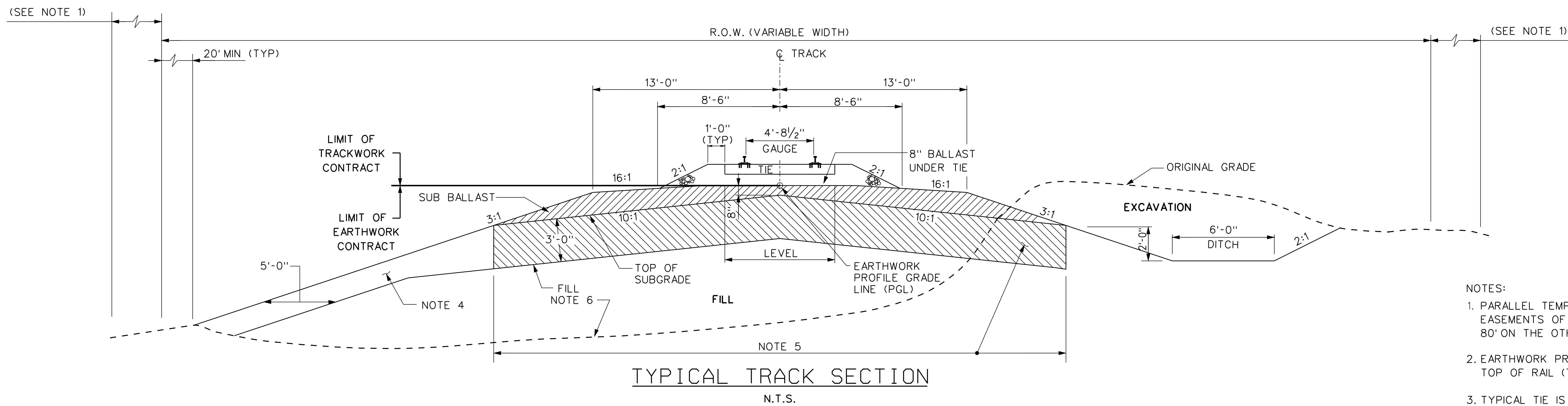
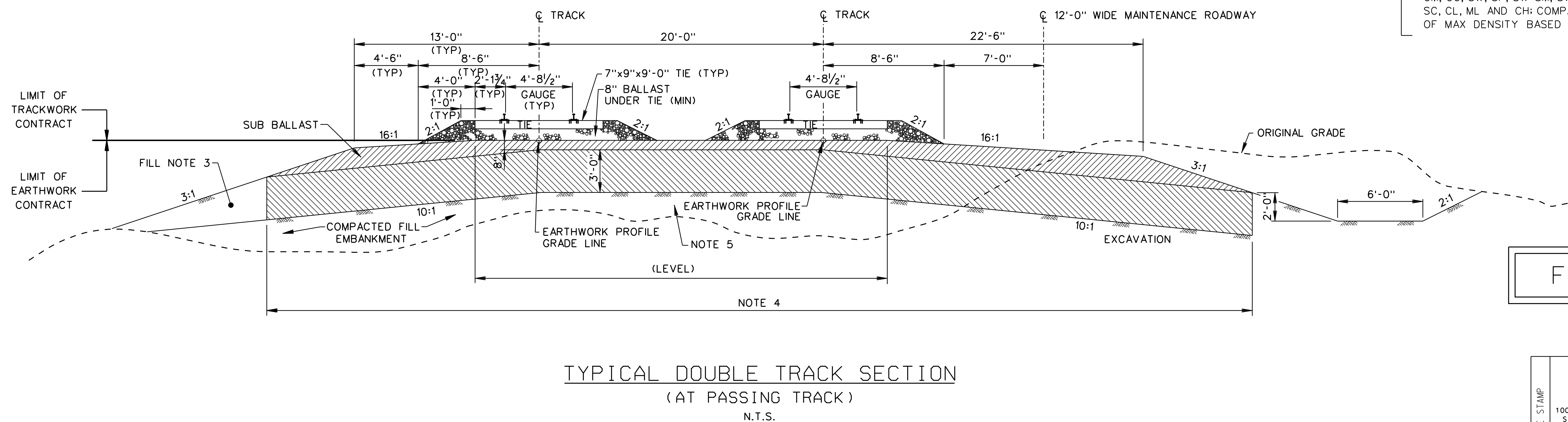




