

LOCATION OF PROJECT

# **PROJECT CONTACTS**

## OWNER

CHURCH OF GOD AT CALLAHAN 541798 U.S. HIGHWAY NO. 1 CALLAHAN FL. 32011

## ENGINEER

AVA ENGINEERS, INC. HENRY A. VORPE, P.E. 4201 BAYMEADOWS ROAD SUITE 3 JACKSONVILLE, FL 32217 (904) 730-3223

# **UTILITY CONTACTS**

## NASSAU COUNTY

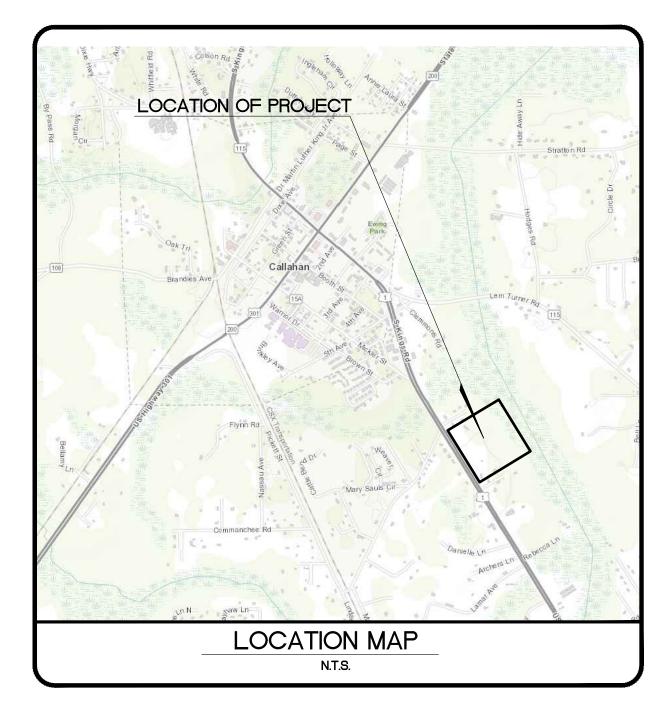
ENGINEERING & TRAFFIC 96161 NASSAU PL. YULEE, FL 32097 904-530-6225

ROAD DEPARTMENT 37356 PEA FARM ROAD HILLIARD, FL 32046 (904) 530-6175 GLASS LAND SURVEYING, LLC 23884 CRESCENT PARK COURT FERNANDINA BEACH, FLORIDA 32034 PHONE (904) 370-0318

SURVEYOR

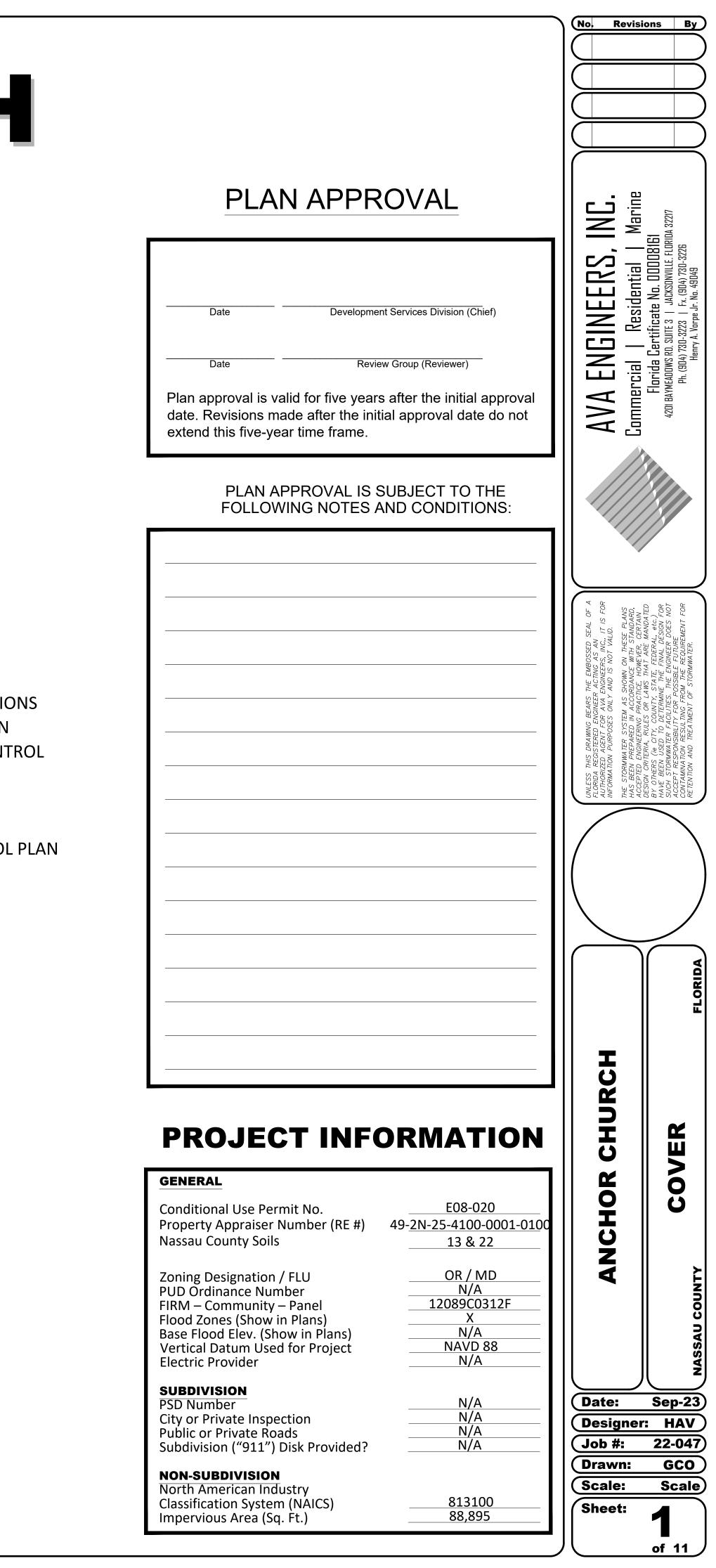
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY HENRY A. VORPE, JR., P.E. ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

# **ANCHOR CHURCH** 541798 U.S. HIGHWAY NO. 1 CALLAHAN FL, 32011



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GENERAL NOTES:

- TOPOGRAPHIC BOUNDARY SURVEY, INCLUDING PROPERTY LINES, LEGAL DESCRIPTION, EXISTING UTILITIES, SITE TOPOGRAPHY WITH SPOT ELEVATIONS, OUTSTANDING PHYSICAL FEATURES AND EXISTING STRUCTURE LOCATIONS WERE PROVIDED BY: GLASS LAND SURVEYING, LLC.
- AVA ENGINEERS AND ITS ASSOCIATES WILL NOT BE HELD RESPONSIBLE FOR THE ACCURACY OF SURVEY OR FOR DESIGN ERRORS OR OMISSIONS RESULTING 2. FROM SURVEY INACCURACIES. CONTRACTOR SHALL VERIFY EXISTING TOPOGRAPHY PRIOR TO CONSTRUCTION & NOTIFY ENGINEER OF ANY DISCREPANCIES.
- 3. ALL PHASES OF SITE WORK FOR THIS PROJECT SHALL MEET OR EXCEED THE NASSAU COUNTY SITE WORK SPECIFICATIONS.
- THE GENERAL CONTRACTOR WILL BE HELD SOLELY RESPONSIBLE FOR AND SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- WARRANTY / DISCLAIMER THE DESIGNS REPRESENTED IN THESE PLANS ARE IN ACCORDANCE WITH ESTABLISHED PRACTICES OF CIVIL ENGINEERING FOR THE DESIGN FUNCTIONS. NEITHER THE ENGINEER NOR ITS PERSONNEL CAN OR DO WARRANT THESE DESIGNS OR PLANS AS CONSTRUCTED EXCEPT IN THE SPECIFIC CASES WHERE THE ENGINEER INSPECTS AND CONTROLS THE PHYSICAL CONSTRUCTION ON A CONTEMPORARY BASIS AT THE SITE.
- 6. FOR BOUNDARY, ROADWAY AND BUILDING GEOMETRY INFORMATION SEE ENGINEERING SITE PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT THE BUILDING DIMENSIONS SHOWN ON THE ENGINEERING PLAN AGREES WITH THE DIMENSIONS SHOWN ON THE ARCHITECTURAL PLAN. IF ANY DIMENSIONS DO NOT AGREE, THE ARCHITECT, ENGINEER AND OWNER SHALL BE NOTIFIED AND THE DIMENSIONS ADJUSTED PRIOR TO COMMENCING WITH CONSTRUCTION.
- 7. ALL CONSTRUCTION WITHIN NASSAU COUNTY RIGHT-OF-WAY SHALL BE COORDINATED WITH NASSAU COUNTY THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO CONSTRUCTION FOR VERIFICATION AND LOCATION OF ALL UTILITIES.
- 8. CONTRACTOR SHALL FURNISH SHOP DRAWINGS TO ENGINEER INDICATING MATERIALS AND MANNER OF INSTALLATION FOR ALL COMPONENTS OF THE PROJECT PRIOR TO PURCHASE OF MATERIALS AND CONSTRUCTION.
- 9. THESE ENGINEERING DRAWINGS MAY NOT SHOW ALL OF THE NASSAU COUNTY STANDARD DETAILS REQUIRED TO COMPLETE CONSTRUCTION OF THIS PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY THAT THE CONSTRUCTION, OUTSIDE NASSAU COUNTY RIGHT OF WAY BE IN ACCORDANCE WITH ALL CURRENT NASSAU COUNTY STANDARD DETAILS AND SPECIFICATIONS.
- 10. ALL CONTRACTORS SHALL FURNISH CERTIFIED "AS-BUILT", SEE AS-BUILT REQUIREMENTS ON THIS SHEET.
- 11. CONTRACTOR SHALL VERIFY AND PROTECT ALL EXISTING TREES AND NATURAL VEGETATION THAT ARE TO REMAIN UNDISTURBED. THE AREAS INDICATED FOR CONSTRUCTION SHALL BE CLEARED AND GRUBBED TO REMOVE ALL ROOTS AND MISCELLANEOUS VEGETATION EXCEPT SPECIFIC TREES THAT SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION WITH THE USE OF TREE BARRIERS. TREES TO BE PRESERVED ARE FLAGGED, CONTRACTOR SHALL VERIFY BEFORE THE START OF CONSTRUCTION.
- 12. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF OSHA SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES, AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH OSHA REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTORS BID.
- 13. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE DEVELOPER FOR A PERIOD OF ONE YEAR FROM DATE OF ACCEPTANCE BY THE OWNER. IF THE WORK IS IN THE CITY RIGHT-OF-WAY OR EASEMENT, THE CONTRACTOR'S ONE YEAR WARRANTY SHALL EXTEND TO THE NASSAU COUNTY.
- 14. THE CONTRACTOR WILL CONTRACT WITH AN INDEPENDENT TESTING LABORATORY TO PERFORM MATERIAL TESTING AND SOIL TESTING IN ACCORDANCE WITH THE CITY REQUIREMENT AND THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT. THIS SHALL INCLUDE DENSITY TESTING IN ALL PAVEMENT AREAS AND BUILDING PADS AND IN THE UTILITY TRENCHES LOCATED IN PAVEMENT AREAS, CONCRETE TESTING AND ALL OTHER MATERIAL TESTING. PRIOR TO LIMEROCK PLACEMENT, THE PROJECT GEOTECHNICAL ENGINEER SHALL MAKE RECOMMENDATIONS FOR UNDERDRAIN PLACEMENT.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND INSURANCE REQUIRED FOR THE PROJECT, INCL. NASSAU COUNTY RIGHT-OF-WAY PERMITS FOR WORK IN THE CITY RIGHT-OF-WAY OR EASEMENT.
- 16. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN CITY RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION AND REPAIR.
- 17. THE CONTRACTOR SHALL PROVIDE NO LESS THAN A 6 INCH CLEARANCE BETWEEN ALL UTILITIES OTHER THAN WATER MAINS, WHICH SHALL BE TO COUNTY HEALTH DEPARTMENT PERMIT CONDITIONS.
- 18. THESE PLANS DO NOT STAND BY THEMSELVES. BID DOCUMENTS, NASSAU COUNTY STANDARD SPECIFICATIONS & DETAILS AND ANY OTHER STANDARDS, LISTED OR REFERENCES, ARE INCLUDED IN THE PROJECT DOCUMENTS.
- 19. THE CONTRACTOR SHALL NOTIFY NASSAU COUNTY @ 255-8310 A MINIMUM OF 24 HOURS PRIOR TO STARTING CONSTRUCTION.
- 20. REFER TO ARCHITECTURAL PLANS FOR EXACT BUILDING DIMENSION, DOOR LOCATIONS, & WATER & SEWER CONNECTION POINTS. LOCATIONS SHOWN FOR REFERENCE ONLY.

#### NASSAU COUNTY DEVELOPMENT REVIEW GENERAL NOTES: ENGINEERING PLANS APPROVAL DOES NOT CONSTITUTE PERMISSION TO VIOLATE ANY ADOPTED FEDERAL, STATE, OR LOCAL LAW, 1.

