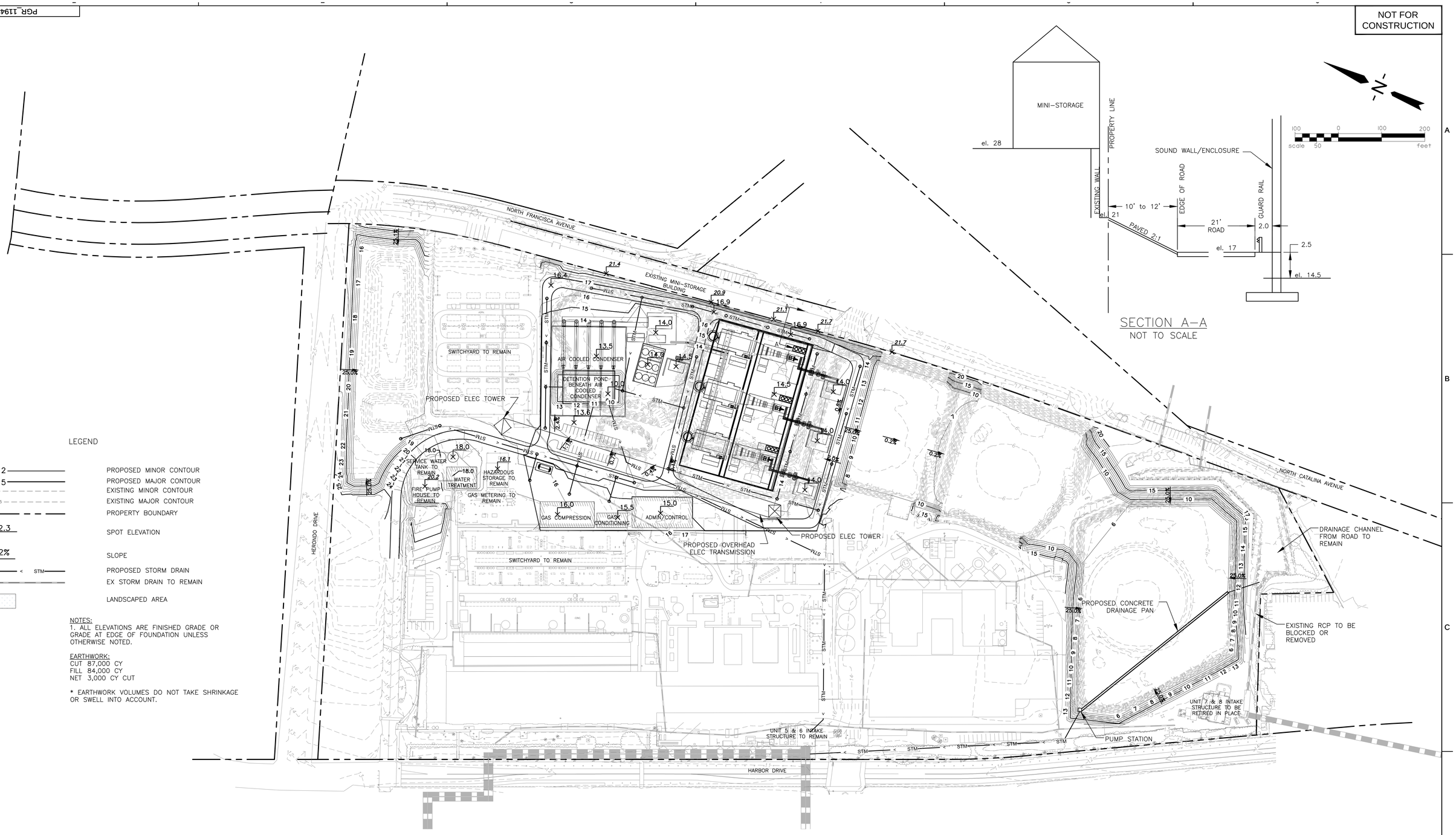
Appendix 5.15A
Grading and Drainage Plan

PGR_119487

NOT FOR CONSTRUCTION



SECTION A–A
NOT TO SCALE

LEGEND

12	PROPOSED MINOR CONTOUR
15	PROPOSED MAJOR CONTOUR
12	EXISTING MINOR CONTOUR
15	EXISTING MAJOR CONTOUR
	PROPERTY BOUNDARY
12.3 ×	SPOT ELEVATION
1.92%	SLOPE
< STM < STM	PROPOSED STORM DRAIN
	EX STORM DRAIN TO REMAIN
	LANDSCAPED AREA

NOTES:
1. ALL ELEVATIONS ARE FINISHED GRADE OR GRADE AT EDGE OF FOUNDATION UNLESS OTHERWISE NOTED.

