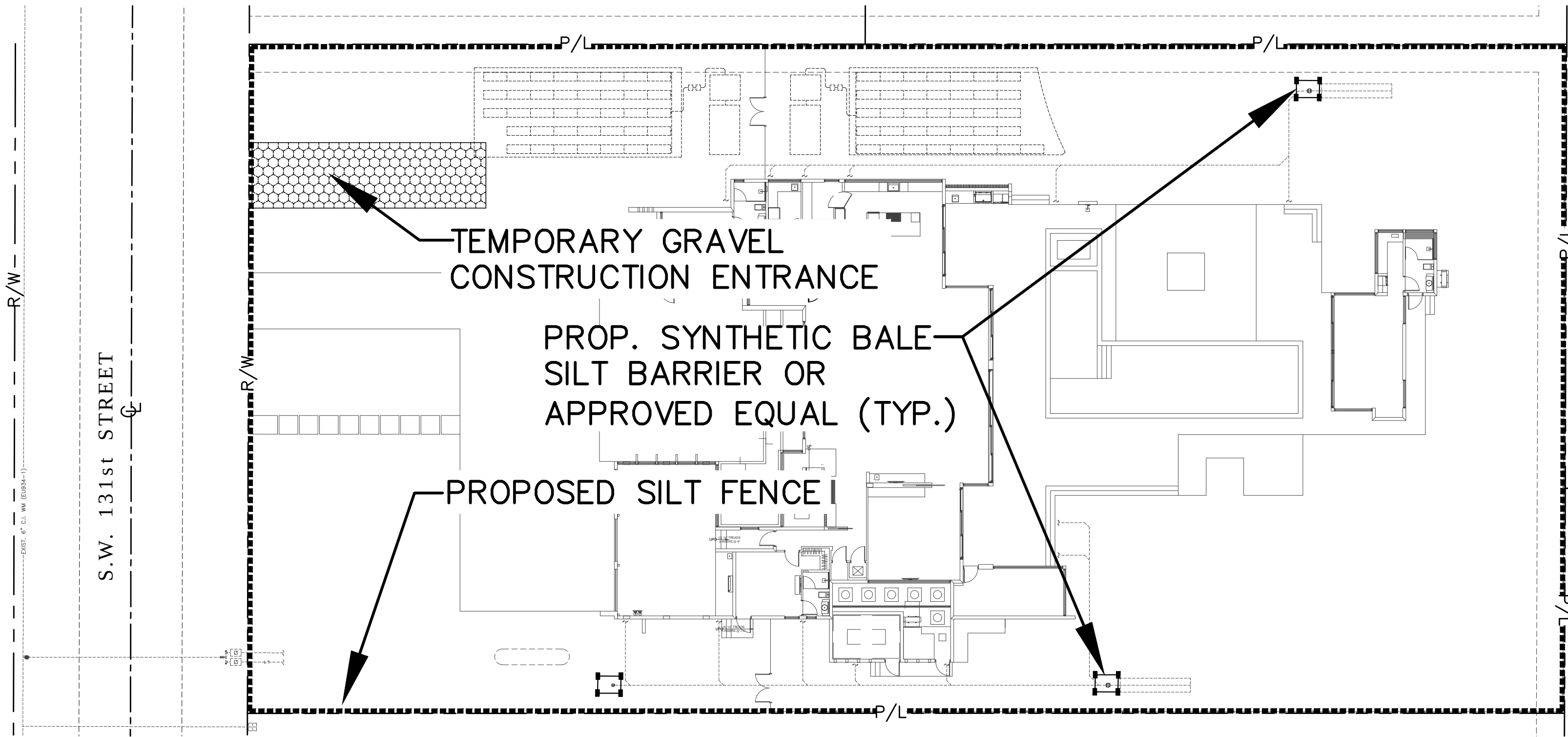




OVERALL PLAN

SCALE: 1" = 20'