- CODE, OR ORDINANCE. ALL WORK WITHIN THE PUBLIC STREETS AND RIGHT-OF-WAYS SHALL CONFORM TO NASSAU COUNTY LAND DEVELOPMENT CODES (LDC) FOOT STANDARD INDICES FLORIDA GREENBOOK NASSALL COUNTY ROADWAY AND DRAINAGE STANDARDS AND NASSALL COUNTY
- STANDARD DETAILS AS NECESSARY. FOR ANY DISCREPANCY BETWEEN STANDARDS, THE MOST STRINGENT SHALL PREVAIL.
- 3. PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 6.2.4, SITE SHALL BE CONSTRUCTED PER CONSTRUCTION DRAWINGS. ANY SUBSTANTIAL DEVIATION SHALL BE CONCURRENTLY REVIEWED BY ENGINEER OF APPROVED RECORD AND NASSAU COUNTY DEVELOPMENT REVIEW COMMITTEE PRIOR TO FIELD CHANGES.
- 4. A PRE-CONSTRUCTION MEETING WITH NASSAU COUNTY ENGINEERING SERVICES CONSTRUCTION INSPECTOR IS REQUIRED. ATTENDEES SHALL BE NASSAU COUNTY, ENGINEER OF RECORD, CONTRACTOR, TESTING FIRM, PAVING FIRM, AND UTILITY COMPANIES PER NASSAU COUNTY ORDINANCE 99-17 SECTION 7.2.3. NASSAU COUNTY MAY CANCEL PRE-CONSTRUCTION MEETING IF ATTENDEE LIST IS INADEQUATE. NASSAU COUNTY ENGINEERING SERVICES CAN BE REACHED AT 904-530-6225.
- 5. THE CONTRACTOR SHALL SCHEDULE AND COORDINATE ALL WORK WITH THE APPROPRIATE NASSAU COUNTY CONSTRUCTION INSPECTOR ASSIGNED TO THE PROJECT PER NASSAU COUNTY ORDINANCE 99-17 SECTION 7.2.
- 6. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF O.S.H.A. SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES TO HIS EMPLOYEES AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT.
- 7. PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99–17 SECTION 11.8.1, ANY DISTURBED AREAS WITHIN NASSAU COUNTY RIGHT-OF-WAY SHALL BE SODDED.
- 8. PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 7.4.1, AT THE TIME OF FINAL INSPECTION, GRASSING SHALL BE A MINIMUM OF SEVENTY PERCENT COVERAGE AND FULLY ESTABLISHED AND/OR SODDING TO BE ONE HUNDRED PERCENT COVERAGE AND STABILIZED.
- 9. ENGINEER OF RECORD APPROVED SHOP DRAWINGS SHALL BE PROVIDED TO NASSAU COUNTY CONSTRUCTION INSPECTOR A MINIMUM OF ONE WEEK BEFORE BEGINNING STRUCTURE INSTALLATION.
- 10. PARKING AT MAIL KIOSKS IS REQUIRED PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99–17 SECTION 8.4. MAIL KIOSK LOCATIONS ARE SUBJECT TO USPS POSTMASTER APPROVAL.
- 11. THE DEVELOPER'S CONTRACTOR IS THE SINGLE RESPONSIBLE PARTY FOR THE PROPER IMPLEMENTATION OF AN EROSION PROTECTION SEDIMENT CONTROL (EPSC) WITHIN EACH LOT OR CONSTRUCTION SITE. THIS INCLUDES THE RESPONSIBILITY FOR THE ACTIONS/INACTIONS OF EMPLOYEES, SUBCONTRACTORS, AND/OR SUPPLIERS.
- 12. SIDEWALKS TO BE PROVIDED AND BUILT IN ACCORDANCE FLORIDA BUILDING CODE. ALL PROPOSED SIDEWALKS SHALL MEET ADA REQUIREMENTS.
- 13. THE CONTRACTOR SHALL COMPLY WITH CURRENT FLORIDA ACCESSIBILITY STANDARDS FOR ALL WORK ON THIS PROJECT.
- 14. PER ORDINANCE 99-17 SECTION 8.5.1, MINIMUM COVER FOR WATER LINES AND FORCE MAINS UNDER PAVEMENT SHALL 42" AND 36" IN GREEN AREAS.
- 15. ALL WATER, SEWER, AND STORM WATER CONSTRUCTION WITHIN NASSAU COUNTY ROW SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 409 OF THE FLORIDA STATUTES.
- 16. NO WORK SHALL BE PERMITTED BETWEEN THE HOURS OF 7:00 PM 7:00AM WITHOUT PRIOR APPROVAL FROM NASSAU COUNTY ENGINEERING SERVICES.
- 17. ALL TREES REQUIRED TO BE PROTECTED SHALL BE FLAGGED FOR PROTECTION PRIOR TO CLEARING.
- 18. ALL GRADING AND PLACEMENT OF COMPACTED FILL SHALL BE IN ACCORDANCE WITH THE LATEST NASSAU COUNTY SPECIFICATIONS.
- 19. ANY DAMAGES (SIDEWALK, CURB, ASPHALT, DITCH GRADING, ET CETERA) WITHIN PUBLIC RIGHT-OF-WAY SHALL BE REPAIRED OR REPLACED IN ACCORDANCE WITH NASSAU COUNTY SPECIFICATIONS. PROPOSED REPAIR METHOD SHALL BE APPROVED BY NASSAU COUNTY ENGINEERING SERVICES.
- 20. ANY ASPHALT MILLINGS FROM NASSAU COUNTY ROW SHALL BE DELIVERED TO THE ROAD DEPARTMENT LAYDOWN YARD LOCATED ON GENE LASSERRE BOULEVARD OR PEA FARM ROAD. PLEASE CONTACT THE ROAD DEPARTMENT AT (904) 530-6175.
- 21. PER NASSAU COUNTY ORDINANCE 99-17 SECTION 7.4.2 AND 7.4.4, AS-BUILT DRAWINGS SHALL BE SUBMITTED TO NASSAU COUNTY BEFORE A FINAL INSPECTION CAN BE SCHEDULED. AS-BUILTS SUBMITTALS WILL BE IN ACCORDANCE WITH NASSAU COUNTY AS-BUILT REQUIREMENT CHECKLIST. AS-BUILT DRAWINGS SHALL BE CERTIFIED BY REQUIRED LICENSED SURVEYOR AND APPROVED BY ENGINEER OF RECORD.

<u>GRAE</u>	DING AND DRAINAGE NOTES:
1.	ALL STORMWATER DRAINAGE FACILITIES WITHIN PUBLIC RIGHT-OF-WAY AND PAVED AREAS, INCLUDING NASSAU COUNTY RIGHT-OF-WAY, TURN LANES, RESIDENTIAL ROADWAYS, DRIVE AISLES FOR MULTI-FAMILY DEVELOPMENTS, AND MAJOR DRIVE AISLES FOR COMMERCIAL DEVELOPMENTS SHALL BE LASER PROFILED PER FDOT SECTION 430.
2.	A BUILDER CANNOT MODIFY THE COUNTY'S STORM WATER MANAGEMENT SYSTEM INCLUDING THE PIPES, INLETS, AREA DRAINS, DITCHES AND RELATED ELEMENTS TYPICALLY WITHIN THE STREET OR WITHIN A DRAINAGE EASEMENT WITHOUT THE PRIOR WRITTEN APPROVAL OF THE COUNTY ENGINEER OR DESIGNEE.
3.	DRAINAGE EASEMENTS AND DITCHES SHOULD REMAIN FREE OF STOCKPILED SOIL, SEDIMENT, MUD, CONSTRUCTION MATERIALS/WASTE, ET CETERA AT ALL TIMES. POSITIVE STORMWATER FLOW MUST BE MAINTAINED THROUGHOUT CONSTRUCTION.
4.	THE CONTRACTOR SHALL TEMPORARILY OR PERMANENTLY STABILIZE BARE SOIL AREAS AND SOIL STOCKPILES WHEN THE AREA IS INACTIVE FOR FOURTEEN DAYS OR MORE OR HAS REACHED FINISHED GRADE.
5.	PER ORDINANCE 99–17 SECTION 11.11.5.4, ALL GRAVITY FLOW PIPE INSTALLATIONS SHALL HAVE A SOIL TIGHT JOINT PERFORMANCE UNLESS, SPECIFIC SITE FACTORS WARRANT WATERTIGHT JOINT PERFORMANCE.
6.	PER ORDINANCE 99-17 SECTION 10.6.5.1, IMMEDIATELY INSTALL ADDITIONAL EROSION PROTECTION SEDIMENT CONTROL MEASURES IF SEDIMENT IS LEAVING YOUR SITE. FAILURE TO CONTAIN SEDIMENT TO YOUR SITE MAY RESULT IN DELAYED INSPECTIONS, NOTICES OF VIOLATION, CITATIONS, FINES, PENALTIES, AND/OR STOP WORK ORDERS.
7.	PER 99–17 SECTION 10.1.2.A–E, STORMWATER MANAGEMENT FOR A PROJECT SHALL NOT HAVE ADVERSE AFFECTS ON ADJACENT PROPERTIES, DOWNSTREAM STRUCTURES, OR RIGHTS OF OTHER LANDOWNERS.
PAVI	NG NOTES:
1.	PER NASSAU COUNTY ROADWAY AND DRAINAGE STANDARDS, ORDINANCE 99-17 SECTION 12.2 AND 12.4, A CONSTRUCTION BOND AND 26-MONTH MAINTENANCE BOND WILL BE REQUIRED FOR ALL WORK WITHIN NASSAU COUNTY RIGHT-OF-WAY.
2.	A PRE-PAVE MEETING IS REQUIRED PRIOR TO ANY PAVING OPERATIONS WITHIN NASSAU COUNTY ROW, RESIDENTIAL SUBDIVISIONS, OR MULTI-FAMILY DEVELOPMENTS.
3.	APPROVED MIX DESIGNS SHALL BE PROVIDED TO NASSAU COUNTY CONSTRUCTION INSPECTOR 48 HOURS PRIOR TO PRE-PAVE MEETING OR PLACEMENT OF CONCRETE.
4.	CONTRACTOR IS REQUIRED TO HAVE A CERTIFIED QC ASPHALT LEVEL II TECHNICIAN DURING ANY ASPHALT OPERATIONS WITHIN NASSAU COUNTY ROW, RESIDENTIAL SUBDIVISION, OR MULTI-FAMILY DEVELOPMENTS.
5.	ALL BASES SHALL BE PRIMED IN ACCORDANCE WITH ORDINANCE 99-17 SECTION 11.5.2.3, NASSAU COUNTY STANDARD DETAILS, AND FDOT STANDARD SPECIFICATIONS.
6.	SIGNAGE AND PAVEMENT MARKINGS SHALL BE IN COMPLIANCE WITH NASSAU COUNTY STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND FDOT STANDARD PLANS.
7.	MAINTENANCE OF TRAFFIC (MOT) SHALL BE IN COMPLIANCE WITH FDOT STANDARD INDEX 600 SERIES
8.	ALL WORK, MATERIALS, AND TESTING PERFORMED WITHIN NASSAU COUNTY RIGHT-OF-WAY AND SINGLE-FAMILY/MULTI-FAMILY DEVELOPMENTS SHALL BE IN ACCORDANCE WITH THE CURRENT REVISION OF NASSAU COUNTY'S ORDINANCE 99–17 AND ALL CURRENT NASSAU COUNTY STANDARD DETAILS.
9.	PER ORDINANCE 99–17 SECTION 11.9.2, ALL PAVEMENT MARKINGS WITHIN NASSAU COUNTY ROW SHALL BE LEAD FREE THERMOPLASTIC MEETING NASSAU COUNTY AND FDOT STANDARD SPECIFICATION LATEST EDITION.
10. 10.1 10.2 10.3	. HYDRO-BLASTING ONLY ON NEW ASPHALT SURFACES.
11.	PER ORDINANCE 99–17 SECTION 8.5.5, ANY DAMAGE TO PAVEMENT RESULTING FROM CONSTRUCTION OR PAVEMENT MARKING REMOVAL WITHIN PUBLIC ROW NOT PLANNED AS PART OF THE PROJECT SHALL BE MILLED AND OVERLAID FOR ENTIRE WIDTH OF ROADWAY AND LENGTH OF DAMAGE PLUS 50' IN EACH DIRECTION.

12. ALL UNDERGROUND UTILITIES, OR APPROPRIATE CONDUIT SLEEVES, THAT ARE TO BE INSTALLED UNDER PAVEMENT MUST BE INSTALLED PRIOR TO PREPARATION OF THE SUBGRADE FOR PAVEMENT.

13. SINGLE VERTICAL JOINTS IN ROADWAY CONSTRUCTION SHALL BE AVOIDED IN NASSAU COUNTY RIGHT-OF-WAY USING NASSAU COUNTY STANDARD DETAIL #26.

14. ALL DRAINAGE STRUCTURES SHALL HAVE TRAFFIC BEARING GRATES THAT MEET OR EXCEED THE RATING FOR THE FACILITIES EXPECTED TRAFFIC.

15. ALL CONCRETE SHALL BE A MINIMUM OF 3000 PSI WITHIN PUBLIC RIGHT-OF-WAY.

AS-I	BUILT REQUIREMENTS:
1.	AS-BULLTS SHOULD BE BASED ON THE DESIGN PLANS AS APPROVED THROUGH THE DRC PROCESS. THE SUBMITTED AS-BUILTS SHOULD BE AT THE SAME SCALE AND HAVE THE SAME ORIENTATION AS THE DESIGN FILES.
2.	AS-BULLTS SHOULD HAVE THE SAME PAGE NUMBERING AS THE DESIGN PLANS, AND THE COVER OF THE AS-BUILT PLANS SHOW HAVE ALL SHEETS FROM THE DESIGN PLANS LISTED WITH SHEETS NOT "AS-BULLTED" STRICKEN THROUGH.
3.	AS-BULLTS SHOULD DISPLAY THE ORIGINAL DESIGN INFORMATION AS DISPLAYED ON THE PLAN SHEETS WITH THE DESIGN INFORMATION DISPLAYED IN BOLD ADJACENT TO THE DESIGN INFORMATION.
4.	AS-BULLTS SHALL BE ACCOMPANIED BY AN "ENGINEER'S CERTIFICATION" FORM FROM THE ENGINEER OF RECORD. (EXHIBITS 3 8
5.	THREE 3) SETS OF FULLY SIGNED AND SEALED AS-BULLTS SHOULD BE SUBMITTED ALONG WITH CD CONTAINING THE PDF FILE( AND CADD FILE(S) OF THE AS-BULLT INFORMATION. CADD FILES SHOULD BE IN STATE PLANE COORDINATES (NAD 83) WITH A VERTICAL DATUM OF NAVD88 OR NGVD 1929 (WITH THE DATUM SHIFT NOTED). FURTHERMORE, CADD FILES SHOULD ONLY BE SUBMITTED IN ACAD VERSION 2013 OR LATER.
6.	NORTHING AND EASTING OF ALL DRAINAGE STRUCTURES SHOULD BE INCLUDED.
7.	THE PLANS SHOULD BE CLEARLY LEGIBLE, AND ALL STRUCTURE NOTES, DISTANCES, ANGLES AND ELEVATIONS SHOULD BE CLEAP READABLE.
8.	IF THE PLAN REPRESENTS A PHASE OF A DEVELOPMENT, THEN THAT PHASE SHOULD BE CLEARLY IDENTIFIED FOR CLARITY AND AVOID CONFUSION WITH FUTURE PHASES.
9.	THERE SHOULD BE A NORTH ARROW AND SCALE ON EACH SHEET.
10.	A LEGEND SHOULD BE INCLUDED EXPLAINING THE SYMBOLS USED IN THE PLANS.
11.	ALL SHEETS MUST BE SIGNED AND SEALED BY A SURVEYOR LICENSED IN THE STATE OF FLORIDA.
12.	THERE SHOULD BE SUFFICIENT "PLAN" AND "AS-BUILT" ELEVATIONS SHOWN TO VERIFY THAT THE STREETS WERE CONSTRUCTED SUBSTANTIALLY IN ACCORDANCE WITH THE APPROVED CONSTRUCTION PLANS. GENERALLY, THE COUNTY WILL REVIEW ALL LOW POINTS AND HIGH POINTS IN THE STREET AND VERIFY THAT THE MINIMUM GRADE EXISTS FOR EACH STREET. ON STRAIGHT SECTIONS BETWEEN HIGH AND LOW POINTS ELEVATIONS SHOULD BE TAKEN EVERY 200 FEET.
13.	ALL STREET CURVE RADII SHOULD BE SHOWN ON THE PLANS OR IN A TABLE.
14.	STREET WIDTHS AND CURB TYPE SHOULD BE IDENTIFIED FOR EACH STREET ON EACH SHEET.
15.	WHENEVER THERE ARE ISLANDS WITHIN THE STREETS THE AS-BUILTS SHOULD INCLUDE DIMENSIONS FOR THESE ISLANDS.
16.	THE PAVED RADII OF ALL CUI-DE-SACS SHOULD BE LISTED AND CUL-DE-SAC CENTER AND EDGE OF PAVEMENT OR GUTTER ELEVATIONS AT QUARTER POINTS SHALL BE SHOWN.
17.	ALL UNDERDRAINS SHOULD BE SHOWN WITH SIZE, LENGTHS, INVERTS AND CLEANOUTS ALL SHOWN.
18.	WHERE SWALES ARE UTILIZED THERE SHOULD BE SUFFICIENT FLOW LINE ELEVATIONS AND DITCH CROSS SECTIONS TO VERIFY CAPACITY OF THE CHANNEL.

