SEED MIX
- STREAM CORRIDOR/POOLS
- LIVE STAKE PLANTING - (SEE NOTE 3)
- TREE/WETLAND PRESERVATION AREA
- TPF — TREE/WETLAND PRESERVATION FENCING
- TREE/WETLAND PRESERVATION AREA SIGN SEE DETAIL 1A.7.42
- TREE/WETLAND PRESERVATION AREA PROGRAM SIGNAGE
- HARDWOOD LOG - SEE NOTE 5

## GENERAL NOTES:

1. SEED ALL DISTURBED AREAS, UNLESS NOTED OTHERWISE, WITH SEED MIX "A"
2. PLUGS TO BE INSTALLED IN ALL AREAS DESIGNATED AS SEED MIX "A". SEE PLUGGING SPECIFICATIONS FOR SPACING AND PLACEMENT.
3. PLANT TREES OUTSIDE EXISTING TREE LINE. CONTRACTOR TO LOCATE EXISTING TREE LINE
4. LIVE STAKES TO BE INSTALLED 2' O.C. FROM THE EDGE OF THE PROPOSED POOLS. SEE DETAIL 4/C7.02
5. LIVE STAKES SPECIES TO BE PLACED IN A RANDOM MIXTURE ALONG STREAM CORRIDOR. SEE L7.41 FOR LIVE STAKE SCHEDULE
6. SEE CIVIL LAYOUT SHEET FOR LOCATION OF PROPOSED HARDWOOD LOGS
7. CONTRACTOR TO STAKE ALL TREES IN FIELD AND RECIEVE APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO PLANTING
8. SEE SHEET L7.40-41 FOR PLANT, SEED, PLUG, AND LIVE STAKE NOTES, DETAILS AND SCHEDULES
9. STREAM CORRIDOR WILL NOT BE SEEDED

N

SCALE: 1 INCH = 50 FEET

BWSC
BARGE WAGGONER SUMNER & CANNON, INC.

