	Table of Contents									
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P	S	A few items are denoted with an asterisk (*), which means they are to be scanned for permanent record on the								
г е	c a	ISYS retrieval system. In some instances, not all entries designated to be scanned, are present in the file. There								
s	n	are also documents specific to certain files, not found on the standard list. For this reason, a checklist has been included.								
e n	n e	Remaining items, (not selected for scanning), will be marked present on the checklist. This index can serve as a								
t	d	d quick guide for the contents of each file.								
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		Receipts for fees paid for anything								
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X	X	*General project report								
x	x	Reduced copy of final plans or drawings Reduction of assessor's map								
	<u></u>	Evidence of title, deeds								
X	X	*Mailing list								
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X		Legal description Appraisal of raw land								
		Reduction of any maps – final copy								
X	X	*Final reports for drainage and soils (geotechnical reports)								
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		*Summary sheet of final conditions *Letters and correspondence dated after the date of final approval (pertaining to change in conditions or								
		expiration date)								
		DOCUMENTS SPECIFIC TO THIS DEVELOPMENT FILE:								
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$\frac{X}{X}$		Irrevocable Letter of Credit – 11/10/95 - ** Deed of Trust – 11/9/95 - **								
X	v	Recording of Plats – signatures & dates								
X	XX	Status of North Mall Subdivision – 10/18/95 Letter from Mark Hermundstad to Dan Wilson – 7/26/95 - **								
X	X									
$\frac{X}{X}$	X X	Letter from Kathy Portner from Richard Scariano - 7/21/95 Letter from James Langford to Kathy Portner - 4/7/95								
X		Posting of Public Notice Signs								
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X	X X	City Council Minutes - ** - 4/19/95 North Mall – Presentation to City Council on Appeal – 4/20/95								
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DEVELOPMENT APPLICATION Community Development Department 250 North 5th Street Grand Junction, CO 81501 (303) 244-1430

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Receipt Date	_
Rec'd By	-

File No.

We, the undersigned, being the owners of property situated in Mesa County, State of Colorado, as described herein co hereby petition this:

PETITION	PHASE	SIZE	LOCATION	ZONE		LAND USE
N Subdivision Plat/Plan	[] Minor [] Major X Resub	6.5acres	SW1/4 Sec.4 Township 1S Range 1W of Ute Meridian	н.о.		Vacant
[] Rezone				From:	To:	
[] Planned Development	[] ODP [] Prelim [] Final					
[] Conditional Use						
[] Zone of Annex				:	····	
[] Text Amendment						
[] Special Use			}		<u></u>	
[] Vacation				· · · ·		[] Rignt-of-Way [] Easement
[] PROPERTY OW	NER	[] D	EVELOPER		[] RE	EPRESENTATIVE
Gertrude Fis	her Smith	Richar	d Scariano		ompson-	-Langford Corp.
				Name.		
667 25 Road			ndependence A			Road, Ste.B210
Address		Address		Addre:		
	ion, CO 81505					Junction, CO 81505
City/State/Zip		City/State/Zip	l	City/S	tate/Zp	
(303) 242-	4709	(303)	245-7571		(303) 2	243-6067

Business Phone No.

. Business Phone No.

NOTE: Legal property owner is owner of record on date of submittal.

We hereoy acknowledge that we have familiarized ourselves with the rules and regulations with respect to the preparation of this submittal, that the foregoing information is true and complete to the best of our knowledge, and that we assume the responsibility to monitor the status of the application and the review comments. We recognize that we or our representative(s) must be present at all hearings. In the event that the petitioner is no represented, the item will be dropped from the agenda, and an additional fee charged to cover rescheduling expenses before it can again be placed on the agenda.

Eusiness Phone No.

Marde 1, 1995
Date
March 16,1995
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---- Additional Sheers if Necessary

Minor Subdivision General Project Report

North Mall Subdivision a Resubdivision of Lot 2 FISHER SUBDIVISION

February 1995

Prepared for:

Richard Scariano Omega Realty 1048 Independence Ave., Suite A-201 Grand Junction, CO 81505

Prepared by:

THOMPSON-LANGFORD ©ORPORATION 529 251/2 RD., SUITE B-210 Grand Junction, CO 81505 PH. 243-6067

Job. No. 0183-011

NORTH MALL SUBDIVISION

A. Project Description:

1. Location:

Fisher Subdivision is located in the South 1/2 Southwest 1/4, Section 4, Township 1 South, Range 1 West of the Ute Meridian. In more local terms, it is located north of and immediately adjacent to F Road as it swings around the north side of the Mall.

2. Acreage: Lot 2 of Fisher Sub. = 6.50 Acres

3. Proposed Use: Within this developing major commercial corridor, the applicant is proposing to subdivide the 6.50 acres of Lot 2 into 5 smaller commercial sites; a density recommended by City ? Planning.

B. Public Benefit:

Lot 2 of Fisher Subdivision, having been platted in February of 1979, has set vacant for over 16 years. Even during the "boom" years of oil shale development, this site did not sell whereas the other sites on either side of this singularly large lot did sell. Because there is apparently no market for a lot of this size in this area, the owner feels the only way to fill out this existing development is to create parcel sizes that fit the market.

The Present owner is in her mid 70's and has not been able to sell this as a larger parcel. The smaller parcel size will allow a sale at reasonable market value within her lifetime.

The public benefit in seeing this proposal approved is that existing public facilities (roads, water and sewer) will be more fully utilized. The area will be benefited by a further concentration of retail and service businesses in a pre-planned commercial area.

C. Project Compliance, Compatibility, and Impact:

1. Adopted plans and/or policies: Lot 2 of Fisher Subdivision is a part of an approved commercial subdivision. "In-fill" is an oft stated priority in the developed areas in and around Grand Junction.

2. Land use in the surrounding area: The lots on either side of Lot 2 are already developed into commercial uses. Directly across F Road is the Mall.

3. Site access and traffic patterns: The site, bordering on F Road has excellent access. Traffic in the area usually comes from the downtown area heading west to the main entrance to the Mall. Unlike the Mall, vehicles wanting to enter these sites will not have to wait for oncoming traffic to pass before making their turn. We do not anticipate that the right turn movements into these lots from the normally slower moving right lane will cause any traffic problems.

To serve the five lots we are requesting three entrances as depicted on the attached site plan. This does not seem excessive in that the two commercial tracts to the west share three entrances, whereas the car wash to the east has two The three entrances we are requesting, alone. similar in configuration with the example site plan shown in the Landscape Guidelines for Development in Grand Junction (see attached drawing) will be connected internally by a common access easement much as is depicted on this City exhibit. Each lot will be required to sign an access agreement to ensure a right for traffic flow between accesses. The westerly most access has been aligned directly across from the main entrance to the Mall as suggested by Tom Dixon of City Planning.

4. Availability of utilities:

a) Water: Eight inch potable water lines have been extended to each end of the site terminating at fire hydrants; one at the Sears repair center, and one at the car wash. No line exists along the frontage of this site. To develop this site, the 8-inch main will have to be extended along the project frontage. Extension of this line may be part of the City of Grand Junction's fire upgrade plan. If so, the developer will participate with the City and Ute Water to extend this line. If not, the developer will extend this line at his own expense. Fire hydrants will be placed on this extension at intervals not exceeding 300 feet.

3

b) Sewer: An 8-inch sewer presently exists near the southwest corner of this site. The developer is proposing to extend a line from an existing manhole on the Sears site to the east as shown on the plans accompanying this submittal.

c) Power: Public Service Company has 3-phase power transformers at each end of the project and would connect between them to serve these five lots.

d) Gas: A 4-inch gas main runs along the north side of F Road/Patterson Road in front of the site.

e) Telephone: Telephone service lines run along the south right-of-way line of F Road/Patterson Road. The line has been extended across the road west of the site to serve the Sears repair center. Adequate facilities also exist in 24 1/2 Road and can be brought in along the back property line of this development.

f) Drainage: The owner wished to make payment of the drainage fee in lieu of providing onsite detention. A drainage report, prepared in accordance with the SIDD Manual, has been included as part of this submittal.

5. Special or unusual demands on utilities: Each of the respective utilities were contacted and made aware of our plans. None expressed any concern about our proposed land use.

6. Effects on public facilities: Being an infill parcel within a recognized commercial developing area, public facilities will be more efficiently utilized by completing the development of this area.

7. Site Soils and geology: According to the Soil Survey, Grand Junction Area, Colorado, prepared by the Soil Conservation Service as Series 1940, No. 19, Issued November 1955. The dominant soils type found on the westerly half of the property is Billings silty clay loam, 0 to 2 percent slopes (Bc). It is probably the most common soil found in the Grand Valley area, commonly referred to as adobe.

The easterly half of the project is said to be dominated by the Ravola very fine sandy loam, 0 to

4

2 percent slopes (Rf). This is very similar to the Billings loam, but has sand from decomposed sandstone blended into the matrix.

