EXISTING INDEX CONTOUR (10 FT)
EXISTING CONTOUR (2 FT)
ZONE BOUNDARY
SUBMAIN
FLUSHMAIN
SELECTED TAPE LATERAL FOR PROFILE
FLUSH RISER
AV RISER

Alignment - (MAINLINE_PH2)
STA=15+26
VALVESTATION
(4) 2" NELSON 1000
PRESSURE REDUCING
OR EQUIVALENT
AND TWIG 4

VALVE STATION
3" NELSON 1000 PRESSURE
REDUCING OR EQUIV
REPLACE TWIG-2 WITH TWIG 4
AND RELOCATE EXISTING TO
NEW ZONE

Alignment - (MAINLINE_PH2)
STA=17+66
VALVESTATION
(2) 2" NELSON 1000
PRESSURE REDUCING
OR EQUIVALENT
AND TWIG 2

MAINLINE 770' 8" 80 PSI PIP

ZONE 12
2.3 ACRES
320 GPM IRRIGATING
320/299/323 GPM FLUSHING
132 TAPES ON 30" CENTERS
EAFC5151234

ZONE 1
2.36 ACRES
193 GPM IRRIGATING
405 GPM FLUSHING WEST HALF
438 GPM FLUSHING EAST HALF
69 TAPES ON 30" CENTERS
EAFC7151234

ZONE 1 SUBMAIN
1020' 6" 80 PSI PIP

ZONE 2
3.48 ACRES
217 GPM IRRIGATING
375 GPM FLUSHING
47 TAPES ON 30" CENTERS
EAFC7151234

ZONE 3
3.86 ACRES
243 GPM IRRIGATING
331 GPM FLUSHING
41 TAPES ON 30" CENTERS
EAFC7151234

ZONE 4
3.86 ACRES
243 GPM IRRIGATING
323 GPM FLUSHING
41 TAPES ON 30" CENTERS
EAFC7151234

ZONE 5
3.95 ACRES
242 GPM IRRIGATING
329 GPM FLUSHING
41 TAPES ON 30" CENTERS
EAFC7151234

ZONE 6
3.80 ACRES
247 GPM IRRIGATING
344 GPM FLUSHING
43 TAPES ON 30" CENTERS
EAFC7151234

ZONE 7
3.76 ACRES
243 GPM IRRIGATING
360 GPM FLUSHING
45 TAPES ON 30" CENTERS
EAFC7151234

ZONE 8
3.66 ACRES
241 GPM IRRIGATING
354 GPM FLUSHING
48 TAPES ON 30" CENTERS
EAFC7151234

ZONE 9
3.48 ACRES
266 GPM IRRIGATING
512 GPM FLUSHING
73 TAPES ON 30" CENTERS
EAFC7151234

ZONE 10
3.19 ACRES
232 GPM IRRIGATING
453 GPM FLUSHING WEST HALF
421 GPM FLUSHING EAST HALF
85 TAPES ON 30" CENTERS
EAFC7151234

