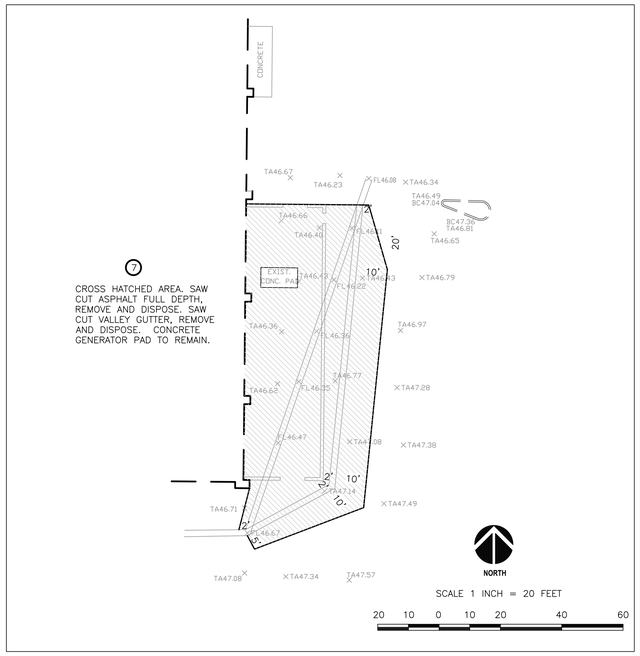
SITE DEMOLITION PLAN

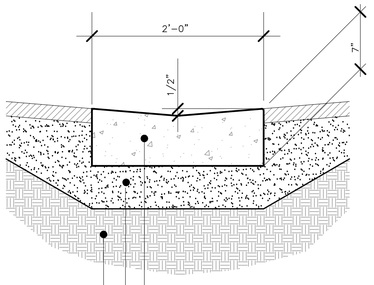


(7) CROSS HATCHED AREA. SAW CUT ASPHALT FULL DEPTH, REMOVE AND DISPOSE. SAW CUT VALLEY GUTTER, REMOVE AND DISPOSE. CONCRETE GENERATOR PAD TO REMAIN.

ASPHALT PAVEMENT DETAIL

- 3" ASPHALT SURFACE COURSE (CITY OF ALBUQUERQUE, TYPE C)
- 6" AGGREGATE BASE COURSE
- 6" SUBGRADE PREPARATION (95% MODIFIED PROCTOR)
- COMPACTED SUBGRADE (90% MODIFIED PROCTOR)

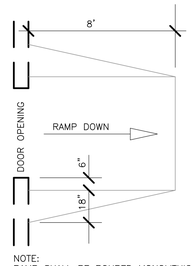
VALLEY GUTTER DETAIL



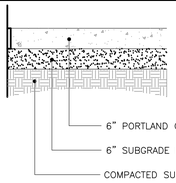
- VALLEY GUTTER (3000 PSI PORTLAND CEMENT CONCRETE)
- 6" SUBGRADE PREPARATION (95% MODIFIED PROCTOR)
- COMPACTED SUBGRADE (90% MODIFIED PROCTOR)

NOTE:
PROVIDE TROWELED CONTRACTION JOINTS AT 8' CENTERS AND EXPANSION JOINTS AT 48' CENTERS.

CONCRETE PAVEMENT DETAIL



NOTE:
RAMP SHALL BE POURED MONOLITHICALLY WITH ABUTTING SLAB.



- 6" PORTLAND CEMENT CONCRETE (3000 psi)
- 6" SUBGRADE PREPARATION (95% MODIFIED PROCTOR)
- COMPACTED SUBGRADE (90% MODIFIED PROCTOR)

NOTES:
PROVIDE BROOM FINISH ON ALL CONCRETE SURFACES. (MAKE PATTERN TRANSVERSE TO SLOPE ON RAMPS.)

PROVIDE CONTRACTION JOINTS AS SHOWN ON INSET. JOINTS SHALL BE A MINIMUM OF 1/8" WIDE AND 1.5 INCHES DEEP. JOINTS SHALL BE THOUROUGHLY CLEANED AND FILLED WITH ELASTOMERIC JOINT SEALANT.

7"X1/2" BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT ALL WALL AND RAISED PAD JOINTS WITH CONCRETE PAVEMENT. TRIM JOINTS FLUSH WITH CONCRETE PAVEMENT SURFACE.

