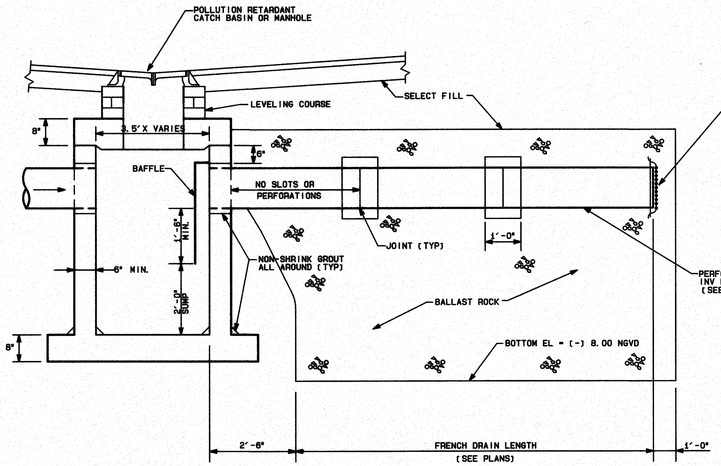
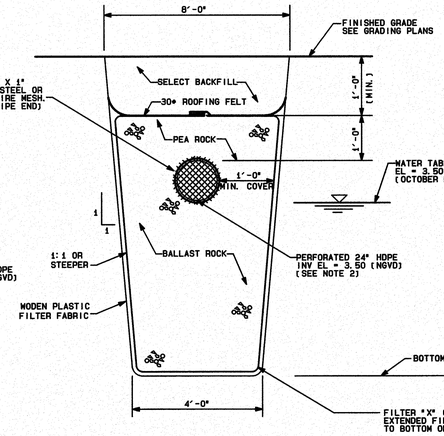
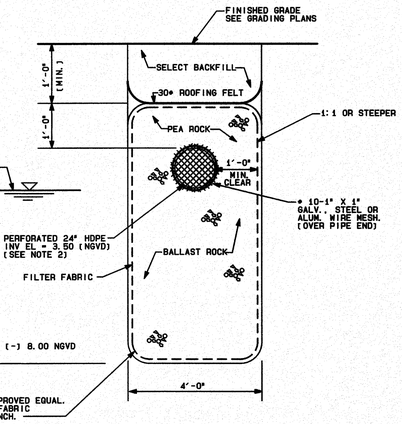


LONGITUDINAL SECTION
N. T. S.

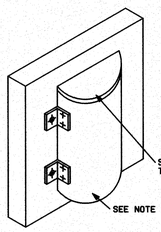


ALTERNATE CROSS-SECTION DETAIL
FOR SANDY SOIL CONDITION
N. T. S.

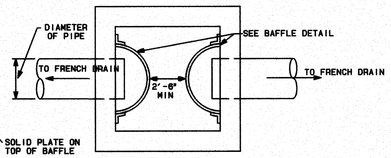


TRANSVERSE SECTION DETAIL
N. T. S.

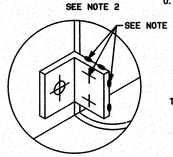
NOTE:
1. FRENCH DRAIN TO BE IN ACCORDANCE WITH DADE COUNTY STANDARD DETAILS SD-1.1 LATEST REVISION MARCH 12, 1992.
2. WOVEN PLASTIC FILTER FABRIC (AT EACH SIDE, TOP AND BOTTOM) SHALL BE USED IN SANDY OR FILLED AREAS.
3. WASH DOWN THE BALLAST ROCK WITH CLEAN WATER AFTER ROCK HAS BEEN PLACED TO THE PROPER ELEVATION TO ALLOW FOR INITIAL SETTLEMENT THAT MAY OCCUR. ADD ADDITIONAL BALLAST ROCK TO RESTORE ROCK TO THE PROPER ELEVATION IN ACCORDANCE WITH THE DETAILS.
4. FOR PERFORATED CMP PIPE JOINT ARE TO BE BANDED, BUT NOT GASKETED.
5. FOR BAFFLE DETAILS SEE THIS SHEET



