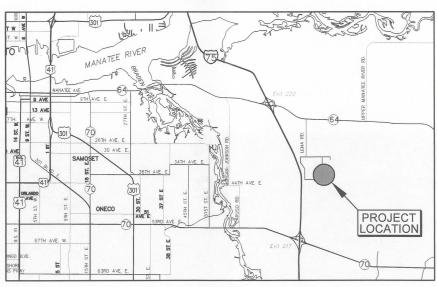
CONTRACT DRAWINGS

SOUTHEAST WATER RECLAMATION FACILITY (SEWRF) DEDICATED REJECT LINE

MANATEE COUNTY, FLORIDA

COUNTY PROJECT No. 6083680





LOCATION MAP

3331 LENA ROAD BRADENTON, FLORIDA 34206 SECTION 1, TOWNSHIP 35-S, RANGE 18-E PARCEL: 567110051

PLANS PREPARED BY





ENGINEERING TECHNOLOGIES, INC.

SANFORD, FLORIDA 32771 PHONE: (407) 322-0500 FAX: (407) 322-0023

Al	PROJECT NO
Always call 811 two full business days before you dig	00193-0
~	DATE:
Sunshine & Licon	NOVEMBE
	SHEET NO:
	G-

00193-009-01

NOVEMBER 2013

STRUCTURAL PLANS PREPARED BY:

SHEET NO.

G-2

G-3

G-4

G-5

C-3

C-4

C-5 C-6 STRUCTURAL S-1

ELECTRICAL E-1

E-2 E-3

E-4

E-5

1-1

1-2

1-3

INSTRUMENTATION

SITE CIVIL C-1

GENERAL G-1

SHEET INDEX

COVER SHEET

GENERAL NOTES

YARD PIPING (1) YARD PIPING (2)

YARD PIPING (3)

PIPE SUPPORTS

PROFILE SHEET (1) PROFILE SHEET (2)