SITE GRADING PLAN

INSET

RAISED PAD DETAILS

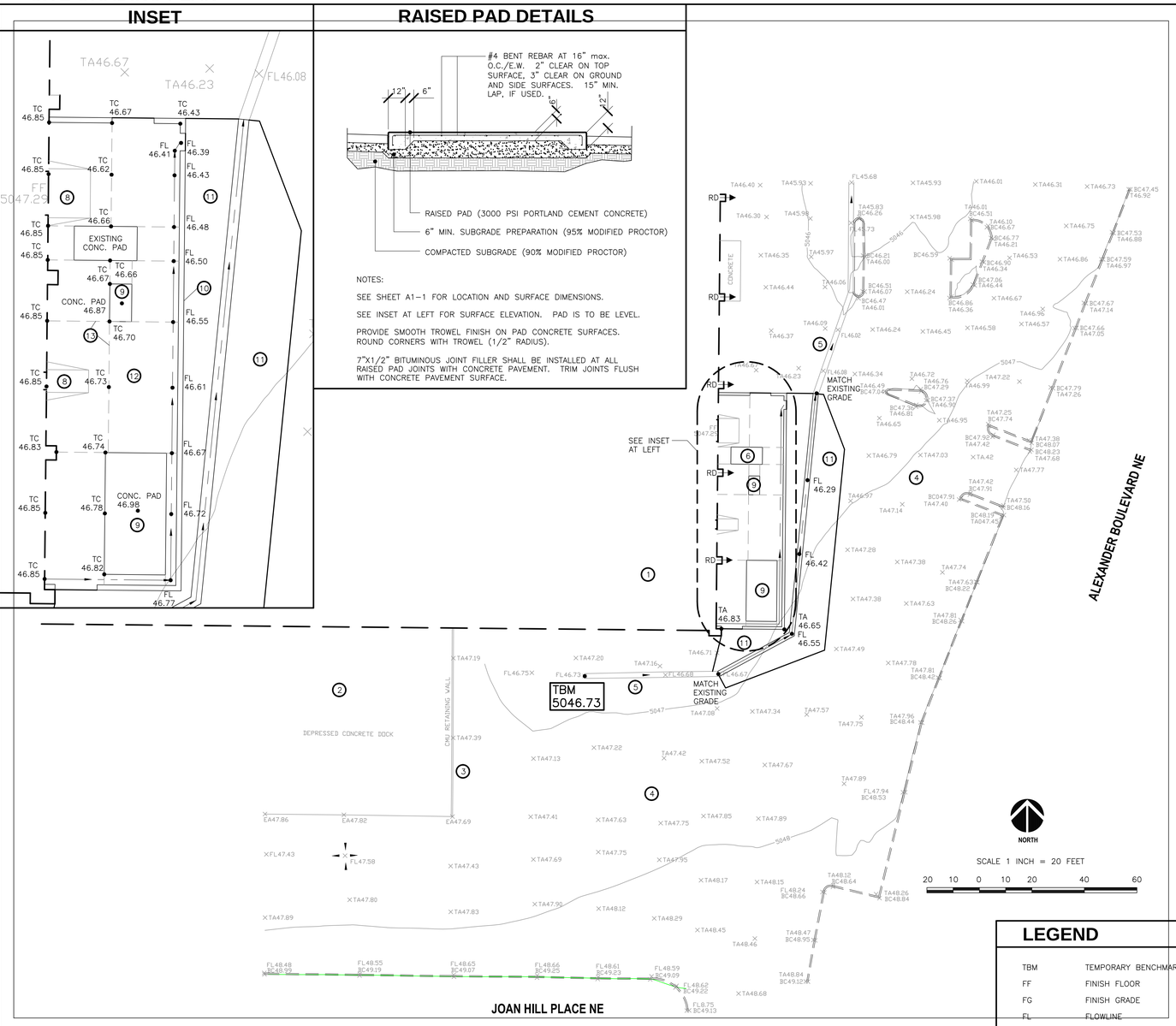
NOTES:

SEE SHEET A1-1 FOR LOCATION AND SURFACE DIMENSIONS.

SEE INSET AT LEFT FOR SURFACE ELEVATION. PAD IS TO BE LEVEL.

