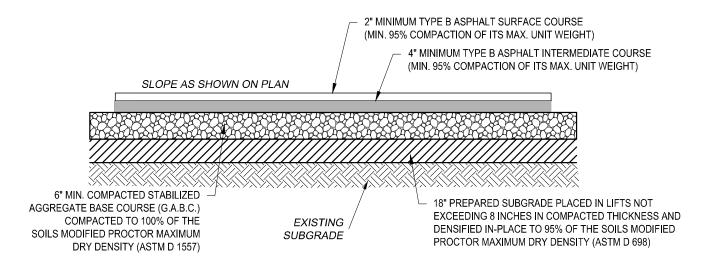


SCDOT STANDARD NOTES

- 1. THERE CAN BE NO WORK PERFORMED IN THE SCDOT R/W BEFORE AN ENCROACHMENT PERMIT HAS BEEN ISSUED AND A PRECONSTRUCTION MEETING HAS BEEN HELD. THE PROPERTY OWNER AND CONTRACTOR MUST SCHEDULE AND ATTEND THE PRECONSTRUCTION MEETING.
- 2. ANY WORK PERFORMED BEFORE THE PRECONSTRUCTION MEETING WILL HAVE TAKEN PLACE WITHOUT SCDOT KNOWLEDGE, OVERSIGHT, AND CONSENT AND SHALL BE SUBJECT TO REMOVAL BY THE APPLICANT AND/OR AT THE APPLICANT'S EXPENSE.
- 3. ANY REVISIONS TO THIS APPROVED PLAN SET MUST HAVE PRIOR, WRITTEN APPROVAL FROM SCDOT OR ARE SUBJECT TO REMOVAL AT THE APPLICANT'S EXPENSE.
- 4. THE CONSTRUCTION ENTRANCE MUST BE ESTABLISHED AT THE LOCATION DESIGNATED IN THIS PLAN SET AND ACCORDING TO SCDOT TYPICAL 815-505-00. NO ADDITIONAL ENTRANCES OR LOCATIONS OTHER THAN SHOWN IN THIS PLAN SET ARE ALLOWED WITHOUT WRITTEN NOTICE FROM SCDOT. APPROVED CONSTRUCTION ENTRANCE SHALL BE INSTALLED PROPERLY AND SHALL BE MAINTAINED AT ALL TIMES. KEEP ROADWAY PROTECTED AND SWEPT OFF AT ALL TIMES. ANY ADDITIONAL, EXISTING DRIVEWAYS OR CONSTRUCTION ENTRANCES, IF ANY, SHALL BE REMOVED FROM SCDOT RIGHT OF WAY AT NO EXPENSE TO SCDOT.
- 5. NO DEWATERING ACTIVITIES SHALL BE PERFORMED WITHIN SCDOT R/W OR BRING FORTH WATER TO THE SCDOT RIGHT OF WAY BY DIRECT OR INDIRECT METHODS.
- 6. POST DEVELOPMENT STORMWATER FLOWS TO THE SCDOT R/W CANNOT EXCEED PREDEVELOPMENT FLOW RATES AT ANY TIME FOR ANY REASON.
- 7. THE APPLICANT IS SOLELY RESPONSIBLE FOR REPAIRS OF ANY AND ALL DAMAGE TO THE TRAVEL WAY DUE TO ANY WORK ALONG THE FRONTAGE OF THIS SITE, AT NO EXPENSE TO SCDOT AND ALL REPAIRS MUST MEET CURRENT SCDOT STANDARDS.
- 8. ANY DAMAGE TO THE TRAVEL LANE WILL REQUIRE A FULL DEPTH ASPHALT PATCH AND TOTAL ROADWAY (ALL ADJACENT TRAVEL LANES) ASPHALT OVERLAY. PATCHES LARGER THAN A FEW SQUARE FEET OR EXTENDING PAST 1 FOOT INTO THE TRAVEL LANE SHALL REQUIRE AN OVERLAY OF THE ENTIRE WIDTH OF THE EXISTING TRAVEL WAY FOR 50 FEET BEYOND EACH SIDE OF THE FULL DEPTH PATCH. ALL OF THIS WORK WILL BE SOLELY AT THE EXPENSE OF THE APPLICANT AND MUST MEET CURRENT SCDOT STANDARDS.
