

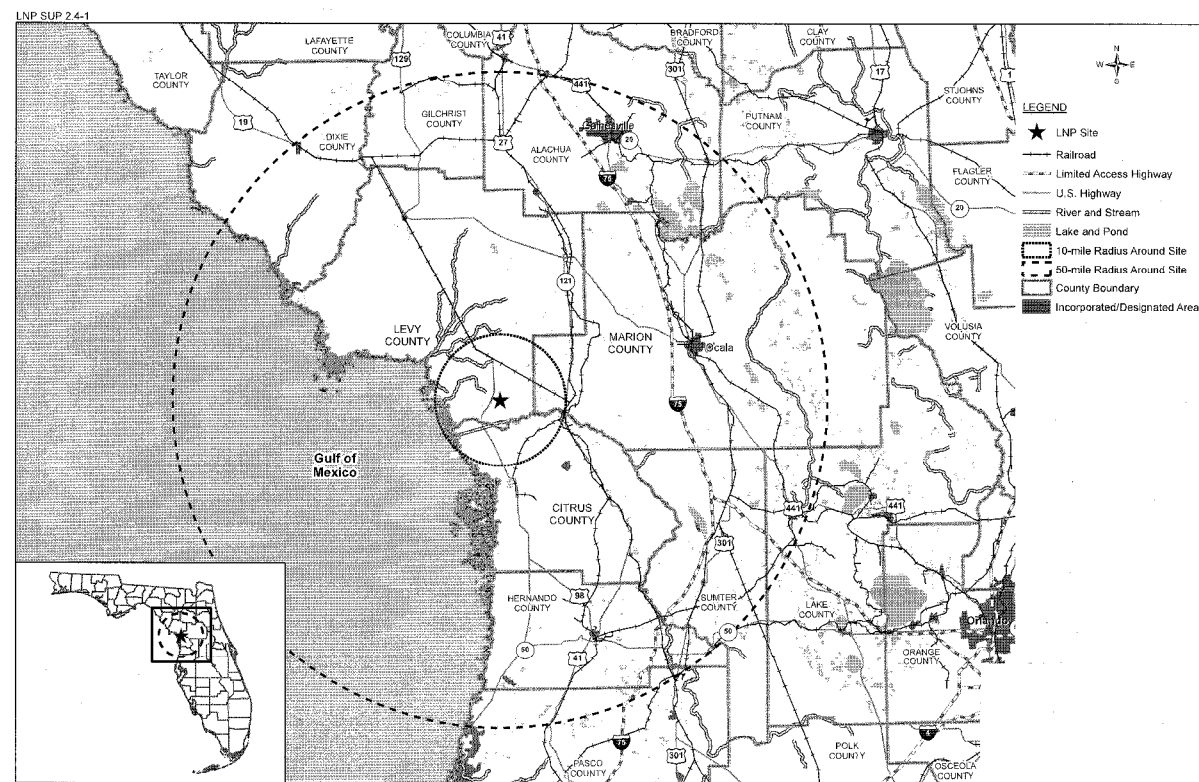
APPENDIX 10.4
ENVIRONMENTAL RESOURCE PERMIT
ATTACHMENT A.3
SITE PLAN

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Florida Power Corporation dba Progress Energy Florida, Inc.,(PEF)
299 First Avenue North, PEF-903, St. Petersburg, FL 33701

Florida Power Corporation dba Progress Energy Florida, Inc.,(PEF)
299 First Avenue North, PEF-903, St. Petersburg, FL 33701

DRAWING NUMBER	TITLE
LNG-G1-XD-000	COVER SHEET
LNG-G100-X2-001	LEVY OVERALL SITE PLAN
LNG-G1P2-XD-001	STORM WATER & EROSION CONTROL DETAILS
LNG-G1P2-XD-002	WET POND EXCAVATION PLANS POND A
LNG-G1P2-XD-003	WET POND EXCAVATION PLANS PONDS B, C1 & C2
LNG-G1-XD-001	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 1
LNG-G1-XD-002	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 2
LNG-G1-XD-003	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 3
LNG-G1-XD-004	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 4
LNG-G1-XD-005	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 5
LNG-G1-XD-006	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 6
LNG-G1-XD-007	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 7
LNG-G1-XD-008	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 8
LNG-G1-XD-009	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 9
LNG-G1-XD-010	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 10
LNG-G1-XD-011	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 11
LNG-G1-XD-012	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 12
LNG-G1-XD-013	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 13
LNG-G1-XD-014	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 14
LNG-G1-XD-015	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 15
LNG-G1-XD-016	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 16
LNG-G1-XD-017	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 17
LNG-G1-XD-018	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 18
LNG-G1-XD-019	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 19
LNG-G1-XD-020	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 20
LNG-G1-XD-021	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 21
LNG-G1-XD-022	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 22
LNG-G1-XD-023	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 23
LNG-G1-XD-024	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 24
LNG-G1-XD-025	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 25
LNG-G1-XD-026	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 26
LNG-G1-XD-027	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 27
LNG-G1-XD-028	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 28
LNG-G1-XD-029	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 29
LNG-G1-XD-030	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 30
LNG-G1-XD-031	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 31
LNG-G1-XD-032	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 32
LNG-G1-XD-033	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 33
LNG-G1-XD-034	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 34
LNG-G1-XD-035	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 35
LNG-G1-XD-036	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 36
LNG-G1-XD-037	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 37
LNG-G1-XD-038	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 38
LNG-G1-XD-039	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 39
LNG-G1-XD-043	TYPICAL ROADWAY SECTION
LNG-G1-XD-044	SEDIMENT & EROSION CONTROL NOTES AND DETAILS
LNG-G100-X3-014-01	WET POND DETAILS AND TYPICAL SECTIONS
LNG-G100-X3-014-02	STORMWATER DETAILS
LNG-G100-XJ-001	FDOT STANDARD END SECTIONS
LNG-G100-XJ-002	FDOT STANDARD END SECTIONS
LNG-G100-XJ-003	FDOT STANDARD END SECTIONS
LNG-G100-XR-002	TYPICAL RAIL SECTION
LNG-G100-XS-001	ROAD INTERSECTION MODIFICATIONS HIGHWAYS 19 & 98 AND ACCESS ROADS PLANS
LNG-G100-XS-002	ROAD INTERSECTION MODIFICATIONS COUNTY ROAD 40 AND HEAVY HAUL ROAD
LNG-XQ01-C2-101	UTILITY BRIDGE OVER BYPASS CHANNEL BRIDGE PLAN AND ELEVATION
LNG-XQ01-C2-103	UTILITY BRIDGE OVER BYPASS CHANNEL TYPICAL BRIDGE CROSS SECTION
LNG-G1-C2-000002	RAW WATER INTAKE STRUCTURE GENERAL ARRANGEMENT PLAN 30% DESIGN
LNG-G1-C2-000003	RAW WATER INTAKE STRUCTURE SECTION 30% DESIGN
LNG-G1-CC-000004	BLOWDOWN DISCHARGE LINES LOCATION PLAN



VICINITY MAP

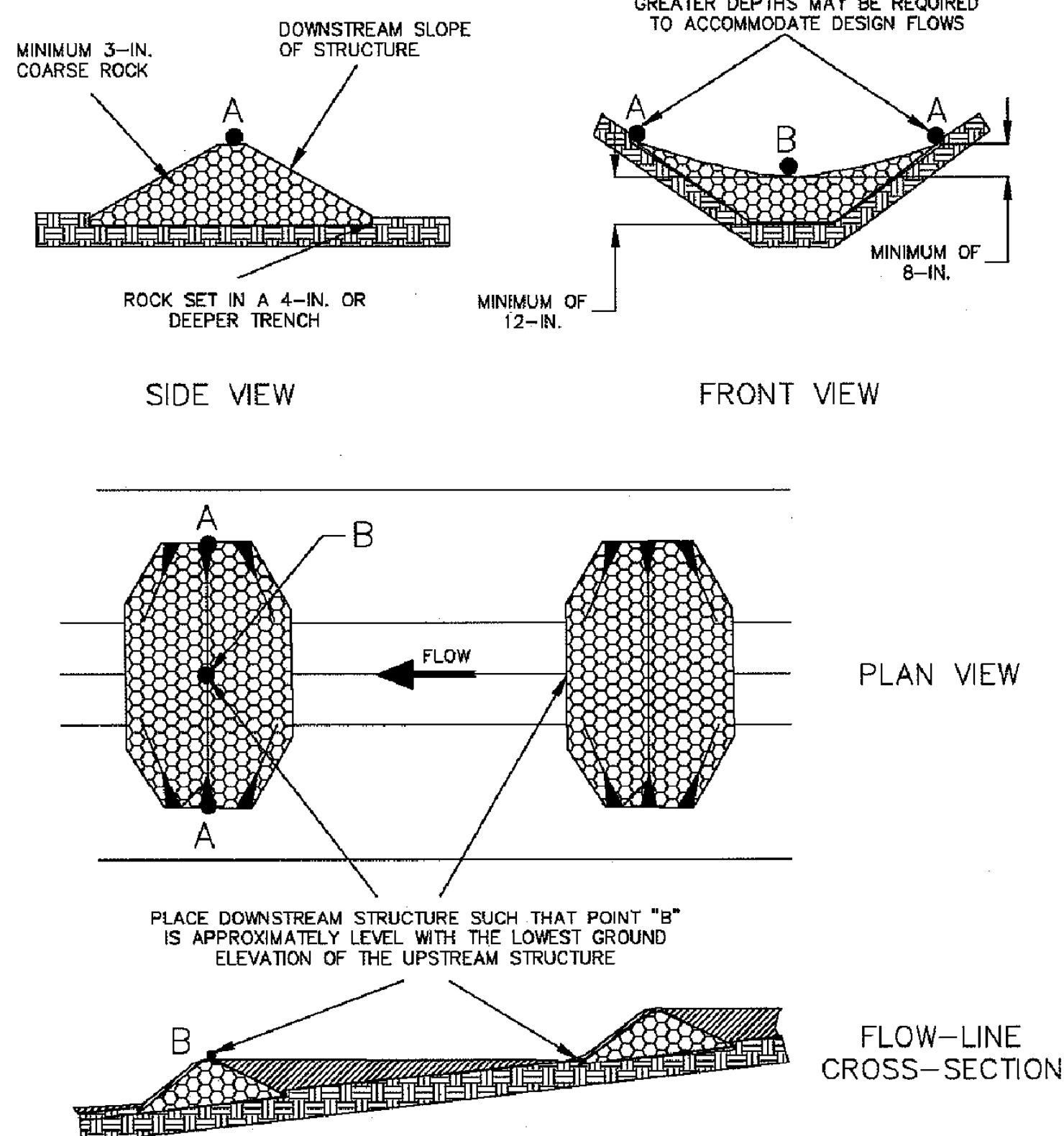
1. THE SURVEY AND TOPOGRAPHIC INFORMATION PROVIDED BY PROGRESS ENERGY.
2. FOR GENERAL NOTES, SEQUENCE OF CONSTRUCTION, NARRATIVE AND DETAILS SEE SOIL EROSION AND SEDIMENT CONTROL PLANS. PROVIDE PREVENTATIVE CONTROL MEASURES TO PREVENT EROSION OR DISPLACEMENT OF SOILS AND DISARGE OF SOIL-SEARING WATER RUNOFF OR AIRBORNE DUST TO ADJACENT PROPERTIES AND WALKWAYS.
3. THE CONTRACTOR SHALL ESTABLISH SURVEY CONTROL IN THE AREA OF CONSTRUCTION USING ESTABLISHED PLANT SURVEY CONTROL MONUMENTS.
4. CONTRACTOR TO VERIFY LOCATION OF TIE-IN'S WITH EXISTING DRIVES AND/OR ROADWAYS. DISCREPANCIES TO BE REPORTED AND ANY ADJUSTMENTS TO COORDINATES MUST BE APPROVED BY ENGINEER.
5. REFER TO PROGRESS ENERGY FOR PROJECT SPECIFIC REQUIREMENTS FOR SAFETY AND CLEARANCE REQUIREMENTS.
6. TRUNCATED COORDINATE EQUALITY:
STATE PLANE TO PLANT COORDINATE CONVERSION
NORTH (STATE PLANE) -1700000 = NORTH (PLANT)
EAST (STATE PLANE) -400000.00 = EAST (PLANT)
7. STATE PLANE COORDINATE SYSTEM, WEST ZONE
OF FLORIDA, NORTH AMERICAN HORIZONTAL DATUM
OF 1983. NO OFFICAL VERTICAL SURVEY WAS PERFORMED.
INFORMATION FROM DIS

REVISION DESCRIPTION										TITLE		APPN		DATE		COVER SHEET									
REVISION	ISSUE FOR PERMITS										PE				 DESIGNED BY: CHECKED BY: DATE 5/13/08										
											DP														
											LE														
											MC														
REVIEW	CSA					MECHANICAL					ELECT/MSTR														
	ARCH	CIVIL/STRUCT	PIPE	PIPE SUP	SA	ENG	WAC	FIELD	LTC	ISC	SIZE	DRAWING NUMBER													
											F	LNG-G1-XO-000					0								