LEGEND

- TYPE III SILT FENCE AS PER FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX NO. 102
- SYNTHETIC BALE BARRIER AROUND ALL PROPOSED INLETS AS PER FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX NO. 102

NOTES FOR SYNTHETIC BALES OF BALE TYPE BARRIERS

- TYPE 1 AND 2 SYNTHETIC BARRIER SHOULD BE SPACED IN ACCORDANCE WITH CHART 1, SHEET 1 PER INDEX 102 OF THE 2010 FDOT DESIGN STANDARDS.
- BALES SHALL BE ANCHORED WITH 2-1" x 2" (FOR 1" DIA.) x 4" WOOD STAKES. STAKES OF OTHER MATERIAL OR SHAPE PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER. STAKES OTHER THAN WOOD SHALL BE REMOVED UPON COMPLETION OF THE PROJECT.
- RAILS AND POSTS SHALL BE 2" x 4" WOOD. OTHER MATERIALS PROVIDING EQUIVALENT STRENGTH MAY BE USED IF APPROVED BY THE ENGINEER.
- ADJACENT BALES SHALL BE BUTTED FIRMLY TOGETHER.
- WHERE USED IN CONJUNCTION WITH SILT FENCE, BALES SHALL BE PLACED ON THE UPSTREAM SIDE OF THE FENCE.

MAINTENANCE REPORT SAMPLE FORM

STORMWATER POLLUTION PREVENTION PLAN INSPECTION AND MAINTENANCE REPORT FORM (Required for all projects one (1) acre or larger)

PROJECT:

This form is to be completed every seven (7) days and within twenty-four (24) hours of a rainfall event of 0.50 inches or greater. Copies of these forms shall be retained for a period of at least three (3) years.

Contractor: _____ Date: _____
Contractor's Representative: _____
Owner's Representative: _____
Emergency Phone Number: _____
Days since last rainfall: _____ Amount this period: _____

