



(E) PROPERTY BOUNDARY -- — (E) ADJACENT PROPERTY BOUNDARY -- FM9--- FM9--- (E) SEWER FORCE MAIN SERVICE

(E) CONCRETE



-- (E) FENCE LINE (E) MINOR CONTOUR (E) GRAVEL ROAD

P) FORCEMAIN

---SS --- (F) GRAVITY SEWER SERVICE

> (E) = EXISTING (P) = PROPOSED (F) = FUTURE

> > NOTE: NOT ALL FEATURES SHOWN IN LEGEND AND SYMBOLS APPEAR IN DRAWING.



SYMBOLS

0.0 (E) SEPTIC TANK

(() (E) WELL V (E) TELEPHONE JUNCTION BOX

(E) ELECTRICAL TRANSFORMER

PМ (E) POWER METER (E) POWER POLE

SET 5/8" X 24" REBAR WITH 1 1/4" YPC STAMPED "M. CARSTENS 5940LS".

FOUND AS NOTED.

FOUND 2º BRASS CAP FOUND PVC PIPE

FOUND PROPANE TANK EXISTING BUILDING

EXISTING SOIL PROFILE 9 SP# EXISTING CONTROL POINT

(P) CHECK VALVE (P) AIR RELEASE VALVE

(P) DRAINFIELD

(P) SEPTIC/DOSE TANK (P) ISOLATION GATE VALVE E-1

(F) SEPTIC

Montana Department of **Environmental Quality**

EQ15-191

APPROVED

RECEIVED

SEP 02 2016

Department of **Environmental Quality** Kalispell Regional Office



IMPROVEMENTS WASTEWATER SYSTEM TIMBRSHOR TMENT TREA

HOMEOWNERS ASSOCIATION

TIMBRSHOR



MAPFERMAN BROTHBERDY, INC. ALL DRAWN AND WRITTEN INFORM APPEARING HEREIN IS AND 85 HLI REMAIN THE PROPERTY OF HAFE ENGINEERING, INC. AND AS SUCH NOT BE DUPLICATED IN ANY FORM

TIMERSHOR AT FINLEY POINT LOT LAYOUT

MAY 2016 T.58.1

1 OF 2

Title:	PROPOSE	D WWTS	SYSTEM A		
		Design	Design Flow		Status D=developed- ND = not
Area	Unit#	#Barms	(gpd)	System Components	developed
Α	201	3	250		D-2
A	203	3	250	Units 201, 203, 204, 205, 206, 210, 211, 216 & 219	D-2
A	204	3	250	Gravity drain to central dose chamber	D-2
A	205	5	250	or or of the series of the ser	D-5
A	206	3	250		D-3
A	209	3+loft	250	Gravity drain system to system A forcemain	D-3.5
A	210	3	250		D-2
A	211	3	250		D-1
A	216	3	250		ND
A	219	3	250		ND
A	Lodge	4	250	STEP/Individual forcemain to system A	D-4
A	301	3	250		D-3
A	302	3	250	Gravity drain to STEP/Dose to system A forcemain	D-2
Α	305	3	250		D-3
A	306	3	250		D-2
A	307	3	250	E-one grider pump to STEP/Dose to System A	D-2
A	308	3	250		D-2
A	309	3	250		D-2
A	311	3	250	Step/individual forcemain to system A forcemain	D-2.5
Totals	19				
Title:	PROPOSE	D WWTS	SYSTEM E	3	
Area	Unit#	Design	Design Flow (gpd)	Standards Coulon on plants	Status D=developed- ND = not developed
В	312	3	300	System Components	D-3
8	314	3	300	1	D-2
В	315	3	300	Existing lift station to STEP/Dose to System B	D-2
В	316	3	300	10	D-2
Total Units	4		000		
Title:		D WWTS	SYSTEM		
11001	1 101 001				Status
		[Design		D=developed-
		Design	Flow		ND = not
Area	Unit#	#Bdrms	(gpd)	System Components	developed
C	403/404	3	300	STEP/FM to exisiting system C Forcemain	ND
С	406	3	300	Existing STEP/FM to system C forcemain	D-3
С	408	3	300	STEP/FM to existing siphon dose chamber	ND

C	411	3	300 300	STEP/Connect to existing FM to system C	D-3 D-3
C	414	3	300	STEP/FM to system C forcemain	ND
Total Units	8	-	300	31EF/TWI W System C Torceman	110
Title:		D WWTS	SVSTEM		
nue.	11101 032		3131 1171 1		
		1	- •		Status
			Design		D=develope
		Design	Flow		ND = not
Area	Unit#	#Bdrms	(gpd)	System Components	developed D-3
<u>D</u>	418/419	3	300	Existing STEP/Existing FM to siphon dose	
D	426	3	300	STEP/Forcemain to exisiting system D Forcemain	ND ND
D D	427 428	3	300	and siphon dose STEP/Conect to existin system D Forcemain	D-3
D	430	3	300	E-one/FM to STEP/FM to Existing system D FM	ND D-3
Total Units	5	3	500	E-one/FIVI to STEP/FIVI to existing system of FIVI	ND
		D WWTS	CVCTELLE		
Title:	PROPUSE	DWWIS	3131 EIVI E		
					Status
			Design		D=develope
		Design	Flow		ND = not
Area	Unit#	#Bdrms	(gpd)	System Components	developed
E	417	3	300	STEP/FM to system E Forcemain	ND
E	416	3	300	<u> </u>	ND
<u>E</u>	421	3	300	E-One grider pump to STEP/Dose to System E	ND
E	422	3	300	Gravity drain to STEP/Dose to system E	ND
E	424	3	300	See Unit 421	ND
E	429	3	300	STEP/Dose to system E	ND
E	401	3	300	Existing grinder pump/FM to existing STEP/Dose to	D-3
E	402	3	300	system E	D-3
Total Units	8		·		l
T1.)	22222	100 110 1	CAPTER		
Title:	PROPOSE	D WWTS	SYSTEM F		
					Status
			Design		D=develope
		Design	Flow		ND = not
	Unit#	#Bdrms	(gpd)	System Components	developed
Area		4	350	STEP/FM to system F	D-4
Area F	317	. "			
	317	3	300		ND
F		3	300 300	STEP/FM to system F	ND ND

Forcemain STEP Sewage Treatment Effluent Pump

EQ15-1971 APPROVED Montana Department of
Environmental Quality
Fermitting and Rospliance Division
Reviewer

Date

TIMBRSHOR HOMEOWNERS ASSOCIATION

TIMBRSHOR WASTEWATER
TREATMENT SYSTEM IMPROVEMENTS



RECEIVED

SEP 02 2016

Department of Environmental Quality Kalispell Regional Office

TIMBRSHOR AT FINLEY POINT LOT LAYOUT

TE: PROJECT NO: July 2018 T,58,1 2 OF 2

T-58-01-SOS MASTERLOWG