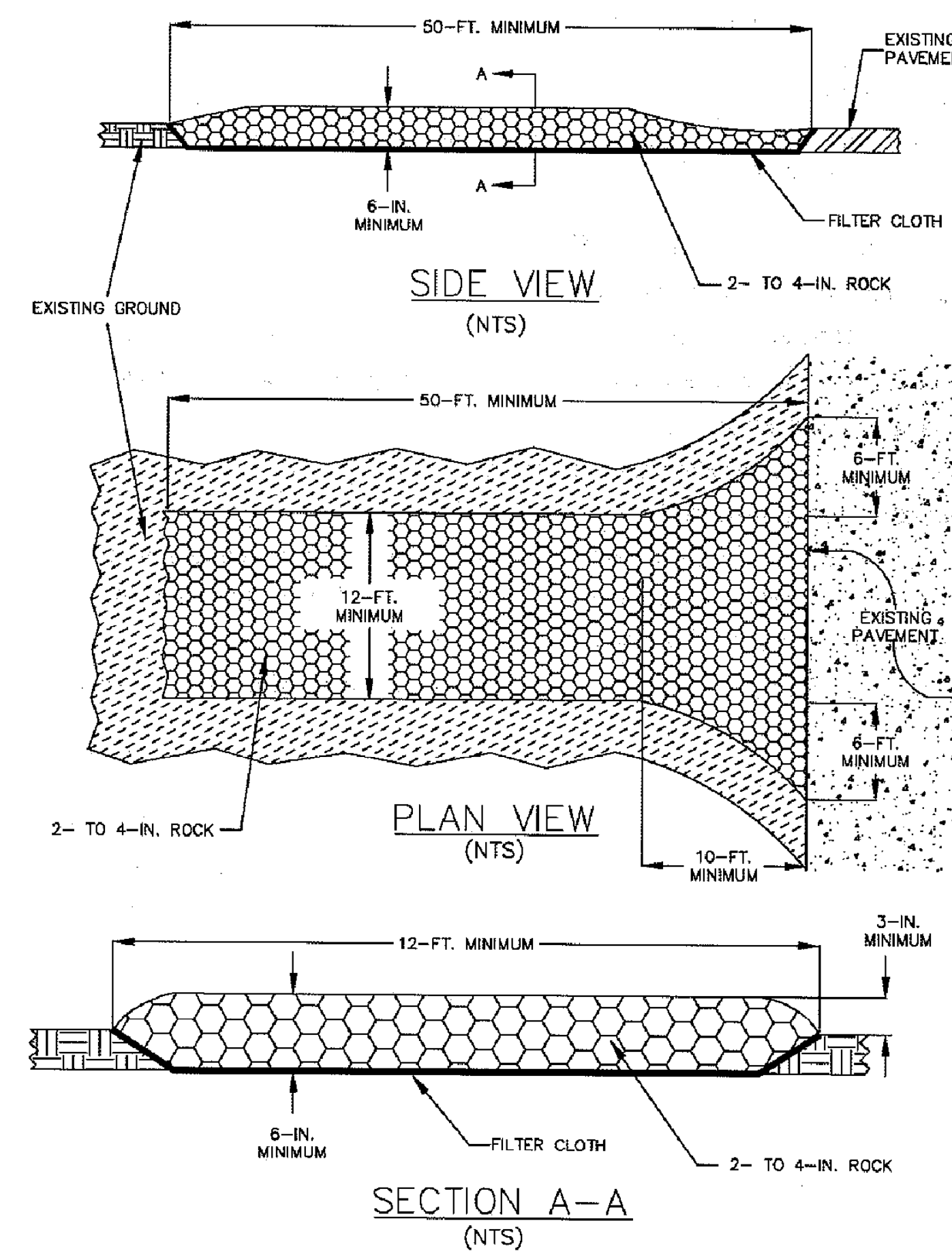
THIS DRAWING CREATED ELECTRONICALLY IN-CAD-08-000 DCN 5/19/08

D ₅₀ OF ROCK (IN)	DOWNSTREAM FACE OF STRUCTURE					
	35%	50%	25%	20%	15%	10%
3	6	7	8	10	13	20
6	12	14	16	20	26	40

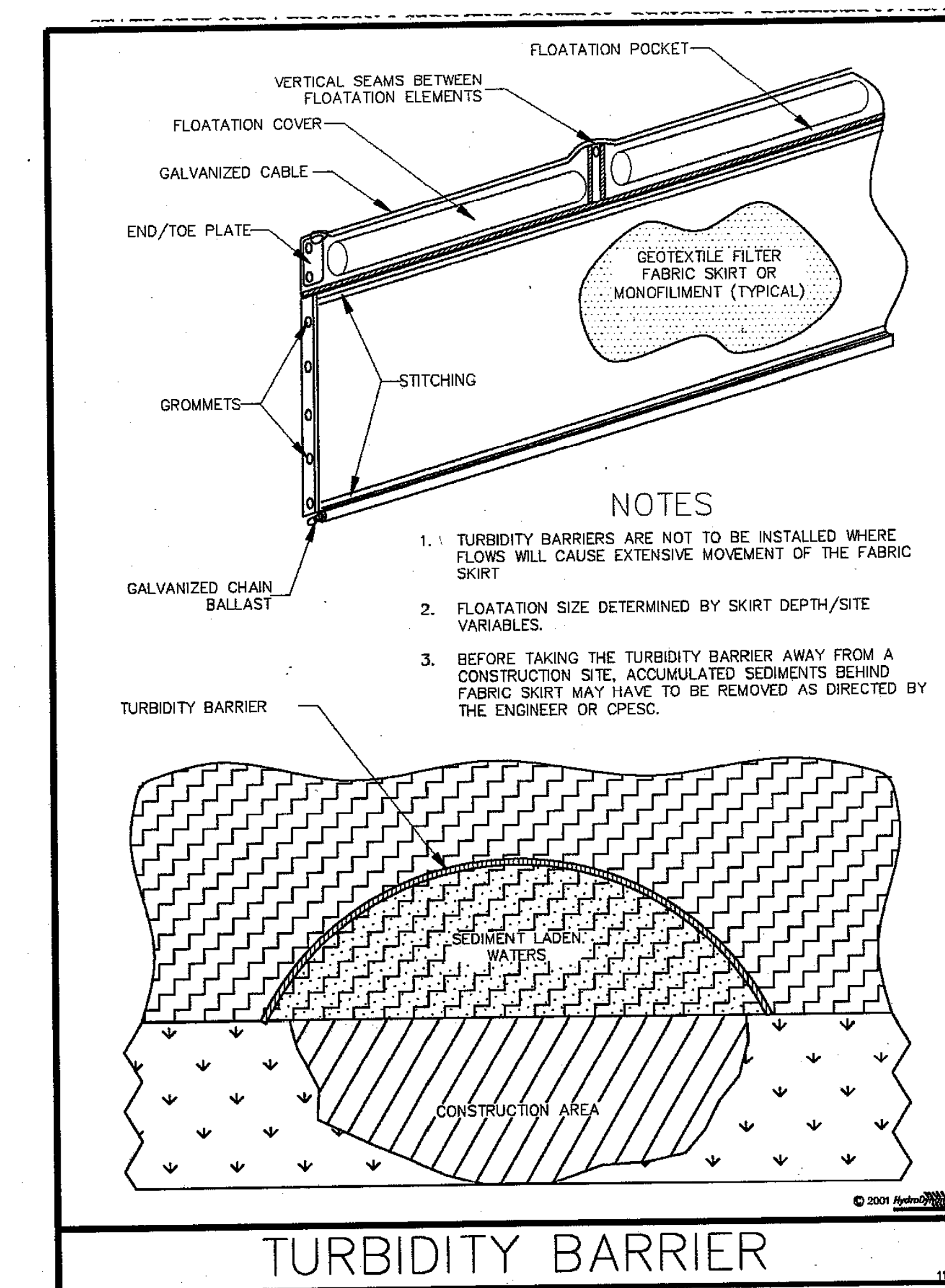
SUGGESTED ROCK DIAMETER & FLOW DEPTHS



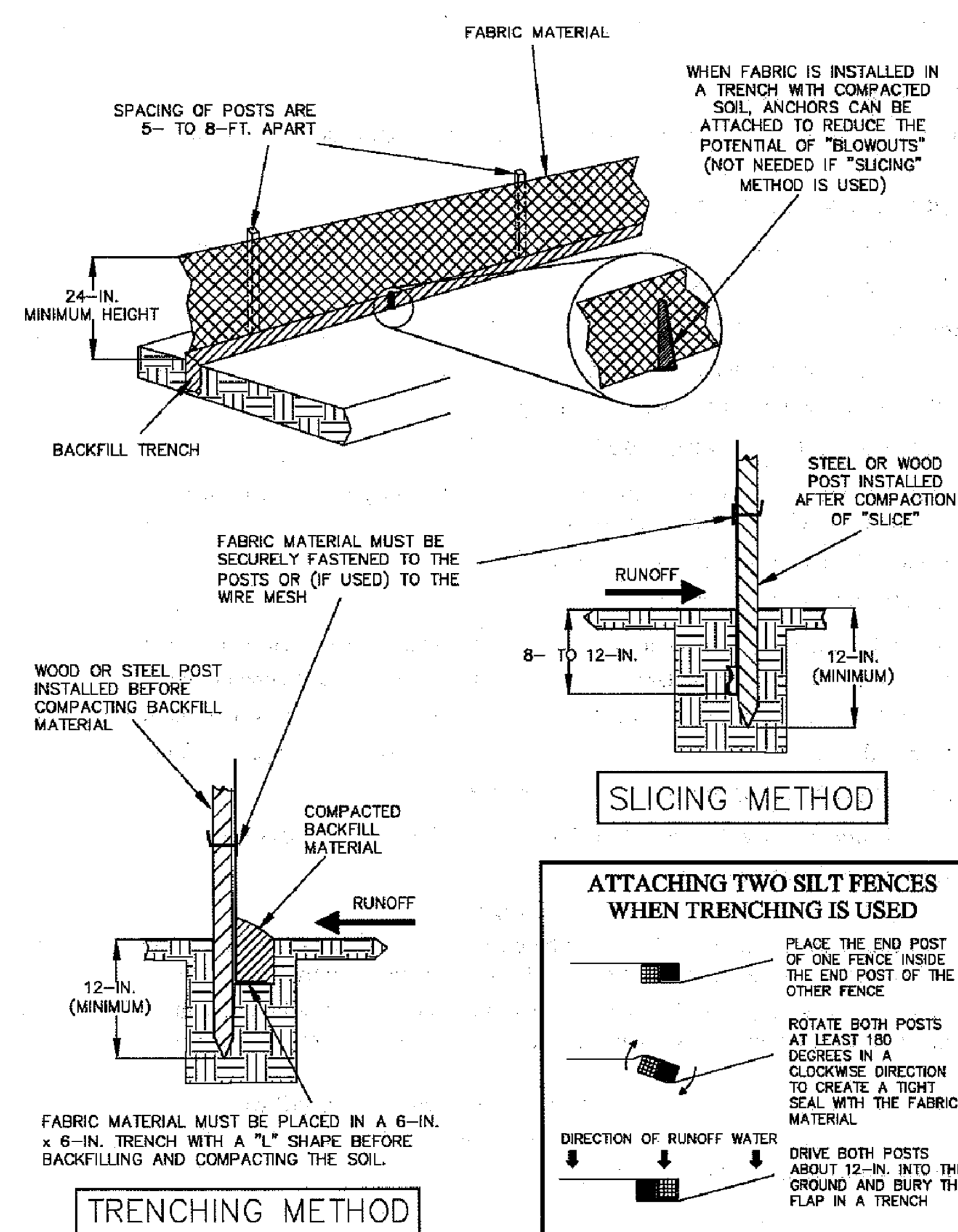
1. ROCK CHECK STRUCTURES FOR SMALL DRAINAGE CHANNELS



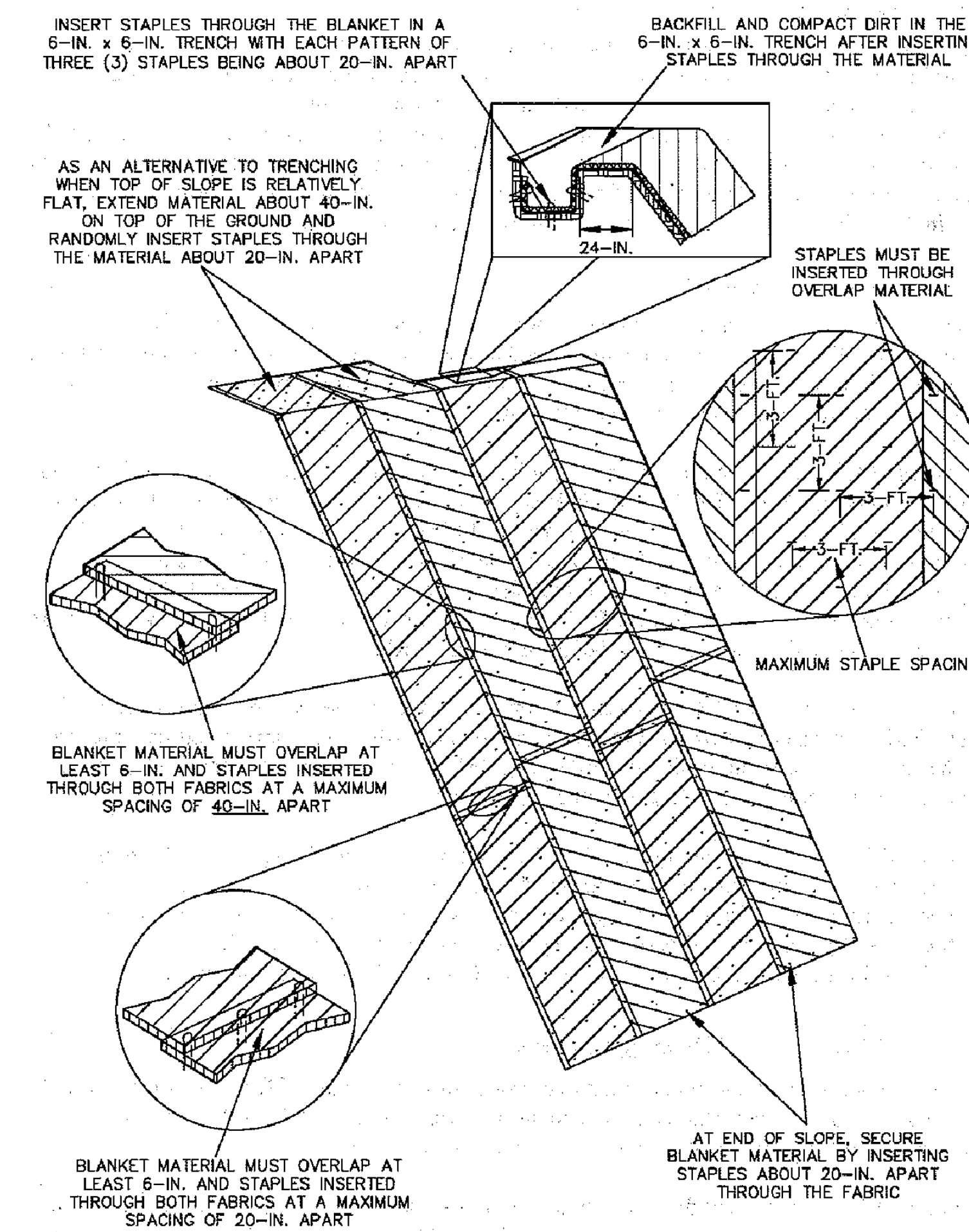
2. SOIL TRACKING PREVENTION DEVICE



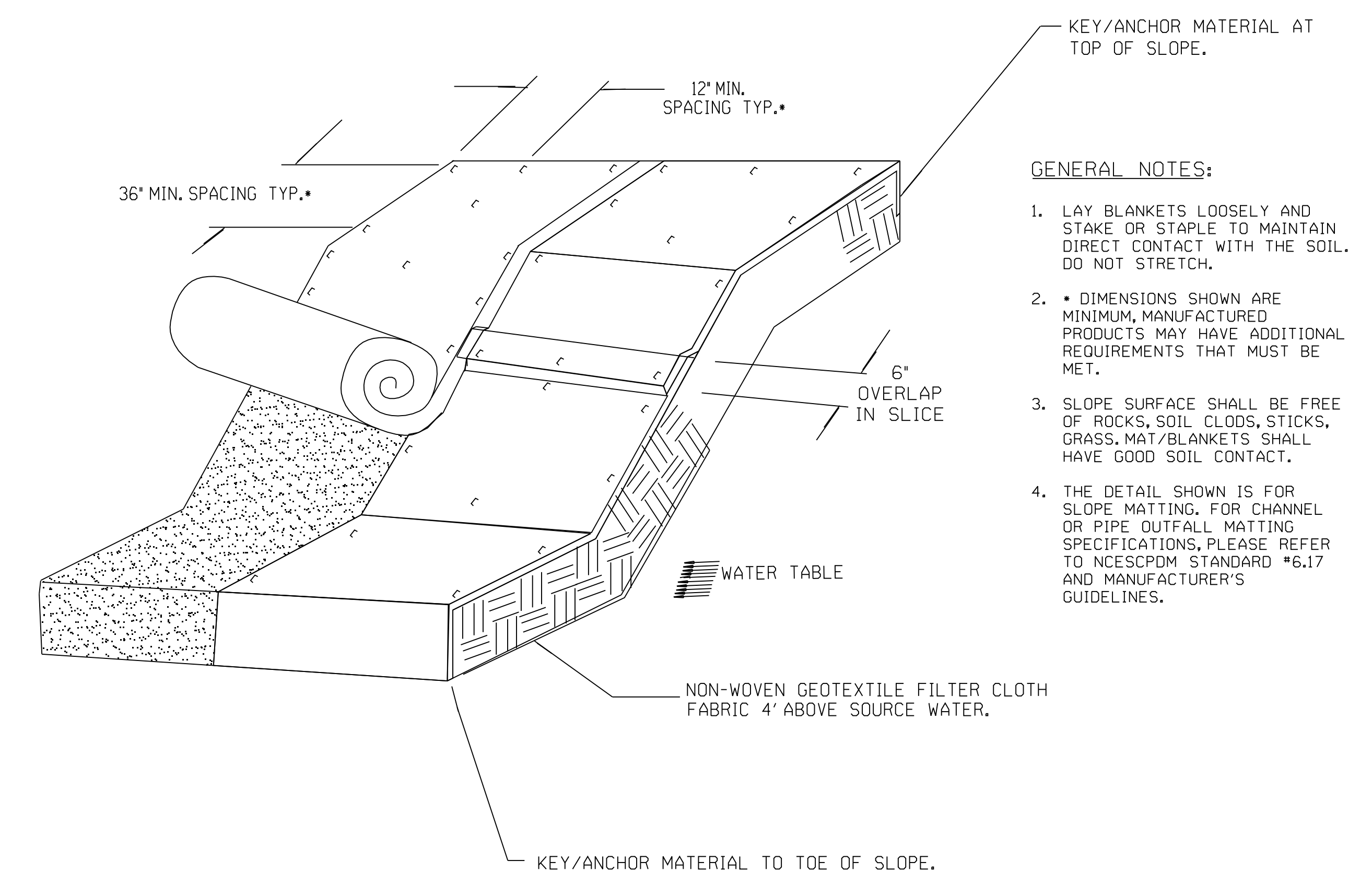
3. TURBIDITY BARRIER



4. SILT FENCE BARRIER INSTALLATION



5. INSTALLING A DISTURBED SLOPE RECP

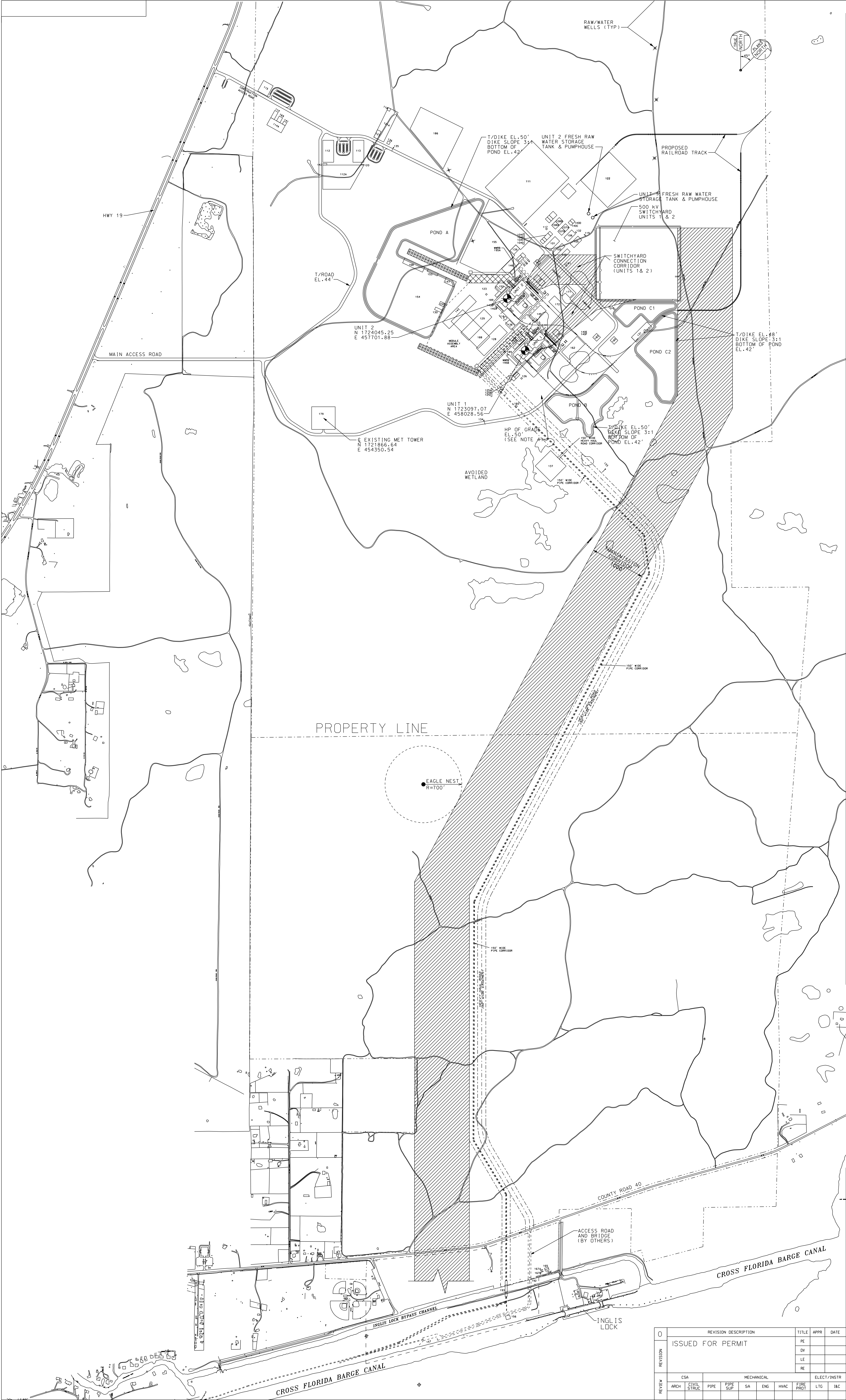


6. EMBANKMENT MATTING DETAIL

FOR PERMITTING

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUED FOR PERMITTING	PE		
		DV		
		LE		
		RE		
		CSA		
		MECHANICAL		
		SA		
		ENG		
		HVAC		
		FIRE PROT		
		ELECT/INSTR		
		LTG		
		IAC		

SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #8945	
WEC SAFETY CLASSIFICATION: E	
CONFIDENTIAL	
THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF STONE & WEBSTER, INC. AND IS TO BE RETURNED UPON REQUEST. ITS CONTENTS MAY NOT BE COPIED, DISCLOSED TO THIRD PARTIES, OR USED FOR OTHER THAN THE EXPRESS PURPOSE FOR WHICH IT HAS BEEN PROVIDED WITHOUT WRITTEN CONSENT OF STONE & WEBSTER, INC.	
PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
TITLE STORMWATER AND EROSION CONTROL DETAILS	
DESIGNED BY: DEB	CHECKED BY: JVS
SCALE NTS	DATE 5/17/08
SHAW Nuclear	
SIZE E	DRAWING NUMBER LNG-GIP2-XD-001
REV NO 0	



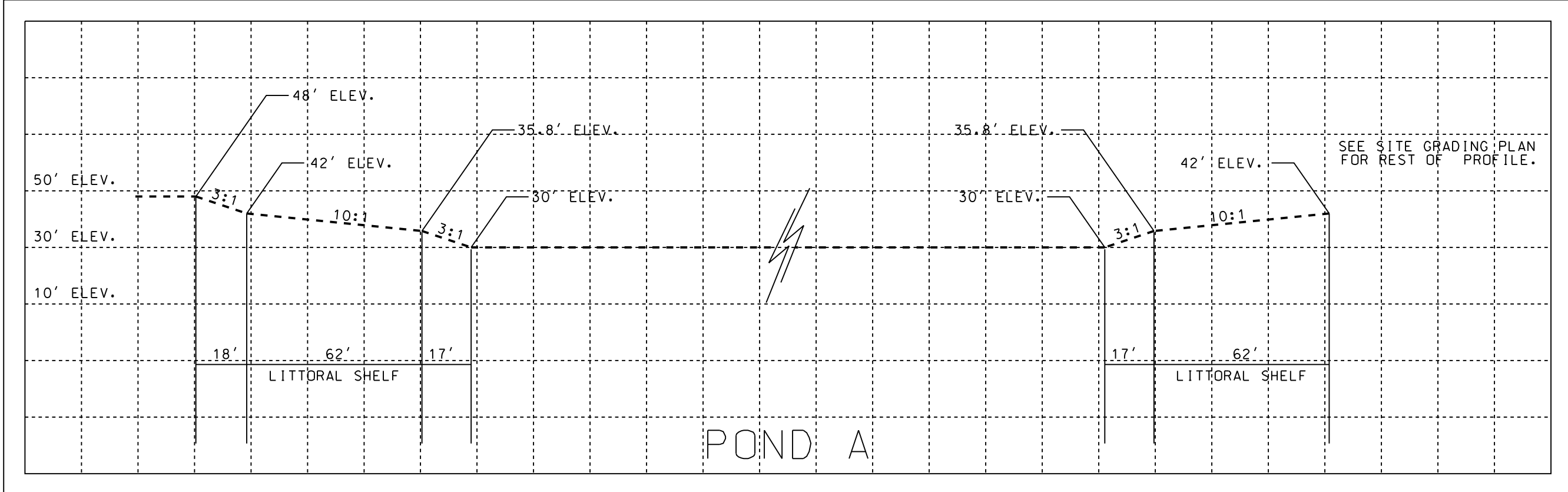
IMPERVIOUS AREA LIST		
BLDG #	TITLE	SQ. FT
101	CONSTRUCTION FIELD OFFICE	60.000
102	CRAFT CHANGE FACILITY	18.750
103	CRAFT CHANGE FACILITY	18.750
104A	TIME OFFICE/PAYROLL	3.750
104B	STORAGE	7.500
104C	SAFETY FACILITY	3.750
104D	FIRST AID FACILITY	3.750
105	PAINT/BLAST SHOP	20.000
106	FAB SHOP MECHANICAL/STRUCTURAL	20.000
107A	FAB SHOP - ELECTRICAL I&C	10.000
107B	FAB SHOP - CARPENTERS	10.000
108A	FAB SHOP - SHEETMETAL	10.000
108B	FAB SHOP - INSULATORS	10.000
109A	FAB SHOP - REBAR	10.000
109B	TEST LAB - REBAR/CYL	5.000
109C	EMERGENCY RESPONSE FACILITY	5.000
110A	TOOL ROOM - U2	4.000
110B	M&E - U2	4.000
110C	RIGGING LOFT - U2	4.800
111	CONSTRUCTION PARKING LOT	1,152.000
112	WAREHOUSE #1	80.000
112A	WAREHOUSE LAYDOWN YARD	525.000
113	WAREHOUSE #2	80.000
114	TRAINING BUILDING - CRAFT	10.500
114A	TRAINING BUILDING - PARKING LOT	45.000
115	NORTH SUBSTATION	160.000
116	BULK GAS FACILITY	2.500
117	ICE HOUSE - DRINKING WATER	625
118	FUEL STATION IN MOTOR POOL AREA	2.500
119	CHEMICAL STORAGE BUILDING - FAB HOUSE	480
120	CHEMICAL STORAGE BUILDING - WHSE AREA	480
121	MOTOR POOL	11.250
121A	MOTOR POOL YARD	120.000
122	BATCH PLANT	562.500
123	COMPRESSOR BUILDING - U2	625
124	TRAINING CENTER - SIMULATOR	80.000
125A	TOOL ROOM - U1	4.000
125B	M&E - U1	4.000
125C	RIGGING LOFT - U1	4.800
126	COMPRESSOR BUILDING - U1	625
127	TIME ALLEY	600
128	MODULE FAB AREA CA01	120.000
129	MODULE FAB AREA CA02	120.000
130	MODULE FAB AREA CA03	6.750
131	MODULE RECEIVING BUILDING	59.375
132	COMPRESSOR SKID - FAB SHOP	360
133	VEHICLE CHECK POINT - HEAVY HAUL RD	144
134	VEHICLE CHECK POINT - MAIN ENTRANCE	144
135	VEHICLE CHECK POINT - CRAFT ENTRANCE	144
136	HAZARDOUS WASTE STORAGE FACILITY	2.500
137	SOUTH SUBSTATION	160.000
138	WAREHOUSE MATERIAL ISSUE - U1	15.000
139	WAREHOUSE MATERIAL ISSUE - U2	15.000
140A	TOILET TRAILER	480
140B	TOILET TRAILER	480
140C	TOILET TRAILER	480
140D	TOILET TRAILER	480
140E	TOILET TRAILER	480
140F	TOILET TRAILER	480
141	WELD TEST FACILITY	3.600
142	BOTTLE GAS STORAGE	2.250
143	CONTAINMENT RING FAB AREA	78.750
145	TURBINE MODULE ASSY AREA U1	45.000
146	TURBINE MODULE ASSY AREA U2	45.000
147	FLOOR & CEILING MODULE ASSY AREA	15.000
148	HEATER BAY MODULE ASSY AREA U1	20.000
149	HEATER BAY MODULE ASSY AREA U2	20.000
150	MODULE ASSY AREA CA05, CA04	6.500
151	PAD FOR LOWER BOWL REBAR MODULE U1	25.600
152	PAD FOR LOWER BOWL REBAR MODULE U2	25.600
153	CARPENTER FORM PAD	10.000
154	MODULE LAYDOWN AREA	1,210.000
155	MATERIAL LAYDOWN AREA	1,000.000
156	SALT WATER RWS INTAKE STRUCTURE	47.250
157	BOAT SLIP	40.000
158	SEWAGE LIFT STATION (LATER)	0
159	FRESH WATER RWS PUMPHOUSE	10.000
160	SEWAGE TREATMENT FACILITY	40.000
161	LOW LEVEL RADWASTE (LATER)	0
162	PERMANENT WAREHOUSE - PROCESS	80.000
163	RWS WELLS	200
164	WATER TANK FARM	0
165	MU PUMPHOUSE TRAILER #1	1,960
166	MU PUMPHOUSE TRAILER #2	1,960
167A	TOILET TRAILER	480
167B	TOILET TRAILER	480
168	MODULE FABRICATION AREA	40.000
169	DYNAMIC LEARNING CENTER	7.000
170	YFS PUMP SKID CONCRETE PAD	224
171	ADMIN BUILDING	40.000
172	MAIN SUPPORT BUILDING	186.700
176	SECURITY TRAINING BUILDING	2,625
177	VISTORS CENTER (TBD)	4.000
178	MICROWAVE HOUSE AND TOWER (LATER)	0
179	MET TOWER	0
180	SWITCH YARD RELAY HOUSE #1	1.200
181	SWITCH YARD RELAY HOUSE #2	1.200
182	PRIMARY VEHICLE ACCESS PORTAL	0
183	SECONDARY VEHICLE ACCESS PORTAL	0
184	MAIN SECURITY GUARDHOUSE (LATER)	600
185	HELL PAD	10.000
186	SPOILS AREA	739.600
187	FIRE STATION (TBD)	20.000
188	DRY CASK STORAGE (RESERVED SPACE ONLY)	210.000
189	LAMPSON T-PADS	0
190A	SWITCHGEAR & MCC BUILDING FOR CWS	3.000
190B	SWITCHGEAR & MCC BUILDING FOR CWS	3.000
192	ACCESS ROAD BRIDGE	9.612
193	UTILITY BRIDGE	0
194	SALT RWS SWITCHGEAR BUILDING	4.800
195A	WASTE WATER RETENTION BASIN	12.500
195B	WASTE WATER RETENTION BASIN	12.500
196A	COOLING WATER FOUNDATION	122.400
196B	COOLING WATER FOUNDATION	122.401
197A	CWS PUMP STRUCTURE	0
197B	CWS PUMP STRUCTURE	0
	POWER BLOCK STRUCTURES	306.500
	ACCESS ROADS	830.500
	HEAVY HAUL ROUTE	1,108.000

FOR PERMITTING

PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 CDA #8945	
	WEC SAFETY CLASSIFICATION: E	
CONFIDENTIAL		
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PROGRESS ENERGY FLORIDA, INC		PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
TITLE		
LEVY OVERALL SITE PLAN		
DESIGNED BY: DEB		DATE
CHECKED BY: JVS		05/17/08
SCALE		1" = 600'
DRAWING NUMBER		LNG-G100-X2-001
SIZE		E
REV NO		0

REVISION	0	REVISION DESCRIPTION	TITLE	APPR	DATE
		ISSUED FOR PERMIT	PE		
			DN		
			LE		
			RE		
REVIEW	CSA	MECHANICAL	ELECT/INSTR		
	ARCH	PIPE SUP	SA	ENG	HVAC
				FIRE PROT	LTO
					INC

THIS DRAWING CREATED ELECTRONICALLY



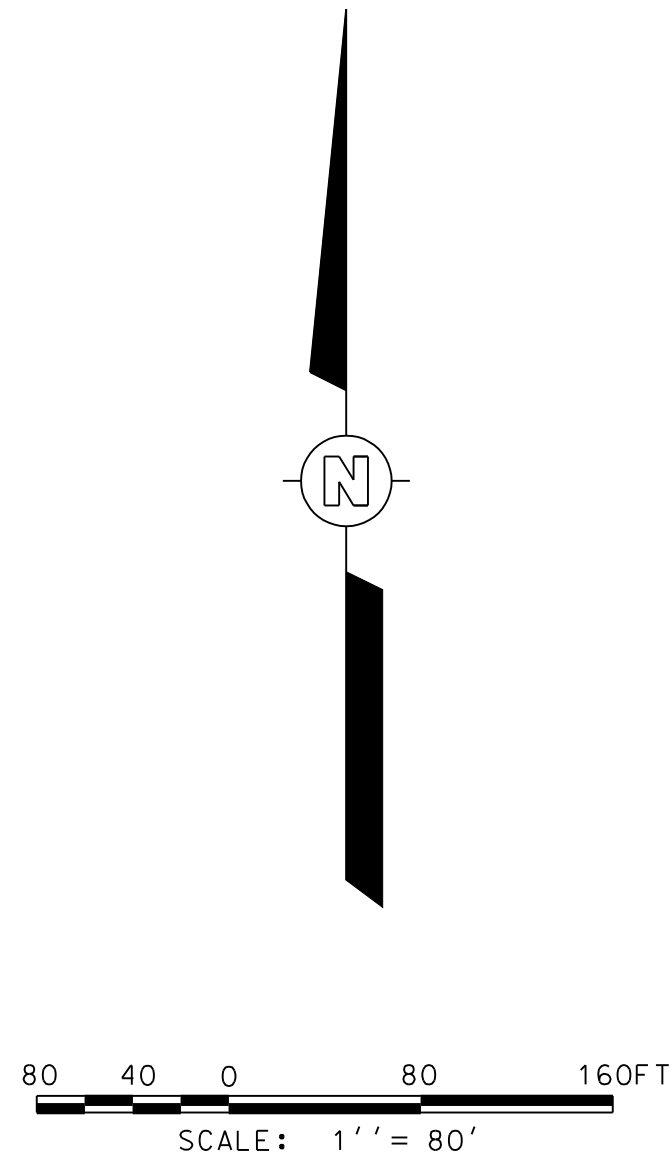
SECTION Z-Z'
1" = 40'

NOTE 1:
PONDS MAY ONLY BE EXCAVATED TO ELEV. 38 FT.
EXCAVATION MAY CONTINUE TO ELEV. 30 FEET AS
SHOWN DEPENDING ON SUITABILITY AS FILL MATERIAL.

