Table of Contents

Fil	le _	1993-0070 Name: <u>ABC Storage - 2546 West Pinyon Avenue - Site Plan Review</u>							
P S A few items are denoted with an asterisk (*), which means they are to be scanned for permanent record on the Is									
r	c	in terms are denoted with an asterisk (), which means they are to be scanned for permanent record on the 1313							
e	a	retrieval system. In some instances, items are found on the list but are not present in the scanned electronic development file because they are already scanned elsewhere on the system. These scanned documents are denoted with (**) and will							
S	n n	be found on the ISYS query system in their designated categories.							
e n	e	Documents specific to certain files, not found in the standard checklist materials, are listed at the bottom of the page.							
t	d	Remaining items, (not selected for scanning), will be listed and marked present. This index can serve as a quick guide for							
		the contents of each file.							
X	X	Table of Contents							
		*Review Sheet Summary							
X	X	*Application form							
X		Review Sheets							
		Receipts for fees paid for anything							
		*Submittal checklist							
		*General project report							
		Reduced copy of final plans or drawings							
		Reduction of assessor's map.							
		Evidence of title, deeds, easements							
		*Mailing list to adjacent property owners							
		Public notice cards							
		Record of certified mail							
		Legal description							
		Appraisal of raw land							
		Reduction of any maps – final copy							
		*Final reports for drainage and soils (geotechnical reports)							
		Other bound or non-bound reports							
		Traffic studies							
X	X	The Fred W Commence							
		*Petitioner's response to comments							
X	X	*Staff Reports							
		*Planning Commission staff report and exhibits							
		*City Council staff report and exhibits							
	*Summary sheet of final conditions								
		DOCUMENT DESCRIPTION:							
x	X	Correspondence							
		Correspondence Planning Clearance - 5/19/93 - **							
$\overline{}$		Hydrology Calculations							
	X	Planning Clearance - ** - issued 5/19/93							
X		Plot Plan							
	X	Site Plan - to be scanned							
-		She Figure 1 to be seamed							
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			property lines and all s	treets which abu	t 🌠	Ο.	Structu	ıral Information			
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			a professional engineer	. (Scale 1 – 30)	,			ercent of Buildin	ng Covera	ge	
	风	C. I	Drainage & Grading Pla	n / Report				etbacks ighting ^(a)			
	K	D. ,	Utilities Composite				5) Si	gnage Detail (a)	(b)		
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			Attorney	☐ City Traffic	• -			□ Building	g Departm	ent	ı
	_	-	Utilities Engineer	□ Parks & Re	_			⊁ GJ Drai	-		1

🔀 City Development Engineer 🗶 Fire Department



August 23, 1991

Bob Turner Alco Building Co. 599 25 Road Grand Junction, CO 81501 Grand Junction Community Development Department Planning • Zoning • Code Enforcement 250 North Fifth Street Grand Junction, Colorado 81501-2668 (303) 244-1430 FAX (303) 244-1599

Dear Mr. Turner:

The following are the review comments for the proposed storage units at 2546 W. Pinyon Ave., Grand Junction.

City Engineer:

- 1. Payment for half street improvements to 25 1/2 Road must be made to the City in the amount of \$10,324.80 (\$45/linear foot).
- 2. Drainage plan O.K.

Community Development:

- 1. A separate fence permit will be required for the perimeter fence.
- 2. A sign permit will be required for any proposed signage.
- 3. Landscaping must be provided along 25 1/2 Road. A total of 1725 sq.ft. must be provided, including at least 4 trees and 690 sq.ft. of shrubs. Bark is preferred over rock for ground cover. Ash trees are preferred over Elm and must be at least 1 1/2" caliper. Shrubs must be the 5 gal. size.
- 4. A pressurized irrigation system is required for all landscaped areas.
- 5. Parcels 2945-102-16-005 and 018 must be combined into one.

A revised landscaping plan must be submitted and approved for the improvements along 25 1/2 Road prior to issuance of a Planning Clearance. The half street improvements must also be paid and the two parcels combined prior to issuance of a Clearance.