20. THE AS-BUILT SURFACE AREA OF THE POND(S) AT NORMAL WATER LEVEL (DESIGN) AND TOP OF BANK (AS-BUILT) SHOULD BE INCLUDED.

21. THE BOTTOM ELEVATION AND AREA SHOULD BE SHOWN (2 LOCATIONS MIN. PER POND). 22. THE SURVEYOR SHALL CERTIFY BY NOTE (FOR EACH POND) THAT NO SLOPE IS GREATER THAN 1:4 ABOVE THE DESIGN NWL,

UNLESS THE POND IS FENCED.

24. ALL WATER MAIN AND SEWER MAIN LOCATIONS, SIZE, LENGTHS, INVERTS, ETC.

25. ALL EASEMENTS REQUIRED (OR ON A PLAT) SHOULD BE SHOWN ON THE "AS- BUILTS" AND IMPROVEMENT LOCATED SO AS TO VERIFY IMPROVEMENTS ARE WITHIN THE EASEMENT. EASEMENT NOT RECORDED AS PART OF THE RECORDED PLAT INCLUDING DRAINAGE AND RIGHT-OF-WAY EASEMENTS SHALL ALSO BE IDENTIFIED AS "AS-BUILT". FOR THESE EASEMENTS THE BOOK AND PAGE OF THEIR RECORD, PROPERTY TO WHOM EASEMENT IS DEDICATED AND DATE OF FILING SHOULD BE SHOWN ON AS THE "AS-BUILT". ALL IMPROVEMENTS INTENDED TO BE WITHIN THESE EASEMENTS SHALL BE SHOWN AS THE "AS-BUILTS" TO VERIFY THE IMPROVEMENTS ARE WITHIN THE EASEMENT. WETLANDS ARE NOT REVIEWED BY NASSAU COUNTY AND NEED NOT BE SHOWN.

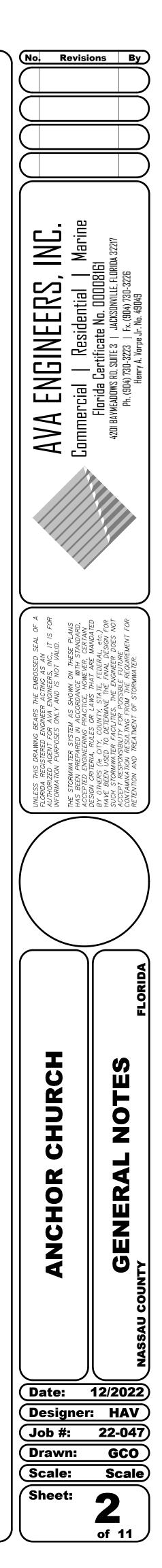
26. DEPICT ALL STORM DRAIN AND UTILITY REPAIR LOCATIONS AND METHODS.

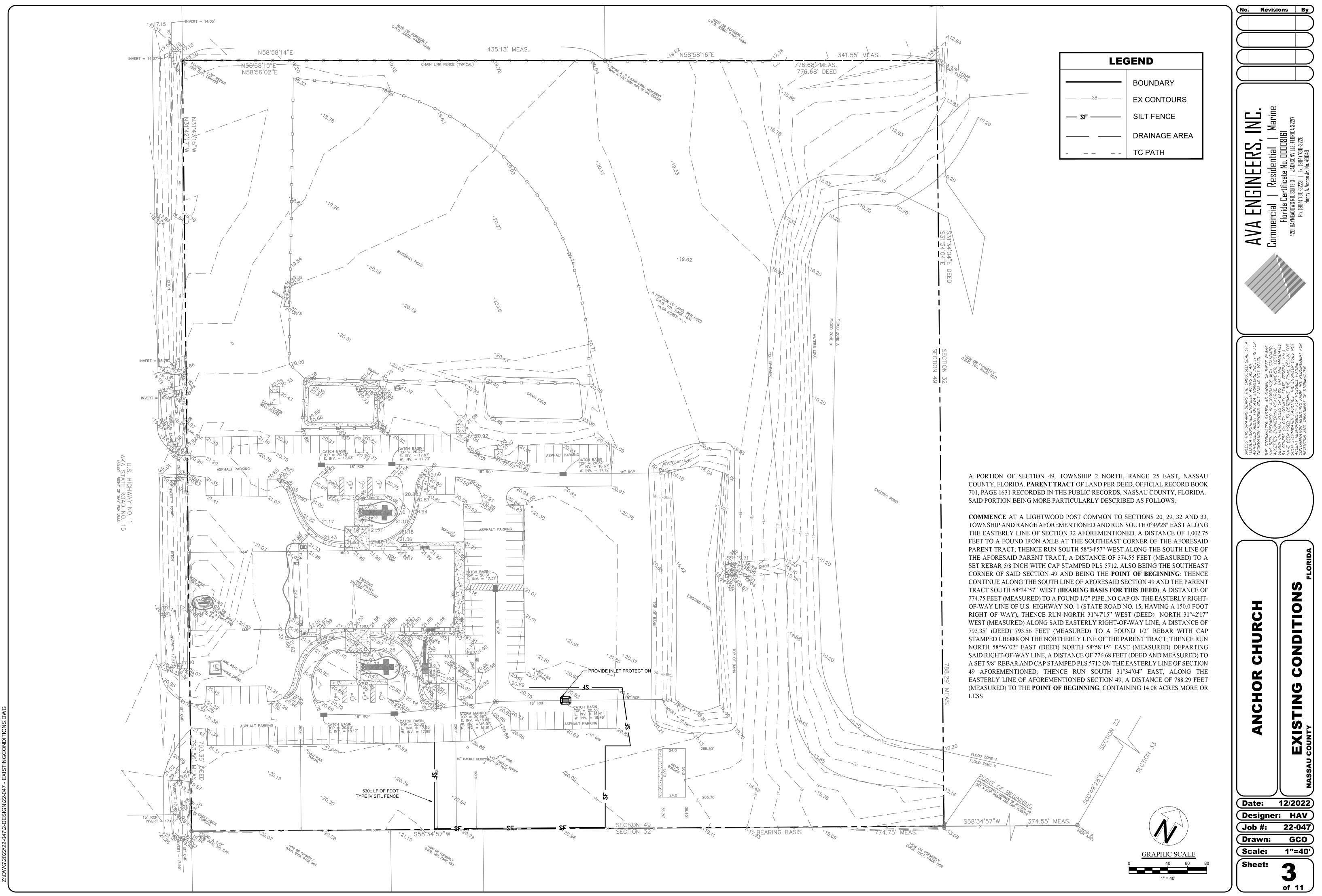
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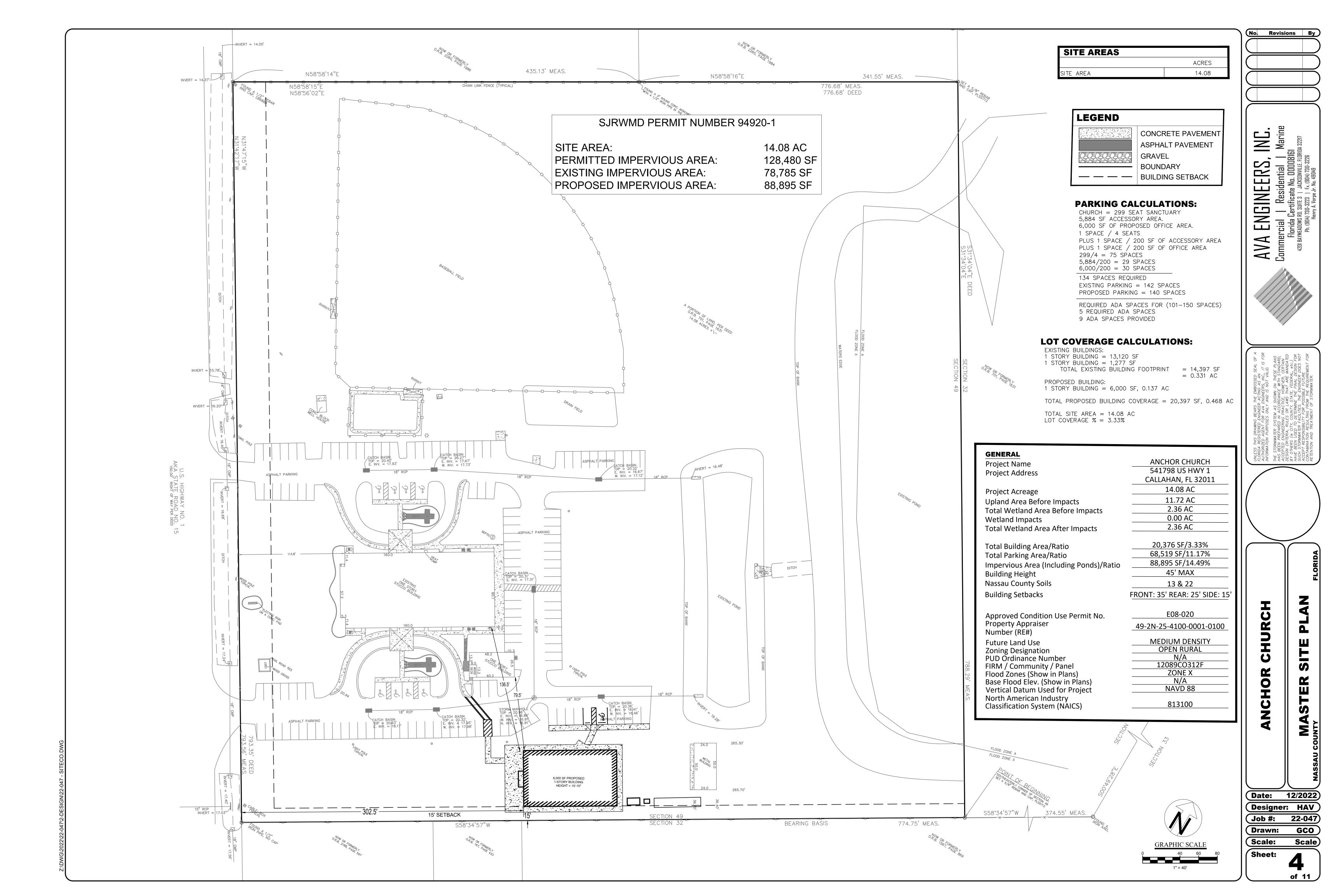
AN "ENGINEER'S CERTIFICATION" FORM FROM THE ENGINEER OF RECORD. (EXHIBITS 3 & 4) EALED AS-BULLTS SHOULD BE SUBMITTED ALONG WITH CD CONTAINING THE PDF FILE(S) ORMATION. CADD FILES SHOULD BE IN STATE PLANE COORDINATES (NAD 83) WITH A

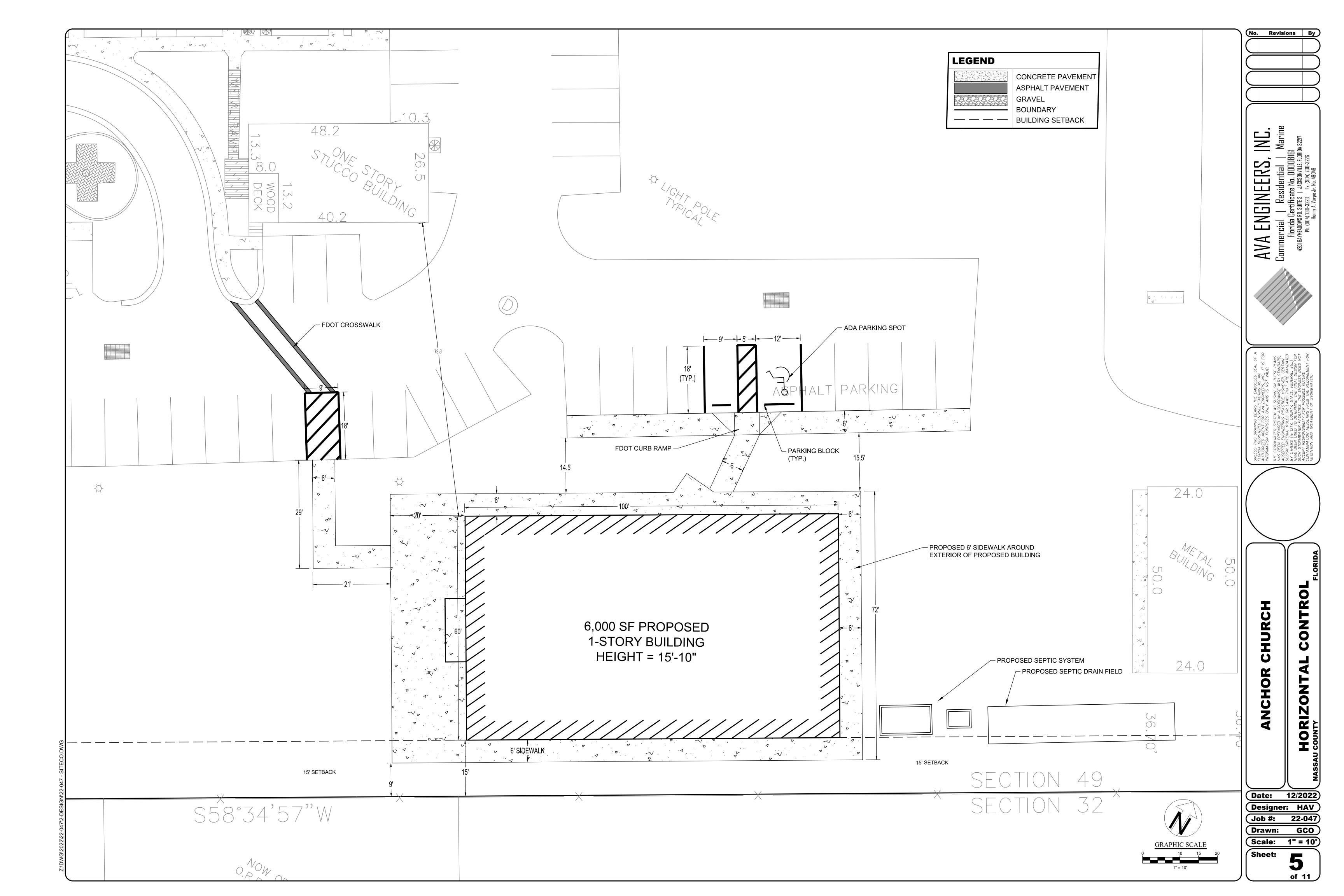
19. THERE SHOULD BE A COMPARISON TABLE OF DESIGN AND AS-BUILT PIPE SIZES, LENGTHS, INVERT ELEVATIONS, AND PIPE SLOPES.

