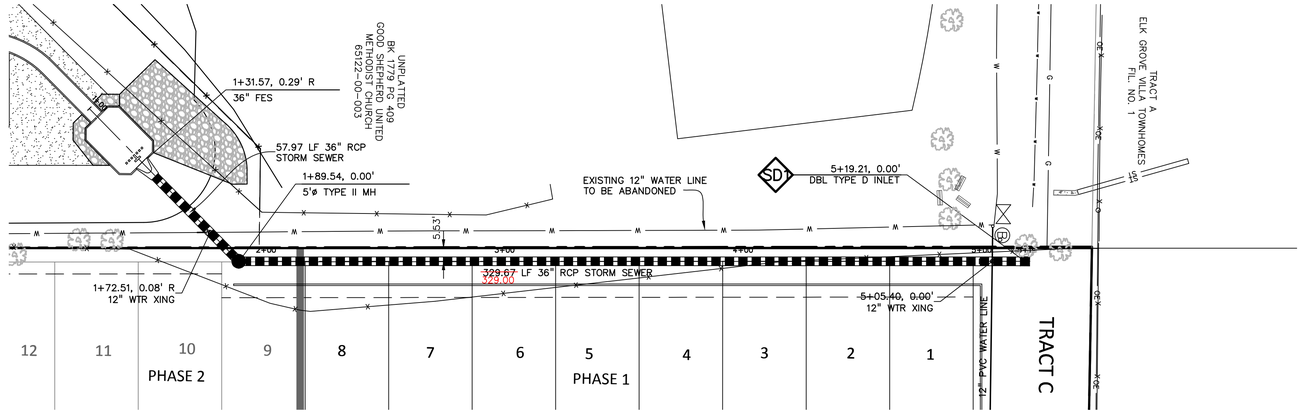
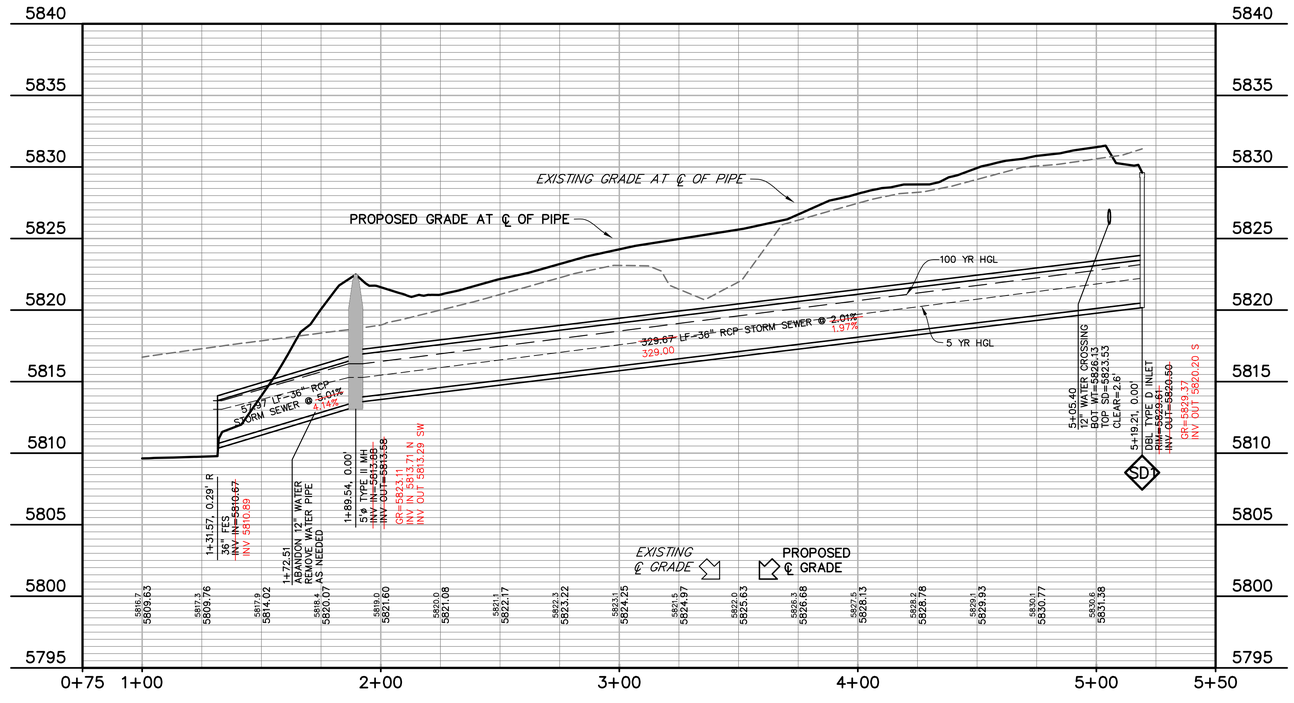
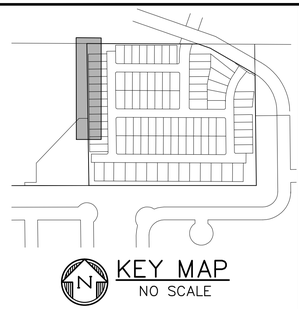
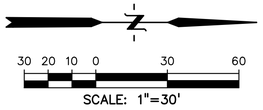








NOTE:
ALL STORM SEWER TO BE PRIVATE CLASS III RCP UNLESS OTHERWISE NOTED.

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

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ASBUILT
9/29/25

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03SD01

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

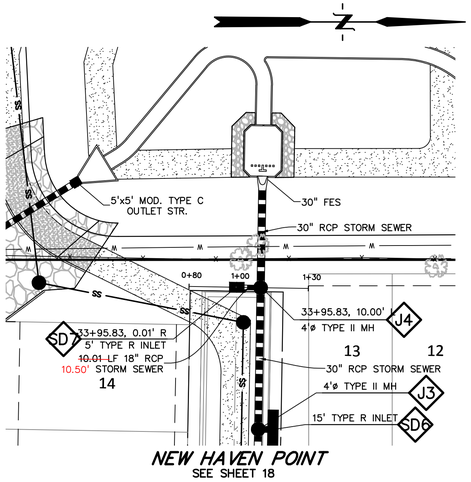
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

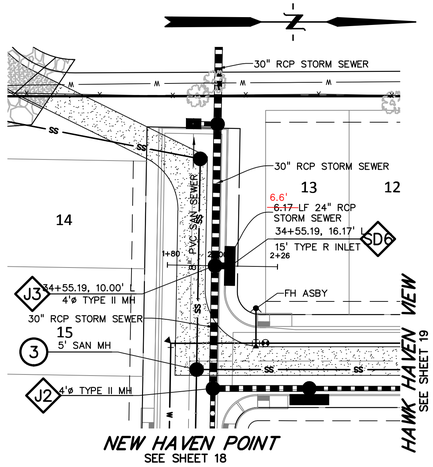
WEST STORM SEWER
PLAN & PROFILE

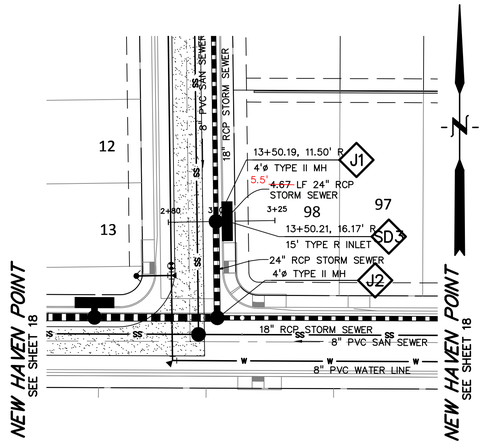
PROJECT NO. 21085-05CSCV

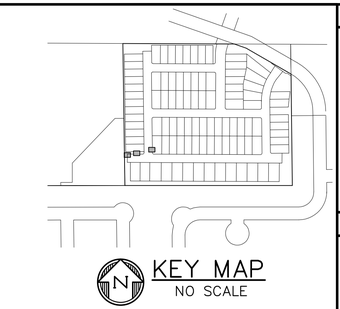
DRAWING NO.

SD01







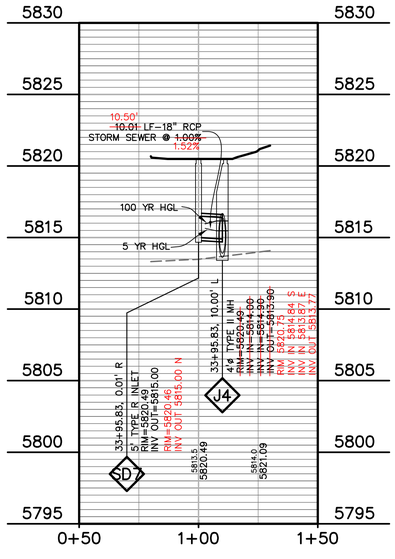


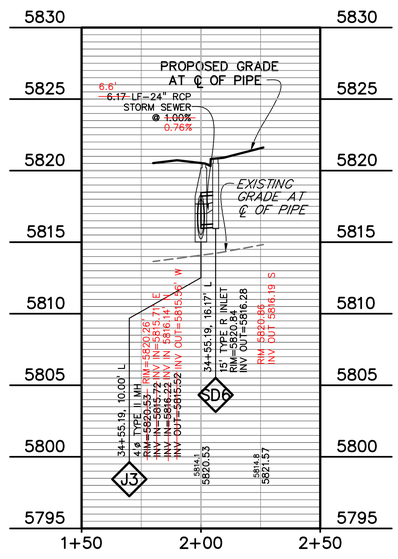
30 20 10 0 30 60

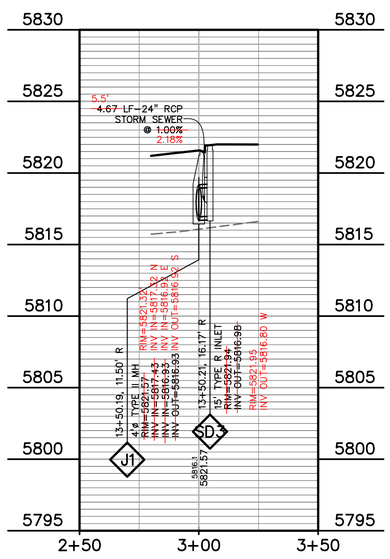
SCALE: 1"=30'

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

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.