NOTE 2:
ALL BERMS MUST BE COMPACTED TO APPROPRIATE DENSITY
AND SOIL TYPE FOR RESISTANCE TO DAM FAILURES.

NOTE 3:
SEE SITE GRADING PLAN FOR REST OF CONTOURS.

AREA 154
SEE SITE GRADING PLAN FOR DETAILS.
THIS AREA IS TO BE USED AS ADDITIONAL DETENTION POND.
HOWEVER, AS PER STORM WATER MANAGEMENT REPORT, THERE IS
ENOUGH POND STORAGE WITHIN POND EXCAVATION CONTOURS
AS SHOWN TO ACHIEVE WATER QUALITY TREATMENT AND WATER
QUANTITY ATTENUATION AS PER SWFMD PART B BASIS OF REVIEW.



FOR PERMITTING

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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CONSENT OF STONE & WEBSTER, INC.

PROGRESS ENERGY
FLORIDA, INC. PROGRESS ENERGY, FLORIDA, INC
LEVY NUCLEAR PLANT
UNITS 1 & 2

TITLE
WET POND EXCAVATION PLANS
POND A

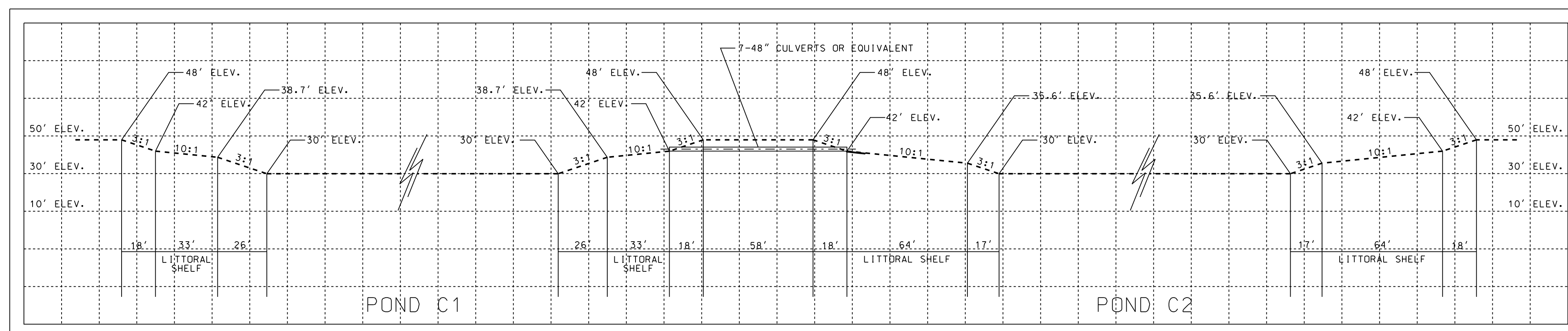
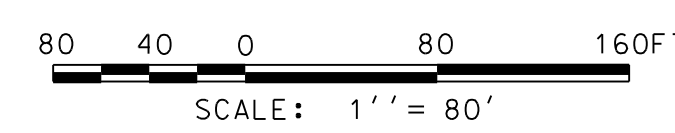
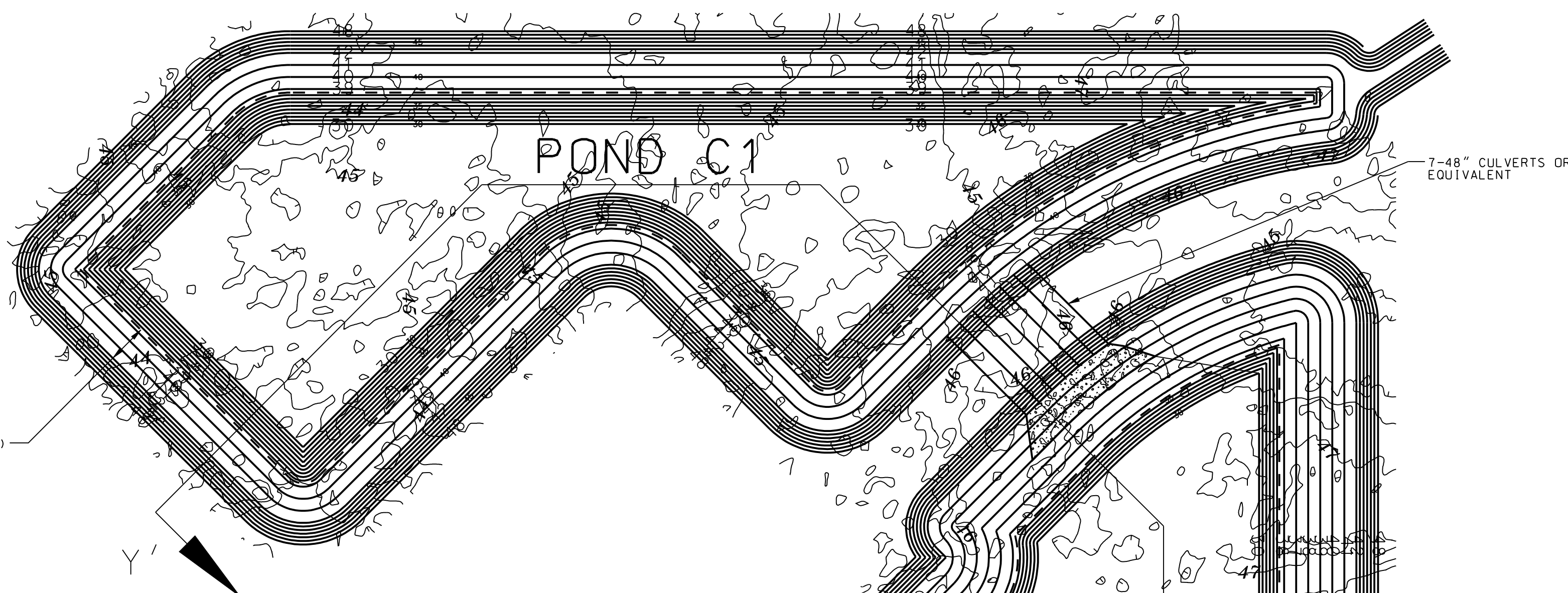
DESIGNED BY: OEB
CHECKED BY: JVS
SCALE: 1" = 80'
DATE: 5/17/08

SHAW Nuclear
DRAWING NUMBER: LNG-G1P2-XD-002
REV NO: 0

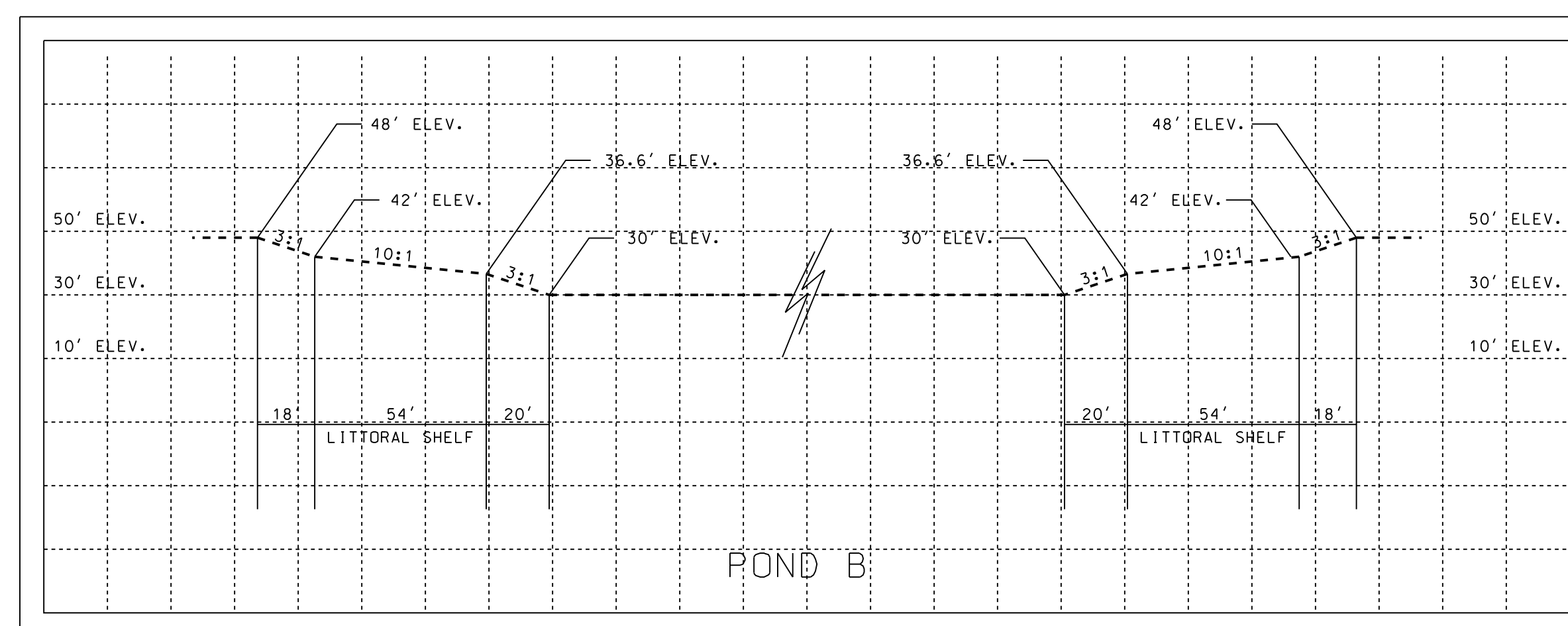
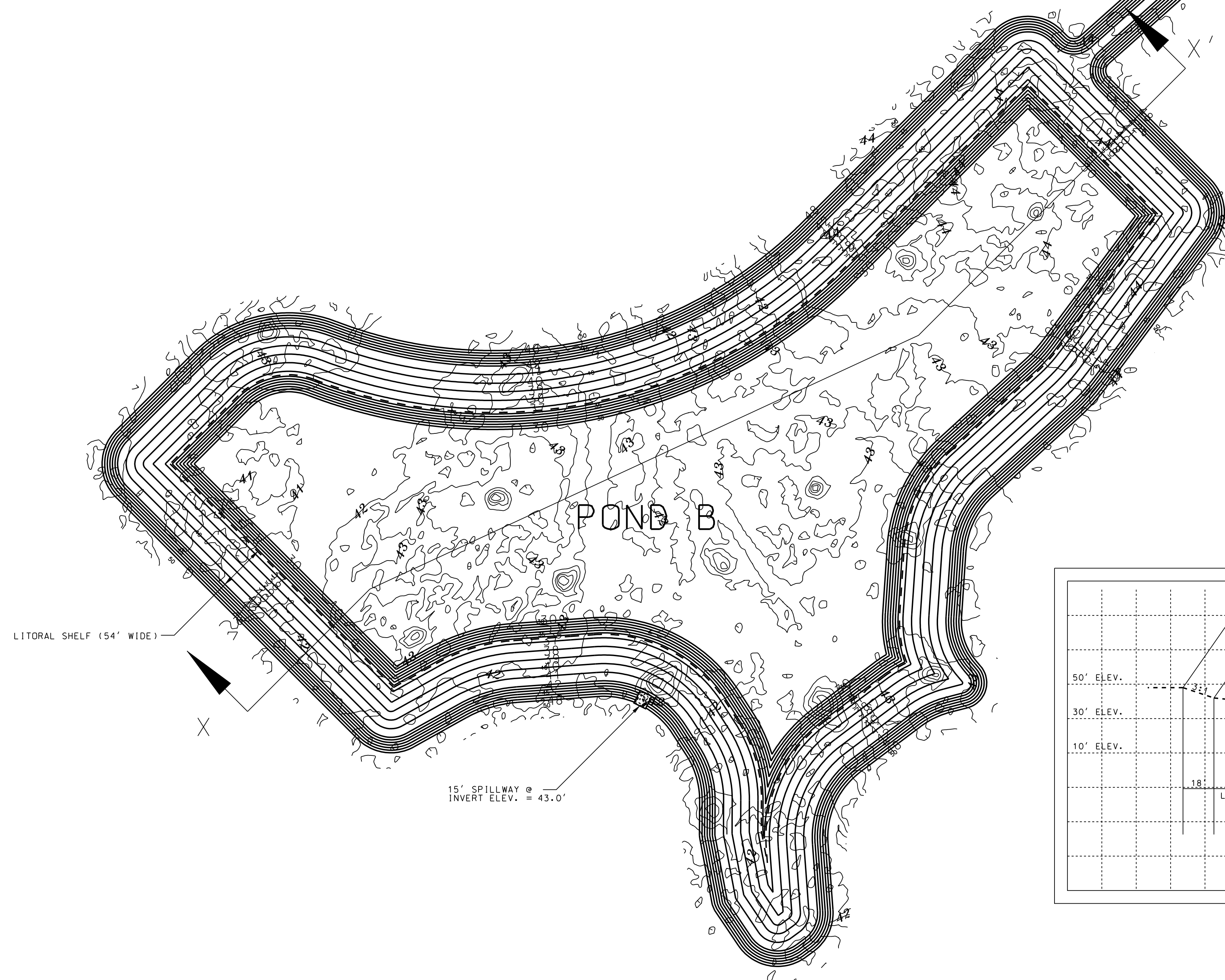
REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0		PE		
		DV		
		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/INSTR	SIZE
	ARCH	CIVIL STRUC	PIPE SUP	SA
		ENG	HVAC	FIRE PROT
			LTG	I&C

THIS DRAWING CREATED ELECTRONICALLY
WET POND EXCAVATION PLAN ADDN 5/19/08

NOTE 3:
SEE SITE GRADING PLAN FOR REST OF CONTOURS.



SECTION Y-Y'
1" = 40'



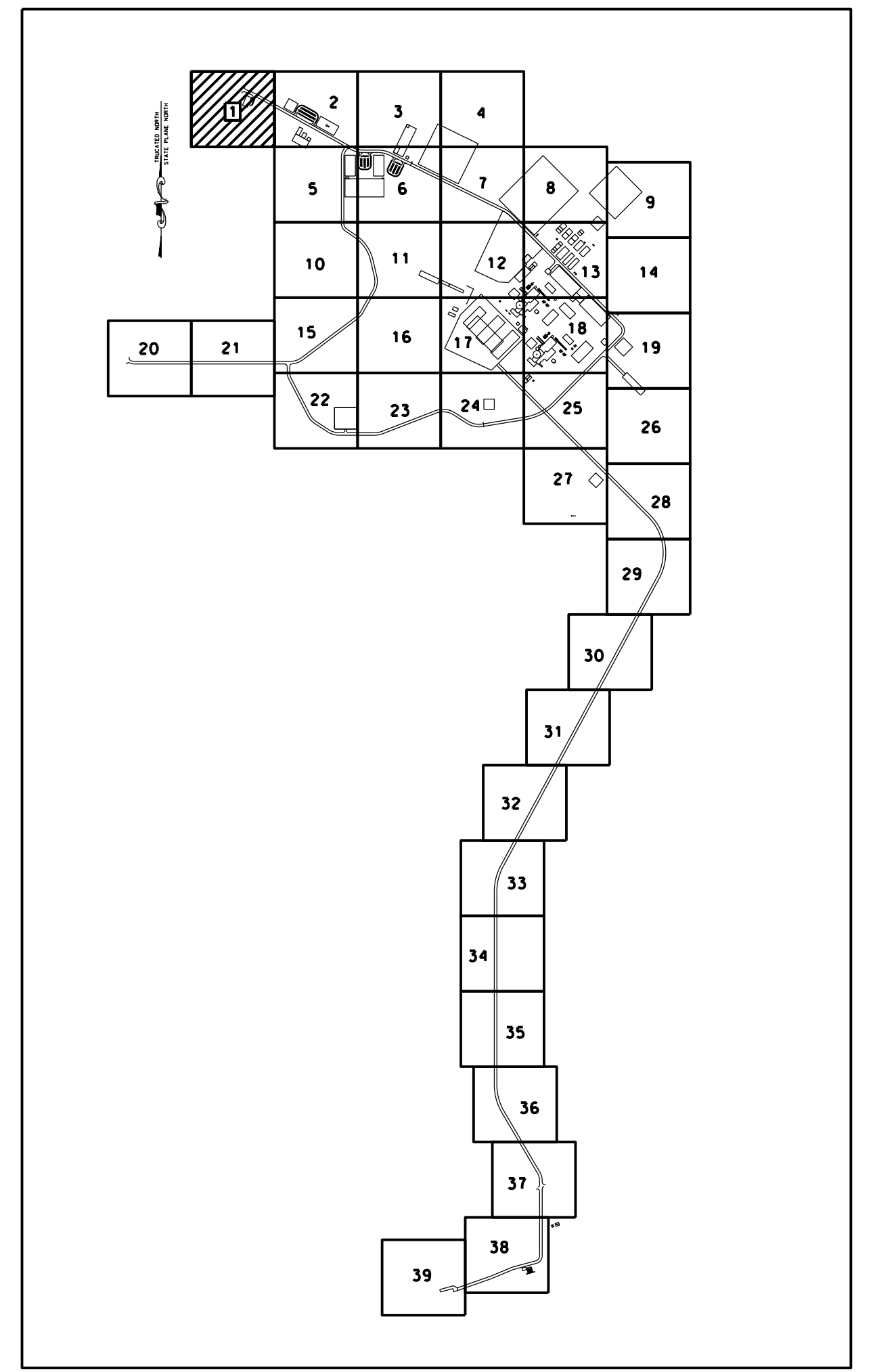
SECTION X-X'
1" = 40'

FOR PERMITTING

PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC... 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 CGA #8945		
	WET POND EXCAVATION CLASSIFICATION: E		
CONFIDENTIAL			
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PROGRESS ENERGY FLORIDA, INC		PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE			
WET POND EXCAVATION PLANS PONDS B, C1 & C2			
 Shaw Nuclear		DESIGNED BY: DEB	
		CHECKED BY: JVS	DATE
		SCALE 1" = 80'	5/17/08
SIZE	DRAWING NUMBER		REV NO
E	LNG-G1P2-XD-003		0

0	REVISION DESCRIPTION							TITLE	APPR	DATE
								PE		
								DW		
								LE		
REVISION								RE		
REVIEW	CSA		MECHANICAL					ELECT/INSTR		
	ARCH	CIVIL STRUC	PIPE	PIPE SUB	SA	ENG	HVAC	FIRE PROT	LTG	I&C

STATE PLANE NORTH
TRUNCATED NORTH



KEY MAP
SCALE: 1"=600'

