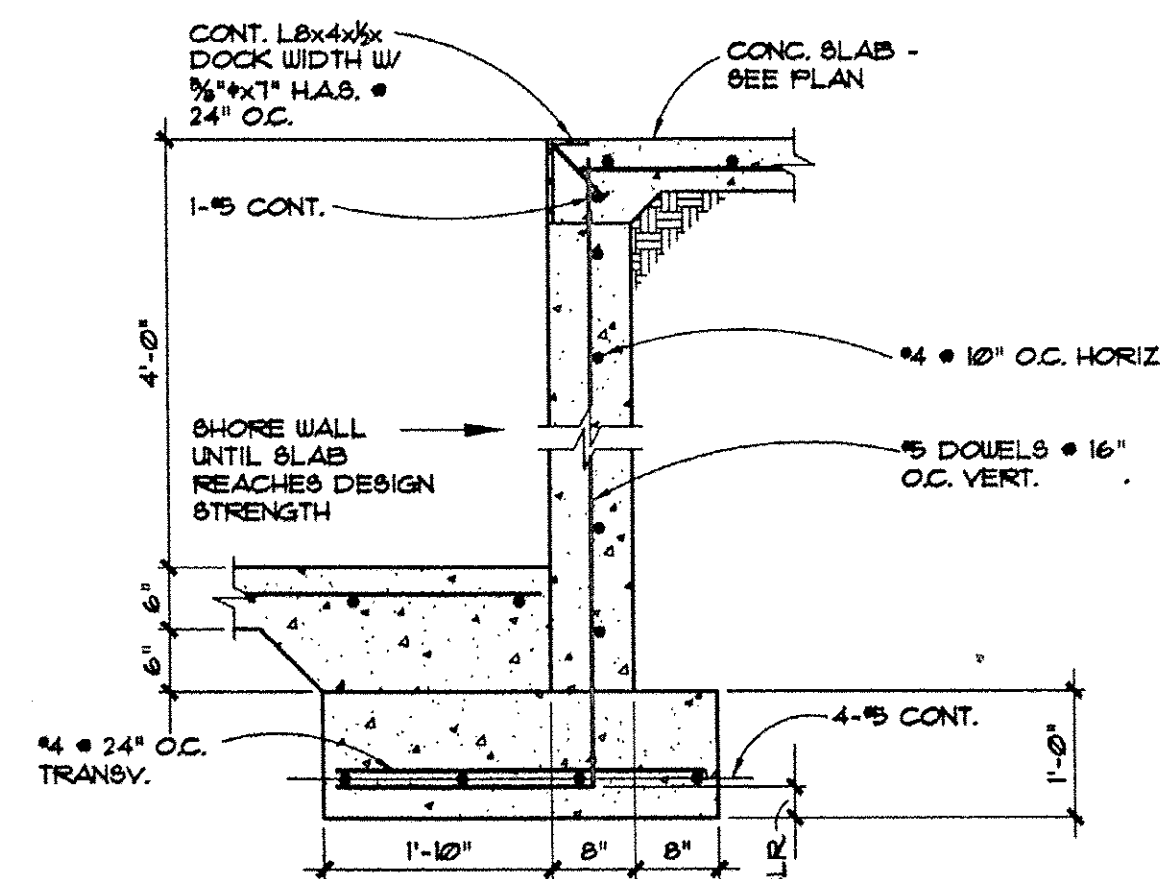
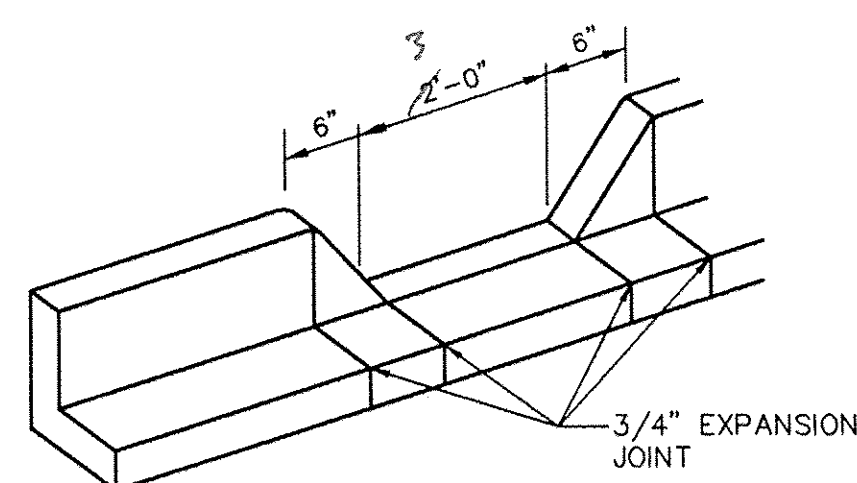




LOADING DOCK SECTION

N.T.S.