NOTE:
ALL STORM SEWER TO BE PRIVATE CLASS III RCP UNLESS OTHERWISE NOTED.

ASBUILT
9/29/25

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD./ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03SD02

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

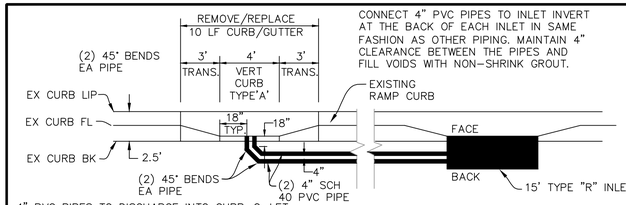
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

LATERALS
STORM SEWER
PLAN & PROFILE

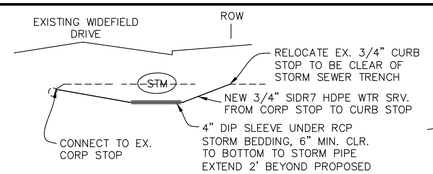
PROJECT NO. 21085-05CSCV

DRAWING NO.

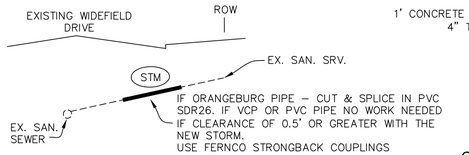
SD02



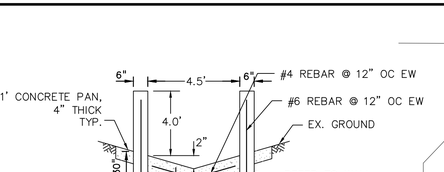
DETAIL "A"
NOT TO SCALE



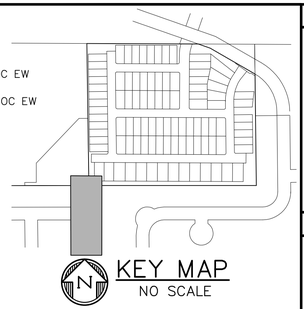
WATER SERVICE RELOCATION



SANITARY SERVICE CROSSING
IF LESS THAN 18" CLEARANCE FOUND

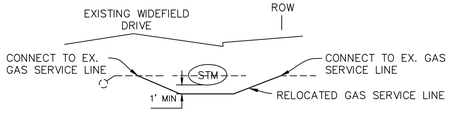


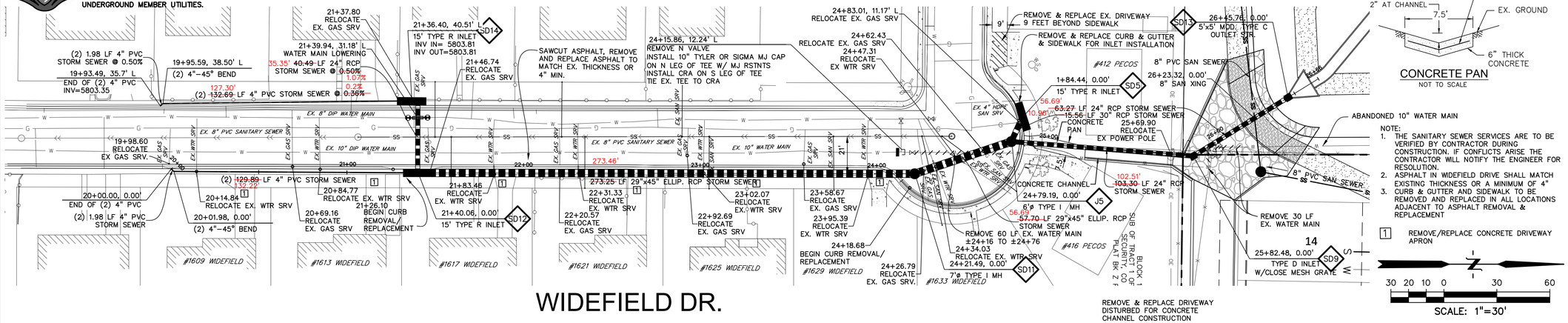
CONCRETE OVERFLOW CHANNEL
NOT TO SCALE

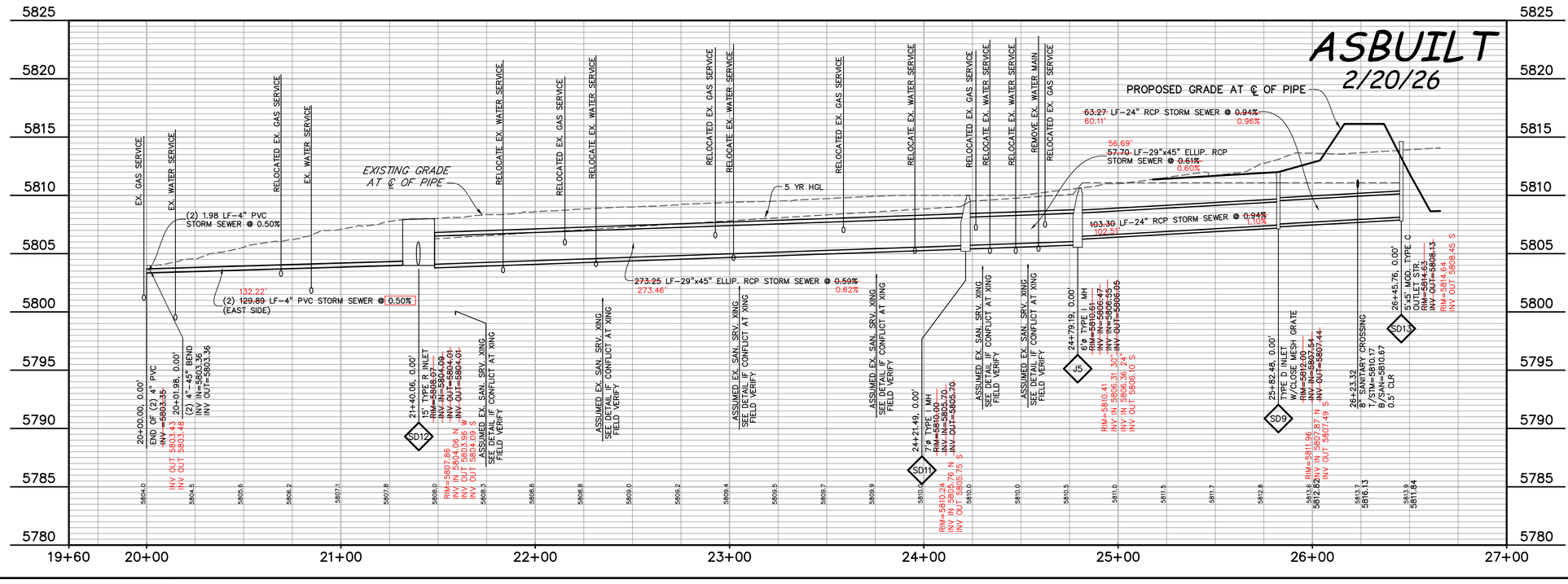




GAS SERVICE RELOCATION







PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	1/12/26

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03SD03

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

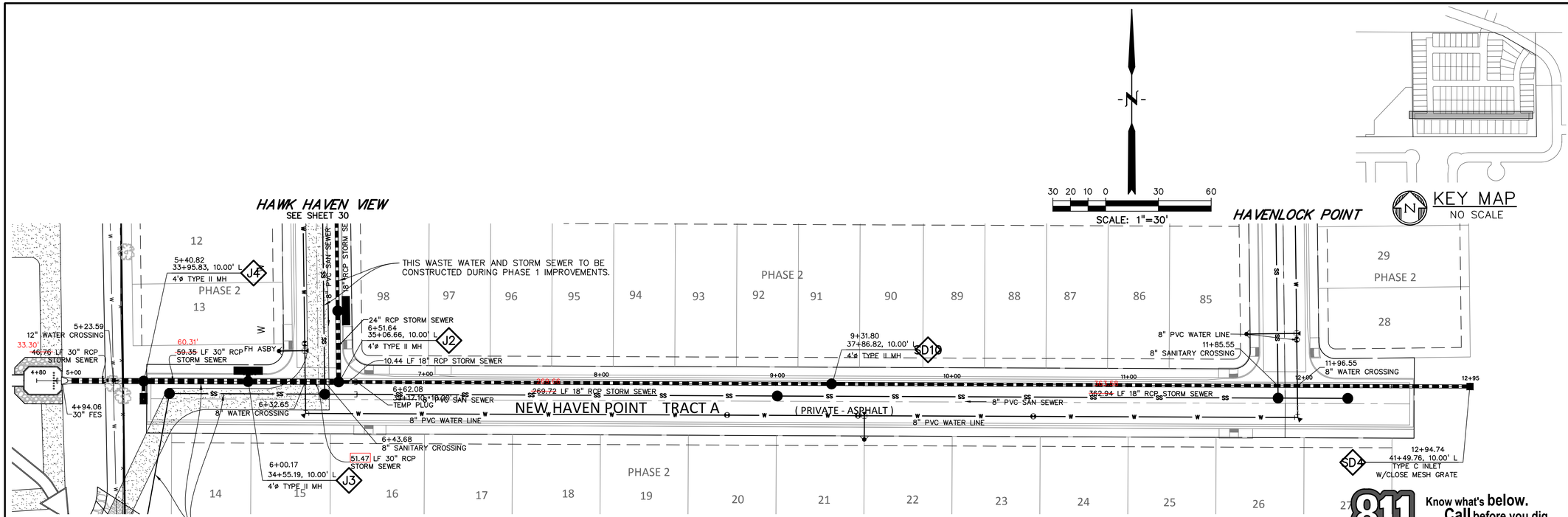
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

STORM SEWER OUTFALL PLAN & PROFILE

PROJECT NO. 21085-05CSCV
DRAWING NO.

