OAK VALLEY MDDP
BASIN RUNOFF CALCULATIONS

OAK VALLEY MDDP
(FULLY DEVELOPED FLOWS WITH DIVERSIONS)

VICINITY MAP
NOT TO SCALE

SUMMARY OF FUTURE STORM SEWER SYSTEM #1

1 - 10' D-10-R Catch Basin (At Douglas Creek)

1 - 20' D-10-R Catch Basin (At Douglas Creek)

Tie into Existing Channel (At Douglas Creek)

(Commencing at Outfall End and Proceeding Northerly)
2 - 45° Bends - 48" RCP
550 LF - 48" RCP, Class III
1 - Box Manhole
560 LF - 42" RCP, Class III
1 - Box Manhole - Junction with Future Storm Sewer System #2
1 - Bend - 45° RCP Lateral
1 - Street/Utility Crossing
560 LF - 42" RCP, Class III
1 - Box Manhole
560 LF - 42" RCP, Class III
Tie into Existing Catch Basin

SUMMARY OF FU
(Commencing at
#1 at Vindicator
Westerly)

Remove Existing
1 - Box Manhole
1 - Street Repai
240 LF - 42" RCP
1 - 30° Bend - 1
240 LF - 42" RCP
1 - 15° D-10-R C
45 LF - 36" RCP,
1 - 10° D-10-R C
380 LF - 30" RCP
1 - 6' D-10-R Ca
45 LF - 24" RCP,
1 - 6' D-10-R Ca

FUTURE STORM SEWER SYSTEM #2

1 Junction with Future Storm Sewer System #1 at Vindicator and Centennial and Proceeding Westerly)

ng Manhole
le
pairs
RCP, Class III
- 42" RCP
RCP, Class III
R Catch Basin
CP, Class III
R Catch Basin
RCP, Class III
Catch Basin
CP, Class III
Catch Basin

SUMMARY OF FUTURE STORM SEWER SYSTEM #3

(As Shown in Detail Below)

120' D-10-R Catch Basin
Connection to Channel
72' D-10-R Catch Basin
18" D-11 Catch Basin
50 LF - 36" RCP, Class III
Connection to Channel
Asphalt Repairs

SUMMARY OF FUTURE STORM SEWER SYSTEM #4

(Commencing at Northwest End of Lining of Douglas Creek and Proceeding Northerly)

Realign 300 LF Natural Channel
Remove 500 LF Trickle Channel
Connection to Channel
200 LF - 66" RCP, Class III
1 - Box Manhole
550 LF - 66" RCP, Class III
Replace 30° Concrete Chase With 36"
D-10-R Catch Basin
100 LF - 60" RCP, Class III
1 - Street/Utility Crossing
1 - Box Manhole - Junction
140 LF - 54" RCP, Class III
1 - 5' D-10-R Catch Basin
500 LF - 60" RCP, Class III
1 - Street/Utility Crossing
165' D-10-R Catch Basin

LEGEND

- BASIN DESIGNATION / AREA (ACRES)
- RUNOFF DIRECTION
- BASIN LIMITS
- EXISTING CATCH BASIN
- CATCH BASIN DESIGNATION
- EXISTING STORM SEWER
- FUTURE CATCH BASIN
- FUTURE STORM SEWER
- GUIDE FLAG
- DESIGN POINT

SCALE: 1" = 800'

* BASIS MAP IS CITY OF COLORADO SPRINGS FIVE MAP LOT TO BE USED OR COPIED FOR ANY OTHER PURPOSES THAN STATED IN THE PURCHASE / COPY RIGHT AGREEMENT.

GRAPHIC DETAIL OF INTERSECTION OF ALLEGHENY DR. WITH WHITE BUFFALO RD.

GRAPHIC DETAIL OF INTERSECTION OF ALLEGHENY DR. WITH CENTENNIAL BLVD.

NO.	REVISION	BY	DATE
1			
2			
3	UPDATED CURRENCY PHASE		8/31/05

OAK VALLEY
MASTER DEVELOPMENT DRAINAGE PLAN

DES BY: RCH | DRN BY: HS | CHK BY: JSD
SCALE: 1" = 800' | DATE: 10-19-05
JOB NO: 04408.00 | SHT 1 OF 1

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