8. Impact of project on site geology and geological hazards: No geological hazards have been identified on this site.

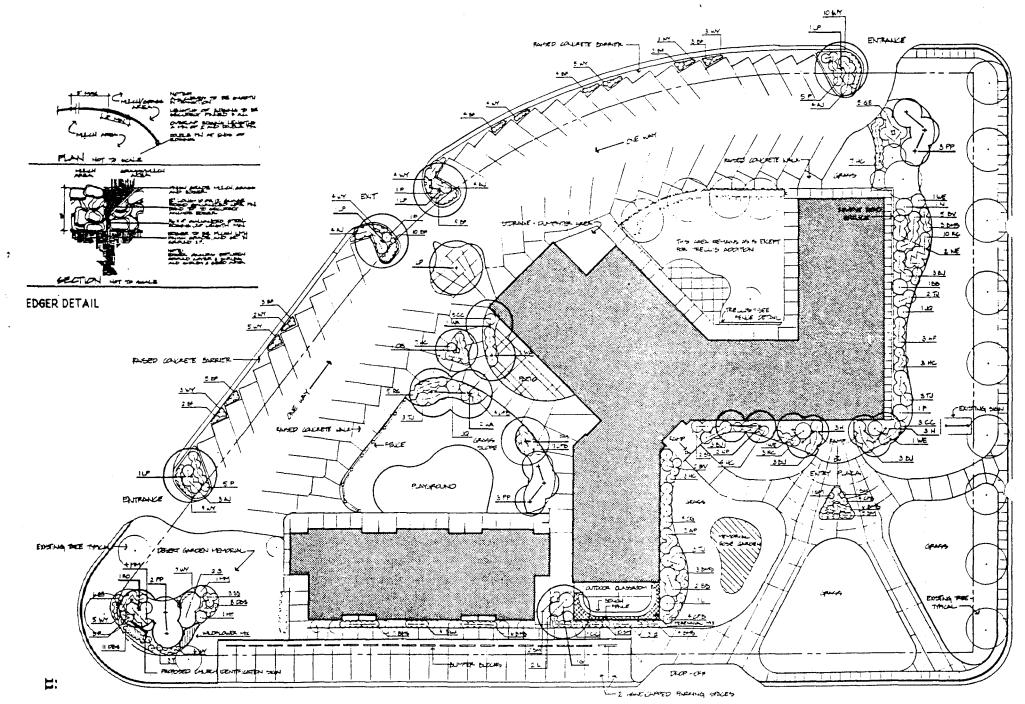
9. Hours of operation: The commercial enterprises planned for this area are anticipated to be similar to that of the surrounding businesses; the Mall, Sears Repair Center, the car wash etc. This should span the hours from 8:00 in the morning to 10:00 in the evening.

10. Signage plans: Since it is unknown at this time just what businesses will locate here, we cannot give you signage plans. Signage will conform to the current standards of the City of Grand Junction.

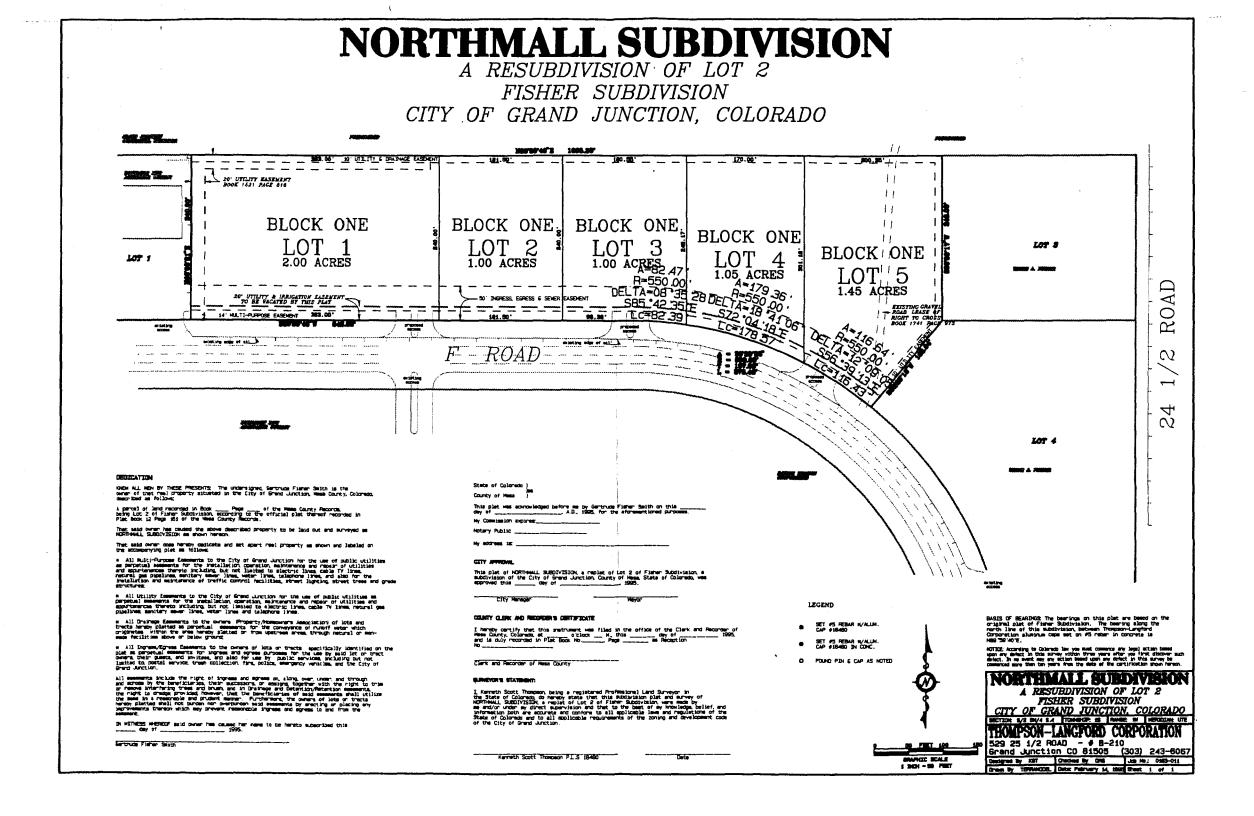
D. Development Schedule and Phasing:

Installation of the utilities needed to service Lot 1 will be scheduled for construction upon approval of the final plat. Installation of the utilities needed to service additional lots will be scheduled for construction as required by the sales of said lots.

which you opposed



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Final Drainage Report

North Mall Subdivision a Resubdivision of Lot 2 FISHER SUBDIVISION

:

s,

February 23, 1995

Prepared for:

Richard Scariano Omega Realty 1048 Independence Ave., Suite A-201 Grand Junction, CO 81505

Prepared by:

THOMPSON-LANGFORD ©ORPORATION 529 251/2 RD., SUITE B-210 Grand Junction, CO 81505 PH. 243-6067

Job No. 0183-011

Engineer's Certification

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I hereby certify that this report was prepared by me or under my direct supervision for the Owner's hereof.

Ę añ amo James E. Langford, PE & LS Reg. No. 14847

Introduction

I. GENERAL LOCATION AND DESCRIPTION:

A. Site and Major Basin Location:

Lot 2 of Fisher Subdivision is located in the jSouth 1/2 of the Southwest 1/4 of Section 4, Township 1 South, Range 1 West of the Ute Meridian. In more local terms, it is located north of and immediately adjacent to F Road as it swings around the north side of the Mall.

B. Site and Major Basin Description:

The major drainage basin extends from the site just north of Mesa Mall to I-70 on the North and 24 1/2 Road to the east. Ranchmans Ditch along F Road borders the basin on the south where Leech Creek adjacent to 24 Road borders the basin on the west. The basin gently slopes to the southwest at between 0 and 2 percent.

II. EXISTING DRAINAGE CONDITIONS:

A. Major Basin:

The major basin drains to the southwest over terrain sloping at less than 2 percent. The north half of the basin has been successfully farmed, but the lower half, even though it is much closer to Ranchmans Ditch and Leech Creek is evidently so flat and poorly drained that attempts at farming have been largely unsuccessful.

B. Site:

- - -

The site, like the major basin, drains to the south and west. The site has been recently irrigated as farm land. The site has been graded such that the waste water from irrigation left the site at its' northwest corner and traveled west in a graded ditch to Leech Creek.

III PROPOSED DRAINAGE CONDITIONS:

The applicant does not wish to encumber the sites with individual on-site detention or retention ponds, but instead would like to pay the drainage fee in lieu of making these improvements. It is proposed that each site directly flow their respective stormwater flows to the swale adjacent to F Road/Patterson Road where these combined flows will be carried west to Leech Creek.

A. Changes in Drainage Patterns:

We do not anticipate any changes in the present drainage patterns. Stormwater flows will still be directed from the sites towards the west and Leech Creek. The quantity of flow will be increased because the use of the land will change from cultivated farmland to the impervious surfaces indicative of pave parking lots and building roof tops.

B. Maintenance Issues:

The on-site collection facilities will be the responsibility of the individual site owners.

IV DESIGN CRITERIA AND APPROACH:

A. GENERAL CONSIDERATIONS:

Fisher Subdivision was originaly platted in 1979 in Mesa County. City Planning could not find any of the old platting files on the project so it could not be determined whether or not any drainage reports had been prepared for the initial platting effort. Field conditions would indicate that no drainage improvements were installed during the initial platting effort. There is a roadside swale running west along the north side of F Road/Patterson Road heading towards Leech Creek. This appears to be the outfall for the Sears site and the small commercial complex immediately west of Sears.

Constraints to drainage design and implementation for this area center primarily around the natural conditions found throughout the major basin and the fact that the area has developed without a collective drainage plan. Natural conditions such as the tight adobe soils, high water table and the extremely flat slopes have historically made the area difficult to drain.

B. Hydrology:

Stormwater runoff for the 100-year event was quantified using the Rational Method as detailed in Section VI "Hydrology" of the City of Grand Junction's Stormwater Management Manual dated June 1994.

The City of Grand Junction requires that 10% of the lot area be landscaped, and if the parking lot will have over 15 spaces, an additional 5% of the parking area must be landscaped. Based on the assumption that 60% of the impervious area will be parking, this would equate to 3% of the lot area. For the purposes of this report, we have developed our composite "C" value assuming that 13% of the lot area is to be landscaped.

Historic Landuse area draining to Leech Creek:

Cultivated farmland 6.50 Ac. C=0.28

Developed Landuse area draining to Leech Creek:

Buildings/Parking	5.65 Ac. C=0.95
Landscape requirement	0.85 Ac. C=0.34
Total:	6.5 AC.

Rational "C" Values:

-

Values were taken from Appendix "B" of the SWMM. The SCS Billings soil group found in this area is normally classified as being in hydrologic soil group "C". Given the nearly flat existing ground conditions, the high clay content of the site soils, and the high groundwater table, I have taken the hydrologic soil group to be "D".

Composite Developed Condition "C" Value:

5.65 @ 0.95 = 5.370.85 @ 0.34 = 0.29Total 5.66 Composite = 5.66/6.5 = 0.87

Historic Runoff to Leech Creek: $Q_h = C_{100d} * I_{100d} * A$ = 0.28 * 3.43 * 6.50 = 6.24 cfs

Developed Runoff to Leech Creek: $Q_h = C_{100d} * I_{100d} * A$ = 0.87 * 4.95 * 6.50 = 28.00 cfs

Payment in Lieu:

Payment = $$10,000(C_{100d} - C_{100h})A^{0.7}$

Payment = $$10,000(0.87 - 0.28)6.50^{0.7}$

= <u>\$21,872.14</u>

The applicant proposes that the above fee be divided proportionally on a lot square footage basis, to be paid at

the time each respective lot owner applies for a building clearance.