SD03

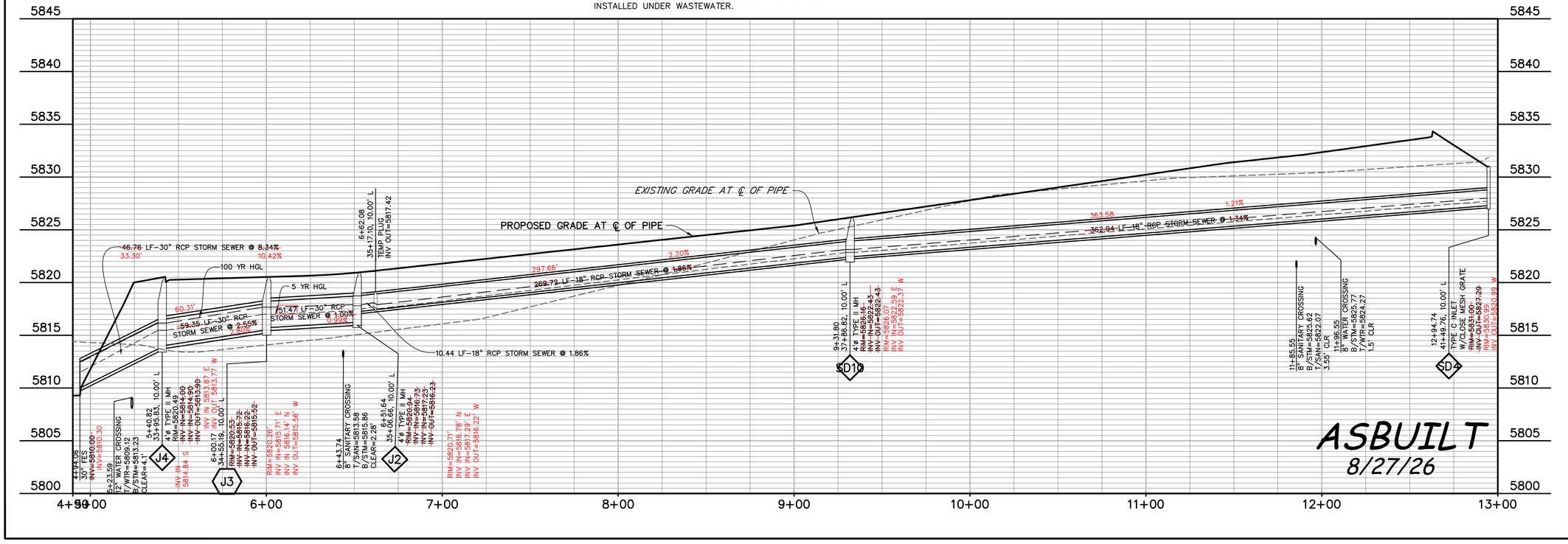
SHEET: 28 OF 53



NOTES:
1. ALL WATER AND WASTEWATER SERVICES ARE TO BE INSTALLED UNDER THE STORM SEWER.
2. WATER SERVICES ARE TO BE INSTALLED OVER THE TOP OF WASTEWATER OR SLEEVED IF THEY HAVE TO BE INSTALLED UNDER WASTEWATER.

NOTE:
ALL STORM SEWER TO BE PRIVATE CLASS III RCP UNLESS OTHERWISE NOTED.

Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



PREPARED BY:
DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
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COLORADO SPRINGS • LAFAYETTE

CLIENT:
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8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	7/16/25
REV #1	9/17/25
AS-BUILTS	8/27/26

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03SD04

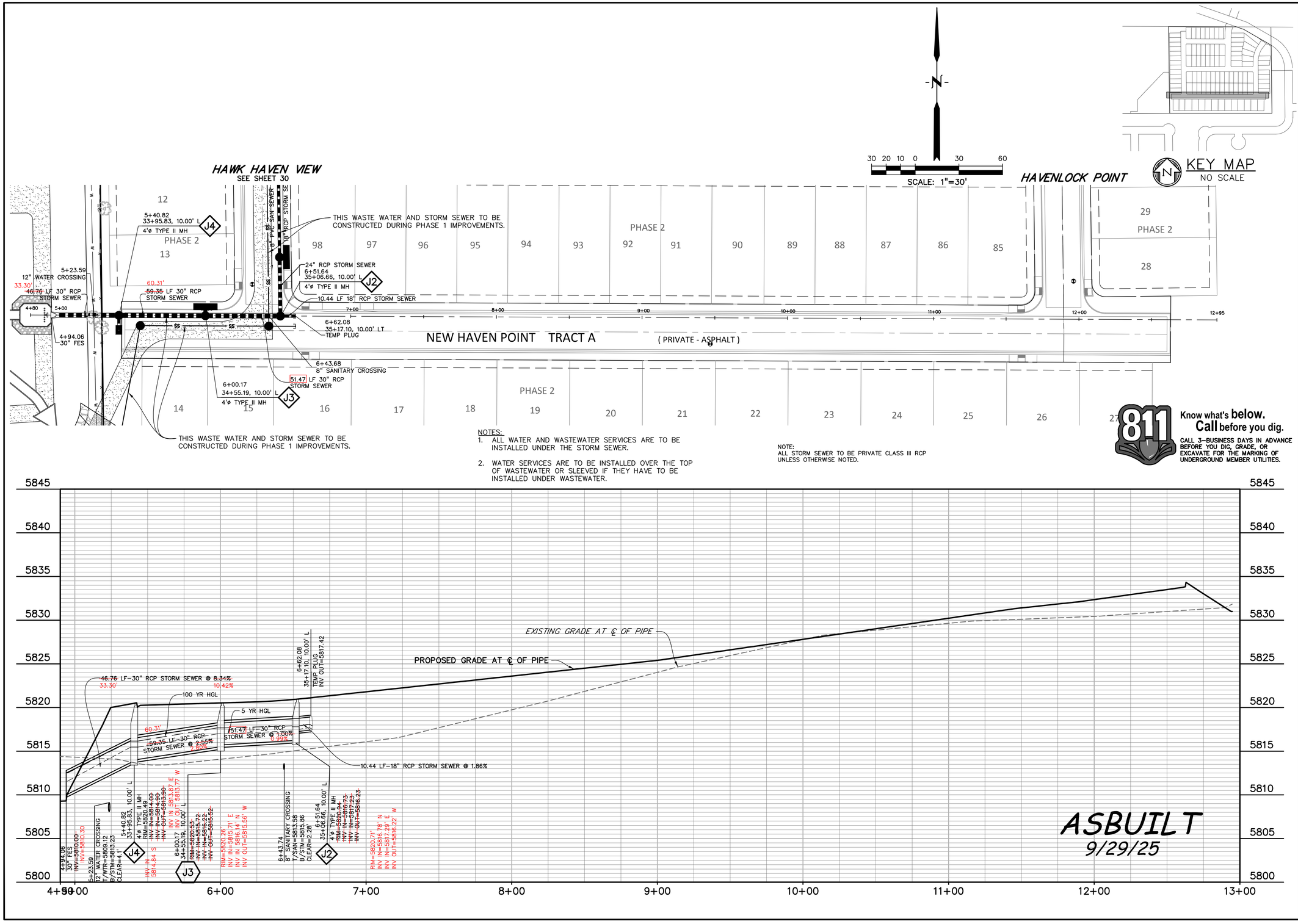
COLORADO REGISTERED P.E. 37868 TIMOTHY D. McCONNELL 3/24/25 PROFESSIONAL ENGINEER

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

STORM SEWER PLAN & PROFILE

PROJECT NO. 21085-03CSCV
DRAWING NO.
SD04



NOTES:

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2. WATER SERVICES ARE TO BE INSTALLED OVER THE TOP OF WASTEWATER OR SLEEVED IF THEY HAVE TO BE INSTALLED UNDER WASTEWATER.

NOTE:
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811 Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03SD04

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

STORM SEWER PLAN & PROFILE

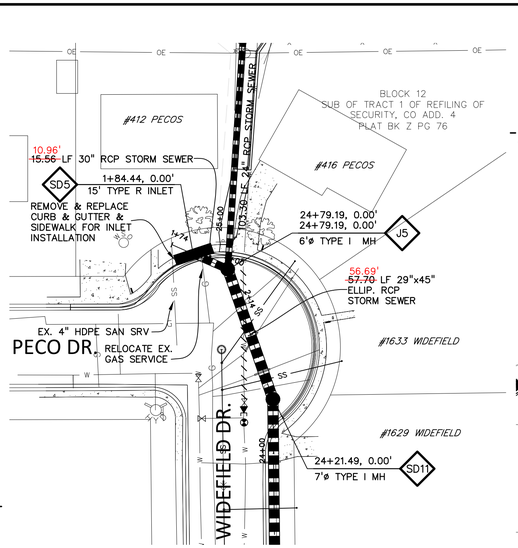
PROJECT NO. 21085-05CSCV

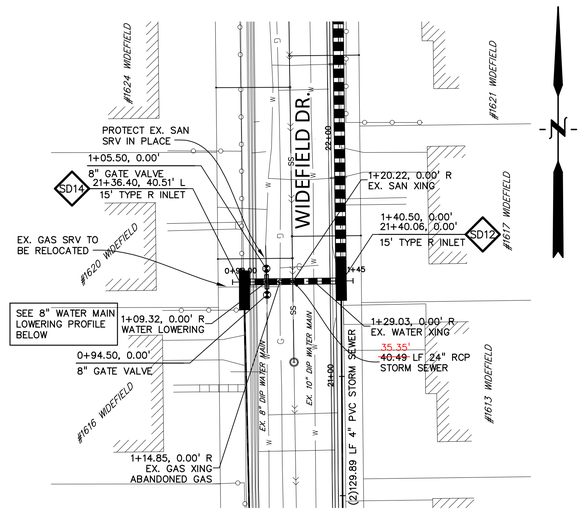
DRAWING NO.

