APPROVED
Engineering Department
11/05/2020 5:34:43 PM
dsdnijkamp
EPC Planning & Community Development Department

NOTE
THE PROPOSED CHANNELS ARE LOCATED WITHIN A DEDICATED TRACT OWNED AND MAINTAINED BY THE GLENEAGLE HOA ALL CHANNELS ARE ACCESSIBLE VIA THE OPEN SPACE TRACT CONVEYED AND MAINTAINED BY THE GCA

AREA OF WORK

AREA OF SIDE SLOPE ENHANCE

DET BASIN B
Q100 IN=188 7 CFS
Q100 OUT=20 4 CFS
VOL=4 07 AF

DET BASIN C
Q100 IN=28 9 CFS
Q100 OUT=6 8 CFS
VOL=0 617 AF
105 SF FOREBAY
12" DEEP
ELEV = 6797 25

TRACT A
76.53 AC

TRACT F
0.01 AC

WESTCHESTER DRIVE

GLENEAGLE DR

455 LF - 2' CONC PAN

600 LF - SILT FENCE

400 LF - 2' CONC PAN

520 LF - 2' CONC PAN

266 LF - SILT FENCE

EXIST RIPRAP TO BE RECONSTRUCTED
WS" ROCK, 12" THICK, L=30' AND D=1 5'

EXIST RIPRAP TO BE RECONSTRUCTED

PROP SWALE L1 @ 1 3%

PROP SWALE L2 @ 1 5%

PROP SWALE J @ 1 8%

PROP REGRADING AREA

PROP OVERFLOW SPILLWAY

PROP SWALE

EXISTING GOLF COURSE STRUCTURE TO REMAIN

EXIST ACCESS ROAD

12' GRAVEL ACCESS ROAD

DRAINAGE EASEMENT AREA

PROP EASEMENT 10' PROP PROPERTY LINE

WATER WELL EASEMENT BK 5954 PG 778

WELL NO 80A

WATER MH

EXIST 6" RAW WATER LINE

(3) EXIST WATER VALVE

TYPE S HEADWALL
TOW EL 6782 05
BOW EL 6781 05
BOF EL 6780 55

TYP OUTLET STR OS-2
TOP EL 6799 17
INV EL 6796 50
PERM POOL EL 6794 00

138 0 LF 24" HDPE @ 1 5%
96 8 LF 24" HDPE @ 2 6%
11 4 LF 24" HDPE @ 1 5%
33 6 LF 24" HDPE @ 2 6%
30 LF 24" HDPE @ 6 5%
58 LF 24" HDPE @ 1 0%
IN DRAINAGE EASEMENT
173 38 LF 24" HDPE @ 2 6%

STA 2+85 79 12' LT
TYPE D-16 INLET
RIM=6812 36
INV IN=6806 88
INV OUT=6806 84
(SEE SHEET 9)

STA 2+85 79 12' RT
TYPE D-16 INLET
RIM=6812 36
INV IN=6807 13
INV OUT=6807 09
(SEE SHEET 9)

