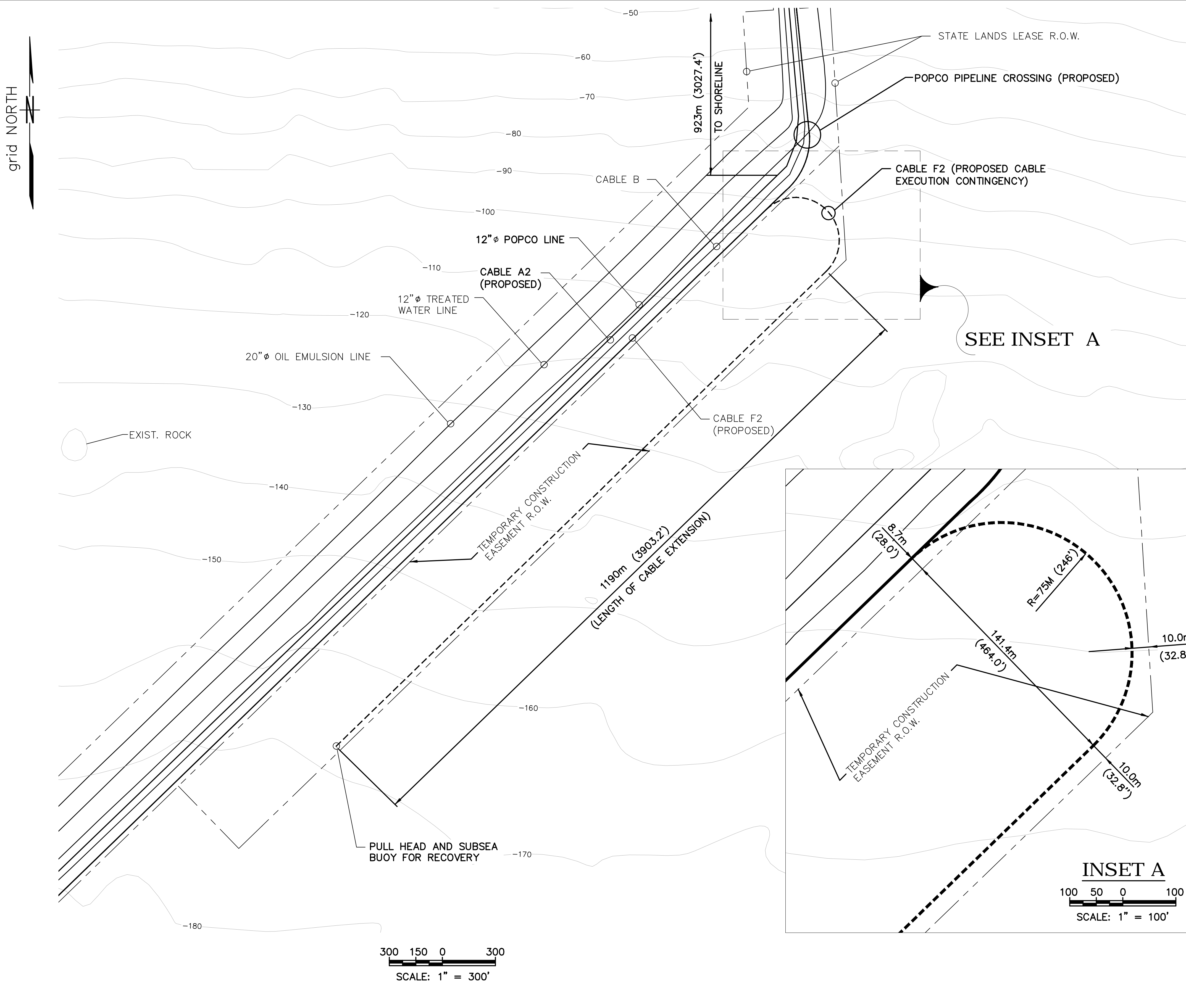


grid NORTH



PROPOSED PIPELINE AND POWERLINE RIGHT OF WAY FOR YNEZ UNIT PRODUCTION PLATFORMS

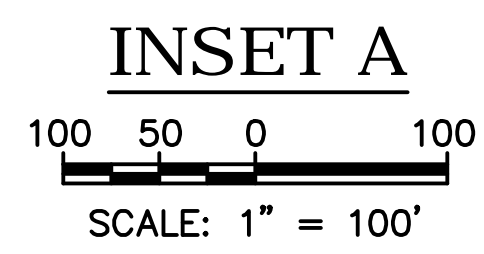
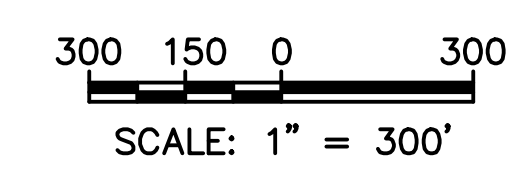
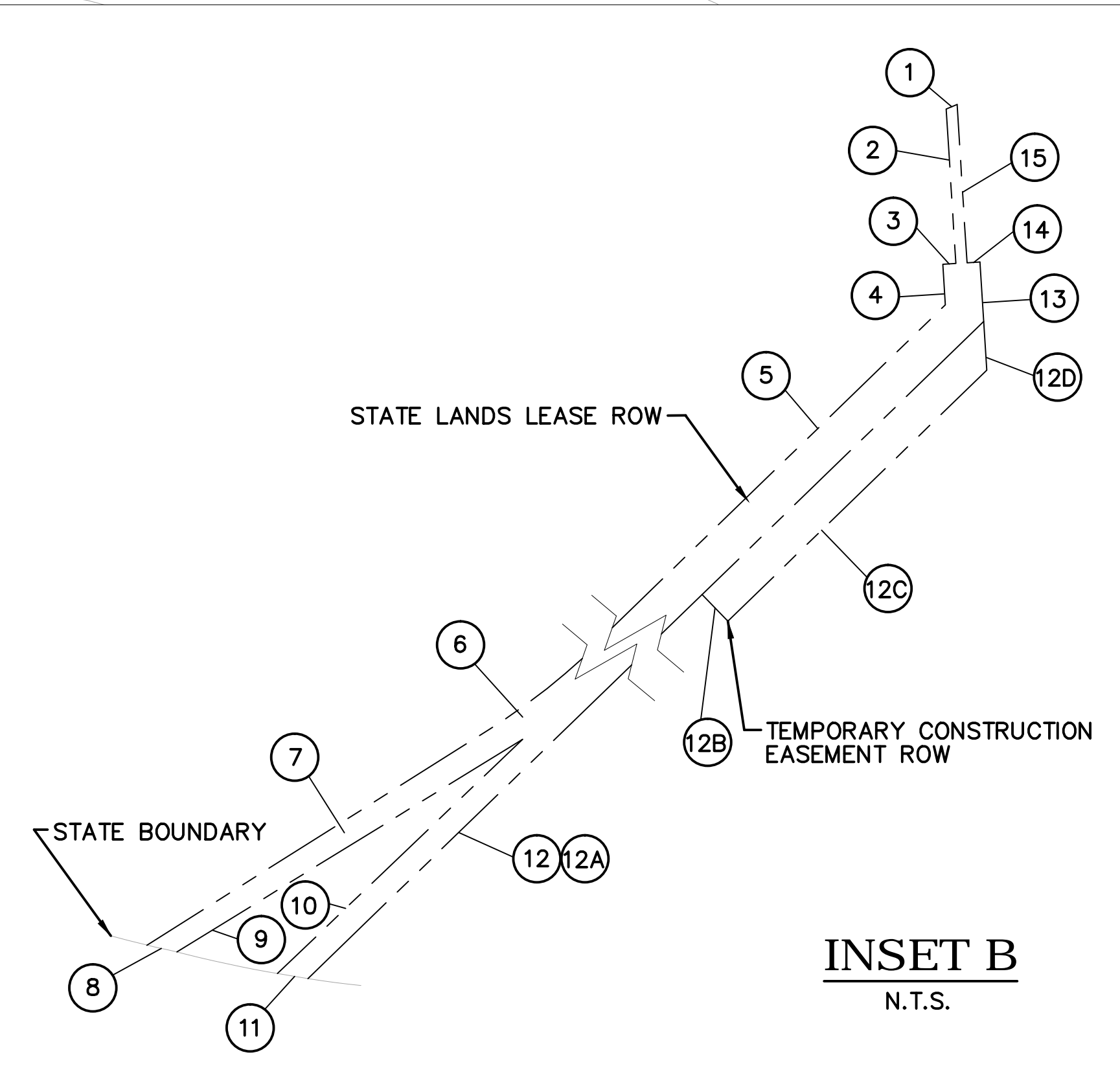
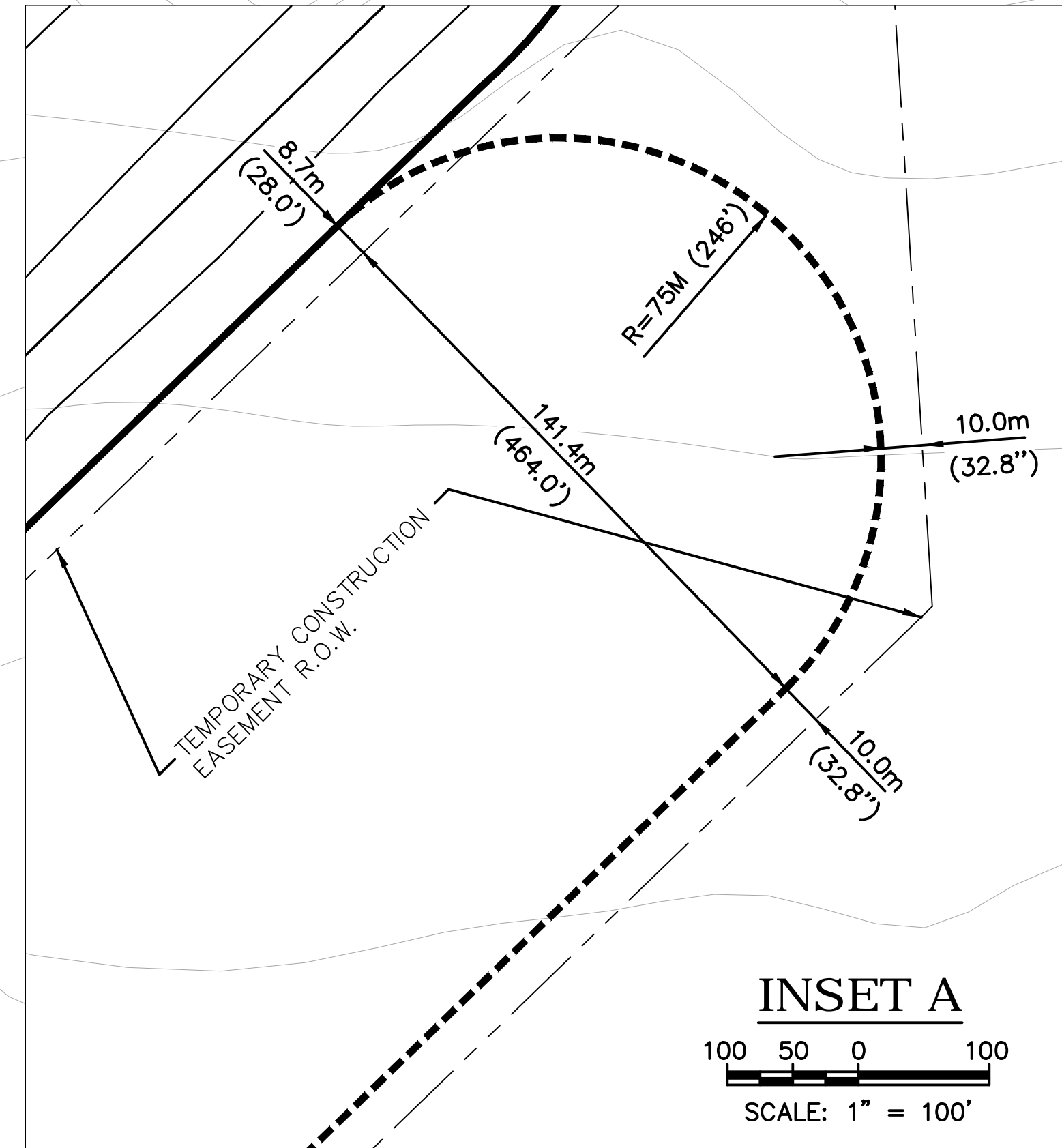
LAND DESCRIPTION:
 A PARCEL OF TIDE AND SUBMERGED LAND LYING IN THE BED OF THE SANTA BARBARA CHANNEL, IN THE VICINITY OF EL CAPITAN STATE