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ENGINEERING

INFORMATION SHEET

PROJECT TITLE Kachina Tri-plex EN SUBMITTAL Drainage Plan

ZONE ATLAS PAGE NO. H23 - D12A CITY ADDRESS 12911 Kachina Pl. NE

LEGAL DESCRIPTION Lot 237, replat of lot 126A Kachina Hills Unit 1

ENGINEERING FIRM CTS, Inc. CONTACT Andre Houle

ADDRESS 1100 Alvarado, 87110 PHONE 266-3444

OWNER Mechenbier CONTACT 296-9566

ADDRESS 1733 Juan Tabo PHONE

ARCHITECT Garner-Hicks CONTACT Harry Garner

ADDRESS 112 2nd St. SW. PHONE 243-7422

SURVEYOR CTS, Inc CONTACT

ADDRESS PHONE

CONTRACTOR Not Selected CONTACT

ADDRESS PHONE

DATE SUBMITTED 7-26-83

BY Andre Houle

Use this Information Sheet when submitting the following:

Drainage report or plan, conceptual grading and drainage plan, engineer's certification plan, erosion plan and grading plan. Provide the information applicable to your submittal.

City of Albuquerque FILE COPY
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

August 10, 1983

Mr. Andre Houle
CTS, Inc.
1100 B Alvarado NE
Albuquerque, NM 87110

REF: DRAINAGE PLAN FOR 12911 KACHINA PL. NE (H23/D12A)

Dear Mr. Houle:

These are my comments regarding the above plan:

1. The parking lot pond is dead level, this is not acceptable, you must show a minimum of 0.5% slope to drain.

2. Need more detail at North end of building, spot elevations etc, to show how concrete slab at NE corner drains and that it is in fact in basin 2.

3. Show roof drains.

4. Show existing and proposed spot elevations at existing retaining wall. These should show that there are no offsite flows and that cut on this property will not affect the retaining wall.

5. What are you proposing to control nuisance flows on the South end of the site? This could probably be accomplished by swaling north across the small asphalt area to a small pond on the landscaped area and discharging through a K-15.

Roll curb not possible JA

6. Please note, for future projects, that the "C" factor impervious areas is 1.0 not 0.95 (see plate 22.2 C-1, p. 8 in DPM).

If you have any questions, please feel free to call me at 766-7644.

Thank you,

John Armstrong
Civil Engineer/Hydrology

JA:mrk

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 1, 1983

Mr. Andre Houle
CTS, Inc.
110 B Alvarado NE
Albuquerque, NM 87110

REF: DRAINAGE PLAN FOR 12911 KACHINA PL. NE (H23-D12A)

Dear Mr. Houle:

The above mentioned plan, as received August 22, 1983, is in compliance with the changes per my letter of August 10, 1983 with the exception of the cut along the retaining wall. The slope, at the south end of the building, from the wall to swale invert is 0.75 horizontal to 1.0 vertical. This is too steep, especially with the swale at the toe and roof drainage running down the swale. This condition could very easily undermine the existing retaining wall footing depending upon how deep it is. Some other solution to the grade change along the east property line will have to be found.

If you have any questions on the above or would like to discuss alternate solutions to this, please feel free to call me at 766-7644.

Sincerely,

John Armstrong
Civil Engineer/Hydrology

JA:mrk

FILE COPY

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

September 12, 1983

Mr. Andre Houle
CTS, INC
1100 B Alvarado N.E.
Albuquerque, N.M. 87110

RE: DRAINAGE PLAN FOR 12911 KACHINA PL. N.E. (H23-D12A)

Dear Mr. Houle:

These are my comments on the above plan:

1. Address flows in swale east of building. What are you proposing for erosion protection in this area?
2. Please submit retaining wall details.
3. In future submitals please include a revised date.

If you have any questions please feel free to call me at 766-7644.

Thank You,

John Armstrong
Civil Engineer/Hydrology

JA/ccg

City of Albuquerque

P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

FILE COPY

September 14, 1983

Mr. Andre Houle
CTS, INC.
1100 B Alvarado N.E.
Albuquerque, N.M. 87110

RE: Drainage Plan for 12911 Kachina Pl. N.E. (H23-D12A)

Dear Mr. Houle:

The above mentioned plan as revised 9/14/83 is hereby approved.

Thank you,

John Armstrong
Civil Engineer/Hydrology

JA/ccg

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

FILE COPY

November 1, 1983

Mr. Andre Houle
CTS, Inc.
1100 B Alvarado NE
Albuquerque, NM 87110

REF: REVISED DRAINAGE PLAN FOR 12911 KACHINA PLACE NE (H23-D12A)

Dear Mr. Houle:

The above mentioned plan, as revised 10/31/83 is hereby approved. Please be sure that copies of this plan are included in the permit sets and the old plan removed or voided.

If you have any further questions, please call me at 766-7644.