- NOTES:
1. PARALLEL TEMPORARY CONSTRUCTION EASEMENTS OF 30' ON ONE SIDE AND 80' ON THE OTHER SIDE OF THE R.O.W.
 2. EARTHWORK PROFILE GRADE LINE (PGL) TO TOP OF RAIL (TOR) IS 1'-11" +/-.
 3. TYPICAL TIE IS 7"Hx9"Wx9'-0"L
 4. EMBANKMENT FILL IN THIS AREA SHALL CONSIST OF SOIL TYPES: GW-GC, GP-GC, GC, SW-SC, SP-SC, SC AND CL.
 5. TOP 3'-0" OF EMBANKMENT FILL SHALL BE COMPACTED TO 100% STD PROCTOR. FILL MATERIAL SHALL BE CLAYEY SOILS WITH A PLASTICITY INDEX BETWEEN 5 AND 20.
 6. EMBANKMENT FILL IN THIS AREA SHALL CONSIST OF SOIL TYPES: GW, GP, GW-GM, GW-GC, GP-GC, GM, GC, SW, SP, SW-SM, SW-SC, SP-SM, SP-SC, SM, SC, CL, ML AND CH; COMPACTED TO AT LEAST 95% OF MAX DENSITY BASED ON ASTM D 698.

FOR TRACKWORK CONTRACTOR'S INFORMATION ONLY



FOR PERMITTING

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 TYPICAL RAIL SECTION		
DESIGNED BY: DEB		CHECKED BY: JVS
SCALE NTS		DATE 5/19/08
SIZE E		
DRAWING NUMBER LNG-G100-XR-002		
REV NO 0		

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
0				

ARCH	CIVIL	PIPE	PIPE	MECHANICAL	SA	ENG	HVAC	FIRE	ELECT/INSTR	LTG	IAC

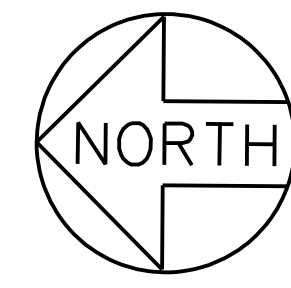


PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUTINGTON, CT 06207-4705 COA #B945	
	SECURITY CLASSIFICATION: E	
CONFIDENTIAL		
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
THE ROAD INTERSECTION MODIFICATIONS HIGHWAYS 19 & 98 AND ACCESS ROADS PLANS		
	DESIGNED BY: S.L.GOMONICA	CHECKED BY: P. SMITH
	SCALE 1"=100'	DATE 5/19/08
SIZE E	DRAWING NUMBER LNG-G100-XS-001	REV NO 0



100 0 200
SCALE: 1" = 100'

PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE USTOUGHTON, MA 02072-4705 COA #B945	
	WEC SAFETY CLASSIFICATION: CONFIDENTIAL THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION OF STONE & WEBSTER, INC. AND IS TO BE CONTROLLED BY STONE & WEBSTER. 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 WRITTEN CONSENT OF STONE & WEBSTER, INC.	
PROGRESS ENERGY FLORIDA, INC		PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
TITLE ROAD INTERSECTION MODIFICATIONS COUNTY ROAD 40 AND ACCESS ROAD PLAN		
 Shaw Nuclear		DESIGNED BY: S.LOMONICA CHECKED BY: P.SMITH
		SCALE 1"=100' DATE APRIL 18, 2008
E	DRAWING NUMBER LNG-G100-XS-002	REV NO B



WORK POINT COORDINATES		
W.P.	NORTHING	EASTING
UB1	1706084.9230	457691.8410
UB2	1705906.9230	457691.8410

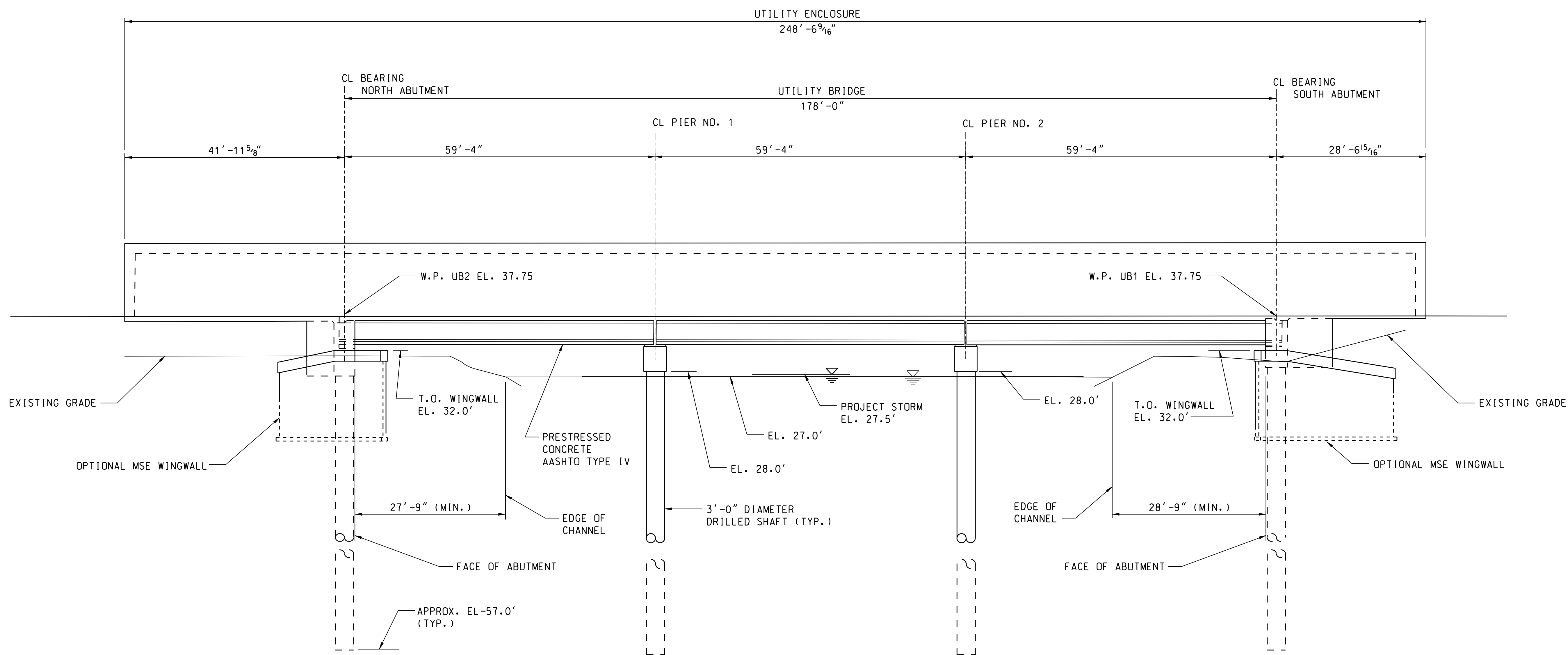
UTILITY BRIDGE PLAN
SCALE: $\frac{1}{32}'' = 1'-0''$