- 9. BEFORE INSTALLATION OF ANY NEW DRIVEWAY, THE EXISTING TRAVEL EDGE MUST BE SAW CUT TO PROVIDE A STRAIGHT AND UNIFORM EDGE ALONG THE MOUTH OF THE PROPOSED DRIVEWAY. CARE MUST BE TAKEN TO NOT TO DAMAGE THE EDGE ONCE CUT. ANY DAMAGE TO THE TRAVEL LANE MUST BE REPAIRED AT THE APPLICANT'S EXPENSE.
- 10. PAVEMENT SECTION IN THE SCDOT R/W SHALL BE, AT A MINIMUM:
- a. 6 INCHES OF COMPACTED GABC
- b. 4 INCHES OF COMPACTED TYPE B BINDER COURSE HOT MIX ASPHALT
- c. 2 INCHES OF COMPACTED TYPE B SURFACE COURSE HOT MIX ASPHALT
- SEE SCDOT STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION FOR SURFACE COURSE HOT MIX ASPHALT INSTALLATION TIME AND TEMPERATURE RESTRICTIONS AND THERMO PLASTIC TIME AND TEMPERATURE RESTRICTIONS.
- NO REINFORCEMENT WIRE, REBAR, OR METAL OF ANY KIND IS PERMITTED
- 11. DRIVEWAY LANES SHALL BE A MINIMUM OF 12 FEET IN WIDTH MEASURED FROM EDGE TO EDGE OF ASPHALT.
- 12. DRIVEWAY RADII SHALL BE 30 FEET. (UNLESS NOTED OTHERWISE ON THE SCDOT APPROVED PLANS.)
- 13. PAVEMENT MARKINGS SHALL BE THERMOPLASTIC WITH REFLECTIVE BEADS PER SECTION 627 OF THE SCDOT STANDARD SPECIFICATIONS:
- a. ALL WHITE MARKINGS SHALL BE 125 MIL MINIMUM THICKNESS
- b. ALL YELLOW MARKINGS SHALL BE 90 MIL MINIMUM THICKNESS
- 14. ALL PERMANENT SIGNAGE SHALL BE INSTALLED ON BREAKAWAY POSTS PER SCDOT STANDARD DRAWING 651-110-00 AND SHALL HAVE A 7 VERTICAL FOOT CLEARANCE FROM THE GROUND TO THE BOTTOM OF THE SIGN.
- 15. DRIVEWAYS SHALL BE CONSTRUCTED TO HAVE A MINIMUM OF A 2 FOOT GRASSED SHOULDER ON EACH SIDE OF THE DRIVEWAY THROAT.
- 16. DITCH SLOPES SHALL BE NO STEEPER THAN 3H:1V.
- 17. ALL DRIVEWAY CULVERTS SHALL BE INSTALLED AND SEALED ACCORDING TO SCDOT TYPICAL 714-205-01 DETAIL 4 AND 5 WITH AN AASHTO M 315 RUBBER GASKET SEAL, ON PROPER GRADE TO ALLOW FOR POSITIVE STORM WATER FLOW WITHIN THE PIPE AND TO/FROM ADJACENT PIPES/CROSS LINES.