LEGEND AND ABBREVIATIONS

EROSION CONTROL DETAILS AND NOTES

ELECTRICAL LEGEND AND ABBREVIATIONS

MAIN ELECTRICAL BUILDING FLOOR PLAN AND DETAILS

SCADA PANEL 1 ELEVATION AND WIRING SCHEMATICS

EXISTING FIBER OPTIC TOPOLOGY AND PLC CONFIGURATIONS

MOTOR OPERATED VALVE ELECTRICAL DETAILS

DUCTBANK SECTIONS AND ELECTRICAL DETAILS

INSTRUMENTATION AND CONTROLS LEGEND

OVERALL PROJECT AREA AND SHEET LAYOUT KEY

SHEET TITLE

PROJEC^{*}

VICINITY

VICINITY MAP

GENERAL NOTES

- 1. MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT SHALL BE NEW AND CONFORM TO THE MANATEE COUNTY DEPARTMENT OF PUBLIC WORKS UTILITIES DEPARTMENT AND THE LATEST LOCAL JURISDICTION STANDARDS, UNI ESS OTHERWISE NOTED
- WHERE REFERENCED STANDARDS CONFLICT, OR WHERE THERE ARE DISCREPANCIES BETWEEN THE PROJECT MANUAL (TECH SPECS) AND CONTRACT DRAWINGS, THE MORE STRINGENT STANDARD SHALL
- 3. THE CONTRACTOR SHALL CALL "SUNSHINE STATE ONE CALL 811" A MINIMUM OF 2-DAYS AND A MAXIMUM OF 5-DAYS PRIOR TO START OF CONSTRUCTION.
- THE CONTRACTOR SHALL CONTACT THE ENGINEER OF RECORD AT (727) 639-5567 IMMEDIATELY ON ANY CONFLICTS ARISING DURING CONSTRUCTION.
- ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
- 6. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CONSTRUCTION SAFETY. SPECIAL PRECAUTIONS MAY BE REQUIRED IN THE VICINITY OF POWER LINES AND OTHER UTILITIES.
- 7. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND THE TRANSPORTATION OF SEDIMENT TO SURFACE DRAINS AND OUTFALLS.
- 8. ALL SECTION CORNERS OR PROPERTY CORNERS DISLOCATED OR DISTURBED BY THE CONSTRUCTION ACTIVITIES SHALL BE RESET BY A REGISTERED LAND SURVEYOR AT THE CONTRACTORS EXPENSE
- 9. UNLESS SHOWN OTHERWISE, FINAL GRADE IS TO GENERALLY BE THE SAME AS EXISTING GRADE. ALL DISTURBED LANDSCAPED AND/OR GRASSED AREAS SHALL BE RESTORED IN-KIND.
- 10. ALL SODDING, SEEDING AND MULCHING SHALL INCLUDE WATERING AND FERTILIZATION AND CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS UP TO AND INCLUDING THE INITIAL MOWING.
- 11. ALL VOIDS AFTER PLACEMENT OF SOD SHALL BE FILLED WITH PREPARED SOIL MIX. THE SOD SHALL BE ROLLED TO MEET THE PROPOSED GRADES, SOD PLACED ON SLOPES (3:1 OR STEEPER) SHALL BE
- 12. ALL EXCESS SOIL RESULTING FROM CONSTRUCTION ACTIVITIES THAT IS NOT CLAIMED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND PROPERLY DISPOSED OF OFFSITE BY THE
- 13. AREAS OF EXPOSED EARTH RESULTING FROM CONSTRUCTION SHALL BE SODDED IN KIND UNLESS OTHERWISE NOTED ON PLANS.
- 14. THE LOWEST PIPE SHALL BE INSTALLED FIRST WHERE UTILITIES CROSS.
- 15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TESTING OF ALL MAINS IN ACCORDANCE WITH CURRENT STANDARDS OF LOCAL JURISDICTION. CONTRACTOR SHALL NOTIFY THE LOCAL JURISDICTION AND THE OWNER OR HIS AUTHORIZED REPRESENTATIVE AT LEAST 48 HOURS IN ADVANCE OF PERFORMING TESTS.
- 16. THE CONTRACTOR SHALL PROVIDE ALL SHEETING SHORING AND BRACING REQUIRED TO PROTECT ADJACENT STRUCTURES AND TO MINIMIZE TRENCH WIDTH. WHERE A SEPARATE PAY ITEM IS NOT PROVIDED, THE COST OF ALL SHEETING AND BRACING REQUIRED SHALL BE INCLUDED IN THE CONTRACT PRICE FOR THE ITEM OF WORK FOR WHICH SHEETING, SHORING AND BRACING IS ANTICIPATED TO BE REQUIRED IN ACCORDANCE WITH "TRENCH SAFETY ACT"
- 17. ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 3,000 PSI (28 DAY STRENGTH), UNLESS OTHERWISE NOTED ON DRAWINGS. ACCESS DRIVES SHALL MEET H - 20 TRAFFIC LOADING REQUIREMENTS
- 18. LOCATIONS, ELEVATIONS AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF THE PREPARATION OF THESE PLANS, BUT DO NOT PURPORT TO BE ABSOLUTELY CORRECT. THE CONTRACTOR SHALL VERIFY THE LOCATION, ELEVATIONS AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING HIS WORK PRIOR TO CONSTRUCTION.
- 19. THE CONTRACTOR SHALL VERIFY IN THE FIELD THE LOCATION AND ELEVATION OF ALL EXISTING UTILITY CONNECTION POINTS PRIOR TO STARTING CONSTRUCTION AND SHALL IMMEDIATELY NOTIFY THE ENGINEER AND OWNER OF ANY DISCREPANCIES FOUND.
- 20. ALL POTABLE, FIRE AND IRRIGATION SYSTEM COMPONENTS SHALL REMAIN OPERATIONAL DURING CONSTRUCTION. THE CONTRACTOR SHALL REPAIR ANY DAMAGE TO THESE SYSTEMS IMMEDIATELY.
- 21. THE CONTRACTOR SHALL ENSURE THAT EXCAVATIONS ARE FREE OF DEBRIS AND ORGANIC MATERIAL PRIOR TO BACKFILLING.
- 22. THE CONTRACTOR SHALL NOT ENTER OR OCCUPY ANY LAND OUTSIDE THE RIGHTS-OF-WAY OR PRIVATE PROPERTY WITHOUT THE WRITTEN CONSENT OF THE PROPERTY OWNER.

