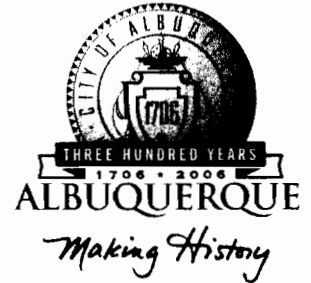


CITY OF ALBUQUERQUE



August 31, 2005

Jeffrey Wooten, PE
Bohannon Huston, Inc
7500 Jefferson NE
Albuquerque, NM 87109

**Re: Paradise Skies Park Grading and Drainage Plan
Engineer's Stamp dated 8-2-05, (A11/D3A4)**

Dear Mr. Wooten,

P.O. Box 1293

Based upon the information provided in your submittal dated 8-29-05, the above referenced plan is approved for Work Order requirements.

Albuquerque

This project requires a National Pollutant Discharge Elimination System (NPDES) permit. Refer to the attachment that is provided with this letter for details. If you have any questions please feel free to call the Municipal Development Department, Hydrology section at 768-3654 (Charles Caruso).

New Mexico 87103

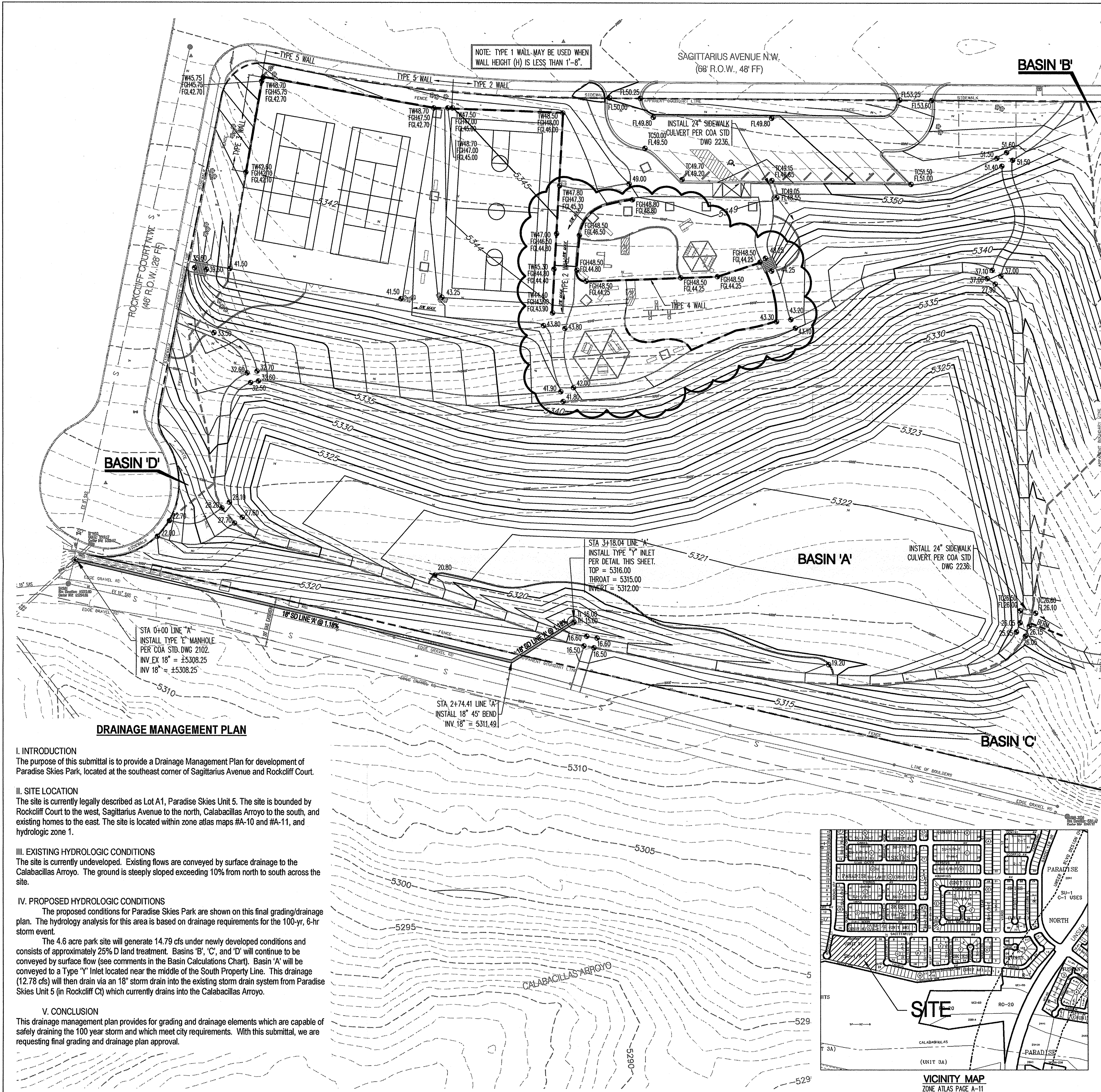
If you have any questions, you can contact me at 924-3986.