Lot	1	2.00 Ac	c. \$6,729.89
Lot	2	1.00 Ac	c. \$3,364.94
Lot	3	1.00 Ac	c. \$3,364.94
Lot	4	1.05 Ac	c. \$3,533.19
Lot	5	1.45 Ac	c. \$4,879.18

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References

"STORMWATER MANAGEMENT MANUAL (SWMM)", City of Grand Junction, June 1994

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"MESA COUNTY STORM DRAINAGE CRITERIA MANUAL", Mesa County, Colorado, Final Draft March 1992.

	INTENSITY-		E "A-1" FREQUENCY	(IDF) TABLI	
Time (min)	2-Year Intensity (in/hr)	100-Year Intensity (in/hr)	Time (min)	2-Year Intensity (in/hr)	100-Year Intensity (in/hr)
5	1.95	4.95	1.0.0.33	0.83	2.15
6	1.83	4.65 Dev	34	0.82	2.12
7	1.74	4.40	35	0.81	2.09
8	1.66	4.19	36	0.80	2.06
9	1.59	3.99	37	0.79	2.03
10	1.52	3.80	38	0.78	2.00
11	1.46	3.66	>39	0.77	1.97
12	1.41	3.54 Hist	pric 40	0.76	1.94
13	1.36	3.43	41	0.75	1.91
14	1.32	3.33	42	0.74	1.88
15	1.28	3.24	43	0.73	1.85
16	1.24	3.15	44	0.72	1.82
17	1.21	3.07	45	0.71	1.79
18	1.17	2.99	46	0.70	1.76
19 -	1.14	2.91	47	0.69	1.73
20	1.11	2.84	48	0.68	1.70
21	1.08	2.77	49	0.67	1.67
22	1.05	2.70	50	0.66	1.64
23	1.02	2.63	51	0.65	1.61
24	1.00	2.57	52	0.64	1.59
25	0.98	2.51	53	0.63	1.57
26	0.96	2.46	54	0.62	1.55
27	0.94	2.41	55	0.61	1.53
28	0.92	2.36	56	0.60	1.51
29	0.90	2.31	57	0.59	1.49
30	0.88	2.27	58	0.58	1.47
31	0.86	2.23	59	0.57	1.45
32	0.84	2.19	60	0.56	1.43

A-2

JUNE 1994

JOB NO	CALCULATED BY:	DATE:
	CHECKED BY:	DATE:
(THE TABLE BELOW) D IN SUBBASIN TO CALCU U	S AN ADAPTATION OF A WORKSHEET PROVI ILATION, OR FOR TRAVEL TIME OF SUBBASIN SE ONLY CHANNEL FLOW FOR TR CALCULATI	IDED IN THE SCS TR-55) RUNOFF THROUGH A LOWER SUBBASIN REACH (Tr). IONS.
	Historia	Levelord
REACH		
BLE 'E-1')	Conv. T.IHR	Asil Marc.
	0.09	0.05
300 FT.) (ft.)	300	300
(ft./ft.)	0.9%	0.9%
D(2.12) (min.)	1.06 min 0.50(1.53)	0.66 min
39(2,12) (min.)	0.64 min 0.30(1.33)	
SURE 'E-3')		
(ft.)	,/0/	A/
(ft./ft.)	/////	
E 'E-3') (fps.)		
(min.)		
REA, a (ft. ²)	d=1.5	
(ft.)	Harstads"	
'Pw (ft.)	/	4
(ft./ft.)	0.9%	0.9%
n (APPENDIX F)	0.10	0,028
(fps.)	1.17fps	4.20 frs
(fps.)	h/a	r./a
(ft.)	900'	900'
(min.)	12.8 nim	3.6 mm
2 YEAR (min.)		
100 YEAR (min.)	Z=13.4 min	z= 4.0 / Use min 5 min
2 YEAR (min.)		5
100 YEAR (min.)		
10		TRAVEL TIME WORKSHEET: TR-55 METHOD

•

Trapezoidal Channel Analysis & Design Open Channel - Uniform flow

Worksheet Name: 0183-011h

Comment: Roadside swale runoff velocity (historic)

Solve For Discharge

Given Input Data:

ه است

Sottom Width	1.00 ft
Left Side Slope	1.50:1 (H:V)
Right Side Slope.	1.50:1 (H:V)
Manning's n	0.100
Channel Slope	0.0090 ft/ft
Depth	1.50 ft

Computed Results:

.

Discharge	5.73 cfs
Velocity	1.17 fps
Flow Area	4.88 sf
Flow Top Width	5.50 ft
Wetted Perimeter.	6.41 řt
Critical Depth	0.71 ft
Critical Slope	0.2228 ft/ft
Froude Number	0.22 (flow is Subcritical)

Open Channel Flow Module, Version 3.42 (c) 1991 Haestad Methods, Inc. * 37 Brookside Rd * Waterbury, Ct 06708

.

Trapezoidal Channel Analysis & Design Open Channel - Uniform flow

Worksheet Name: 0183-011d

Comment: Roadside swale runoff velocity (developed)

Solve For Discharge

Given Input Data:

به است

Bottom Width	1.00 ft
Left Side Slope	1.50:1 (H:V)
Right Side Slope.	1.50:1 (H:V)
Manning's n	0.028
Channel Slope	0.0090 ft/ft
Depth	1.50 ft

Computed Results:

.

Discharge	20.45 cfs
Velocity	4.20 fps
Flow Area	4.88 sf
Flow Top Width	5.50 ft
Wetted Perimeter.	6.41 ft
Critical Depth	1.34 ft
Critical Slope	0.0150 ft/ft
Froude Number	0.79 (flow is Subcritical)

Open Channel Flow Module, Version 3.42 (c) 1991 Haestad Methods, Inc. * 37 Brookside Rd * Waterbury, Ct 06708

REPRODUCED FROM TABLE 2, LECTURE 2, DAY 2, ACOE 1990

SURFACE	N VALUE	SOURCE	
ASPHALT/CONCRETE	0.05-0.15	Developed Use D. OPB Histor	
BARE PACKED SOIL FREE OF STONE	0.10	e e	
FALLOW - NO RESIDUE	0.008 - 0.012	1 AVB 1/	
CONVENTIONAL TILLAGE - NO RESIDUE	0.06 - 0.12	Use D. U B Mistori	Ľ
CONVENTIONAL TILLAGE - WITH RESIDUE	0,16-0.22	в	
CHISEL PLOW - NO RESIDUE	0.06 - 0.12	В	
CHISEL PLOW - WITH RESIDUE	0.10 - 0.16	В	
FALL DISKING - WITH RESIDUE	0.30 - 0.50	В	
NO TILL - NO RESIDUE	0.04 - 0.10	В	
NO TILL (20-40 PERCENT RESIDUE COVER)	0.07 - 0.17	в	
NO TILL (60-100 PERCENT RESIDUE COVER)	0.17 - 0.47	В	
SPARSE RANGELAND WITH DEBRIS:			
O PERCENT COVER	0.09 - 0.34	В	
20 PERCENT COVER	0.05 - 0.25	В	
SPARSE VEGETATION	0.053 - 0.13	F	
SHORT GRASS PRAIRIE	0.10 - 0.20	F	
POOR GRASS COVER ON MODERATELY	0.30	С	
ROUGH BARE SURFACE			
LIGHT TURF	0.20	A	
AVERAGE GRASS COVER	0.4	с	
DENSE TURF	0.17 - 0.80	A.C.E.F	
DENSE GRASS	0.17 - 0.30	D	
BERMUDA GRASS	0.30 - 0.48	D	
DENSE SHRUBBERY AND FOREST LITTER	0.4	A	

A) CRAWFORD AND LINSLEY (1966).
B) ENGMAN (1986).
C) HATHAWAY (1945).
D) PALMER (1946).
E) RAGAN AND DURU (1972).
F) WOOLHISER (1975).

- ·

"N" values provided in this table pertain to both the SCS TR-55 "To" and FHWA 1984 HEC-12 "To" methods

OVERLAND FLOW RESISTANCE FACTOR (N)

TABLE "E-1"

n -

NOTE: THIS IS A REPRODUCTION OF TABLE I, APPENDIX A, "DESIGN CHARTS FOR OPEN CHANNEL FLOW", (HDS #3)

