

ENGINEER'S CERTIFICATION

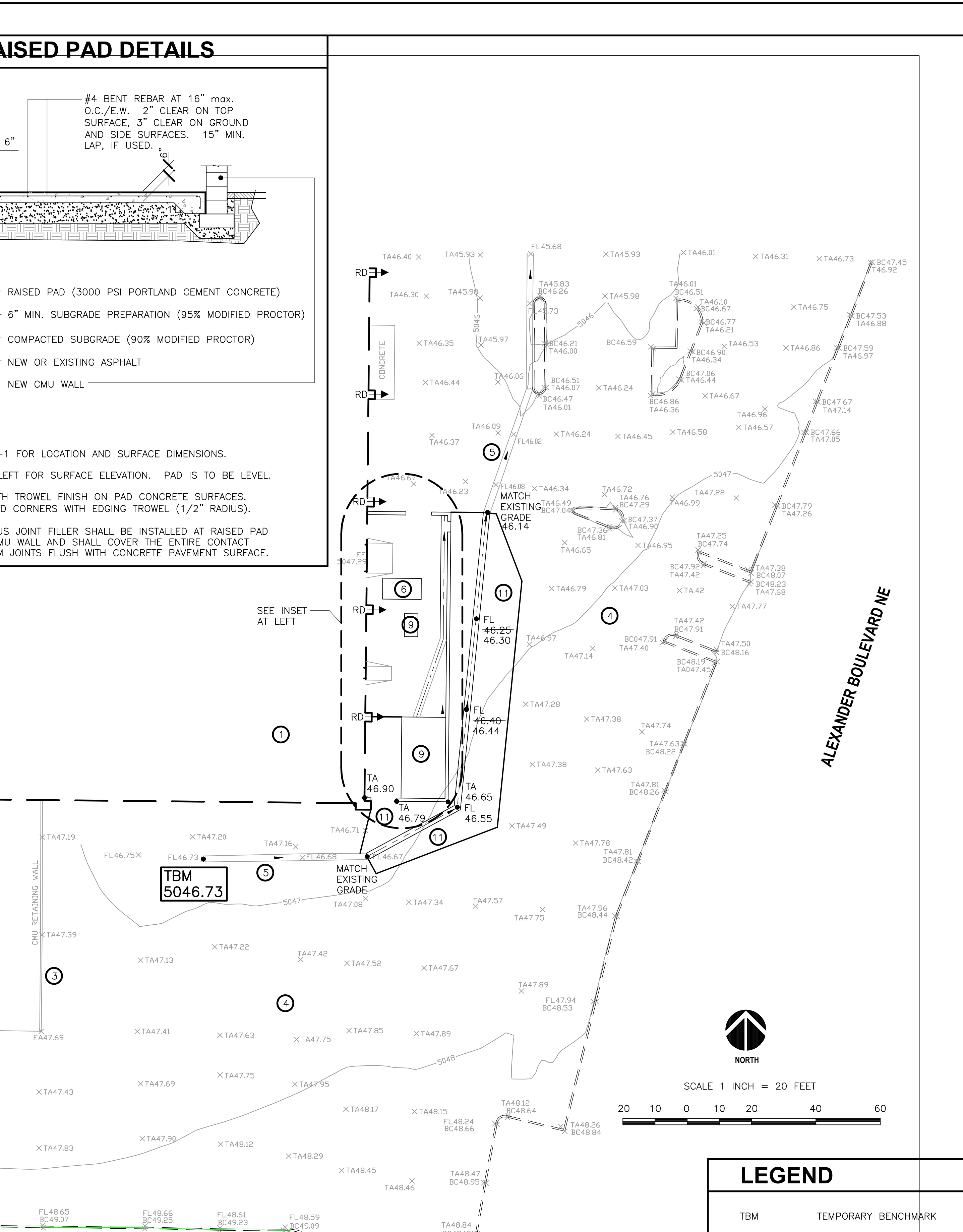
I, JEAN J. BORDENAVE, NMP&LS NO. 5110, OF THE FIRM BORDENAVE DESIGNS, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED SEPT. 22, 2011. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY.

EXCEPTIONS AND/OR QUALIFICATIONS: NONE

THE RECORD INFORMATION PRESENTED ON THE EDITED DESIGN DOCUMENT IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED OCTOBER 31, 2013. THOSE RELYING ON THE EDITED DESIGN DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.

