

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.

CONCRETE

EXIST. CONC. PAD

TA46.67 X
TA46.23 X
TA46.66 X
TA46.41 X
TA46.45 X
TA46.36 X
TA46.65 X
TA46.71 X
TA47.08 X
TA46.67 X
TA46.68 X
TA46.49 X
TA46.34 X
TA46.81 X
TA46.65 X
TA46.97 X
TA46.77 X
TA46.73 X
TA46.72 X
TA46.71 X
TA46.70 X
TA46.69 X
TA46.68 X
TA46.67 X
TA46.66 X
TA46.65 X
TA46.64 X
TA46.63 X
TA46.62 X
TA46.61 X
TA46.60 X
TA46.59 X
TA46.58 X
TA46.57 X
TA46.56 X
TA46.55 X
TA46.54 X
TA46.53 X
TA46.52 X
TA46.51 X
TA46.50 X
TA46.49 X
TA46.48 X
TA46.47 X
TA46.46 X
TA46.45 X
TA46.44 X
TA46.43 X
TA46.42 X
TA46.41 X
TA46.40 X
TA46.39 X
TA46.38 X
TA46.37 X
TA46.36 X
TA46.35 X
TA46.34 X
TA46.33 X
TA46.32 X
TA46.31 X
TA46.30 X
TA46.29 X
TA46.28 X
TA46.27 X
TA46.26 X
TA46.25 X
TA46.24 X
TA46.23 X
TA46.22 X
TA46.21 X
TA46.20 X
TA46.19 X
TA46.18 X
TA46.17 X
TA46.16 X
TA46.15 X
TA46.14 X
TA46.13 X
TA46.12 X
TA46.11 X
TA46.10 X
TA46.09 X
TA46.08 X
TA46.07 X
TA46.06 X
TA46.05 X
TA46.04 X
TA46.03 X
TA46.02 X
TA46.01 X
TA46.00 X
TA45.99 X
TA45.98 X
TA45.97 X
TA45.96 X
TA45.95 X
TA45.94 X
TA45.93 X
TA45.92 X
TA45.91 X
TA45.90 X
TA45.89 X
TA45.88 X
TA45.87 X
TA45.86 X
TA45.85 X
TA45.84 X
TA45.83 X
TA45.82 X
TA45.81 X
TA45.80 X
TA45.79 X
TA45.78 X
TA45.77 X
TA45.76 X
TA45.75 X
TA45.74 X
TA45.73 X
TA45.72 X
TA45.71 X
TA45.70 X
TA45.69 X
TA45.68 X
TA45.67 X
TA45.66 X
TA45.65 X
TA45.64 X
TA45.63 X
TA45.62 X
TA45.61 X
TA45.60 X
TA45.59 X
TA45.58 X
TA45.57 X
TA45.56 X
TA45.55 X
TA45.54 X
TA45.53 X
TA45.52 X
TA45.51 X
TA45.50 X
TA45.49 X
TA45.48 X
TA45.47 X
TA45.46 X
TA45.45 X
TA45.44 X
TA45.43 X
TA45.42 X
TA45.41 X
TA45.40 X
TA45.39 X
TA45.38 X
TA45.37 X
TA45.36 X
TA45.35 X
TA45.34 X
TA45.33 X
TA45.32 X
TA45.31 X
TA45.30 X
TA45.29 X
TA45.28 X
TA45.27 X
TA45.26 X
TA45.25 X
TA45.24 X
TA45.23 X
TA45.22 X
TA45.21 X
TA45.20 X
TA45.19 X
TA45.18 X
TA45.17 X
TA45.16 X
TA45.15 X
TA45.14 X
TA45.13 X
TA45.12 X
TA45.11 X
TA45.10 X
TA45.09 X
TA45.08 X
TA45.07 X
TA45.06 X
TA45.05 X
TA45.04 X
TA45.03 X
TA45.02 X
TA45.01 X
TA45.00 X
TA44.99 X
TA44.98 X
TA44.97 X
TA44.96 X
TA44.95 X
TA44.94 X
TA44.93 X
TA44.92 X
TA44.91 X
TA44.90 X
TA44.89 X
TA44.88 X
TA44.87 X
TA44.86 X
TA44.85 X
TA44.84 X
TA44.83 X
TA44.82 X
TA44.81 X
TA44.80 X
TA44.79 X
TA44.78 X
TA44.77 X
TA44.76 X
TA44.75 X
TA44.74 X
TA44.73 X
TA44.72 X