- 23. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A NPDES NOI PERMIT FROM EPA, AS WELL AS PREPARING AND MAINTAINING A STORMWATER POLLUTION PREVENTION PLAN FOR BOTH ON-SITE AND OFF-SITE IMPROVEMENTS. THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND COMPLY WITH ALL REQUIREMENTS OF THE EPA NPDES PERMIT FOR THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY STORMWATER DISCHARGE PERMIT AND/OR DEWATERING PLAN, AND SHALL BE RESPONSIBLE TO COMPLY WITH ALL CONDITIONS SET FORTH IN THE PERMIT.
- 24. THE CONTRACTOR SHALL TAKE ALL REASONABLE MEANS TO ELIMINATE THE TRANSPORT OF DUST FROM THE PROJECT SITE. SPECIAL MEASURES, SUCH AS PERIODICALLY APPLYING WATER TO THE WORK SITE TO PREVENT DUST SHALL BE INCORPORATED INTO THE CONTRACTORS WORK PLAN.
- 25. MAINTAIN ACCESS TO AND OPERATION OF ALL EXISTING PLANT OPERATIONS UNTIL NEW OPERATIONS HAVE BEEN ACCEPTED BY OWNER AND ENGINEER.
- 26. SURVEY PREPARED BY

HYATT SURVEY SERVICES INC. 11007 8TH AVENUE EAST, BRADENTON, FLORIDA 34212 (941) 748.4693

27. GEOTECHNICAL INVESTIGATION PREPARED BY: MC SQUARED, INC. (MC2) 5808-A BRECKENRIDGE PARKWAY, TAMPA, FLORIDA 33610 (813) 623.3399

- 28. VERTICAL AND HORIZONTAL CLEARANCES FOR WATER, SEWER, FORCE MAIN, AND RECLAIMED WATER MAINS SHALL MEET EDEP MINIMUM SEPARATION
- 29. ALL PLANT SERVICE WATER SPIGOTS (HOSE BIBS, IRRIGATION SYSTEM) SHALL HAVE APPROPRIATE SAFFTY PLACARDS.
- 30. UNLESS OTHERWISE NOTES, ALL STAINLESS STEEL SHALL BE TYPE 316L.
- 31. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SAFEKEEPING OF EQUIPMENT AND MATERIALS LEFT ON-SITE DURING CONSTRUCTION
- 32. PIPE DEFLECTION AT THE JOINTS SHALL NOT EXCEED 75% OF MANUFACTURER'S RECOMMENDATION.
- 33. ALL PIPE SHALL BE INSTALL AT A MINIMUM OF 3-FOOT OF COVER AND MAINTAIN CONSISTENT SLOPE
- 34. THE CONTRACTOR SHALL EXCAVATE TO CONFIRM THE LOCATIONS OF EXISTING UTILITIES ADJACENT TO OR CROSSING PROPOSED LINEWORK BEFORE STARTING CONSTRUCTION.
- 35. ALL BELOW GROUND DUCTILE IRON PIPE SHALL BE ENCASED IN A POLYETHYLENE WRAP IN ACCORDANCE WITH AWWA C105.
- 36. ALL EXISTING FENCE DISTURBED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED AND REINSTALLED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER UNLESS SHOWN TO BE REMOVED ON CONSTRUCTION PLANS.
- 37. OTHER CONSTRUCTION PROJECTS MAY BE ONGOING AT THE FACILITY DURING THE TIME OF THIS PROJECT. THE CONTRACTOR SHALL COOPERATE WITH OTHER CONTRACTORS THAT MAY BE ON SITE. THE CONTRACTOR SHALL COORDINATE ALL WORK THROUGH THE PLANT SUPERINTENDENT.
- 38. THE CONTRACTOR SHALL RECEIVE A DESIGNATED AREA FOR STORAGE OF MATERIALS. THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR THE SECURITY AND SAFEKEEPING OF CONTRACTOR'S OWN TOOLS AND PROJECT MATERIALS STORED ON SITE.
- 39. THE CONTRACTOR SHALL MAINTAIN ON-SITE ONE FULL-SIZE SET OF CONTRACT DRAWINGS RED-LINED TO DOCLIMENT CONFIRMATION OF ALL PROPOSED WORK AND ANY DEVIATIONS FROM PROPOSED WORK THESE RED-LINED DRAWINGS SHALL BE MADE AVAILABLE TO OWNER AND ENGINEER UPON REQUEST
- 40. THE CONTRACTOR SHALL PROVIDE CERTIFIED "AS-BUILT" DRAWINGS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR, THE RECORD DRAWINGS SHALL SHOW CONFIRMATION OF ALL PROPOSED WORK AND ANY DEVIATIONS FROM THE PROPOSED WORK. THE CONTRACTOR SHALL PROVIDE FIVE HARD COPIES AND ONE ELECTRONIC AUTOCAD COPY OF THE "AS-BUILT" DRAWINGS TO THE ENGINEER.