Sincerely,

Katherine M. Portner

Senior Planner

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                  1.21 \times 0.15 = 0.15
                      1.21
                   1.8 (1.1 - 0.15)(sq.rt.230) = 26 min. 2 yr.
     Phy page
                             (cube rt. 1.0)
                    "\(1.1 - 0.25)" = 23 min. 100 yr.
                  (i = 1.41, 3.80; Cf = 1.0, 1.25; c = 0.2, 0.3)
               = 1.0 \times 0.2 \times 1.41 \times 1.21 = 0.34 \text{ cfs} 2 \text{ yr}.
                 1.25 \times 0.3 \times 3.80 \times 1.21 = 1.72 \text{ cfs} 100 \text{ yr}.
               = 26 \times 60 \times 1.41 \times 0.2 \times 1.21 = 532 \text{ cf} 2 \text{ yr}.
     RO
                 23 x 60 x 3.80 x 0.3 x 1.21 = 1903 cf 100 yr.
     IMPROVED SITE:
     SITE AREA
                                                                     = 1.21 Ac.
     LANDSCAPED AREA (15x181)+(20x34)+(6x209) = 4649 \text{ sf} = 0.10 \text{ Ac}.
     BUILDINGS + PAVED AREA
     c (bldg+paved) 0.90, 0.95; (landscpd) 0.20, 0.30.
 Saz
     Cf = 1.0 (2 yr.), 1.25 (100 yr.)
     C comp = (0.10 \times 0.20) + (1.11 \times 0.90) = 0.842 2 yr.
BND
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                  (0.10 \times 0.30) + (1.11 \times 0.95) = 0.896 100 yr.
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               = 1.8(1.1-0.842)(s.r. 230)
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               = (1.1-0.896)
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                  (i = 1.95, 4.95)
     0
                  1.00 \times 0.842 \times 1.95 \times 1.21 = 1.99 \text{ cfs}
                  1.25 \times 0.896 \times 4.95 \times 1.21 = 6.71 \text{ cfs}
              = 7.0 \times 60 \times 1.95 \times 0.842 \times 1.21 = 834 \text{ cf} \setminus 2 \text{ yr}.
     RO
               = 5.6 \times 60 \times 4.95 \times 0.896 \times 1.21 = 1804 \text{ cf } 100 \text{ yr}.
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C:\WW10\WINGO.PLN WINGO HYDROLOGY 06/11/93 STOR. BLDGS.

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UNIMAROVED SITE:

C\WW10\WINGO 93 ABC STORAGE UNITS, PINYON & CRETE CR., GRAND JUNCTION, CO LOUIS WINGO, OWNER. ALCO BUILDING COMPANY, INC. CONTR. HYDROLOGY CALCULATIONS AS "REQUIRED" FOR A BUILDING PERMIT". EXISTING UNIMPROVED SITE: (LATER DESIGNATED BY GJ AS (h) HISTORICAL SITE) $230' \times 229.4' = 52,762 \text{ SF} = 1.21 \text{ ACRES}$ "C" VALUES 100 YR 2 YR 0.15 0.30 Tc: (RECOGNIZED DRCOG NON-CHANNEL FLOW) 1.8 (1.1-0.15)s.r.230 c.r 1.74 = 22 MIN. 2 YR do (1.1-0.30) do = 18 MIN. 100 YRi = 2 YR = 1.05 IN/HR 100 YR = 2.99 IN/HR100 PR = 1.10 - 61/2 Julies VI VIEWELL SEE = ANTECEDEN'S FACTOR $Q = \mathcal{K} C i A$ 0.17 $N_{N} = 0.15 \times 1.05 \times 1.21 = 0.19 \text{ cfs}$ 2 yr 10.860 x 0.30 x 2.99 x 1.21 = 1.35 cfs 100 yr $RQ = 22 \times 60 \times 1.05 \times 0.15 \times 1.21 = 252 \text{ cf}$ 2 $18 \times 60 \times 8.99 \times 0.30 \times 1.21 = 1.72 \text{ cf}$ 100 IMPROVED SITE: (LATER DESIGNATED BY GJ AS (d) DEVELOPED SITE) 100 YR ACRES 2 YR LANDSCAPED 0.20 0.35 PAVED & ROOFS 0.90 0.95 0.10 1.10 Compound C: $(0.10 \times 0.20) + (1.11 \times 0.90) = 0.842$ 2 YR 1.21 $(0.10 \times 0.35) + (1.11 \times 0.95) = 0.90$ 100 YR