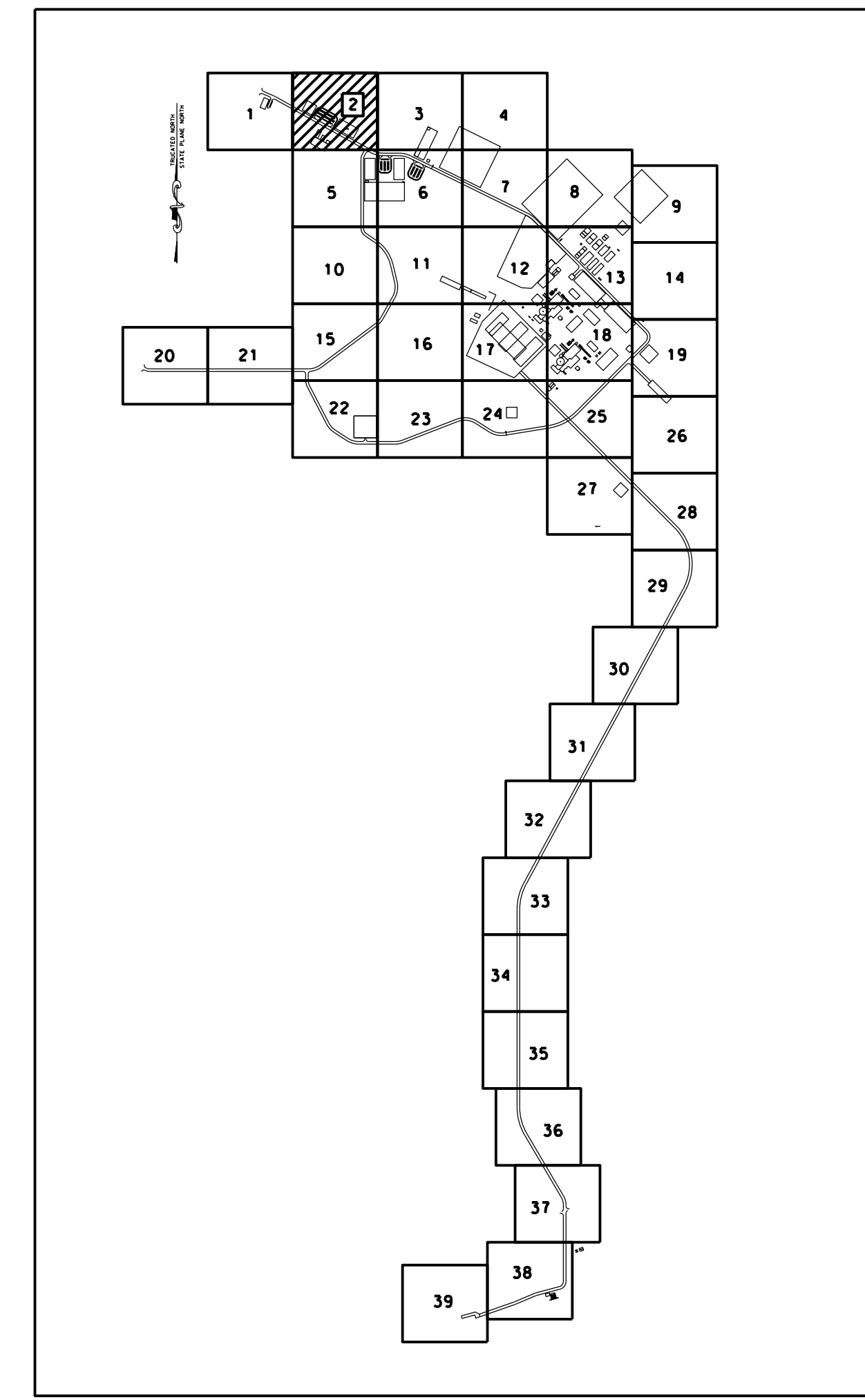
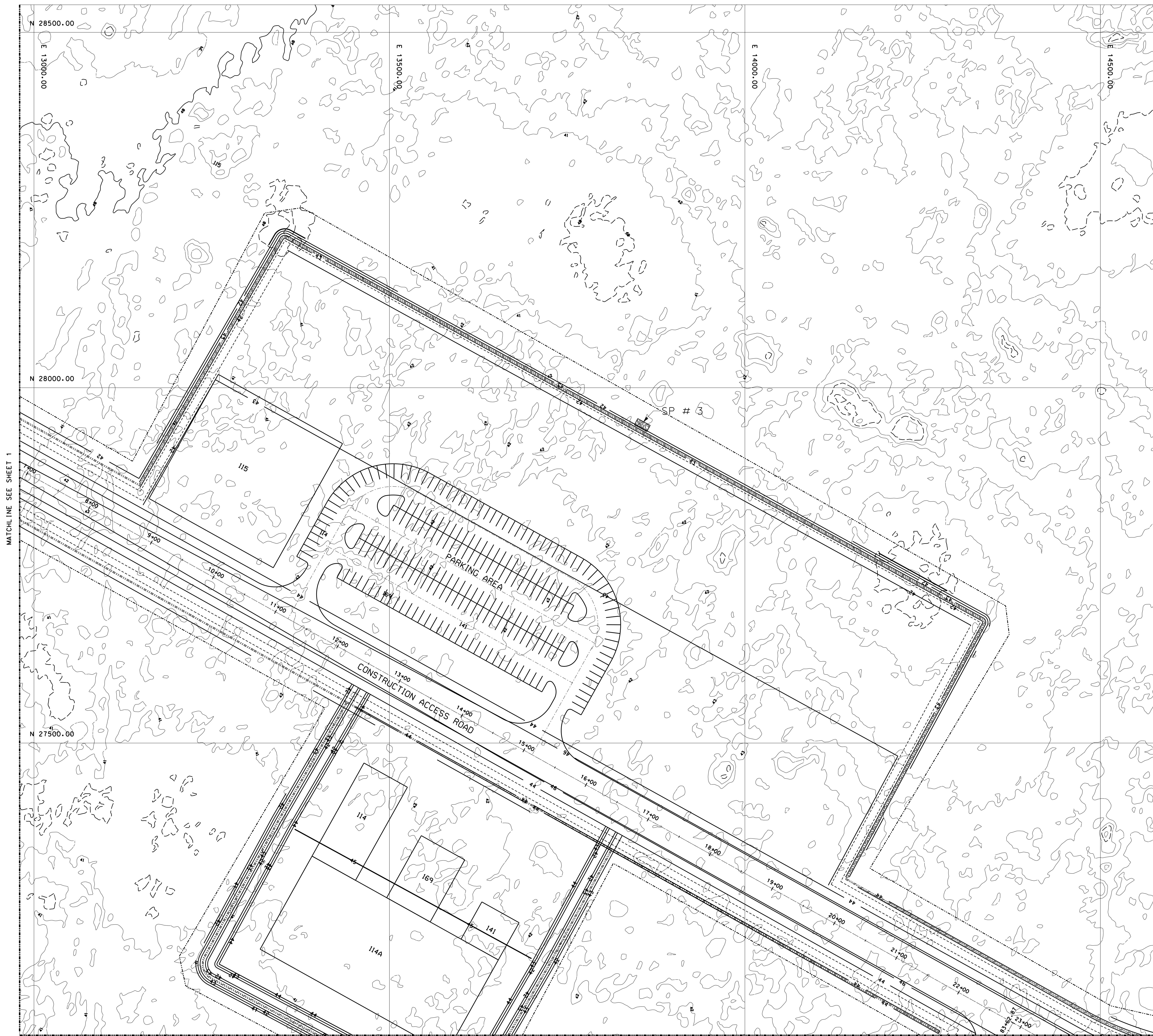
- LEGEND**
- 42.00 — PROPOSED MAJOR CONTOUR
 - - - 42.00 - - - PROPOSED MINOR CONTOUR
 - - - 42.00 - - - EXISTING MAJOR CONTOUR
 - - - 42.00 - - - EXISTING MINOR CONTOUR
 - SOIL TRACKING PREVENTION
 - NEW EDGE OF ROAD
 - - - EXISTING EDGE OF ROAD
 - LIMIT OF DISTURBANCE & TURBIDITY BARRIER
 - NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS, STAKED SILT FENCE IN UPLAND AREAS, AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE
 - SP- SPILLWAY (SEE DRY SWALE DETAIL)
 - BERM (SEE DRY SWALE DETAIL)

PE STAMP	SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #8945	
	WEC SAFETY CLASSIFICATION: E	
	CONFIDENTIAL	
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 1		
		DESIGNED BY: CHECKED BY: SCALE: 1"=50' DATE: 5-13-08
SIZE: E	DRAWING NUMBER: LNG-G1-X0-001	REV NO: 0

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUE FOR PERMITS	PE		
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		LE		
		RE		
REVIEW	REVIEW DESCRIPTION	ELECT/INSTR	SIZE	REV NO
ARCH	CIVIL STRUC	LTG		
PIPE	PIPE SUP			
SA	MECHANICAL			
ENG				
HVAC				
FIRE PROT				

50' 0 50' 100'
SCALE: 1"=50'

STATE PLANE NORTH
TRUNCATED NORTH



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 — PROPOSED MAJOR CONTOUR
- - - 42.00 - - - PROPOSED MINOR CONTOUR
- - - 42.00 - - - EXISTING MAJOR CONTOUR
- - - 42.00 - - - EXISTING MINOR CONTOUR
- SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- - - EXISTING EDGE OF ROAD
- LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS, STAKED SILT FENCE IN UPLAND AREAS, AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE
- SP= SPILLWAY (SEE DRY SWALE DETAIL)
- BERM (SEE DRY SWALE DETAIL)

PE STAMP
SHAW NUCLEAR
STONE & WEBSTER, INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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PROGRESS ENERGY FLORIDA, INC. PROGRESS ENERGY FLORIDA, INC.
LEVY NUCLEAR PLANT
UNITS 1 & 2

TITLE
SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 2

DESIGNED BY: [blank]
CHECKED BY: [blank]
SCALE: 1"=50' DATE: 5-13-08



REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
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		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/HNSTR	SIZE
	ARCH	CIVIL STRUC	PIPE SUP	SA
		ENG	HVAC	FIRE PROT
			LTG	IAC



MATCHLINE SEE SHEET 5

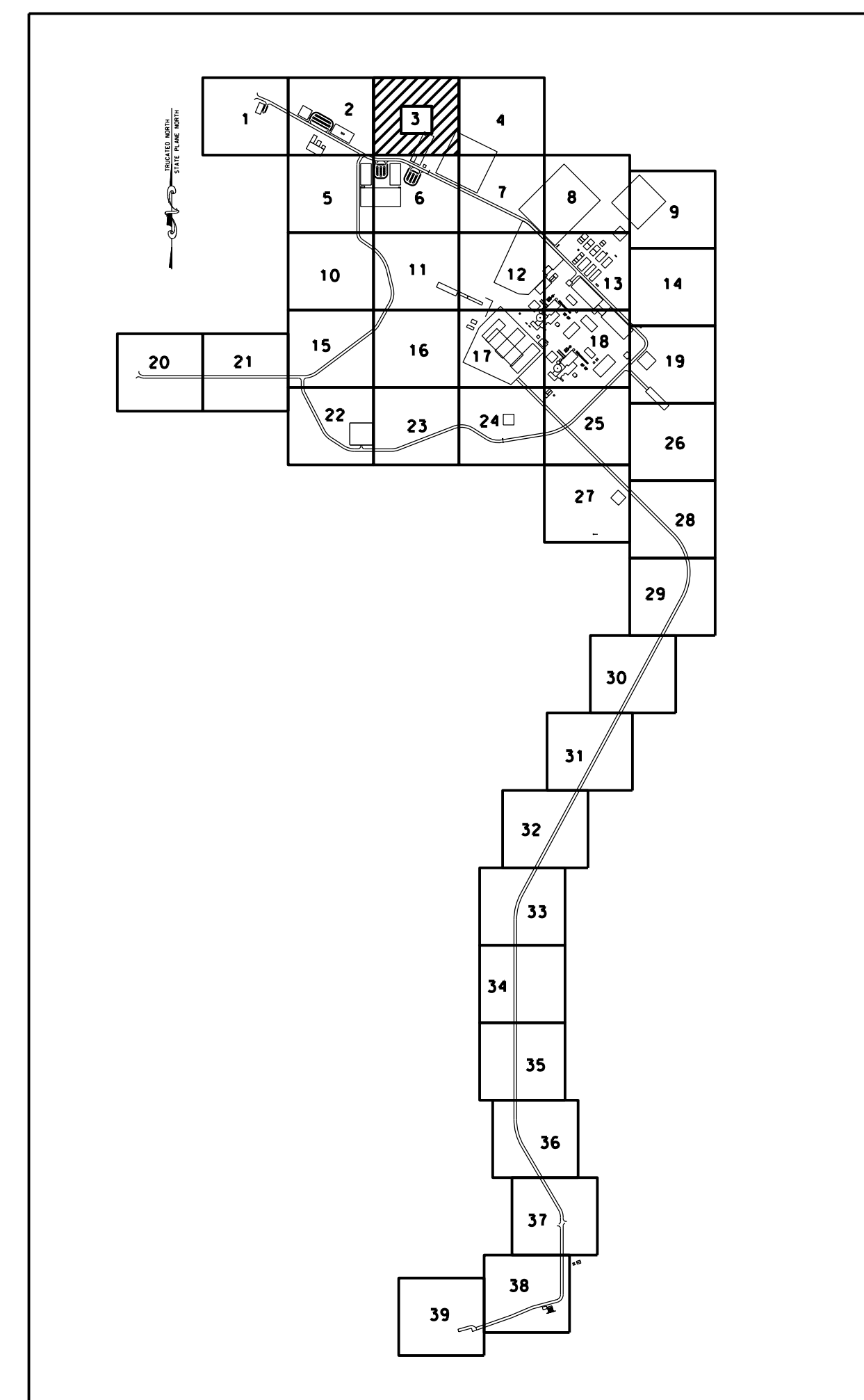
MATCHLINE SEE SHEET 1

MATCHLINE SEE SHEET 3

THIS DRAWING CREATED ELECTRONICALLY LNC-G1-XO-000.DGN 5/19/08

MATCHLINE SEE SHEET 2

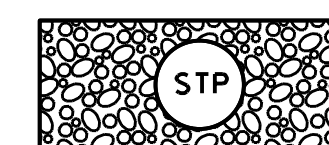
MATCHLINE SEE SHEET 4



KEY MAP
SCALE: 1"=600'

LEGEND

— 42.00 —	PROPOSED MAJOR CONTOUR
——— 42.00 —	PROPOSED MINOR CONTOUR
- · 42.00 - -	EXISTING MAJOR CONTOUR
----- 42.00 -	EXISTING MINOR CONTOUR



SOIL TRACKING PREVENTION

_____ NEW EDGE OF ROAD
 - - - - - EXISTING EDGE OF ROAD

L-O-D

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE

SP= SPILLWAY
(SEE DRY SWALE DETAIL)

BERM (SEE DRY SWALE DETAIL)

PF STAMP

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
---------------------------------	---

TIT

SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 3

DESIGNED BY:

CHECKED BY:



Shaw Nuclear



Shaw Nuclear

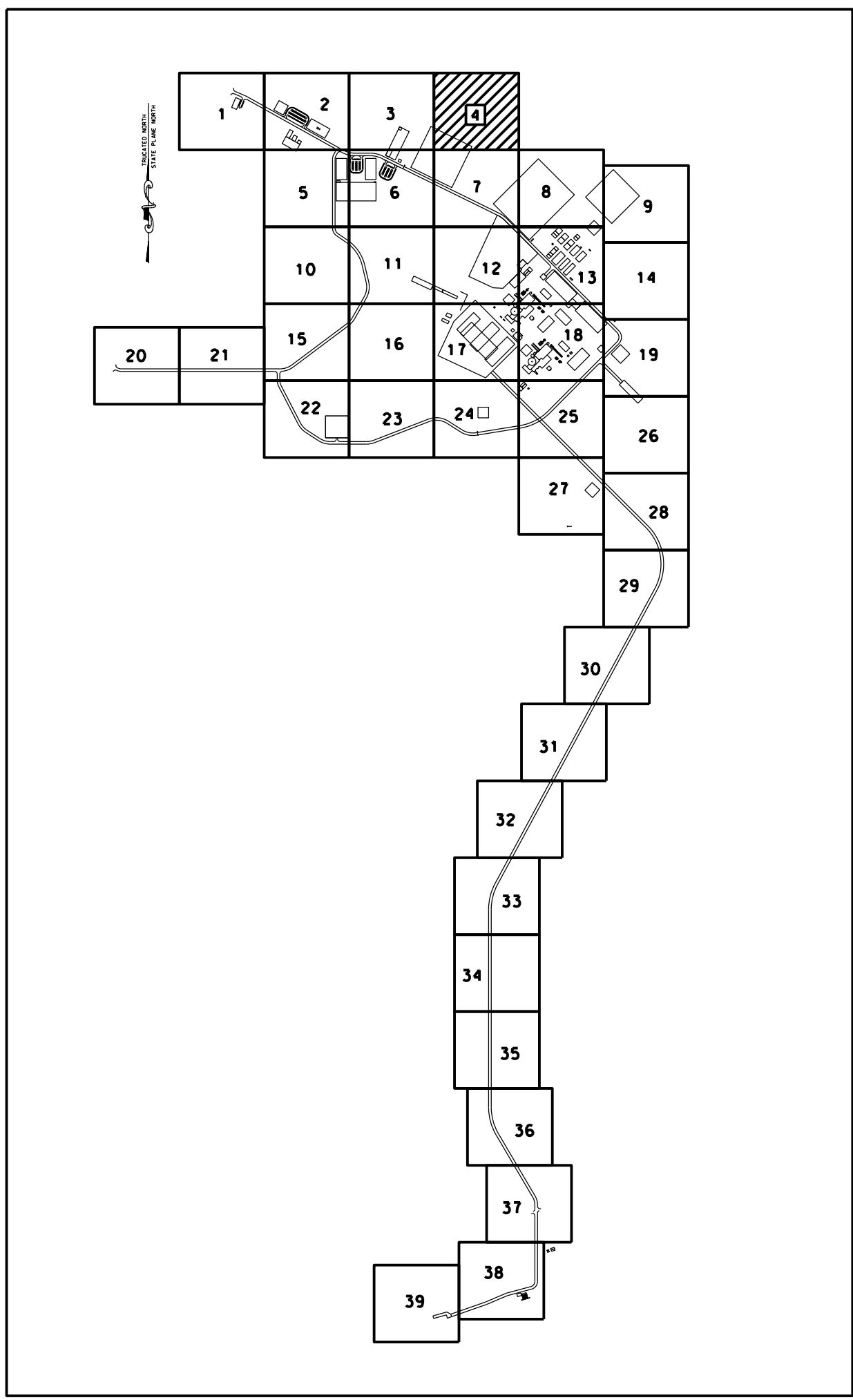
SIZE	DRAWING NUMBER
E	LNG-G1-X0-00

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STATE PLANE NORTH
TRUNCATED NORTH



- LEGEND**
- 42.00 — PROPOSED MAJOR CONTOUR
 - 42.00 — PROPOSED MINOR CONTOUR
 - 42.00 — EXISTING MAJOR CONTOUR
 - 42.00 — EXISTING MINOR CONTOUR
 - STR SOIL TRACKING PREVENTION
 - NEW EDGE OF ROAD
 - EXISTING EDGE OF ROAD
 - L-D-D LIMIT OF DISTURBANCE & TURBIDITY BARRIER
 - NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE
 - SP= SPILLWAY
(SEE DRY SWALE DETAIL)
 - BERM (SEE DRY SWALE DETAIL)

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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CONSENT OF STONE & WEBSTER, INC.

PROGRESS ENERGY FLORIDA, INC. PROGRESS ENERGY FLORIDA, INC.
LEVY NUCLEAR PLANT
UNITS 1 & 2

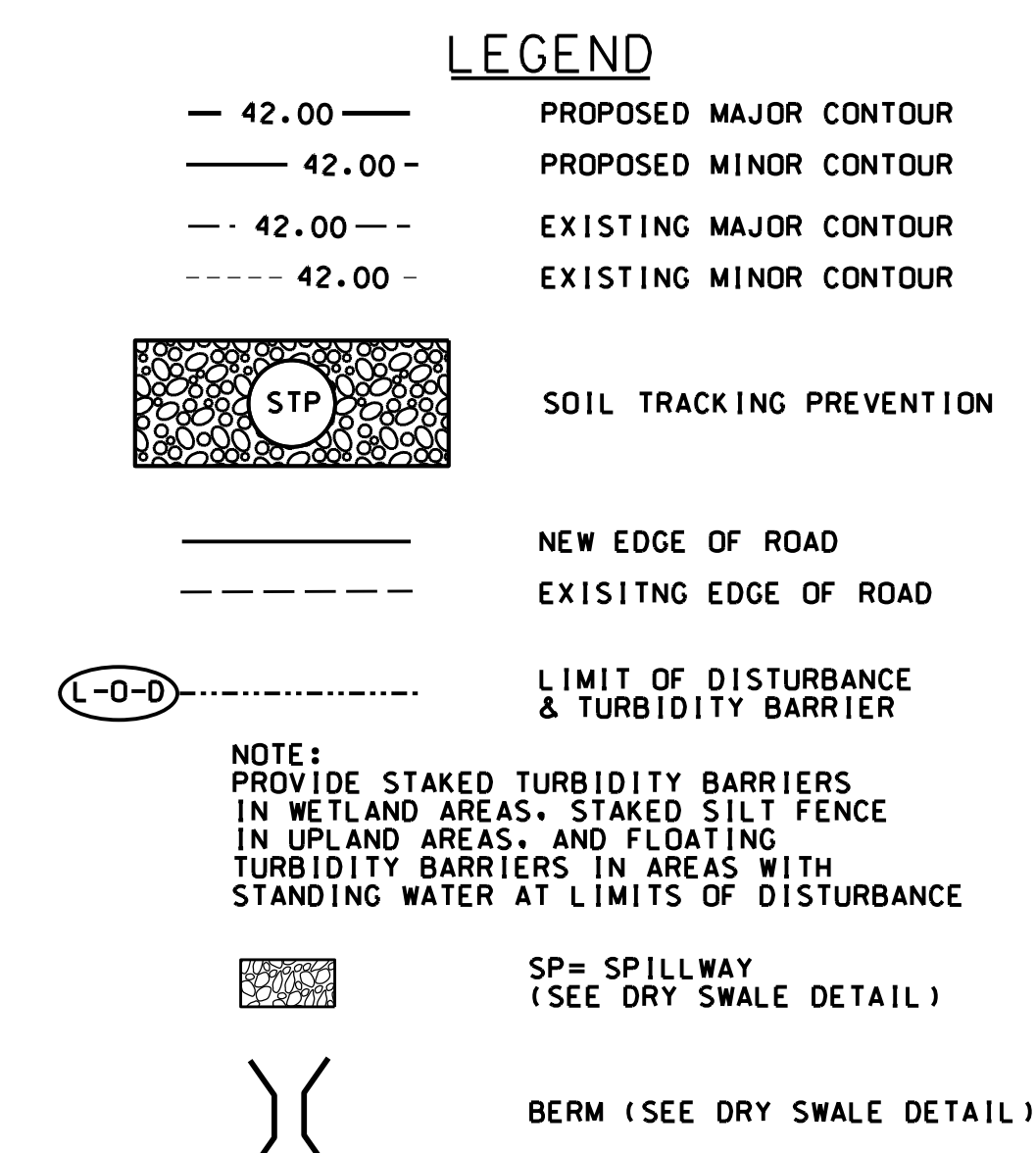
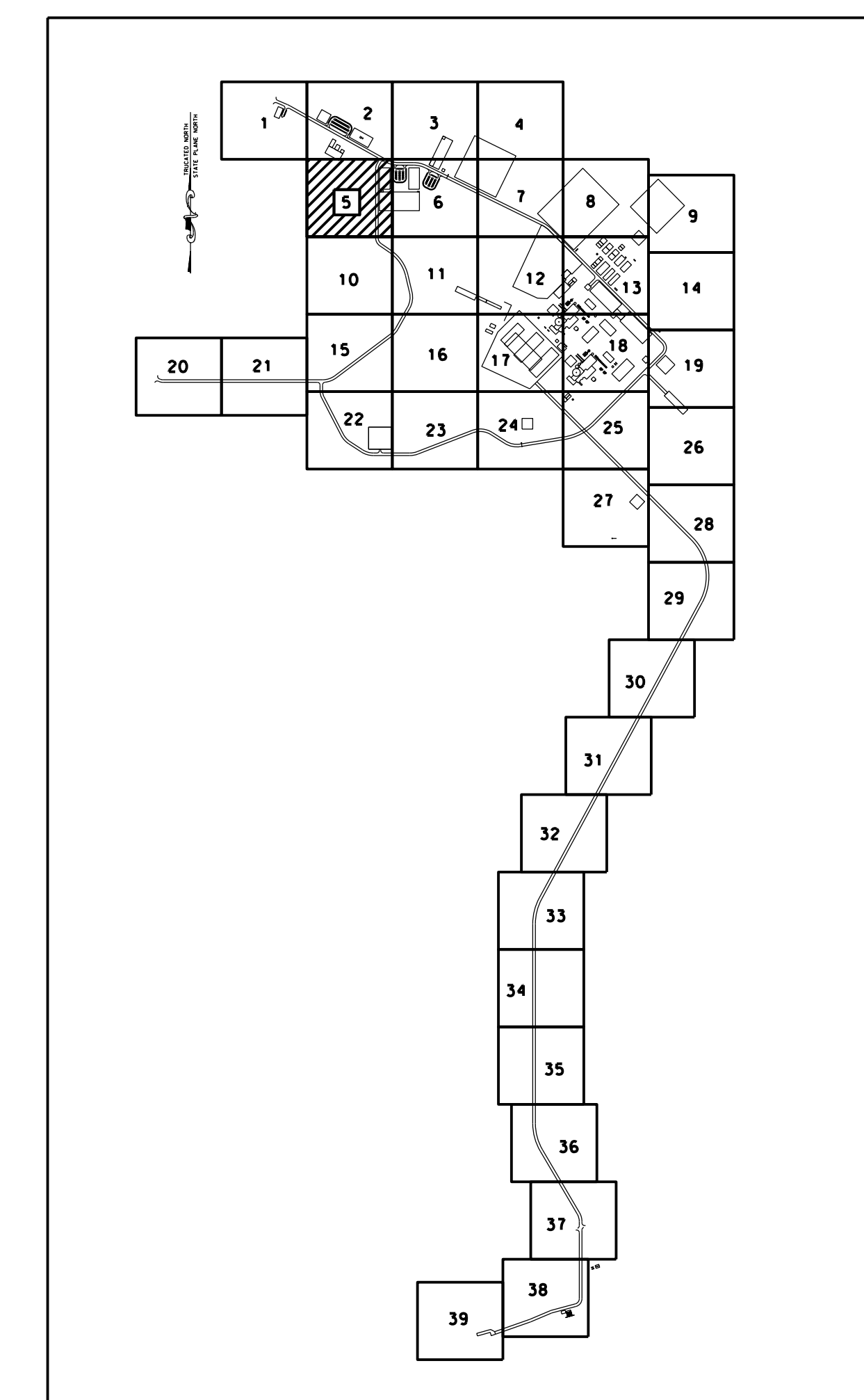
TITLE
SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 4