SEDIMENTATION AND EROSION CONTROLS

Temporary Stabilization Controls: _____

Permanent Stabilization Controls: _____

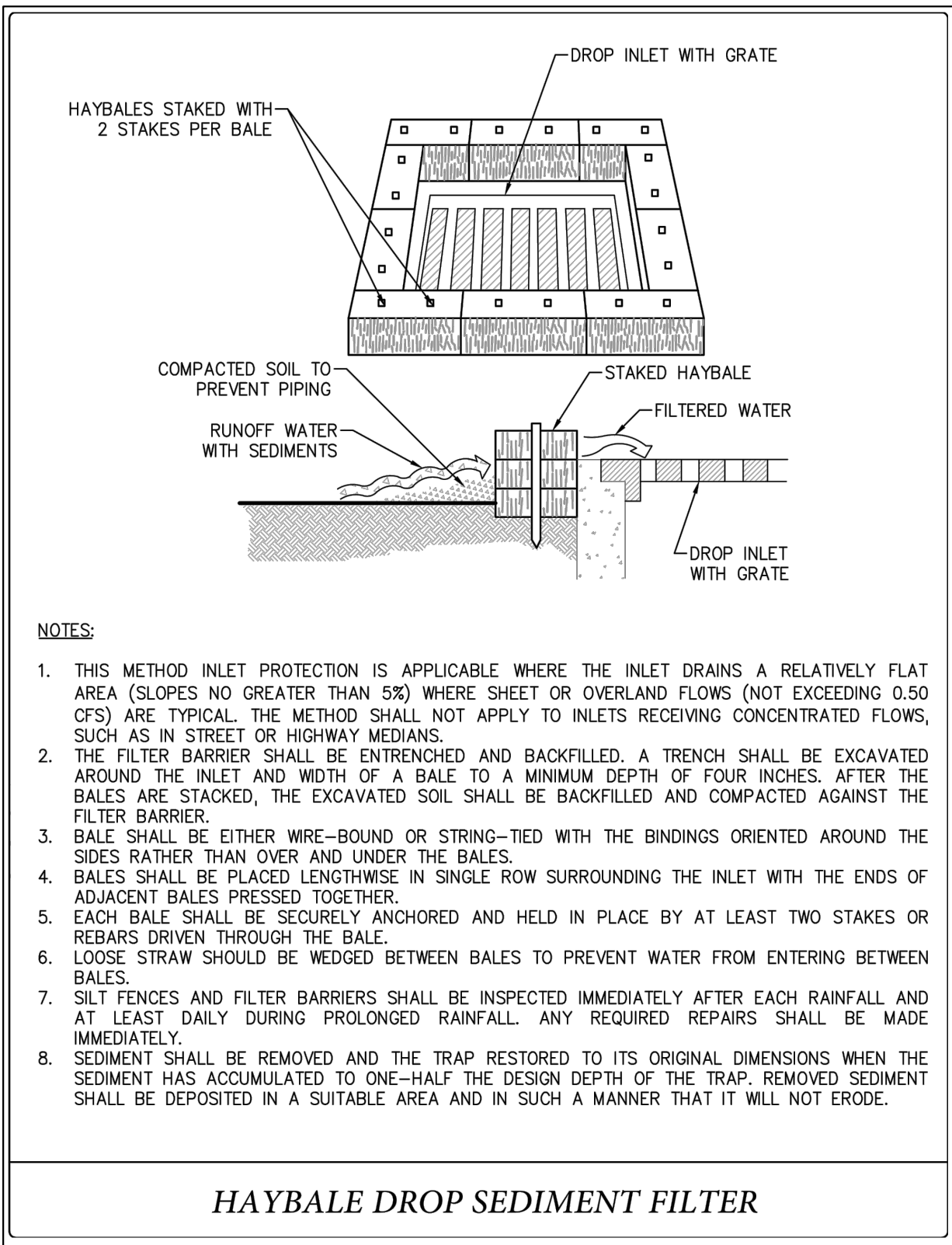
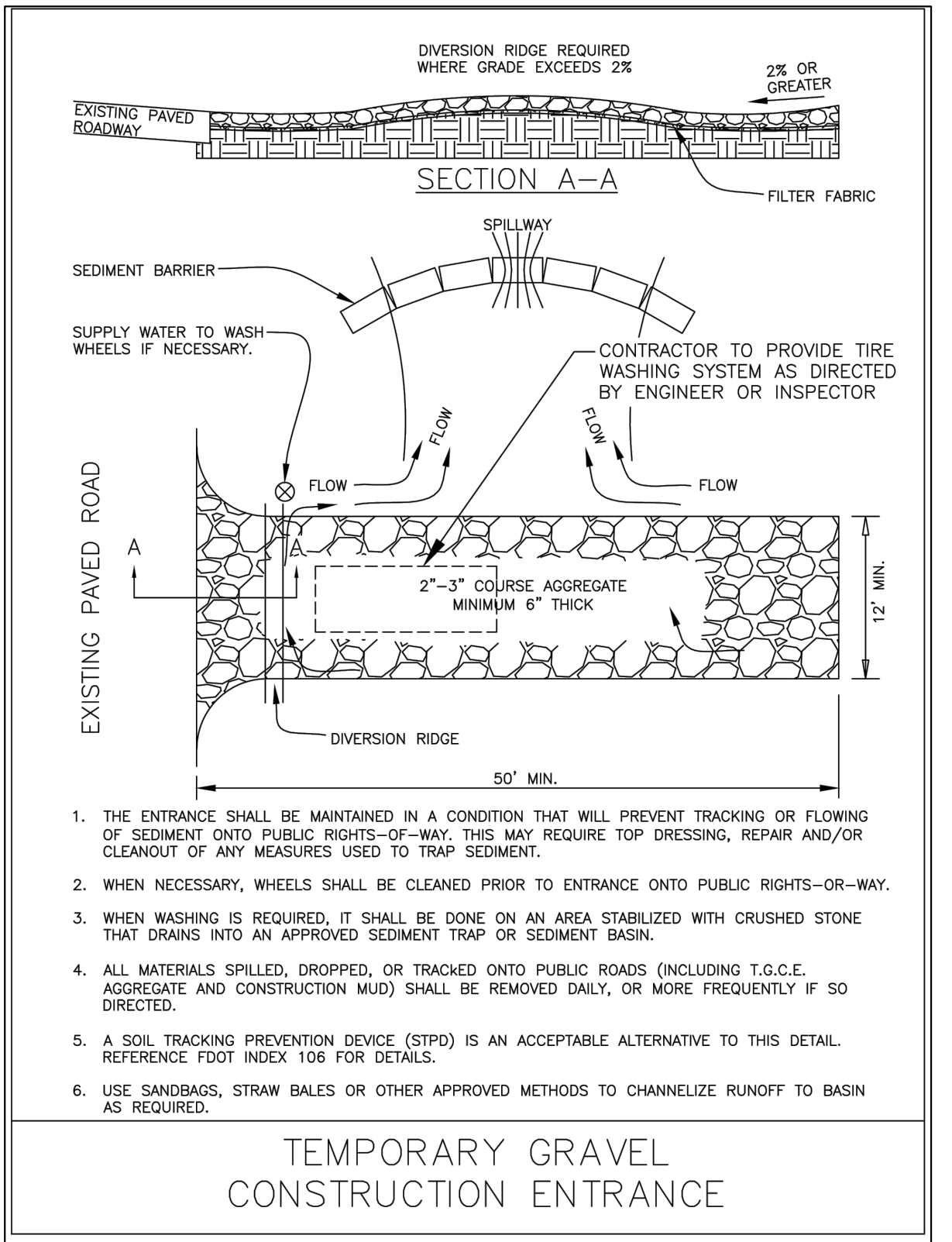
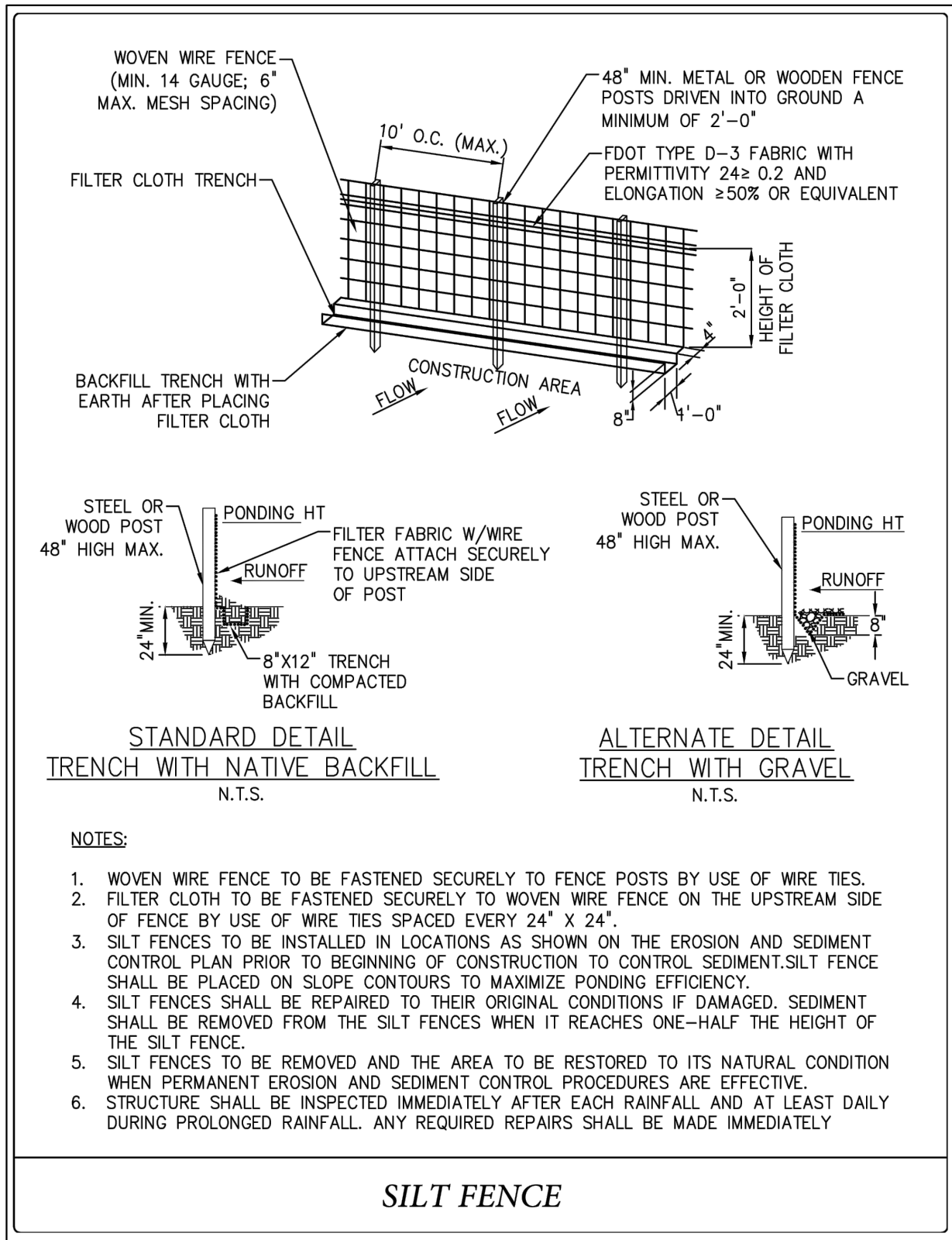
Inlet Protection: _____