www.cabq.gov

Sincerely,

Bradley L. Bingham, PE
Principal Engineer, Planning Dept.
Building and Development Services

C: Chuck Caruso, DMD
David Flores, Parks
Lynn, Mazur, AMAFCA
file



PARADISE SKIES PARK BASIN CALCULATIONS										
This table is based on the COA DPM Section 22.2, Zone 1										
BASIN	Area (SQ FT)	Area (AC)	Land Treatment Percentages				Q(100) (cfs/ac)	Q(100) (CFS)	WTE (inches)	Comments
			A	B	C	D				
Basin 'A'	171615	3.94	0.0%	0.0%	75.0%	25.0%	3.25	12.78	1.24	17662
Basin 'B'	803	0.02	0.0%	0.0%	100.0%	0.0%	2.87	0.05	0.99	66
Basin 'C'	23788	0.55	0.0%	0.0%	100.0%	0.0%	2.87	1.57	0.99	1963
Basin 'D'	5830	0.13	0.0%	0.0%	100.0%	0.0%	2.87	0.38	0.99	481
Totals		4.64					14.79	20172		23175

APPROXIMATE CUT / FILL CALCULATIONS

Cut: 5,580.73 CY
Fill: 14,156.82 CY
Net: 8,576.09 CY (Fill)

BENCHMARK

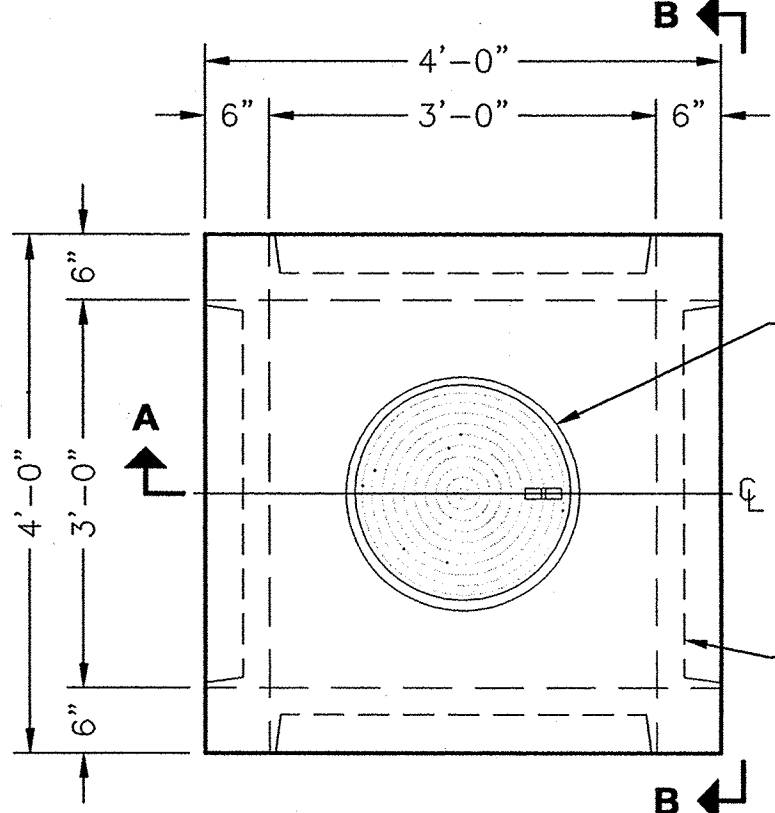
Station Name: SANDBERN
Elevation(NGVD29): 5456.92
NM State Plane X&Y (NAD27): N=1534726.10, E=361976.18