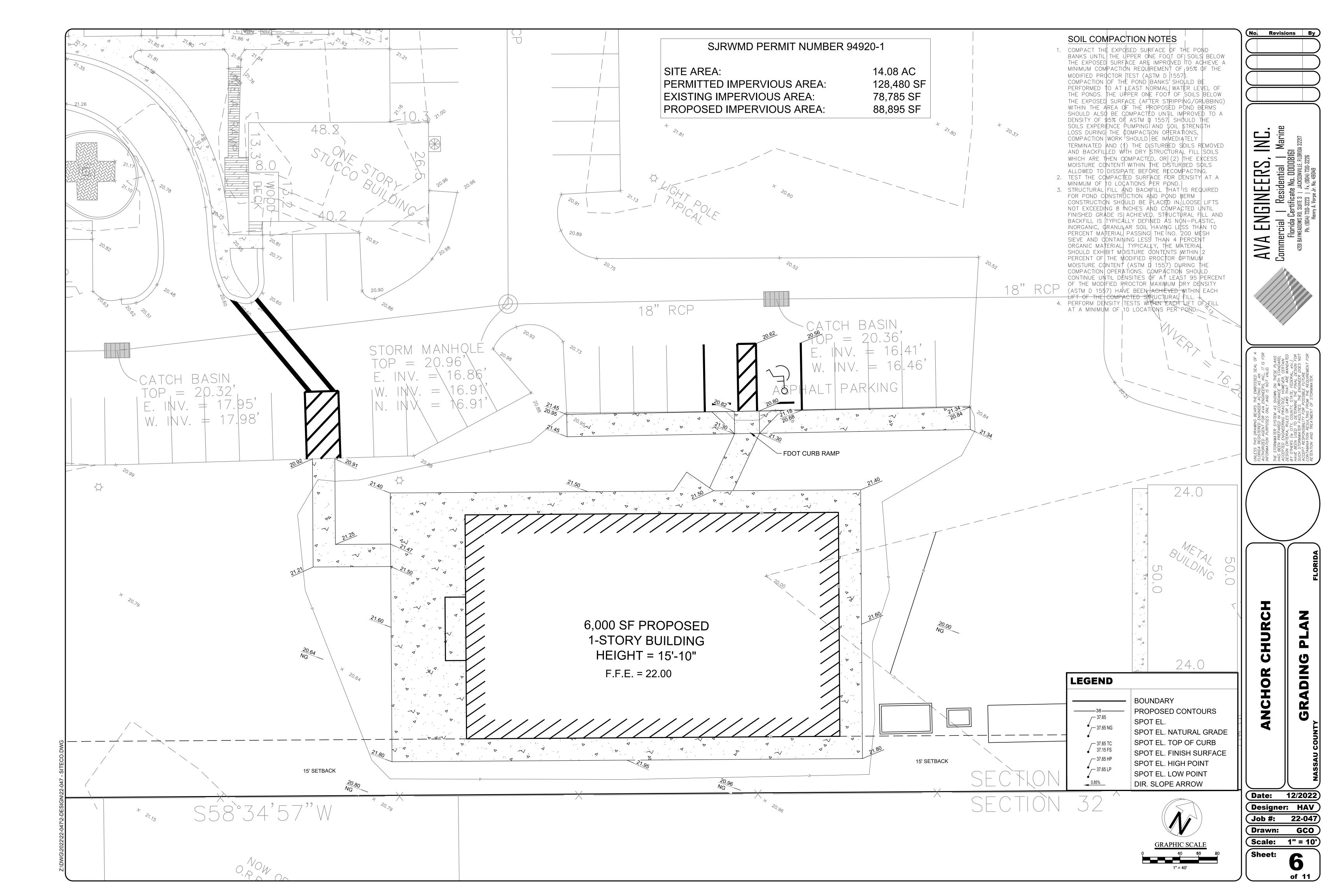
23. ALL STRUCTURES IN THE POND (OVERFLOW WEIRS, ETC.) SHOULD BE INCLUDED.

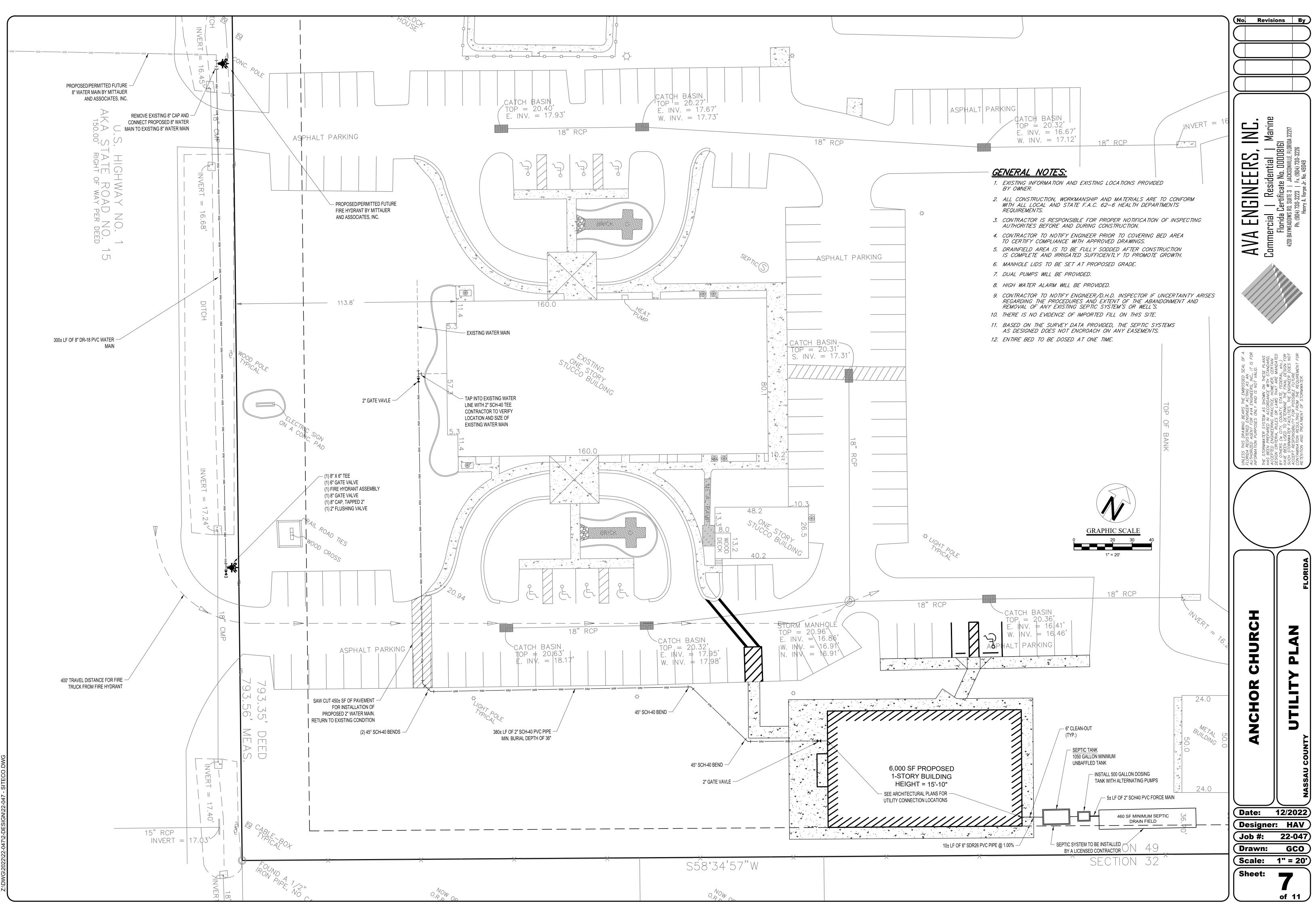


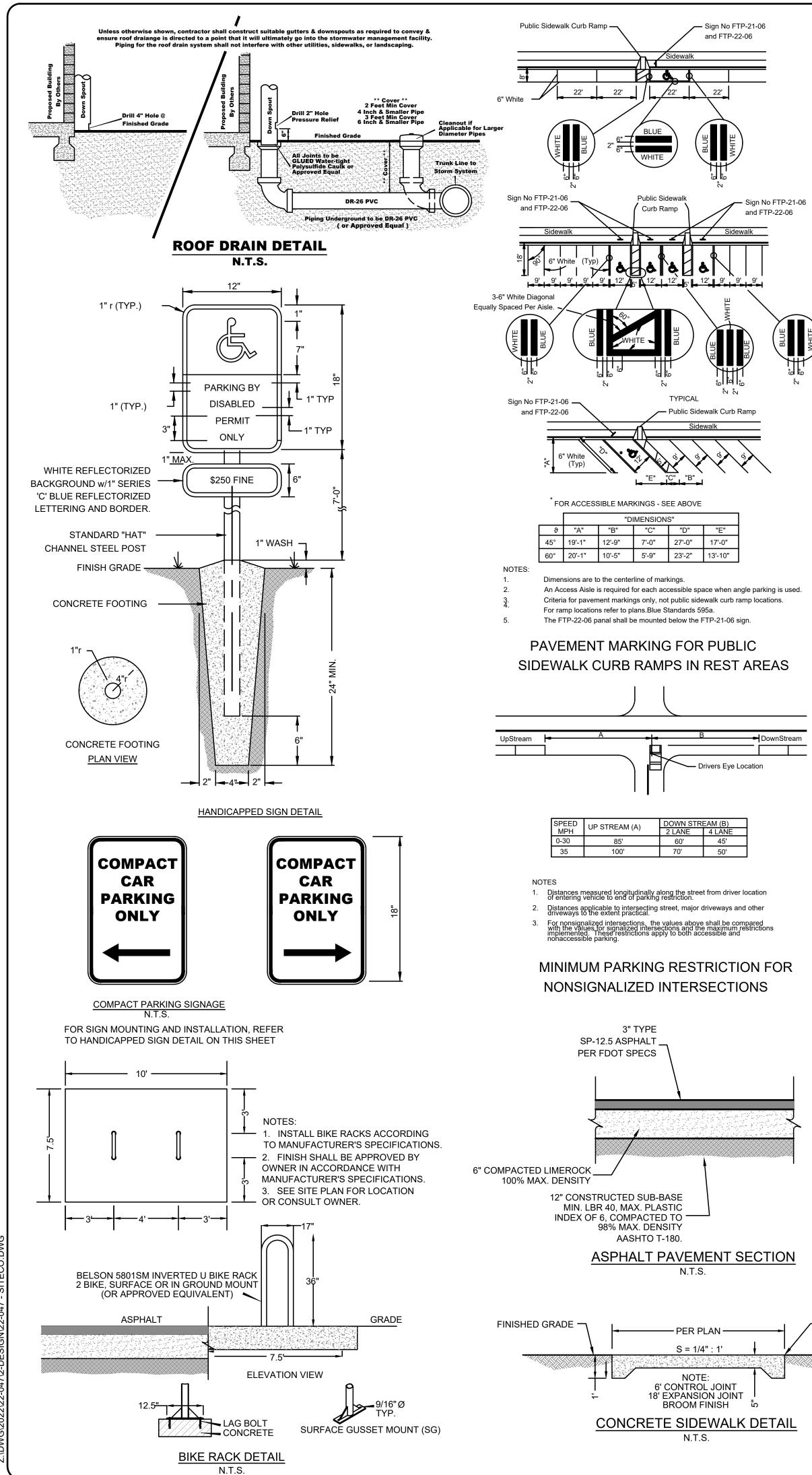




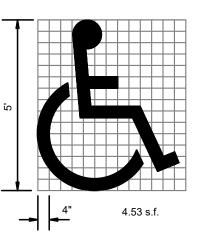


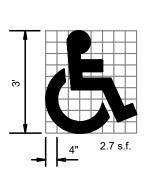






- 3/4" CHAMFER

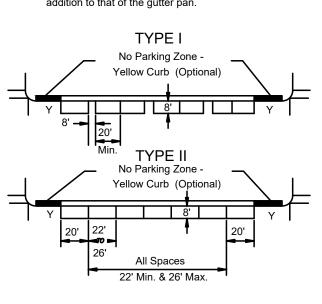


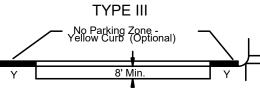


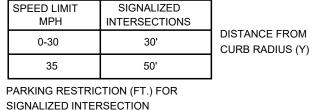
Use of pavement symbol in accessible parking spaces is optional, when used the symbol shall be 3' or 5' high and white in color. UNIVERSAL SYMBOL OF ACCESSIBILITY

GENERAL NOTES

- For entrances to a one-way street, the downstream restriction may be reduced to 20'.
- 2. Parking shall not be allowed within 20' of a crosswalk. All parking lane markings shall be 6" white.
- 4. Parking lane lines shall be broken at driveways.
- Refer to Chapter 316, Fla. Statutes, for laws governing parking spaces. Where curb and gutter is used, the gutter pan width may be included as part of the minimum width of parking lane, but desirably the lane width should be in addition to that of the gutter pan.



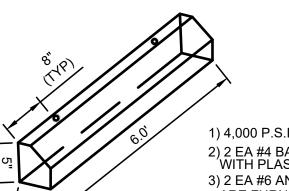




SIGNALIZED INTERSECTION

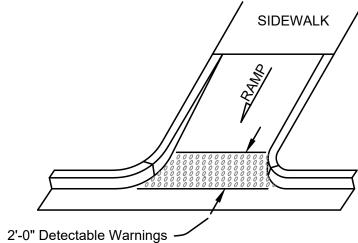
- NOTES:
- 1. Parking restrictions measured from curb radius point. 2. Restrictions for accessible parking are the same as
- those applied to nonsignalized intersections.

MINIMUM PARKING RESTRICTION FOR SIGNALIZED INTERSECTION

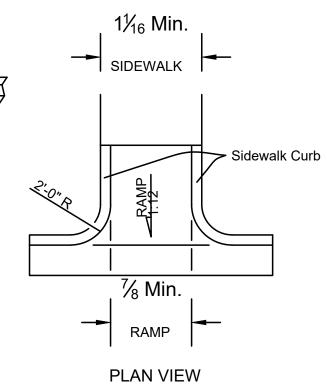


1) 4,000 P.S.I. TYPE II CEMENT 2) 2 EA #4 BARS ACCURATELY PLACED WITH PLASTIC CHAIRS. 3) 2 EA #6 ANCHOR PINS 16" LONG ARE FURNISHED

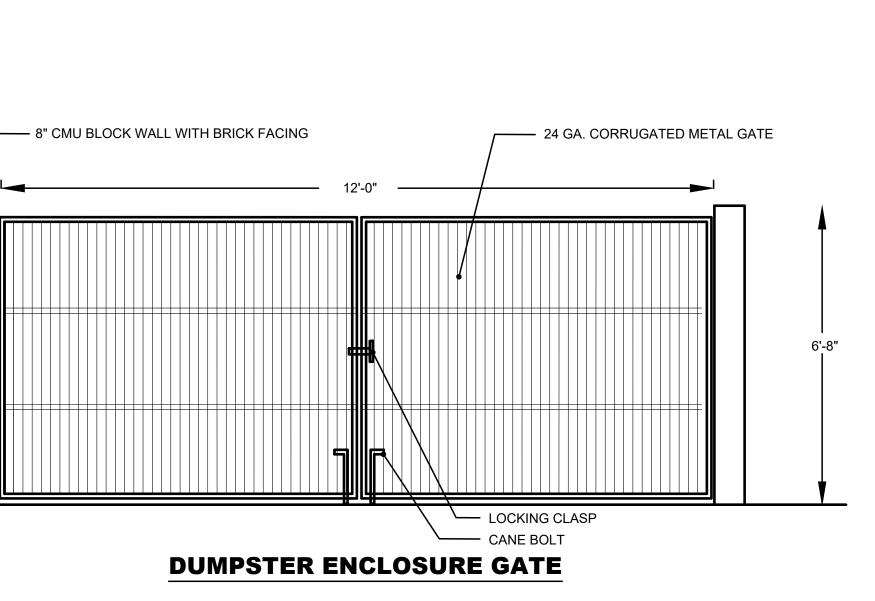
**CONCRETE WHEEL STOP DETAIL** N.T.S.