- 18. ALL CULVERTS INSIDE OF THE SCDOT R/W ARE TO BE INSTALLED WITH BEVELED ENDS PER SCDOT STANDARD DRAWING 719-610-00 AND SEALED PER SCDOT STANDARD DRAWING 714-205-01 AND CANNOT BE COVERED UNTIL AFTER AN INSPECTION BY THE SCDOT INSPECTOR ASSIGNED TO THE PROJECT AT THE REQUIRED SCDOT PRECONSTRUCTION MEETING.
- 19. LANE CLOSURES ARE REQUIRED FOR ALL WORK WITHIN ONE FOOT OF THE TRAVEL WAY. SEE SCDOT LOCAL MAINTENANCE WORK RESTRICTIONS FOR ADDITIONAL INFORMATION.
- 20. SHOULDER CLOSURES ARE REQUIRED FOR ALL WORK IN THE SCDOT R/W BEYOND ONE FOOT FROM THE TRAVEL WAY.
- 21. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SCHEDULE ALL REQUIRED INSPECTIONS IN ADVANCE. IF WORK REQUIRING INSPECTION IS PERFORMED WITHOUT PRIOR NOTICE BEING GIVEN TO SCDOT, THAT INSTALLATION SHALL BE SUBJECT TO REMOVAL AT THE APPLICANT'S EXPENSE. SEVERAL MEANS OF CONTACT WILL BE GIVEN AT THE PRECONSTRUCTION MEETING. FAILURE TO OBTAIN CONTACT IS NOT AN APPROVAL TO PROCEED WITH ANY WORK.
- 22. NO VEGETATION INSTALLED ON PRIVATE PROPERTY SHALL BLOCK THE SCDOT SIGHT TRIANGES OR SIGHT DISTANCES FOR MOTORISTS INGRESS OR EGRESSING FROM APPROVED DRIVEWAYS AND OR ROADWAY INTERSECTIONS. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR KEEPING OFFSITE LANDSCAPINGS PROPERLY MAINTAINTED TO IMPROVE ALL SIGHT DISTANCES. THE PROPERTY OWNER SHALL ALSO BE RESPONSIBLE FOR THE REPAIR OF ANY DAMAGES TO SIDEWALK, DRIVEWAY OR ROADWAY, UTILITY, DRAINAGE OR OTHER STRUCTURES DAMAGED DUE TO THE INSTALLATION OR EXISTENCE OF OFFSITE LANDSCAPING.
- 23. THE DEPARTMENT SHALL NOT BE RESPONSIBLE FOR DAMAGE TO ANY UTILITY STRUCTURES LOCATED WITHIN THE RIGHT-OF-WAY AS A RESULT OF ROUTINE HIGHWAY MAINTENANCE OPERATIONS. THESE STRUCTURES INCLUDE BUT ARE NOT LIMITED TO ARV, METERS, VALVES, MANHOLES, ALL TYPE OF PEDESTALS AND UTILITY LINES (OVERHEAD AND/OR UNDERGROUND). THE APPLICANT SHOULD USE MECHANICAL MOWERS TO CUT AROUND THESE TYPE STRUCTURES TO INCREASE VISIBILITY FOR HIGHWAY MAINTENANCE WORKERS.

