

- ### DEWATERING NOTES
1. THE CONTRACTOR SHALL ABIDE BY ALL APPLICABLE REQUIREMENTS AND CONDITIONS OF THE SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD) PERMIT(S) AND HAVE A COPY OF THE PERMIT(S) ON SITE. IF IT IS NECESSARY FOR GROUNDWATER DEWATERING TO DISCHARGE OFFSITE, THEN THE CONTRACTOR SHALL OBTAIN ALL APPLICABLE PERMITTING FROM THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP). THE CONTRACTOR SHALL BEAR ALL RESPONSIBILITY AND COSTS FOR OBTAINING AND / OR MODIFYING ALL APPLICABLE PERMITTING FOR THE DISCHARGE OF GROUNDWATER DEWATERING AND FOR COMPLYING WITH ALL SWFWMD AND FDEP PERMITTING CONDITIONS.
 2. DEWATERING WILL OCCUR, AS REQUIRED, FOR ALL EXCAVATION ACTIVITY INCLUDING, BUT NOT LIMITED TO, STORM SEWERS, SANITARY SEWERS, WATER LINES AND OTHER UTILITIES.
 3. ALL CONSTRUCTION DEWATERING SHALL BE CONTAINED ONSITE, AT SPECIFIED LOCATIONS, AND ALLOWED TO INFILTRATE THE SOIL, UNLESS FDEP PERMITTING IS OBTAINED FOR OFFSITE DISCHARGE. ALL DEWATERING GROUNDWATER DISCHARGE SHALL BE ROUTED THROUGH A TEMPORARY SEDIMENT SUMP PRIOR TO DISCHARGE TO WETLANDS, OTHER SURFACE WATER, OR OFFSITE. THE GENERAL PROCESS OF THE DEWATERING SYSTEM, IF DEPICTED HEREIN, SHALL BE ADHERED TO DURING CONSTRUCTION. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL APPLICABLE APPROVALS FOR ANY MODIFICATIONS PROPOSED.
 4. SILT FENCE SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, TEARS TO INSURE IF THE FABRIC IS SECURELY ATTACHED TO THE FENCE POSTS, AND TO INSURE THAT THE FENCE POSTS ARE INSTALLED FIRMLY IN THE GROUND.
 5. SILTATION ACCUMULATIONS GREATER THAN THE LESSER OF 12 INCHES OR ONE-HALF OF THE DEPTH OF THE SILTATION CONTROL BARRIER OR CONTROL DEVICES SHALL BE IMMEDIATELY REMOVED AND PLACED IN UPLAND AREAS. ALL SILTATION BARRIERS SHALL THEN BE RESTORED TO THEIR ORIGINAL CONDITIONS.
 6. THE SEDIMENT BASIN SHALL BE INSPECTED FOR DEPTH OF SEDIMENT, AND BUILT-UP SEDIMENT WILL BE REMOVED WHEN IT REACHES 10 PERCENT OF THE DESIGN CAPACITY OR AT THE END OF THE JOB, WHICHEVER COMES FIRST.
 7. DIVERSION DIKE, IF REQUIRED, SHALL BE INSPECTED AND ANY BREACHES PROMPTLY REPAIRED.
 8. ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE INITIATED WITHIN 24 HOURS OF REPORT.
 9. ALL EFFORTS MUST BE UNDERTAKEN TO PREVENT ANY EROSION OR TURBID WATER FROM BEING DISCHARGED INTO WETLANDS AND / OR OTHER SURFACE WATERS. TURBID DISCHARGES THAT EXCEED 50 JTUS (JACKSON TURBIDITY UNITS) OR 29 NTUS (NEPHELOMETRIC TURBIDITY UNITS) ABOVE BACKGROUND LEVELS ARE NOT ALLOWED. HAY BALES, SILT SCREENS OR OTHER APPROVED METHODS OR EROSION / TURBIDITY CONTROL MAY BE REQUIRED. IT IS THE RESPONSIBILITY OF THE OWNER / DEVELOPER TO INSURE THE INSTALLATION OF ADEQUATE EROSION CONTROL BARRIERS PRIOR TO THE COMMENCEMENT OF ANY SITE WORK. THESE EROSION CONTROL DEVICES MUST BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE CONSTRUCTION PROCESS, AND UNTIL ALL LOOSE SOIL HAS BEEN STABILIZED, IT IS STRONGLY RECOMMENDED THAT ALL EROSION CONTROL DEVICES BE REGULARLY INSPECTED DURING CONSTRUCTION AND MODIFIED IF CONDITIONS WARRANT.