SURVEY NOTES

- 1. THIS IS NOT A BOUNDARY SURVEY.
- THIS SURVEY IS REFERENCED TO A PROJECTION OF THE FLORIDA STATE PLANE COORDINATE SYSTEM (WEST ZONE NAD 1983/2007 ADJUSTMENT).
- ALL FLEVATIONS REFER TO NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD 29).
- THE FOLLOWING BENCHMARK WAS RECOVERED AND UTILIZED FOR THIS SURVEY: RAILROAD SPIKE IN THE NE SIDE OF A POWER POLE WITH A PK NAIL AND MANATEE COUNTY BM DISK ABOVE IT, 45'± WEST OF SW CORNER PHASE 1 LENA LANDFILL (NGVD 1929 ELEVATION 38.671'). FOR CONVERSION TO NAVD 1988 ELEVATIONS, A VALUE OF (-0.96') SHOULD BE APPLIED. THIS VALUE WAS DERIVED USING CORPSCON 6 AND IS APPROXIMATE.
- SITE LIES WITHIN FLOOD ZONES "A" AND "X" AS SCALED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP: COMMUNITY PANEL NUMBER 120153 0352 C DATED JULY 15, 1992. SUBJECT TO FIELD VERIFICATION.
- THIS SURVEY IS SUBJECT TO PERTINENT EASEMENTS, RIGHTS-OF-WAY AND RESTRICTIONS OF RECORD,
- THIS SURVEY DRAWING WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTY OR PARTIES CERTIFIED TO BELOW FOR THE EXPRESS PURPOSE STATED HEREON AND/OR CONTAINED IN THE CONTRACT BETWEEN HYATT SURVEY SERVICES, INC. AND THE CLIENT FOR THIS PROJECT, COPYING, DISTRIBUTING AND/OR USING THIS DRAWING IN WHOLE OR IN PART FOR ANY PURPOSE OTHER THAN ORIGINALLY INTENDED WITHOUT WRITTEN CONSENT FROM HYATT SURVEY SERVICES, INC. IS STRICTLY PROHIBITED AND RENDERS THE SURVEYOR'S CERTIFICATION, SIGNATURE AND SEAL NULL AND VOID. ANY QUESTIONS CONCERNING THE CONTENT OR PURPOSE OF THIS DRAWING SHOULD BE DIRECTED TO HYATT SURVEY