= $\frac{1.8(1.1-0.842)s.r.230}{c.r.1.0}$ = 7.0 MIN 2 YR i = 1.74 do (1.1-0.90) do = 5.5 MIN 100 YR i = 4.80

Tc: (DRCOG) D = 230'; S = 18

6.32 ofs 100 YR 5.06 ₹ 1745 S£ 7.00 x 1.74 x 0.848 x 1.21 5.50 x 4.8 x 0.90 x 1.21 RO NIFFERENTIAL: 2 YR MMPROVAD SITE 745\ UNIMPROVED SITE CALCULATION DIGRESSION: (Page 23, etc., of the interim outline of grading and drainage criteria, City of Grand Junction, July 1992, rational method modification formulae.) Cd2 = 0.842; Cd10 = 0.90; A = 1.21; Tcd = 7.0 min, 5.5 min; i = 1.74 in/hr, 4.8 in/hr; $Qo_1 = Qh \times 0.55 = \frac{1.35}{1.35} \times .55 = \frac{0.743}{0.1}$ $Q_{0111} = 0.40 \times 0.55 = 0.105 0.6$ Used fine for Ango ford vice verse. Will used corrected values as red-lined. Td2 = [633.4x0.842x1.21/(0.105\0.105sq x 7.0/(81.2x0.842x1.21))]sqr $-15.6 = 1370 \text{ sec. } \neq \ 22.8 \text{ min.}$ 46 MIN Tdim = $[2925 \times 0.90 \times 1.21/(0.743 - 0.743 \text{sg x } 5.5/(234 \times 0.90 \times 1.21))] \text{sgr} - 25 =$ = 620 sec. = 10.33 min.(The TdiW calculation mathematically equals zero. The Qo functions result in a negative number which makes the bracketed equation negative of which the square root is zero) $Id_1 = 40.6/22.8+15.6 = 1.06$ $Id_{100} = 117/10.33+25 = 3.31$ $Qd100 = 0.90 \times 1.21 \times 3.31 = 3.6 \text{ cfs}$ V2 = 1577 ft3 K = 18/5.5 = 3.27V100 - 3805 ft) V = 66[3.6x10.33-0.743x10.33-0.743x5.5+3.27x0.743x5.5] $/2+(0.743 \times 5.5) \text{sq}/(2 \times 2.57) = 703.88 \text{ cf}$ STORAGE AREA SW LOT CORNER PLANTING AREA. $34.0' \times 20.0' = 680 \text{ SF } \times 1.0417' = 708 \text{ SF}$ RELEASE OPENINGS: $0.125' \times 1.0'$. $Q = 3.33 \times 0.125 \times 1.0 = 0.417$ cfs 0d = 3.6 cfs.OPENINGS REQUIRED: 3.6/0.417 = 8.6 = 9Deal with one 1.08 mry 1.08 = 3pd

p= 1201 = 21/2" , 18" tall

REVIEW COMMENTS

Page 1 of 3

FILE NO. #70-93

TITLE HEADING: Site Plan Review - ABC Storage

LOCATION:

2546 West Pinyon

PETITIONER:

Louis Wingo

PETITIONER'S ADDRESS/TELEPHONE:

2546 West Pinyon Grand Junction, CO

243-0230

PETITIONER'S REPRESENTATIVE:

Bob Turner

STAFF REPRESENTATIVE: Dave Thornton

NOTE: WRITTEN RESPONSE BY THE PETITIONER TO THE REVIEW COMMENTS IS REQUIRED. A PLANNING CLEARANCE WILL NOT BE ISSUED UNTIL ALL ISSUES HAVE BEEN RESOLVED.