FEMA NOTE

THIS PROJECT IS LOCATED WITHIN FLOOD ZONE "X" PER FLOOD INSURANCE RATE MAP NO. 12105C480G, COMMUNITY NO. 120267, PANEL 0465G, EFFECTIVE DATE DECEMBER 22, 2016.

PUMPING GUIDELINES FOR DEWATERING SUMP SIZING

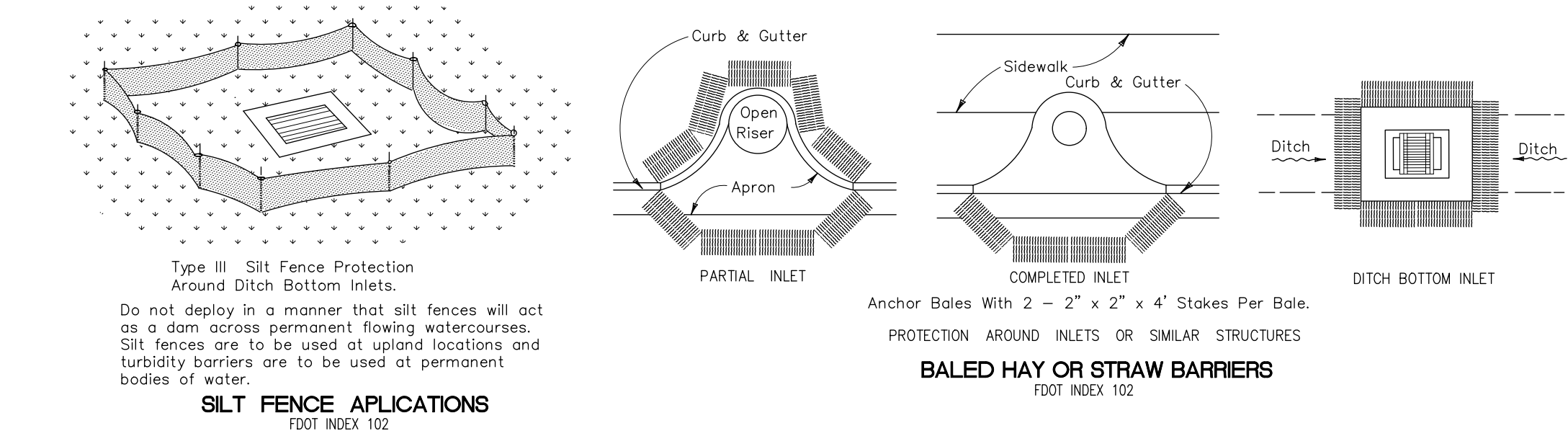
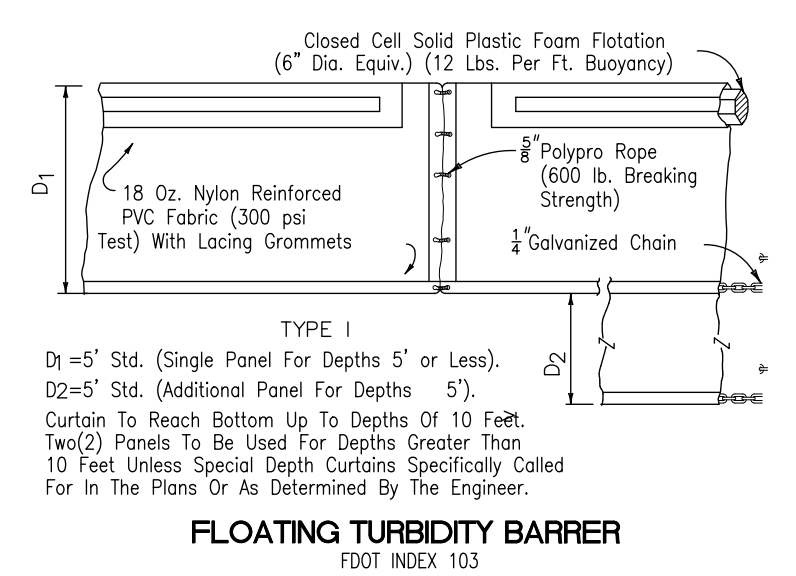
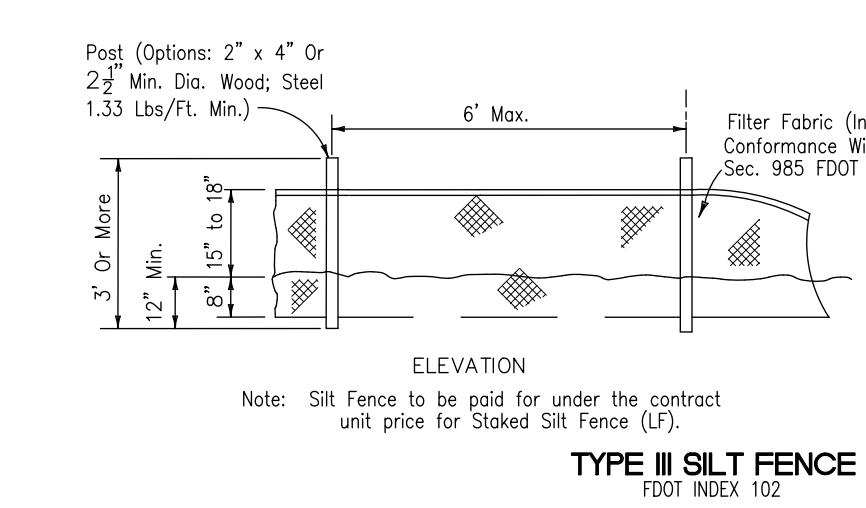
(Taken from DEP-WMD - AH Volume 1 Design Aids)

