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

WESTCHESTER DRIVE

WATER WELL EASEMENT BK. 5954, PG. 778

WELL NO. 6DA

WATER MH

400 LF - 2' CONC PAN

PROP SWALE L2 @ 1.5%

PROP SWALE L

EXIST RIPRAP TO BE RECONSTRUCTED W/6" ROCK, 12" THICK, L=30' AND D=1.5'

465 LF - 2' CONC PAN

600 LF - SILT FENCE

PROP SWALE L1 @ 1.3%

EXIST RIPRAP TO BE RECONSTRUCTED

38 LF-8" PVC WATERLINE

PROP HYD

PROP NH
RIM 6816.20
INV OUT 6806.03

PROP REGRADING AREA

PROP SWALE J'

PROP SAN SEW
400 LF 8" PVC @0.6%
RAD = 750'
Δ = 30.6

PROP EASEMENT
PROP PROPERTY LINE

STA 3+85.79, 12' RT
TYPE D-16 INLET
RIM=6812.36
INV IN=6807.13
INV OUT=6807.09
(SEE SHEET 4)

STONE EAGLE PL

520 LF - 2' CONC PAN

PROP SWALE J @ 0.8%

6" RAW WATER LINE

EXIST ACCESS ROAD

EXIST. ELEV = 6807.50

INV 24" 6807.90

PROP SAN SEW SLEEVE AT REUSE LINE CROSSING

PROP MH
RIM=6813.16
INV IN 6803.74
INV OUT 6803.64

PROP SAN SEW
246 LF 8" PVC @0.5%
RAD = 750'
Δ = 18.8

GLENEAGLE DR.

PROP MH
RIM = 6816.00'
INV IN NE = 6802.40'
EX INV IN NW = 6802.65
EX INV OUT = 6802.35'

(3) EXIST WATER VALVE

EXIST 6" RAW WATER LINE

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=0.817 AF

105 SF FOREBAY
12" DEEP
ELEV = 6797.25

24" RCP STM SEW
INV 24" 6806.50
INV 24" = 6806.50

PROP SWALE K'

STA 3+85.79, 12' LT
TYPE D-16 INLET
RIM=6812.36
INV IN=6806.88
INV OUT=6806.84
(SEE SHEET 4)

PROP WL

EXISTING GOLF COURSE STRUCTURE TO REMAIN

266 LF - SILT FENCE

TRACT A
76.53 AC

DRAINAGE EASEMENT AREA

12' GRAVEL ACCESS ROAD

PROP OVERFLOW 'SPILLWAY'

PROP SWALE

TRACT F
0.01 AC

TYPE S HEADWALL
TOW EL 6782.05
BOW EL 6781.05
BOF EL 6780.55

BEND

GRADE BREAK

STA 1+35

300 LF - SILT FENCE

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%

20 LF 24" HDPE @ 6.5%

58 LF 24" HDPE @ 1.0%

15' DRAINAGE EASEMENT

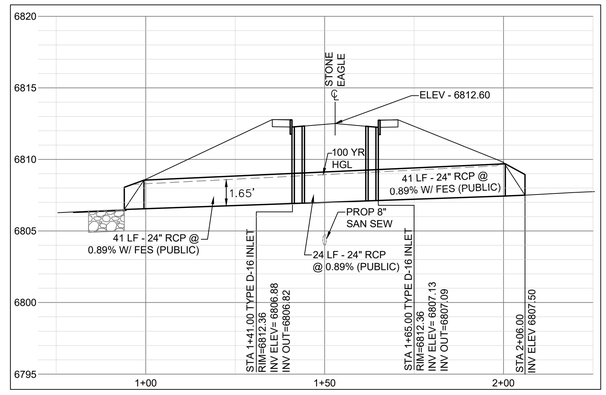
178.38 LF 24" HDPE @ 2.6%

TYP OUTLET STR OS-2
TOP EL 6799.17
INV EL 6796.50
PERM POOL EL 6794.00

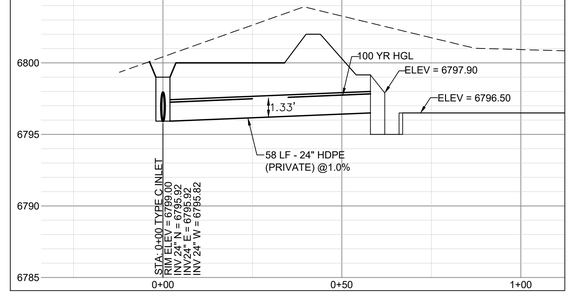
BEGIN CURB AN
MATCH EXISTIN

GLENEAGLE DR.

KEY MAP N.T.S.

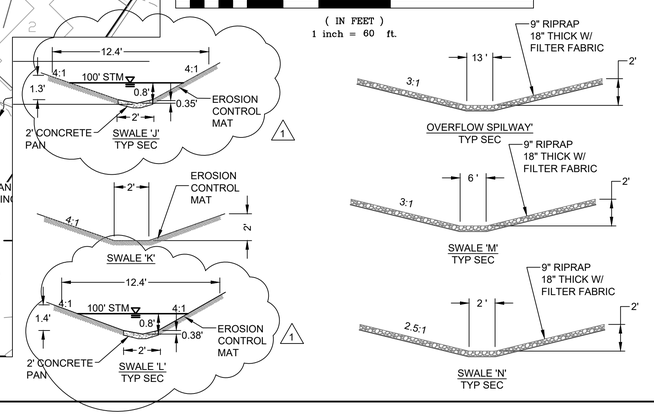


STONE EAGLE CULVERT PROFILE (PUBLIC)
SCALE: HOR, 1" = 20' - VERT, 1" = 5'



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

GRAPHIC SCALE
60 0 30 60 120 240
(IN FEET)
1 inch = 60 ft.



APPROVED
Engineering Department
09/30/2020 7:07:22 AM
dsdnijkamp
EPC Planning & Community Development Department

EPC CDR 20-009
VR-18-018

		REVISION
DESIGNED	MAB	
DRAWN	HJG	
CHECKED	MAB	
DATE	6/04/20	

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

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

STAMP

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

NAME: M:\LAND PROJECTS\2018\03524-GLENEAGLE FIL 2\CAD\SHEETS\03524 DITCH-GRAD.DWG
PLOT DATE: September 30, 2020 6:27 AM, BY: MICHAEL (MIKE) BARTUSEK