BEACH, COUNTY OF SANTA BARBARA, STATE OF CALIFORNIA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:
 COMMENCING AT STATION 81 OF THE MEAN HIGH TIDE LINE OF THE PACIFIC OCEAN PER THE SURVEY THEREOF FILED AT THE REQUEST OF THE STATE LANDS COMMISSION IN BOOK 41 OF MISCELLANEOUS MAPS AT PAGES 12 TO 50, INCLUSIVE, RECORDS OF SAID COUNTY (CALIFORNIA COORDINATE SYSTEM OF 1927 ZONE 5 COORDINATES: X=1,384,252 AND Y=356,700) FROM WHICH A CALIFORNIA HIGHWAY MONUMENT AT "42+83.48 E.C." AS SHOWN ON SAID SURVEYS BEARS N.68°34'27"E. 1220.46 FEET (CALIFORNIA COORDINATE SYSTEM OF 1927 ZONE 5 COORDINATES OF SAID MONUMENT: X=1,385,388.11 AND Y=357,145.83) AND FROM WHICH ANOTHER STATE HIGHWAY MONUMENT BEARS N.45°32'41"W., 376.58 FEET; THENCE: S.67°38'17"W., ALONG SAID MEAN HIGH TIDE LINE 18.30 FEET TO THE TRUE POINT OF BEGINNING; THENCE THE FOLLOWING 16 COURSES (SEE INSET B):