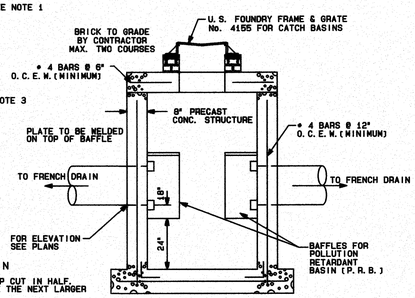
BAFFLE DETAIL



PLAN



BRACKET DETAIL



NOTES FOR P.R. CATCH BASIN
1) BAFFLE TO BE A SECTION OF CMP CUT IN HALF. CMP PIPE FOR BAFFLE SHALL BE THE NEXT LARGER PIPE SIZE THAN "D".
2) 1/2" GALVANIZED LAG BOLT IN LEAD SHIELD (TYP.)
3) WELD OR 2-1/2" THRU BOLTS (S.S.).
4) GRATING SHALL BE OFFSET IF STRUCTURE IS USED AS OVERFLOW.
5) MINIMUM SIZE OF CATCH BASIN PER SD 2.6 OR LARGER ONE BAFFLE (42"X42"), TWO BAFFLES (54"X54") SQUARE

POLLUTION RETARDANT CATCH BASING DETAIL
N. T. S.

DRAINAGE NOTES:

1. These plans have been prepared with the best information available to the Engineer. Contractor must verify all existing underground utilities prior to beginning of construction. If any discrepancies are encountered to the extent that a "field revision" is required, Engineer must be notified immediately.
2. It is the responsibility of the Contractor to protect all existing improvements during construction. If any damage occurs as a result of the construction activities, Contractor shall restore such improvements to identical line, grade, esthetical and structural conditions as they were prior to beginning of construction.
3. All elevations refer to National Geodetic Vertical Datum (N.G.V.D.), 1929.
4. Dade County Flood Criteria for this project is 7.0 (N.G.V.D.)
5. October High Water Elevation is 3.50 (N.G.V.D.).
6. All proposed elevations are to edge of pavement or driveway center line.
7. All French Drain perforated pipe shall be 15" diameter and shall have a minimum invert elevation of 3.50 (N.G.V.D.). (Unless otherwise noted).
8. French Drain bottom elevation shall be (-) 9.00 (N.G.V.D.).
9. The following items shall be constructed in accordance with the referenced details from the Dade County Public Works Manual:
   a. French Drain.....S.D.1.1
   b. Catch Basin.....S.D.2.6
   c. Catch Basin Frame and Grate.....S.D.2.3
   d. 2' Valley Gutter.....R.14.6
   e. P-6 Inlet.....SD 3.4
   f. Swale Inlet.....SD 3.1
10. Contractor must observe extreme care to prevent debris, silts and fines from entering French Drain. Inlet Grates shall remain covered with filter fabric during construction until the system is ready to enter in operation.
11. Contractor to verify soil conditions at site. If muck is encountered, contractor shall demuck area and fill to grade with minimum 98% density.
12. All areas not paved must be sodded.
13. All work to be done in accordance with Miami-Dade County Public Works Standard Details and Specifications.
14. All topographic and survey information is based on Sketches of Survey prepared by Royal Point Land Surveyors Inc.
15. Pipe requirements:
    French drain pipes shall be ADS Corrugated Polyethylene (Perforated). All other pipes shall be ADS N-12 Polyethylene Non-Perforated. (or approved equal).
16. Contractor shall provide a Paving and Drainage "AS-BUILT PLAN" certified by a Professional Registered Land Surveyor in the State of Florida reflecting all the features of the Stormwater System and should include, existin pavement and swale area grades, catch basin rim and invert elevations, french drain length and bottom elevation, etc.

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY RODOLFO J. VARGAS, PE 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.

STORM DRAINAGE DETAILS

FLAGLER 113 LLC
CIVIL ENGINEERING
8550 W. FLAGLER ST. SUITE 113, MIAMI, FLORIDA 33144
TEL. (305)551-6267 FAX (305)551-4542
e-mail: rudy@vsneng.com or leo@vsneng.com

MEDITERRANEA CENTRE II
A FLEX SPACE BUILDING
AT
8335 NW 56TH STREET
DORAL, FLORIDA

no	date	revision/issue

designed	L. SERRATE
drawn	N. SERRATE
checked	L. SERRATE
approved	R. VARGAS
proj no	40047-01
scale	AS SHOWN
date	MAY 30, 2024
cad ref	40047-15

RODOLFO J. VARGAS LICENSE No. 35648 STATE OF FLORIDA PROFESSIONAL ENGINEER
3/5/24
RODOLFO J. VARGAS
PE • 35648

drawing
C-4