CITY UTILITIES ENGINEER

6/1/93

Bill Cheney

244-1590

No comment.

CITY DEVELOPMENT ENGINEER

6/2/93

Gerald Williams

244-1591

See attached comments.

COMMUNITY DEVELOPMENT DEPARTMENT

6/4/93

David Thornton

244-1447

See attached comments.

STAFF REVIEW

FILE: #70-93 ABC

ABC Storage, 2546 West Pinyon

DATE: June 4, 1993

STAFF: David Thornton

REVIEW COMMENTS

- 1. Please submit a landscaping plan showing exactly what is proposed. The plot plan calls out for the landscaping to be the "same as existing on the site to the east". Please show it.
- 2. The site plan shows approximately 3200 sq. ft. of landscaped area which meets the area required by the Zoning and Development Code. Please be advised the Code states that within this landscaped area the following minimum standards are required:
 - a) A minimum of 1 tree for each increment of 500 sq. ft. or fraction thereof of landscaping.
 - b) A minimum of 40% of the landscaped area shall contain shrubs and within that area a minimum of 75% of the area shall consist of actual plant material.
 - c) An underground, pressurized irrigation system is required for all landscaped areas.

Size of plantings:

- a) Deciduous trees: 1 1/2 inch caliper (measured 1 foot above the ground)
- b) Evergreen trees: 6 feet tall (measured from ground level)
- c) Shrubs: 5-gallon size
- 3. A separate fence permit is require for the perimeter fence.
- 4. Is any additional signage being proposed for this site?
- 3. A Planning Clearance will not issued until all issues have been adequately resolved.

STAFF REVIEW

FILE: #70-93 ABC Storage, 2546 West Pinyon

DATE: June 4, 1993

STAFF: David Thornton

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Review Comments for ABC Storage Units 6/2/93

- 1. Is the 15 foot easement on the south side of the property existing or proposed? What type of easement is it?
- 2. The Grading and Drainage Plan is inadequate. Based upon contours, grades sloping away from the buildings at the south end range as high as from 16 to 33 percent. Grades on the west side (unpaved area) range from 2H:IV to 2.5H:IV, which without special treatment present an erosion problem onto public streets. A drop in elevation occurs along the north property line ranging nearly to 2 feet. In lieu of or in addition to the note about dropping the edge of slab to grade, a detail of the drop (retaining wall or structural turn-down) is required.
- 3. Show design grades at all points of curvature, angle, tangency, grade breaks, swales, high points, and other primary features.
- 4. A drainage report is required, and detention or retention must be provided to prevent an increase in runoff due to development. Show the basins, and delineate the 100-year ponded water surface.
- 5. A copy of City criteria regarding the Grading and Drainage Plan and Drainage Report are attached.

Reviewed by Gerald Williams

UTILITY EASTERBUT

DRAWING STANDARDS CHECKLIST GRADING & STORMWATER MANAGEMENT PLA

ĮΤ	ΞM	GRAPHIC STANDARDS	OK			
	A	Scale: Match the Composite Plan scale				
	В	Drawing size: 24" x 36"				
1	C	Primary features consist only of proposed grading and Stormwater Management Features (1)				
	D	Notation: All non-construction text, and also construction notation for all primary features				
	E	Line weights of existing and proposed (secondary and primary) features per City standards				
1	F	Location: All orimary facilities are fully located horizontally and vertically				
	G	Horizontal control: Subdivisions and all public utilities (final drawings) tied to Section aliquot corners				
Ę	H	Vertical control: Benchmarks on U.S.G.S. catum if public facilities other than SW are proposed				
12		Orientation and north arrow	- 			
SECTION VIII	J	Stamped and sealed drawings by registered professional competent in the work				
三	К	Title block with names, titles, preparation and revision dates				
EC	L	Reference to City Standard Drawings and Specifications				
လ	М	Leaend of symbols used	- 			
	N	List of abbreviations used				
	Р	Multiple sheets provided with overall graphical key and match lines				
	a	Contouring interval and extent				
	R	Neatness and legibility				
		Troutings and regionary				
						
