



GENERAL DRAINAGE AND SITE NOTES:

- ALL STORMWATER ROOF RUNOFF SHALL BE DIVERTED TO THE PROPOSED STORMWATER FACILITY. SEE ARCHITECTURAL PLANS FOR DOWNSPOUT AND ROOF GUTTER LOCATIONS.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND REVIEWING OF ALL GEOTECHNICAL REPORTS PRODUCED FOR THE SITE PRIOR TO COMMENCEMENT OF CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN REPORT AND PLAN SET.
- PRIOR TO PLACING STRUCTURAL FILL SOILS, WHERE APPLICABLE, THE TOP OF THE GROUND SURFACE IN THE PAVEMENT AREA SHOULD BE COMPACTED TO MIN. SOIL DENSITY OF 95% MOD. PROCTOR. IF SUBGRADE YIELDING IS EXPERIENCED, MAGNUM ENGINEERING, INC. SHALL BE NOTIFIED SO THAT EVALUATION CAN BE MADE AND RECOMMENDATIONS RENDERED.
- STRUCTURAL FILL SOILS SHOULD BE PLACED IN LIFTS COMPACTED TO A MIN. SOIL DENSITY OF 95% MOD. PROCTOR. THE TOP 12 INCHES OF PAVEMENT SUBGRADE SHOULD BE COMPACTED TO A MIN. SOIL DENSITY OF 98% MOD. PROCTOR.
- THE SWF IS DESIGNED TO PERCOLATE AT A RATE OF 2.31 FT/DAY IN HORIZONTAL INFILTRATION. THE SWF IS DESIGNED TO BE COMPLETELY DRY WITHIN 72 HOURS OF THE END OF RAINFALL. PRIOR TO FINALIZING THE SWF, THE CONTRACTOR SHALL CONDUCT A TEST OF THE FACILITY TO ASCERTAIN COMPLIANCE WITH THE ABOVE PARAMETERS - TEST RESULTS TO BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL. THIS MAY BE DONE WITH THE USE OF POTABLE WATERS OR NORMAL RAINFALL. IF THE ABOVE PARAMETERS ARE NOT MET, THE CONTRACTOR SHALL TAKE WHATEVER CORRECTIVE ACTION IS NECESSARY FOR THE SYSTEM TO COMPLY. THIS INCLUDES BUT IS NOT LIMITED TO REMOVAL OF SEDIMENT, UNDERCUTTING OF BACKFILL, ETC.
- ALL DISTURBED AREAS ARE TO BE SODDER OR LANDSCAPED AS PER CONSTRUCTION PLANS AND/OR LANDSCAPE PLANS.
- PRIOR TO FINAL ACCEPTANCE OF THE WORK, ALL SILT & OTHER DEBRIS SHALL BE REMOVED FROM STORM WATER PIPES, STRUCTURES & SWM FACILITIES.
- CONTRACTOR SHALL PROVIDE TWO (2) SETS OF ALL SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES TO ENGINEER FOR REVIEW AND APPROVAL BEFORE CONSTRUCTION.

DRAINAGE SYSTEM STRUCTURES

| DS-01 | DS-02 | DS-03 |
|--|---|--|
| MITERED END SECTION FDOT INDEX No. 272 INV. = 29.25 | MITERED END SECTION FDOT INDEX No. 272 INV. = 28.50 | TYPE C-INLET FDOT INDEX No. 232 TOP = 33.00 INV. = 30.25 |
| DS-04 | DS-05 | DS-06 |
| TYPE C-INLET FDOT INDEX No. 232 TOP = 33.00 INV. = 29.65 (N) INV. = 29.65 (S) | TYPE C-INLET FDOT INDEX No. 232 TOP = 33.00 INV. = 29.25 (E) INV. = 29.25 (S) | MITERED END SECTION W/ 6x8' RIP-RAP FDOT INDEX No. 272 INV. = 28.90 |
| DS-07 | DS-08 | |
| OUTFALL STRUCTURE TYPE C-INLET (SEE DETAIL) FDOT INDEX No. 232 TOP = 32.50 6' TREATMENT WEIR INV. SW = 31.50 INV. NE = 27.00 (18" PIPE) INV. SW = 27.00 (8" PVC - BID ALTERNATE) | MITERED END SECTION W/ 6x8' RIP-RAP FDOT INDEX No. 272 INV. = 26.75 | |

JOB NO. 14-013
DRAWN BY BF
CHECKED BY BMH
DATE 3/XX/2015
REVISION SHEET 5

IF THIS LINE DOES NOT MEASURE THE LINE IN THIS DRAWING ARE NOT VALID FOR CONSTRUCTION UNLESS SPOED IN THIS BLOCK.

PROJECT:
TCA Professional Offices
Panama City, Florida

CLIENT:
TCA Investments, LLC
PO Box 1247
Valdosta, GA 31603
(850) 866-9861

Gortemoller Engineering, Inc.
5 Miracle Strip Loop, Suite 16
Panama City Beach, FL 32407
(850) 249-2425
CA-00009505

NOTICE: THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 60G523.004, F.A.C.