Outfall Protection: _____

Silt Fences: _____

Other: _____

Corrective Measures Taken Since Last Report: _____



GENERAL NOTES

AT LEAST TWO DAYS PRIOR TO BEGIN CONSTRUCTION, THE CONTRACTOR SHALL ISSUE A NOTICE OF INTENT (N.O.I.) TO THE FLORIDA DEP, IN COMPLIANCE WITH THE TERMS AND CONDITIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT.

A COPY OF THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND THE NOTICE OF INTENT (N.O.I.) SHALL BE POSTED AT THE CONSTRUCTED SITE IN A PROMINENT PLACE FOR PUBLIC VIEWING.

CONTRACTOR SHALL COMPLY WITH ALL TERMS AND CONDITIONS OF THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT. IN PARTICULAR, SEDIMENT AND EROSION CONTROLS AND STORM WATER MANAGEMENT MEASURES SHALL BE STRICTLY FOLLOWED.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ALL EROSION, SEDIMENTATION AND STORM WATER MANAGEMENT MEASURES FOR THE DURATION OF THE PROJECT. ONCE THE PROJECT HAS BEEN COMPLETED, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY STORM WATER MANAGEMENT MEASURES AND SHALL DISPOSE THEM ACCORDING TO CODE.

EROSION AND SEDIMENTATION CONTROLS

1. CONTRACTOR SHALL INSTALL A TYPE III SILT FENCE, AS PER FDOT STANDARD INDEX NO. 102, AROUND THE LIMITS OF CONSTRUCTION PRIOR TO ANY DEMOLITION, FILLING OR GRADING OF ANY PORTIONS OF THE SITE.

2. PROPOSED INLETS, ONCE INSTALLED, SHALL BE PROTECTED FROM EROSION AND SEDIMENT RUNOFF BY THE USE OF HAY BALES AS PER FDOT STANDARD INDEX NO. 102.

3. A GRAVEL ACCESS ROAD SHALL BE CONSTRUCTED TO MINIMIZE THE EFFECTS OF TRUCK TRAFFIC AND SEDIMENTATION TRACKING BOTH ON AND OFF OF THE SITE.