KEY PLAN
SCALE: NONE



FOR PERMITTING



UTILITY BRIDGE WEST ELEVATION
SCALE: $\frac{1}{32}'' = 1'-0''$

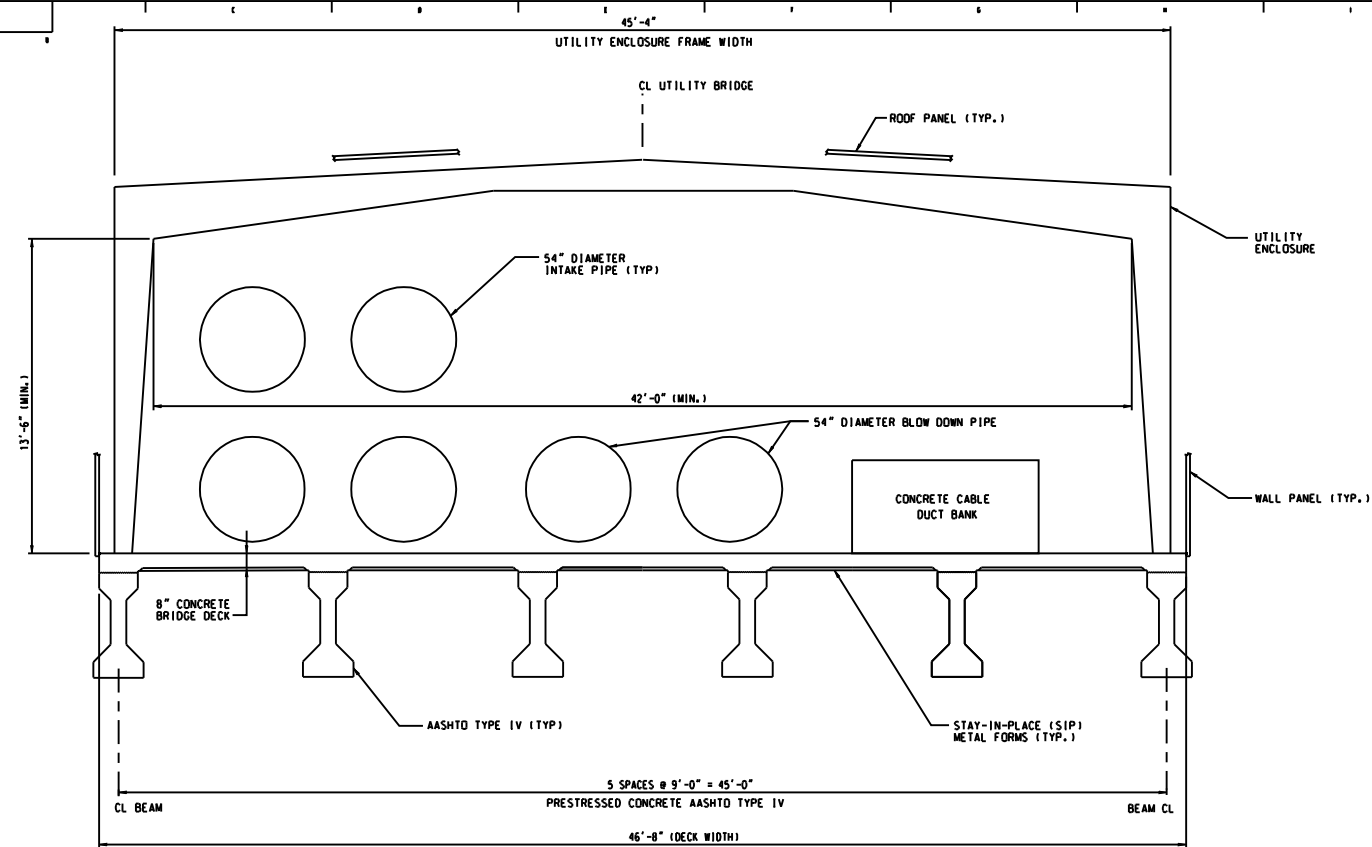