ITE	M	FEATURES	OK			
_	1	Use the Composite Plan as a base drawing or otherwise provide the same information.	1			
	2	Add proposed contouring for cuts, fills, basins, swales, channels, etc.				
2	3	Show retention wails, cut and fill slopes and other significant grading factors.				
Φ	4	Provide a detail of typical lot grading, if any.				
GRADING	5	Indicate minimum finish floor elevations for each lot.				
_	6	Indicate governing elevation/volume for detention/retention basins.				
<u>~</u>		Show or identify limits of surface disturbance due to construction.				
STRMWTR MGMT	8	Location, type, and extent of BMP and erosion control cractices.				
E S	9	dentify areas to be used for storage of building materials, fuels, or wastes.				
ິ	10	cation of any dedicated asphalt or concrete patch clants.				
\vdash	11	Space for approval signature by City Engineering with date and title.				
Ξ	12	If a Storm Drainage Plan and Profile is not necessary (see Note 1 below), then all proposed drainage				
GE		facilities also will be primary features (see C. D. E. & F above).				
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COMMENTS

If storm sewers and manholes are not proposed, then City staif may allow an option to omit the Storm Drainage Plan and Profile, in which case Item 12 must be completed.

REPORT CHECKLIST AND OUTLINE

PRELIMINARY DRAINAGE REPORT

CHECKLIST	OK	N
Typed text		
8½ x 11" format		1
Bound: Use bar or spiral binder or staple. Do not use a notebook.		1
Title Page: Name of report and preparer, date of preparation and revision (if any)		\top
Exhibits: Maximum 11" high and 32" wide, bound in report and folded as required to 8½ x 11" size		
Maps attached to or contained in the report: Vicinity Map and Preliminary Major Basin Drainage Map		

OUTLINE

GENERAL LOCATION AND DESCRIPTION

- A. Site and Major Basin Location
 - 1. Streets in the vicinity
 - 2. Development in the vicinity
- B. Site and Major Basin Description
 - 1. Acreage
 - 2. Ground cover types
 - 3. Hydrologic soil types

II. EXISTING DRAINAGE CONDITIONS

- A. Major Basin
 - 1. General topography, drainage patterns and features, canals, ditches, wetlands
 - 2. Previously determined 100-year floodplains
- B. Site
 - 1. Historic drainage patterns
 - 2. Inflow characteristics from upstream
 - 3. Discharge characteristics to downstream sub-basins

III. PROPOSED DRAINAGE CONDITIONS

- A. Changes in Drainage Patterns
 - 1. Major basin
 - 2. Site
- B. Maintenance Issues
 - 1. Access
 - 2. Ownership and responsibility

IV. DESIGN CRITERIA & APPROACH

- A. General Considerations
 - 1. Previous drainages studies performed for the area
 - 2. Master planning issues (large scale considerations)
 - 3. Constraints imposed by site and other proposed development
- B. Hydrology
 - 1. Design storms and precipitation
 - 2. Runoff calculation method
 - 3. Detention/retention basin design method
 - 4. Parameter selection procedures
 - 5. Analysis and design procedures
 - 6. Justification of proposed methods not presented or referenced in SWMM
- B. Hydraulics
 - 1. Hydraulic calculation methods
 - 2. Parameter selection procedures
 - 3. Analysis and design procedures
 - 4. Justification of proposed methods not presented or referenced in SWMM

COMMENTS

- 1. No calculations are required for the Preliminary Drainage Report.
- It may not be necessary to cover all of the above topics, but the report should address all concerns applicable to the proposed project, even issues not identified above.