DESIGNED BY:
CHECKED BY:
SCALE
1"=50'
DATE
5-13-08

SHAW Nuclear
DRAWING NUMBER
LNG-G1-X0-004
REV NO
0

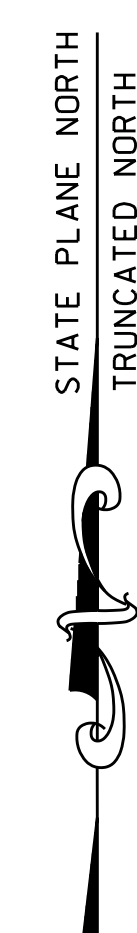
REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
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REVIEW	CSA	MECHANICAL	ELECT/HVTR	SIZE
	ARCH	CIVIL	PIPE	SA
	STRUC	SUP	ENG	HVAC
			FIRE	PROT
			LTG	IAC

50' 0 50' 100'
SCALE: 1"=50'

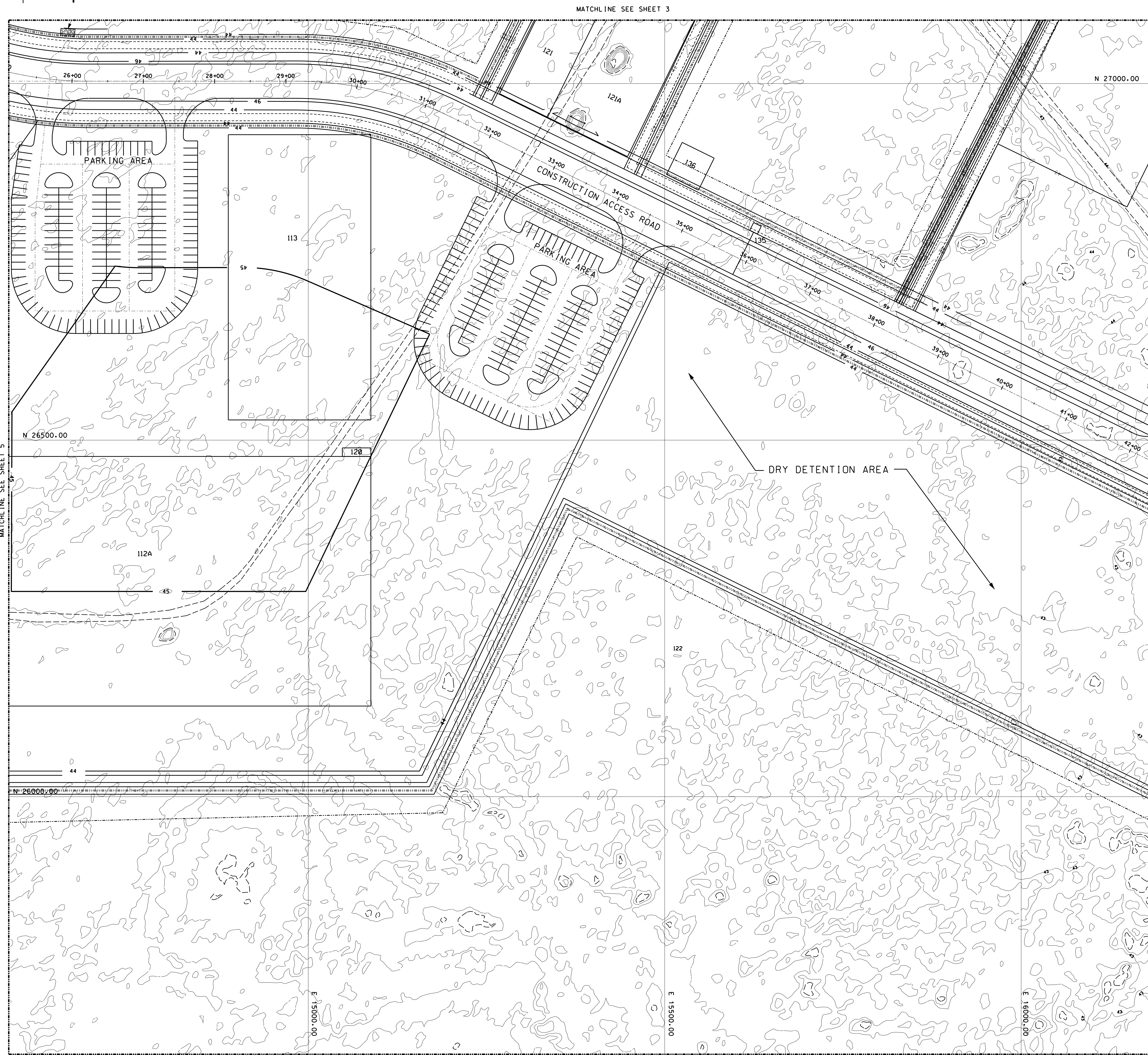


PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUTING, MA 02072-4705 CDA #B945		
	WEC SAFETY CLASSIFICATION: E		
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PROGRESS ENERGY FLORIDA, INC		PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 5			
 Shaw Nuclear		DESIGNED BY: CHECKED BY:	
		SCALE 1"=50'	DATE 5-13-08
SIZE	DRAWING NUMBER		REV NO
F	LNG-01-XD-005		

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THIS DRAWING CREATED ELECTRONICALLY NC-GI-X0-005 DGN 5/19/08



- NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE

 SP= SPILLWAY
(SEE DRY SWALE DETAIL)

BERM (SEE DRY SWALE DETAIL)

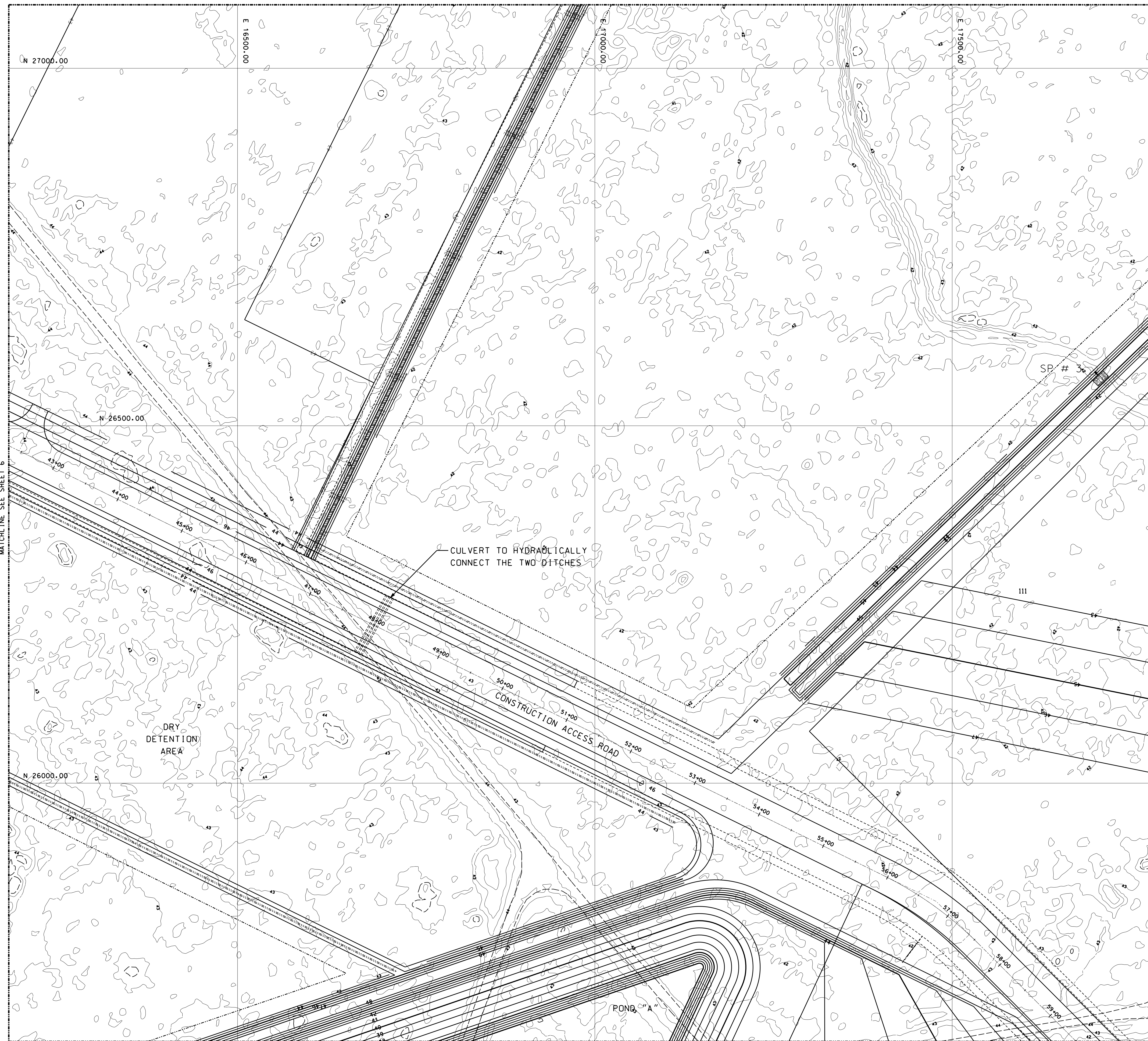
PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #08945		
	WEC SAFETY CLASSIFICATION: E		
CONFIDENTIAL			
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PROGRESS ENERGY FLORIDA, INC		PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 6			
		DESIGNED BY:	
		CHECKED BY:	
		SCALE 1"=50'	DATE 5-06-08
SIZE	DRAWING NUMBER		REV NO
E	LNG-G1-XO-006		

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								RE		
REVIEW	CSA		MECHANICAL						ELECT/INSTR	
	ARCH	CIVIL/STRUCTURE	PIPE	PIPE SUP	SA	ENG	HVAC	FIRE PROT	LGTG	IAC

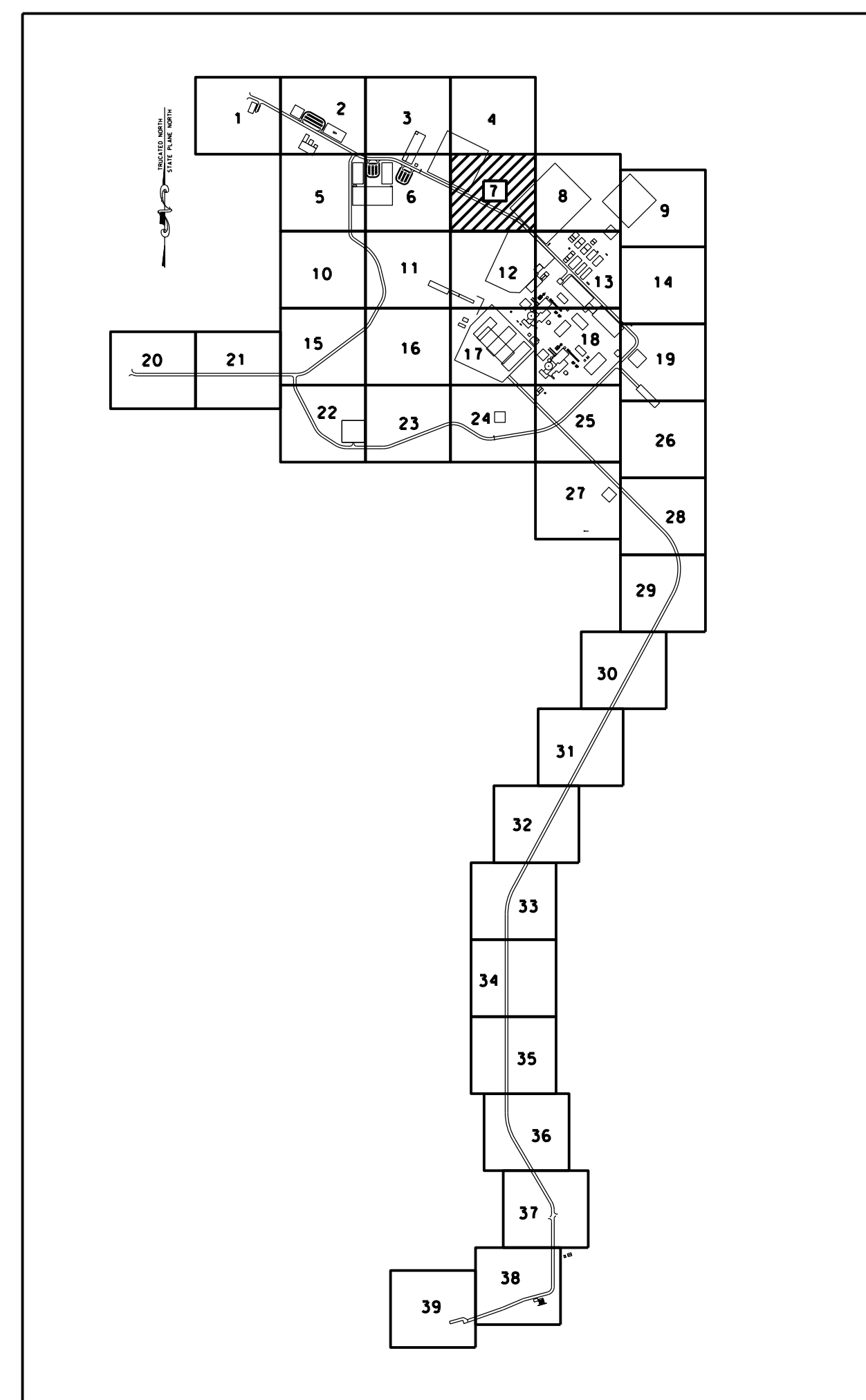


STATE PLANE NORTH
TRUNCATED NORTH

MATCHLINE SEE SHEET 4



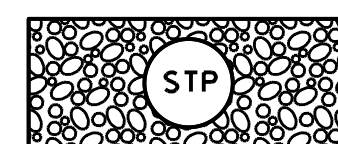
MATCHLINE SEE SHEET 12



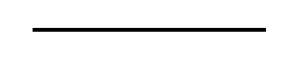
MATCHLINE SEE SHEET 8

LEGEND

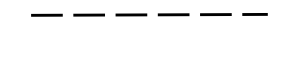
- 42.00 PROPOSED MAJOR CONTOUR
- 42.00 PROPOSED MINOR CONTOUR
- 42.00 EXISTING MAJOR CONTOUR
- 42.00 EXISTING MINOR CONTOUR



SOIL TRACKING PREVENTION



NEW EDGE OF ROAD



EXISTING EDGE OF ROAD



LIMIT OF DISTURBANCE & TURBIDITY BARRIER

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE



SP= SPILLWAY
(SEE DRY SWALE DETAIL)



BERM (SEE DRY SWALE DETAIL)

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #B945

WEC SAFETY CLASSIFICATION: E

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PROGRESS ENERGY
FLORIDA, INC

PROGRESS ENERGY FLORIDA, INC
LEVY NUCLEAR PLANT
UNITS 1 & 2

TITLE
SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 7

DESIGNED BY:
CHECKED BY:
SCALE
1"=50'
DATE
5-13-08
REV NO
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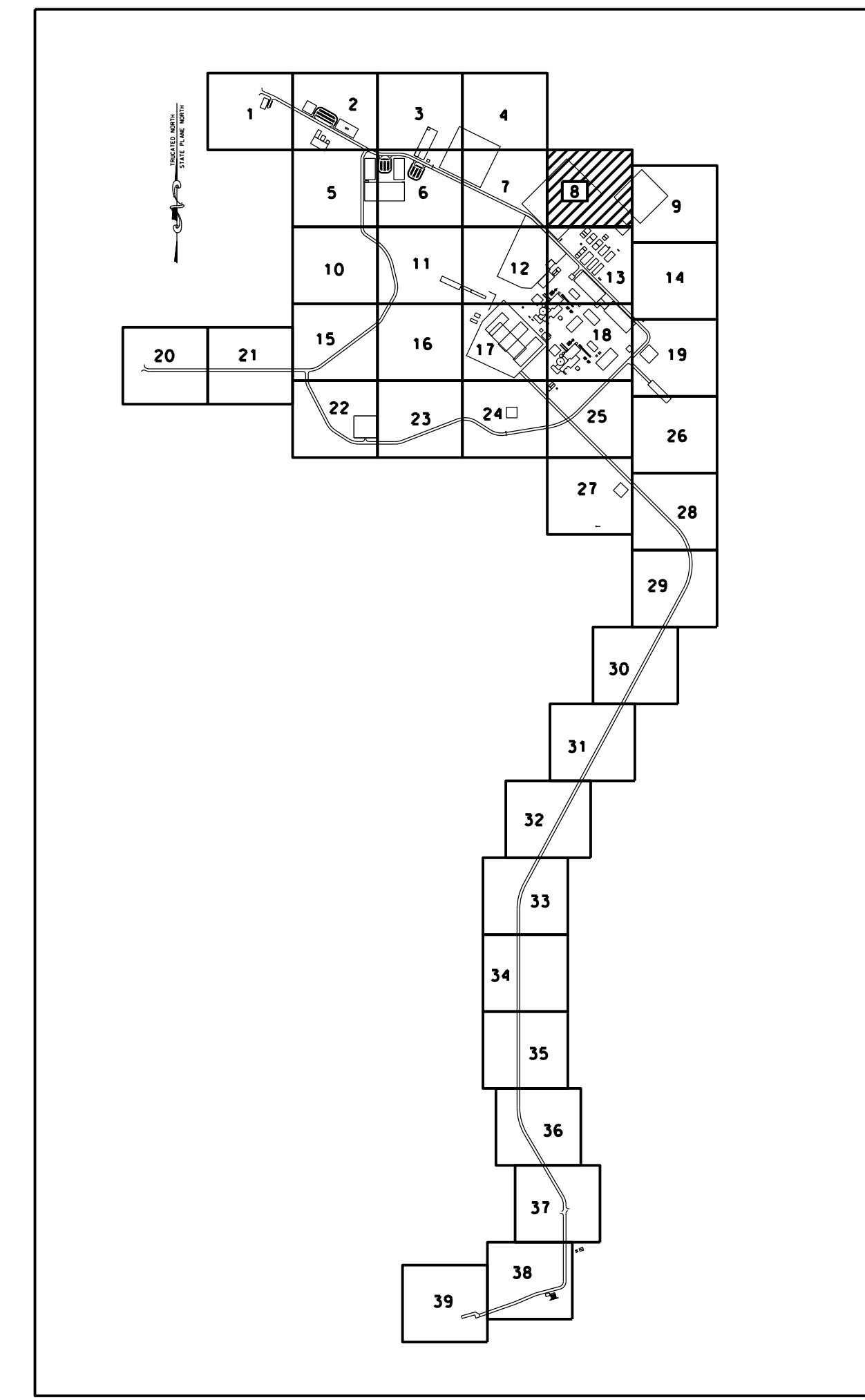
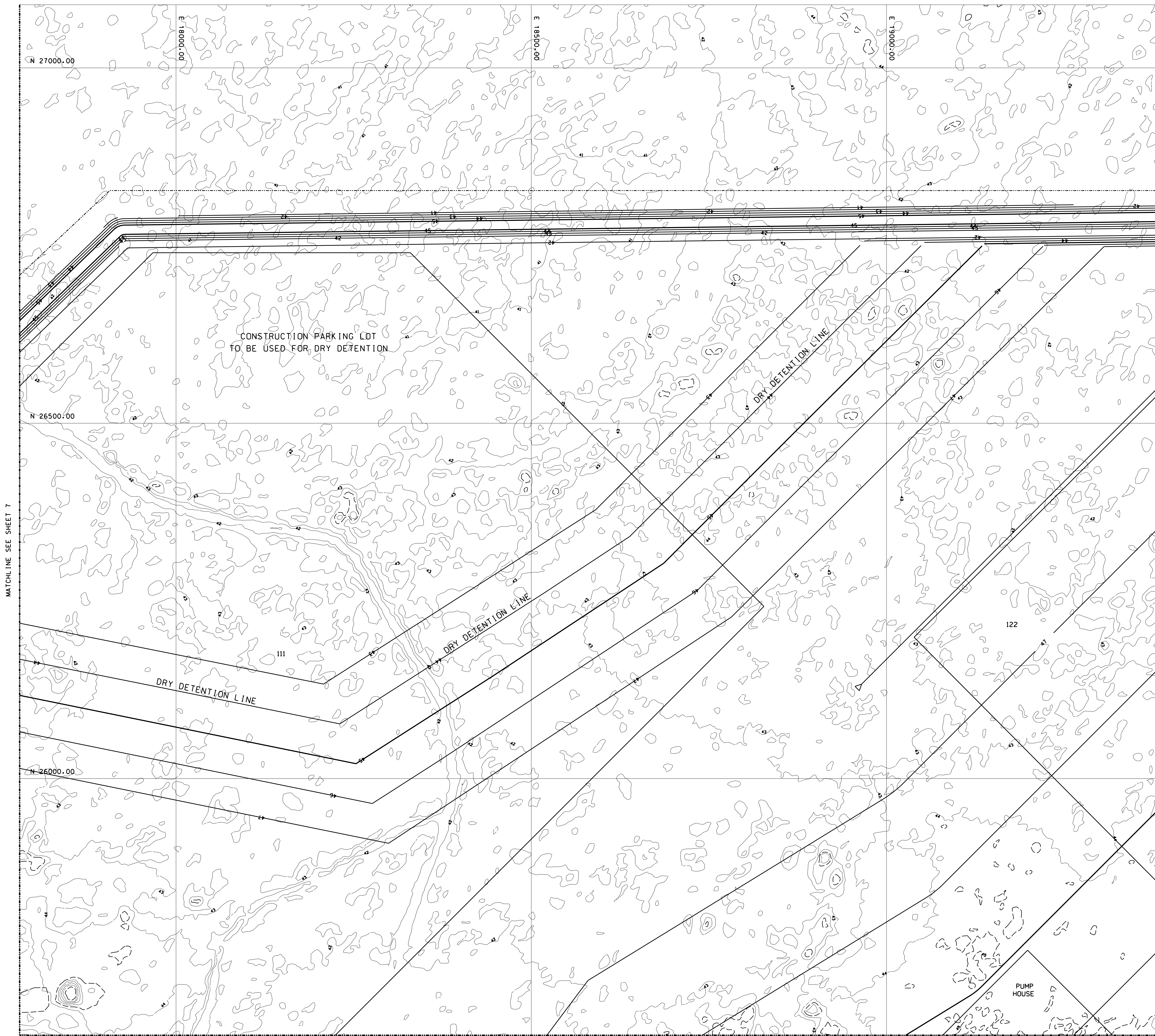


REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
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REVIEW	CSA	MECHANICAL	ELECT/HNSTR	SIZE
	ARCH	CIVIL STRUC	PIPE SUP	SA
		ENG	HVAC	FIRE PROT
		LTG	IAC	

DRAWING NUMBER
LNG-G1-X0-007

THIS DRAWING CREATED ELECTRONICALLY
LNG-G1-X0-007.DGN 5/19/08

STATE PLANE NORTH
TRUNCATED NORTH



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 - PROPOSED MAJOR CONTOUR
- 42.00 - PROPOSED MINOR CONTOUR
- 42.00 - EXISTING MAJOR CONTOUR
- 42.00 - EXISTING MINOR CONTOUR
- STP - SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- L-0-0 - LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS, STAKED SILT FENCE IN UPLAND AREAS, AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE
- SP= SPILLWAY (SEE DRY SWALE DETAIL)
- B (SEE DRY SWALE DETAIL)