1. 4	Closed conduits:	Manning's n range *		thway cha (values sh Depth of
	A. Concrete pipe		л.	i. Bermu a. Mov
•	1. 235 by 14-in. corrugation (riveted pipe): 1			b. Len
	a. Plain or fully coated. b. Paved invert (range values are for 25 and 50 percent	0. 024		2. Good s a. Len
	of circumference paved):			b, Len
	(2) Flow 0.8 depth	0.021-0.018		3. Fair st s. Len
	(3) Flow 0.6 depth	0.019-0.013	n	b. Len
	C. Vitrified clay pipe	0.012-0.014	В.	Depth of 1. Bermu
	of circumference paved): (1) Flow full depth	0.013		a. Mo b. Len
	F. Brick	0.014-0.017		2. Good :
	 Monolithic concrete: 1. Wood forms, rough	0.015-0.017		a. Len b. Len
	2. Wood forms, smooth	0.012-0.014		3. Fair st
	2. Wood forms, smooth 3. Steel forms. H. Cemented rubble masoury walls:	0.012-0.013		a. Ler b. Ler
	1. Concrete floor and top 2. Natural floor L. Laminated treated wood	0.017-0.022	V. Str	eet and e
	I. Laminated treated wood	0.015-0.017	۸.	Concrete
	I. Vitrified clay liner plates	0.015	в.	Asphalt 1. Smoot
	O have to the distant of all parameters		~	2. Rough
п.	Open channels, lined * (straight allnement); * A. Concrete, with surfaces as indicated:		C.	Concrete 1. Smoot
	 A. Concrete, with surfaces as indicated: 1. Formed, no finish. 2. Trowel finish. 2. Discrete finish. 	0.013-0.017	D	2. Rough
	 Float finish. Float finish. Float finish, some gravel on bottom. Ounite, good section. Ounite, wavy section. Concrete, bottom float finished, sides as indicated: 	0.013-0.015	D.	Concrete 1. Float
	4. Float finish, some gravel on bottom	0.015-0.017	v	2. Broon For gutt
	6. Gunite, wavy section	0.018-0.022	£4.	mulate
	B. Concrete, bottom float finished, sides as indicated:	0 015-0 017	VI N	tural stre
	1. Dressed stone in mortar	0.017-0.020		Minor st
	 Cement rubble masonry. Cement rubble masonry, plastered. 	0.020-0.025		ft.): 1. Fairly
	Cement rubble masonry Cement rubble masonry, plastered. Cement rubble masonry, clastered. Cravel bottom, sides as indicated: Cravel bottom, sides as indicated:	0.020-0.030		8. Sor
	1. Formed concrete	0.017-0.020		b. De gre
	2. Random stone in mortar 3. Dry rubble (riprap)	0,020-0.023		c. Sor d. Sor
	D. Brick	0.014-0.017		e, Sot
	E. Asphalt: 1. Smooth	0.013		1. For
	2. Rough	0.016		2. Irregu
	2. Rough F. Wood, planed, clean. O. Concrete-lined excavated rock: 1. (Nood section	0.011-0.013		Incr 3. Moun
	1. Good section	0.017-0.020		usu
	2. Integralal section	0.022-0.021		a. Bo
III.	Open channels, excavated ((straight alinement,) natural		В.	b. Bo Flood pl
	lining):			4. Pasto
	A. Earth, uniform section: 1. Clean, recently completed	0.016-0.018		a. Sh b. Hi
	2. Clean, after weathering	0.018 - 0.020		2. Culti B. No
	 With short grass, few weeds In gravely soil, uniform section, clean 	0. 022-0. 025	1 0	5 5 54.
	 B. Farth, fairly uniform section: I. No vegetation. Q. Grass, some weeds. J. Dense weeds or equatic plants in deep channels. 	-0-02220-025-	2 aloro	* c. Ma 3. Heav;
	2. Orass, some weeds	0.025-0.030	Develos	4. Light
	 Dense weeds or squatic plants in deep channels	0.025-0.030		a, ₩4 b. 8u
	 Sides clean, gravel bottom	0.030-0.040		5. Medi
	C. Dragline excavated or dredged: 1. No vegetation	0.028-0.033		n, Wi b. Su
	2. Light brush on banks D. Rock:	0,035-0,050		6. Dense 7. Clear
	1. Based on design section	0.035		a. No
	 Based on actual mean section: a. Smooth and uniform 	0.035-0.040		b. W 8. Heav
	 b. Jagged and irregular. E. Channels not maintained, weeds and brush uncut; 	0.040-0.045	. 1. 4	gro
	1. Dense weeds, high as flow depth	0,08-0,12	KASP	 Floor b. Floor
	 Clean bottom, brush on sides. Clean bottom, brush on sides, highest stage of flow 		C.	. Major s
	 Clean bottoin, brush on sides, nighest stage of now Dense brush, high stage 	0, 10-0, 14		100 ft. minor
				effecti tation
				duced
				lf pos regula
				range

 4 to 6 inches
 0.06-0.04

 d, any grass:
 0.12-0.07

 about 12 inches
 0.20-0.10

 , any grass:
 0.20-0.06

 about 24 inches
 0.20-0.06

 about 24 inches
 0.10-0.06

 about 24 inches
 0.10-0.06

 about 24 inches
 0.10-0.06
 es way gutters: tter, troweled finish..... ement: xture 0.012 0.013 0.016 ture. .ter with asphalt pavement: vement; 0.013 0.015 - сшень; sh______ iish_____ 0.014 hish..... with small slope, where sediment may accu-crease above values of n by..... 0.00E channels:* ns * (surface width at flood stage less than 100

 mis* (surface width at flood stage less than 100

 gular section:
 0.030-0.035

 grass and weeds, little or no brush.
 0.030-0.035

 growth of weeds, depth of flow materially
 0.035-0.05

 weeds, heavy brush on banks.
 0.035-0.05

 weeds, heavy brush on banks.
 0.05-0.07

 weeds, heavy brush on banks.
 0.06-0.07

 weeds, dense willows on banks.
 0.06-0.07

 weeds, levelaws on banks.
 0.06-0.08

 es within channel, with branches submerged
 0.01-0.02

 sctions, with pools, slight channel meander;
 0.01-0.02

 or streams, no vegetation in channel, banks
 0.04-0.05

 i at high stage;
 0.04-0.05

 m of gravel, cobbles, and few boulders.
 0.04-0.05

 m of grass.
 0.03-0.03

 grass.
 0.03-0.03

 grass.
 0.03-0.03

 grass.
 0.03-0.03

 p.
 0.03-0.04

 of a reast:
 0.03-0.04

 cu areas:
 0.03-0.05

 op:
 0.03-0.04

 re row crops:
 0.03-0.04

 s field crops:
 0.03-0.04

 ceds, scattered brush:
 0.04-0.05

 13h and trees:
 0.05-0.07

 r.
 0.05-0.07

 and of timber, a lew down users, here didentified to the distribution of the distribut

TYPICAL MANNING "n" VALUES

TABLE "F-1a"

JUNE 1994

F-4

 JUNE 1994

LAND USE OR	SCS HYDROLOGIC SOIL GROUP (SEE APPENDIX "C" FOR DESCRIPTIONS)											
SURFACE CHARACTERISTICS		Α		В		С		D				
01111110121201101	0-2%	2-6%	6%+	0-2%	2-6%	6%+	0-2%	2-6%	6%+	0-2%	2-6%	6%+
UNDEVELOPED AREAS	.1020	.1626	.2535	.1422	.2230	.3038	.2028	.2836	.3644	,2432	.3038	.4048
Bare ground	.1424	.2232	.3040	.2028	.2836	.3745	.2634	.3543	.4048	.3038	.4048	.5058
Cultivated/Agricultural	.0818	.1323	.1626	.11 • .19	.1523	.2129	.1422	.1927	.2634	.1826	.23 • .31	.3139
	.1424	.1828	.2232	.16 • .24	.2129	.2836	.2028	.2533	.3442	.2432	.29 • .37	.4149
Pasture	.1222	.2030	.3040	.1826	.2836	.3745	.2432	.3442	.4452	.3038	.4048	.5058
	.1525	.2535	.3747	.2331	.3442	.4553	.3038	.4250	.5260	.3745	.5058	.6270
Meadow	.1020	.1626	.2535	.1422	.2230	.3038	.2028	.2836	.3644	.2432	.3038	.4048
	.1424	.2232	.3040	.2028	.2836	.3745	.2634	.3543	.4452	.3038	.4048	.5058
Forest	.0515	.0818	.1121	.0816	.1119	.1422	.1018	.1321	.1624	.1220	.1624	.2028
	.0818	.1121	.1424	.1018	.1422	.1826	.1220	.1624	.2028	.1523	.2028	.2533
RESIDENTIAL AREAS	.4050	.4353	.4656	.4250	.4553	.5058	.4553	.4856	.5361	.4856	.5159	.5765
1/8 acre per unit	.4858	.5262	.5565	.5058	.5462	.5967	.5361	.5765	.6472	.5664	.6068	.6977
1/4 acre per unit	.2737	.3141	.3444	.2937	.3442	.3846	.3240	.3644	.4149	.3543	.3947	.4553
	.3545	.3949	.4252	.3846	.4250	.4755	.4149	.4553	.5260	.4351	.4755	.5765
1/3 acre per unit	.2232	.2636	.2939	.2533	.2937	.3341	.2836	.3240	.37 - 45	.3139	.3543	.4250
	.3141	.3545	.3848	.3341	.3846	.4250	.3644	.4149	.4856	.3947	.4351	.5361
1/2 acre per unit	.1626	.2030	.2434	.1927	.2331	.2836	2230	.2735	.3240	.2634	.3038	.3745
	.2535	.2939	.3242	.2836	.3240	.3644	3139	.3543	.4250	.3442	.3846	.4856
1 acre per unit	.1424	.1929	.2232	.1725	.2129	.2634	.2028	.2533	.3139	.2432	.2937	.3543
	.2232	.2636	.2939	.2432	.2836	.3442	.2836	.3240	.4048	.3139	.3543	.4654
MISC. SURFACES	.93	.94	.95	.93	.94	.95	.93	.94	.95	.93	.94	.95
Pavement and roofs	.95	.96	.97	.95	.96	.97	.95	.96	.97	.95	.96	.97
Traffic areas (soil and gravel)	.5565	.6070	.6474	.6068	.6472	.6775	.6472	.6775	.6977	.7280	.7583	.7785
	.6570	.7075	.7479	.6876	.7280	.7583	.7280	.7583	.7785	.7987	.8290	.8492
Green landscaping (lawns, parks)	.1020	.1626	.2535	.1422	.2230	.3038	.2028	.2836	.3644	.2432	.3038	.4048
	.1424	.2232	.3040	.2028	.2836	.3745	.2634	.3543	.4252	.3038	.4048	.5058
Non-green and gravel landscaping	.3040	.3646	.4555	.4555	.4250	.5058	.4048	.4856	.5664	.4452	.5058	.6068
	.3444	.4252	.5060	.5060	.4856	.5765	.4654	.5563	.6472	.5058	.6068	.7078
Cemeteries, playgrounds	.2030	.2636	.3545	.3545	.3240	.4048	.3038	.3844	.4654	.3442	.4048	.5058
	.2434	.3242	.4050	.4050	.3846	.4755	.3644	.4553	.5462	.4048	.5058	.6068
 NOTES: 1. Values above and below pertain to the 2-year and 100-year storms, respectively. 2. The range of values provided allows for engineering judgement of site conditions such as basic shape, homogeneity of surface type, surface depression storage, and storm duration. In general, during shorter duration storms (Tc ≤ 10 minutes), infiltration capacity is higher, allowing use of a "C" value in the low range. Conversely, for longer duration storms (Tc > 30 minutes), use a "C value in the higher range. 3. For residential development at less than 1/8 acre per unit or greater than 1 acre per unit, and also for commercial and industrial areas, use values under MISC SURFACES to estimate "C" value ranges for use. 												
RA (Modified from Table	ATIONAL 4, UC-Da						e by Rawl	5)		TABL	E ''B-1''	

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B-3

United States Department of Agriculture

Soil Conservation Service

Engineering Division

Technical Release 55

June 1986



Urban Hydrology for Small Watersheds



Appendix A: Hydrologic soil groups

Soils are classified into hydrologic soil groups (HSG's) to indicate the minimum rate of infiltration obtained for bare soil after prolonged wetting. The HSG's, which are A, B, C, and D, are one element used in determining runoff curve numbers (see chapter 2). For the convenience of TR-55 users, exhibit A-1 lists the HSG classification of United States soils.