PRELIMINARY NOT FOR CONSTRUCTION

DATE

SITE LANDSCAPE PLAN

REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

| DR. | CHK. | DATE | DESCRIPTION |
|---|---|---|---|
| P.C. | JSA | 03/01/03 | ISSUED FOR BIDDING |

L1.03

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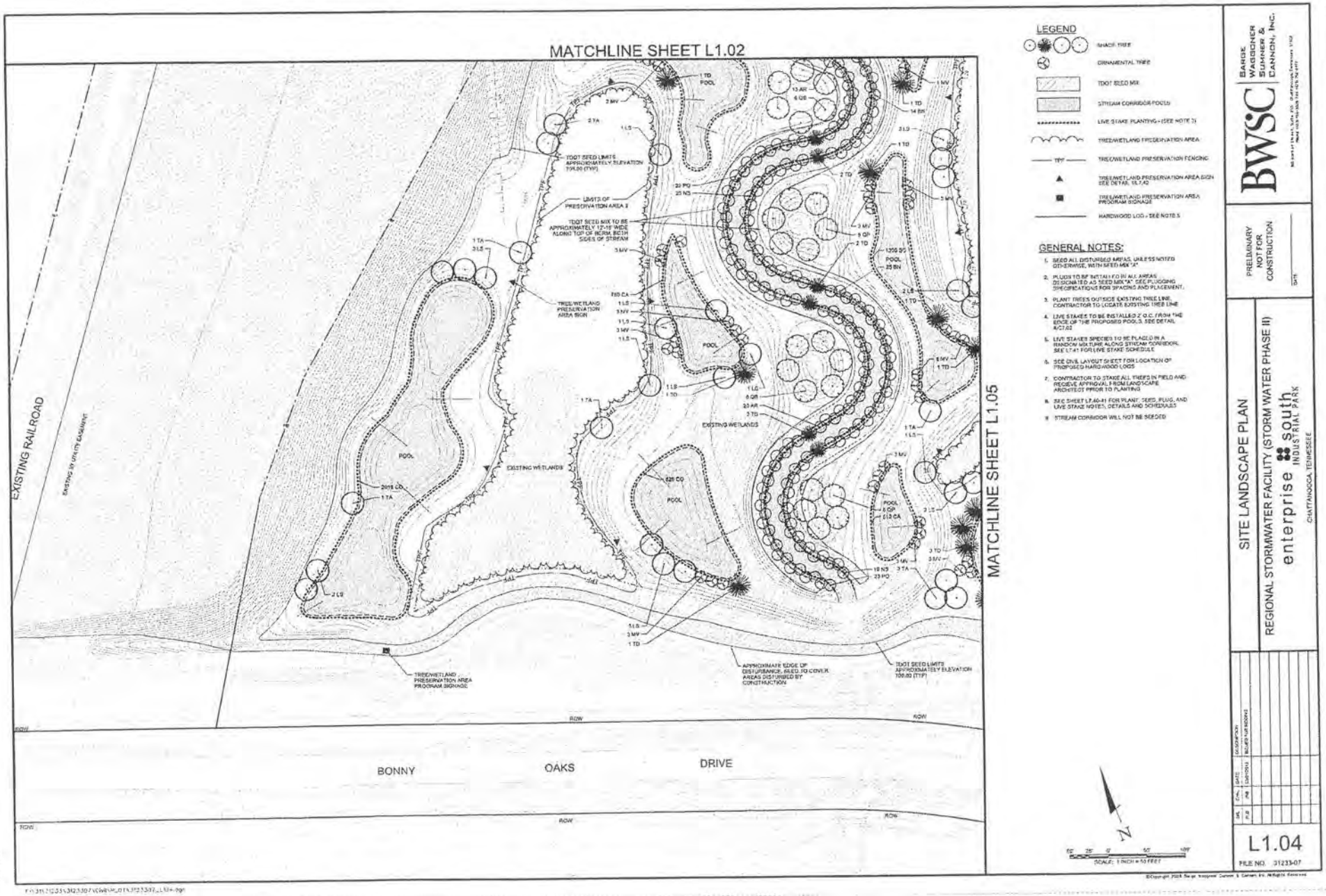
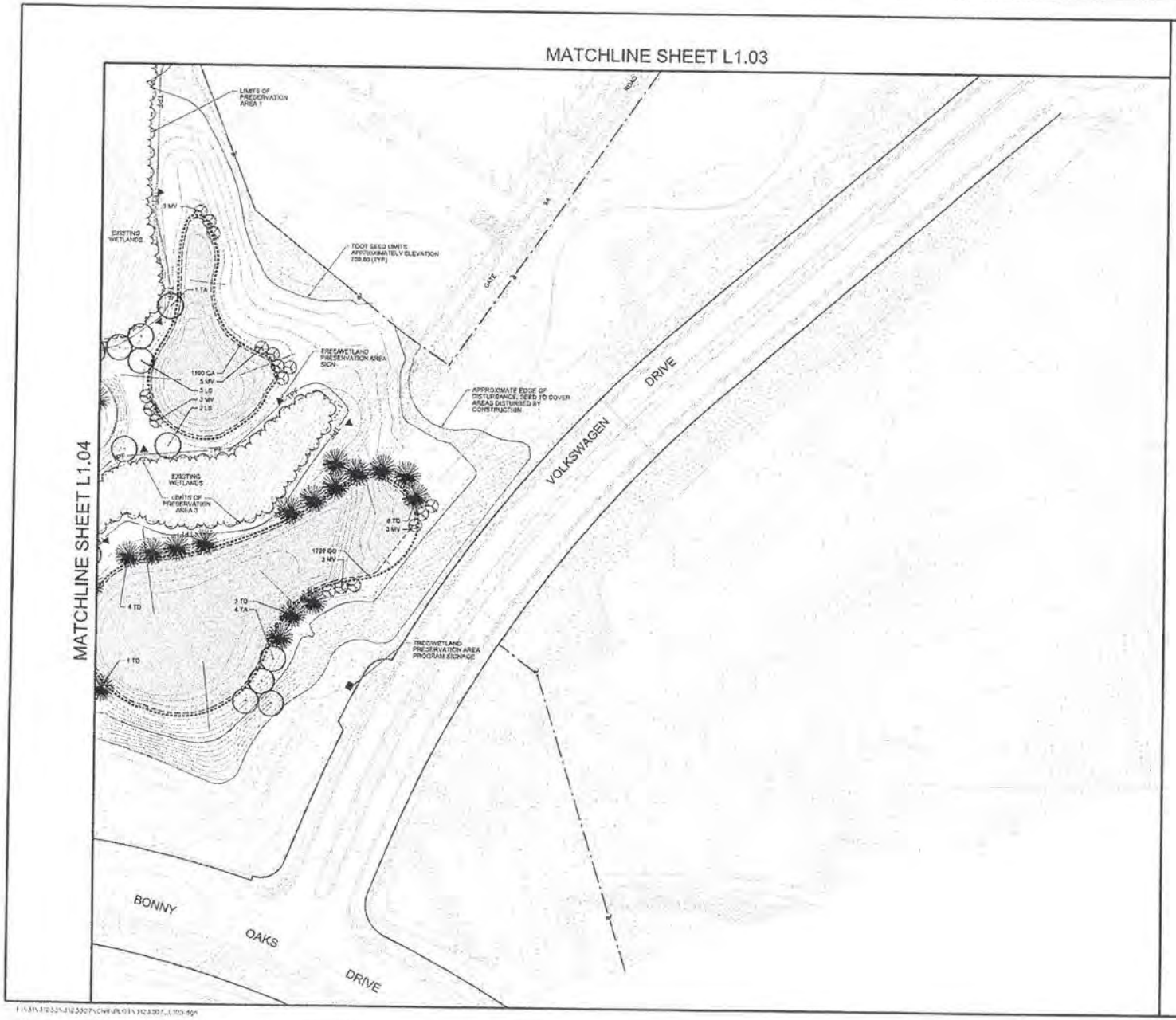