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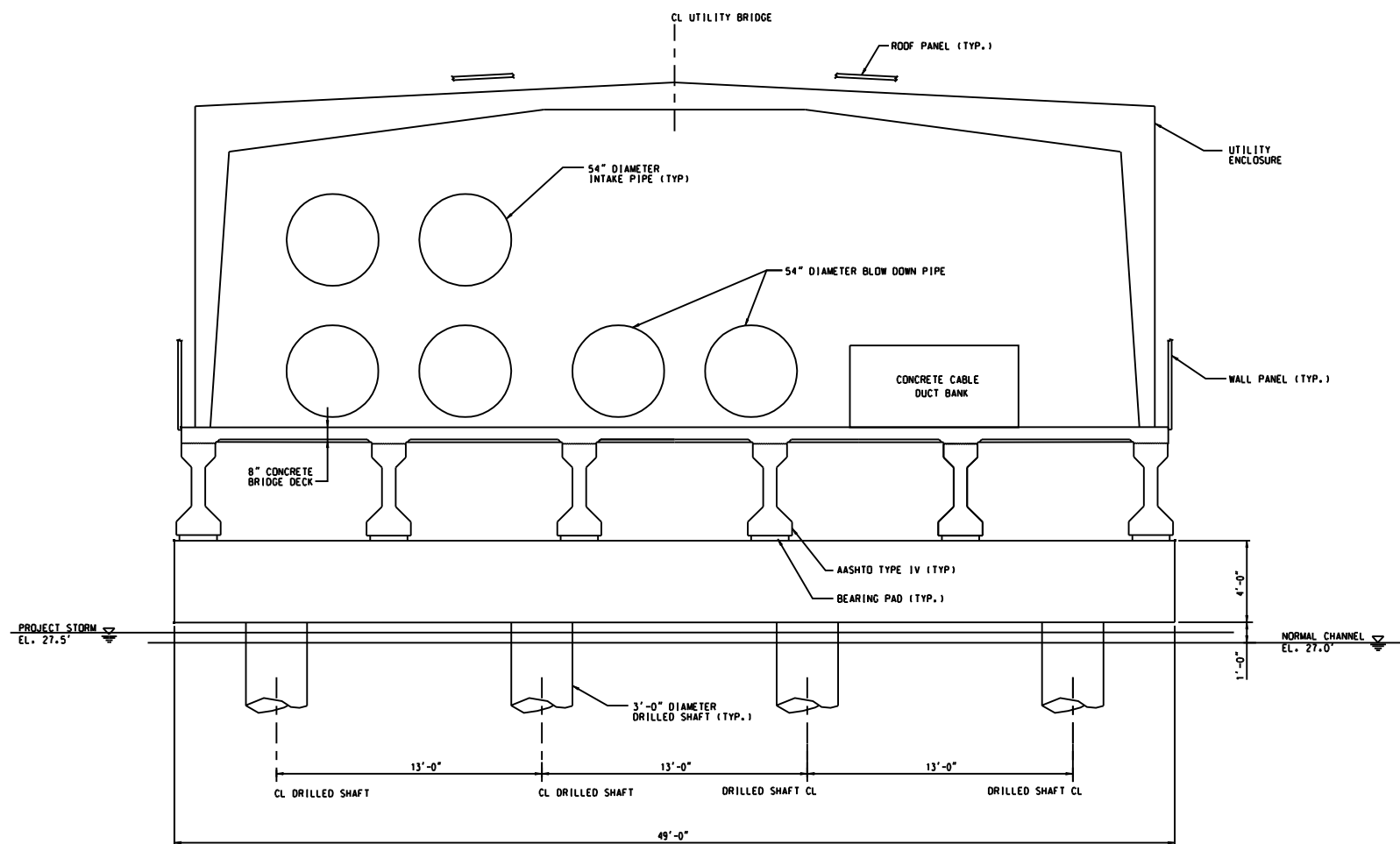
SIZE	DATE	REV NO
E	5/13/08	0