TA44.71 X
TA44.70 X
TA44.69 X
TA44.68 X
TA44.67 X
TA44.66 X
TA44.65 X
TA44.64 X
TA44.63 X
TA44.62 X
TA44.61 X
TA44.60 X
TA44.59 X
TA44.58 X
TA44.57 X
TA44.56 X
TA44.55 X
TA44.54 X
TA44.53 X
TA44.52 X
TA44.51 X
TA44.50 X
TA44.49 X
TA44.48 X
TA44.47 X
TA44.46 X
TA44.45 X
TA44.44 X
TA44.43 X
TA44.42 X
TA44.41 X
TA44.40 X
TA44.39 X
TA44.38 X
TA44.37 X
TA44.36 X
TA44.35 X
TA44.34 X
TA44.33 X
TA44.32 X
TA44.31 X
TA44.30 X
TA44.29 X
TA44.28 X
TA44.27 X
TA44.26 X
TA44.25 X
TA44.24 X
TA44.23 X
TA44.22 X
TA44.21 X
TA44.20 X
TA44.19 X
TA44.18 X
TA44.17 X
TA44.16 X
TA44.15 X
TA44.14 X
TA44.13 X
TA44.12 X
TA44.11 X
TA44.10 X
TA44.09 X
TA44.08 X
TA44.07 X
TA44.06 X
TA44.05 X
TA44.04 X
TA44.03 X
TA44.02 X
TA44.01 X
TA44.00 X
TA43.99 X
TA43.98 X
TA43.97 X
TA43.96 X
TA43.95 X
TA43.94 X
TA43.93 X
TA43.92 X
TA43.91 X
TA43.90 X
TA43.89 X
TA43.88 X
TA43.87 X
TA43.86 X
TA43.85 X
TA43.84 X
TA43.83 X
TA43.82 X
TA43.81 X
TA43.80 X
TA43.79 X
TA43.78 X
TA43.77 X
TA43.76 X
TA43.75 X
TA43.74 X
TA43.73 X
TA43.72 X
TA43.71 X
TA43.70 X
TA43.69 X
TA43.68 X
TA43.67 X
TA43.66 X
TA43.65 X
TA43.64 X
TA43.63 X
TA43.62 X
TA43.61 X
TA43.60 X
TA43.59 X
TA43.58 X
TA43.57 X
TA43.56 X
TA43.55 X
TA43.54 X
TA43.53 X
TA43.52 X
TA43.51 X
TA43.50 X
TA43.49 X
TA43.48 X
TA43.47 X
TA43.46 X
TA43.45 X
TA43.44 X
TA43.43 X
TA43.42 X
TA43.41 X
TA43.40 X
TA43.39 X
TA43.38 X
TA43.37 X
TA43.36 X
TA43.35 X
TA43.34 X
TA43.33 X
TA43.32 X
TA43.31 X
TA43.30 X
TA43.29 X
TA43.28 X
TA43.27 X
TA43.26 X
TA43.25 X
TA43.24 X
TA43.23 X
TA43.22 X
TA43.21 X
TA43.20 X
TA43.19 X
TA43.18 X
TA43.17 X
TA43.16 X
TA43.15 X
TA43.14 X
TA43.13 X
TA43.12 X
TA43.11 X
TA43.10 X
TA43.09 X
TA43.08 X
TA43.07 X
TA43.06 X
TA43.05 X
TA43.04 X
TA43.03 X
TA43.02 X
TA43.01 X
TA43.00 X
TA42.99 X
TA42.98 X
TA42.97 X
TA42.96 X
TA42.95 X
TA42.94 X
TA42.93 X
TA42.92 X
TA42.91 X
TA42.90 X
TA42.89 X
TA42.88 X
TA42.87 X
TA42.86 X
TA42.85 X
TA42.84 X
TA42.83 X
TA42.82 X
TA42.81 X
TA42.80 X
TA42.79 X
TA42.78 X
TA42.77 X
TA42.76 X
TA42.75 X
TA42.74 X
TA42.73 X
TA42.72 X
TA42.71 X
TA42.70 X
TA42.69 X
TA42.68 X
TA42.67 X
TA42.66 X
TA42.65 X
TA42.64 X
TA42.63 X
TA42.62 X
TA42.61 X
TA42.60 X
TA42.59 X
TA42.58 X
TA42.57 X
TA42.56 X
TA42.55 X
TA42.54 X
TA42.53 X
TA42.52 X
TA42.51 X
TA42.50 X
TA42.49 X
TA42.48 X
TA42.47 X
TA42.46 X
TA42.45