MATCHLINE SHEET L1.02
MATCHLINE SHEET L1.05
EXISTING RAILROAD
EXISTING WETLANDS
POOL
TDOT SEED LIMITS APPROXIMATELY ELEVATION 709.00 (TYP)
LIMITS OF PRESERVATION AREA 3
TDOT SEED MIX TO BE APPROXIMATELY 12'-15' WIDE ALONG TOP OF BERM, BOTH SIDES OF STREAM
TREE/WETLAND PRESERVATION AREA SIGN
TREE/WETLAND PRESERVATION AREA PROGRAM SIGNAGE
APPROXIMATE EDGE OF DISTURBANCE, SEED TO COVER AREAS DISTURBED BY CONSTRUCTION
TDOT SEED LIMITS APPROXIMATELY ELEVATION 700.00 (TYP)
ROW
BONNY
OAKS
DRIVE
LEGEND
SHADE TREE
ORNAMENTAL TREE
TDOT SEED MIX
STREAM CORRIDOR POOLS
LIVE STAKE PLANTING - (SEE NOTE 3)
TREE/WETLAND PRESERVATION AREA
TREE/WETLAND PRESERVATION FENCING
TREE/WETLAND PRESERVATION AREA SIGN SEE DETAIL 16.7.42
TREE/WETLAND PRESERVATION AREA PROGRAM SIGNAGE
HARDWOOD LOG - SEE NOTE 5
GENERAL NOTES:
1. SEED ALL DISTURBED AREAS, UNLESS NOTED OTHERWISE, WITH SEED MIX "A"
2. PLUGS TO BE INSTALLED IN ALL AREAS DESIGNATED AS SEED MIX "A". SEE PLUGGING SPECIFICATIONS FOR SPACING AND PLACEMENT.
3. PLANT TREES OUTSIDE EXISTING TREE LINE. CONTRACTOR TO LOCATE EXISTING TREE LINE.
4. LIVE STAKES TO BE INSTALLED 2' O.C. FROM THE EDGE OF THE PROPOSED POOLS. SEE DETAIL 6/C7.02
5. LIVE STAKES SPECIES TO BE PLACED IN A RANDOM MIXTURE ALONG STREAM CORRIDOR. SEE L7.41 FOR LIVE STAKE SCHEDULE
6. SEE CIVIL LAYOUT SHEET FOR LOCATION OF PROPOSED HARDWOOD LOGS
7. CONTRACTOR TO STAKE ALL TREES IN FIELD AND RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO PLANTING
8. SEE SHEET L7.40-41 FOR PLANT, SEED, PLUG, AND LIVE STAKE NOTES, DETAILS AND SCHEDULES
9. STREAM CORRIDOR WILL NOT BE SEEDED
SCALE: 1 INCH = 50 FEET
BWSC
BARGE WAGGONER SUMNER & CANNON, INC.
PRELIMINARY NOT FOR CONSTRUCTION
SITE LANDSCAPE PLAN
REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)
enterprise south INDUSTRIAL PARK
CHATTANOOGA, TENNESSEE
L1.04
FILE NO. 31233-07