The infiltration rate is the rate at which water enters the soil at the soil surface. It is controlled by surface conditions. HSG also indicates the transmission rate—the rate at which the water moves within the soil. This rate is controlled by the soil profile. Approximate numerical ranges for transmission rates shown in the HSG definitions were first published by Musgrave (USDA 1955). The four groups are defined by SCS soil scientists as follows:

Group A soils have low runoff potential and high infiltration rates even when thoroughly wetted. They consist chiefly of deep, well to excessively drained sands or gravels and have a high rate of water transmission (greater than 0.30 in/hr).

Group B soils have moderate infiltration rates when thoroughly wetted and consist chiefly of moderately deep to deep, moderately well to well drained soils with moderately fine to moderately coarse textures. These soils have a moderate rate of water transmission (0.15-0.30 in/hr).

Group C soils have low infiltration rates when thoroughly wetted and consist chiefly of soils with a layer that impedes downward movement of water and soils with moderately fine to fine texture. These soils have a low rate of water transmission (0.05-0.15 in/hr).

Group D soils have high runoff potential. They have very low infiltration rates when thoroughly wetted and consist chiefly of clay soils with a high swelling potential, soils with a permanent high water table, soils with a claypan or clay layer at or near the surface, and shallow soils over nearly impervious material. These soils have a very low rate of water transmission (0-0.05 in/hr). In exhibit A-1, some of the listed soils have an added modifier: for example, "Abrazo, gravelly." This refers to a gravelly phase of the Abrazo series that is found in SCS soil map legends.

Disturbed soil profiles

As a result of urbanization, the soil profile may be considerably altered and the listed group classification may no longer apply. In these circumstances, use the following to determine HSG according to the texture of the new surface soil, provided that significant compaction has not occurred (Brakensiek and Rawls 1983):

HSG Soil textures

- A Sand, loamy sand, or sandy loam
- B Silt loam or loam
- C Sandy clay loam
- D Clay loam, silty clay loam, sandy clay, silty clay, or clay

Drainage and group D soils -

Some soils in the list are in group D because of a high water table that creates a drainage problem. Once these soils are effectively drained, they are placed in a different group. For example, Ackerman, soil is classified as A/D. This indicates that the drained Ackerman soil is in group A and the undrained soil is in group D.

(210-VI-TR-55, Second Ed., June 1986)

A-1

Exhibit A-1, continued: Hydrologic soil groups for United States soils

1

BELMONT BELMORE	8 8	BERTRAH BERTRAND	8 1 8 1	BILLINGS. Moderately slow	е I	BLACKNOLL BLACKOAR	C 870	BLUE LAKE Blue star	А В
BELPRE	č i		8/01		i		c i		č
BELSAC	8 1			BILLYCREEK	c i		8 1		č
BELTED	οI	BERYL	8 1	BILLYHAW	DI	BLACKPOCK	8 1	BLUECREEK	D
BELTON	C I		DI	BILTHORE	A 1		6 !	BLUEDOME	с
BELTRAMI	6 1		-	BIMMER	_D _		DI		c
BELISVILLE	C I			PINCO	D		0 1		c
BELUGA	DI		8 C		e 8		B 1		8
BELUGA. DRAINED. SLOPING				B INFORD B INGER	8		B D	BLUEHILL BLUEHON	c c
BELVOIR	ci		c i		8		0 1		8
BELZAR	èi		c i	B INGHAMP TON	8 1		D I		5
BEHIDJI	ÀÌ		в 1	BINGHAMVILLE	DI	BLADEN	DI	BLUEPDINT	
BEN LOMOND	8 I	BETHERA	DI	BINNA	8	BLAG	DI	BLUERIM	c
BENCHLEY	C I	BETHESDA	< 1	BINNSVILLE	D		D I	BLUESLIDE	D
BENCLARE	< 1		a 1			BLAINE I	C I		с
BENCO	8		A 1	BINTON	C I		< 1	BLUESTONE	D
BENDER	8 1		в 1	BINTON. RECLAIMED	8 1		C I	BLUEWING	A D
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NOTES: TWO HYDROLOGIC SOIL GROUPS SUCH AS B/C INDICATES THE ORAINED/UNDRAINED SITUATION. Hootfiers shown, E.g., Bedrock Substratum, refer to a specific soil series phase found in soil map legend.

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(210-VI-TR-55, Second Ed., June 1986)

REVIEW COMMENTS

Page 1 of 2

FILE #MS-95-42		TITLE	HEADING:	North Mall Minor Subdivision - A Replat of Fisher Subdivision
LOCATION:	North of F Ro	ad between	24 Road & 24	1/2 Road
PETITIONER:	Richard Scaria	ano		
PETITIONER'S ADDRESS/TELEPHONE:		•	ndence Ave., Suite A201 on, CO 81505	
PETITIONER'S REP	RESENTATIVE:		Thompson-La	angford Corp.
STAFF REPRESENT	ATIVE:	Tom Dixon		

NOTE: THE PETITIONER IS REQUIRED TO SUBMIT FOUR (4) COPIES OF WRITTEN RESPONSE AND REVISED DRAWINGS ADDRESSING ALL REVIEW COMMENTS ON OR BEFORE 5:00 P.M., MARCH 24, 1995.

GRAND JUNCTION POLICE DEPARTMENT	3/9/95
Dave Stassen	244-3587

The only concern this project, at this stage, gives me is the easternmost ingress/egress. Given it's location on the curve and the speeds that cards use at this location, I would be concerned for traffic safety when cars slow to turn in here.

CITY UTILITY ENGINEER	3/10/95
Bill Cheney	244-1590

WATER - Ute Water SEWER

- 1. Are these stubouts to the north for manholes A-3 and A-4 or are the lines shown dimension lines?
- 2. Reduce grade of sewer to 0.4% and eliminate flowable fill when cover exceeds 3 1/2'.
- 3. Run pipe through manholes where possible and eliminate 0.2' fall through manhole, thereby picking up additional cover for service extensions to the north.
- 4. C-900 pipe is not required if a flowable fill cap is placed over the pipe SDR 35 pipe is acceptable.

GRAND JUNCTION FIRE DEPARTMENT	3/14/95
Hank Masterson	244-1414

This proposal is acceptable to the Fire Department as presented. The plans to extend the 8" water line and place hydrants at 300' intervals is adequate.

FILE #MS-95-42 / REVIEW COMMENTS / page 2 of 2

GRAND JUNCTION DRAINAGE DISTRICT	3/13/95
John L. Ballagh	242-4343

- 1. The natural drain is Leach Creek not Leech Creek.
- 2. The irrigated tract does drain to the <u>south</u>west corner and along Patterson to Leach Creek where there is only a poorly defined unmaintained waste ditch which allows water to fall into Leach Creek uncontrolled. The uncontrolled, waste water flows are causing bank failure to the left bank of Leach Creek north of Patterson Road. Additional flows - which are predicted, see final drainage report, will exacerbate the bank failure if no corrective action is taken.
- 3. The correctly identified minor drainage channel, the "ditch" on the north side of Patterson was not evaluated for capacity. Perhaps the drainage payment in lieu will cover the cost of pipe upsizing and driveway replacement. These last two items are city street items.

UTE WATER DISTRICT	3/15/95
Gary R. Mathews	242-7491

The 8" water main in F Road will be extended as proposed for North Mall Subdivision at the developers expense. Ute Water will not participate in the cost of the extension. Ute Water requires all lots be stubbed for water service.

Policies and fees in effect at the time of application will apply....C-900 Water Main.

COMMUNITY DEVELOPMENT DEPARTMENT Tom Dixon	3/16/95 244-1447	
See attached comments.		
CITY DEVELOPMENT ENGINEER Jody Kliska	3/16/95 244-1591	

See attached comments.

TO DATE, COMMENTS HAVE NOT BEEN RECEIVED FROM THE FOLLOWING: City Property Agent City Attorney Mesa County Planning Mesa County Surveyor U.S. West Public Service Company Grand Valley Irrigation March 23, 1995

North Mall Minor Subdivision, a replat of Fisher Subdivision

File #MS-95-42

RESPONSE TO REVIEW COMMENTS

Police Department:

I can appreciate Mr. Stassen's concerns about traffic safety given the turning movements along this section of Patterson Road, but the condition already exists and another entrance will be added to this section with or without this developement. Lot 4 of Fisher Subdivision is under separate ownership and will surely be given one access. For this reason we would like to pursue the third entrance, but do so later in our comments under the heading of City Development Engineer.

City Utility Engineer:

All the changes suggested will be made.

Grand Junction Fire Department:

No comment required

Grand Junction Drainage District:

The outfall to Leach Creek will be evaluated and appropriate improvements will be proposed to ensure conveyance of our flows safely to the receiving channel. We have spoken with Jodi Kliska about the size of storm event they would like us to use for design purposes. Once this is received, we can size a facility adequate to handle this event.

Ute Water District:

The developer will extend the 8-inch waterline at his expense and make the service connections as depicted on the revised Utility Composite.

Community Development:

1. Mr. Dixon states that the present 6.5 acre parcel is entitled to 1access. Does the City have an access code that states that one site is entitled to one access. If so, then why was the car wash given two; why does Sears have two. If the owners, who have been holding this lot since the "boom" days had forseen a market where only smaller parcels would sell, we wouldn't be here today. The site would have been split into smaller sites each having a right to one access. As it is, there is no market for a site this large therefore we are before you asking for more density, but fewer access points than what we would have had if the area had all been laid out in 1-acre plus sized lots. 2. I believe Mr. Dixon's comments concerning site layout with the parking in the rear are inappropriate for retail development. I have never seen retail establishements laid out in this manner. Retail businesses depend on the traveling public being able to see their store fronts and to see activity. This is not a new concept. People like to be where other people are. New stores try to give the appearance of vitality by putting streamers in front (American Furniture on North Avenue), parking a car or two near their entrances, and putting merchandise out front to draw in the curious. To develop a retail area as Mr. Dixon suggests would condem it to low sales, high turnover and possible bankruptsy.