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 UTILITY BRIDGE OVER BYPASS CHANNEL BRIDGE PLAN AND ELEVATION	
DESIGNED BY: DEB CHECKED BY: JVS SCALE: AS SHOWN DATE: 5/13/08	
SHAW Nuclear	
DRAWING NUMBER LNG-XQ01-C2-101	
REV NO 0	

THIS DRAWING CREATED ELECTRONICALLY
LNG-XQ01-C2-101 5/13/08



TYPICAL CROSS SECTION
SCALE: $\frac{3}{8}" = 1'-0"$



TYPICAL SECTION AT PIER
SCALE: $\frac{3}{8}" = 1' - 0"$

NOTES:

1. REFER TO DRAWING LNG-X001-C9-101 FOR GENERAL NOTES.
2. TYPICAL SECTION AT PIER IS ORTHOGONAL TO THE PIER.

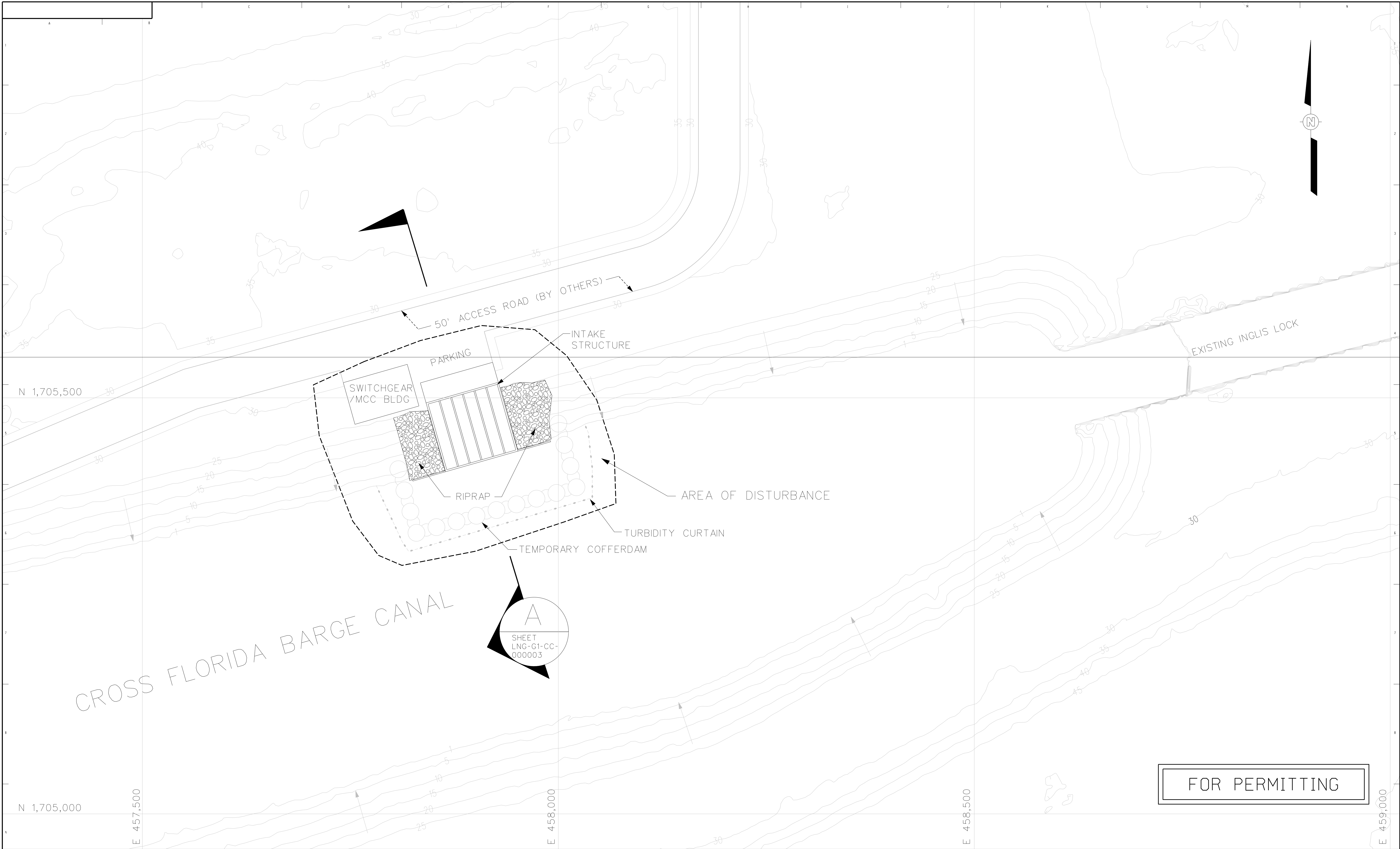
2. TYPICAL SECTION AT PIER IS ORTHOGONAL TO THE PIER.