HORIZONTAL/VERTICAL CONTROL

DESIGNATION (SEE PLAN)	NORTHING	EASTING	ELEVATION
BM # 200 (PKND LB 7203)	1139596.539	510507.125	37.66'
BM # 204 (PKND LB 7203)	1139279.956	510481.022	35.81'
BM # 208 (PKND LB 7203)	1139366.878	511102.444	37.17'

SEWRF DEDICATED REJECT LINE





DRAWN APPROVED DATE

GENERAL NOTES

00193-009-01 ATE:

SHEET NO

NOVEMBER 2013

G-2

DESCRIPTION BY DATE SIGENERAL NOTES dwg LAST SAVED: Fri. 10/11/13-8:17a PLOTTED: Fr

GENERAL ABBREVIATIONS

@	AT	JT.	JOINT
AC AC	ACRES ASPHALTIC CONCRETE	LG. LN.	LONG LANE
ABD	ASPHALTIC CONCRETE ABANDONED	LN. LP	LIGHT POLE
AL./ALUM.	ALUMINUM	MAX.	
ANCH.	ANCHOR		MAXIMUM
APPROX.	APPROXIMATE	MB	MAILBOX
AVE.		MCC	MOTOR CONTROL CENTER
BLDG.	AVENUE BUILDING	MES	MITERED END SECTION
BLVD.	BOULEVARD	MON. NG	MONUMENT NATURAL GROUND
BLVD.	BENCHMARK		NOT TO SCALE
BOT./BOTT.	BOTTOM	N.T.S. NO.	NUMBER
C	CHANNEL	Ø.	DIAMETER/PHASE
C.	CONDUIT	OPNG.	OPENING
C.B.			
CHKR	CATCH BASIN CHECKERED	PKND	PK NAIL W/ DISK
CIR.	CIRCLE	PLCS.	PLACES
CLF.	CHAIN LINK FENCE	POT	POTABLE
	CENTERLINE	PP	POWER POLE
© CMP	CORRUGATED METAL PIPE	PROP.	PROPOSED
COL.	COLUMN	P.V.	PLUG VALVE
CONN.		PVMT	PAVEMENT
CONG.	CONNECTOR/CONNECTION CONCRETE	R.	RADIUS/RISER/RELAY
		RCP	REINFORCED CONCRETE PIPE
CU. D.	COPPER	REF.	REFERENCE
DBI.	DEEP/DRAIN DOUBLE	REINF.	REINFORCED/REINFORCING
		REQ'D	REQUIRED
DHW. DISCH.	DESIGN HIGH WATER	RESTR.	RESTRAINED
	DISCHARGE	RFH	RECLAIM FIRE HYDRANT
DLW. DN.	DESIGN LOW WATER DOWN	RW;R/W	RIGHT-OF-WAY
DR.	DRIVE	SAN.	SANITARY
DRWY	DRIVEWAY	SEC.	SECTION
E.W.	EACH WAY	SGL	SINGLE
EA.	EACH	SPRK	SPRINKLER
EL./ELEV.	ELEVATION	SQ.	SQUARE
ELEC.	ELECTRICAL CONDUIT	SN	SIGN
ETC.	AND SO FORTH	ST.	STREET
EXIST.		STL.	STEEL SUPPLIES AND LITTLE FOR STEEDING
EXP.	EXISTING EXPANSION	S.U.E.	SUBSURFACE UTILITY ENGINEERING
FF.	FOOT	S/W;SWK	SIDEWALK
		SYM.	SYMMETRICAL TOP OF PANIC (DITOLI)
FT.	FINISHED FLOOR	TOB	TOP OF BANK (DITCH)
FTG. GALV.	FOOTING GALVANIZED	T.&B. TEL	TOP & BOTTOM TELEPHONE
GDRL	GUARDRAIL	TEMP.	TEMPORARY
GEN	GENERATOR		
GLIV	GRATED INLET	THK	THICK TOE OF SLOPE (DITCH)
GPM	GALLONS PER MINUTE	TYP.	TYPICAL
GRTG.	GRATING	UG	UNDERGROUND GAS
GRND	GROUND	UP	UTILITY POLE
G.S.	GALVANIZED STEEL	UT	UNDERGROUND TELEPHONE
GR./GRD.	GRADE	VERT.	VERTICAL
GWP		W	
	GUY WIRE POLE		WIDE FLANGE/WIDE/WATT
HDWALL	HEADWALL	W/L	WITH
H.R.	HANDRAIL	W.L.	WATER LINE WATER LEVEL
IN.	INCH	W/M	WATER LEVEL WATER MAIN
INV.	INVERT	W.M.	WATER MAIN WATER METER
IP.	IRON PIPE	W.P.	WEATHER PROOF
IR	IRON ROD	W.S.	WALL SLEEVE/WATER STOP/
J.B.	JUNCTION BOX	¥¥.O.	WATER SERVICE
		WTR.	WATER