- 24. APPLICANT IS RESPONSIBLE FOR THE INSTALLATION AND SECURING OF ANY VALVE OR MANHOLE RISERS AS NEEDED.
- 25. THE DEPARTMENT SHALL BE HELD HARMLESS FROM AND AGAINST ANY AND ALL CLAIMS, DAMAGES AND LOSSES ASSOCIATED WITH WORK AS APPROVED UNDER THIS PERMIT APPLICATION. ANY SUCH DAMAGE CLAIMS RECEIVED BY THE DEPARTMENT SHALL BE THE RESPONSIBILITY OF THE APPLICANT TO PROCESS ACCORDINGLY. THE HOLD HARMLESS AGREEMENT SHALL BE FOR THE LIFE OF THE FACILITY, STRUCTURE(S) OR ENCROACHMENT AS IT REMAINS WITHIN PUBLIC RIGHT-OF-WAY.
- 26. APPLICANT IS RESPONSIBLE FOR THE REPAIR OF ANY TRAFFIC SIGNAL LOOPS/WIRES/HEAD/CABINETS IF DAMAGED DUE TO THIS INSTALLATION. ALL WORK SHALL BE APPROVED UNDER THE DIRECTION OF THE SCDOT DISTRICT SIGNAL SHOP AND PERFORMED BY A SCDOT APPROVED SIGNAL CONTRACTOR, AT NO EXPENSE TO THE DEPARTMENT.
- 27. IF REQUIRED UNDER THE APPROVED SCDOT ENCROACHMENT PERMIT, A THIRD PARTY TESTER SHALL BE REQUIRED AT THE APPLICANT'S EXPENSE TO PERFORM COMPACTION ANALYSIS AND WITNESS A PASSING PROOF ROLL ON ALL SUB-GRADE, BASE, AND ASPHALT. ONE THIRD PARTY INSPECTOR SHALL TAKE DENSITY READINGS AT RANDOM STATION NUMBERS. A SECOND (2ND) THIRD PARTY INSPECTOR/TESTER SHALL BE AT THE ASPHALT PLANT TESTING THE ASPHALT AT THE TIME THAT SURFACE ASPHALT IS BEING PRODUCED AND PUT DOWN ON THE JOB. ONE CORE SAMPLE (LOCATIONS TO BE DETERMINED) SHALL BE TAKEN AND WEIGHED BY THE THIRD PARTY INSPECTOR. ALL RESULTS TO BE SUBMITTED IN WRITING TO SCDOT FOR REVIEW THE FOLLOWING DAY. WINTER WORK RESTRICTIONS AND HOLIDAY WORK RESTRICTIONS MUST BE ADHERED TO. SEE PERMIT FOR MORE DETAILS.
- 28. AN INSPECTION DATE SHALL BE SET UP IN ADVANCE FOR WHICH THE INSPECTOR WILL COME OUT AND INSPECT THE SIDEWALK FORMS BEFORE POURING CONCRETE. DO NOT LEAVE MORE THAN A 2" DROP OFF UNATTENDED. NO MORE THAN A 2" DROP OFF OR A 3:1 DITCH SLOPE IS PERMITTED ANYWHERE WITHIN THE RIGHT OF WAY DUE TO THE CONSTRUCTION ASSOCIATED WITH THIS SIDEWALK. THE INSTALLATION OF SIDEWALK SHALL BE FLUSH WITH SHOULDER OR HAVE A DRAINAGE INLET BUILT UNDERNEATH TO ALLOW FOR PROPER STORM WATER FLOW. NO WATER SHALL POND IN SHOULDER, ROADWAY, DRIVEWAYS, OR RIGHT OF WAY DUE TO THIS INSTALLATION.
- 29. ADA MATS (RAISED DETECTABLE WARNING PADS) SHALL BE INSTALLED AS WET INSETS AND AT ROADWAY INTERSECTIONS ONLY.
- 30. NO VALVES OR OTHER APPURTENANCES IN ROADWAY ASPHALT, WITHIN 5 FEET OF EDGE OF PAVEMENT, OR WITHIN DITCH LINE OR SWALE LINE. APPLICANT SHALL INSTALL 8-16 FEET OF NEW, UNDAMAGED RCP ON PROPER GRADE, FACING THE PROPER DIRECTION, MATCHING THE DIAMETER OF DRIVEWAY AND/OR CROSS LINE UPSTREAM, BUT NOT EXCEEDING THE PIPE DIAMETER DOWNSTREAM, IF THE ABOVE CANNOT BE AVOIDED. INSTALL RIP RAP AROUND ANY EXPOSED PIPES, COVER AND SOD TO MEET SCDOT MINIMUM STANDARDS. CALL SCDOT ENCROACHMENT OFFICE FOR INSPECTION OF PIPE BEFORE COVERING.
- 31. PROPOSED UTILITY INSTALLATION LOCATED IN SHOULDER AREA SHALL HAVE A MINIMUM COVER OF 42" ACCORDING TO FIGURE 6 OF APPENDIX B. ANY EXPOSED ROOTS TO BE REMOVED OR TRIMMED FLUSH WITH SHOULDER/DITCH.
- 32. ONLY NIGHT WORK IS ALLOWED FOR THIS PROJECT/PERMIT