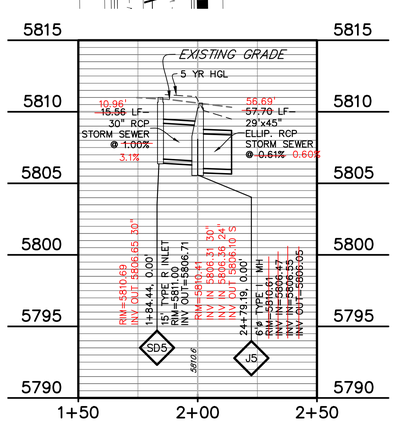
SD04

SHEET: 29 OF 53

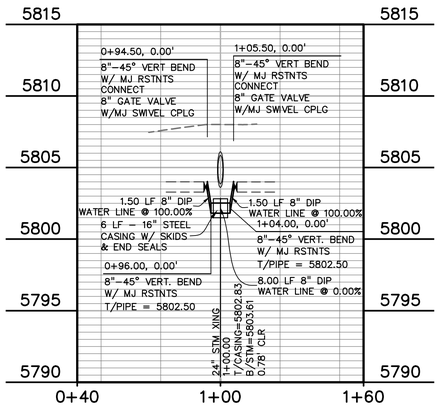
811 Know what's below. Call before you dig.
CALL 3–BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



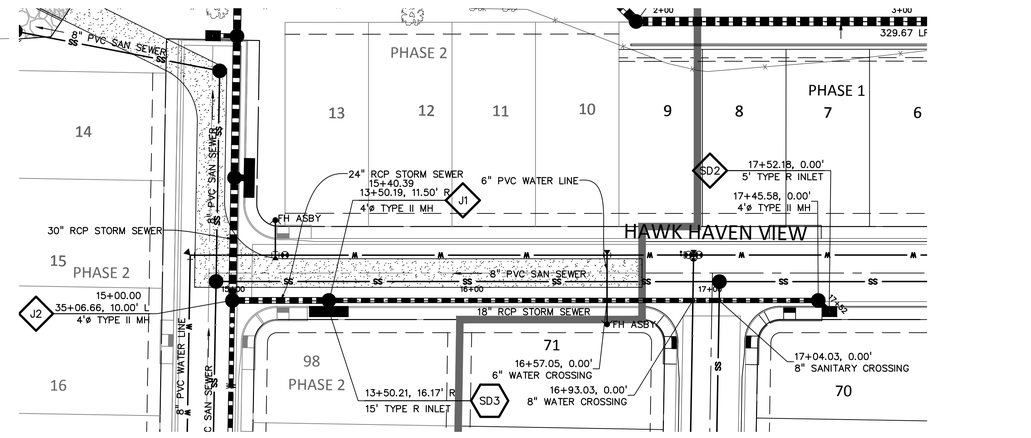




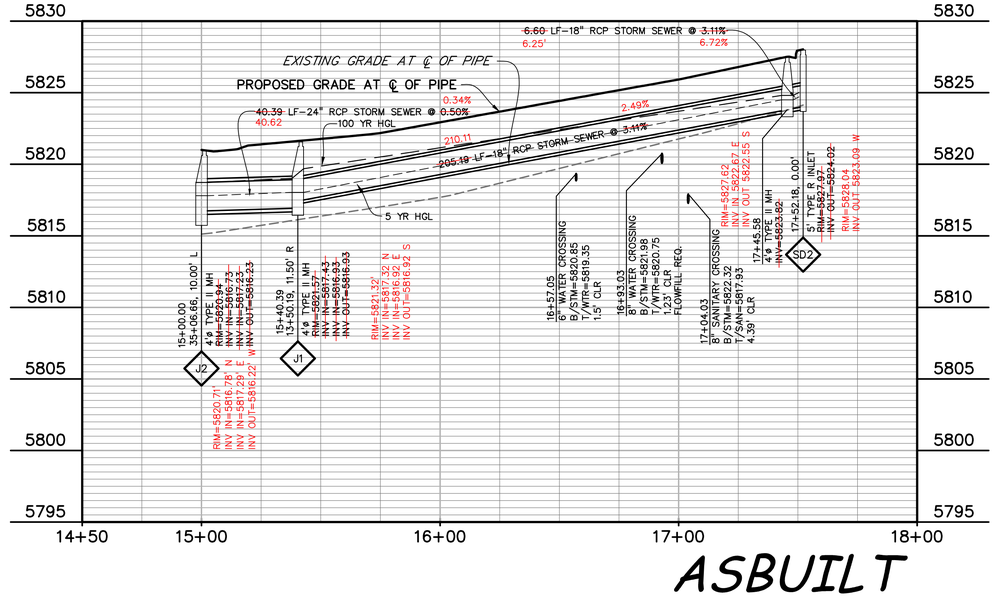
24" STORM SEWER



8" WATER MAIN LOWERING



NOTE:
ALL STORM SEWER TO BE PRIVATE CLASS III RCP UNLESS OTHERWISE NOTED.



ASBUILT
2/20/26

PREPARED BY:
DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
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COLORADO SPRINGS • LAFAYETTE

CLIENT:

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8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598–5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS–BUILTS	1/12/26

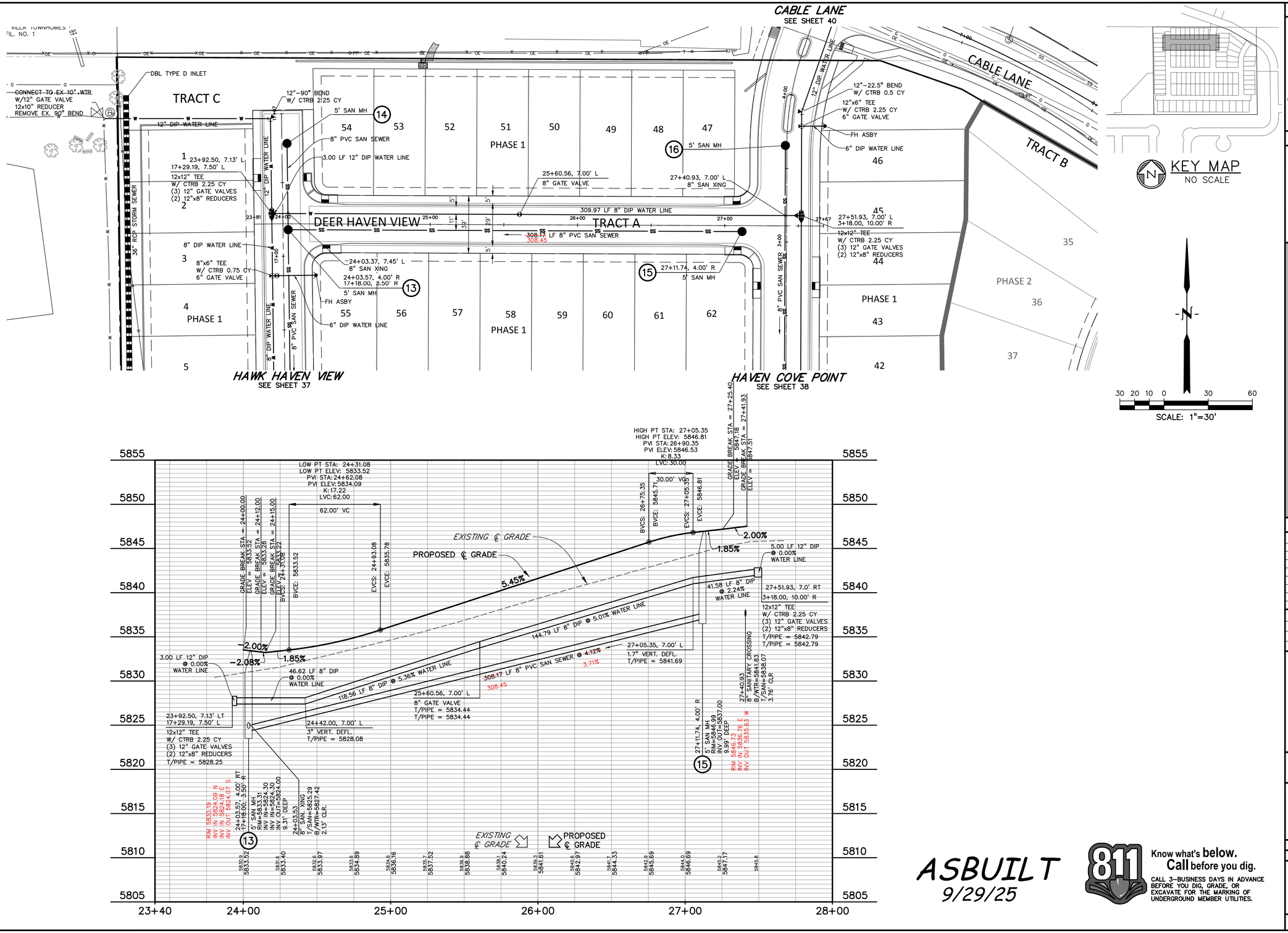
DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085–03SD05