FOR PERMITTING

0	REVISION DESCRIPTION							TITLE	APPR	DA
	ISSUED FOR PERMIT							PE		
REVISION								DN		
								LE		
								RE		
REVIEW	CSA		MECHANICAL					ELECT/INS		
	ARCH	CIVIL STALK	PIPE	PIPE SLIP	SA	ENG	HWAC	PIPE FIND	LTC	II

PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 CDA #B945	
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PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
TITLE	UTILITY BRIDGE OVER BYPASS CHANNEL TYPICAL BRIDGE CROSS SECTION	
 Shaw Nuclear	DESIGNED BY: DEB CHECKED BY: JVS SCALE: AS SHOWN DATE: 5/13/88	
512 F	DRAWING NUMBER LNC-X001-C2-103	REV NO 0

THIS DRAWING CREATED ELECTRONICALLY LNG-X001-C2-103.DGN 5/20/08



FOR PERMITTING

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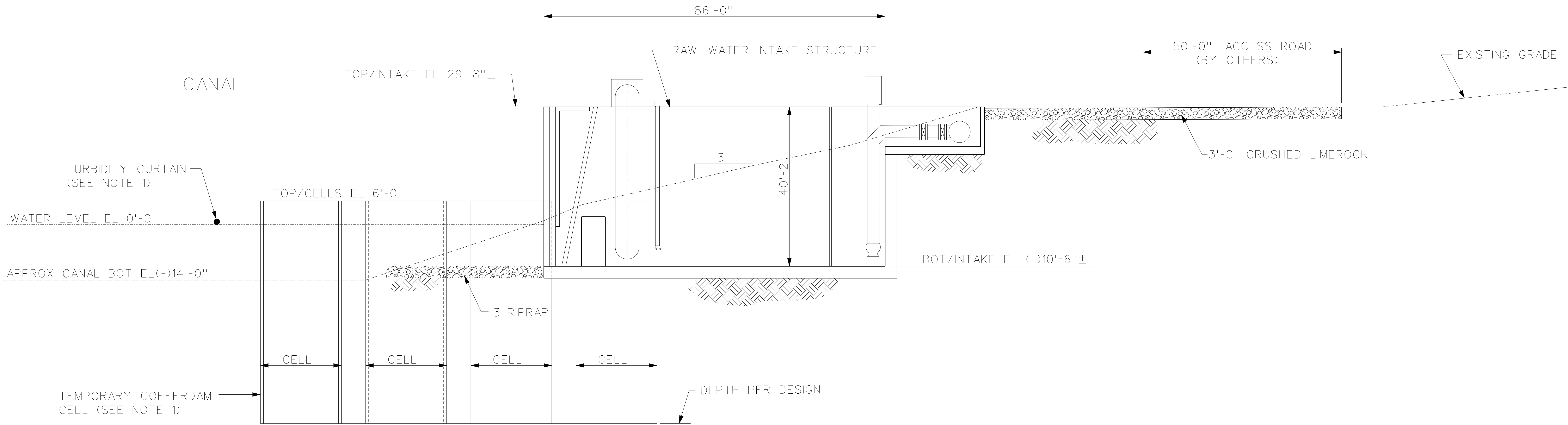
← DIRECTION OF FLOW

REVISION	REVISION DESCRIPTION	TITLE	APPR	DATE
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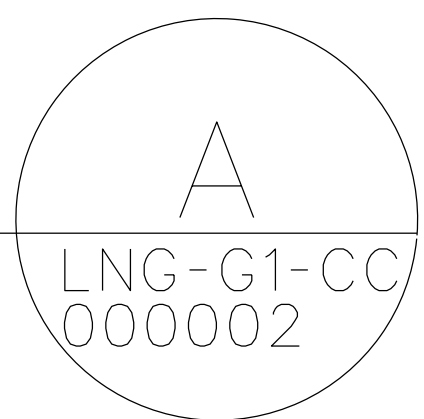
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ARCH	CIVIL	PIPE	PIPE
STRUC	SUP	SA	ENG
		HVAC	FIRE
		PROT	LTG
			JAC

PE STAMP	SHAW NUCLEAR STONE & WEBSTER INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #8945	
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	PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2
	TITLE RAW WATER INTAKE STRUCTURE GENERAL ARRANGEMENT PLAN	