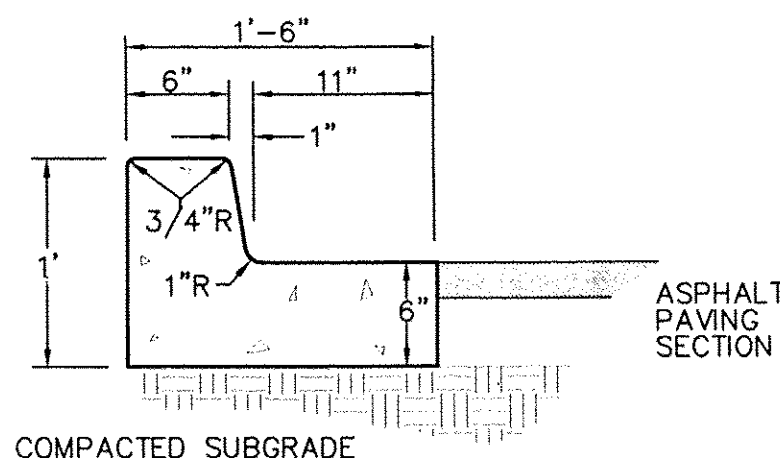


GENERAL NOTES

1. EDGES SHOULD BE REMOVED WITH 3/8" EDGING TOOL

CURB OPENING

N.T.S.