FLOW

ABBREVIATIONS

AD	AIR DUCT
AL	ALUM
BW	BACKWASH
CA	COMPRESSED AIR
CLE	CLARIFIER EFFLUENT
CL2G	CHLORINE GAS
CL2S	CHLORINE SOLUTION
DR	DRAIN
FBW	SAND FILTER BACKWASH
FE	SAND FILTER EFFLUENT
FEQ	FLOW EQUALIZATION
FM	FORCE MAIN
GR	GRIT
LC	LEACHATE COLLECTION
MHE	MANHOLE ELECTRIC
ML	MIXED LIQUOR
OF	OVERFLOW
OF P	OVERFLOW POLYMER
P	???
PDFM	PLANT DRAIN FORCE MAIN
PW	POTABLE WATER
RAS	RETURN ACTIVATED SLUDGE
RCW	RECLAIMED WATER
REJ	REJECT
RML	RECIRCULATED MIXED LIQUOR
RW	RECLAIMED WATER
SAM	SAMPLE
SC	SCUM
SC	STORMWATER COLLECTION
SPW	STORAGE POND WATER
SS	SANITARY SEWER
SWV	SANITARY WATER VALVE
TS	THICKENED SLUDGE
UN	UNDERDRAIN
WAS	WASTE ACTIVATED SLUDGE

WASTEWATER

PIPING

ABBREVIATIONS

ABD	ABANDONED
CO	CLEANOUT
CORP	CORPORATION
CV	CHECK VALVE
DI	DUCTILE IRON
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
FLFC	ELECTRICAL
EXIST	EXISTING
FH	FIRE HYDRANT
FL	FLANGED
GV	GATE VALVE
HB	HOSE BIBB
HDPE	HIGH DENSITY POLYETHYLEN
MH	MANHOLE
MJ	MECHANICAL JOINT
PE	PLAIN END
PS	PUMP STATION
PVC	POLYVINYLCHLORIDE
RED	REDUCER
SCH	SCHEDULE
SS	STAINLESS STEEL
TBR	TO BE REMOVED
UE	UNDERGROUND ELECTRIC
VERT	VERTICAL
	CO CORP CV DI DIA DIP ELEC EXIST FH FL GV HB HDPE MH MJ PE PS PVC RED SCH SS TBR

LEGEND

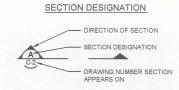
EXISTING		PROPOSED
	PIPELINE	
	GATE VALVE	─ ─₩
	BUTTERFLY VALVE	N
	BALL VALVE	<u>——ю</u> —
$+\Delta \vdash$	PLUG VALVE	− − ∆ −−−
	REDUCER	$\overline{}$
A	AIR RELEASE VALVE	
	GAS VALVE	
——————————————————————————————————————	MANHOLE	O _{M.H.}
	CATCH BASIN	
	FIRE HYDRANT	F.H.
	TOP OR TOE OF BANK	
_xxx	CHAIN LINK FENCE	
	R/W OR PROPERTY LINE	
++++++++++++	PIPING, STRUCTURES OR EQUIPMENT	T TO BE REMOVED
•	BENCHMARK	
8	FIRE HYDRANT	
\$	LIGHT POLE	
\bowtie	VALVE	
SWY	SANITARY WATER VALVE	
0	RECLAIMED WATER METER	
(\$)	SANITARY MANHOLE	
(E)	ELECTRIC MANHOLE	
(1)	BOLLARD	
\Diamond	POWER POLE	
0	UTILITY RISER	
00	IRRIGATION HEAD	
	S.U.E. TEST HOLE LOCATION	