REPORT CHECKLIST AND OUTLINE

FINAL DRAINAGE REPORT

		CHECKLIST		OK	1	
Typed Text			İ			
Bound with	Bound with staple, bar binder, spiral binder or other method (not a notebook)					
Size: 81/2 x	11"				Т	
Title Page: a) Name of report and preparer, date of preparation and revision (if any)						
	b) Professional's seal and signature					
Table of Co	Table of Contents: For text and appendices, if any (appendices shall be paged)					
Exhibits: Fo	lded to 8½ x 11" size					
Pre	ned to or contained in the report: eliminary Major Basin Drainage Map nal Major Basin Drainage Map	Pre-development Drainage Map Post-development Drainage Map				

OUTLINE

I to IV. Same as for the Preliminary Drainage Report (see X-15)

V. RESULTS AND CONCLUSIONS

- A. Runoif Rates for 2 and 100 Year Storm (use tabular format)
 - 1. Existing total site runoif rates
 - 2. Existing runoff rates to individual private properties
 - 3. Proposed total site runoff rates (after detention/retention)
 - 4. Proposed runoif rates to individual private properties (after detention/retention)
- B. Overall Compliance
 - 1. Policy
 - 2. Criteria
 - 3. Constraints

VI. REFERENCES

VII. APPENDICES

- A. Existing Runoff (2 and 100 year)
 - 1. Precipitation (if different than shown in SWMM)
 - 2. Runoff coefficients
 - Times of concentration or lag times
 - 4. Intensities or other parameters
 - 5. Runoif calculations (individual sub-basins and combined at all design points)
 - 6. Tabular summary of runoff rates
- B. Proposed Runoff (2 and 100 year)
 - 1. Precipitation (if different than shown in SWMM)
 - 2. Runoff coefficients
 - 3. Times of concentration or lag times
 - 4. Intensities or other parameters
 - 5. Runoff calculations (individual sub-basins and combined at all design points)
 - 6. Tabular summary of runoff rates
- C. Detention Basin Calculations (2 and 100 year)
 - 1. If Rational & Modified Rational methods are used
 - a. Average release rate
 - b. Critical durations and intensities
 - c. Volume required
 - d. Volume available
 - e. Storage depth discharge
 - f. Lower stage outlet
 - g. Upper stage outlet
 - h. Erosion protection
 - 2. If Computer or other method of analysis is used
 - a. Provide discharge parameters
 - b. Provide basin parameters
 - c. Provide inflow/outflow information
 - d. Erosion protection

(continu

REPORT CHECKLIST AND OUTLINE

FINAL DRAINAGE REPORT (continued)

OUTLINE

- D. Retention Basin Calculations (100 year)
 - 1. Basin Feasibility
 - a. Groundwater depths
 - b. Soil percolation results
 - c. Letter from Geotechnical Engr.
 - 2. If Rational Method is used
 - a. Volume to be retained
 - b. Volume available
 - 3. If computer or other analysis is used
 - a. Provide basin parameters
 - b. Provide inflow information
- E. Street Flow
 - 1. Rate
 - 2. Depth and velocity
- F. Inlets
 - 1. Rate
 - 2. Interception
 - 3. Bypass and to where
- G. Storm Drains
 - 1. Rate
 - 2. Size and "n" value
 - 3. Capacity
 - 4. Hydraulic gradient (if pipe is surcharged or if frictional slope is greater than the pipe slope)
- H. Open Channel Flow
 - 1. Channel geometrics
 - 2. "n" values and velocities
 - 3. Erosion protection
 - 4. Freeboard
- l. Culverts
 - Completed HDS-5 nomographs
- J. Miscellaneous Hydraulic calculations

COMMENTS

1. It may not be necessary to cover all of the above topics, but the report should address all concerns applicable to the proposed project, even issues not identified above.