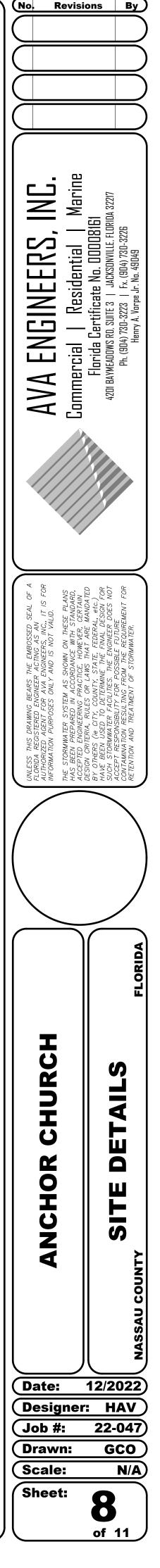


OPTION A



# FDOT 522.002 ADA RAMP DETAIL





# **EROSION AND SEDIMENT CONTROL NOTES**

. THE ENVIRONMENTAL PROTECTION AGENCY (EPA) HAS ISSUED TO FLORIDA A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT FOR CERTAIN STROMWATER DISCHARGES. THIS NPDES PROGRAM REQUIRES THAT IF THE MAGITUDE OF CONSTRUCTION SCTIVITIES COVERED BY THE GENERAL PERMIT ARE ABOVE CERTAIN THRESHOLDS, THEN A STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS REQUIRED. ALSO INVOLVED ARE CERTAIN CERTIFICATION, NOTIFICATION, INSPECTION AND RECORD KEEPING IN ACCORDANCE WITH THE EPA PUBLICATION EPA 832-R-92-005 DATED SEPT., 1992 & TITLED "STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES-DEVELOPING POLLUTION PREVENTION PLANS & BEST MANAGEMENT PRACTICES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE IF THIS PROJECT REQUIRES AN NPDES APPLICATION AND NOTIFICATION AND, IF NECESSARY, PREPARE, SUBMIT AND MAINTAIN THE REQUIRED DOCUMENTATION IN COMPLIANCE WITH THE EPA GUIDELINES AND CRITERIA.

2. THESE PLANS INDICATE THE MINIMUM EROSION AND SEDIMENT CONTROL MEASURES REQUIRED FOR THIS PROJECT. THE CONTRACTOR IS RESPONSIBLE FOR MEETING ALL APPLICABLE RULES, REGULATIONS AND WATER QUALITY GUILDELINES AND MAY NEED TO INSTALL ADDITIONAL CONTROLS.

3. THE CONTRACTOR IS RESPONSIBLE FOR FOLLOWING THE BEST EROSION AND SEDIMENT CONTROL PRACTICES AS OUTLINED IN THE PLANS, SPECIFICATIONS, AND THE ST. JOHNS RIVER MANAGEMENT DISTRICT PERMIT AND REGULATIONS. DEWATERING PUMPS SHALL NOT EXCEED THE CAPACITY OF THAT WHICH REQUIRES A CONSUMPTIVE USE PERMIT FROM THE ST. JOHNS RIVER MANAGEMENT DISTRICT.

4. ALL EXCAVATIONS AND EARTHWORK SHALL BE DONE IN A MANNER TO MINIMIZE WATER TURBIDITY AND POLLUTION. DISCHARGE SHALL BE CONTROLLED AND REROUTED THROUGH HAY FILTERS, SILTATION DIAPERS AND SUMPS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREVENTION, CORRECTION, CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION IN ACCORDANCE WITH CHAPTER 17-3, FLORIDA ADMINISTRATIVE CODE. FOR ADDITIONAL INFORMATION ON SEDIMENT AND EROSION CONTROL REFER TO "FLORIDA DEVELOPEMENT MANUAL - A GUIDE TO SOUND LAND AND WATER MANAGEMENT" FROM THE STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, CHAPTER 6.

5. THE CONTRACTOR SHALL PAY FOR ANY WATER QUALITY CONTROL VIOLATIONS FROM ANY AGENCY THAT RESULTS IN FINES BEING ASSESSED TO THE OWNER BECAUSE OF THE CONTRACTOR'S FAILURE TO ELIMINATE TURBID RUNOFF FROM LEAVING THE SITE AND RAISING BACKGROUND LEVELS. EROSION AND SEDIMENT CONTROL BARRIERS SHALL BE PLACED ADJACENT TO ALL WETLAND AREAS WHERE THERE IS POTENTIAL FOR DOWNSTREAM WATER

6. QUALITY DEGRADATION.

. ADDITIONAL PROTECTION - ON SITE PROTECTION, AS MAY BE DEEMED NECESSARY DURING CONSTRUCTION SHALL BE PROVIDED THAT WILL NOT PERMIT SILT TO LEAVE THE PROJECT CONFINES DUE TO UNFORSEEN CONDITIONS OR ACCIDENTS,

8. WIRE MESH SHALL BE LAID OVER THE DROP INLET SO THAT THE WIRE EXTENDS A MINIMUM OF 1 FOOT BEYOND EACH SIDE OF THE INLET STRUCTURE. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2-INCH OPENINGS SHALL BE USED. IF MORE THAN ONE STRIP OF MESH IS NECESSARY, THE STRIPS SHALL BE OVERLAPPED. FDOT NO. 1 COARSE AGGREGATE SHALL BE PLACED OVER THE WIRE MESH. THE DEPTH OF STONE SHALL BE AT LEAST 12 INCHES OVER THE ENTIRE INLET OPENING. THE STONE SHALL EXTEND BEYOND THE INLET OPENING AT LEAST 18 INCHES ON ALL SIDES.

9. IF THE STONE FILTER BECOMES CLOGGED WITH SEDIMENT SO THAT IT NO LONGER ADEQUATELY PERFORMS ITS FUNCTION, THE STONES MUST BE PULLED AWAY FROM THE INLET, CLEANED AND REPLACED.

10. BALES SHALL BE PLACED LENGTHWISE IN SINGLE ROW SURROUNDING THE INLET, WITH THE ENDS OF ADJACENT BALES PRESSED TOGETHER. BALES SHALL BE EITHER WIRE-BOUND OR STRING-TIED WITH THE BINDINGS ORIENTED AROUND THE SIDES RATHER THAN OVER AND UNDER THE BALES.

11. THE FILTER BARRIER SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED TO A MINIMUM DEPTH OF 8 INCHES. AFTER THE BALES ARE STAKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AND COMPACTED AGAINST THE FILTER BARRIER. EACH BALE SHALL BE SECURELY ANCHORED AND HELD IN PLACE BY AT LEAST TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. LOOSE FIBER SHOULD BE WEDGED BETWEEN BALES TO PREVENT WATER FROM ENTERING BETWEEN BALES.

12. SOD SHALL BE PLACED IN AREAS WHICH MAY REQUIRE IMMEDIATE EROSION PROTECTION TO ENSURE WATER QUALITY STANDARDS AND SHALL BE MAINTAINED UNTIL COMPLETION OF ALL CONSTRUCTION ACTIVITY.

13. CONTRACTOR SHALL ENSURE THAT ALL DRAINAGE STRUCTURES, PIPES, ETC., ARE CLEANED OUT AND WORKING PROPERLY AT ALL TIMES AND THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAINFALL EVENT AND REPAIRS, AS NEEDED, SHALL BE MADE IMMEDIATELY.

14. ANY DISCHARGE FROM A DEWATERING ACTIVITY SHALL BE FILTERED AND CONVEYED TO THE OUTFALL IN A MANNER WHICH PREVENTS EROSION AND THE TRANSPORTATION OF SUSPENDED SOLIDS TO THE RECEIVING OUTFALL.

15. SILT FENCES AND FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.

16. NECESSARY REPAIRS TO BARRIERS OR REPLACEMENT OF BALES SHALL BE ACCOMPLISHED PROMPTLY. CLOSE ATTENTION SHALL BE PAID TO THE REPAIR OF DAMAGED BALES, END RUNS AND UNDERCUTTING BENEATH BALES.

17. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL OF ANY SEDIMENT THAT LEAVES THE SITE AND CHANGES ANY DOWNSTREAM CONDITIONS BY RAISING CHANNEL BOTTOMS AND/OR CLOGGING OUTFALL CULVERTS.

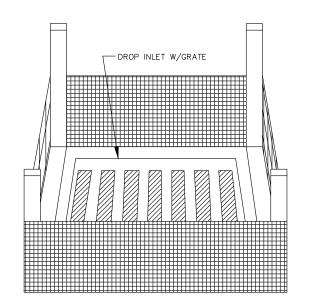
18. SEDIMENT DEPOSITS TO BE REMOVED AFTER EACH RAINFALL AND REMOVED WHEN THE LEVEL OF DEPOSITION REACHES APPROXIMATELY ONE-HALF THE HEIGHT ON THE BARRIER. SEDIMENT TRAPS TO BE RESTORED TO THIER ORIGIONAL DIMENSIONS BY REMOVING THE SEDIMENT WHEN IT HAS ACCUMULATED TO ONE-THIRD THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT TO BE DEPOSITED IN A SUITABLE AREA AND MANNER THAT IT WILL NOT ERODE.

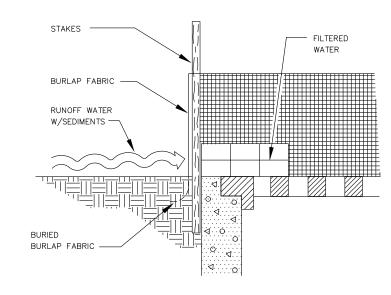
19. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE, SYNTHETIC BALE OR FILTER BARRIER IS NO LONGER REQUIRED OR AFTER COMPLETION OF CONSTRUCTION SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEEDED.

20. THE SITE CONTRACTOR IS RESPONSIBLE FOR REMOVING THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AFTER COMPLETION OF CONSTRUCTION AND ONLY WHEN AREAS HAVE BEEN STABILIZED. ALL DEWATERING, EROSION AND SEDIMENT CONTROL TO REMAIN IN PLACE AFTER COMPLETION OF CONSTRUCTION AND REMOVED ONLY WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.

21. ALL DISTURBED AREAS SHALL BE STABILIZED THROUGH COMPACTION, GRASSING AND SODDING. THE GRASS/SODDING SHALL BE MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED. ALL FILL SLOPES 4:1 OR GREATER TO RECEIVE STAKED SOLID SOD.

# **ONLY SYNTHETIC BALES TO BE USED (TYP)**





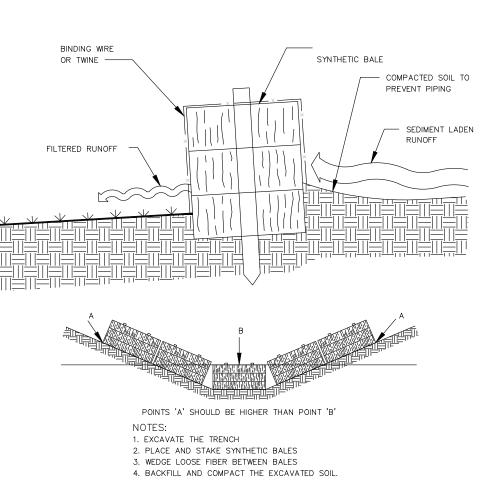
SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT 0.5 CFS ) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS,

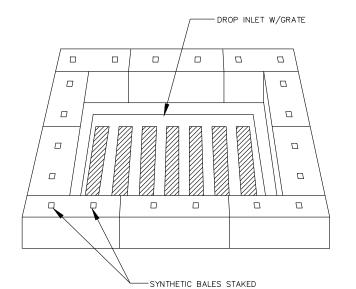
**BURLAP DROP INLET SEDIMENT FILTER** 

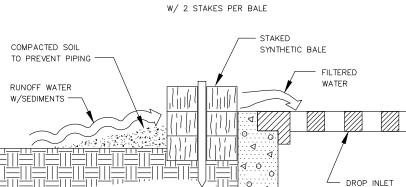
AREA ( SLOPES NO GREATER THAN 5% ) WHERE SHEET OR OVERLAND FLOWS ( NOT EXCEEDING

SUCH AS IN STREET OR HIGHWAY MEDIANS.



# **SYNTHETIC BALE BARRIER**



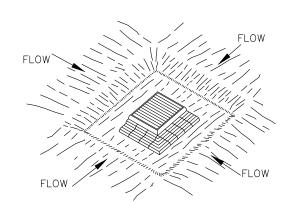


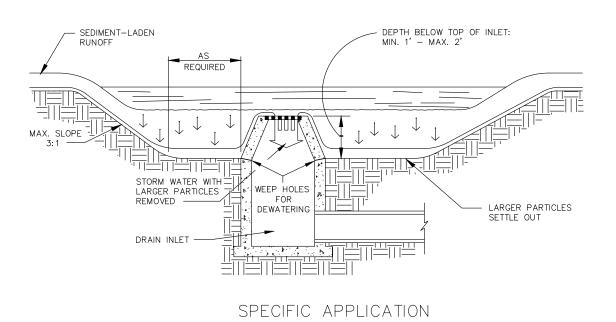
W/GRATE

## SPECIFIC APPLICATION

THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE THE INLET DRAINS A RELATIVELY FLAT AREA ( SLOPES NO GREATER THAN 5% ) WHERE SHEET OR OVERLAND FLOWS ( NOT EXCEEDING 0.5 CFS ) ARE TYPICAL. THE METHOD SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS, SUCH AS IN STREET OR HIGHWAY MEDIANS.