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

STORM SEWER PLAN & PROFILE

PROJECT NO. 21085–05CSCV
DRAWING NO.
SD05
SHEET: 30 OF 53



ASBUILT
9/29/25

811 Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
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8605 EXPLORER DRIVE, #250
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AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT01

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

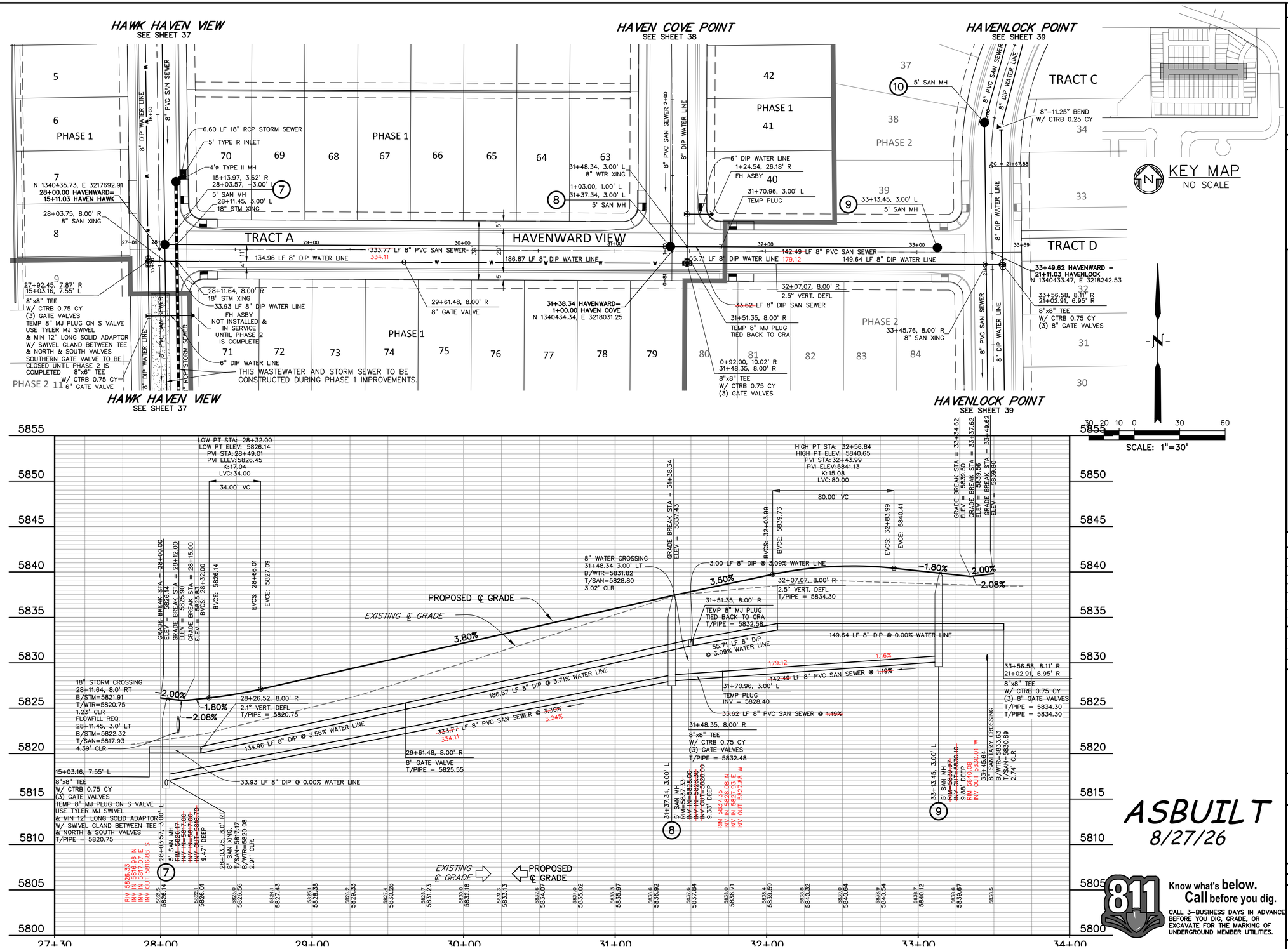
DEERHAVEN VIEW WATER & SAN. PLAN & PROFILE

PROJECT NO. 21085-05CSCV

DRAWING NO.

UT01

SHEET: 34 OF 53



ASBUILT
8/27/26

811 Know what's **below.** **Call** before you dig.
CALL 3–BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
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COLORADO SPRINGS • LAFAYETTE

CLIENT:

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8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598–5192
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AS–BUILT DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	7/16/25
REV #1	9/17/25
AS–BUILTS	8/27/26

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085–03UT02

COLORADO REGISTERED S0757 PROFESSIONAL ENGINEER 3/24/25

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

HAVENWARD VIEW
WATER & SAN.
PLAN & PROFILE

PROJECT NO. 21085–03CSCV

DRAWING NO.

UT02

SHEET: 35 OF 53

HAWK HAVEN VIEW
SEE SHEET 37

HAVENLOCK POINT
SEE SHEET 39

PHASE 1

PHASE 2

THIS WASTEWATER AND STORM SEWER TO BE CONSTRUCTED DURING PHASE 1 IMPROVEMENTS.

THIS WASTE WATER AND STORM SEWER TO BE CONSTRUCTED DURING PHASE 1 IMPROVEMENTS.

NEW HAVEN POINT TRACT A

34+87.79, 3.00' L
8" WATER CROSSING

FH ASBY

SD6
34+55.19, 16.17' L
15' TYPE R INLET

6.17 LF 24" RCP STORM SEWER

4'ø TYPE II MH

24" RCP STORM SEWER

15' TYPE R INLET

24" RCP STORM SEWER

8"x6" TEE
W/ CTRB 0.75 CY
8" GATE VALVE (N)
6" GATE VALVE

35+06.66, 10.00' L

4'ø TYPE II MH

35+17.10, 3.00' L

TEMP PLUG

J3
34+55.19, 10.00' L
4'ø TYPE II MH

59.35 LF 30" RCP STORM SEWER

J2

4
37+56.01, 3.00' L
5' SAN MH

37+86.82, 10.00' L
4'ø TYPE II MH

SD10

6" DIP WATER LINE

8"x6" TEE
W/ CTRB 0.75 CY
8" GATE VALVE (S)
6" GATE VALVE

FH ASBY

40+44.73 NEW HAVEN PT.=
19+00.00 HAVENLOCK PT.
N 1340222.46, E 3218245.04

40+51.68, 3.00' L
8" WTR XING

269.72 LF 18" RCP STORM SEWER

362.94 LF 18" RCP STORM SEWER

46.76 LF 30" RCP STORM SEWER

88.31 LF 8" PVC SAN SEWER
88.76

238.91 LF 8" PVC SAN SEWER
257.50

284.67 LF 8" PVC SAN SEWER
264.43

239.52 LF 8" DIP WATER LINE

18.28 LF 8" PVC SAN SEWER @ 0.86%

78.02 LF 8" DIP WATER LINE

96.00 LF 8" DIP WATER LINE

150.32 LF 8" DIP WATER LINE

34+10.51, 3.00' L
5' SAN MH

2

33+95.83, 10.00' L
4'ø TYPE II MH

J4

34+98.82, 3.00' L
5' SAN MH

3

34+95.33 MAXMAN=
13+00.00 DUTY
N 1340224.71, E 3217695.65

12+92.00, 7.34' L
8"-90° BEND
W/ CTRB 0.75 CY

51.47 LF 30" RCP STORM SEWER

10.01 LF 18" RCP STORM SEWER

33+95.83, 0.01' R
5' TYPE R INLET

SD7

37+27.51, 8.00' R
8" GATE VALVE

13.50 LF 6" DIP WATER LINE

38+05.54, 8.00' R
8"x6" TEE
W/ CTRB 0.75 CY
8" GATE VALVE (W)
6" GATE VALVE

38+05.54, 21.50' R

FH ASBY

39+01.54, 8.00' R
8" GATE VALVE

5
40+40.68, 3.00' L
5' SAN MH

6
40+80.29, 3.00' L
5' SAN MH

39.61 LF 8" PVC SAN SEWER
40.34

40+51.86, 8.00' R
8"-90° BEND
W/ CTRB 0.75 CY

811 Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

KEY MAP
NO SCALE

SCALE: 1"=30'

LOW PT STA: 34+75.33
LOW PT ELEV: 5820.83
PVI STA: 34+95.33
PVI ELEV: 5820.93
K=30.77
LVC: 40.00
40.00' VC

BVCS: 34+75.33
BVCE: 5820.83
EVCS: 35+15.33
EVCE: 5821.29

GRADE BREAK STA = 34+00.00
ELEV = 5820.45

GRADE BREAK STA = 37+56.01
ELEV = 5825.62

GRADE BREAK STA = 40+44.73
ELEV = 5832.32

GRADE BREAK STA = 41+15.54
ELEV = 5833.95

0.50%
2.41%
1.80%
2.31%

EXISTING ℄ GRADE
PROPOSED ℄ GRADE

PUBLIC 239.5 LF 8" DIP @ 1.75% WATER LINE
PUBLIC 78.02 LF 8" DIP @ 2.19% WATER LINE
PUBLIC 96.0 LF 8" DIP @ 2.41% WATER LINE
PUBLIC 150.3 LF 8" DIP @ 2.23% WATER LINE