4. TOP OF SOIL PILES AND DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY TEMPORARILY CEASES FOR AT LEAST 21 DAYS SHALL BE STABILIZED WITH SEED AND MULCH NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY IN THAT AREA. THE SEEDING SHALL BE RYE (GRAIN) APPLIED AT THE RATE OF 120 POUNDS PER ACRE. AFTER SEEDING, EACH AREA SHALL BE MULCHED WITH 4,000 POUNDS OF STRAW PER ACRE.

5. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES PERMANENTLY CEASES SHALL BE STABILIZED WITH PERMANENT SEED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY. SEEDING SHALL BE THE SAME AS IN TEMPORARY SEEDING.

OTHER CONTROLS

1. ALL CONSTRUCTION WASTE MATERIAL SHALL BE COLLECTED AND STORED IN A SECURELY METAL DUMPSTER RENTED FROM A LOCAL WASTE MANAGEMENT COMPANY. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURES FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES SHALL BE POSTED IN THE OFFICE TRAILER AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

2. ALL SANITARY WASTE SHALL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR, AS REQUIRED BY LOCAL REGULATIONS.

3. DUMP TRUCKS IMPORTING FILL MATERIALS TO THE SITE SHALL COVER THEIR LOADS WITH A TARPULIN TO AVOID UNNECESSARY GENERATION OF DUST.

4. ALL HAZARDOUS WASTE MATERIALS SHALL BE DISPOSED OF AS PER LOCAL AND/OR STATE REGULATIONS OR AS RECOMMENDED BY THE MANUFACTURER. SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES AND THE CONTRACTOR SHALL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED.

5. A STABILIZED CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE SHALL BE SWEEP DAILY TO REMOVE ANY EXCESS OF MUD, DIRT, OR ROCK TRACKED FROM THE SITE.

MAINTENANCE AND INSPECTION PROCEDURES

1. THE GENERAL CONTRACTOR'S SITE SUPERINTENDENT SHALL SELECT A INDIVIDUAL WHO WILL BE RESPONSIBLE FOR INSPECTIONS, MAINTENANCE AND REPAIR ACTIVITIES, AND FILLING OUT THE INSPECTION MAINTENANCE REPORT. PERSONNEL SELECTED FOR INSPECTION AND MAINTENANCE RESPONSIBILITIES SHALL RECEIVE PROPER TRAINING IN ALL THE INSPECTION AND MAINTENANCE PRACTICES NECESSARY FOR KEEPING EROSION AND SEDIMENT CONTROLS USED ONSITE IN GOOD WORKING ORDER.

2. ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE INSPECTED EVERY 7 DAYS OR WITHIN 24 HOURS OF A STORM OF 0.5 INCHES OR MORE IN DEPTH. ALL CONTROLS MUST BE IN GOOD OPERATING CONDITION UNTIL THE AREA THEY PROTECT HAS BEEN COMPLETELY STABILIZED AND THE CONSTRUCTION IS COMPLETE.

3. BUILT UP SEDIMENT WILL BE REMOVED FROM THE SILT FENCE WHEN IT HAS REACHED ONE THIRD OF THE HEIGHT OF THE FENCE.

4. SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT. TEARS, IF FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND IF FENCE POSTS ARE FIRMLY IN THE GROUND.

5. TEMPORARY AND PERMANENT SEEDING AND PLANTING SHALL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH.

6. THE INSPECTOR SHALL RECORD ANY DAMAGES OR DEFICIENCES IN THE CONTROL MEASURES ON AN INSPECTION REPORT FORM PROVIDED FOR THIS PURPOSE. THESE REPORTS SHALL DOCUMENT THE INSPECTION OF ALL POLLUTION PREVENTION MEASURES AND SHALL ALSO BE USED TO REQUEST MAINTENANCE AND REPAIR. THE CONTRACTOR SHALL CORRECT DAMAGE OR PROVIDE MAINTENANCE AS RECOMMENDED BY REPORT AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN 7 DAYS AFTER THE INSPECTION. FAILURE TO DO SO SHALL BE REPORTED TO THE DEP.