ASPHALT PAVEMENT DETAIL

The diagram illustrates a cross-section of an asphalt pavement structure. At the top is a thin layer of asphalt surface course, followed by a thicker layer of aggregate base course. Below the base course is a layer of subgrade preparation, which is shown with a grid pattern. The bottom layer is the compacted subgrade, also with a grid pattern. A vertical line with a dot at the top indicates the centerline of the pavement. A horizontal line with a dot at the end indicates the edge of the pavement. The layers are labeled with callouts: 3" ASPHALT SURFACE COURSE (CITY OF ALBUQUERQUE, TYPE C), 6" AGGREGATE BASE COURSE, 6" SUBGRADE PREPARATION (95% MODIFIED PROCTOR), and COMPACTED SUBGRADE (90% MODIFIED PROCTOR).

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

The diagram is a cross-sectional view of a valley gutter. At the top, a horizontal dimension line indicates a width of 2'-0". A vertical dimension line indicates a depth of 1/2". A diagonal dimension line indicates a slope of 7". The gutter is filled with a material labeled "VALLEY GUTTER (3000 PSI PORTLAND CEMENT CONCRETE)". Below the gutter is a layer labeled "6" SUBGRADE PREPARATION (95% MODIFIED PROCTOR)". Below that is a layer labeled "COMPACTED SUBGRADE (90% MODIFIED PROCTOR)". A note at the bottom states: "NOTE: PROVIDE TROWELED CONTRACTION JOINTS AT 8' CENTERS AND EXPANSION JOINTS AT 48' CENTERS."

2'-0"

1/2"

7"

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

The drawing consists of two parts. On the left is a plan view of a door opening in a concrete slab. The door is 8' wide. The concrete slab is 6' wide on either side of the door. A ramp down is indicated by an arrow pointing right. On the right is a cross-section of the pavement structure. It shows a 6" thick layer of 3000 psi portland cement concrete on top of a 6" thick layer of subgrade preparation (95% modified proctor). Below that is a compacted subgrade (90% modified proctor). The concrete is shown with a broom finish on top. The subgrade preparation is shown with a pattern transverse to the slope. The compacted subgrade is shown with a pattern transverse to the slope. The door opening is shown with a ramp down. The door is 8' wide. The concrete slab is 6' wide on either side of the door. A ramp down is indicated by an arrow pointing right.

NOTE: RAMP SHALL BE POURED MONOLITHICALLY WITH ABUTTING SLAB.

DOOR OPENING

8'

6"

RAMP DOWN

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 RAMP.)

PROVIDE CONTRACTION JOINTS AS SHOWN ON INSET. JOINTS SHALL BE A MINIMUM OF 1/8" WIDE AND 1.5 INCHES DEEP. JOINTS SHALL BE THOROUGHLY 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.

RAISED PAD DETAILS

#4 BENT REBAR AT 16" max.
O.C./E.W. 2" CLEAR ON TOP
SURFACE, 3" CLEAR ON GROUND
AND SIDE SURFACES. 15" MIN.
LAP, IF USED.

12" 6"

RAISED PAD (3000 PSI PORTLAND CEMENT CONCRETE)

6" MIN. SUBGRADE PREPARATION (95% MODIFIED PROCTOR)

COMPACTED SUBGRADE (90% MODIFIED PROCTOR)