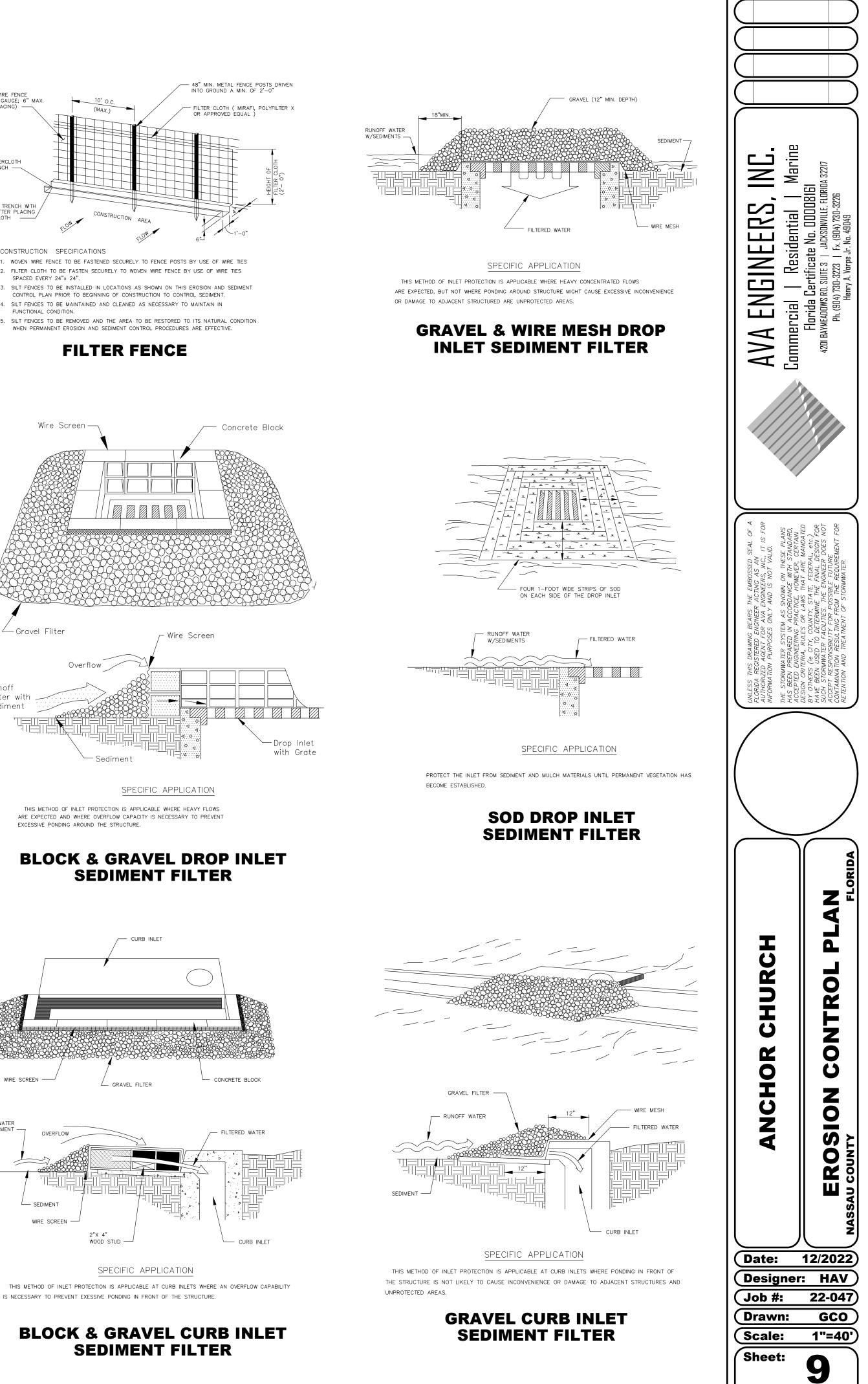
## SYNTHETIC BALE DROP INLET **SEDIMENT FILTER**

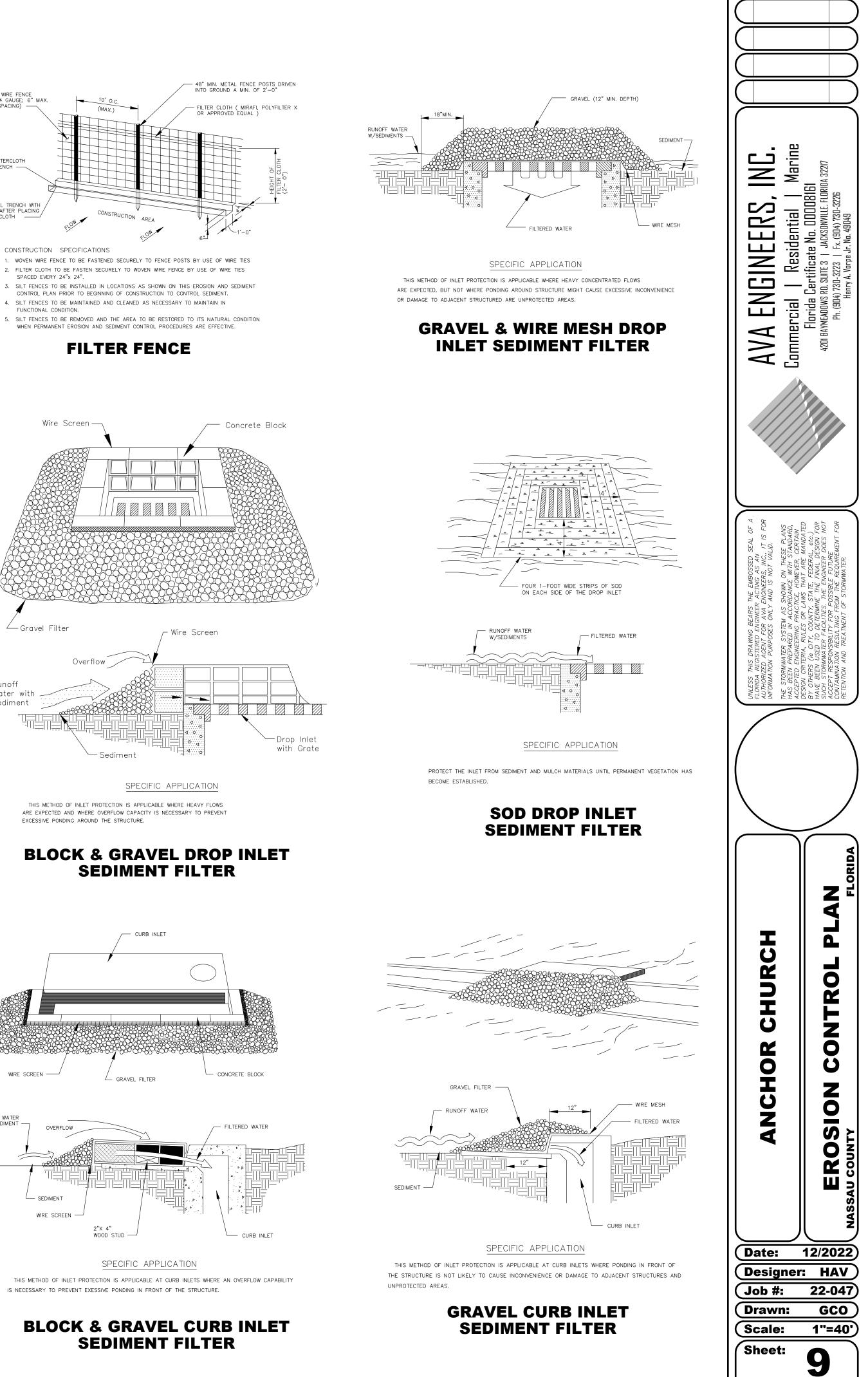


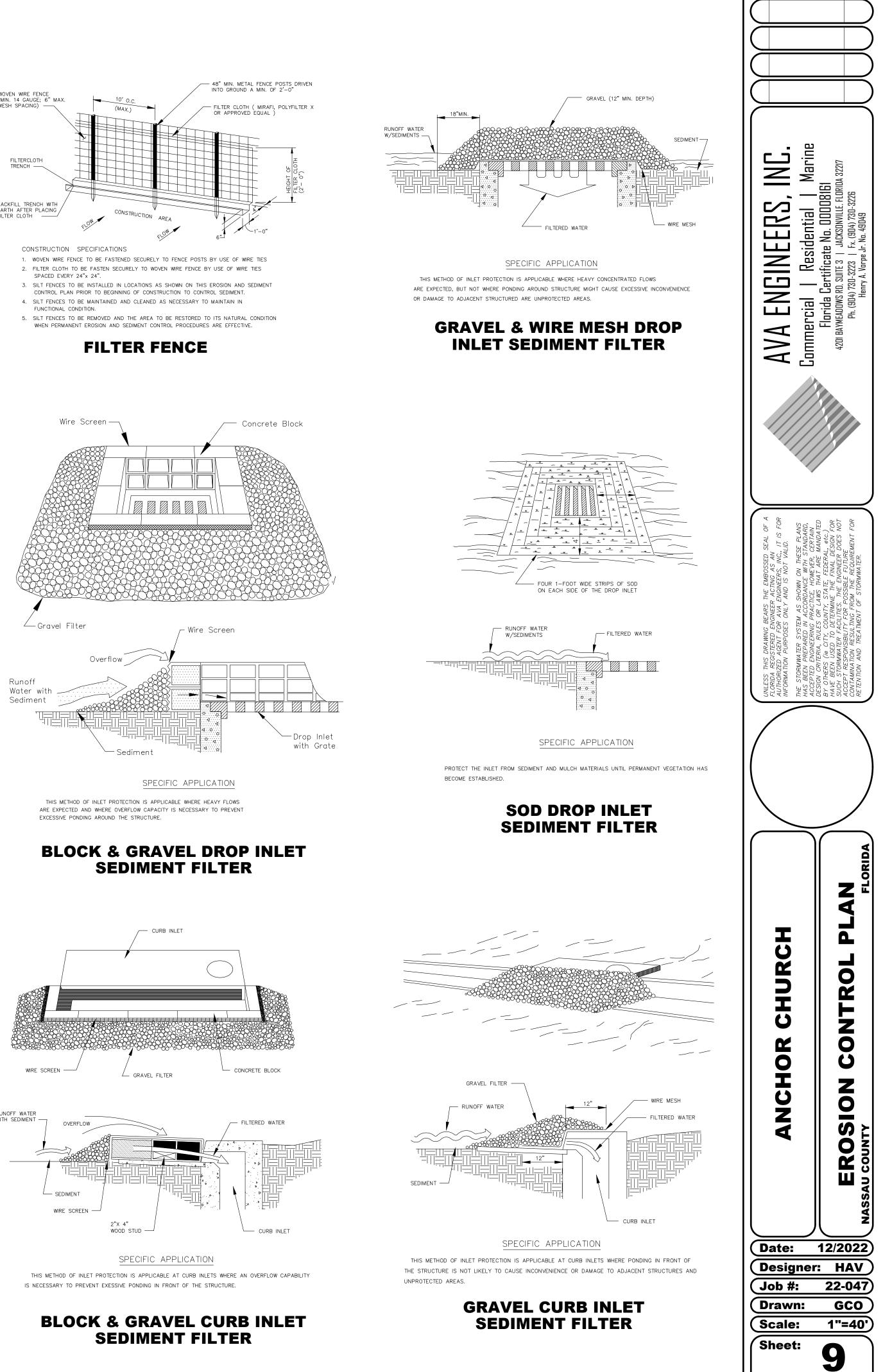


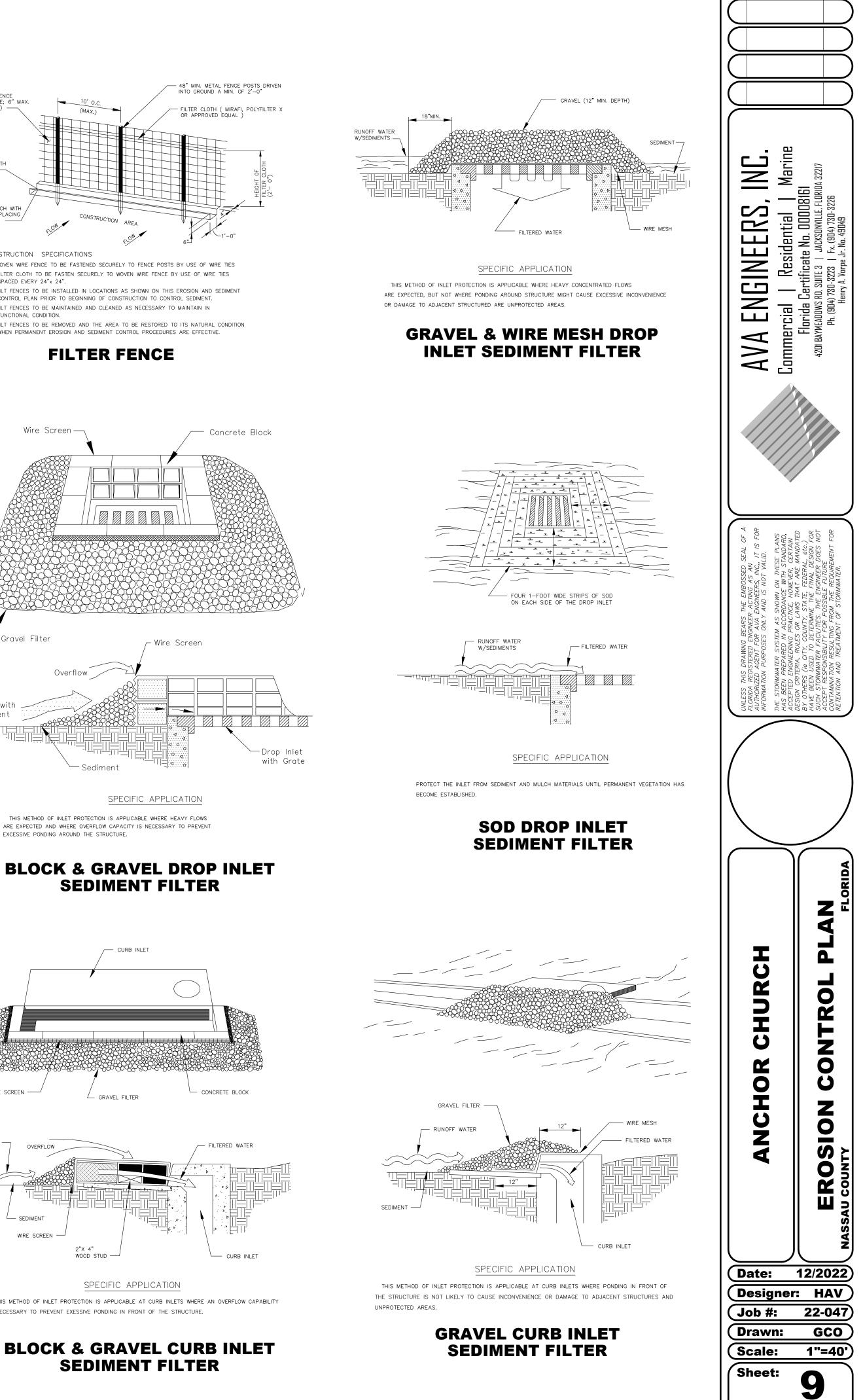
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPABILITY AND EASE OF MAINTENANCE ARE DESIRABLE