Review Comments on ABC Storage Units 6/21/93

- A. Reference is first made to previous review comments dated 6/2/93, a copy of which is attached. These were not adequately addressed. The following numbered items correspond to previous comments having the same number.
 - 1. The easement has since been identified as existing, but the type was not identified. If the easement is for utilities, then we will send plans to utility companies for their review. They may have concerns about trees proposed in the easement (particularly if a waterline is or may potentially be located there), or about potential excavation and reduction of cover over existing facilities, if any, that may be proposed with a detention or retention basin.
 - 2&3. The Grading and Drainage Plan is still inadequate. Grades are provided on a grid, some of which lines are not located. Grading north and south of buildings is ambiguous, as is the area between Building 4 and Crete Circle. Proposed contours or cross-sections are needed for grading of the landscaped/detention area. On the revised plan, there are areas of pavement that would have slopes as high as 14% from building floor to paved invert.
 - 4. A detention or retention basin was not shown on the plan - runoff would be allowed to flow directly off-site, contrary to our previous comment. Drainage calculations were provided, but:
 - i) City criteria precludes having an increase in peak runoff, and is not based upon retaining the difference in runoff volume, which is the approach of the drainage calculations (which procedure normally provides no protection in design storms, because the volume difference is filled prior to the arrival of the developed peak, and therefore the developed peak runoff is not mitigated);
 - ii) The calculations provided are based upon the concept that the critical storm duration is equal to the time of concentration, which is not necessarily and usually is not the case.

Standard Modified Rational Methods indicate that various storm durations must be analyzed to determine the

critical duration, although with the City procedure, the equation provides the critical duration directly.

The inappropriateness of procedures used is apparent from the calculation results themselves: they indicate that if a site is covered with roof and concrete, runoff volume in the 100 year event is <u>less</u> than when the site remained undeveloped!

- 5. City criteria for the Grading and Drainage Plan and the Drainage Report were attached, but not followed.
- B. Drainage calculations must conform to the City Grading and Drainage manual.

Reviewed by Gerald Williams, Development Engineer

Review Comments for ABC Storage Units 6/2/93

- 1. Is the 15 foot easement on the south side of the property existing or proposed? What type of easement is it?
- 2. The Grading and Drainage Plan is inadequate. Based upon contours, grades sloping away from the buildings at the south end range as high as from 16 to 33 percent. Grades on the west side (unpaved area) range from 2H:1V to 2.5H:1V, which without special treatment present an erosion problem onto public streets. A drop in elevation occurs along the north property line ranging nearly to 2 feet. In lieu of or in addition to the note about dropping the edge of slab to grade, a detail of the drop (retaining wall or structural turn-down) is required.
- 3. Show design grades at all points of curvature, angle, tangency, grade breaks, swales, high points, and other primary features.
- 4. A drainage report is required, and detention or retention must be provided to prevent an increase in runoff due to development. Show the basins, and delineate the 100-year ponded water surface.
- 5. A copy of City criteria regarding the Grading and Drainage Plan and Drainage Report are attached.

Reviewed by Gerald Williams

File # 70-93

ABC Storage

2546 W. Pinyon

2945-102-161-005

018

Bob Turner - petitioner

August 13, 2003

Grand Junction Community Development Department City of Grand Junction 250 North 5th Street Grand Junction, CO 81501-2660

RE: 25-1/2 Road Improvements

Dear Sir:

My family trust is the owner of ABC Storage located at 2546 W. Pinyon Ave. Our property abuts 25-1/2 Road. When we obtained our building permit for that storage facility we were required to either install road improvements on 25-1/2 Road adjacent to our property or pay the cost of such improvements. We chose the latter. Enclosed with this letter is a copy of the Community Development Department's letter of August 5, 1992, acknowledging receipt of our payment of \$10,324.80 and explaining the purpose of the fee.

Last month I received notice via the 25-1/2 Road Improvement Newsletter that improvements to that street will now be undertaken, not at the expense of the abutting property owners, but from the City's general funds for capital improvements. We are pleased to learn that the street will be improved at this time, but we have not been informed as to whether we are to receive a return of our advance payment. Should the matter be undecided, we would point out the inequity that would result from the City's collection of a pro-rata share of the costs from some but not all abutting owners who benefit from the improvements. We trust we will be treated fairly.