PROVIDE SMOOTH TROWEL FINISH ON PAD CONCRETE SURFACES. ROUND CORNERS WITH TROWEL (1/2" RADIUS).

7"X1/2" BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT ALL RAISED PAD JOINTS WITH CONCRETE PAVEMENT. TRIM JOINTS FLUSH WITH CONCRETE PAVEMENT SURFACE.



KEYED NOTES

1. EXISTING BUILDING
2. EXISTING DEPRESSED DOCK.
3. EXISTING CMU RETAINING WALL.
4. EXISTING ASPHALT PARKING AREA.
5. EXISTING 2' WIDE CONCRETE VALLEY GUTTER.
6. EXISTING RAISED CONCRETE GENERATOR PLATFORM TO REMAIN.
7. EXISTING ASPHALT & CONCRETE VALLEY GUTTER. SAW CUT FULL DEPTH, REMOVE AND DISPOSE.
8. NEW DOORWAY RAMP. SEE DETAIL IN CONC. PAVEMENT DETAIL THIS SHEET.
9. NEW RAISED CONCRETE PAD. SEE DIMENSIONS AND DETAILS ON SHT A1.1.
10. NEW CMU WALL. SEE DIMENSIONS AND DETAILS ON SHT A1.1.
11. NEW ASPHALT PAVEMENT. SEE DETAIL THIS SHEET.
12. NEW CONCRETE PAVEMENT. SEE DETAIL THIS SHEET.
13. CONTRACTION JOINT, TYPICAL.

PERMANENT BENCHMARK

ACS 10-F15 ELEVATION 5002.450 (NAVD 1988)

LEGAL DESCRIPTION

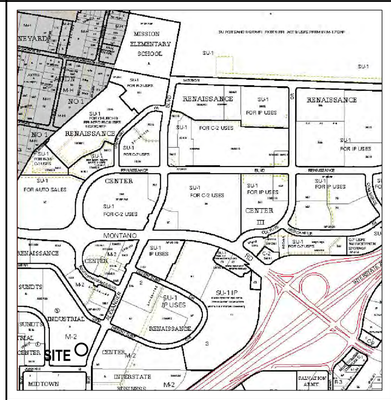
TRACT B, BLOCK 5, SUNDT'S INDUSTRIAL CENTER

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.

VICINITY MAP NO. F-16

SCALE 1" = 750'



FEMA FIRM PANEL NO. 138

GRADING NOTES

1. 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.
2. 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.
3. 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.
4. ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

LEGEND

TBM	TEMPORARY BENCHMARK
FF	FINISH FLOOR
FG	FINISH GRADE
FL	FLOWLINE
TA	TOP OF ASPHALT
TC	TOP OF CONCRETE
BC	TOP OF CURB
TP	TOP OF EARTH PAD
TS	TOP OF SIDEWALK
TW	TOP OF WALL
FH	FIRE HYDRANT
WM	WATER METER
WV	WATER VALVE
MH	MANHOLE
CB	CATCH BASIN GRATE
GM	GAS MATER
GV	GAS VALVE
LP	LIGHT POLE
PP	POWER POLE
GW	GUY WIRE
PED	ELEC. OR TEL. PEDESTAL
RD	ROOF DRAINAGE POINT
	FEMA FLOODPLAIN BOUNDARY
	DRAINAGE BASIN BOUNDARY
	EROSION SETBACK LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
XX.XX	EXISTING SPOT ELEVATION
XX.XX	PROPOSED SPOT ELEVATION
~~XX.XX~~ XX.XX	RECORD SPOT ELEVATION

EROSION CONTROL NOTES

1. 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.
2. 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.
3. THE CONTRACTOR SHALL SECURE THE APPROPRIATE BARRICADING, TOP SOIL DISTURBANCE AND EXCAVATION PERMITS FROM THE CITY PRIOR TO BEGINNING CONSTRUCTION.

SITE

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.	REVISION	DATE

ARCHITECT STAMP

CONSULTANT STAMP

JEFFREY J. BORDENAVE NEW MEXICO NO. 9110 REGISTERED PROFESSIONAL ENGINEER

10/14/13

DATE: **10-14-13**

PROJECT NO. **1324**

SHEET NO. **C1.1**