PE STAMP
SHAW NUCLEAR
STONE & WEBSTER, INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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PROGRESS ENERGY FLORIDA, INC. PROGRESS ENERGY FLORIDA, INC.
LEVY NUCLEAR PLANT
UNITS 1 & 2

TITLE
SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 8

DESIGNED BY: DATE: 5-06-08
CHECKED BY: SCALE: 1"=50'
REV NO: 0

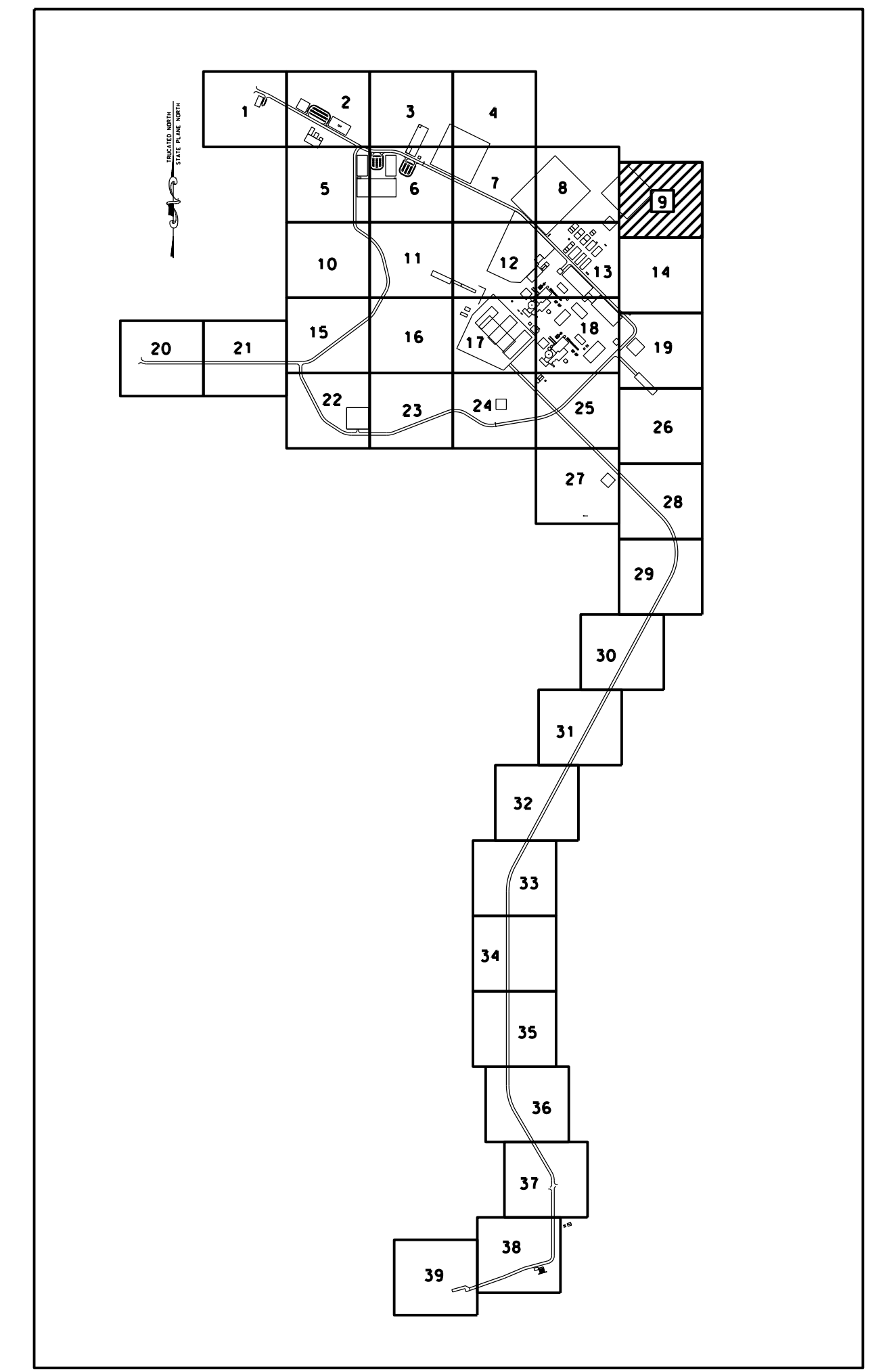
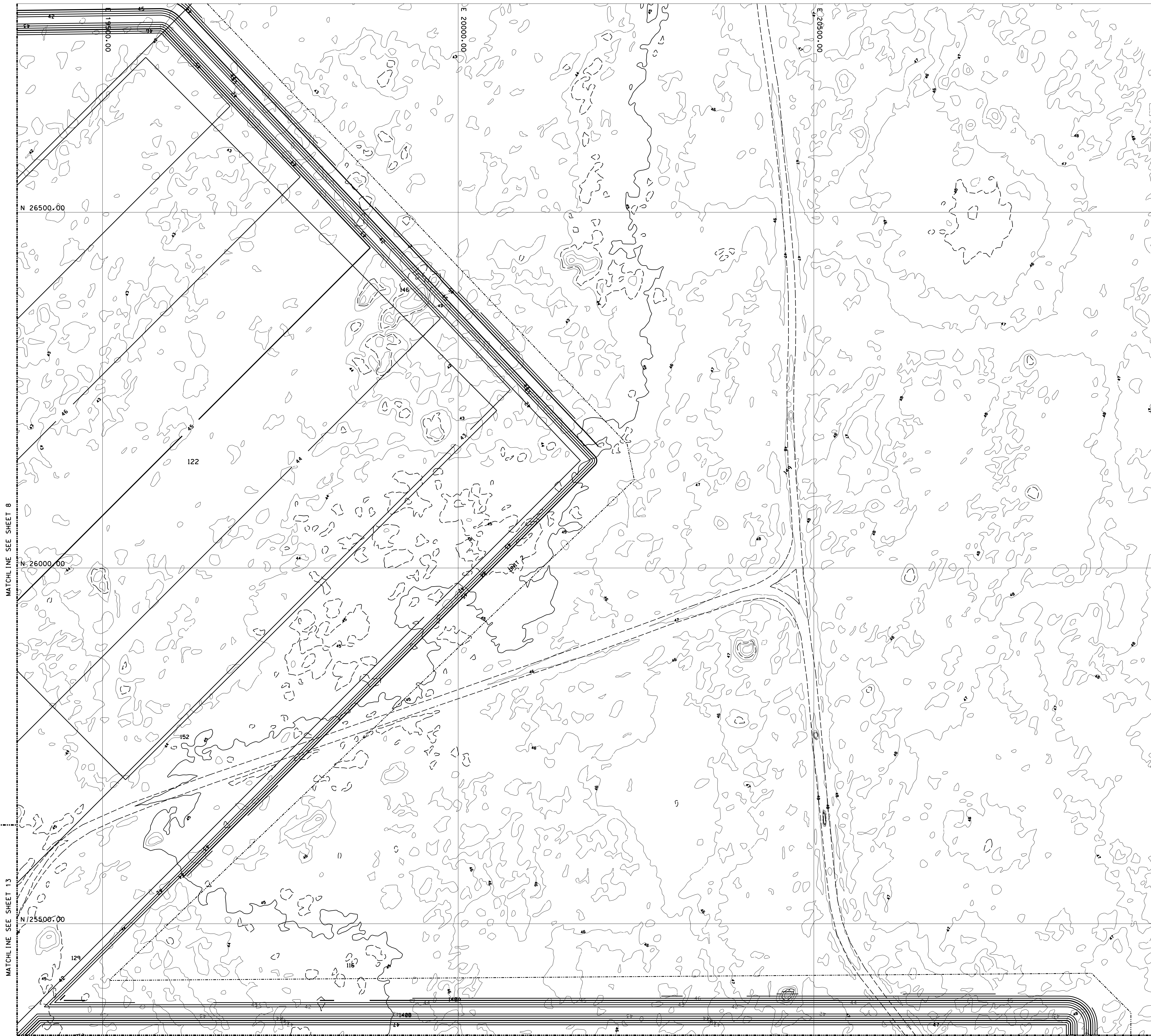
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50' 0 50' 100'
SCALE: 1"=50'

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
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REVIEW	REVIEW DESCRIPTION	REVIEWER	DATE	REVISION
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PIPE				
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SUP				
SA				
ENG				
HVAC				
FIRE				
PROT				
ELECT/HNSTR				
LTG				
IAC				
SIZE				
E				



STATE PLANE NORTH
TRUNCATED NORTH



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 — PROPOSED MAJOR CONTOUR
- - - 42.00 - - - PROPOSED MINOR CONTOUR
- - - 42.00 - - - EXISTING MAJOR CONTOUR
- - - 42.00 - - - EXISTING MINOR CONTOUR
- SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS, STAKED SILT FENCE IN UPLAND AREAS, AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE.
- SP= SPILLWAY (SEE DRY SWALE DETAIL)
- BERM (SEE DRY SWALE DETAIL)

MATCHLINE SEE SHEET 8

MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 14



REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
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REVIEW	CSA	MECHANICAL	ELECT/HNSTR	SIZE
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		SA	ENG	
		HVAC	FIRE	
		PROT		

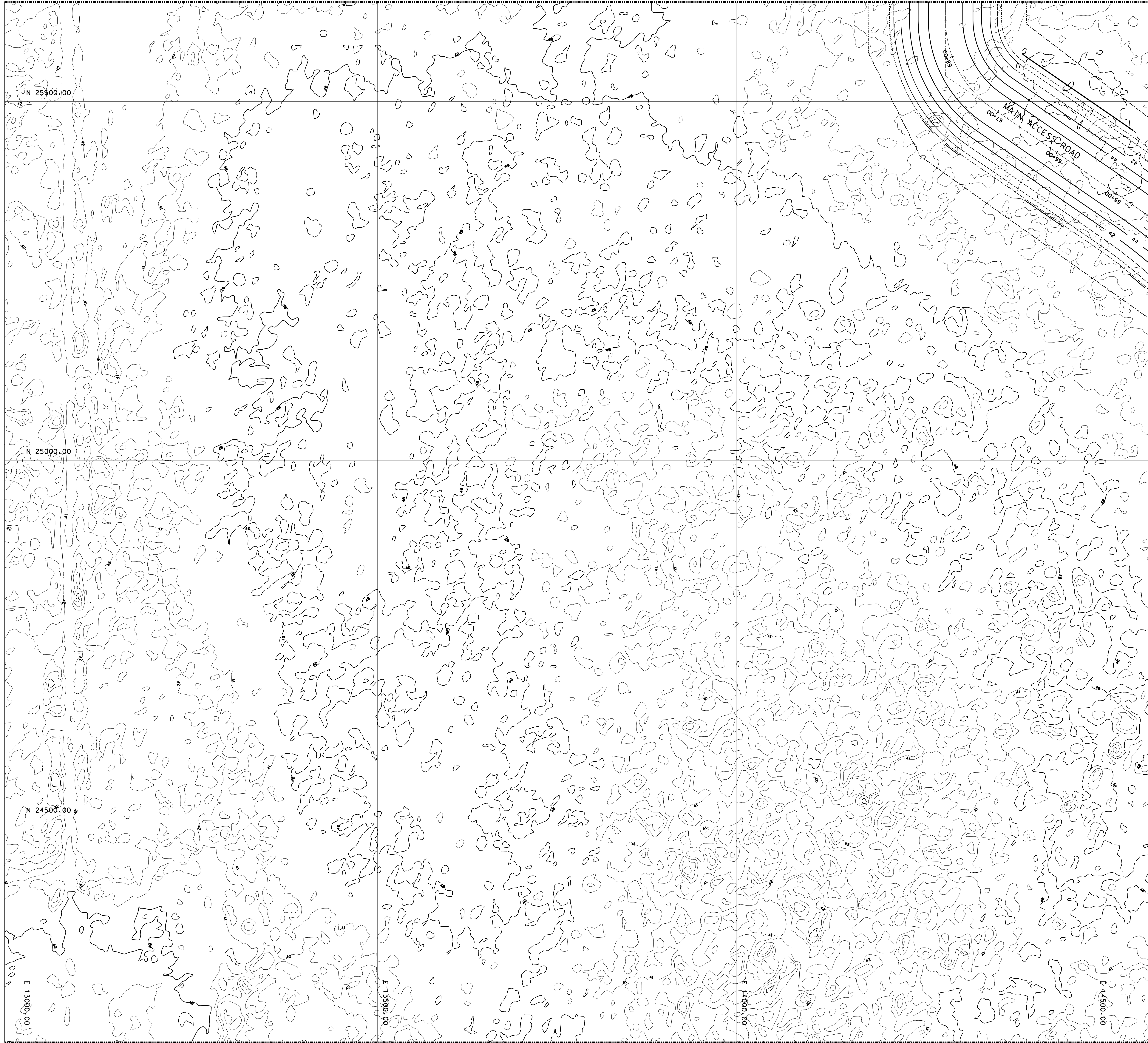
PE STAMP	SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #B945	
	WEC SAFETY CLASSIFICATION: E	
	CONFIDENTIAL	
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 9		
DESIGNED BY: CHECKED BY:		DATE 5-13-08
SCALE 1"=50'		REV NO 0
DRAWING NUMBER LNG-G1-XO-009		



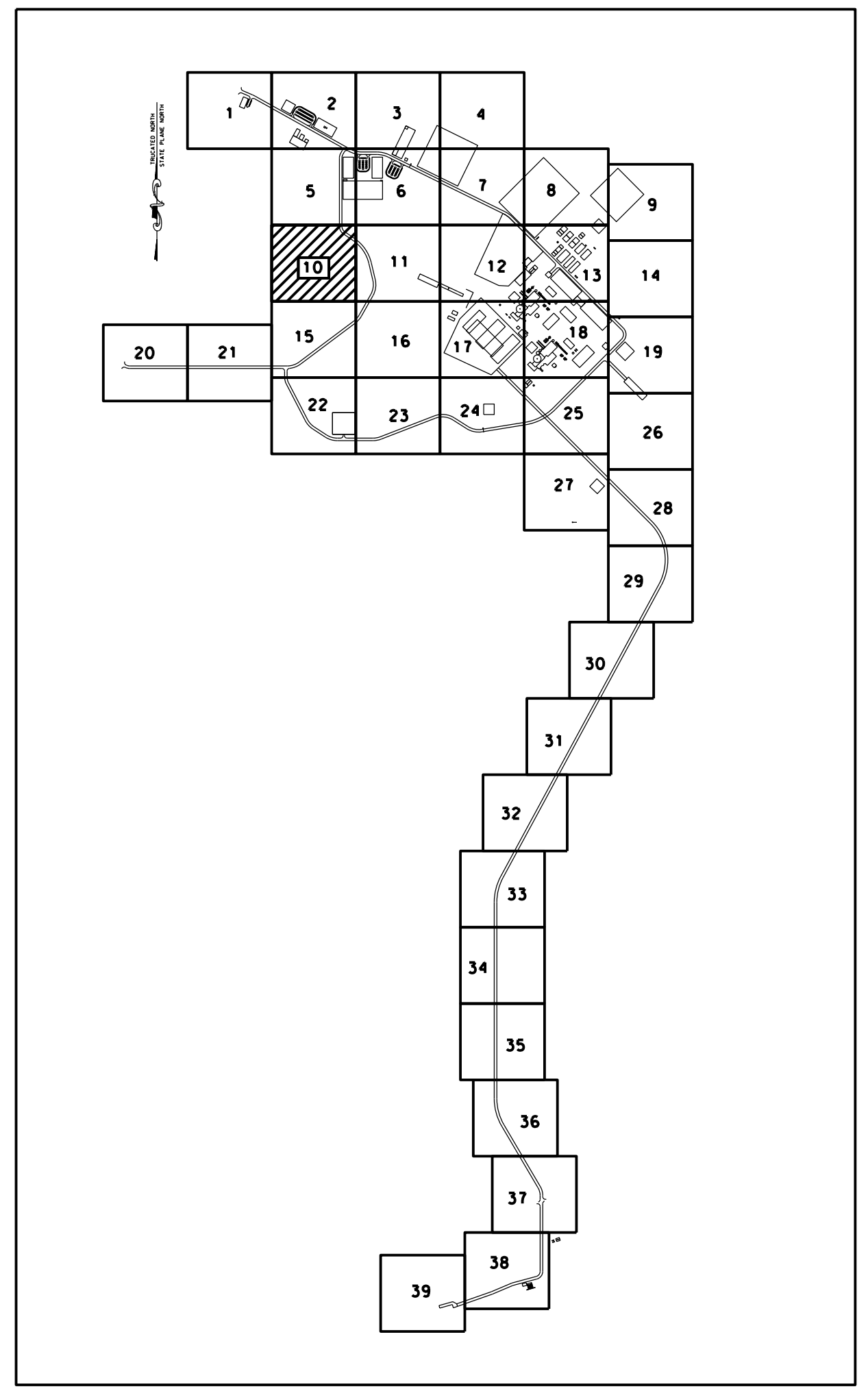
LNG-G1-XO-009.DGN 5/19/08
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STATE PLANE NORTH
TRUNCATED NORTH

MATCHLINE SEE SHEET 5



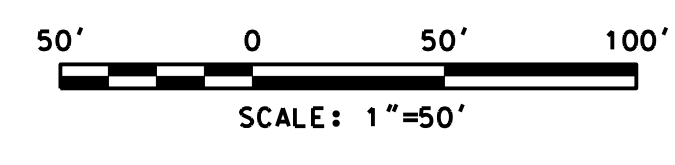
MATCHLINE SEE SHEET 15



KEY MAP
SCALE: 1"=600'

- LEGEND**
- 42.00 — PROPOSED MAJOR CONTOUR
 - - - 42.00 - - - PROPOSED MINOR CONTOUR
 - - - 42.00 - - - EXISTING MAJOR CONTOUR
 - - - 42.00 - - - EXISTING MINOR CONTOUR
 - SOIL TRACKING PREVENTION
 - NEW EDGE OF ROAD
 - EXISTING EDGE OF ROAD
 - LIMIT OF DISTURBANCE & TURBIDITY BARRIER
 - NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE
 - SP= SPILLWAY
(SEE DRY SWALE DETAIL)
 - BERM (SEE DRY SWALE DETAIL)

PE STAMP	SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #8945	
	WEC SAFETY CLASSIFICATION: E	
	CONFIDENTIAL	
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 10		
		DESIGNED BY: CHECKED BY: SCALE 1"=50'
SIZE E		DATE 5-13-08
DRAWING NUMBER LNG-G1-X0-010		REV NO 0

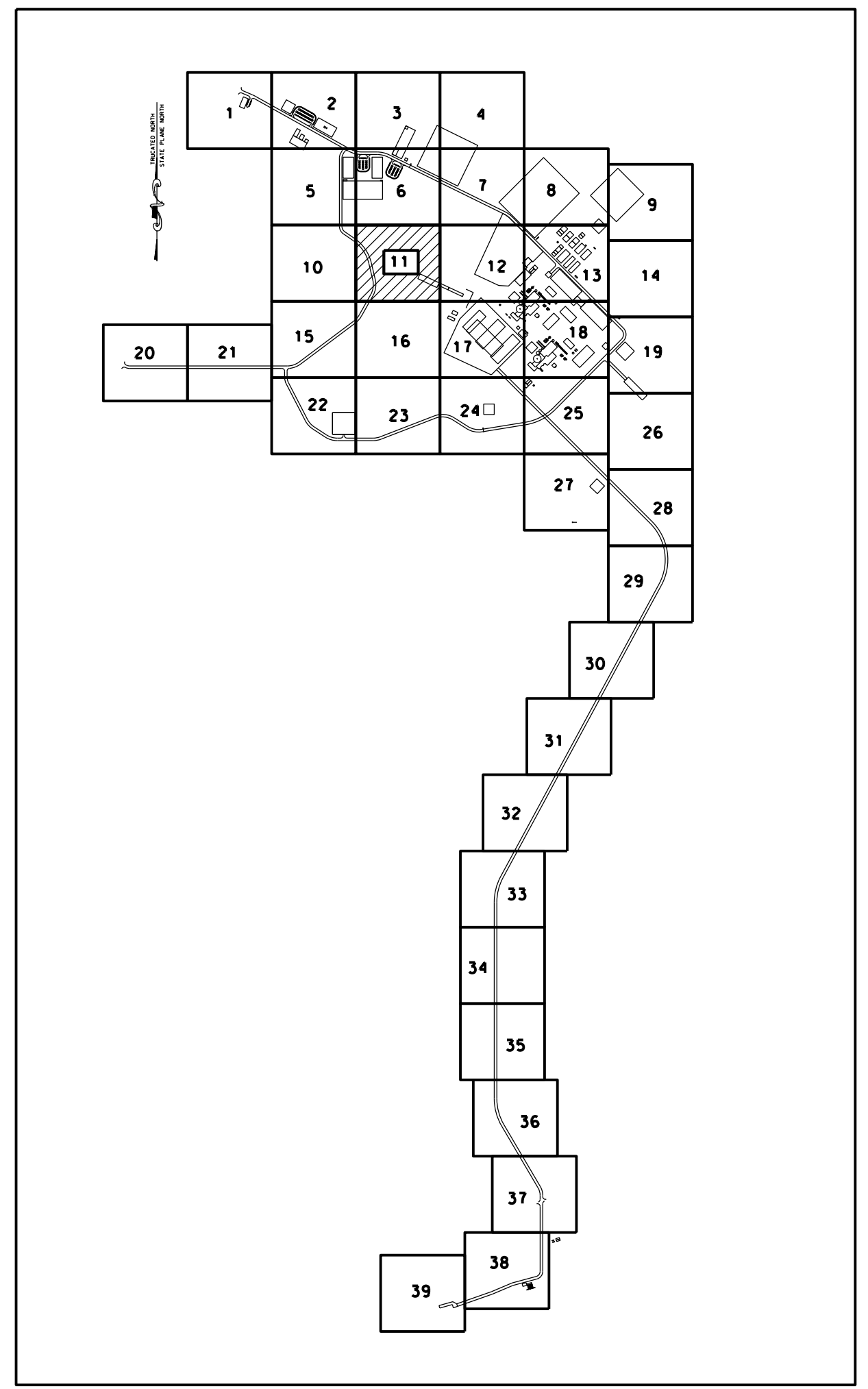
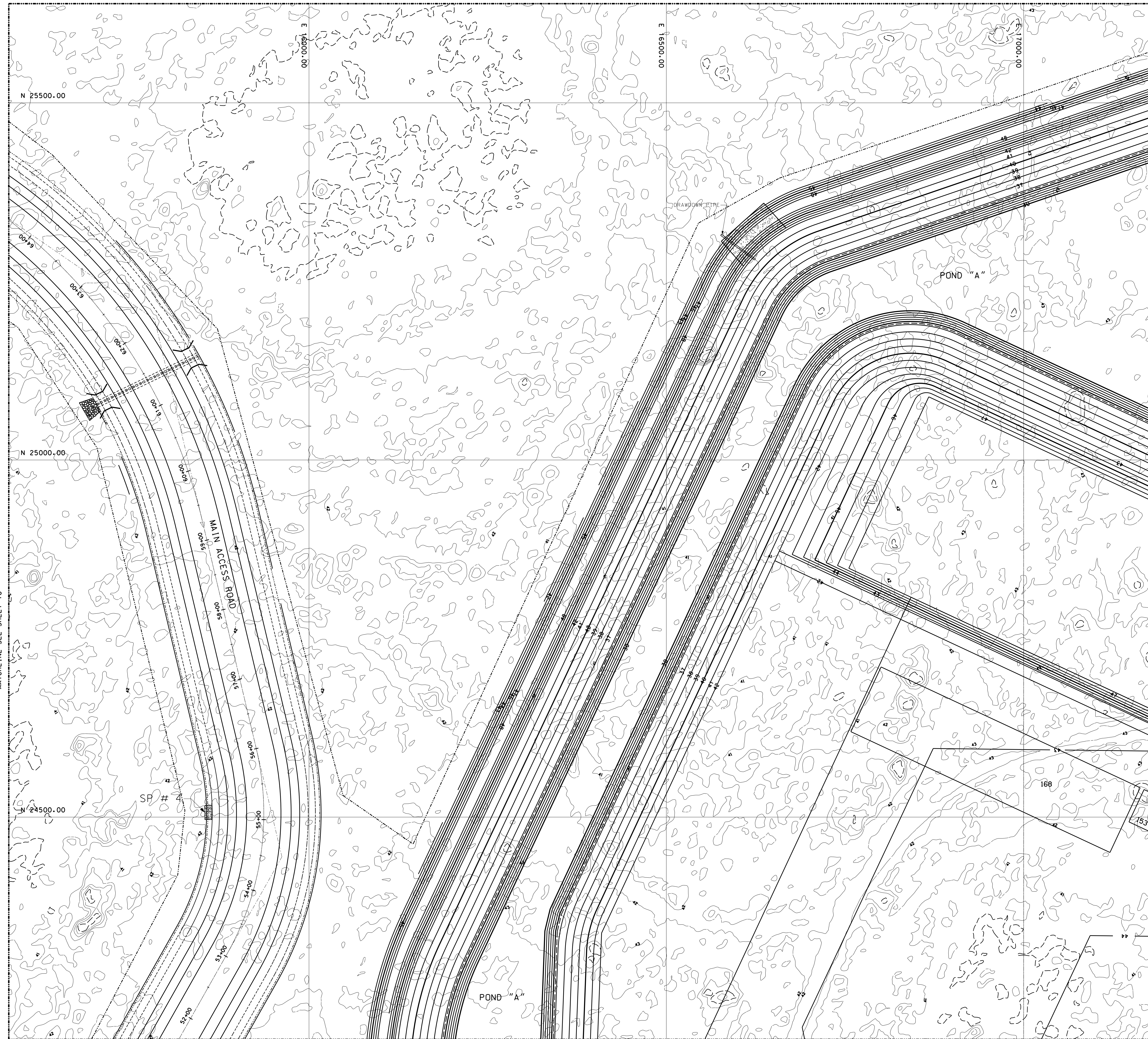


REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUE FOR PERMITS	PE		
		DY		
		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/INSTR	
	ARCH	CIVIL STRUC	PIPE SUP	SA
		ENG	HVAC	FIRE PROT
		LTG	IAC	

LNG-G1-X0-010.DGN 5/19/08
THIS DRAWING CREATED ELECTRONICALLY

STATE PLANE NORTH
TRUNCATED NORTH

MATCHLINE SEE SHEET 6



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 — PROPOSED MAJOR CONTOUR
- - - 42.00 - - - PROPOSED MINOR CONTOUR
- - - 42.00 - - - EXISTING MAJOR CONTOUR
- - - 42.00 - - - EXISTING MINOR CONTOUR
- SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS; STAKED SILT FENCE IN UPLAND AREAS; AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE
- SP= SPILLWAY (SEE DRY SWALE DETAIL)
- BERM (SEE DRY SWALE DETAIL)

MATCHLINE SEE SHEET 10

MATCHLINE SEE SHEET 12

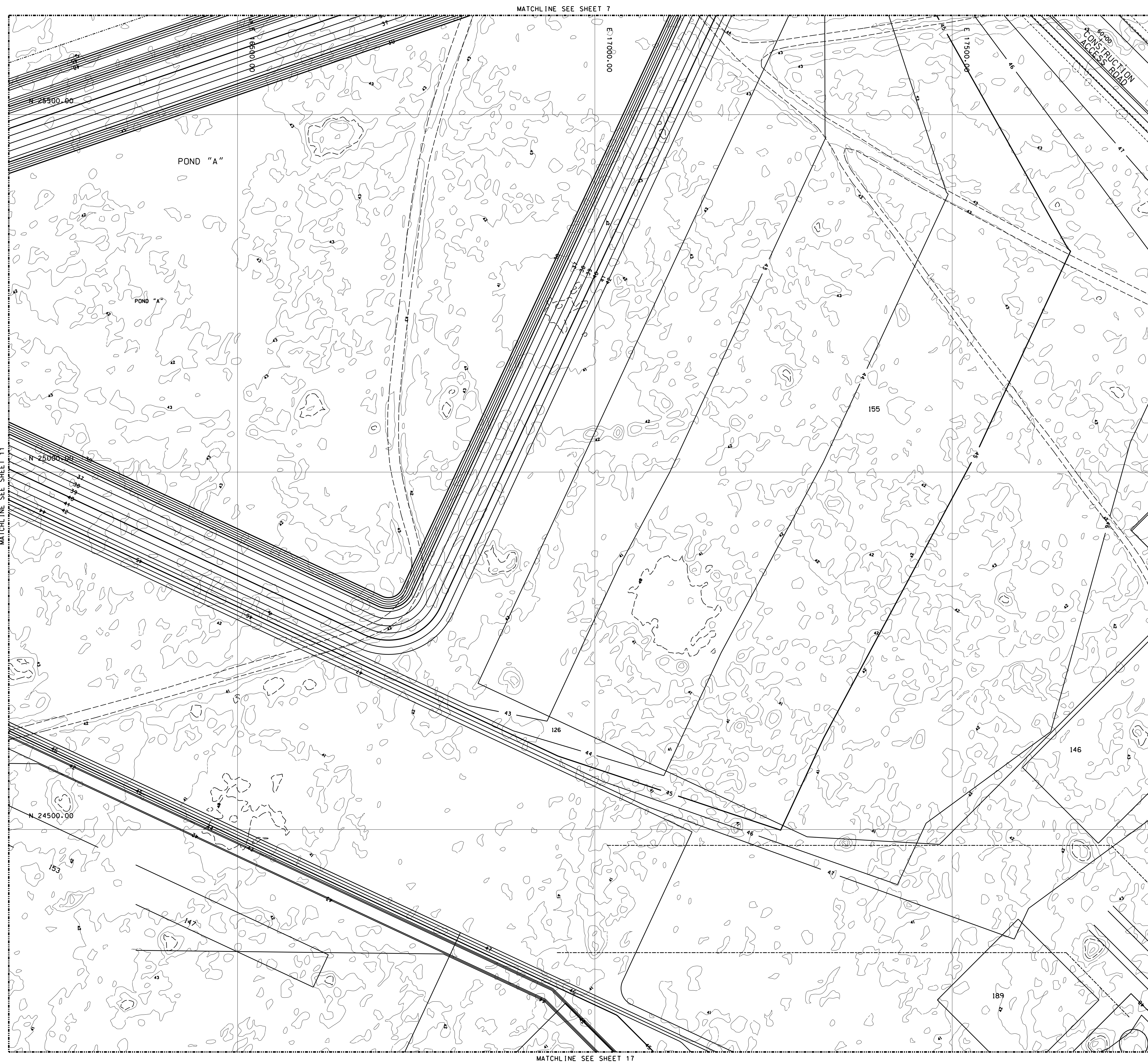
MATCHLINE SEE SHEET 16



PE STAMP	SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #B945	
	WEC SAFETY CLASSIFICATION: E	
	CONFIDENTIAL	
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 11		
		DESIGNED BY: CHECKED BY: DATE 5-13-08
SIZE E	DRAWING NUMBER LNG-G1-X0-011	REV NO 0

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUE FOR PERMITS	PE		
		DV		
		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/INSTR	SIZE
	ARCH	CIVIL STRUC	PIPE SUP	SA
		ENG	HVAC	FIRE PROT
		LTG	IAC	

THIS DRAWING CREATED ELECTRONICALLY LNG-G1-X0-011.DGN 5/19/08



LEGEND

- | | |
|---------------|------------------------|
| — 42.00 — | PROPOSED MAJOR CONTOUR |
| —— 42.00 - | PROPOSED MINOR CONTOUR |
| - 42.00 - - | EXISTING MAJOR CONTOUR |
| ----- 42.00 - | EXISTING MINOR CONTOUR |

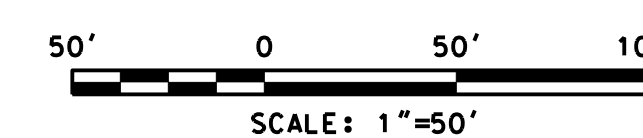
- _____ NEW EDGE OF ROAD
 - - - - - EXISTING EDGE OF ROAD
 (L-O-D) - - - - - LIMIT OF DISTURBANCE
 & TURBIDITY BARRIER

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE



PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02042-4705 COA #8945			
	WEC SAFETY CLASSIFICATION: E			
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PROGRESS ENERGY FLORIDA, INC		PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2		
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 12				
		DESIGNED BY: CHECKED BY: SCALE 1"=50'		
DATE 5-13-08		DATE 5-13-08		
SIZE E	DRAWING NUMBER LNG-G1-XO-012			REV NO 0

0		REVISION DESCRIPTION							TITLE	APPR	DATE
REVISION	ISSUE FOR PERMITS							PE			
								DW			
								LE			
								RE			
REVIEW	CSA		MECHANICAL						ELECT/INSTR		
	ARCH	CIVIL STRUC	PIPE	PIPE SUP	SA	ENG	HVAC	FIRE PROT	LTG	I&C	





LEGEND

— 42.00 —	PROPOSED MAJOR CONTOUR
—— 42.00 -	PROPOSED MINOR CONTOUR
- - 42.00 - -	EXISTING MAJOR CONTOUR
- - - - 42.00 -	EXISTING MINOR CONTOUR



NEW EDGE OF ROAD
EXISTING EDGE OF ROAD

L-O-D..... LIMIT OF DISTURBANCE
& TURBIDITY BARRIER

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE



BERM (SEE DRY SWALE DETAIL)

PF STAMP

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

CONFIDENTIAL

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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
---------------------------------	---

TIT

SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 13

DESIGNED BY

DESIGNED BY

DATE	
5-13-0	
	REV

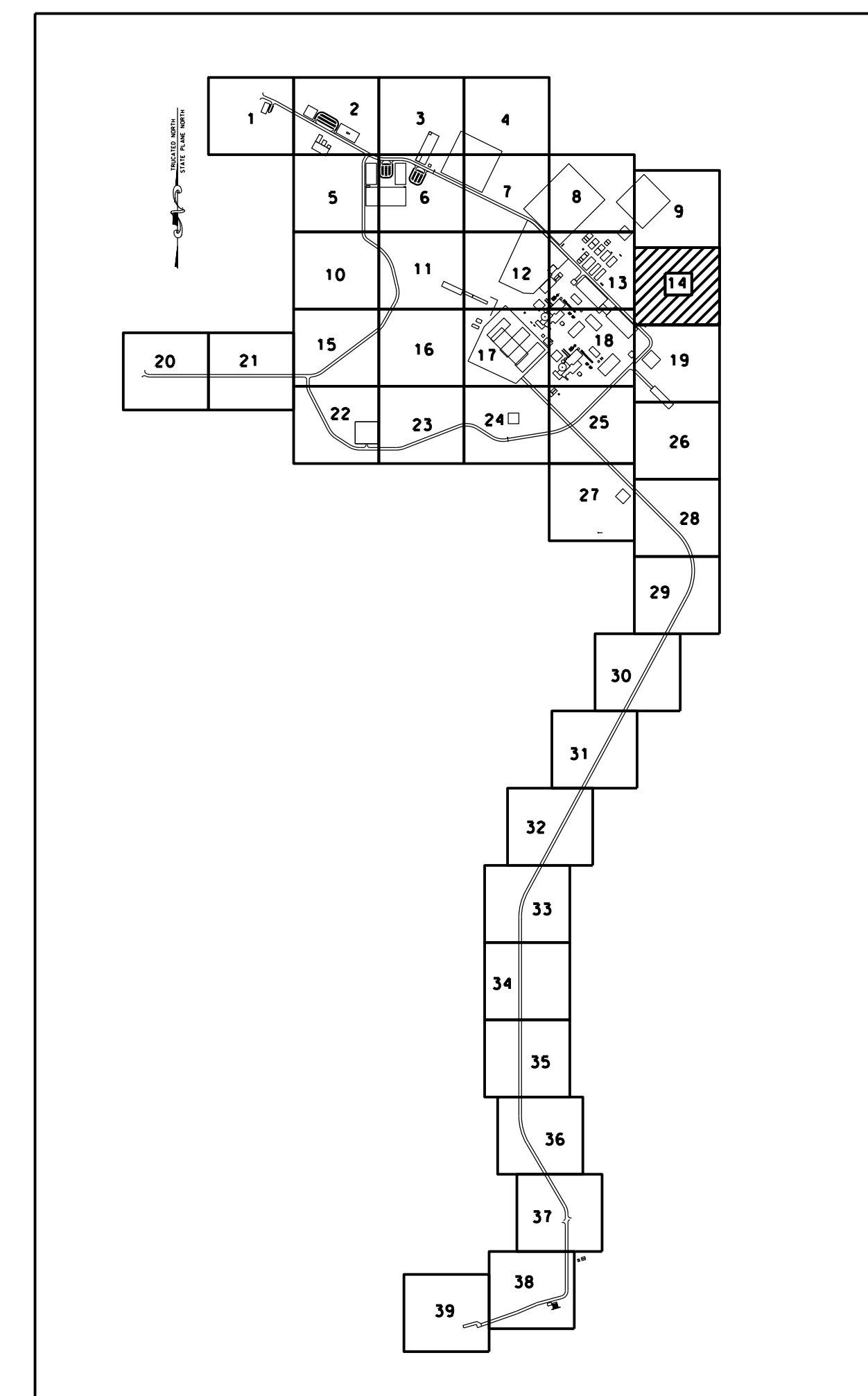
O	REVISION DESCRIPTION							TITLE	APPR	DATE
REVISION	ISSUE FOR PERMITS							PE		
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								LE		
								RE		
REVIEW	CSA		MECHANICAL					ELECT/INSTR		
	ARCH	CIVIL STRUC	PIPE	PIPE SUP	SA	ENG	HVAC	FIRE PROT	LTG	IAC



SIZE	DRAWING NUMBER	REV
F	ING-G1-XO-013	



STATE PLANE NORTH
TRUNCATED NORTH



KEY MAP
SCALE: 1"=600'

LEGEND

- | | |
|---------------|------------------------|
| — 42.00 — | PROPOSED MAJOR CONTOUR |
| ——— 42.00 — | PROPOSED MINOR CONTOUR |
| — · 42.00 — · | EXISTING MAJOR CONTOUR |
| ----- 42.00 - | EXISTING MINOR CONTOUR |



SOIL TRACKING PREVENTION

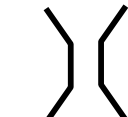
- _____ NEW EDGE OF ROAD
- - - - - EXISTING EDGE OF ROAD

LIMIT OF DISTURBANCE
& TURBIDITY BARRIER

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE



SP= SPILLWAY
(SEE DRY SWALE DETAIL)



BERM (SEE DRY SWALE DETAIL)

PE STAMP

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

CONFIDENTIAL

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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
---------------------------------	---

TITLE	
-------	--

SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 14



DESIGNED BY:

SCALE

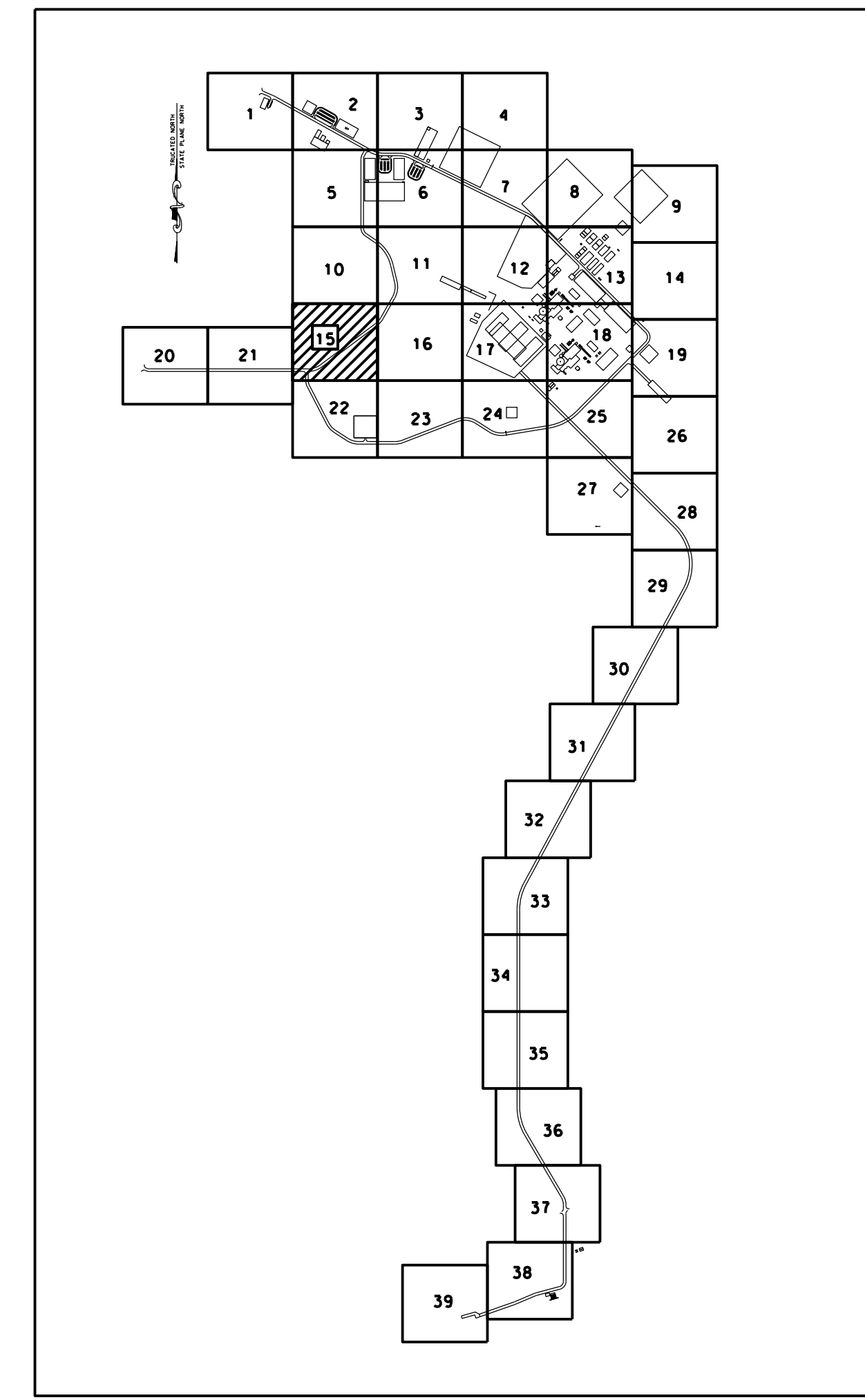
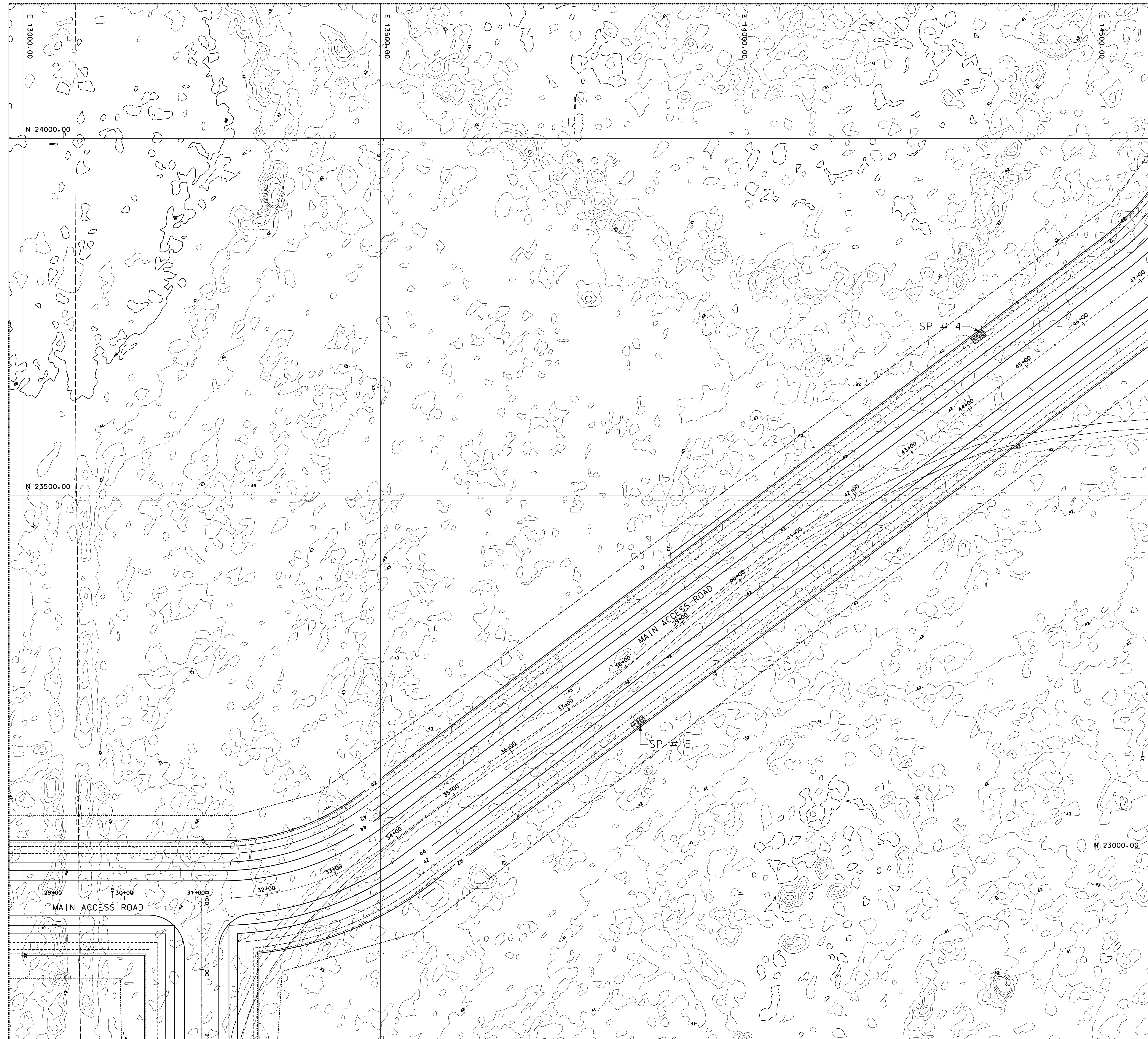
5-13-0

THIS DRAWING CREATED ELECTRONICALLY LNG-GI-X0-014.DGN 5/19/08

[illegible]

STATE PLANE NORTH
TRUNCATED NORTH

MATCHLINE SEE SHEET 10



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 — PROPOSED MAJOR CONTOUR
- 42.00 — PROPOSED MINOR CONTOUR
- - 42.00 - - EXISTING MAJOR CONTOUR
- - 42.00 - - EXISTING MINOR CONTOUR
- SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- - EXISTING EDGE OF ROAD
- LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE
- SP= SPILLWAY
(SEE DRY SWALE DETAIL)
- BERM (SEE DRY SWALE DETAIL)

PE STAMP
SHAW NUCLEAR
STONE & WEBSTER, INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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USED FOR OTHER THAN THE EXPRESS PURPOSE FOR WHICH IT HAS BEEN PROVIDED WITHOUT WRITTEN
CONSENT OF STONE & WEBSTER, INC.