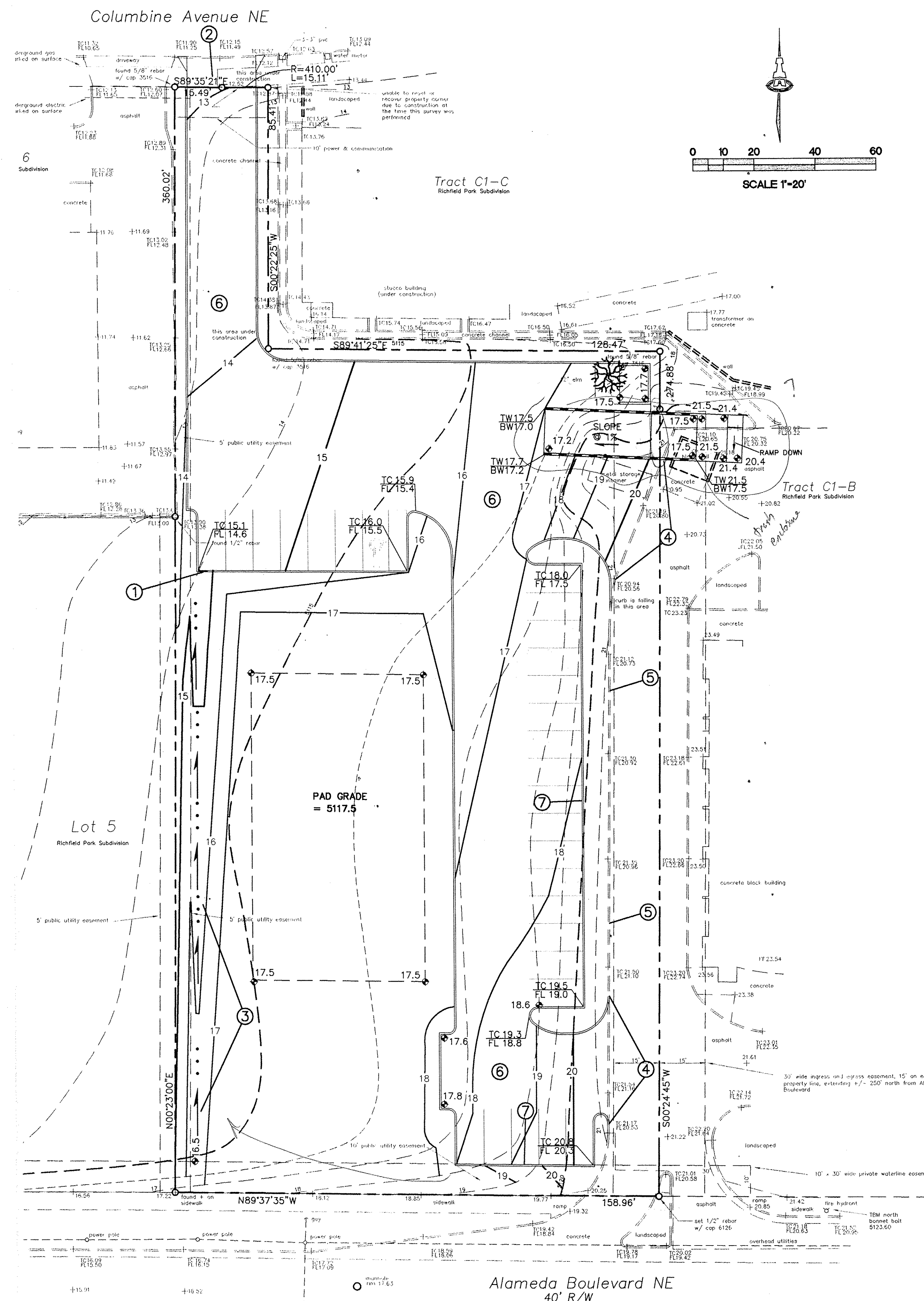
COMPACTED SUBGRADE

GENERAL NOTES

1. PROVIDE CONST. CONTROL JOINTS @ 6' O.C. MAX. AND 1/2" EXPANSION JOINTS @ 48' O.C. MAX.
2. EDGES SHOULD BE REMOVED WITH 3/8" EDGING TOOL
3. MEDIAN C & G REQUIRE FULL FORM ON ALL FACES

6" CURB AND GUTTER

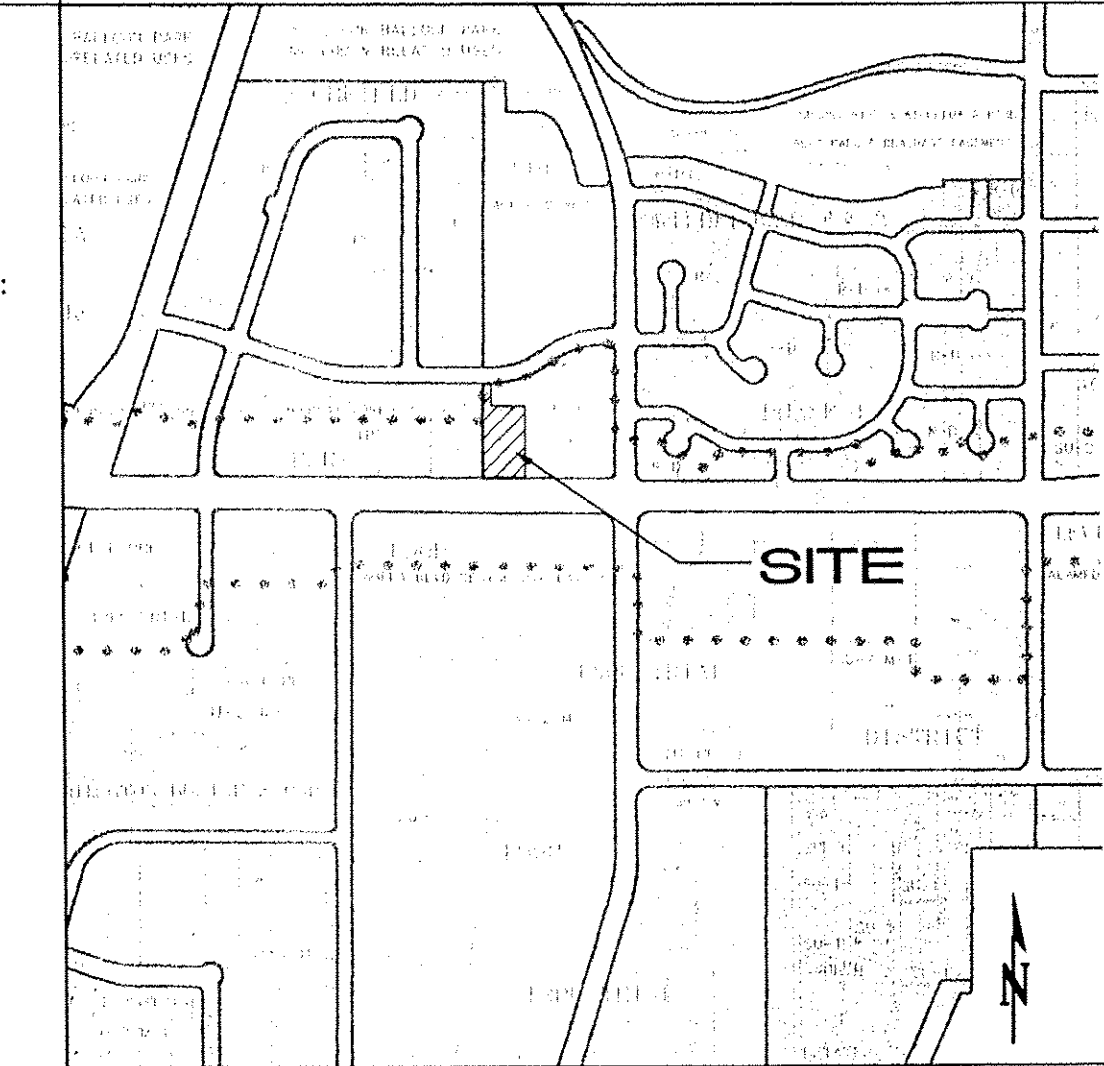
N.T.S.