3. Drainage will be addressed as an engineering issue below.

4. Turn lanes will be addressed as an engineering issue below.

5. A Developement Improvements Agreement for installation of the required site improvements will be executed prior to platting.

6. It is understood that the open space fees in the amount of 5% of the unimproved land value will be due and payable prior to platting.

City Development Engineer:

Drainage:

All drainage from the site would be routed to Leach Creek. None would be routed to Ranchmans Ditch. As mentioned above, we have been in communication with Jodi Kliska concerning the design storm event to use in sizing outfall facilities. When we receive this information we will size an outfall of adequate capacity. It is our understanding that our costs for design and construction of this outfall will be credited against our drainage impact fee.

Access and Street Improvements:

Concerning the number of accesses that will be premitted, we would suggest a compromise that would seem to us to be no worse than what City Engineering and Planning are proposing. We would put in the two westerly entrances as requested by City Engineering, but would ask that the third be allowed if we put it on the lotline between our parcel and Lot 4. Lot 4 will get an access in the future anyway, so if we were to fix it's location now, the City would be no worse off.

The package being submitted does not include designs for the entries nor the internal circulation mentioned in your comments. The entries have been shown schematically only so that we may gain approval for specific entry points, and may or may not be of the width shown or have dividing island. Entry designs and internal circulation designs have been specifically omitted because we do not know what will be built on each of the five sites. Though we have proposed horizontal locations for the entrances, the vertical alignments of each entrance need to be coordinated with the specific site designs. Internal circulation design is even more critical and on sites this small we feel they should be left for design at the time of site plan submittal.

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North Mall--Presentation to City Council on Appeal

4/20/95

The proposal is for a replat of one 6.5 acre lot of Fisher Subdivision into 5 commercial lots.

The Planning Commission approved the subdivision at their April 4th hearing. Conditions of approval included the requirement for open space fees and construction of a center left turn lane in F Road the length of this property. The petitioner is appealing those 2 conditions.

Further review of the County Development File for Fisher Subdivision (file #C22-79) revealed that open space fees had been paid at the time of the original subdivision. The fee was based on the appraised value of the acreage. Therefore, open space fees will not be required for the replat.

Section 5-4-1.H.6 of the Zoning and Development Code concerning TCP states if a development abuts an underimproved street, the City may require construction of 1/2 street improvements of abutting street, if it's determined it's needed for safe ingress/egress of traffic to the development. The cost of those improvements will be credited to the TCP.

Patterson Road is classified as a major arterial, requiring 5 lanes and curb, gutter and sidewalk. Engineering has determined that a left turn lane is needed for safe ingress and egress to this development.

Fisher Subdivision was approved in 1979 by Mesa County. The file indicates improvements to F Road were existing at that time. The developer of Fisher Subdivision was only required to do a POA for 24 1/2 Road improvements and a Development Improvements Agreement for utilities.

F Road improvements were required with the approvals of Mesa Mall in 1977 (File #C48-77 and C206-79).

Council Action

At their April 19, 1995 hearing City Council approved the appeal. Therefore, improvements to F Road will not be required prior to recording the plat. TCP will be collected from each development at the time of Planning Clearance. STAFF REVIEW (Preliminary comments) FILE: #MS-95-42 DATE: March 16, 1995 STAFF: Tom Dixon, AICP REQUEST: 5-lot commercial subdivision LOCATION: North side of Patterson Road APPLICANT: Richard Scariano EXISTING LAND USE: Undeveloped SURROUNDING LAND USE: NORTH: Undeveloped SOUTH: Commercial EAST: Commercial WEST: Commercial EXISTING ZONING: HO (Highway-Oriented) SURROUNDING ZONING:

NORTH: PB (Mesa County) SOUTH: HO EAST: HO WEST: HO

ISSUES TO BE RESOLVED: The petitioner needs to address the following issues or problems involving this proposed subdivision:

1) The proposal must reduce the number of access points onto Patterson Road from three to two. The present 6.5-acre parcel is entitled to one access. The City does have the ability to control access connections in the subdivision process. The Patterson (F) Road Corridor Guidelines state the need for limiting and consolidating access points onto Patterson Road.

2) The proposed circulation and common parking areas should be located on the rear portion of the proposed lots. In addition to providing safe and adequate stacking distance from the public right-of-way, this will allow for the portion of the site developed with structures to be located closer to Patterson Road which would be an aesthetic enhancement to the site's development. The Patterson (F) Road Corridor Guidelines encourage developments that includes buffering, landscape elements, pedestrian accommodations, and setbacks that support an attractive streetscape.

3) The proposed drainage from the site may not be feasible or workable. The Public Works staff is evaluating the drainage issue and will provide comments on it.

4) The traffic demands generated by this proposal justify the requirement of additional turn lanes to safely serve the site. Improvements made in the public right-of-way can be credited toward the Transportation Capacity Payment (TCP).

5) A Development Improvement Agreement (DIA) for the private access and circulation system is necessary prior to the platting of this subdivision. The DIA is a guarantee that a continuous onsite circulation system will be provided to serve all the lots.

6) Open space fees are required to be paid at the time of platting. The fees are 5% of the fair market value of the unimproved land. The fair market value is to be determined by an accredited real estate appraiser not otherwise involved in the development.

STAFF REVIEW (Final) FILE: #MS-95-42 DATE: March 29, 1995 STAFF: Tom Dixon, AICP REQUEST: Final plat for Northmall, 5-lot commercial subdivision LOCATION: North side of Patterson Road APPLICANT: Richard Scariano EXISTING LAND USE: Undeveloped SURROUNDING LAND USE: NORTH: Undeveloped SOUTH: Commercial EAST: Commercial WEST: Commercial EXISTING ZONING: HO (Highway-Oriented) SURROUNDING ZONING: NORTH: PB (Mesa County) SOUTH: HO

EAST: HO WEST: HO RELATIONSHIP TO COMPREHENSIVE PLAN/POLICIES/GUIDELINES: The Patterson (F) Road Corridor Guidelines apply to this site. These guidelines recognize that this portion of Patterson Road is appropriate for commercial development, that access points should be designed to serve more than one lot by placing ingress/egress points at joint property lines, and that meandering pedestrian walks can be considered as an alternative to standard City sidewalk requirements.

STAFF ANALYSIS: The existing site is a 6.5-acre undeveloped parcel of commercially zoned land north of Mesa Mall. The proposed minor subdivision would create five separate lots for potential commercial development. As proposed, a shared access easement across the front portions (south side) of each lot will allow vehicular traffic to pass nearly the full length of the present site. Access onto Patterson Road is proposed at three separate ingress/egress points, the west one aligning with the north entry into Mesa Mall.

In order for this common access and cross easement circulation to function adequately and separately from Patterson Road, which is classified as a principal arterial, the portion of the site between Patterson and the frontage road should be landscaped with a mixture of groundcover, shrubs and trees. There will also need to be common cross-access and parking easements on all the proposed lots as well as a common maintenance agreement to ensure that the access road is maintained at an adequate level.

The HO zone allows a range of retail and office uses. Mesa Mall to the south is zoned HO so the types of potential uses that will occur on these proposed lots will have to conform with this zoning. The HO zone also has the following development standards that will apply to each lot as it develops:

Maximum	height of structures:	65 feet
Maximum	coverage by structures:	35%
Minimum	side/rear yard setbacks:	15 feet
Minimum	front yard setbacks:	65 from centerline of ROW
Minimum	front yard landscaping:	75% of required front yard
		setback

DEVELOPMENT ISSUES:

1) The proposal must reduce the number of access points onto Patterson Road from three to two. The present 6.5-acre parcel is entitled to one access. The City does have the ability to control access connections in the subdivision process. The Patterson (F) Road Corridor Guidelines state the need for limiting and consolidating access points onto Patterson Road.

2) The proposed circulation and common parking areas shall be located on the rear portion of the proposed lots. In addition to providing safe and adequate stacking distance from the public right-of-way, this will allow for the portion of the site developed with structures to be located closer to Patterson Road which would be an aesthetic enhancement to the site's development. The Patterson (F) Road Corridor Guidelines encourage developments that includes buffering, landscape elements, pedestrian accommodations, and setbacks that support an attractive streetscape. The proposed circulation system may cause stacking and traffic conflicts and safety problems if the parking is not located in the back portion of the site.

3) The proposed drainage from the site is subject to City Engineering approval.

4) The traffic demands generated by this proposal justify the requirement of additional turn lanes on Patterson Road to safely serve the site. Improvements made in the public right-of-way can be credited toward the Transportation Capacity Payment (TCP).

5) A Development Improvement Agreement (DIA) for the private access and circulation system is necessary prior to the platting of this subdivision. The DIA will guarantee that a continuous onsite circulation system will be provided to serve all the lots. The DIA shall also include the required improvements to Patterson Road. 6) Open space fees are required to be paid at the time of platting. The fees are 5% of the fair market value of the unimproved land. The fair market value is to be determined by an accredited real estate appraiser not otherwise involved in the development.

...

STAFF RECOMMENDATION: Approval of the proposed 5-lot minor subdivision with issues 1 through 6, above, adopted as conditions of approval.

SUGGESTED PLANNING COMMISSION MOTION: Mr. Chairman, on item #MP-95-42, I move that we approve the proposed 5-lot Northmall Subdivision as recommended by staff.