1. S.67°38'17"W., ALONG SAID MEAN HIGH TIDE LINE, 158.43 FEET;
2. S.3°34'58"E., LEAVING SAID MEAN HIGH TIDE LINE, 2,074.50 FEET;
3. S.86°25'02"W., 175.00 FEET;
4. S.3°34'58"E., 544.79 FEET;
5. S.45°52'32"W., 16,761.05 FEET TO THE BEGINNING OF A TANGENT CURVE TO THE RIGHT;
6. THENCE ALONG SAID CURVE, HAVING A RADIUS OF 8,750.00 FEET AND A DELTA OF 11°52'54", 1,814.52 FEET TO THE END OF SAID CURVE;
7. THENCE TANGENT TO SAID CURVE S.57°45'26"W., 5,429.97 FEET, MORE OR LESS, TO A POINT ON THE OFFSHORE BOUNDARY OF THE STATE OF CALIFORNIA AS DETERMINED ACCORDING TO THE DECREE ENTERED BY THE UNITED STATES SUPREME COURT IN UNITED STATES V. CALIFORNIA, ORIGINAL NO. 5, ON JANUARY 31, 1966, 382 US 448;
8. THENCE ALONG A NONTANGENT CURVE TO THE LEFT AND SAID BOUNDARY, THE RADIAL CENTER OF WHICH BEARS N.15°37'16"E., HAVING A RADIUS OF 18,228.31 FEET, AND A DELTA OF 1°17'05", 408.73 FEET;
9. N.57°45'26"E., 5,694.98 FEET;
10. S.45°52'32"W., 4,789.31 FEET, MORE OR LESS TO A POINT ON SAID BOUNDARY OF THE STATE OF CALIFORNIA;
11. THENCE ALONG A NONTANGENT CURVE TO THE LEFT AND SAID BOUNDARY, THE RADIAL CENTER OF WHICH BEARS N.9°54'08"E., HAVING A RADIUS OF 18,228.31 FEET, AND A DELTA OF 1°22'17", 415.76 FEET;
12. N.45°52'32"E., 22,855.96 FEET;