Shaw Nuclear	DESIGNED BY: DEB	DATE
	CHECKED BY: JVS	5/13/08
SCALE	NTS	REV NO
E	LNG-G1-CC-000002	0



SECTION



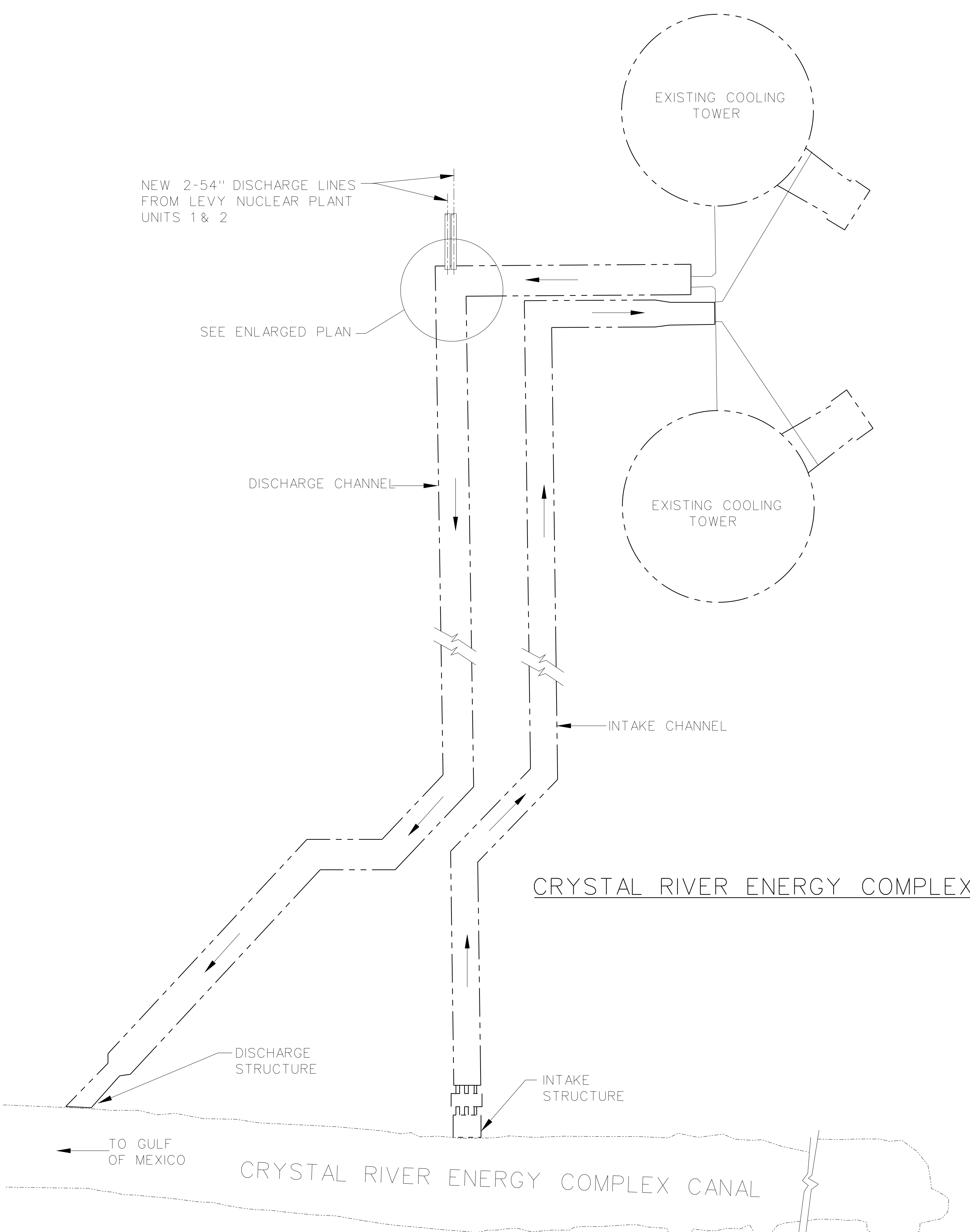
NOTE:

1. TEMPORARY COFFERDAM AND TURBIDITY CURTAIN WILL BE REMOVED AFTER THE COMPLETION OF THE THE RAW WATER INTAKE STRUCTURE.

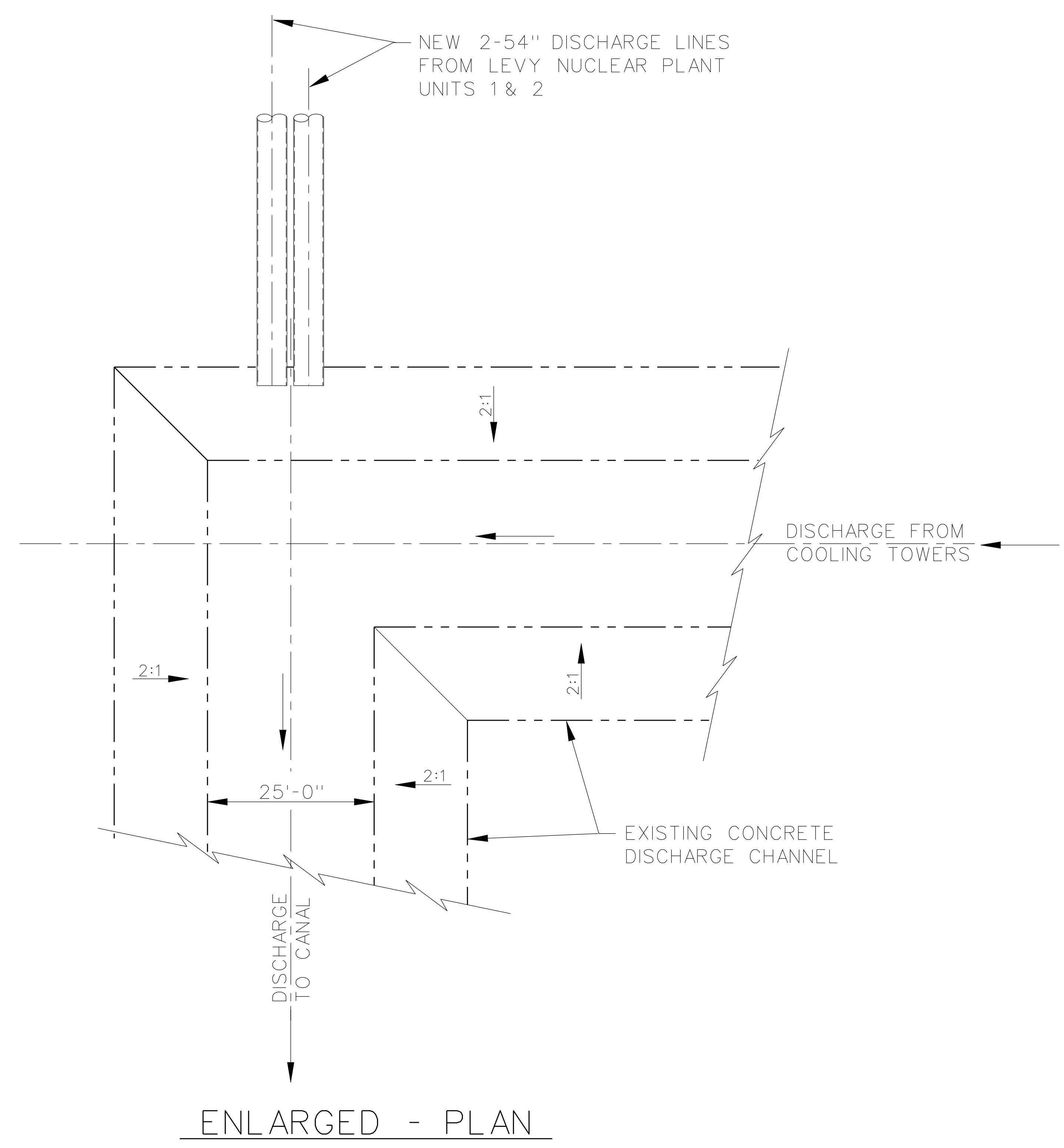
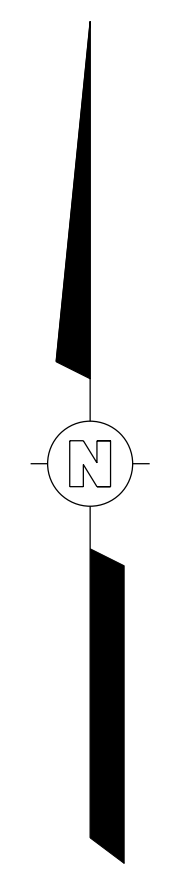
FOR PERMITTING

REVISION	REVISION DESCRIPTION										TITLE	APPR	DATE
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											DV		
											LE		
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REVIEW											ELECT/INSTR		
	CSA	ARCH	CIVIL STRUC	PIPE	PIPE SUP	MECHANICAL	SA	ENG	HVAC	FIRE PROT	LTO	JAC	REV NO

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 RAW WATER INTAKE STRUCTURE SECTION			
		DESIGNED BY: DEB	
		CHECKED BY: JVS	
SCALE NTS		DATE 5/19/08	
SIZE E			
DRAWING NUMBER LNG-G1-CC-000003			
REV NO 0			



PLAN
SCALE - NTS



ENLARGED - PLAN

FOR PERMITTING

LEGEND:
— DIRECTION OF FLOW

REVISION	REVISION DESCRIPTION										TITLE	APPR	DATE
	ARCH	CIVIL	PIPE	PIPE SUP	MECHANICAL	SA	ENG	HVAC	FIRE PROT	ELECT/HSTR	LTG	JAC	
0													

PE STAMP	SHAW NUCLEAR STONE & WEBSTER, INC. 100 TECHNOLOGY CENTER DRIVE STOUGHTON, MA 02072-4705 COA #B945		
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	PROGRESS ENERGY FLORIDA, INC	PROGRESS ENERGY FLORIDA, INC LEVY NUCLEAR PLANT UNITS 1 & 2	
	TITLE BLOWDOWN DISCHARGE LINES LOCATION PLAN		
DESIGNED BY: DEB		DATE	
CHECKED BY: JVS		DATE	
SCALE NTS		5/13/08	
Shaw Nuclear			
SIZE E	DRAWING NUMBER LNG-G1-CC-000004		REV NO 0