EARTHWORK:
CUT 87,000 CY
FILL 84,000 CY
NET 3,000 CY CUT

* EARTHWORK VOLUMES DO NOT TAKE SHRINKAGE OR SWELL INTO ACCOUNT.

REV	DATE	DESCRIPTION	DWN	DGN	CHK	APP
	10/17/12	ADD SOUND WALLS	TAN	TAN	RDC	RDC
	7/3/2012	AIR PERMIT SUBMITTAL	TAN	TAN	AP	RDC

SCALE: AS NOTED

WARNING: 0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

D SIZE 36"x24"

Power Engineers Collaborative, L.L.C.
600 W. Jackson Blvd. Suite 600 Chicago, Illinois 60661
150 North Sunny Slope Road Suite 110 Brookfield, Wisconsin 53005
WWW.PECLLC.COM

REDONDO BEACH ENERGY PROJECT
REDONDO BEACH, CA.

PRELIMINARY GRADING PLAN

DWG# PGR_119487 REV. A

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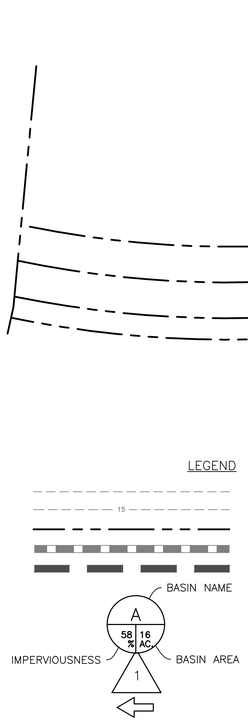
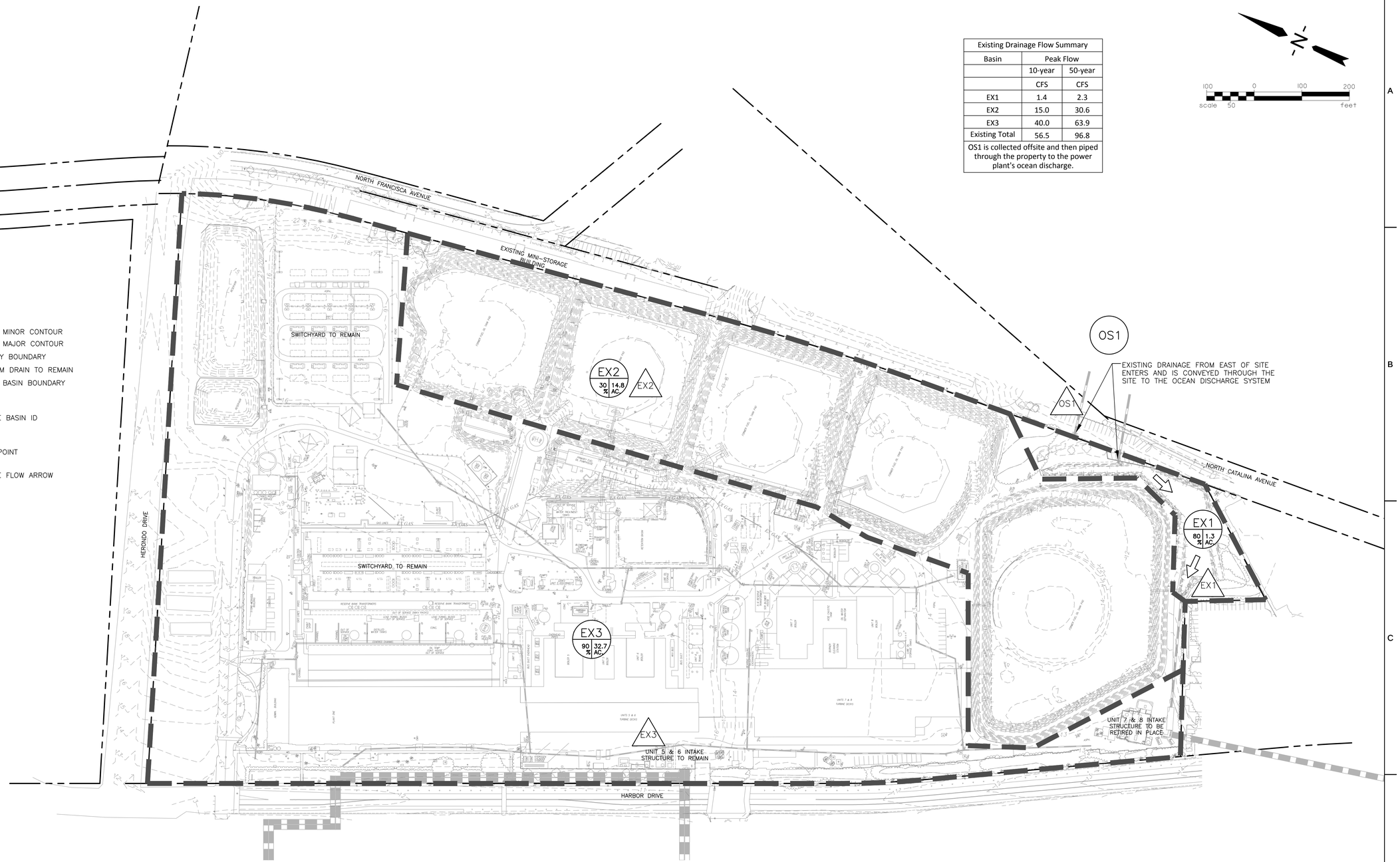
EDR_119487