STAFF REPORT FOR APPEAL TO CITY COUNCIL FILE: #MS-95-42 DATE: April 6, 1995 STAFF: Tom Dixon, AICP APPEAL: Conditions imposed on the Final plat approval for Northmall, 5-lot commercial subdivision LOCATION: North side of Patterson Road approximately midway between 24 and 24 1/2 Roads and north of Mesa Mall APPLICANT: Richard Scariano EXISTING LAND USE: Undeveloped SURROUNDING LAND USE: NORTH: Undeveloped SOUTH: Commercial EAST: Commercial WEST: Commercial EXISTING ZONING: HO (Highway-Oriented) SURROUNDING ZONING: NORTH: PB (Mesa County) SOUTH: HO

WEST: HO **RELATIONSHIP TO COMPREHENSIVE PLAN/POLICIES/GUIDELINES:** The Patterson (F) Road Corridor Guidelines apply to this site. These guidelines recognize that this portion of Patterson Road is appropriate for commercial development, that access points should be designed to serve more than one lot by placing ingress/egress points at joint property lines, and that meandering pedestrian walks can be considered as an alternative to standard City sidewalk requirements.

EAST: HO

SUBJECT OF APPEAL: The petitioner appeals two conditions of approval of a Planning Commission decision:

1) Open space fees. These are assessed at 5% of the fair market value of the unimproved land and is payable at the time of platting.

2) The requirement of additional turn lanes on Patterson Road to safely serve the site. Improvements made in the public right-ofway can be credited toward the Transportation Capacity Payment (TCP). **SITE INFORMATION:** The existing site is a 6.5-acre undeveloped parcel of commercially zoned land north of Mesa Mall. The proposed minor subdivision would create five separate lots for future commercial development. The petitioner has not indicated what specific uses or tenants may locate on these lots. As proposed, a shared access easement across the front portions (south side) of each lot will allow vehicular traffic to circulate the full length of the present site. Access onto Patterson Road was approved at three separate ingress/egress points, the west one aligning with the north entry into Mesa Mall.

STAFF ANALYSIS: The two items being appealed are reviewed and discussed as follows:

1) Parks and open space fees are assessed for all properties that are subdivided. In the case of commercially-zoned properties, the fees are 5% of the fair market value of the unimproved land. The fair market value is to be determined by an accredited real estate appraiser not otherwise involved in the development.

Finding: The petitioner has not stated a basis for being exempt from this fee which is a standard development assessment within the City. Neither has the petitioner presented evidence that such fees were previously paid when the Fisher Subdivision was approved. The petitioner has not cited a hardship or inability to pay. In fact, the objective of the subdivision is to actively market the individual lots. Staff finds no substantive basis to waiving the parks and open space fees.

2) The requirement for turning lanes as part of the approval and development of the site. The traffic demands generated by this proposal justify the requirement of additional turn lanes on Patterson Road to safely serve the site. Improvements made in the public right-of-way can be credited toward the Transportation Capacity Payment (TCP).

Finding: The proposed commercial subdivision will create the potential for an increase in traffic generation on this portion of Patterson Road. Lacking clearly identified commercial uses, staff must assume a use that will create a worst case scenario from a traffic generation standpoint. The basis of requiring turn lanes on Patterson Road is to ensure an adequate level of service and to maintain the safety of the road. This is best achieved by creating the turn lanes in conjunction with this approval. Improvements to the public right-of-way will be credited to the TCP. The TCP is a standard development fee reserved for future improvements to the public right-of-way system. Staff finds that public safety is best served with the inclusion of turn lanes onto this site as part of the site's improvement.

STAFF RECOMMENDATION: Uphold the Planning Commission's decision with all conditions.

THOMPSON-LANGFORD CORPORATION

ENGINEERING AND LAND SURVEYING Independence Plaza 529 25 1/2 Rd., Suite B 210 Grand Junction, CO 81505 PH. 243-6067

April 7, 1995

Ms. Kathy Portner City of Grand Junction Community Development Department 250 North 5th Street Grand Junction, CO 81501 RECEIVED GRAND JUNCTION PLANNING DEPARTMENT

APR 0 7 RECD

Re: #MS-95-42 - Northmall Subdivision

Dear Kathy:

I spoke with Tom Dixon yesterday concerning our desire to appeal some elements of the decision of the Planning Commission to the City Council. Tom indicated that he would be out of town until after the Council session on the 19th, which we would like to make, and that I should coordinate our appeal through you.

We were told at the hearing that we had three days to appeal their decision. Unfortunately I learned yesterday, that the official motion would not be available for a couple of weeks. We think we know what we heard, but as we both know, that frequently isn't the case. All the utility issues aside, which we know we must do, we believe we were granted two entrances totally to ourselves, and a additionally gained a third which we must share with the owners to our east. We also believe that we will not be required at the time of platting nor in the Development Improvements Agreement to design or put up security for the construction of an internal circulation system, that adequate circulation will have to be worked out at the time we seek specific site plan approvals. We further believe we heard that the concept of buildings to the front with parking in the rear was not made mandatory, that site designs would be reviewed and approved on a site by site basis.

If our understandings of the above issues are correct, we take no exception to those elements of the Commission's motion. The two items that did concern us were the issues concerning improvements to Patterson Road and the Open Space fees. As we understand the the Commission's motion, our client will be required to make the Traffic Capacity Payment (TCP) and will be required to widen the Patterson Road as well. I was told prior to the hearing and believe I also heard it mentioned in the hearing that any costs we would incurred for widening the road would apply as a credit towards the TCP. We tried to make the point in the hearing that we felt the present value of the excess improvements that our client paid for in 1979 should be her "TCP", and should be credited towards today's obligations thus partially or hopefully totally eliminating any payment for road improvements today. We were not successful, and this is the primary issue we want to appeal.

My rational for what I have expressed above is that I cannot see how this differs from overbuilding a sewer line. I have been required by many municipalities over the years to overbuild facilities such as sewers or as in this case, roads. But the fact that my clients were being asked to build more than what they needed was recognized and we were always given rights-of-recovery. That couldn't be the case here, but I didn't expect the debt to be forgotten and a second demand to pay be made. The area residents, the City, the County and the Mall have jointly used up this excess capacity which my client paid for and now that none exists, the City wants her to pay more. I don't see the justice in this.

As far as the Open Space fees are concerned, we feel less strongly about this issue. We do feel our client met all the requirements of platting in 1979 and shouldn't have to revisit these issues today. If we are again unsuccessful in convincing the City of our position, we would at least like to be able to phase the payment of open space fees by sale of lots; such as a lien against each lot.

Please accept this letter as our request to appeal the decision of the Planning Commission. We request that we be placed on the agenda for the City Council meeting scheduled for April 19, 1995. If there is anything further I need to furnish you, please give me a call.

Respectfully, MS1

James E. Langford, PE & LS

JEL/iml

April 19, 1995

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Dear Sir:

My name is Gertrude Smith. I currently own the property north of Mesa Mall having 6.5 acres. I am asking that you consider all of the facts before requiring me to perform and pay for items that other people in the county have not had to do.

A. G. L.

I would like fair treatment for the requirements that the planning -commission has placed upon me. I am asking for two things to be changed from the meeting we had several weeks ago. First, I do not feel it is fair to have me provide any further street improvements, other than the normal curb cuts for this property. Secondly, I want the open space fees to be paid on a per lot basis as I sell my property.

I would like to have you consider these items based upon what I am going to tell you. I have lived on this property since my husband purchased it from Holly Sugar Corporation in 1939. Our family ran dairy cows on it until it was purchased in 1974 by General Growth Properties. At that time, I did not receive any money as I only had a life estate to the property. After a lifetime of working with the cows and farming this property I received enough money to purchase a trailer house. I didn't have enough money to retire so I had to go to work. My age didn't provide many opportunities in the job market nor did my past experience and job skills in working with cows open any doors. I had an opportunity to sell the property to some doctors in 1977 which I did. I received \$50,000 in cash and a note for the balance. Seven years later I foreclosed on the property with no payments made in the interim. I then had to pay \$38,000 in back taxes and my attorney's fees. As you can see by the time it was over I had received nothing for my property.

I was required to build my half of F Road. I had to give General Growth Properties the land that Sears Catalog store is currently on in payment for the road. We put in a four lane road not a two lane road. For the last 19 years we have used F Road for the machinery to grow the corn each year. How can the planners determine that special accesses are required on this property since there is not another access, such as the one they propose, in the whole stretch of F Road in the 9 miles from here to Clifton? If I have to do this I am again making improvements that are not in balance with the impact or even the potential impact of even the grandest development on the property.

I have wondered about the open space fees. I've been told by my engineers that it is doubtful whether this can be waived. I am not asking for a waiver. What I am asking for is the ability to pay the open space fees or any other fees against the property as I sell the lots. I have waited almost 20 years to receive some income from this property. If I am required to pay all the fees that you request I will not see any income until I sell more than a small portion of the property. I think it is fairer to pay the open space fees each time one of the lots is sold. I would be happy to provide a financial statement showing that I simply do not have the money to pay for the fees that you are requiring all at once.

I am 73 years old and hope to see some income from the farm before I die. I have waited over twenty years to have the opportunity to finally realize something from the farm.

Thank you for your consideration of this letter.

Respectfully,

ertrude Smith

Gertrude Smith

May 19, 1995

City of Grand Junction, Colorado 250 North Fifth Street 81501-2668 FAX: (303) 244-1599

Jim Langford Thompson-Langford Corporation 529 25 1/2 Road Grand Junction, Colorado 81505

RE: Northmall Off-Site Drainage Improvements

Dear Jim,

I have reviewed the plans you submitted for the offsite drainage improvements and am ready to sign of for construction approval of the plans with the completion of an improvements agreement for this work.

Please submit three more sets of plans for signature along with the estimate for the improvements agreement. Recordation of the improvements agreement is handled through the City Community Development Department.

The contractor for this project will be required to obtain a permit from the City Engineer's office. One of the requirements of the permit is submission of a traffic control plan.

Please call if you have questions.

Sincerely,

Kliska

cc: Tom Dixon

Printed on recycled paper

Thompson-Langford Corporation

EERING AND LAND SURVEYING Independence Plaza 529 25 1/2 Rd., Suite B 210 Grand Junction, CO 81505 PH. 243-6067

24, 1995

Jodi Kliska City Engine g Department 250 Not 5th Street Grand Junction 01

Re: Site development plans

Dear Jodi:

Prease find attached 3 copies of the plans you requested in your May 19th letter and the Exhibit that needs to go with the Invelopment Improvements Agreement. In order to make a package which the other can use to go out for bids, we have combined the off-site of the other can be be bids and the off-site of the other can be be be bids and the on-site water and sever plan previously reviewed by Bill Cheney. In provements Agreement. In previously reviewed by Bill Cheney. Improvements Agreement.