SPECIFICATIONS:

- Concrete: Has a Design Strength of 5,000 psi at 28 Days.
- Steel Reinforcement: ASTM A-615, Grade 60 or ASTM A-497 Welded Wire Fabric.
- Loading: Designed for H20 Loading.
- C.I. Castings: ASTMA-48, Class 30/35.

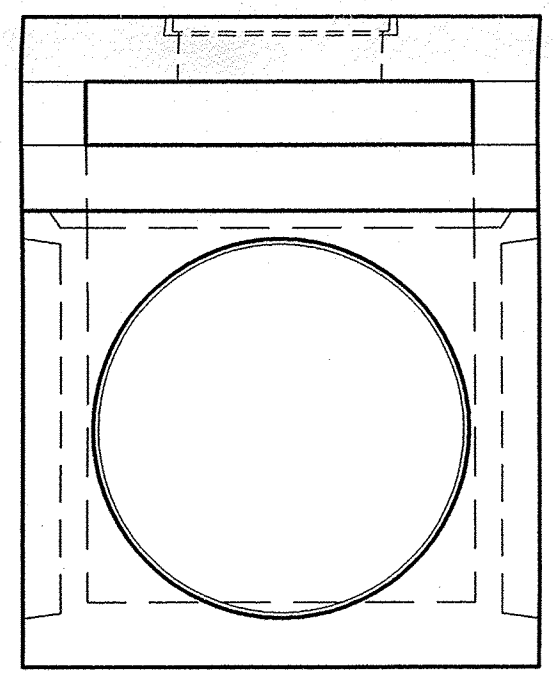
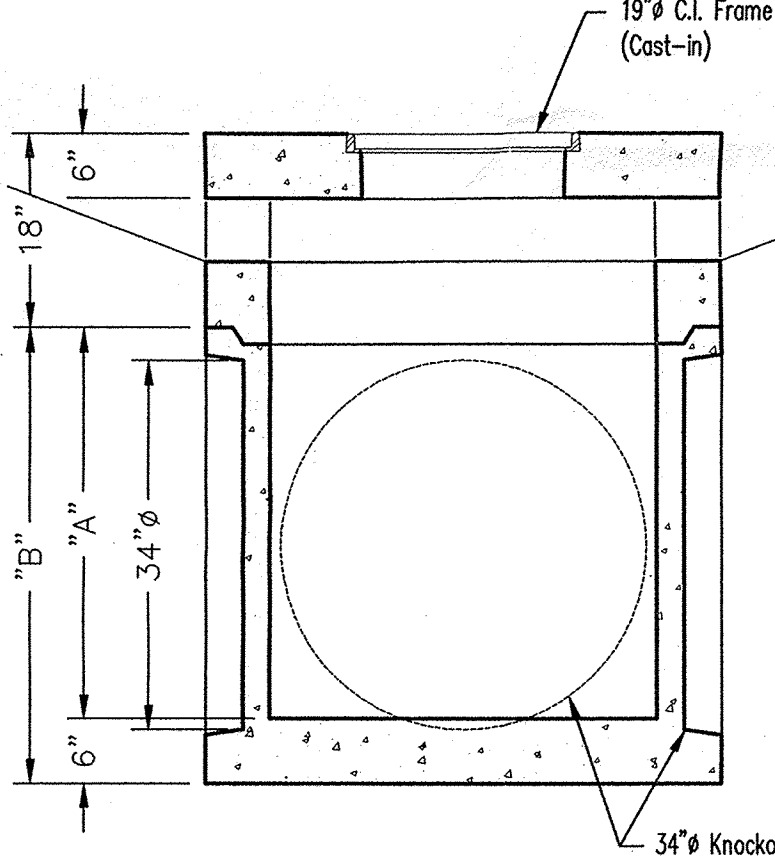
GENERAL NOTES:

- Different Height of Bodies are Available by Request.
- Other Frame and Covers Also Available.
- Contractor to use Type 'Y' Inlet by Oldcastle Products, or Equivalent.



Bottom Section

A	B	Weight	Item #
12"	18"	2250 Lbs.	1203520
24"	30"	3300 Lbs.	1203660
30"	36"	3625 Lbs.	1203740
36"	42"	4350 Lbs.	1203780
42"	48"	4875 Lbs.	1203980
48"	54"	5400 Lbs.	1203980
60"	66"	6450 Lbs.	1204060



TYPE 'Y' INLET

n.l.s.



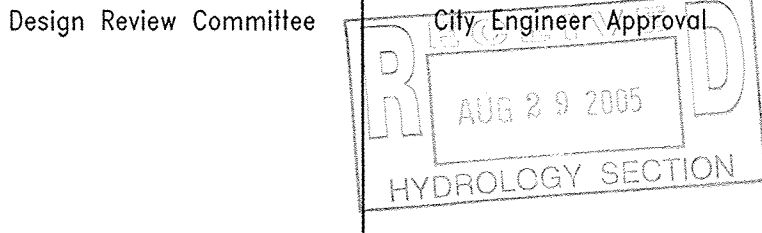
CONSensus PLANNING, INC.
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
e-mail: cp@consensusplanning.com

Bohannon & Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PARK DESIGN AND CONSTRUCTION DIVISION

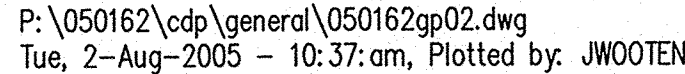
TITLE: PARADISE SKIES PARK
GRADING & DRAINAGE PLAN



City Project No. 730902

Zone Map No. A-11

Sheet 9 of 12



5301 ————— EXISTING CONTOURS

SLOPE ————— PROPOSED DIRECTION OF FLOW

————— PROPOSED RETAINING WALL

5301 ————— PROPOSED CONTOURS

XX.XX PROPOSED SPOT ELEVATIONS:

FL = FLOW LINE

TC = TOP OF CURB / SIDEWALK

TI = TOP OF INLET

TH = THROAT OF INLET

INV = INVERT ELEVATION

TW = TOP OF WALL

FGL = FINISHED GRADE HIGH (W/)

FGL = FINISHED GRADE LOW (W/)

 **PLANNING** **CONSENSUS PLANNING, INC.**
Planning / Landscape Architecture
924 Park Avenue SW
Albuquerque, NM 87102
(505) 764-9801 Fax 842-5495
e-mail: cp@consensusplanning.com

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING ▴ SPATIAL DATA ▴ ADVANCED TECHNOLOGIES

**CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
PARK DESIGN AND CONSTRUCTION DIVISION**

TITLE: PARADISE SKIES PARK
DETAILED PLAY AREA GRADING PLAN

Design Review Committee	City Engineer Approval	Design Update	Mo. / Day / Yr.	Mo. / Day / Yr.
				

City Project No.	730902	Zone Map No.	A-11	Sheet	9a	of	12
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