NOTE:
CONTACT SURFACES OF CURBING, GUTTERS, EDGES OF
EXISTING PAVEMENT, MANHOLES, CATCH BASINS,
ETC., SHALL BE PAINTED WITH A THIN, UNIFORM
COATING OF ASPHALT MATERIAL JUST BEFORE THE
ASPHALT MIXTURE IS PLACED.



SCDOT FLEXIBLE PAVMENT WITHIN R/W

CALE: N.T.S.



ENGINEER

Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577 Phone: (843) 692-3200 Fax: (843) 692-3210



7	06/03/2024	06/03/2024 ADD'L GC COMMENTS AFTER BID SET BY COUNTY CAPITAL PROJECT DIV
9	05/30/2024	05/30/2024 ADD'L GC COMMENTS AFTER BID SET BY COUNTY CAPITAL PROJECT DIV
2	05/17/2024 BID SET	BID SET
2	3/11/2024	COUNTY COMMENT UPDATE
NO.	DATE	REVISION DESCRIPTION
	© NOTIFICATION I	© NOTIFICATION IS HEREBY GIVEN THAT THIS DOCUMENT IS THE PROPERTY OF DDC ENGINEERS, INC. AND ALL RIGHTS WITH REGARD TO COPYRIGHTS ARE RESERVED AS OF THE DATE OF THIS PROPERTY.

1C NTY, SOUTH CAROLINA

AS NOTED

A/20/20

SCALE: AS NOTED

DATE: 4/20/20

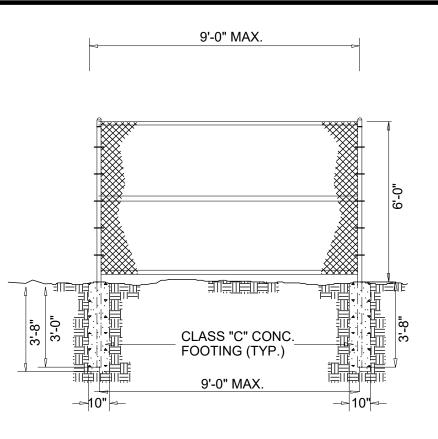
DESIGNED BY: SJC

DRAWN BY: BLS

APROV. BY: JMW

PROJECT NO.: 18101E

FILE NO.: 18101E - OVERALL



Chain Link Fence Information

- A. Fencing shall be chain link type, 6' high of number nine (9) zinc coated galvanized wire, two (2) inch mesh, twisted and barbed salvages and thoroughly galvanized after weaving, minimum coating 2 oz.
- B. Line posts shall be 2-½" O.D. galvanized standard pipe weighing 3.65 pounds per foot. No used, re-rolled, or open seam material will be permitted in any posts or rails. Posts shall not be spaced farther apart than 10-foot centers. Posts shall be of sufficient length to be set in thirty-six (36) inches of concrete.
- C. End, corner, gate and pull posts shall be hot dip galvanized 3" O.D. weighing 5.79 pounds per foot except double gate posts shall be 4" O.D. weighing 9.11 pounds per foot.
- D. Top rail shall be hot dip galvanized 1-5/8" O.D. pipe, weighing 2.27 pounds per foot and shall be provided with couplings every 20 feet. Couplings shall be outside sleeve type. Top rail shall pass through base of line post tops to form a continuous brace from end to end of each stretch of fence.
- E. Braces shall be hot dip galvanized of same material as top rail and spaced midway between top rail and ground and to extend from terminal post to first line post. Braces shall be trussed form line post to terminal post with 3/8" round rod.