NOT FOR CONSTRUCTION

Existing Drainage Flow Summary		
Basin	Peak Flow	
	10-year	50-year
	CFS	CFS
EX1	1.4	2.3
EX2	15.0	30.6
EX3	40.0	63.9
Existing Total	56.5	96.8
OS1 is collected offsite and then piped through the property to the power plant's ocean discharge.		





REV	DATE	DESCRIPTION	DWN	DGN	CHK	APP
	10/17/12	ADD SOUND WALLS	TAN	TAN	RDC	RDC
A	7/3/2012	AIR PERMIT SUBMITTAL	TAN	TAN	AP	RDC

SCALE: AS NOTED

WARNING: 0 1/2 1 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

D SIZE 36"x24"

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REDONDO BEACH ENERGY PROJECT
REDONDO BEACH, CA.

HISTORIC DRAINAGE BASINS

DWG# EDR_119487

REV. A

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PDR_119487

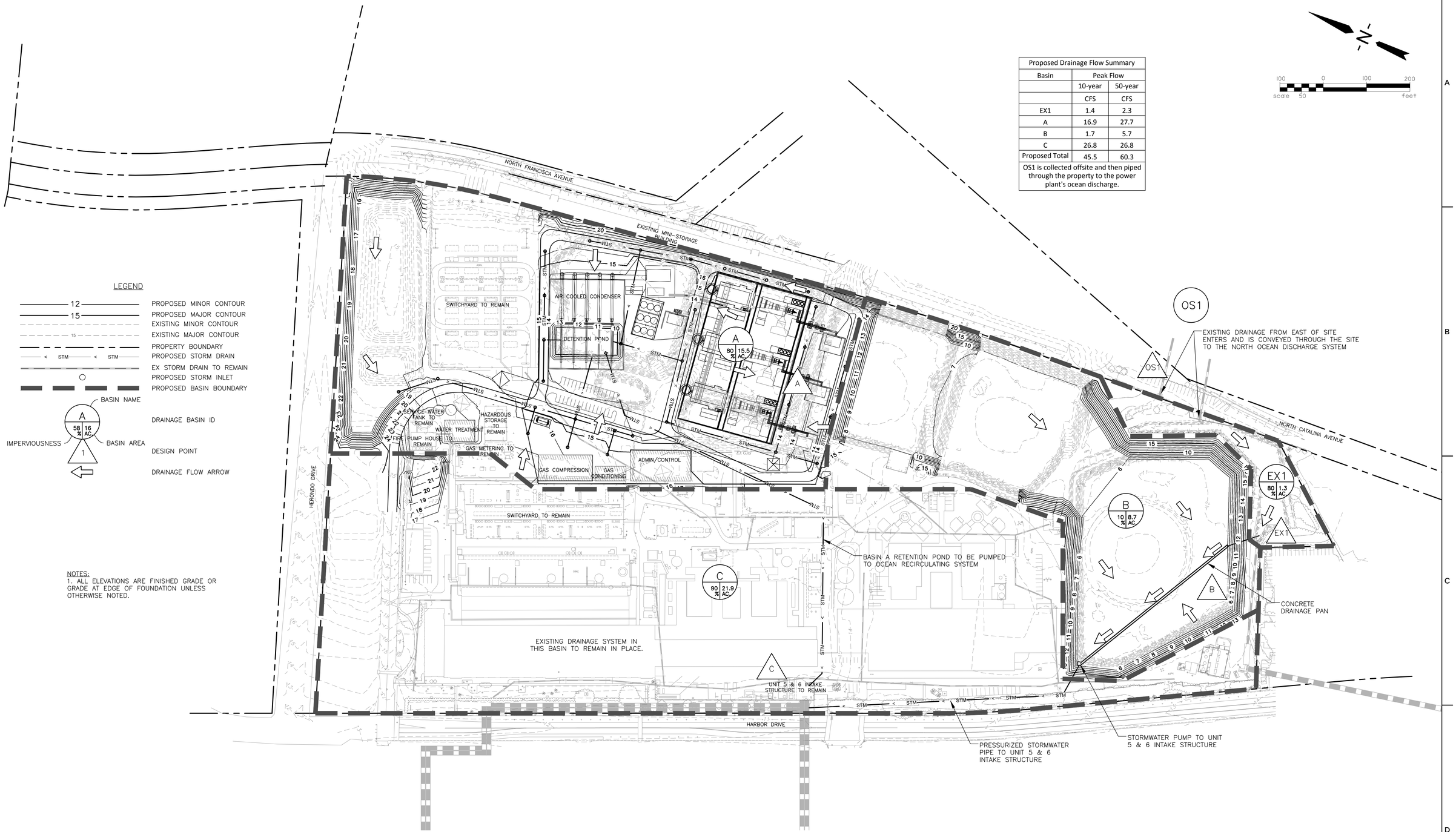
NOT FOR CONSTRUCTION

Proposed Drainage Flow Summary		
Basin	Peak Flow	
	10-year	50-year
	CFS	CFS
EX1	1.4	2.3
A	16.9	27.7
B	1.7	5.7
C	26.8	26.8
Proposed Total	45.5	60.3
OS1 is collected offsite and then piped through the property to the power plant's ocean discharge.		