## LEGEND

- SHADE TREE
- ORNAMENTAL TREE
- TOOT SEED MIX
- STREAM CORRIDOR/POOLS
- LIVE STAKE PLANTING - (SEE NOTE 3)
- TREE/WETLAND PRESERVATION AREA
- TPF — TREE/WETLAND PRESERVATION FENCING
- TREE/WETLAND PRESERVATION AREA SIGN SEE DETAIL 1&7,4C
- TREE/WETLAND PRESERVATION AREA PROGRAM SIGNAGE
- HARDWOOD LOG - SEE NOTE 5

## GENERAL NOTES:

1. SEED ALL DISTURBED AREAS, UNLESS NOTED OTHERWISE WITH SEED MIX "A"
2. PLUGS TO BE INSTALLED IN ALL AREAS DESIGNATED AS SEED MIX "A". SEE PLUGGING SPECIFICATIONS FOR SPACING AND PLACEMENT.
3. PLANT TREES OUTSIDE EXISTING TREE LINE. CONTRACTOR TO LOCATE EXISTING TREE LINE
4. LIVE STAKES TO BE INSTALLED 2' O.C. FROM THE EDGE OF THE PROPOSED POOLS. SEE DETAIL 4/C7.02
5. LIVE STAKES SPECIES TO BE PLACED IN A RANDOM MIXTURE ALONG STREAM CORRIDOR. SEE L7.41 FOR LIVE STAKE SCHEDULE
6. SEE CIVIL LAYOUT SHEET FOR LOCATION OF PROPOSED HARDWOOD LOGS
7. CONTRACTOR TO STAKE ALL TREES IN FIELD AND RECEIVE APPROVAL FROM LANDSCAPE ARCHITECT PRIOR TO PLANTING
8. SEE SHEET L7.40-41 FOR PLANT, SEED, PLUG, AND LIVE STAKE NOTES, DETAILS AND SCHEDULES
9. STREAM CORRIDOR WILL NOT BE SEEDED

N

SCALE: 1 INCH = 50 FEET

BARGE WAGGONER SUMNER & CANNON, INC.

BWSC

SITE LANDSCAPE PLAN

REGIONAL STORMWATER FACILITY (STORM WATER PHASE II)

enterprise south INDUSTRIAL PARK

CHATTANOOGA, TENNESSEE

| | | | |
|---|---|---|---|
| JS | DH | DATE | DESCRIPTION |
| AJB | JAA | 04/11/12 | ISSUED FOR AGENCY |

L1.05

FILE NO. 31233-07

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