SEQUENCE OF MAJOR ACTIVITIES

1. INSTALL TYPE III SILT FENCE AT BOUNDARIES OF PROPOSED CONSTRUCTION.

2. COMMENCE SITE CONSTRUCTION ACTIVITIES.

3. AS PROPOSED INLETS ARE CONSTRUCTED, INSTALL HAY BALE SILT BARRIER.

4. INSTALL TEMPORARY SEED AND MULCH IN AREAS WHERE CONSTRUCTION TEMPORARILY CEASES FOR AT LEAST 21 DAYS NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITIES.

5. INSTALL PERMANENT SEEDING AND PLANTING IN AREAS WHERE CONSTRUCTION ACTIVITIES HAVE PERMANENTLY VEASED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITIES.

6. REMOVE ACCUMULATED SEDIMENT.

7. REMOVE TEMPORARY POLLUTION PREVENTION MEASURES AFTER ALL CONSTRUCTION ON SITE HAS BEEN COMPLETED AND DISPOSE OF ACCORDING TO CODE.

NATURE OF ACTIVITY

THE PROJECT CONSISTS OF CONSTRUCTION OF A NEW SINGLE FAMILY HOUSE.

THERE ARE NO NON-STORMWATER DISCHARGES ANTICIPATED.

FAO

ARCHITECTURE

457 LINCOLN ROAD
SUITE 605
MIAMI BEACH, FLORIDA 33139
P: 305.463.5353

SHEET PROJECT NO:

231226

CLIENT:

RONALDO FL2, LLC
1200 BISCAYNE BLVD.
MIAMI, FLORIDA 33181

REVISED:

CFS ENGINEERING GROUP, INC.
STRUCTURAL ENGINEER
185 NW 108TH STREET
MIAMI SHORES, FLORIDA 33166

ARPE ENGINEERING, LLC
MEP ENGINEERING
2020 PONCE DE LEON BLVD., SUITE 1002
CORAL GABLES, FLORIDA 33134

ALL LANDSCAPE DATA, INC.
LANDSCAPE ARCHITECT
4459 NW 97THCOURT
DORAL, FLORIDA 33178

NEW LEAF ENVIRONMENTAL, LLC
ISA CERTIFIED ARBORIST
87 SILVER SPRINGS DRIVE
KEY LARGO, FLORIDA 33037

TERRA CIVIL ENGINEERING, LLC
CIVIL ENGINEERING
4011 WEST FLAGLER ST., SUITE 404
MIAMI, FLORIDA 33134

CASA ROBLES 131
6545 SW 131 STREET PINECREST, FLORIDA 33156

SUBJECT DESCRIPTION:

SINGLE FAMILY RESIDENCE

TERRA CIVIL ENGINEERING, LLC
CIVIL ENGINEERING
4011 WEST FLAGLER ST.,
SUITE 404
MIAMI, FLORIDA 33134
CERT. OF AUTHORIZATION #27209

THIS PLAN HAS BEEN PREPARED BY A REGISTERED PROFESSIONAL ENGINEER OR ARCHITECT IN THE STATE OF FLORIDA. IT IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT TO THE PUBLIC TO SIGN AND SEAL THIS PLAN. ANY UNAUTHORIZED CHANGES TO THIS PLAN ARE NOT CONSIDERED. ANY CHANGES MUST BE APPROVED BY THE ENGINEER OR ARCHITECT.

MARCO A. OSORIO
LICENSE
No. 44090
STATE OF
FLORIDA
2024.06.04
18:53:56
-04'00'

CONSTRUCTION DOCUMENTS

DATE: JUNE 4, 2024

SHEET TITLE:
SURFACE WATER
POLLUTION
PREVENTION
PLAN

SHEET:

C-400