Pumping Capacity		H	L	W	A	V
cfs	gpm	min. depth ft	min. length ft	min. width ft	area sq ft	volume cu ft
0.56	250	1.0	23.5	1.1	24.7	24.7
		1.5	35.2	0.7	24.7	37.1
		2.0	46.9	0.5	24.7	49.5
		2.5	58.6	0.4	24.7	61.8
1.11	500	1.0	23.5	2.1	49.5	49.5
		1.5	35.2	1.4	49.5	74.2
		2.0	46.9	1.1	49.5	98.9
		2.5	58.6	0.8	49.5	123.7
2.23	1000	1.0	23.5	4.2	98.9	98.9
		1.5	35.2	2.8	98.9	148.4
		2.0	46.9	2.1	98.9	197.9
		2.5	58.6	1.7	98.9	247.3
5.00	2244	1.0	23.5	9.5	222.0	222.0
		1.5	35.2	6.3	222.0	333.0
		2.0	46.9	4.7	222.0	444.0
		2.5	58.6	3.8	222.0	555.0
10.00	4488	1.0	23.5	18.9	444.0	444.0
		1.5	35.2	12.6	444.0	666.0
		2.0	46.9	9.5	444.0	888.1
		2.5	58.6	7.6	444.0	1110.1
		1.0	23.5	3.2	222.0	666.0
		1.5	35.2	2.1	222.0	333.0
		2.0	46.9	1.6	222.0	222.0
		2.5	58.6	1.2	222.0	166.5

LEGEND

--- 14 ---	BOUNDARY/PROPERTY LINE		EXISTING SIDEWALK AND/OR CONCRETE SIDEWALK
.....	EXISTING CONTOUR		CONTINUOUS EROSION CONTROL
▲ 61.15	EXISTING SPOT ELEVATION		FLOATING TURBIDITY BARRIER
▲ 62.35	PROPOSED SPOT ELEVATION		ARMY CORPS OF ENGINEERS SURFACE WATER LINE
→	PROPOSED SURFACE WATER FLOW DIRECTION		SURFACE WATER AREA
---	STORM SEWER		SURFACE WATER IMPACT AREA
●	CURB INLET	X -2.3	IMPACT CUT SPOT ELEVATION
●	STORM MANHOLE	X 6.5	IMPACT FILL SPOT ELEVATION
▭	FLARED/MITERED END SECTION		
▭	CONTROL STRUCTURE		
▭	GRATE INLET		
▭	RIP-RAP		
○	ROOF DRAIN CLEAN OUT		
▭	PROPOSED ASPHALT PAVEMENT		
▭	PROPOSED SIDEWALK AND/OR CONCRETE PAVEMENT		

NOTE: PROPOSED PIPES & STRUCTURES ARE SHOWN HEAVY. EXISTING PIPES & STRUCTURES ARE SHOWN LIGHT.



E. Everett Morrow,
State of Florida,
Professional
Engineer, License
No. 30693;
This item has been
digitally signed and
sealed by E. Everett
Morrow on the date
indicated here.
Signature must be
verified on any
electronic copies.

REVISIONS

DATE	DESCRIPTION	BY	CHKD BY
2025-05-05		JEF	EEH

DATE: 2025-05-05
DRAWN BY: JEF
CHECKED BY: EEH
JOB NO.: 2230060

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DEWATERING PLAN

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