## **EXCAVATED DROP INLET** SEDIMENT TRAP



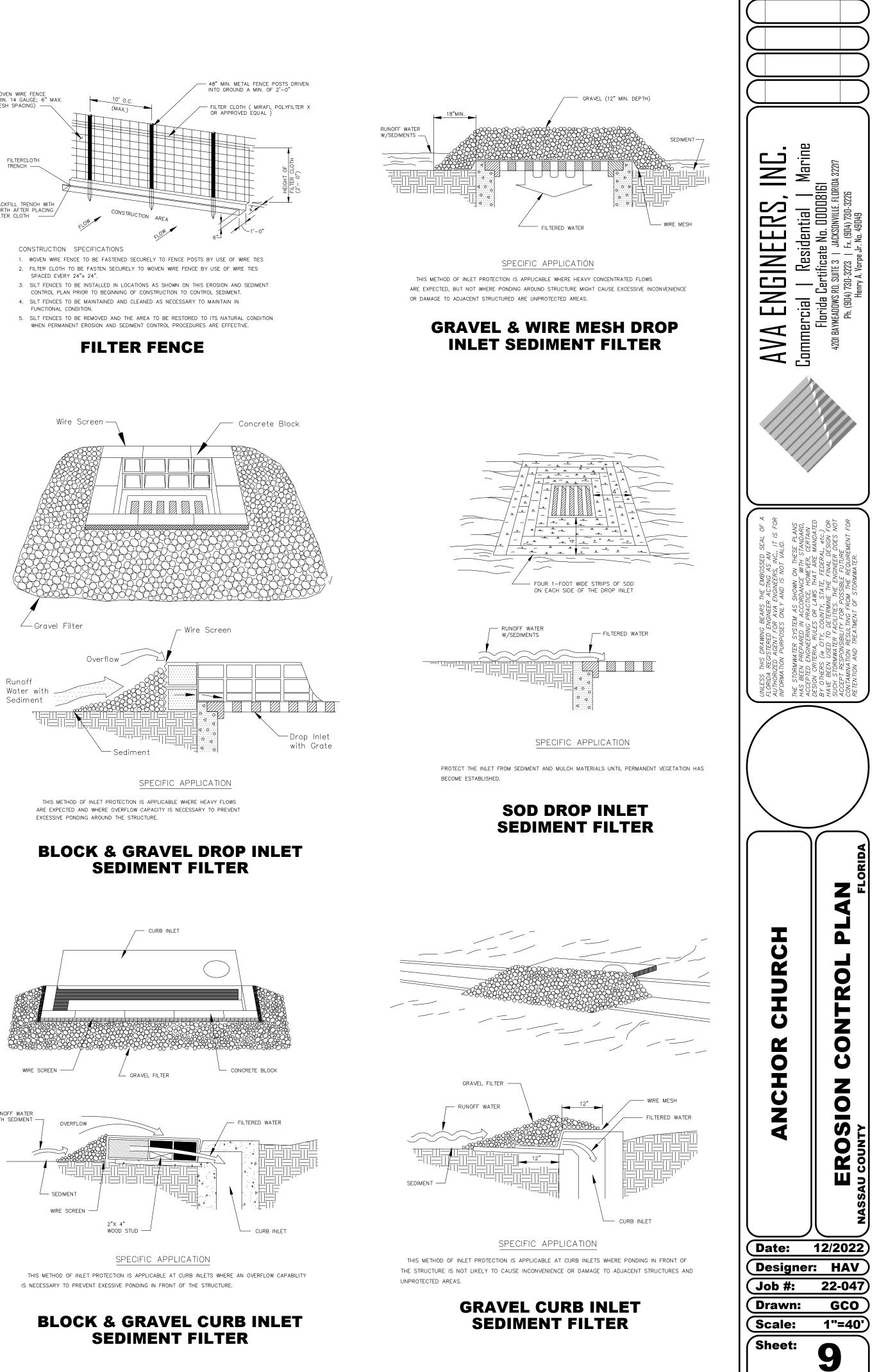


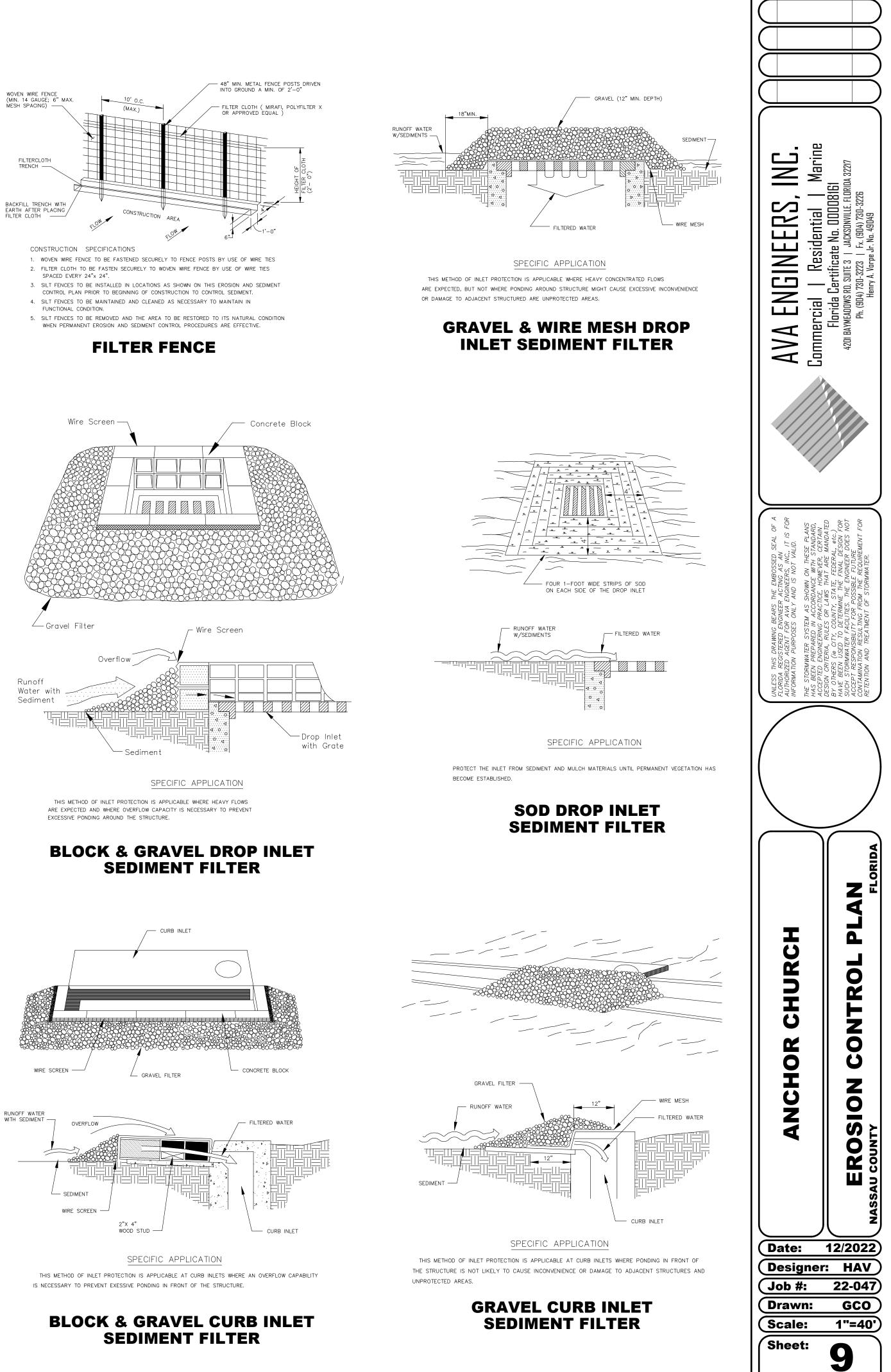




Revisions

of 11





OWNER'S REQUIREMENTS		CONTRACTOR'S	REQUIREMENTS		No. Revisions By
SITE DESCRIPTION	GENERAL	STRUCTURAL PRACTICES	PRODUCT SPECIFIC PRACTICES THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED	MAINTENANCE/INSPECTION PROCEDURES	
PROJECT NAME AND LOCATION: ANCHOR CHURCH 541798 U.S. HIGHWAY NO. 1	THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED BELOW AND THOSE MEASURES SHOWN ON THE EROSION AND TURBIDITY CONTROL	1. TEMPORARY DIVERSION DIKE: TEMPORARY DIVERSION DIKES MAY BE USED TO DIVERT RUNOFF TROUGH A SEDIMENT-TRAPPING	ONSITE: PETROLEUM PRODUCTS	EROSION AND SEDIMENT CONTROL INSPECTION AND MAINTENANCE PRACTICES	
CALLAHAN FL, 32011	PLAN. IN ADDITION THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED TO BE IN COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS. DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION THE	FACILITY.	ALL ONSITE VEHICLES WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE	THE FOLLOWING ARE INSPECTION AND MAINTENANCE PRACTICES THAT WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS.	
OWNER NAME AND ADDRESS: CHURCH OF GOD AT CALLAHAN	CONTRACTOR MAY BE REQUIRED TO ADD FLOCCULATES TO THE RETENTION SYSTEM PRIOR TO PLACING THE SYSTEM INTO OPERATION.	INSTALLED IN A DRAINAGE WAY AT A STORM DRAIN INLET OR AT OTHER POINTS OF DISCHARGE FROM A DISTURBED AREA WITH THE FOLLOWING LIMITATIONS:	CHANCE OF LEAKAGE. PETROLEUM PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED	1. NO MORE THAN 10 ACRES OF THE SITE WILL BE DENUDED AT ONE TIME WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.	
541798 U.S. HIGHWAY NO. 1 CALLAHAN FL, 32011	SEQUENCE OF MAJOR ACTIVITIES	A. THE SEDIMENT TRAP MAY BE INSTRUCTED EITHER INDEPENDENTLY OR IN CONJUNCTION WITH A TEMPORARY DIVERSION DIKE.	ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.	2. ALL CONTROL MEASURES WILL BE INSPECTED BY THE SUPERINTENDENT, THE PERSON RESPONSIBLE FOR THE DAY TO	
DECODIDITION	THE ORDER OF ACTIVITIES WILL BE AS FOLLOWS:	3. OUTLET PROTECTION: APPLICABLE TO THE OUTLETS OF ALL PIPES AND PAVED CHANNEL SECTIONS WHERE THE VELOCITY OF FLOW	FERTILIZERS USED WILL APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE	DAY SITE OPERATION OR SOMEONE APPOINTED BY THE SUPERINTENDENT, AT LEAST ONCE A WEEK AND FOLLOWING ANY	Marin A 32217
DESCRIPTION: MODIFICATION TO EXISTING SJRWMD PERMIT NO. 949201-1 BUILDING ADDITION AND ASSOCIATED UTILITIES	1. INSTALL STABILIZED       9. INSTALL UTILITIES, STORM SEWER         CONSTRUCTION ENTRANCE       CURBS AND GUTTER.         2. INSTALL SILT FENCES AND HAY       10. APPLY BASE TO PARKING LOT	AT DESIGN CAPACITY OF THE OUTLET WILL EXCEED THE PERMISSIBLE VELOCITY OF THE RECEIVING CHANNEL OR AREA.	APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF	3. ALL TURBIDITY CONTROL MEASURES WILL BE MAINTAINED IN GOOD	
SOIL DISTURBING ACTIVITIES WILL INCLUDE: CLEARING AND GRUBBING; PERIMETER, AND OTHER EROSION AND SEDIMENT CONTROLS;	BALES AS REQUIRED 11. COMPLETE GRADING AND 3. CLEAR AND GRUB FOR DIVERSION INSTALL PERMANENT SWALES/DIKES AND SEDIMENT SEEDING/SOD AND PLANTING	4. SEDIMENT BASIN: WILL BE CONSTRUCTED AT THE COMMON DRAINAGE LOCATIONS THAT SERVE AN AREA WITH 10 OR MORE DISTURBED ACRES AT ONE TIME. THE PROPOSED STORM WATER	FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.	WORKING ORDER; IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF REPORT. 4. BUILT UP SEDIMENT WILL BE REMOVED FROM SILT FENCE WHEN IT	Intial Intial Inville, F 14) 730-33 140 730-33
GRADING ; EXCAVATION FOR UTILITIES, STORM PIPING; CURB AND GUTTER; ASPHALT PAVING; ALSO INCLUDES PREPARATION FOR FINAL PLANTING AND SEEDING.	BASIN       12. COMPLETE FINAL PAVING         4. CONSTRUCT SEDIMENTATION       13. REMOVE ACCUMULATED         BASIN       SEDIMENT FROM BASINS	PONDS (OR TEMPORARY PONDS) WILL BE CONSTRUCTED FOR USE AS SEDIMENT BASINS. THESE SEDIMENT BASINS MUST PROVIDE A MINIMUM OF 3, 600 CUBIC FEET OF STORAGE PER ACRE DRAINED	PAINTS ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN	AS REACHED ONE-THIRD THE HEIGHT OF THE FENCE.	sider - Jacks - Fx. (90
RUNOFF COEFFICIENT:	5. CONTINUE CLEARING AND GRUBBING       14. WHEN ALL CONSTRUCTION ACTIVITY IS COMPLETE AND THE         6. STOCK PILE TOP SOIL IF REQUIRED       SITE IS STABILIZED, REMOVE	UNTIL FINAL STABILIZATION OF THE SITE. THE 3, 600 CUBIC FEET OF STORAGE AREA PER ACRE DRAINED DOES NOT APPLY TO FLOWS FROM OFFSITE AREAS AND FLOWS FROM ONSITE AREAS THAT ARE	NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS'	TO SEE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO SEE THAT THE FENCE POSTS ARE FIRMLY IN THE GROUND.	Tificat Res A. Vorpe
1. PRE-CONSTRUCTION = 78 2. DURING CONSTRUCTION = 85 3. POST-CONSTRUCTION =90	7. PERFORM PRELIMINARY GRADING       ANY TEMPORARY DIVERSION         ON SITE AS REQUIRED       SWALES/DIKES AND RESED/         8. STABILIZE DENUDED AREAS AND       SOD AS REQUIRED	EITHER UNDISTURBED OR HAVE UNDERGONE FINAL STABILIZATION WHERE SUCH FLOWS ARE DIVERTED AROUND BOTH THE DISTURBED AREA AND THE SEDIMENT BASIN. ANY	INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.	6. THE SEDIMENT BASINS WILL BE INSPECTED FOR THE DEPTH OF SEDIMENT, AND BUILT UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF	Henry A
SOILS: SEE SOILS REPORT FOR SOILS DATA	STOCKPILES AS SOON AS PRACTICABLE	TEMPORARY SEDIMENT BASINS CONSTRUCTED MUST BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH THE SPECIFICATIONS FOR STRUCTURAL FILL. ALL SEDIMENT	CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON THE	THE JOB. 7. DIVERSION DIKES/SWALES WILL BE INSPECTED AND ANY BREACHES	AYMEADC
SITE MAPS: * SEE ATTACHED GRADING PLAN FOR PRE & POST DEVELOPMENT GRADES, AREAS OF SOIL,	CONTROLS	COLLECTED IN PERMANENT OR TEMPORARY SEDIMENT TRAPS MUST BE REMOVED UPON FINAL STABILIZATION.	SITE.	8. TEMPORARY AND PERMANENT SEEDING AND PLANTING WILL BE	
DISTURBANCE, LOCATION OF SURFACE WATERS, PROTECTED AREAS, MAJOR STRUCTURAL AND NON-STRUCTURAL CONTROLS AND STORM WATER DISCHARGE POINTS.	IT IS IN THE CONTRACTORS RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN. IT IS ALSO THE CONTRACTORS	OTHER CONTROLS	SPILL CONTROL PRACTICES	9. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH	
* SEE ATTACHED EROSION & TURBIDITY CONTROL PLAN FOR LOCATION OF TEMPORARY STABILIZATION PRACTICES, AND TURBIDITY BARRIERS.	RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE	WASTE DISPOSAL	IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THE PREVIOUS SECTIONS OF THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:	INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY	
* SEE GENERAL NOTES FOR REQUIREMENTS FOR TEMPORARY AND PERMANENT STABILIZATION.	CONTRACTOR WILL ADJUST THE EROSION AND TURBIDITY CONTROLS SHOWN ON THE EROSION AND TURBIDITY CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES. AS REQUIRED TO ENSURE THE SITE	WASTE MATERIALS	MANUEACTURERS' RECOMMENDED METHODS FOR SPILL CLEANING WILL BE CLEARLY ROSTED ON	AVAILABLE UPON REQUEST TO THE OWNER, ENGINEER, OR ANY FEDERAL, STATE, OR LOCAL AGENCY APPROVING SEDIMENT AND EROSION PLANS, OR STORM WATER MANAGEMENT PLANS.	
SITE AREA: 1. TOTAL AREA OF SITE = 14.08 Ac.	MEETS ALL FEDERAL, STATE, AND LOCAL EROSION AND TURBIDITY CONTROL REQUIREMENTS. THE FOLLOWING BEST MANAGEMENT PRACTICES WILL BE IMPLEMENTED BY THE CONTRACTOR AS REQUIRED	ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND	SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE PROCEDURES AND THE LOCATION OF THE INFORMATION AND CLEANUP SUPPLIES.	THE REPORTS SHALL BE MADE AND RETAINED AS PART OF THE STORM WATER POLLUTION PREVENTION PLAN FOR AT LEAST THREE YEARS FROM THE DATE THAT THE SITE IS FINALLY STABILIZED AND	
2. TOTAL AREA TO BE DISTURBED = 0.41 Ac. NAME OF RECEIVING WATERS: CUSHING CREEK	BY THE EROSION AND TURBIDITY CONTROL PLAN AND AS REQUIRED TO MEET THE EROSION AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES.	THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION	MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, GLOVES, GOGGLES, LIQUID ABSORBENT (i.e. KITTY	THE NOTICE TERMINATION IS SUBMITTED. THE REPORTS SHALL IDENTIFY ANY INCIDENTS OF NON- COMPLIANCE.	
	EROSION AND SEDIMENT CONTROLS STABILIZATION PRACTICES	SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESES PROCEDURES ARE FOLLOWED.	LITTER OR EQUAL), SAND, SAWDUST, AND PLASTIC, AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE.	10. THE SITE SUPERINTENDENT WILL SELECT UP TO THREE INDIVIDUALS WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE, AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION AND	
	1. STRAW BALE BARRIER: STRAW BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION	HAZARDOUS WASTE	ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.	MAINTENANCE REPORT. 11. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE	PF A FOR VS CD TED -OR -OR
CONTROLS	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33	ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES	PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.	RESPONSIBILITIES WILL RECEIVE TRAINING FROM THE SITE SUPERINTENDENT. THEY WILL BE TRAINED IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING THE	) SEAL ( N N ALL ( STANDAF CERTAIL AL, etc.) AL, etc.) AL, etc.) AL, etc.) AL, etc.) AL, etc.) AL, etc.) AL, etc.) AL, etc.) STANDAF CERTAIL
THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL	<ul> <li>PERCENT.</li> <li>B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2</li> </ul>	DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED.	LOCAL GOVERNMENT AGENCY, REGARDLESS OF THE SIZE OF THE SPILL. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS	EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.	MBOSSEL MBOSSEL IG AS A S NOT V S NOT V S NOT V C MTH OWEVER, FINAL R E FUTUI E REJULI SMWATER
EROSION AND TURBIDITY CAUSED BY STORM WATER RUNOFF. AN EROSION AND TURBIDITY PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS AS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS	MONTHS	SANITARY WASTE	TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT, AND THE CLEANUP MEASURES WILL ALSO BE	NON-STORM WATER DISCHARGES 1. IT IS EXPECTED THAT THE FOLLOWING NON-STORM WATER	S THE E ER ACTIN Y AND I Y AND I Y AND I CTICE ANG COREANG COREANG THUNS TH LAWS TH LAWS TH LAWS TH COSSIBL POSSIBL ROM TH
REQUIRED BY FEDERAL, STATE, AND LOCAL LAWS. REFER TO "CONTRACTORS RESPONSIBILITY" FOR A VERBAL DESCRIPTION OF THE CONTROLS THAT MAY BE IMPLEMENTED.	D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT, IF NECESSARY, MEASURES SHALL BE TAKEN TO	ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVEN POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH	INCLUDED. T THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS, WILL BE	DISCHARGES WILL OCCUR FROM THE SITE DURING THE CONSTRUCTION PERIOD: 2. WATER FROM WATER LINE FLUSHING	G BEAR ENGINEL FOR AUX SES ONL STEM AS STEM AS ONL ACCOUNTY COUNTY COUNTY COUNTY COUNTY ATMENT ATMENT
STORM WATER MANAGEMENT	2. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED	STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.	THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE WILL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS WILL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND	3. PAVEMENT WASH WATERS ( WHERE NO SPILLS OR LEAKS OF TOXIC	DRAWIN ISTERED AGENT I PURPOS PURPOS REPAREL VGINEERI VGINEERI VONSIBIL ON RESI ND TREV
STORM WATER DRAINAGE WILL BE PROVIDED BY CURB AND GUTTER, STORM SEWER, CURB INLETS AND CATCH BASINS FOR THE PAVED AREAS. AREAS WHICH ARE NOT DEVELOPED BUT WILL BE	BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:	OFFSITE VEHICLE TRACKING A STABILIZED CONSTRUCTION ENTRANCE WILL BE PROVIDED TO HELP REDUCE VEHICLE	CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSTED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.	OR HAZARDOUS MATERIALS HAVE OCCURRED). 4. UNCONTAMINATED GROUNDWATER (FROM DEWATERING	SS THIS IDA REG IORIZED NORIZED RMATION BEEN PJ SP CORM ST TEED I SP TEED V SP TEED V SP TEED V SP TEED V NITON A
REGRADED SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE. WHEN CONSTRUCTION IS COMPLETE, A TOTAL OF ACRES WILL HAVE BEEN REGRADED. THE SITE DISCHARGES TO AN EXISTING WETLAND SYSTEM	A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT. B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2 ACRES.	TRACKING OF SEDIMETS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEPT DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS		EXCAVATION). ALL NON-STORM WATER DISCHARGES WILL BE DIRECTED TO THE	UNLE FLORE AUTH AUTH AUTH AUTH AUTH AUTH AUTH AUTH
WHERE PRACTICAL, TEMPORARY SEDIMENT BASINS WILL BE USED TO INTERCEPT SEDIMENT BEFORE ENTERING THE PERMANENT DETENTION BASIN.	3. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL	HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPAULIN.		SEDIMENT BASIN PRIOR TO DISCHARGE.	
	EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE. 4. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE	INVENTORY FOR POLLUTION PREVENTION PLAN		CONTRACTOR'S CERTIFICATION	
TIMING OF CONTROLS/MEASURES	<ul> <li>SEDIMENT FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED</li> <li>AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED</li> <li>AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS</li> </ul>	THE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION:	2	AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE	
REFER TO " CONTRACTORS RESPONSIBILITY " FOR THE TIMING OF CONTROL/MEASURES.	WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL LIP IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.	CONCRETEFERTILIZERSWOODASPHALTPETROLEUM BASED PRODUCTSMASONRY BLOCKSTARCLEANING SOLVENTSROOFING MATERIALS		CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.	
IN AN EFFORT TO ENSURE COMPLIANCE WITH FEDERAL, STATE, AND LOCAL LAWS REGARDING	5. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY	DETERGENTS PAINTS METAL STUDS		SIGNATURE BUSINESS NAME AND ADDRESS RESPONSIBLE FOR/DUTIES	
EROSION AND TURBIDITY CONTROLS, THE FOLLOWING PERMITS HAVE BEEN OBTAINED: D.E.R. DREDGE/FILL PERMIT #	OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY. 6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW	SPILL PREVENTION		OF CONTRACTOR AND ALL SUBS	
C.O.E. DREDGE/FILL PERMIT # S.J.R.W.M.D. PERMIT 94920-1	6. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING OR GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 10 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE	MATERIAL MANAGEMENT PRACTICES		GENERAL CONTRACTOR	
POLLUTION PREVENTION PLAN CERTIFICATION	PROJECTS WITH AN EROSION CONTROL PLAN WHICH — DEMONSTRATES THAT OPENING OF ADDITIONAL AREAS WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.	THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF.		SUB-CONTRACTOR	
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHERED AND EVALUATED THE	7 INTET PROTECTION, INTETS AND CATCH DASING WHICH	GOOD HOUSEKEEPING		SUB-CONTRACTOR	
INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE,	-LADEN STORM RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.	THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.			
ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.	OPERATIONS AND THAT ARE NOT ANTICIPRED TO BE RE-	1. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.		SUB-CONTRACTOR	
	EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 30 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER	2. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A		SUB-CONTRACTOR	
SIGNED: CORPORATE OFFICER, GENERAL PARTNER, PROPRIETOR, EXECUTIVE OFFICER, RANKING ELECTED OFFICIAL	DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT AFTER COMPETE WITH PERMANENT GRASSING.	ROOF OR OTHER ENCLOSURE. 3. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURERS LABEL.			
DATE:	9. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 8 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2. INCHES I DOSE MEASURE OF MULCH MATERIAL	4. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.			
	APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH.	<ol> <li>WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.</li> </ol>			
	10. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDROMULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM	<ol> <li>MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.</li> </ol>			
	GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.	<ol> <li>THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.</li> </ol>			
	11. TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED	HAZARDOUS PRODUCTS			
	AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.	THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH			
	12. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO	HAZARDOUS MATERIALS. 1. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE			
	FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.	NOT RESEALABLE. 2. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT PRODUCT INFORMATION.			Date: 12/2022)
	13. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFF SITE FACILITIES.	3. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURER'S OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL			Date: 12/2022 Designer: HAV
	14. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID	WILL BE FOLLOWED.			Job #: 22-047
	GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED AND MULCHED OR SODDED.				Drawn: GCO Scale: 1"=40')
					Sheet:
					of 11