LEGEND

- 12 — PROPOSED MINOR CONTOUR
- 15 — PROPOSED MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- 15 — EXISTING MAJOR CONTOUR
- PROPERTY BOUNDARY
- < STM < STM — PROPOSED STORM DRAIN
- EX STORM DRAIN TO REMAIN
- PROPOSED STORM INLET
- PROPOSED BASIN BOUNDARY
- BASIN NAME
- DRAINAGE BASIN ID
- IMPERVIOUSNESS / BASIN AREA
- DESIGN POINT
- DRAINAGE FLOW ARROW

NOTES:
1. ALL ELEVATIONS ARE FINISHED GRADE OR GRADE AT EDGE OF FOUNDATION UNLESS OTHERWISE NOTED.



scale 50 — 100 0 100 200 feet

REV	DATE	DESCRIPTION	DWN	DGN	CHK	APP
	10/17/12	ADD SOUND WALLS	TAN	TAN	RDC	RDC
	7/3/2012	AIR PERMIT SUBMITTAL	TAN	TAN	AP	RDC

SCALE: AS NOTED

WARNING: 0 1/2 1 — IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE

D SIZE 36"x24"

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REDONDO BEACH ENERGY PROJECT
REDONDO BEACH, CA.

DEVELOPED DRAINAGE BASINS

DWG# PDR_119487 REV. A

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