TEMPORARY CONSTRUCTION EASEMENT R.O.W.. BEGIN WITH ALTERNATIVE COURSE 12 (12A SHOWN BELOW).
 12A. N.45°52'32"E., 17599.45 FEET; (LIES ALONG AND BEGINS AT ORIGINAL COURSE 12)
 12B. S.44°6'19"E., 496.56 FEET;
 12C. N.45°53'30"E., 4832.00 FEET;
 12D. N.3°33'47"W., 653.08 FEET;

END OF TEMPORARY CONSTRUCTION EASEMENT R.O.W.
 13. N.3°34'58"W., 798.70 FEET;
 14. S.86°25'02" W., 175.00 FEET;
 15. N.3°34'58"W., 2,125.95 FEET, MORE OR LESS, TO A POINT ON SAID MEAN HIGH TIDE LINE TO THE POINT OF BEGINNING;

EXCEPTING THEREFROM ANY PORTION LYING LANDWARD OF THE ORDINARY HIGH WATER MARK.
 ALL BEARINGS AND DISTANCES IN THIS DOCUMENT CONFORM WITH THE CALIFORNIA COORDINATE SYSTEM OF 1927, ZONE 5, THE CORRESPONDING GEODETIC DISTANCE IS OBTAINED BY MULTIPLYING THE GRID DISTANCE BY 1.0000652.
 END OF DESCRIPTION



NOTES:

1. EXISTING PIPELINE AND CABLE ROUTINGS ARE BASED ON SURVEY BY FUGRO WEST, INC. (DRAWING NO. 06_AS_LAID_D1, DATED 12/12/03)
2. RIGHT OF WAY DESCRIPTION IS BASED ON A SURVEY PLAT PREPARED BY PENFIELD & SMITH ENGINEERS, INC. DATED 12-31-1987 ENTITLED "STATE LANDS COMMISSION LEASE P.R.C. #7163.1 PIPELINE RIGHT OF WAY FOR SANTA YNEZ UNIT PRODUCTION PLATFORMS" PLAT # W.O. 8214, ALL BEARINGS AND DISTANCES CONFORM WITH THE CALIFORNIA COORDINATE SYSTEM OF 1927, ZONE 5, THE CORRESPONDING GEODETIC DISTANCE IS OBTAINED BY MULTIPLYING THE GRID DISTANCE BY 1.0000652.

No.	REVISION	DATE	REV BY	DISC ENGR	PE/EM	XOM APP.
D	ISSUED FOR APPROVAL	11/05/13	PMc	TLK		
C	ISSUED FOR APPROVAL	8/16/13	PMc	TLK		
B	ISSUED FOR APPROVAL	8/8/13	PMc	TLK		
A	PRELIMINARY	7/20/13	PMc	TLK		

DRAWN BY	DATE
PMC	07/18/13
CHECKED BY	DATE
TLK	7/20/13
WSN APPROVAL	DATE
-	-/-/-
XOM APPROVAL	DATE
-	-/-/-

ISSUED BY:
 Waldemar S. Nelson & Co.
FOR APPROVAL
 11-05-13
 NOT FOR CONSTRUCTION

Nelson
 WALDEMAR S. NELSON AND CO.
 INCORPORATED
 JOB NO. 20130138

ExxonMobil
 Production
 U.S. PRODUCTION
 Houston, Texas

PROJECT:	OPSRB					
DRAWING:	DWG-R-4001					
PIPELINE & SUBSEA CABLE LAYOUT						
CEC#1						
CABLE F2 - CABLE EXECUTION CONTINGENCY						
SYU SHORELINE						
SANTA YNEZ UNIT SANTA BARBARA CHANNEL						
SCALE	REV	YEAR	SIZE	DIV.	FIELD	OPTION
1:100	D	2013	E	10	410	W03
TYPE	SEQUENCE					

DWS: R:\V01\1\001\00138_VOM_OPSPRB\4500_CD\PERMIT\DWG-R-4001.DWG
 USER: Tkay
 DATE: 11/17/2013 6:56:09 AM