6'-0" GALV. CHAIN LINK FENCE & GATE DETAIL

FOR 12"-24" I.D. PIPE USE 2'-0" x 3'-0" BOX. FOR PIPES

OVER 24" I.D. MAKE WIDTH OF CB= O.D. PIPE +6" EACH

6" PRECAST

6" MIN. 57 STONE BEDDING -

CONCRETE BOX

TOP OF BANK 3

BOTTOM POND -

ELEV

12" PREPARED SUBGRADE PLACED IN LIFTS NOT EXCEEDING 8 INCHES IN

PROCTOR MAXIMUM DRY DENSITY

(ASTM D 698)

RIM ELEVATION NOTED ON PLANS AND PROFILES FOR ALL CATCH

BASINS / JUNCTION BOXES.

U.S. FOUNDRY, USF - 4138 FRAME AND

JUNCTION BOX USF 668 RING AND KL

1. ALL WORK AND MATERIALS ARE TO MEET

MORTAR AS INDICATED IN S.C.D.O.T.

S.C.D.O.T. STANDARDS. USE TYPE "S" OR "M"

FOR BOXES WITH KNOCK OUT PANELS THE PANEL SHOULD BE ORIENTED SO THE PIPES

ENTER THROUGH THE KNOCK OUT PANELS AREA

INCHES OF WALL BETWEEN THE TOP OF THE PIP

ONLY. PIPE SHALL NOT ENTER THROUGH THE

CORNERS. CORNER PLACEMENT MUST USE

SOLID WALL BOXES WITH A MINIMUM OF 6"

ANY BOX OVER 8 FEET IN DEPTH MUST MEET

4. ALL DRAINAGE STRUCTURES OVER 54" DEEP

SCDOT REQUIREMENTS AND USE A SOLID WALL

AND THE TOP OF THE BOX.

SHALL HAVE STEPS.

6218 GRATE.

STANDARDS.

2'-0" (MIN.)

SECTION "A-A"