STA 1+85 00 TYPE D-16 INLET
RIM=6812 30
INV ELEV= 6806 84
INV OUT=6806 80

STA 1+65 00 TYPE D-16 INLET
RIM=6812 36
INV ELEV= 6807 13
INV OUT=6807 09

STA 2+85 00
INV ELEV 6807 50

24" RCP STM SEW
INV 24" 6806 50
INV 24" = 6806 50

PROP SAN SEW
245 LF 8" PVC @0 5%
RAD = 750'
Δ = 18 5

PROP SAN SEW
400 LF 8" PVC @0 5%
RAD = 750'
Δ = 30 9

PROP MH
RIM 6816 00
INV IN NE = 6802 42
EX INV IN NW = 6802 85
EX INV OUT = 6802 55

PROP MH
RIM 6816 20
INV OUT 6806 03

PROP HYD

36 LF 8" PVC WATER LINE

BEGIN CURB AND MATCH EXISTING

EXIST ELEV= 6807 50

INV 24" 6806 50

PROP WL

SCL

SF

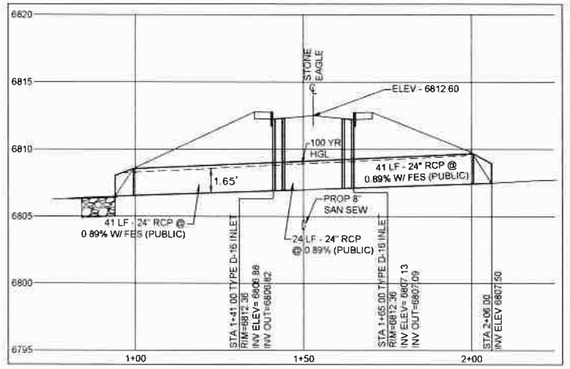
IP

TYP

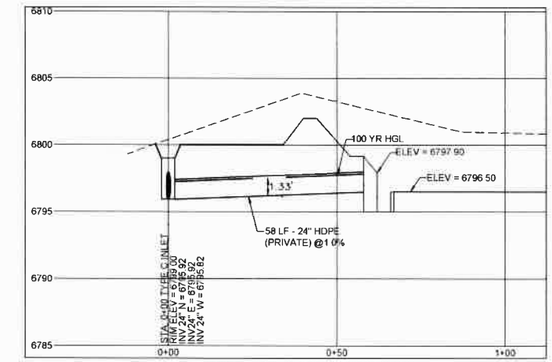
VTC

LOW

KEY MAP N.T.S.

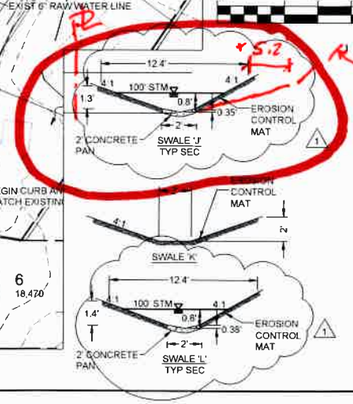


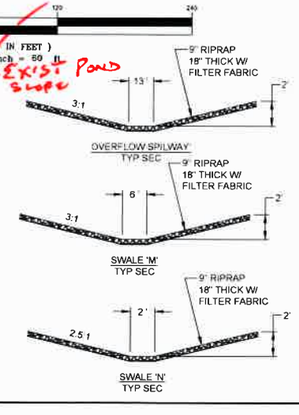
STONE EAGLE CULVERT PROFILE (PUBLIC)
SCALE HOR 1" = 20' - VERT 1" = 5'



DETENTION BASIN 'C' OUTLET PIPE PROFILE (PRIVATE)
SCALE HOR 1" = 20' - VERT 1" = 5'

GRAPHIC SCALE
(IN FEET)
1 inch = 60 ft





REVISION

	DESIGNED	DRAWN	CHECKED	DATE
1	MAB	HJG	MAB	8/04/20

1 REVISE DITCH SEC & GRADES, ADD 2 CONC PAN & REVISE SIDE SLOPES

RESPEC
2555 S COLORADO BLVD
SUITE 410S
DENVER, CO 80246
PHONE (303) 757-3655

STAMP

811 Know what's below. Call before you dig.

PROJ NO. 03524
DWG NM 03524-Dev-Fil2

GUMAN & ASSOCIATES, LLC
731 N. WEBER ST., SUITE 10
COLORADO SPRINGS, CO 80903

GLENEAGLE
SUBDIVISION FIL #2

DRAINAGE, GRADING & EROSION CONTROL PLAN

DRAWING NUMBER:
C
SHEET 2

VR-18-018

NAME: M:\LAND PROJECTS\2018\03524-GLENEAGLE FIL 2\CAD\SHEETS\03524 DITCH-GRAD DWG
PLOT DATE: November 5, 2020 6 28 AM BY: MICHAEL (MIKE) BARTUSEK