34+87.99, 8.00' R
12+92.00, 7.34' L
8"-90° BEND
W/ CTRB 0.75 CY
T/PIPE = 5815.76

34+87.99, 3.00'
8" WATER XING
T/SAN=5813.10
B/WTR=5815.09
1.99' CLEAR

35+17.10, 3.00' L
TEMP PLUG
INV = 5812.94

88.31 LF 8" PVC SAN SEWER @ 0.50%
0.65%
88.76

16.28 LF 8" PVC SAN SEWER @ 0.86%

238.91 LF 8" PVC SAN SEWER @ 0.86%
0.96%
257.50

37+27.51, 8.00' R
8" GATE VALVE
T/PIPE = 5819.95

284.67 LF 8" PVC SAN SEWER @ 2.00%
1.91%
264.43

38+05.54, 8.00' R
8"X6" TEE
W/ CTRB 0.75 CY
8" GATE VALVE (W)
6" GATE VALVE
T/PIPE = 5821.66
T/PIPE = 5821.57

39+01.54, 8.00' R
8" GATE VALVE
T/PIPE = 5823.97

39.61 LF 8" PVC SAN SEWER @ 3.00%
2.86%
40.34

40+51.86, 8.00' R
8"-90° BEND
W/ CTRB 0.75 CY
T/PIPE = 5827.32
T/PIPE = 5827.32

40+51.68, 3.00' L
8" WATER XING
T/SAN=5822.09
B/WTR=5823.60
1.51' CLEAR

34+10.51, 3.00' L
5' SAN MH
RIM=5820.44
INV IN=5812.04
INV OUT=5811.74
8.70' DEEP

34+98.82, 3.00' L
5' SAN MH
RIM=5820.97
INV IN=5812.78
INV IN=5812.67
INV OUT=5812.48
8.49' DEEP

37+56.01, 3.00' L
5' SAN MH
RIM=5825.56
INV IN=5815.10
INV OUT=5815.00
10.56' DEEP

40+40.68, 3.00' L
5' SAN MH
RIM=5832.07
INV IN=5820.81 E
INV IN=5820.60 W
INV OUT=5820.40
11.67' DEEP

40+80.29, 3.00' L
5' SAN MH
RIM=5833.09
INV OUT=5822.28
10.81' DEEP

EXISTING ℄ GRADE
PROPOSED ℄ GRADE

ASBUILT
8/27/26

PREPARED BY:
DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:
CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	7/16/25
REV #1	9/17/25
AS-BUILTS	8/27/26

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT03

COLORADO REGISTERED 38707 PROFESSIONAL ENGINEER 3/24/25

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

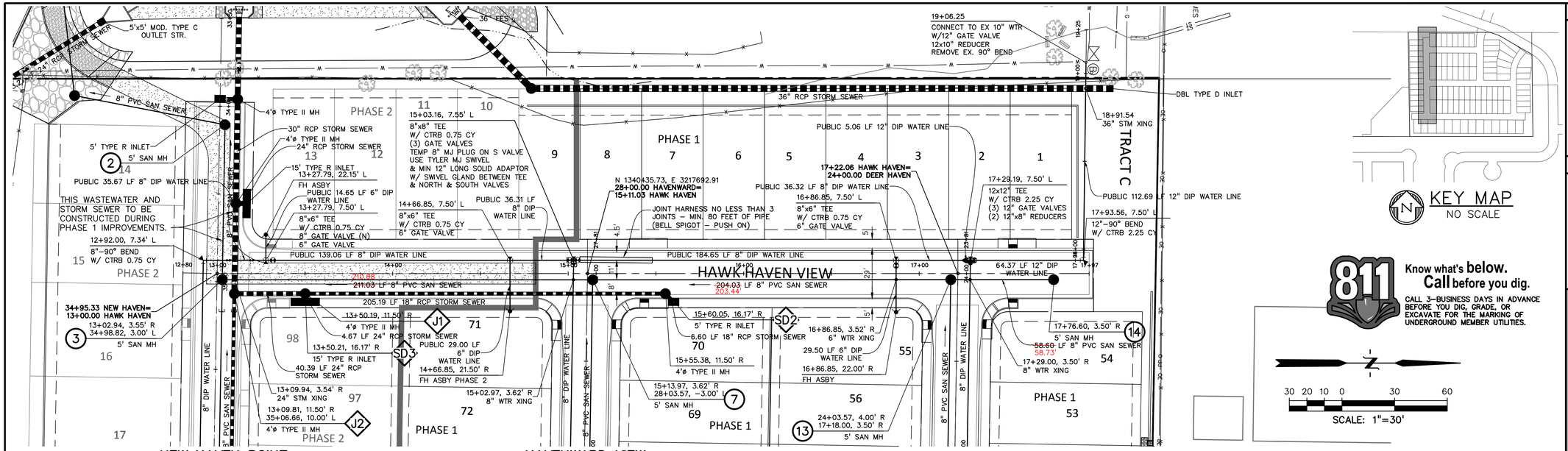
NEW HAVEN PT
WATER & SAN.
PLAN & PROFILE

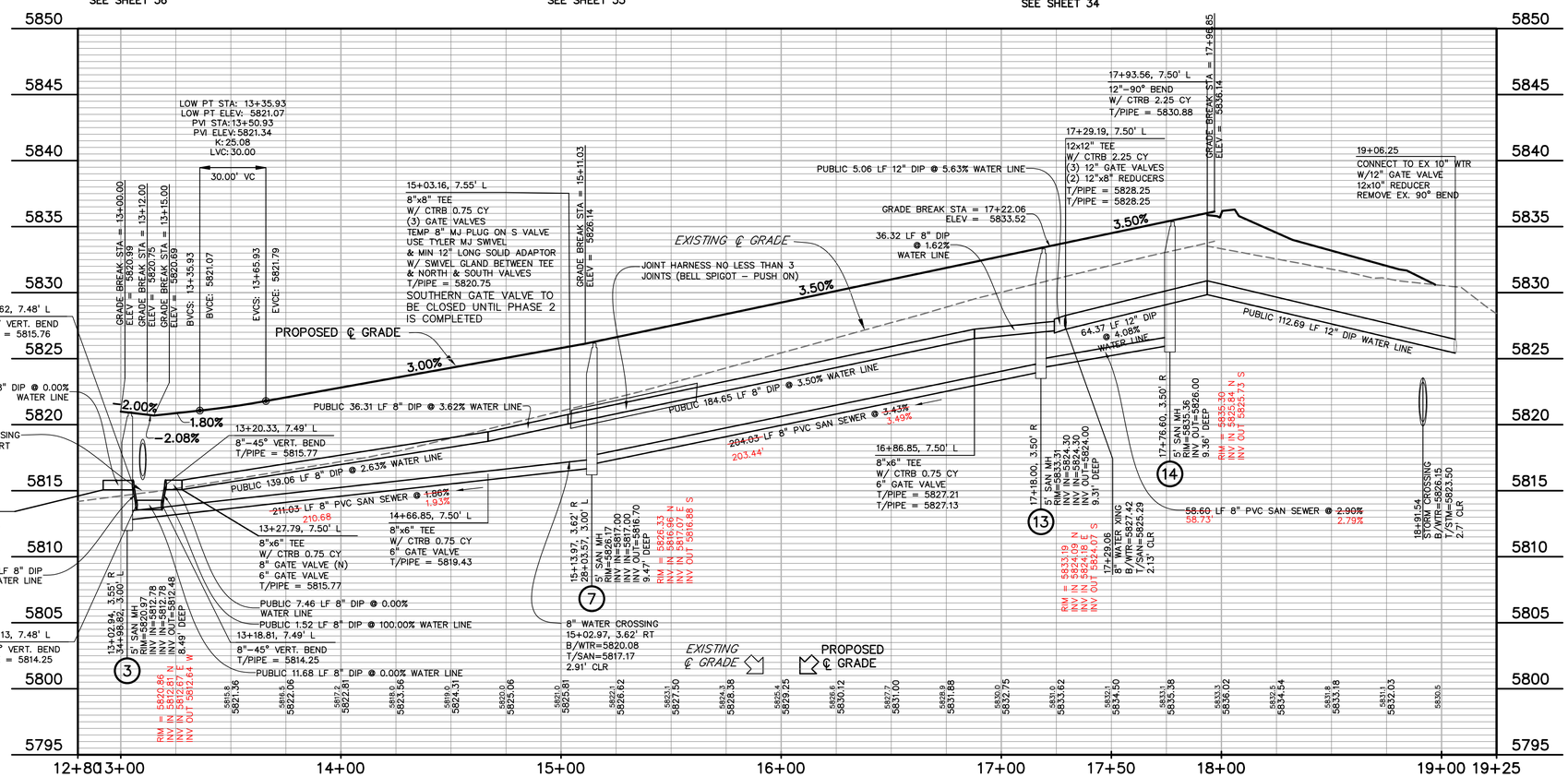
PROJECT NO. 21085-03CSCV

DRAWING NO.