# JOB DESCRIPTION

#### STORM WATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT

TO BE COMPLETED EVERY SEVEN (7) DAYS AND WITHIN TWENTY-FOUR (24) HOURS OF A RAINFALL EVENT OF 0.25 INCHES OR MORE

INSPECTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

INSPECTOR'S QUALIFICATIONS:

DATES SINCE LAST RAINFALL:\_\_\_\_\_ AMOUNT OF LAST RAINFALL:\_\_\_\_\_ INCHES

STABILIZATION MEASURES

INSPECTION AREA (DESCRIPTION OF LOCATION)	DATE SINCE LAST DISTURBED	DATE OF NEXT DISTURBANCE	STABILIZED ? (YES / NO)	STABILIZED WIDTH	CONDITION

STABILIZATION REQUIRED:

TO BE PERFORMED BY: \_\_\_\_\_

SHEET 1 OF 4

#### JOB DESCRIPTION

#### STORM WATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT

SEDIMENT BASIN

DEPTH OF SEDIMENT IN BASIN	DEPTH OF SEDIMENT SIDE BASIN	IS THERE EVIDENCE OF OVER TOPPING OF EMBANKMENT?	CONDITION OF OUTFALL FROM SEDIMENT BASIN

MAINTENANCE REQUIRED FOR SEDIMENT BASIN:

## OTHER CONTROLS

STABILIZED CONSTRUCTION ENTRANCE

DOES MUCH SEDIMENT GET TRACKED ON TO ROADWAY?	IS THE GRAVEL CLEAN OR IS IT FILLED WITH SEDIMENT?	DOES ALL TRAFFIC USE THE STABILIZED ENTRANCE LEAVE THE SITE?	IS THE CULVERT BENEATH THE ENTRANCE WORKING? (IF APPLICABLE)

MAINTENANCE REQUIRED FOR STABILIZED CONSTRUCTION ENTRANCE:

TO BE PERFORMED BY: \_\_\_\_\_\_ ON OR BEFORE: \_\_\_\_\_

\_\_\_\_\_ ON OR BEFORE: \_\_\_\_\_

TO BE PERFORMED BY: \_\_\_\_\_\_ ON OR BEFORE: \_\_\_\_\_

\_\_\_\_\_

# JOB DESCRIPTION

STORM WATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT

DATE:\_\_\_\_\_

STRUCTURAL CONTROLS EARTH DIKES / SWALES

[				
DIKE OR SWALE	FROM	ТО	IS DIKE / SWALE STABILIZED?	IS THERE EVIDENCE OF WASHOUT OR OVER TOPPING?

MAINTENANCE REQUIRED FOR EARTH DIKE / SWALE:

BE PERFORMED	BY:		ON OR B	EFORE:
		EARTH DIKE	S / SWALES	
STRUCTURAL/ OUTFALL	ARE TURBIDITY CONTROLS IN PLACE?	ANY EVIDENCE OF CLOGGING/WASHOUT OR BYPASSING?	ARE TURBIDITY CONTROLS IN NEED OF REPLACING?	DOES SILT NEED TO BE REMOVED FROM AROUND CONTROL?

MAINTENANCE REQUIRED FOR CATCH BASIN / CURB INLETS / OUTFALLS TRUBIDITY CONTROLS:

TO BE PERFORMED BY: \_\_\_\_\_

ON OR BEFORE: SHEET 2 OF 4

#### ESCRIPTION JOB

STORM WATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT

CHANGES REQUIRED TO THE POLLUTION PREVENTION PLAN:

REASONS FOR CHANGES:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERTY GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

SIGNATURE: \_\_\_\_\_

\_\_\_\_\_ DATE: \_\_\_\_\_

SHEET 4 OF 4

الفالصالفال		UNLESS THIS DRAWING BEARS THE EMBOSSED SEAL OF A			(No.
esig ob # raw cale hee	ANCHOR CHURCH	FLORIDA REGISTERED ENGINEER ACTING AS AN AUTHORIZED AGENT FOR AVA ENGINEERS, INC., IT IS FOR INFORMATION PURPOSES ONLY AND IS NOT VALID.	AVA ENGINEEKS, INC.	. Γ	F
n: :		THE STORMWATER SYSTEM AS SHOWN ON THESE PLANS HAS BEEN PREPARED IN ACCORDANCE WITH STANDARD, ACCEPTED ENGINEERING PRACTICE, HOWEVER, CERTAIN	Commercial   Residential   Marine		Revisi
	12/	DESIGN CRITERIA, RULES OR LAWS THAT ARE MANDATED BY OTHERS (ie CITY, COUNTY, STATE, FEDERAL, etc.) HAVE BEEN USED TO DETERMINE THE FINAL DESIGN FOR	Florida Certificate No. 00008161		ons
HA 2-04 GC GC T	202 202	SUCH STORMWATER FACILITIES. THE ENGINEER DOES NOT ACCEPT RESPONSIBILITY FOR POSSIBLE FUTURE CONTAMINATION RESULTING FROM THE REQUIREMENT FOR	4201 BAYMEADOWS RD, SUITE 3   JACKSONVILLE, FLORIDA 32217 Ph. (904) 730-3223   Fx. (904) 730-3226		
	N NASSAU COUNTY FLORIDA	RETENTION AND TREATMENT OF STORMWATER.	Henry A. Vorpe Jr. No. 49049		By

NOTE TO CONTRACTOR:

THIS IS THE CONTRACTORS CERTIFICATE REQUIRED BY THE EPA'S NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES), STORM WATER POLLUTION PREVENTION PLAN FOR CONSTRUCTION SITES OVER FIVE (5) ACRES. IT IS SUGGESTED THAT THIS SHEET BE REMOVED FROM THE PLAN SET AND DUPLICATED ÀS NEEDED BY THE CONTRACTOR.

AN INSPECTOR, CERTIFIED BY THE STATE OF FLORIDA OR EXPERIENCED IN THE INSTALLATION AND MAINTENANCE OF EROSION CONTROLS, IS REQUIRED TO INSPECT THE EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE APPROVED STORMWATER POLLUTION PREVENTION PLAN. INSPECTION REPORTS ARE TO BE COMPLETED ONCE EVERY WEEK AND AFTER EVERY RAINFALL EVENT OF 0.5" OR MORE DURING THE CONSTRUCTION PHASE. THESE REPORTS SHALL BE MADE AVAILABLE TO THE CITY AT ANY TIME AND COPIES OF ALL OF THE INSPECTIONS SHALL BE SUBMITTED TO THE CITY PRIOR TO THE ISSUANCE OF A CERTIFICATE OF COMPLETION OR OCCUPANCY.