

Fire Hydrant Location Map

Stormwater Pollution Prevention Pion DRAINAGE AND EROSION CONTROL NOTES

All grading and erasion control shall be in accordance with the City of Rapid City Standard Specifications for Public Works Construction (2007 edition).

The approach location shown hereon shall serve as Rock Construction Entrance and be maintained in accordance with the Standard Specifications.

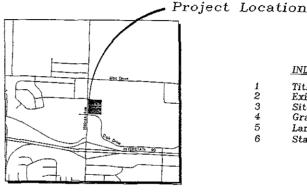
Soil stockpiles (as necessary) shall be located such that stormwater containment to the west/south will be sufficient.

The Detention Cell of the southwest corner of the site shall be constructed first and the are suc shall be constructed hist and the area surrounding it shall serve as a temporary sediment beam during the construction process. This basin shall be mucked and maintained as necessary to prevent stamwater pollution discharge.

All disturbed unpaved areas shall be respected and maintained until vegetation is established and maintained until vegetation is established Stammwater pollution prevention measures (silt fence Rock Construction Entrances (as practical), etc) shall remain in place until vegetation is established and poving is complete

The site currently drains from the northeast to the west/southwest. Drainage is then focused into an existing area inlet The proposed grading plan splits the historic pattern but stormwater is focused into curb and gutter on the west and south sides of the site where discharge occurs into a detention cell whose outfall connects to the existing area inlet

The project consists of an oil change fearwish facility with associated parking and circulation. The proposed Site realizes a net gain in impersious surface which is offset by the detention cell. See calculations for detention cell attached hereta.



Project Location Map - 1" = 1000'

UTILITY CONSTRUCTION NOTES

All utility work shall be in accordance with the City of Rapid City Standard Specifications for Public Works Construction (2007 edition)

Existing utility lines and appurtenances (power, telco and natural gas) shall be utilized for the proposed building. The proposed route and construction activity shall be coordinated with service providers.

Sewer and water services shall be constructed as shown herean

Sewer service includes a sand/oil interceptor as shown Cleanouts shall be installed at moximum. 75' intervals and at all bed points. Cleanouts which fall in the parking/enculation areas shall have a traffic rated cover

Sewer and water services connect to existing mains in the access easement as shown hereon.

PAVING NOTES Reinfarced approaches are to be constructed in accordance with the City of Ropid City Standard Specifications for Public Works Construction (2007 edition)

3

5

INDEX OF SHEETS

Landscape Plan Standard Details

Title Sheet Existing

Site Plan Grading Plan

Paving Sections reinforcing schedules and maximum panel sizes as ennumerated in the Geotechnical Exploration shall be followed.

GENERAL NOTES

All work shall be in accordance with the City of Rapid City Standard Specifications for Public Works Construction (2007 edition)

Contractor shall be responsible for all permit equisition, and permit compliance

Contractor shall prepare and submit a traffic control plan prior to commencement of work within the right-of-way or shared access easements All signage and traffic control measures within the right-of-way and shared access easements shall be in conformance with the MUTCD (current edition)



25, T2N, 1 South Subdivision Grease Monkey ŏ Sheet oŧ NW1/4 701

Surveyed by BLIM 6/21/07 Drawn by BLRW

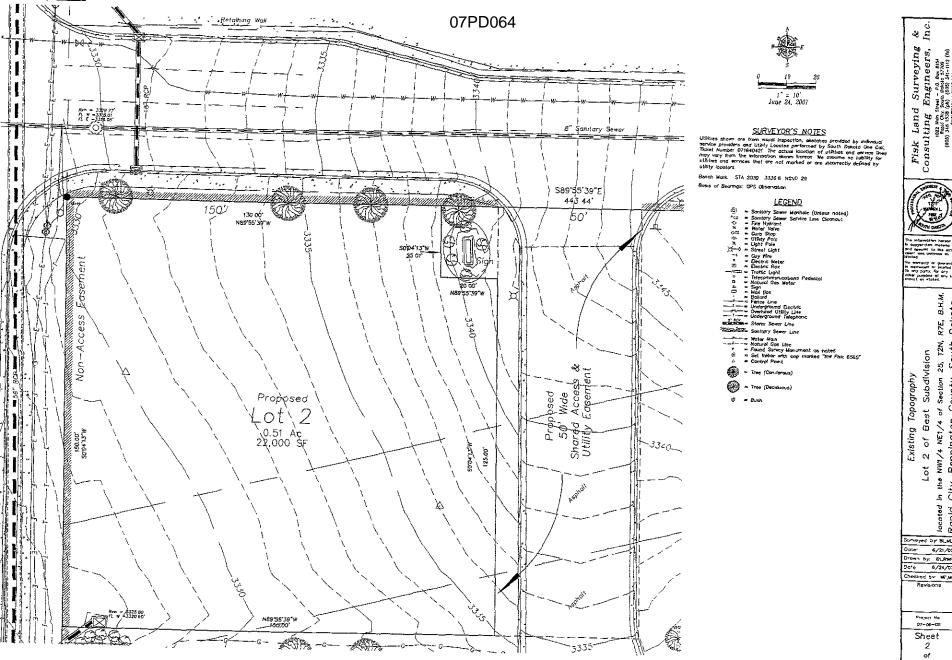
8/8/07 Checked by WF Revisions

> Project No. 07-05-05 Sheet

ONE CALL

BEFORE DIGGING

1-300-781-7474



0770004	ŀ					
Gre	ase Monkey	1 - det	tention.	volum	<u> </u>	
	111				- ·	
	50 = 22,50					
	.4 LIO FO			_		•
Q10 =	0.4× 6.37 ×			31. cf5.		
. P	•	hand.	= 0.85		-	
(Qp)	9.48	- ,	4.15	c fa	-	
10	7.50	-	3,29			
15	6.26		2.74		•	
20	5.39		z. 34		W 14 8 41	
30	4.49		1.34			
, ,	.,.,.	_				
Vs =	600 (ap-a).				
. 5	60×5 (4	15-1.31) <i>– 8</i>	'5Z	garanteer per les garantee	
10	60×10 (3.2					
15	60 × 15 (2.					* ************************************
ZO.	60×20 (2.3				and the same of th	-le
30	Box 30 (t	.76 -1.31	/ <u></u>	70	ENGINEER	Care .
					1771	SURVI
		~~	· ·	- 18	WARREN L.] \$
-			y - n name		DAKOTH DAKOT	
		P	OPEN 7	TS P		- C. 2011
700			1 = 201.5 =	: A.17'	MARKET C. P.	
		8	rim 92	above 3h ^{3/2} = 1.0	6 10 mos	
		Risa	7,04 % 2	71/ ± 4.7		<u></u>
	4 orifice		25	4" orifice	4=3.83	
Existing		1 20 11	7=		V3.83(2	9) = 15.7
Catch Basin		11	Plug	Q.=	1.37 cfs	,= 0,6 u.
12.5	18" RCP	<u></u>	-1.10	w n		-
21					a seem of theme on the	
18	" @1% Carries	.11+ cfs	a full			
			/-	,,~ ~ ~ ~	M. J	
1						