UT03

SHEET: 36 OF 53





ASBUILT
9/29/25

PREPARED BY:
DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:
CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

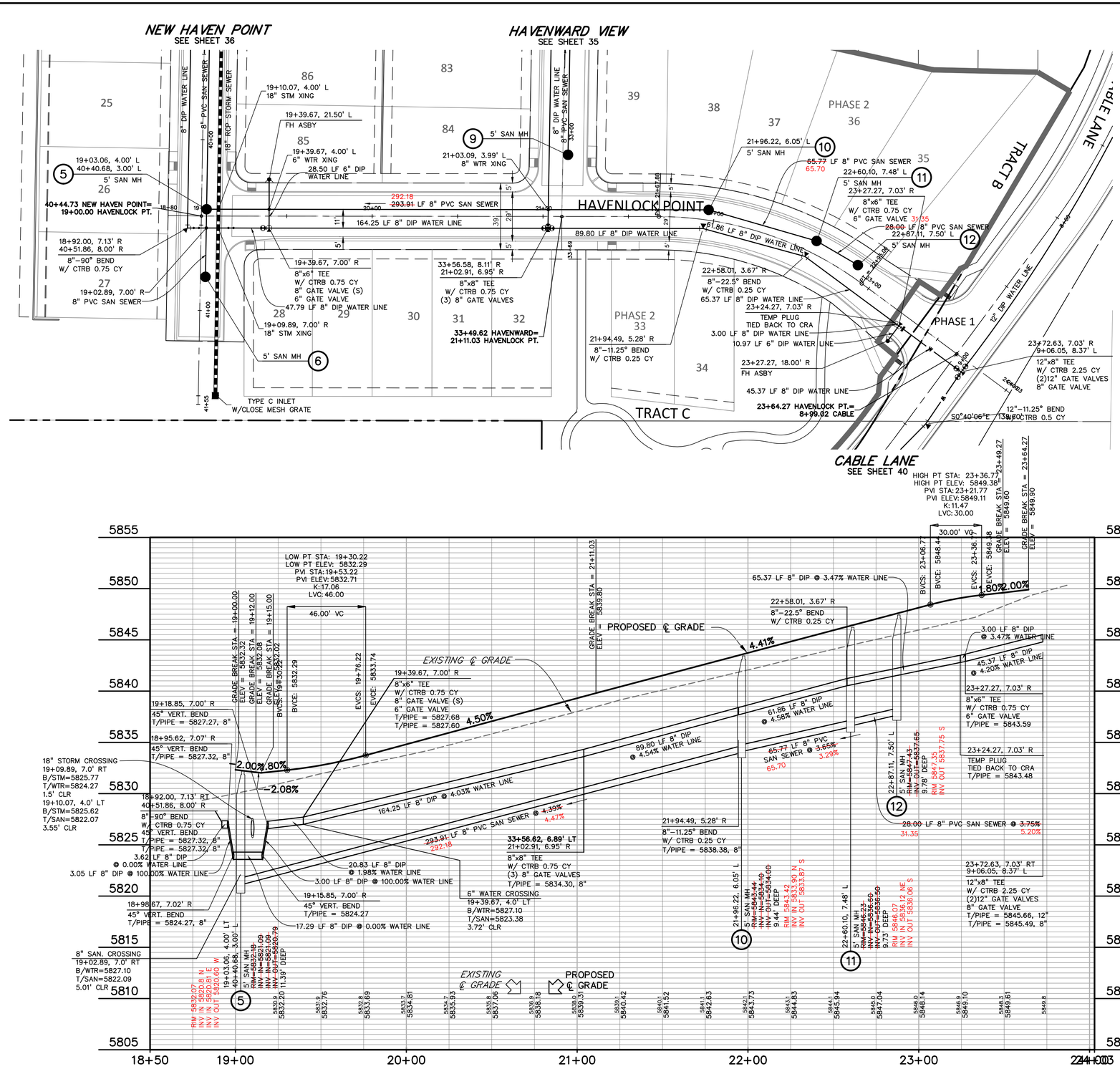
DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT04

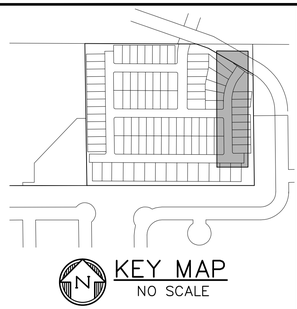
PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

HAWK HAVEN VIEW
WATER & SAN.
PLAN & PROFILE

PROJECT NO. 21085-05CSCV
DRAWING NO.
UT04





30 20 10 0 30 60

SCALE: 1"=30'

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

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ASBUILT
8/27/26

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENT DOCUMENTS FOR:

HAVEN VALLEY

(LETA DR.) BRADLEY RD./ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	3/15/22
LATEST ISSUE	7/16/25
REV #1	9/17/25
AS-BUILTS	8/27/26

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-03UT06

COLORADO REGISTERED PROFESSIONAL ENGINEER 27767 3/24/25

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

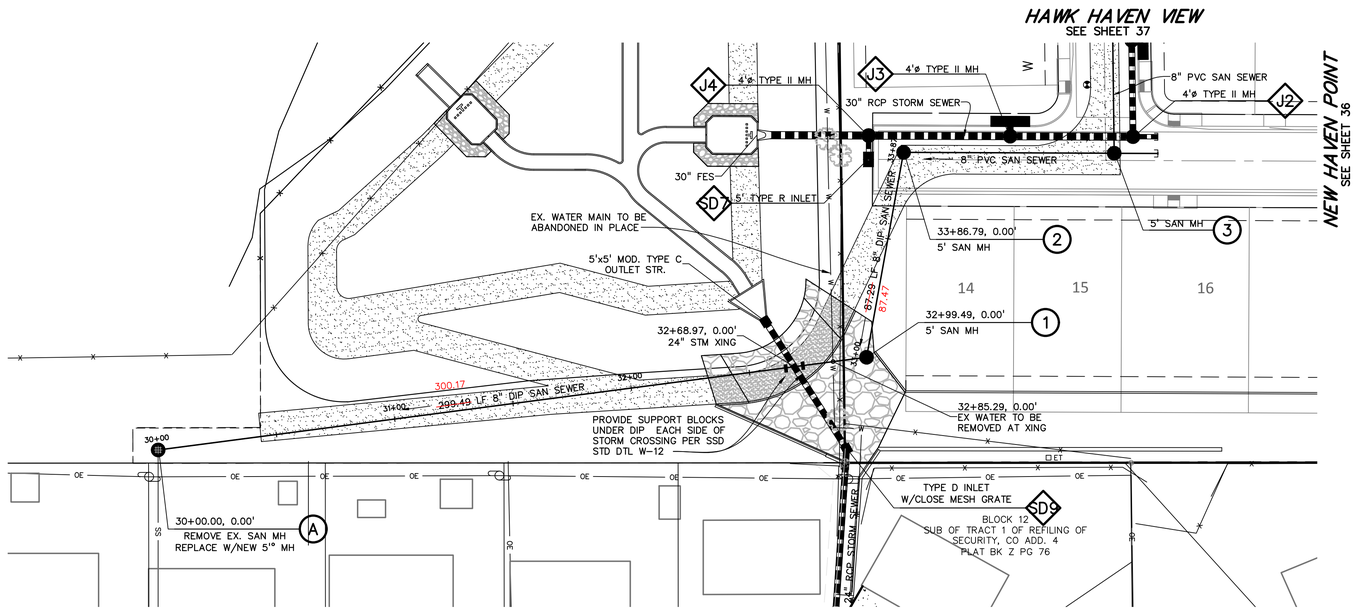
WTR & SAN
HAVENLOCK PT
PLAN & PROFILE

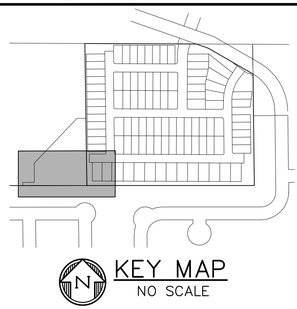
PROJECT NO. 21085-03CSCV

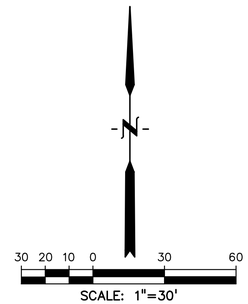
DRAWING NO.