Thank you,

John Armstrong
Civil Engineer/Hydrology

JA:mrk

INFORMATION SHEET

PROJECT TITLE Kachina Tri-Plex D12a TYPE OF SUBMITTAL AMENDMENT

ZONE ATLAS PAGE NO. H-23 CITY ADDRESS 12911 Kachina Place N.E.

LEGAL DESCRIPTION Lot 237 of Replat of Lot 126-A Kachina Hills - Unit 1

ENGINEERING FIRM C.T.S. Inc. CONTACT Andrea Houle

ADDRESS 1100 Alvarado N.E. PHONE 266-3444

OWNER _____ CONTACT _____

ADDRESS _____ PHONE _____

ARCHITECT Garner Hicks CONTACT Harry Garner

ADDRESS 112 2nd S.W. PHONE 243-7492

SURVEYOR _____ CONTACT _____

ADDRESS _____ PHONE _____

CONTRACTOR _____ CONTACT _____

ADDRESS _____ PHONE _____

DATE SUBMITTED 12-5-83

By C.T.S. Inc.

RECEIVED

DEC 06 1983

ENGINEERING

City of Albuquerque
P.O. BOX 1293 ALBUQUERQUE, NEW MEXICO 87103

December 23, 1983

Mr. Andre Houle
CTS, Inc.
1100 B Alvarado NE
Albuquerque, New Mexico 87110

RE: REVISED DRAINAGE PLAN FOR 12911 KACHINA PLACE NE (H23-D12A)

Dear Mr. Houle:

The above mentioned plan, as revised December 1, 1983, is hereby approved. Please see that copies of the revised plan are inserted in the permit sets and the old plan removed or voided.

If you should have any questions on the above, please feel free to contact me at 766-7644.

Thank you,

John Armstrong
Civil Engineer-Hydrology

JA/ca

Bernie @ Hydro ...

DATE: 2/6/84

MAP NO: G-20

PROJECT/AGREEMENT # 1554

The above referenced work order has been completed in accordance with the plans and specifications and acceptable as-built drawings have been submitted to our office. I recommend the work order for final acceptance effective 2/6/84.

CONTRACTOR: Blanchard / Summitt Const.

INSPECTOR: Dolly Herrera

SUBDIVISION: Sierra Vista Townhomes Channel

LOCATION: _____

SUBMITTED DOCUMENTATION

WORK ORDER: X

FINAL QUANTITIES

INSPECTOR'S: X

CONTRACTOR'S: ____

FEE'S

PERMIT'S: ____

TESTING: ____

COST APPORTIONMENT: ____

EXPLANATION OF OVERRUNS/UNDERRUNS >10%: ____

INSPECTOR Dolly Herrera 2/6/84
(SIGNATURE) (DATE)

W. J. McNamara 3/21/84
(DATE)

ASSISTANT CITY ENGINEER, FIELD

Mary Dirdo

(6)

STA	+	HI	INT.	−	ELEV	REMARKS
BM					5851.05	ACS "Z-1123 1982"
	12.14	63.22				
TP#1				0.40	62.8	
	12.85	75.77				
8			1.7		5879.07	GRAVEL
9			4.6		71.17	"
10			1.28		74.99	SIDEWALK
7			0.59		75.18	FINISH FLOOR
11			1.68		74.09	SIDEWALK
12			4.2		71.57	GRAVEL
13			4.20		71.57	DRIVEPAD (CONCRETE) INVERT?
14			1.06		74.71	" (")
15			3.89		71.88	" (ASPHALT)
16			3.45		72.32	INVERT
17			3.15		72.62	DRIVEPAD (ASPHALT)
18			2.13		73.69	" "

STA	+	#1 75.77	INT.	-		REMARKS
"A"			0.55		75.22	FINISHED FLOOR
22			2.34		73.93	ASPHALT
29			0.56		75.21	FINISHED FLOOR
25			2.79		72.98	ASPHALT
24			3.13		72.64	"
21			3.35		72.42	"
20			3.35		72.42	"
19			3.37		72.40	"
23			2.12		73.65	"
26			2.3		73.47	GRAVEL
27			0.5		75.72	"
TP#2				0.43	75.37	
	6.83	82.20				
28			7.42		74.78	CONCRETE PATIO
30			7.2		75.00	GROUND

STA	+	HI	INT	−	ELEV	REMARKS
		82.20				
31			5.2		77.00	GROUND
32			4.8		77.40	"
33			4.8		77.40	"
TP #3				4.53	77.67	
	0.96	78.63				
1			1.0		77.63	GROUND
2			2.2		76.43	"
3			4.2		74.43	"
4			4.1		74.53	"
5			3.45		75.18	FINISHED FLOOR
6			3.95		74.68	PATIO
TP #4				14.12	64.51	
	0.36	64.87				
BM				13.85	535[illegible]	E. OF C. 0.06