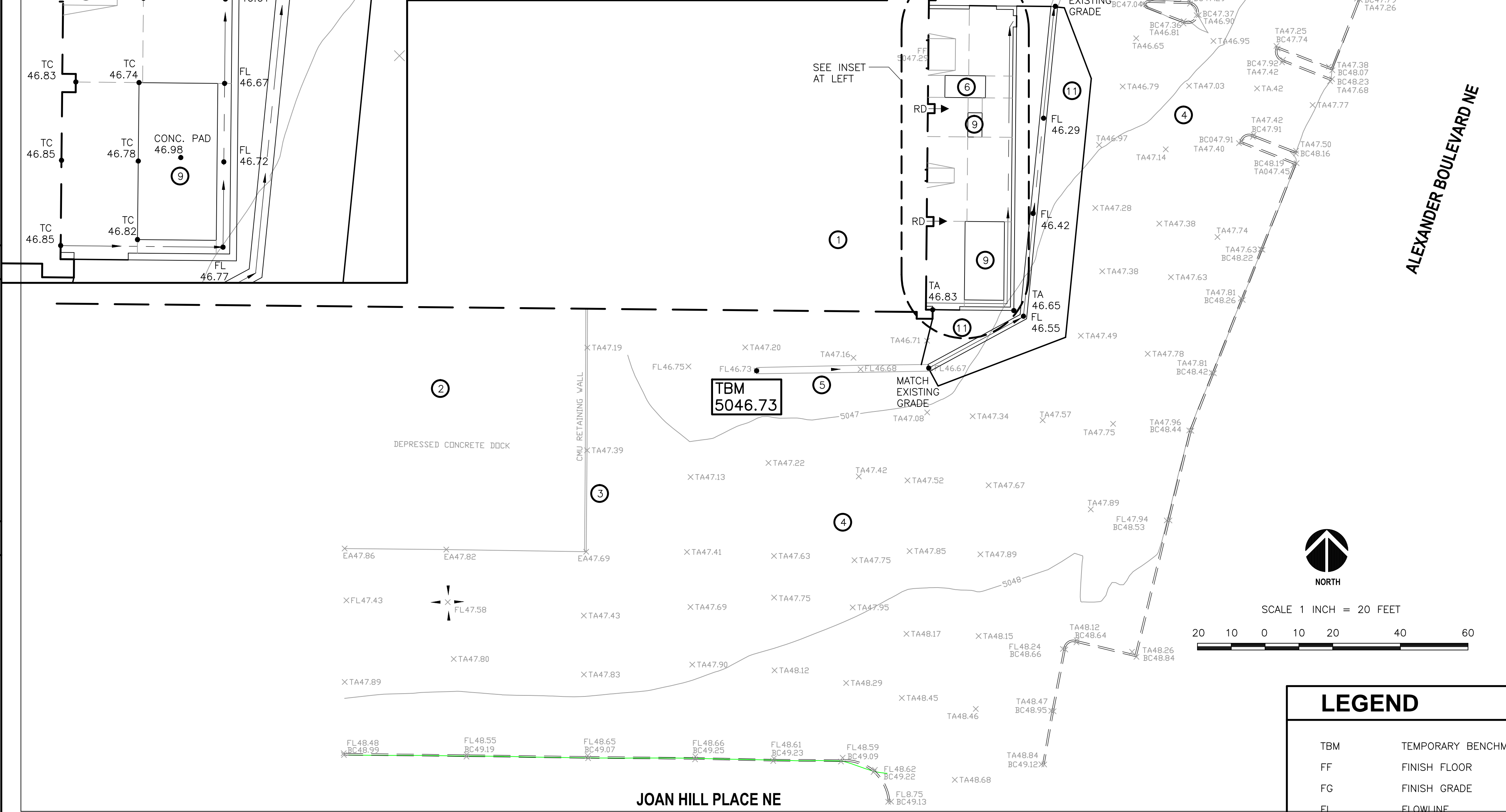
NOTES:

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.



⑦ 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

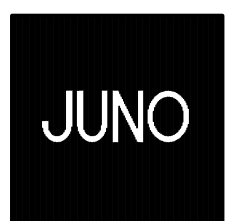

1. THE SITE IS AN EXISTING FACILITY. THE PROPOSED CONSTRUCTION IMPACTS THE EXISTING DRAINAGE PATTERN AS IT SEVERS AND EXISTING DRAINAGE SWALE AND CONCRETE VALLEY GUTTER. ALL PROPOSED CONSTRUCTION WILL TAKE PLACE ON EXISTING IMPERVIOUS SURFACES. NEW SURFACES WILL BE IMPERVIOUS AS WELL. EXISTING ASPHALT 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.

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 METER
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	RECORD SPOT ELEVATION

[illegible]

GRADING NOTES

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM AT 280-1990 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.

<h1>EROSION CONTROL NOTES</h1>			
<p>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.</p> <p>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.</p> <p>3. THE CONTRACTOR SHALL SECURE THE APPROPRIATE BARRICADING, TOP SOIL DISTURBANCE AND EXCAVATION PERMITS FROM THE CITY PRIOR TO BEGINNING CONSTRUCTION.</p>			
<p>SITE</p>			
<p>A R C H I T E C T S</p>			
<p>7925 BOSQUE ST. NW, ALBUQUERQUE, NM 87114 Ph. (505) 892-8453 Fax. (505) 890-1736</p>			
<p>PROJECT:</p> <p>OSO BIO WAREHOUSE FREEZER PROJECT</p> <p>4401 ALEXANDER BLVD., NE, ALBUQUERQUE, NM</p>			
<p>SHEET TITLE:</p> <p>GRADING AND DRAINAGE PLAN</p>			
<p>NO.</p>	<p>REVISION</p>	<p>DATE</p>	
<p>ARCHITECT STAMP</p>		<p>CONSULTANT STAMP</p>	
		<p>DATE:</p> <p>10-14-13</p> <p>PROJECT NO.</p> <p>1324</p> <p>SHEET NO.</p> <p>C1.1</p>	
<p>10/14/13</p>			