TYPICAL CATCH BASIN / JUNCTION BOX

COMPACTED THICKNESS AND DENSIFIED

IN-PLACE TO 98% OF THE SOILS STANDARD

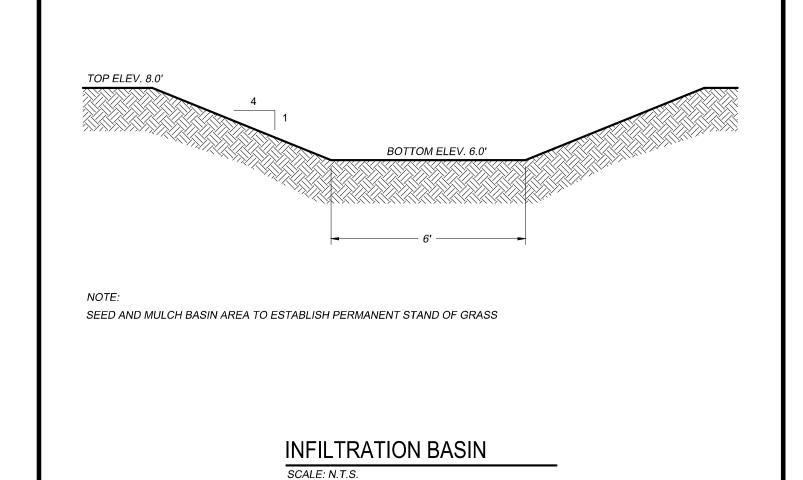
WEIR ELEV

WEIR ELEVATION

SECTION A-A

WEIR ELEVATION

SECTION B-B

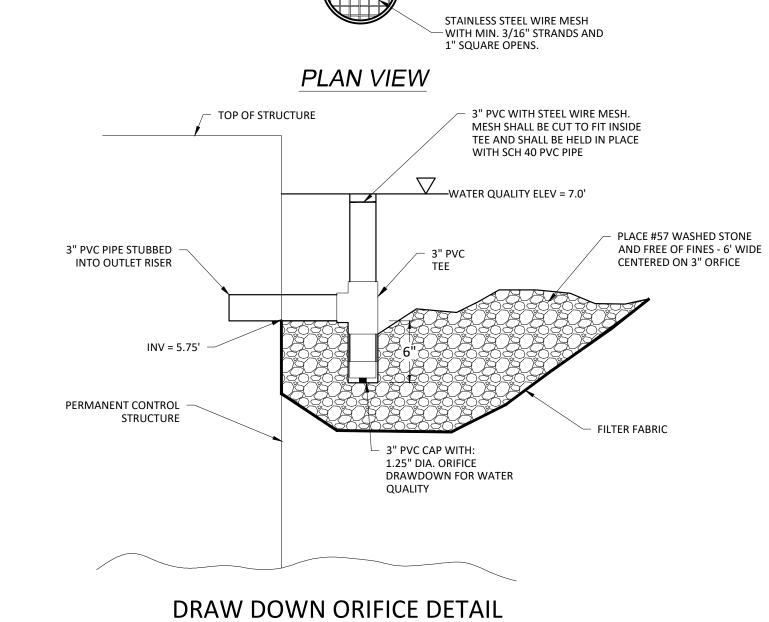


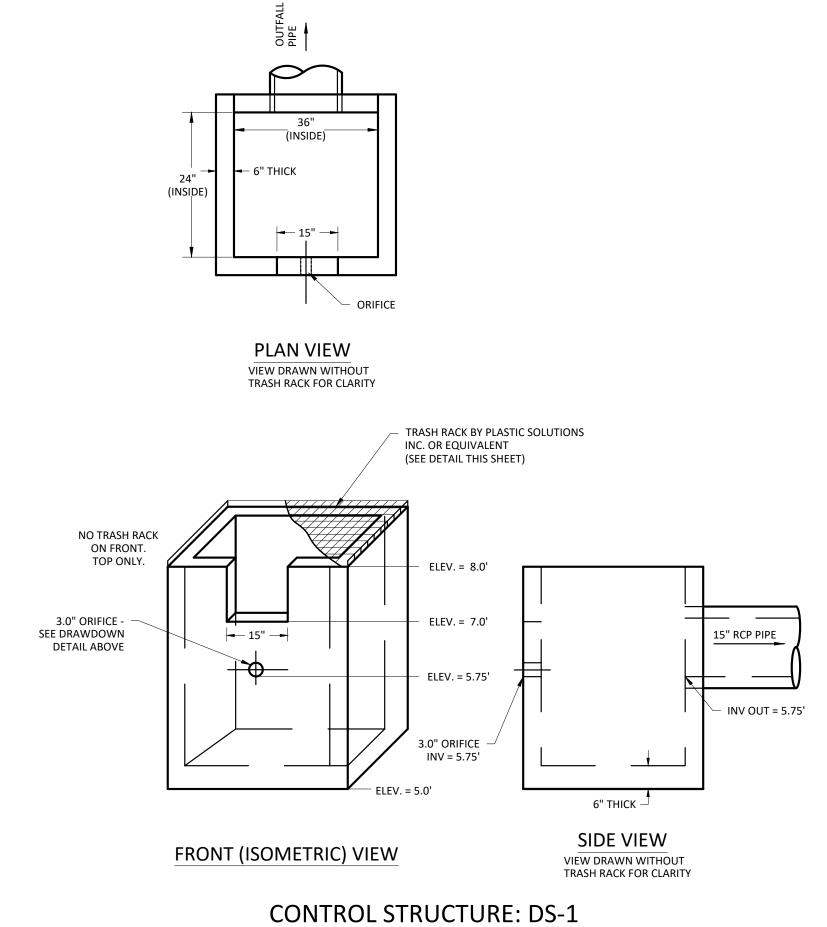
RIP RAP OUTLET PROTECTION, 18"