PROGRESS ENERGY FLORIDA, INC. PROGRESS ENERGY FLORIDA, INC.
LEVY NUCLEAR PLANT
UNITS 1 & 2

TITLE
SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 15

DESIGNED BY:
CHECKED BY:
SCALE: 1"=50' DATE: 5-13-08
REV NO: 0

SHAW Nuclear
DRAWING NUMBER: LNG-G1-X0-015
REV NO: 0

50' 0 50' 100'
SCALE: 1"=50'

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUE FOR PERMITS	PE		
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		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/HSTR	
	ARCH	CIVIL	PIPE	SA
	STRUC	PIPE	ENG	SA
		SUP	HVAC	SA
			FIRE	SA
			PROT	SA
			LTG	SA
			IAC	SA

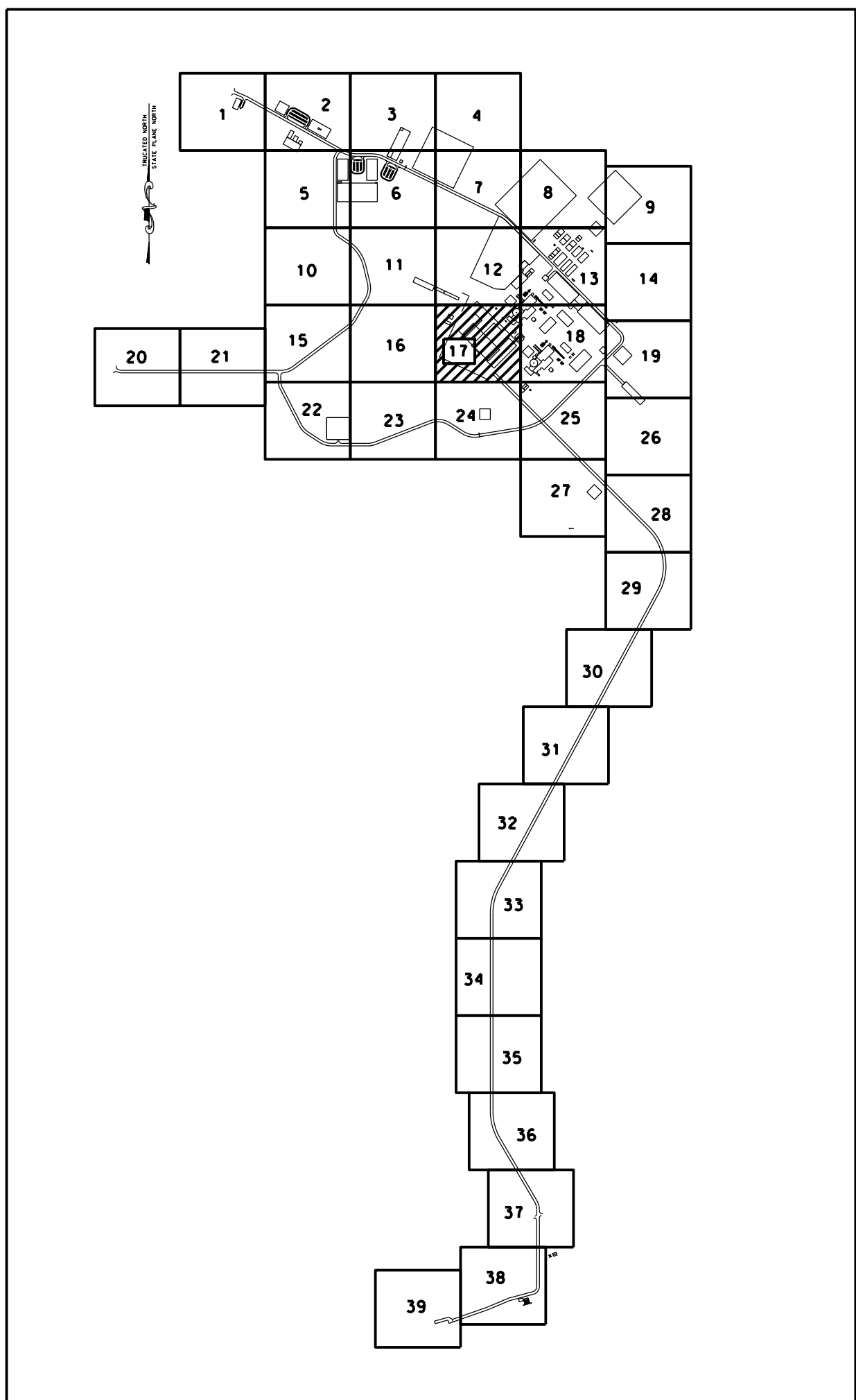
THIS DRAWING CREATED ELECTRONICALLY LNG-G1-X0-015.DGN 5/19/08

STATE PLANE NORTH
TRUNCATED NORTH

MATCHLINE SEE SHEET 12



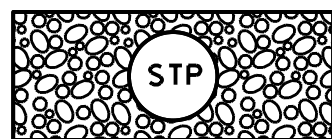
MATCHLINE SEE SHEET 24



KEY MAP
SCALE: 1"=600'

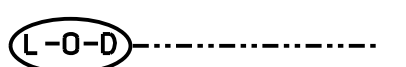
LEGEND

- 42.00 — PROPOSED MAJOR CONTOUR
- - - 42.00 - - - PROPOSED MINOR CONTOUR
- - - 42.00 - - - EXISTING MAJOR CONTOUR
- - - 42.00 - - - EXISTING MINOR CONTOUR



SOIL TRACKING PREVENTION

- NEW EDGE OF ROAD
- - - EXISTING EDGE OF ROAD

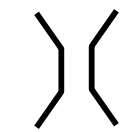


LIMIT OF DISTURBANCE
& TURBIDITY BARRIER

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS, STAKED SILT FENCE
IN UPLAND AREAS, AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE



SP= SPILLWAY
(SEE DRY SWALE DETAIL)



BERM (SEE DRY SWALE DETAIL)

PE STAMP

SHAW NUCLEAR
STONE & WEBSTER, INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

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CONSENT OF STONE & WEBSTER, INC.

PROGRESS ENERGY
FLORIDA, INC

PROGRESS ENERGY FLORIDA, INC
LEVY NUCLEAR PLANT
UNITS 1 & 2

TITLE

SITE GRADING, STORMWATER
AND EROSION CONTROL PLAN
SHEET 17

DESIGNED BY:

CHECKED BY:

SCALE

DATE

REV NO

DRAWING NUMBER

REV NO

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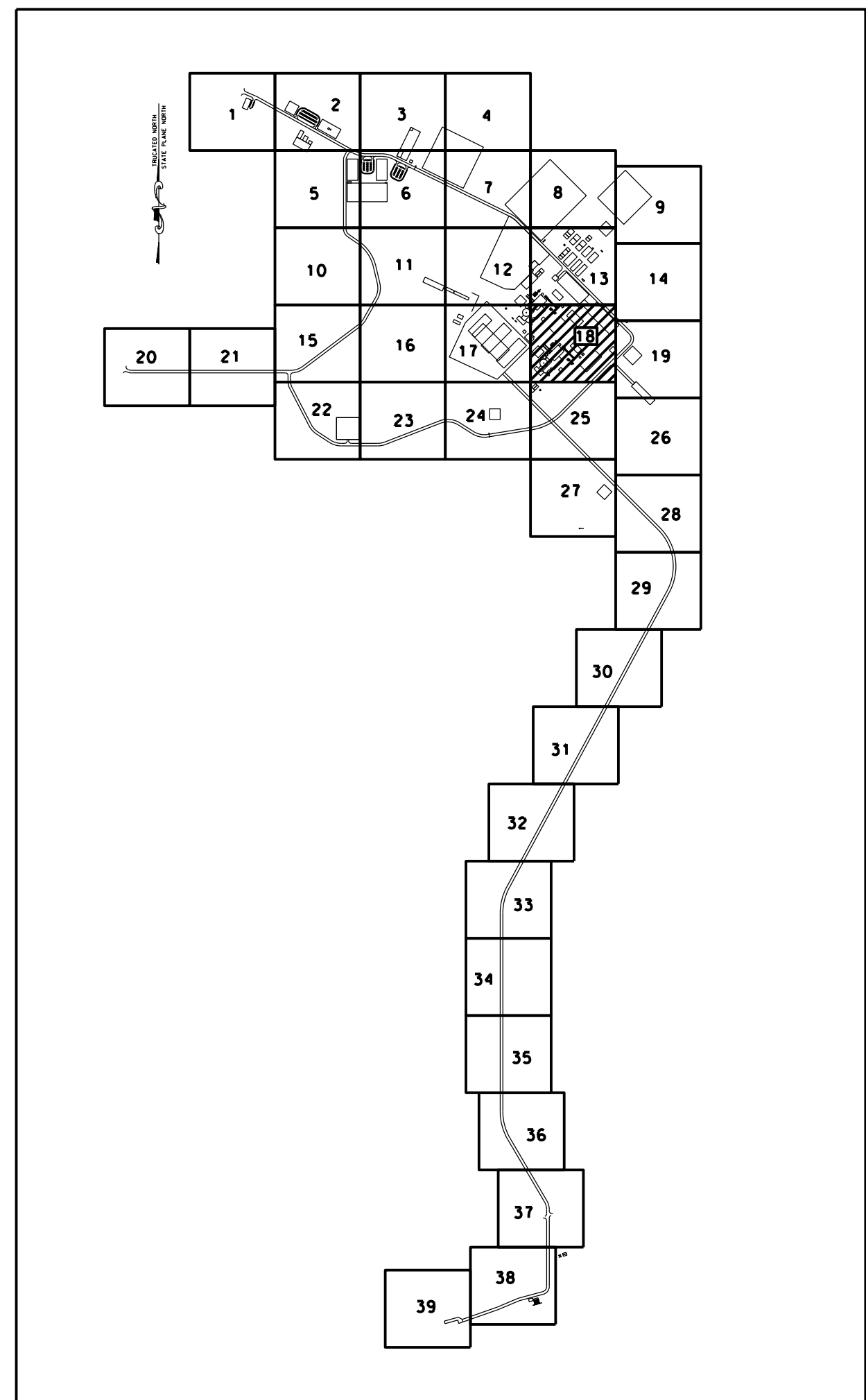
STATE PLANE NORTH
TRUNCATED NORTH

MATCHLINE SEE SHEET 13

MATCHLINE SEE SHEET 14

MATCHLINE SEE SHEET 19

MATCHLINE SEE SHEET 17



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 PROPOSED MAJOR CONTOUR
- 42.00 PROPOSED MINOR CONTOUR
- 42.00 EXISTING MAJOR CONTOUR
- 42.00 EXISTING MINOR CONTOUR
- STP SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- L-0-0 LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS, STAKED SILT FENCE IN UPLAND AREAS, AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE
- SP= SPILLWAY (SEE DRY SWALE DETAIL)
- BERM (SEE DRY SWALE DETAIL)

PE STAMP	SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #8945
WEC SAFETY CLASSIFICATION: E	
CONFIDENTIAL	
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 18	
DESIGNED BY: CHECKED BY: SCALE: 1"=50' DATE: 5-13-08	
SHAW Nuclear	
SIZE E	DRAWING NUMBER LNG-G1-X0-018
REV NO 0	



MATCHLINE SEE SHEET 25

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUE FOR PERMITS	PE		
		DY		
		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/INSTR	
	ARCH	CIVIL	PIPE	PIPE SUP
		SA	ENG	HVAC
		FIRE PROT	LTG	IAC

THIS DRAWING CREATED ELECTRONICALLY LNG-G1-X0-018.DGN 5/19/08

STATE PLANE NORTH
TRUNCATED NORTH

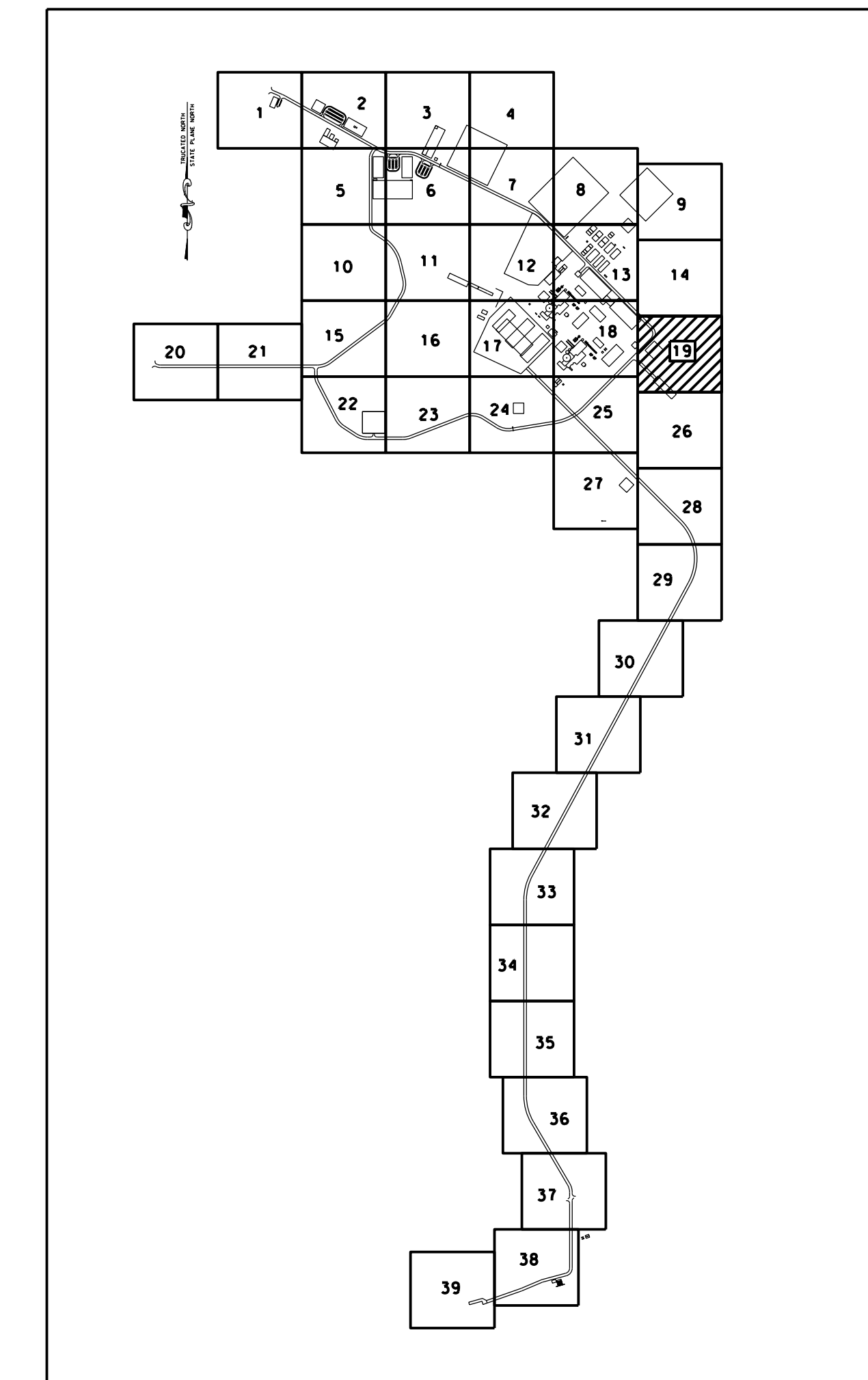
MATCHLINE SEE SHEET 14

MATCHLINE SEE SHEET 18

MATCHLINE SEE SHEET 25

MATCHLINE SEE SHEET 26

50' 0 50' 100'
SCALE: 1"=50'



KEY MAP
SCALE: 1"=600'

LEGEND

- 42.00 — PROPOSED MAJOR CONTOUR
- - - 42.00 - - - PROPOSED MINOR CONTOUR
- 42.00 — EXISTING MAJOR CONTOUR
- - - 42.00 - - - EXISTING MINOR CONTOUR
- STP SOIL TRACKING PREVENTION
- NEW EDGE OF ROAD
- EXISTING EDGE OF ROAD
- LIMIT OF DISTURBANCE & TURBIDITY BARRIER
- NOTE: PROVIDE STAKED TURBIDITY BARRIERS IN WETLAND AREAS, STAKED SILT FENCE IN UPLAND AREAS, AND FLOATING TURBIDITY BARRIERS IN AREAS WITH STANDING WATER AT LIMITS OF DISTURBANCE
- SP= SPILLWAY (SEE DRY SWALE DETAIL)
- BERM (SEE DRY SWALE DETAIL)

PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #8945	
	WEC SAFETY CLASSIFICATION: E	
	CONFIDENTIAL	
	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF STONE & WEBSTER, INC. AND IS TO BE RETURNED UPON REQUEST. IT'S CONTENTS MAY NOT BE COPIED, DISCLOSED TO THIRD PARTIES, OR USED FOR OTHER THAN THE EXPRESS PURPOSE FOR WHICH IT HAS BEEN PROVIDED WITHOUT THE CONSENT OF STONE & WEBSTER, INC.	
PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 19		
DESIGNED BY: CHECKED BY:		DATE 5-13-08
SCALE 1"=50'		REV NO 0
DRAWING NUMBER LNG-G1-X0-019		

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0	ISSUE FOR PERMITS	PE		
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		LE		
		RE		
REVIEW	CSA	MECHANICAL	ELECT/INSTR	
	ARCH	CIVIL STRUC	PIPE SUP	SA
		ENG	HVAC	FIRE PROT
		LTG	JAC	

THIS DRAWING CREATED ELECTRONICALLY
LNG-G1-X0-019.DGN 5/19/08

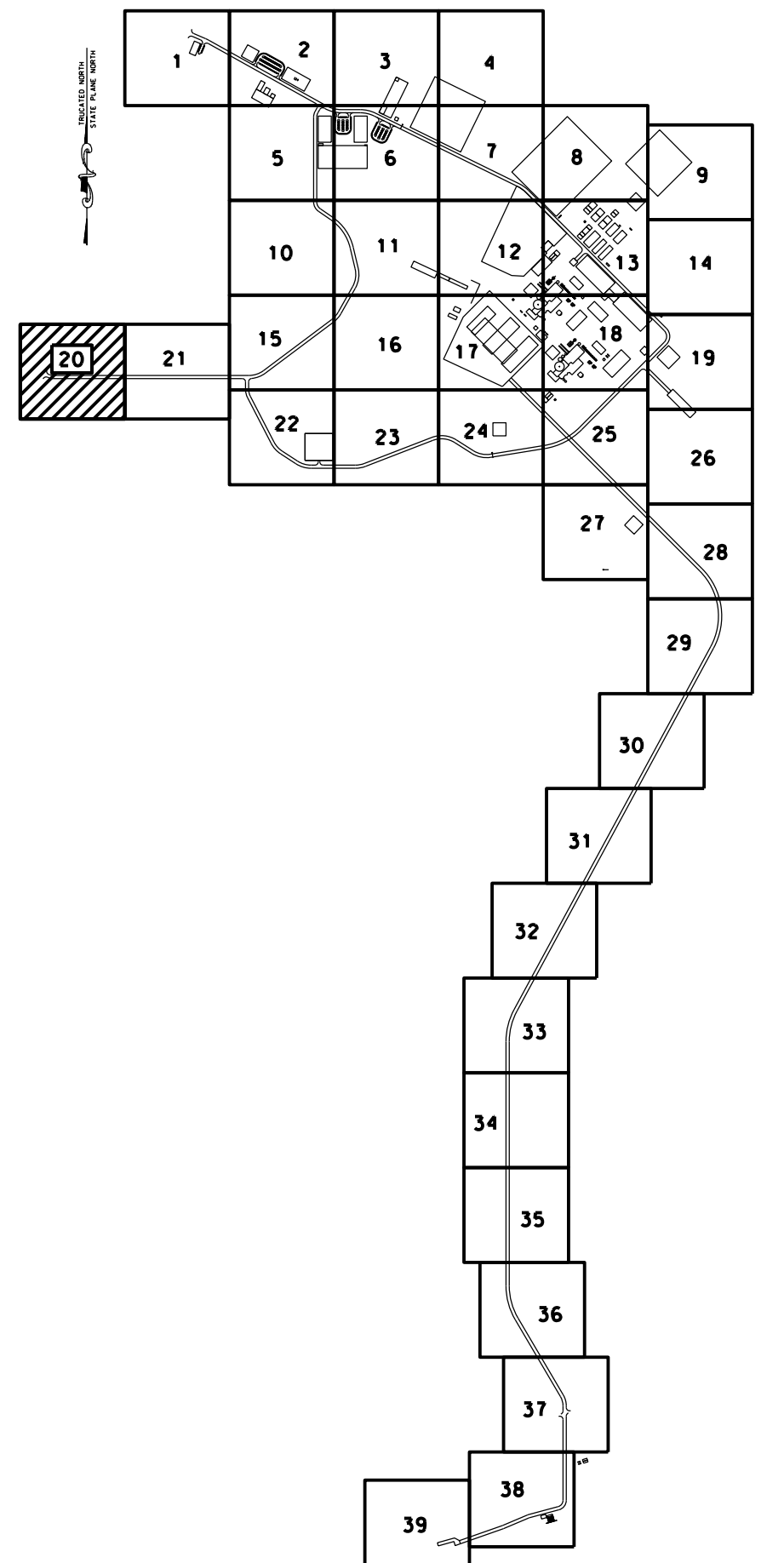
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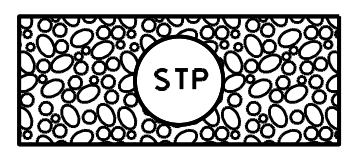
MATCHLINE SEE SHEET 21



KEY MAP
SCALE: 1"=600'

LEGEND

— 42.00 —	PROPOSED MAJOR CONTOUR
—— 42.00 -	PROPOSED MINOR CONTOUR
- · 42.00 - -	EXISTING MAJOR CONTOUR
- - - - 42.00 -	EXISTING MINOR CONTOUR

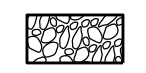


SOIL TRACKING PREVENTION

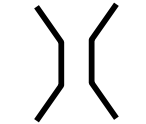
 NEW EDGE OF ROAD
 EXISTING EDGE OF ROAD

L-0-0..... LIMIT OF DISTURBANCE
& TURBIDITY BARRIER

NOTE:
PROVIDE STAKED TURBIDITY BARRIERS
IN WETLAND AREAS. STAKED SILT FENCE
IN UPLAND AREAS. AND FLOATING
TURBIDITY BARRIERS IN AREAS WITH
STANDING WATER AT LIMITS OF DISTURBANCE



SP= SPILLWAY
(SEE DRY SWALE DETAIL)



BERM (SEE DRY SWALE DETAIL)

PE STAMP

SHAW NUCLEAR
STONE & WEBSTER INC.
100 TECHNOLOGY CENTER DRIVE
STOUGHTON, MA 02072-4705
COA #8945

WEC SAFETY CLASSIFICATION: E

CONFIDENTIAL

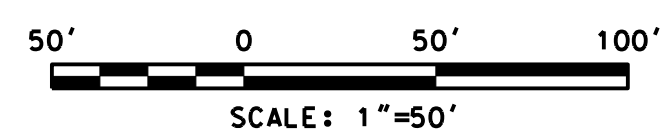
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2

TITLE	SITE GRADING, STORMWATER AND EROSION CONTROL PLAN SHEET 20
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	DESIGNED BY:	
	CHECKED BY:	
	SCALE 1"=50'	DATE 5-13-08

SIZE	DRAWING NUMBER
E	LNG-G1-X0-020

THIS DRAWING CREATED ELECTRONICALLY LNC-G1-X0-020.DGN 5/19/08



O	REVISION DESCRIPTION							TITLE	APPR	DATE
REVISION	ISSUE FOR PERMITS							PE		
								DY		
								LE		
								RE		
REVIEW	CSA		MECHANICAL						ELECT/INSTR	
	ARCH	CIVIL STRUCT	PIPE	PIPE SUP	SA	ENG	HVAC	FIRE PROT	LTG	ISC