DRAFTING LEGEND

SECTION DESIGNATION



INDICATES ONE OR MORE SECTIONS CUT AND SHOWN ON THE SAME SHEET



DETAIL DESIGNATION



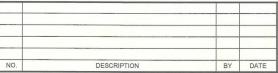
DETAIL DESIGNATION



PIPE IDENTIFICATION



NOTE:
THE LEGEND LISTED REPRESENT A COMPREHENSIVE STANDARD
GUIDE INTENDED FOR GENERAL USE. THEREFORE, NOT ALL OF
THE SYMBOLS AND ABBREVIATIONS CONTAINED ON THIS SHEET
ARE NECESSARILY USED ON THIS PARTICULAR CONTRACT.



SEWRF DEDICATED REJECT LINE





		DESIGNED	
		DO	
		DRAWN	
		A	
		Q.C.	
DAVID A. O'CONNOR, PE LIC. NO.: 56803	DATE	APPROVED	

LEGEND AND ABBREVIATIONS

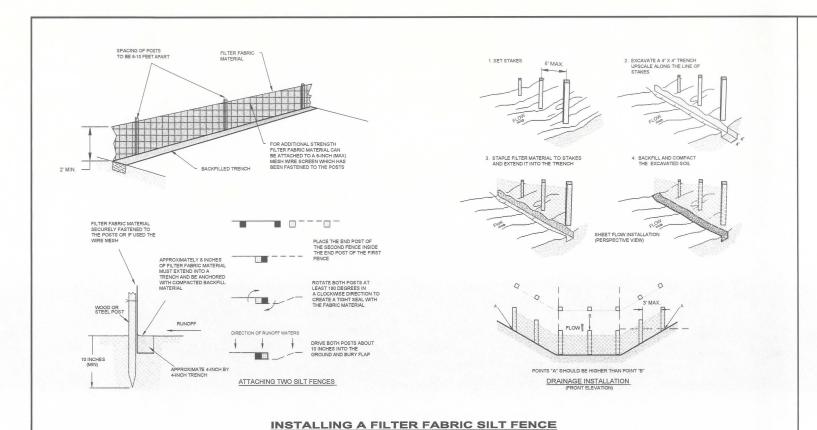
00193-009-01 NOVEMBER 2013 SHEET NO:

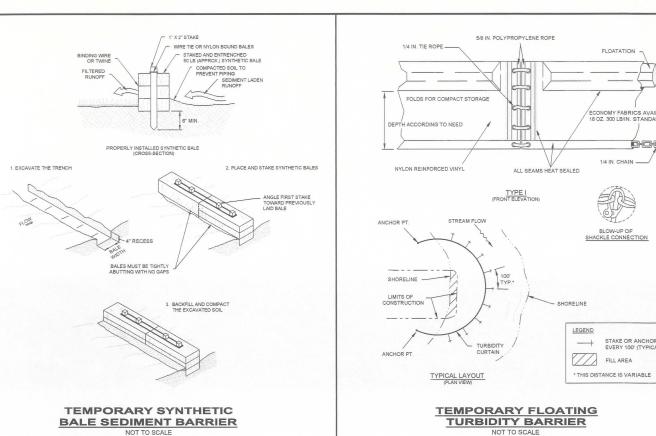
G-3

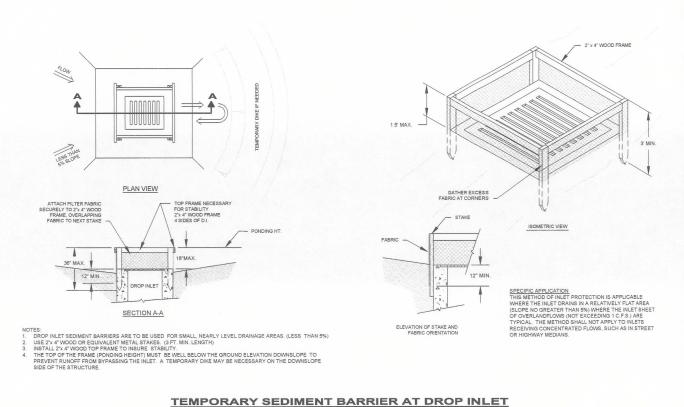
DESCRIPTION

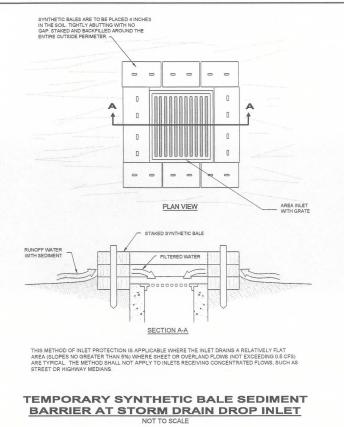
BY DATE

dwg\Sheets\GENERAL NOTES.dwg LAST SAVED: Fri, 10/11/13-8-17a PLOTTED: Fri, 11/08/13-3-01p BY: alan.schaffer









EROSION CONTROL NOTES 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTROL AND PREVENT EROSION AND THE TRANSPORTATION OF SEDIMENT TO SURFACE DRAINS AND OUTFALLS. 2. THE CONTRACTOR SHALL PROVIDE SILT BARRIERS TO CONTROL EROSION AND SEDIMENTATION FROM TAKING PLACE OUTSIDE THE LIMITS OF THE PROJECT. THE SILT BARRIERS SHALL BE PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT INDEX NO. 102, 103 AND 104 OR AS DIRECTED BY THE CITY ENGINEER. 3. REQUIRED EROSION CONTROL MEASURES SHALL REMAIN INTACT THROUGHOUT CONSTRUCTION. FAILURE TO INSTALL OR PROPERLY MAINTAIN REQUIRED EROSION CONTROL WILL RESULT IN ENFORCEMENT ACTION WHICH MAY INCLUDE CITATIONS AS PROVIDED BY APPLICABLE LOCAL ORDINANCE AND CHAPTERS 40D-4 AND 40D-40, F.A.C. INITIATION OF CIVIL PENALTY PROCEDURES PURSUANT TO SECTION 373.129, F.A.C. CAN RESULT IN A PENALTY NOT TO EXCEED \$10,000 PER OFFENSE WITH EACH DATE DURING WHICH SUCH VIOLATION OCCURS CONSTITUTING A SEPARATE OFFENSE. 4. ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK. 5. CONTRACTOR SHALL CONSTRUCT TURBIDITY BARRIERS APPROXIMATELY 25 FEET DOWNSTREAM OF END SECTIONS AT POND LOCATIONS SHOWN ON PLAN SHEETS. CONTRACTOR TO INSPECT AND MAINTAIN EACH TURBIDITY BARRIER 6. CONTRACTOR MAY USE OTHER ACCEPTABLE EROSION CONTROL DEVICES AROUND INLETS AS APPROVED BY THE ENGINEER.

DRAWN

APPROVED

DATE



EROSION CONTROL DETAILS AND NOTES

00193-009-01 DATE: NOVEMBER 2013 SHEET NO: G-4

SEWRF DEDICATED REJECT LINE



NO. DESCRIPTION BY DATE Sheets/EROSION CONTROL DETAILS AND NOTES.dwg LAST SAVED: Thu, 08/01/13-1:28p PLOTTED: Fri, 11/08/13-3:02p BY: alan.schaffer