PROJECT DATA

LEGAL DESCRIPTION: Tract C1-A, Richfield Park Subdivision
AREA: 1.06 Acres
BENCHMARK: City of Albuquerque 12-C17. An aluminum disk located at the NNW quadrant of the intersection of Washington St. and Washington Pl. NE Elevation: 5110.62 NAVD 1988.

VICINITY MAP



KEYED NOTES

1. PROVIDE 3' CURB OPENING.
2. BUILD 22' DRIVEPAD PER COA STD DWG #2425.
3. BUILD EARTH SWALE TO CONVEY FLOW NORTH AT 1% SLOPE MINIMUM. SWALE TO HAVE A 3'-WIDE FLAT BOTTOM WIDTH WITH SIDESLOPES AT 5:1 (HORIZONTAL:VERTICAL).
4. REMOVE AND DISPOSE OF EXISTING CURB AND PROVIDE A SMOOTH RIDING CONNECTION TO EXISTING ASPHALT.
5. EXISTING CURB TO REMAIN.
6. PLACE NEW 3" THICK ASPHALT PAVING OVER GRANULAR SUBGRADE COMPACTED TO 95% (MIN.) COMPACTION.
7. NEW CONCRETE CURB & GUTTER.

HYDROLOGIC DATA

CALCULATIONS: 1641- New Mexico Design Center : Feb. 5, 2008			
Based on Drainage Design Criteria for City of Albuquerque Section 22.2, DPM, Vol 2, dated Jan., 1993			
ON-SITE			
AREA OF SITE:	46174	SF	= 1.1 Ac.
HISTORIC FLOWS:			
On-Site Historic Land Condition		On-Site Developed Land Condition	EXCESS PRECIP:
Area a = 42465 SF		Area a = 0 SF	Ea = 0.53
Area b = 0 SF		Area b = 0 SF	Eb = 0.78
Area c = 0 SF		Area c = 4825 SF	Ec = 1.13
Area d = 3709 SF		Area d = 41349 SF	Ed = 2.12
Total Area = 46174 SF		Total Area = 46174 SF	
On-Site Weighted Excess Precipitation (100-Year, 6-Hour Storm)			
Weighted E = $\frac{EaAa + EbAb + EcAc + EdAd}{Aa + Ab + Ac + Ad}$			
Historic E = 0.66 in		Developed E = 2.02 in	
On-Site Volume of Runoff: V360 = $\frac{E \cdot A}{12}$			
Historic V360 = 2531 CF		Developed V360 = 7759 CF	
On-Site Peak Discharge Rate: $Qp = QpaAa + QpbAb + QpcAc + QpdAd / 43.56$			
For Precipitation Zone 2			
Qpa = 1.56		Qpc = 3.14	
Qpb = 2.28		Qpd = 4.70	
Historic Qp = 1.9 CFS		Developed Qp = 4.8 CFS	

NOTE:
 DEVELOPED RUNOFF ALLOWED TO DISCHARGE ONTO COLUMBINE AVENUE.
 Columbia Ave. Richfield Park MOP
 C17/DOZA, not sites nor here
 see discharge

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- 78.3 PROPOSED SPOT ELEVATION
- FLOW ARROW
- RETAINING WALL
- TC 81.9 TOP OF CURB ELEVATION
- FL 81.4 FLOWLINE
- TW 81.9 TOP OF WALL ELEVATION
- BW 81.4 BOTTOM OF WALL

RECEIVED
 FEB 08 2008
 ISAACSON & ARFMAN, P.A.
 Consulting Engineering Associates
 128 Monroe Street N.E.
 Albuquerque, New Mexico 87108
 Ph. 505-268-8828 Fax. 505-268-2632
 1641 CG-101.dwg Feb. 05, 2008

TRACT C1-A NEW MEXICO DESIGN CENTER CLIENT			
GRADING AND DRAINAGE PLAN			
Date:	No. Revision:	Date:	Job No.
02-05-08			1641
Drawn By:			PAGE
DLP			
Ckd By:			C101
SMM			

C17/DOZA 26C