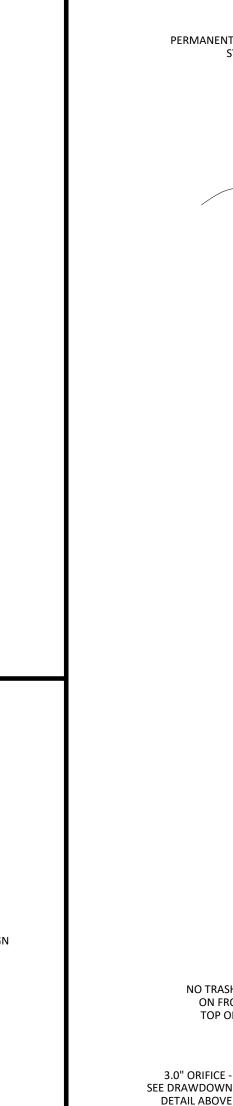
GEOTEXTILE FILTER FABRIC.

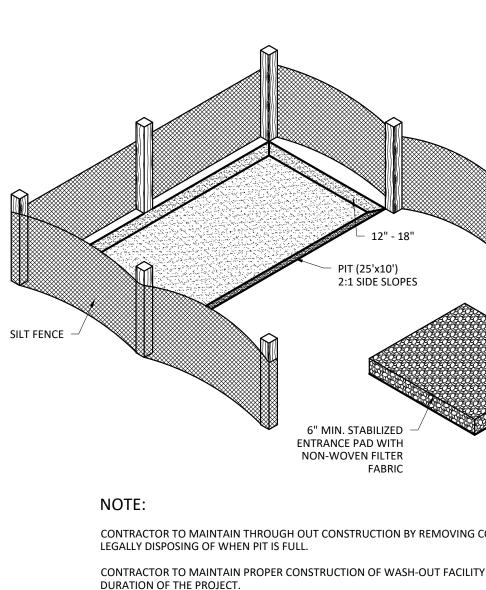
THICK, 6" MIN. TO 12" MAX. STONE, HAND PLACED W/ NON WOVEN

SEE GRADING SHEETS FOR LIMITS OF









PLAN VIEW

RIP RAP OUTLET PROTECTION, 18"

HAND PLACED W/ NON WOVEN

GEOTEXTILE FILTER FABRIC.

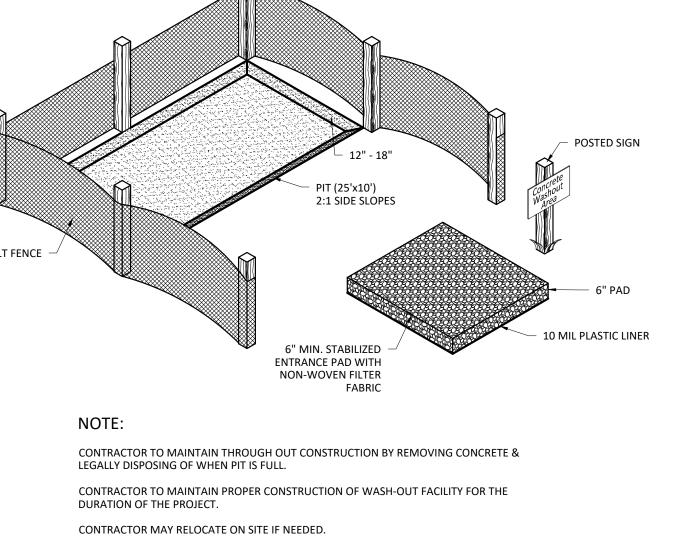
RIP RAP.

THICK, 6" MIN. TO 12" MAX. STONE,

SEE GRADING SHEETS FOR LIMITS OF

CONCRETE WASHOUT AREA

SCALE: N.T.S.



BOLTON & MENK SOUTHEAST, LLC. No. 6475 0 7 9 2 4 8 AS NOTED SCALE: DATE: 4/20/20 DESIGNED BY: SJC

DRAWN BY: BLS

APROV. BY: JMW

PROJECT NO.: 18101E

FILE NO.: 18101E - OVERALL

Consulting Engineers, Surveyors, Planners, Landscape Architects & Environmentalists 1298 Professional Dr., Myrtle Beach, SC 29577

Phone: (843) 692-3200 Fax: (843) 692-3210