OUT AREA
5.17 ACRES

ZONE 18
2.2 ACRES
141 GPM IRRIGATING
220 GPM FLUSHING
59 TAPES ON 30" CENTERS
EAFC5151234

ZONE 17
5.4 ACRES
344 GPM IRRIGATING
372/398 GPM FLUSHING
64 TAPES ON 30" CENTERS
EAFC7151234

ZONE 16
2.9 ACRES
189 GPM IRRIGATING
270 GPM FLUSHING
33 TAPES ON 30" CENTERS
EAFC7151234

ZONE 15
3.1 ACRES
191 GPM IRRIGATING
270 GPM FLUSHING
33 TAPES ON 30" CENTERS
EAFC7151234

ZONE 14
3.0 ACRES
187 GPM IRRIGATING
264 GPM FLUSHING
32 TAPES ON 30" CENTERS
EAFC7151234

ZONE 13
3.1 ACRES
189 GPM IRRIGATING
265 GPM FLUSHING
33 TAPES ON 30" CENTERS
EAFC7151234

ZONE 12
2.3 ACRES
320 GPM IRRIGATING
320/299/323 GPM FLUSHING
132 TAPES ON 30" CENTERS
EAFC5151234

ZONE 18 SUBMAIN
310' 4" SDR41

ZONE 17 SUBMAIN
100' 6" 80 PSI PIP
60' 4" SDR41

ZONE 16 SUBMAIN
170' OF 4"
SDR41

ZONE 15 SUBMAIN
85' OF 4"
SDR41

ZONE 14 SUBMAIN
85' OF 4"
SDR41

ZONE 13 SUBMAIN
170' OF 4"
SDR41

ZONE 12 SUBMAIN
360' 4" SDR41

ZONE 2 SUBMAIN
40' 6" 80 PSI PIP
90' 4" SDR41

ZONE 3 SUBMAIN
40' 6" 80 PSI PIP
65' 4" SDR41

ZONE 4 SUBMAIN
40' 6" 80 PSI PIP
65' 4" SDR41

ZONE 5 SUBMAIN
40' 6" 80 PSI PIP
65' 4" SDR41

ZONE 6 SUBMAIN
40' 6" 80 PSI PIP
70' 4" SDR41

ZONE 7 SUBMAIN
40' 6" 80 PSI PIP
75' 4" SDR41

ZONE 8 SUBMAIN
40' 6" 80 PSI PIP
83' 4" SDR41

ZONE 9 SUBMAIN
100' 6" 80 PSI PIP
70' 4" SDR41

ZONE 10 SUBMAIN
100' 6" 80 PSI PIP
120' 4" SDR41

ZONE 11 SUBMAIN
570' 6" 80 PSI PIP
175' 4" SDR41

MAINLINE 1,490'
8" 80 PSI PIP

EXISTING GRAVITY LINE
1,860 10" 80 PSI PIP
375' 4" SDR 41 PVC

ZONE 18 TAPE 1, 629FT
ZONE 18 TAPE 59, 629FT
ZONE 17 TAPE 60, 1483FT
ZONE 17 TAPE 101, 1479FT
ZONE 17 TAPE 123, 1477FT
Z16 T 124, 1547FT
Z16 T157/Z15 T158, 1560FT
Z15 T191/Z14 T192, 1573FT
Z14 T224/Z13 T225, 1585FT
ZONE 13 TAPE 257, 1598FT
ZONE 12 TAPE 258, 359FT
ZONE 12 TAPE 313, 382FT
ZONE 12 TAPE 355, 340FT
ZONE 12 TAPE 397, 348FT
ZONE 11 TAPE 156, 308FT
ZONE 11 TAPE 108, 455FT
ZONE 11 TAPE 54, 455FT
ZONE 11 TAPE 1, 455FT

Alignment - (FLUSH_12)
STA=10+00
START PIPELINE

Alignment - (FLUSH_12)
STA=11+43
(2) 3" FLUSHRISERS

Alignment - (FLUSH_12)
STA=12+65
START PIPELINE

Alignment - (FLUSH_12)
STA=13+70
3" FLUSHRISER

Alignment - (FLUSH_18)
STA=10+00
START PIPELINE

Alignment - (FLUSH_18)
STA=11+49
3" FLUSHRISER

Alignment - (FLUSH_13-17S)
STA=13+92
3" FLUSHRISER

Alignment - (FLUSH_13-17S)
STA=13+35
START PIPELINE

Alignment - (FLUSH_13-17S)
STA=12+52
(2) 3" FLUSHRISERS

Alignment - (FLUSH_13-17S)
STA=11+67
START PIPELINE

Alignment - (FLUSH_13-17S)
STA=10+85
(2) 3" FLUSHRISERS

Alignment - (FLUSH_13-17S)
STA=10+00
START PIPELINE

VALVE STATION
3" NELSON 1000 PRESSURE
REDUCING OR EQUIV
AND TWIG 2

POND

150' 4" SDR 41 PVC
392' 4" SDR 41 PVC
100' 4" SDR 41 PVC
456' 4" SDR 41 PVC
570' 4" SDR 41 PVC
290' 4" SDR 41 PVC
315' 4" SDR 41 PVC

AS-BUILT
6/20/2018

0 100' 200'

Date
Designed TRAVIS HERTNEKY 4/4/2018
Drawn TRAVIS HERTNEKY 4/4/2018
Revised
Revised

ROB JOHNSON
PROPOSED SDI
PARTS OF THE SW 1/4 SEC 5, T 6N, R 65W, OF THE 6TH P.M., WELD COUNTY COLORADO

TITE ENGINEERING, LLC
8605 17th St Dr, Greeley, CO 719-661-6209

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File Name: JOHNSON_P-3B.DWG
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D:\Dropbox\Projects\High Pipes_Irrigation\Rob_Johnson\AUTOCAD_JOHNSON_P-3b.dwg 06/20/2018 Travis_3_DN