Sincerely, Saving &

Louis Wingo

2546 W. Pinyon Ave.

Grand Junction, CO 81505-6913

Encl: 8/6/92 letter of Claudia Hazelhurst

#.70-93

City of Grand Junction

Community Development Department
Planning ■ Zoning ■ Code Enforcement
250 North 5th Street
Grand Junction, CO 81501-2668

Phone: (970) 244-1430 FAX: (970) 256-4031

1945 -102-16-029

August 26, 2003

Louis Wingo 2546 W. Pinyon Avenue Grand Junction, CO 81505-6913

RE: 25 ½ Road Improvements

Dear Mr. Wingo:

This is in response to your letter of August 13, 2003, regarding payment for 25 ½ Road Improvements. In your letter you request the City refund your payment of \$10,324.80 for half street improvements. Your letter also indicates the enclosure being an "8/6/92 letter of Claudia Hazelhurst". The enclosure with our letter is an August 23, 1991 signed by me. I'm assuming the letter you reference does not have substantially different information.

The requirement for the half street improvement payment was the Code requirement at the time of your development, and is, in fact, the current Code requirement. Those types of payments go into a fund to pay for future street projects. The City uses those funds, as well as other funding, for projects like 25 ½ Road. We do not refund the money. It was a part of the cost to develop your property in 1991.

If you have other questions, please call me at 244-1446.

Sincerely,

Katherine M. Portner

Planning Manager

xc: Mike Curtis, Project Engineer Mike McDill, City Engineer

Hum M. Portun

NE Car SE 1/4 NW 1/4 Sec 10, found Mesa County Brass Cap

North 1/4 Cor Sec. 10, found Mesa County Brass Cap

1002 Ac 10 2-+1.06 Ac. 568 3 567° 5671 230.00° N 89*55.22°E H 212 25' --566 BLOCK 5638 212.25 N 89*5522 E 1562 5612 561 15 2526 2 1011 Ac 2534 - - - 2546 . 5 Ac 2540 1/1/1/p. 123752 - A

N 89° 54' 25' E 1316. 21

PREPARED BY COLORADO WEST SURVEYING COMPANY

WEST PINYON AVENUE

POINT OF BEGINING~

S 89°55'22"W 1317.43'

RADIUS LENGTH TANGENT CHORD (A) 89° 54° 25° 20.00° 31.38 19.97° 28.26° (B) 90° 05' 35° 20.00° 31.45° 20.03° 28.31°

28745

SVACATED HERON

sewers accepted 6-9-80 ley P. Rish

MINERVA PARK

SITUATED IN THE NW 1/4 OF SECTION 10, T. I S. R. I W., UTE MERIDIAN, MESA COUNTY, COLORADO

DEDICATION

KNOW ALL MEN BY THESE PRESENTS

NW1/4 said Section 10; thence 5.89°55'22' W. 1317.43 feet to the NW corner of the SE I/4 NW1/4 said Section 10; thence 5.0°04' 42' E, 891.25 feet; thence N.89°54'25' E, 1316.21 feet to a point on the East line of the SE I/4 NW1/4 said Section 10, and the point of beginning

irrigation facilities, including but not limited to, transmissions lines, electric lines, ass lines, telephone lines. Together with the right to trim Said easement and rights shall be utilized in a reasonable and prudent manner.

STATE OF COLORADO

COUNTY OF MESA

The foregoing instrument was acknowledged before me this 13 day of Chichte AD 1977 by Andrew Pergulis

COUNTY PLANNING COMMISSION CERTIFICATE

County Planning Commission of the County of Mesa, Colorado

BOARD OF COUNTY COMMISSIONERS CERTIFICATE

By Simerank I planed

VACATION STATEMENT

Oue to the convenience and access needs of the public being adequately served by the protring of raid and public rights of way, the vacation of fractional parts previously dedicated/reserved public rights of way not writin public rights of way indicated by this plot are hereby archived.

Approved this 3/ day of Cat 40 1977

SURVEYOR'S CERTIFICATE

prepared under my supervision and accurately represents a survey

Date 10-17-77

CLERK AND RECORDERS CERTIFICATE

STATE OF COLORADO)

i neway certify that this instrument was filed in my office at 2130.

October D. M., This 30 day of Neusanber AD, 1977

October D. M., This 30 day of Neusanber AD, 1977

October D. M., This 30 day of Neusanber AD, 1977

Reception tog 1147621

Earl Dayner

Fee: \$ 10.00