I will by this letter be making Dick Scariano aware that these materials have been plivered to you and he or the owners need the bevelopment Improvement Department to formalize the bevelopment Improvement Agreement. Further, this letter and howledges and will serve to make the owners aware of the fact that they need to get a permit from your office before construction can begin.

Respectfully es E. Langford, PE & LS **1**/iml

EXHIBIT "B"

DATE :	5/15/95
NAME OF DEVELOPMENT:	Northmall Subdivision
LOCATION:	Lot 2 Fisher Subdivision as recorded in the Mesa
	County Clerk and recorders records in Book 12,
	page 161.

PRINTED NAME OF PERSON PREPARING James E. Langford

CONSTRUCTION COST ESTIMATE:

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	•			Unit	Total
I.	Sanitary Sewer:	Units	Quantity	Price	Price
<u> </u>	1 8-inch C900 PVC Sewer w/flowable fill	LF	960	19.50	18720.00
	2 San. Sew. Manholes	EA	4	1,250.00	5000.00
	3 Connection to Existing Manhole	EA	1	325.00	325.00
	4 Asphalt removal and replacement	SY	32	25.00	800.00
		Sub-to	otal Sanitar	y Sewer:	24845.00

				Unit	Total
II.	Domestic Water:	Units Q	uantity	Price	Price
	1 8" Waterline	LF	1298	15.50	20119.00
	2 Fire Hydrant Assemblies (tee,valve, spool & hydr.)	EA	3	1,150.00	3450.00
	3 8" Gate Valve and Box	LS	1	550.00	550.00
	4 Connection to existing main	EA	2	450.00	900.00
	•	Sub-tota	l Domesti	c Water:	25019.00

			Unit	Total
III. Drainage Channel	Units	Quantity	Price	Price
1 Clear and Grubb (Incl. trees, brush & stumps)	AC	1.25	1,500.00	1875.00
2 Asphalt Removal and Disposal	SY	275	2.50	687.50
3 Drainage pipe removal and disposal	LF	184	2.50	460.00
4 Roadside swale grading	LF	1930	7.50	14475.00
5 Double 18" CMP w/flowable backfill	LF	193	48.00	9264.00
6 6" Asphalt Patching over new culverts	ton	81	30.00	2439.00
7 36" CMP, Flared End Section, Riprap, connection to multi-plate	LS	1	2,400.00	2400.00
8 Seeding and Mulching in front of Mesa Villa	SF	3400	0.19	646.00
9 Remove and reconstruct 4' drainage pan	LF	117	16.50	1930.50
10 Remove and replace signs	LS	1	600.00	600.00
		Sub-total I	Drainage:	34777.00

Page 1

				Unit	Total
IV.	MISCELLANEOUS:	Units	Quantity	Price	Price
	1 Construction Inspection (by Consultant)	LS	1	500.00	500.00
	2 Construction Inspection (by City)	LS	1	500.00	500.00
	3 Construction Surveys	LS	1	650.00	650.00
	4 Quality Control Testing	LS	1	2,800.00	2800.00
		Sub-1	total Miscel	laneous:	4450.00

TOTAL ESTIMATED COST OF IMPROVEMENTS: \$89,091.00

SIGNATURE OF DEVELOPER

I have reviewed the estimated costs and time schedule shown above and, based on the plan layouts submitted to date and the current costs of construction, take no exception to the above.

CITY ENGINEER

COMMUNITY DEVELOPMENT

Page 2

DATE

DATE

DATE

5 - Draff bung revuewed by judy.

July 21, 1995

Richard Scariano 1048 Independence Avenue Grand Junction, CO 81505

Original Mylar in bin by K.P. 15 desic. Copy of plat being reviewed by Steve Pace.

RE: File #MS-95-42--North Mall Minor Subdivision

Dear Mr. Scariano:

This is to summarize the approval of the North Mall Minor Subdivision and identify what needs to be done prior to recording the plat.

At their April 4, 1995 hearing the City Planning Commission approved the Subdivision with the following conditions:

- 1. The number of access points to Patterson Road must be reduced from 3 to 2, with one additional access to be allowed at the east side of lot 5 to be recorded as a shared access with lot 4 of Fisher's Subdivision.
- 2. The proposed drainage from the site is subject to City Engineering approval.
- 3. The requirement for turn lanes onto Patterson Road to safely serve the site. Improvements made in the public right-of-way will be credited toward future Transportation Capacity Payments.
- 4. A note to the plat shall be added stating that at time of site plan review, access, circulation, common access circulation and parking arrangements must be reviewed and approved by City staff.
- 5. Open space fees are required to be paid at the time of platting.

Since Then City staff has found evidence that the open space fees were paid on this property at the time of the original platting, therefore, requirement number 5 has been deleted. Further, the petitioner's appeal to City Council to delete the requirement for turn lanes on Patterson Road was successful and that conditions hu do buy will not be required. Transportation Capacity Payments will be during required at the time each property develops.

The plat must be recorded within one year of the approval. Prior to recording the plat the following items must be addressed:

- 1. The plat must be revised to show all technical requirements (see attached).
- 2. Four sets of final construction drawings for all public improvements, including utilities and drainage improvements,

must be submitted for Engineering's review and approval.

- 3. A development improvements agreement for all of the above improvements must be submitted and approved by the City. An acceptable form of guarantee must also be provided.
- 4. The balance of the drainage fee (less the credited amount for the required drainage improvements) must be paid.
- 5. Once the final plat has City signatures, two full-size mylar copies and one 11" x 17" reduced mylar copy must be submitted.
- 6. A computer disk with the plat information must be submitted.

If you have any questions on the above requirements please give me a call at 244-1446. Thank you.

Sincerely,

Katherine M. Portner Planning Supervisor

xc: Gertrude Fisher Smith Thompson-Langford Corp. Jody Kliska, City Development Engineer

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	WILLIAMS, TURNER & HOL	MES, P.C.
ALL ATTORNEYS ADMITTED IN COLORADO	ATTORNE RECEIVED GRAND JUNCTION PLANNING DE COMMENT	
ANTHONY W. WILLIAMS BERNDT C. HOLMES J. D. SNODGRASS WILLIAM D. PRAKKEN	AUG 10 RECD Jui	y 26, 1995
DAVID J. TURNER – ALSO ADMITTED IN UTAH MARK A. HERMUNDSTAD – ALSO ADMITTED IN UTAH SUSAN M: CORLE	Dan <u>Wilson</u> City Attorney City of Grand Junction	Hen: the "plaged" concept bas been agreed to in concept.
MARK E. HAMILTON OF COUNSEL	250 North 5th Street	bas been afred tom
WARREN L. TURNER BERNARD A. BUESCHER	Grand Junction, CO 81501	concept. et
	Re: Northmall Subdivision	Please see what you
	Dear Dan:	Please see what your think t call product

A couple of weeks ago, Dick Scariano and I sat down with you to discuss a Development Improvements Agreement for the Northmall Subdivision. You gave me a form Development Improvements Agreement that we could modify for use with the Northmall Subdivision.

I have prepared the Development Improvements Agreement in accordance with the matters that we discussed at our meeting. A copy of that Development Improvements Agreement is enclosed herewith. The provisions that we discussed are contained on Exhibit C to the Development Improvements Agreement. As you will recall, my client, Jack Walker, is proposing to purchase Lot 1 of Northmall Subdivision. Pursuant to the Exhibit C, a letter of credit and/or disbursement agreement will be provided prior to the closing of the sale of Lot 1, which documents will secure the development costs attributable to Lot 1 plus the cost of constructing the drainage channel which will serve all of the lots. The development obligations for the remaining lots will be secured by a deed of trust which will come due upon the sale of any of the remaining lots or upon the commencement of any construction or other development on any of the remaining lots. You indicated in our conversation that you thought that such an approach would be acceptable to the City.

I would appreciate it if you would review the enclosed Development Improvements Agreement and let me know whether it looks satisfactory to you. If there are matters which I did not properly address; please let me know.

I was not sure how to fill in Paragraph 2 of the Development Improvements Agreement. I assume that the blank needs to be filled in with the words "final plat", but I was not sure of this. Please let me know what goes in that blank.

Also, you will notice that the blank in Paragraph 7, dealing with the completion period for the improvements, has not been filled in. We are not sure when the development of any of these lots will occur. As you are aware, the Northmall Subdivision is a replat of one of the lots of a previously platted subdivision, the Fisher

COURTHOUSE PLACE BUILDING 200 N. 6TH STREET PO BOX 338 GRAND JUNCTION, COLORADO 81502-0338 PHONE 303/242-6262 FAX 303/241-3026

MOAB OFFICE: 94 EAST GRAND AVENUE MOAB. UTAH 84532-2830 HONE 801/259-4381

Dan Wilson July 26, 1995 Page 2

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Subdivision. That subdivision was platted back in 1979, and development has still not occurred on the lot that will now be known as Northmall Subdivision. Hopefully, such development will occur in the relatively near future, but there is no assurance that this will happen. Accordingly, we would like to insert a relatively long period of time in Paragraph 7, such as twelve years, so that the parties have ample opportunity to develop the property. Please let me know your thoughts on this.

I will wait to hear your comments on the enclosed Development Improvements Agreement. Thank you for your help and assistance.

Very truly yours,

WILLIAMS, TURNER & HOLMES, P.C.

Mail a Harman Call

Mark A. Hermundstad

MAH/sr Enclosures

xc: Jack Walker Dick Scariano Rich Livingston

October 18, 1995

Status of North Mall Subdivision

- 1. A note must be added to the plat stating that at the time of site plan review, access, circulation, common access circulation and parking arrangements must be reviewed and approved by City staff.
- 2. Original mylar plat needs owner's signature and the Surveyor's Statement signed and sealed.
- 3. City signatures needed on the plat.
- 4. The following copies of the fully signed plat must be submitted: 2 full size mylar copies (in addition to the original) and 1 11"x17" reduced mylar copy of the plat.
- 5. A computer disk with the final plat information must be submitted.
- 6. The fully executed Development Improvements Agreement/Guarantee, etc. as agreed upon by the City Attorney.