04/21/15

- KEYED NOTES**
- EXISTING BUILDING
 - EXISTING DEPRESSED DOCK.
 - EXISTING CMU RETAINING WALL.
 - EXISTING ASPHALT PAVEMENT TO REMAIN.
 - EXISTING 2' WIDE CONCRETE VALLEY GUTTER. TO REMAIN.
 - EXISTING RAISED CONCRETE GENERATOR PLATFORM TO REMAIN.
 - EXISTING ASPHALT & CONCRETE VALLEY GUTTER. SAW CUT FULL DEPTH, REMOVE AND DISPOSE.
 - EXISTING DOORWAY RAMP TO REMAIN.
 - NEW RAISED CONCRETE PAD. SEE DIMENSIONS AND DETAILS ON SHT A1.1.
 - NEW CMU WALL. SEE DIMENSIONS AND DETAILS ON SHT A1.1.
 - NEW ASPHALT PAVEMENT. SEE DETAIL THIS SHEET.
 - NEW DOORWAY RAMP. SEE CONCRETE RAMP DETAIL THIS SHEET.



ENGINEER'S CERTIFICATION	
PERMANENT BENCHMARK	LEGAL DESCRIPTION
ACS 10-F15	ELEVATION 5002.450 (NAVD 1988)
	TRACT B, BLOCK 5, SUNDT'S INDUSTRIAL CENTER
DRAINAGE DATA/NOTES	
1. THE SITE IS AN EXISTING FACILITY. THE PROPOSED CONSTRUCTION IMPACTS THE EXISTING DRAINAGE PATTERN AS IT SEVERS AND EXISTING DRAINAGE SWALE AND CONCRETE VALLEY GUTTER. ALL PROPOSED CONSTRUCTION WILL TAKE PLACE ON EXISTING IMPERVIOUS SURFACES. NEW SURFACES WILL BE IMPERVIOUS AS WELL. EXISTING ASPHALT PAVEMENT HAS NUMEROUS PATCHES AND ALLIGATOR CRACKING INDICATING SUBGRADE FAILURES. IT IS SUSPECTED THAT THE FAILURES ARE PRIMARILY DUE TO POOR SURFACE DRAINAGE.	
2. THERE IS NO CHANGE IN THE SITE HYDROLOGY OR DRAINAGE PATTERNS DUE TO THE PROPOSED CONSTRUCTION. THEREFORE, NO COMPUTATIONS ARE PROVIDED.	
3. THE SITE IS LOCATED IN AN AREA DESIGNATED 'ZONE X' PER THE FEMA FIRM NO. 138H, DATED AUGUST 16, 2012.	
4. EXISTING TOPOGRAPHY SHOWN ON THIS SHEET WAS OBTAINED BY HARRIS SURVEYING CO., INC. IN OCTOBER, 2013.	
ENGINEER'S CERTIFICATION	
I, JEAN J. BORDENAVE, NMP&LS NO. 5110, OF THE FIRM BORDENAVE DESIGNS, HEREBY CERTIFY THAT THIS PROJECT HAS BEEN GRADED AND WILL DRAIN IN SUBSTANTIAL COMPLIANCE WITH AND IN ACCORDANCE WITH THE DESIGN INTENT OF THE APPROVED PLAN DATED OCTOBER 31, 2013. THE RECORD INFORMATION EDITED ONTO THE ORIGINAL DESIGN DOCUMENT HAS BEEN OBTAINED BY ME OR UNDER MY DIRECT SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION IS SUBMITTED IN SUPPORT OF A REQUEST FOR CERTIFICATE OF OCCUPANCY.	
EXCEPTIONS AND/OR QUALIFICATIONS: NONE	
THE RECORD INFORMATION PRESENTED ON THE EDITED DESIGN DOCUMENT IS NOT NECESSARILY COMPLETE AND INTENDED ONLY TO VERIFY SUBSTANTIAL COMPLIANCE OF THE GRADING AND DRAINAGE ASPECTS OF THIS PROJECT. THOSE RELYING ON THE EDITED DESIGN DOCUMENT ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE USING IT FOR ANY OTHER PURPOSE.	

VICINITY MAP NO. F-16

SCALE 1" = 750'

FEMA FIRM PANEL NO. 138

GRADING NOTES

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

EROSION CONTROL NOTES

- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO PUBLIC RIGHT-OF-WAY OR PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY THE CONSTRUCTION OF TEMPORARY SOIL BERMS OR SILT FENCES AT PROPERTY LINES AND WETTING SOIL TO PREVENT IT FROM BLOWING. IF THE SITE IS CONTROLLED BY A SWPPP PLAN, EROSION CONTROL SHALL BE ACCOMPLISHED ACCORDING TO THE PLAN.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- THE CONTRACTOR SHALL SECURE THE APPROPRIATE BARRICADING, TOP SOIL DISTURBANCE AND EXCAVATION PERMITS FROM THE CITY PRIOR TO BEGINNING CONSTRUCTION.

JUNO ARCHITECTS

7925 BOSQUE ST. NW, ALBUQUERQUE, NM 87114 Ph. (505) 892-8453 Fax. (505) 890-1736

PROJECT: **OSO BIO WAREHOUSE FREEZER PROJECT**
4401 ALEXANDER BLVD., NE, ALBUQUERQUE, NM

SHEET TITLE: **GRADING AND DRAINAGE PLAN**

NO. 1 REVISION: 1 RETAIN ASPHALT PAVEMENT IN WALLED AREA

DATE: 10/31/13

ARCHITECT STAMP: CONSULTANT STAMP

DATE: 10-14-13
PROJECT NO. 1324
SHEET NO. C1.1

DRAINAGE AND TRANSPORTATION INFORMATION SHEET

(REV 12/2005)

PROJECT TITLE: OSO BIO ZONE MAP: F-16
DRB#: --- EPC#: --- WORK ORDER#: ---

LEGAL DESCRIPTION: Tract A, Block 5, Sundt Industrial Center
CITY ADDRESS: 4401 Alexander NE

ENGINEERING FIRM: Bordenave Designs CONTACT: J. Bordenave
ADDRESS: PO Box 91194 PHONE: 823-1344
CITY, STATE: Albuquerque, NM ZIP CODE: 87109

OWNER: Oso Bio CONTACT: ---
ADDRESS: 4401 Alexander Blvd. NE PHONE: ---
CITY, STATE: Albuquerque, NM ZIP CODE: 87107

ARCHITECT: K. Juno CONTACT: K. Juno
ADDRESS: 7925 Bosque St. NW PHONE: 892-8453
CITY, STATE: Albuquerque, NM ZIP CODE: 87114

SURVEYOR: Harris Surveying, Inc. CONTACT: T. Harris
ADDRESS: 2412-D Monroe NE PHONE: 889-8056
CITY, STATE: Albuquerque, NM ZIP CODE: 87110

CONTRACTOR: Unknown CONTACT: ---
ADDRESS: --- PHONE: ---
CITY, STATE: --- ZIP CODE: ---

TYPE OF SUBMITTAL:

☐ DRAINAGE REPORT
☐ DRAINAGE PLAN 1st SUBMITTAL
☐ DRAINAGE PLAN RESUBMITTAL
☐ CONCEPTUAL G & D PLAN
☐ GRADING PLAN
☐ EROSION CONTROL PLAN
☒ ENGINEER'S CERT (HYDROLOGY)
☐ CLOMR/LOMR
☐ TRAFFIC CIRCULATION LAYOUT
☐ ENGINEER'S CERT (TCL)
☐ ENGINEER'S CERT (DRB SITE PLAN)
☐ OTHER (SPECIFY) ---

CHECK TYPE OF APPROVAL SOUGHT:

☐ SIA/FINANCIAL GUARANTEE RELEASE
☐ PRELIMINARY PLAT APPROVAL
☐ S. DEV. PLAN FOR SUB'D APPROVAL
☐ S. DEV. FOR BLDG. PERMIT APPROVAL
☐ SECTOR PLAN APPROVAL
☐ FINAL PLAT APPROVAL
☐ FOUNDATION PERMIT APPROVAL
☒ BUILDING PERMIT APPROVAL
☐ CERTIFICATE OF OCCUPANCY
☐ GRADING PERMIT APPROVAL
☐ PAVING PERMIT APPROVAL
☐ WORK ORDER APPROVAL
☐ OTHER (SPECIFY) ---

WAS A PRE-DESIGN CONFERENCE ATTENDED:

☐ YES
☒ NO
☐ COPY PROVIDED

DATE SUBMITTED: April 21, 2015 BY: Jake Bordenave Requests for approvals of Site Development Plans and/or Subdivision Plats shall be accompanied by a drainage submittal. The particular nature, location, and scope to the proposed development defines the degree of drainage detail. One or more of the following levels of submittal may be required based on the following:

1. **Conceptual Grading and Drainage Plan:** Required for approval of Site Development Plans greater than five (5) acres and Sector Plans.
2. **Drainage Plans:** Required for building permits, grading permits, paving permits and site plans less than five (5) acres.
3. **Drainage Report:** Required for subdivision containing more than ten (10) lots or constituting five (5) acres or more.

CITY OF ALBUQUERQUE



May 1, 2015

Jake Bordenave, P.E.
Bordenave Designs
PO Box 91194
Albuquerque, New Mexico 87109

RE: **Oso Bio**
4401 Alexander NE
Request Permanent C.O. – Accepted
Engineers Stamp Date 10/31/13 (F16D003B1)
Certification Dated (4/21/2015)

Dear Mr. Bordenave,

Based upon the information provided in your certification received 4/21/2015, the permanent CO for this site is acceptable for release of Certificate of Occupancy by Hydrology.

PO Box 1293

Albuquerque

If you have any questions you can contact me at 924-3695 or Rudy Rael at 924-3977.

New Mexico 87103

www.cabq.gov

Sincerely,

Rita Harmon, P.E.
Senior Engineer
Planning Department

RR/RH
C: File