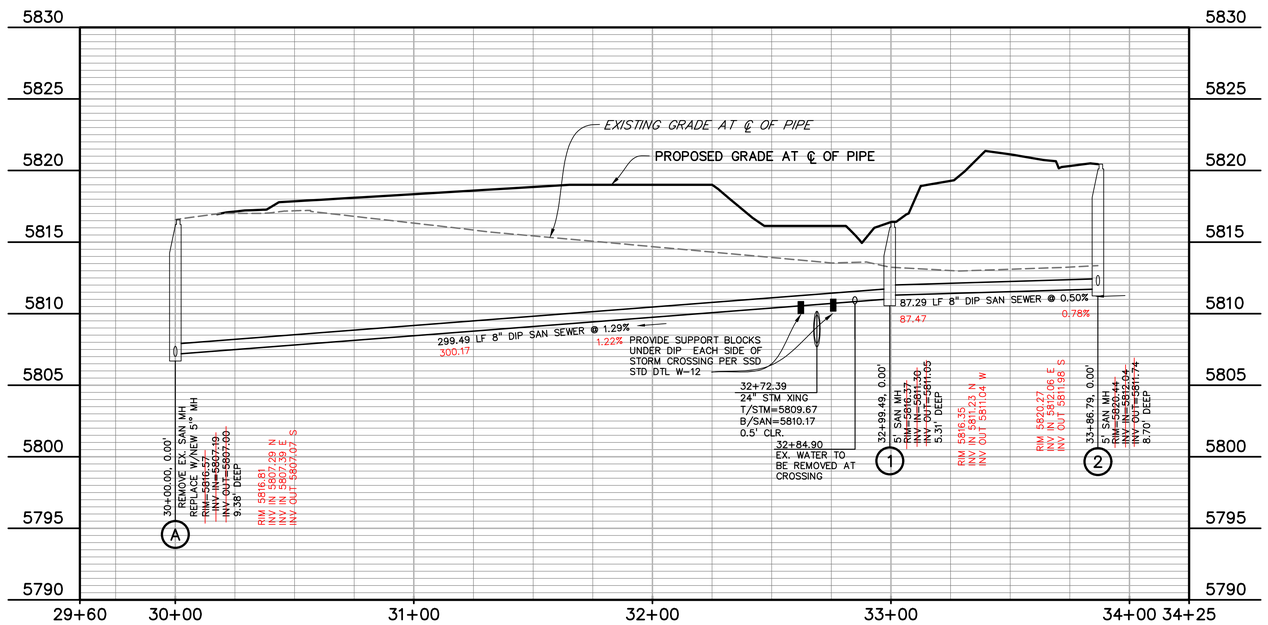
UT06

SHEET: 39 OF 53









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

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ASBUILT
9/29/25

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-05SS01

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

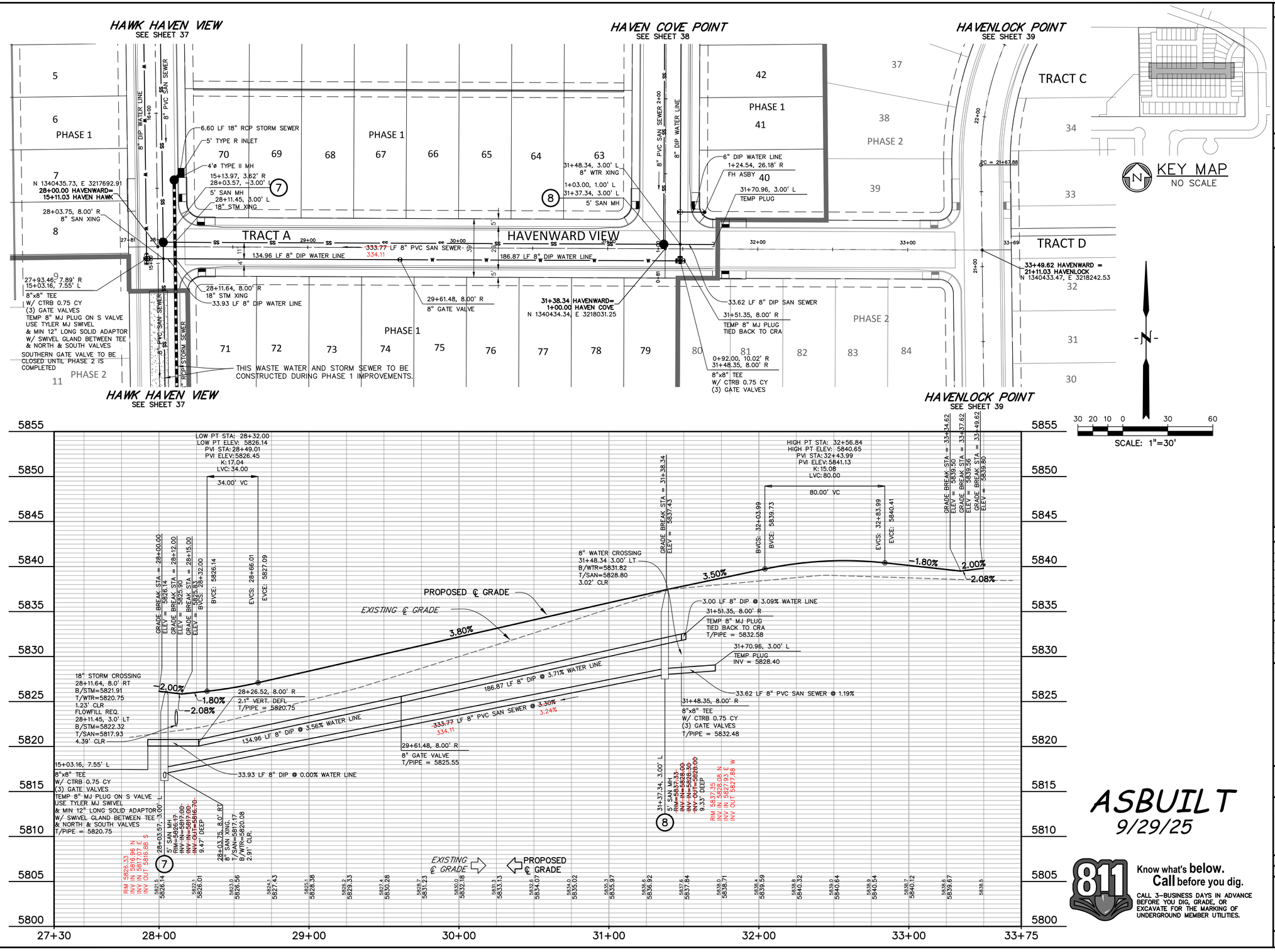
OFFSITE SANITARY PLAN & PROFILE

PROJECT NO. 21085-05CSCV

DRAWING NO.

SS01

SHEET: 43 OF 53



PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1

HAVEN VALLEY

(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-05UT02

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

HAVENWARD VIEW
WATER & SAN.
PLAN & PROFILE

PROJECT NO. 21085-05CSCV

DRAWING NO.

UT02

SHEET: 35 OF 53

ASBUILT
9/29/25

811 Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

HAWK HAVEN VIEW
SEE SHEET 37

HAVENLOCK POINT
SEE SHEET 39

PHASE 1

PHASE 2

THIS WASTE WATER AND STORM SEWER TO BE CONSTRUCTED DURING PHASE 1 IMPROVEMENTS.

SD6 34+55.19, 16.17' L
15' TYPE R INLET

6.17 LF 24" RCP STORM SEWER

4'ø TYPE II MH

24" RCP STORM SEWER

15' TYPE R INLET

J3 34+55.19, 10.00' L
4'ø TYPE II MH

59.35 LF 30" RCP STORM SEWER

24" RCP STORM SEWER

J2 35+06.66, 10.00' L
4'ø TYPE II MH

35+17.10, 3.00' L
TEMP PLUG

88.31 LF 8" PVC SAN SEWER @ 0.50%
88.76

NEW HAVEN POINT TRACT A

18.28 LF 8" PVC SAN SEWER @ 0.86%

34+10.51, 3.00' L
5' SAN MH

34+98.82, 3.00' L
5' SAN MH

34+95.33 MAXMAN=
13+00.00 DUTY
N 1340224.71, E 3217695.65

33+95.83, 10.00' L
4'ø TYPE II MH

J4

8.29 LF 8" PVC SAN SEWER @ 0.50%

10.01 LF 18" RCP STORM SEWER

51.47 LF 30" RCP STORM SEWER

33+95.83, 0.01' R
5' TYPE R INLET

SD7

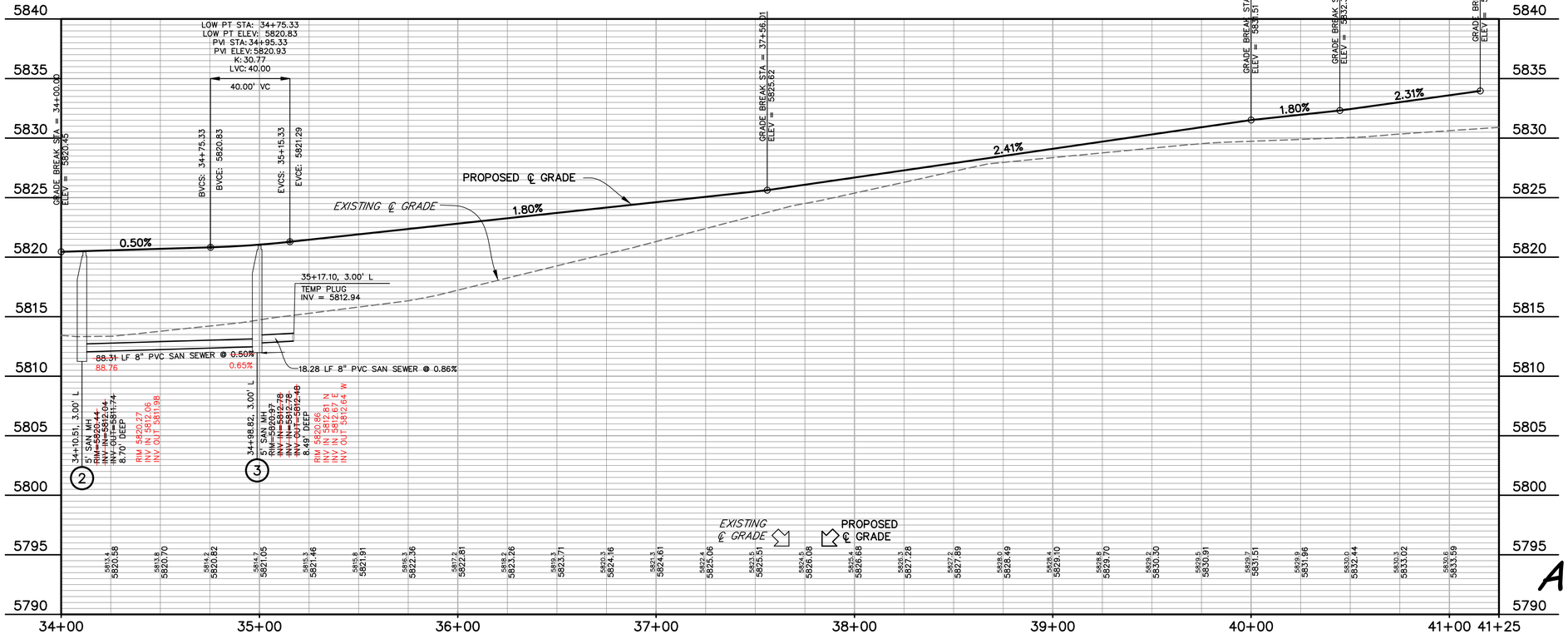
THIS WASTE WATER AND STORM SEWER TO BE CONSTRUCTED DURING PHASE 1 IMPROVEMENTS.

40+44.73 NEW HAVEN PT.=
19+00.00 HAVENLOCK PT.
N 1340222.46, E 3218245.04

KEY MAP
NO SCALE

SCALE: 1"=30'

811 Know what's **below.** **Call** before you dig.
CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.



ASBUILT
9/29/25

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-05UT03

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

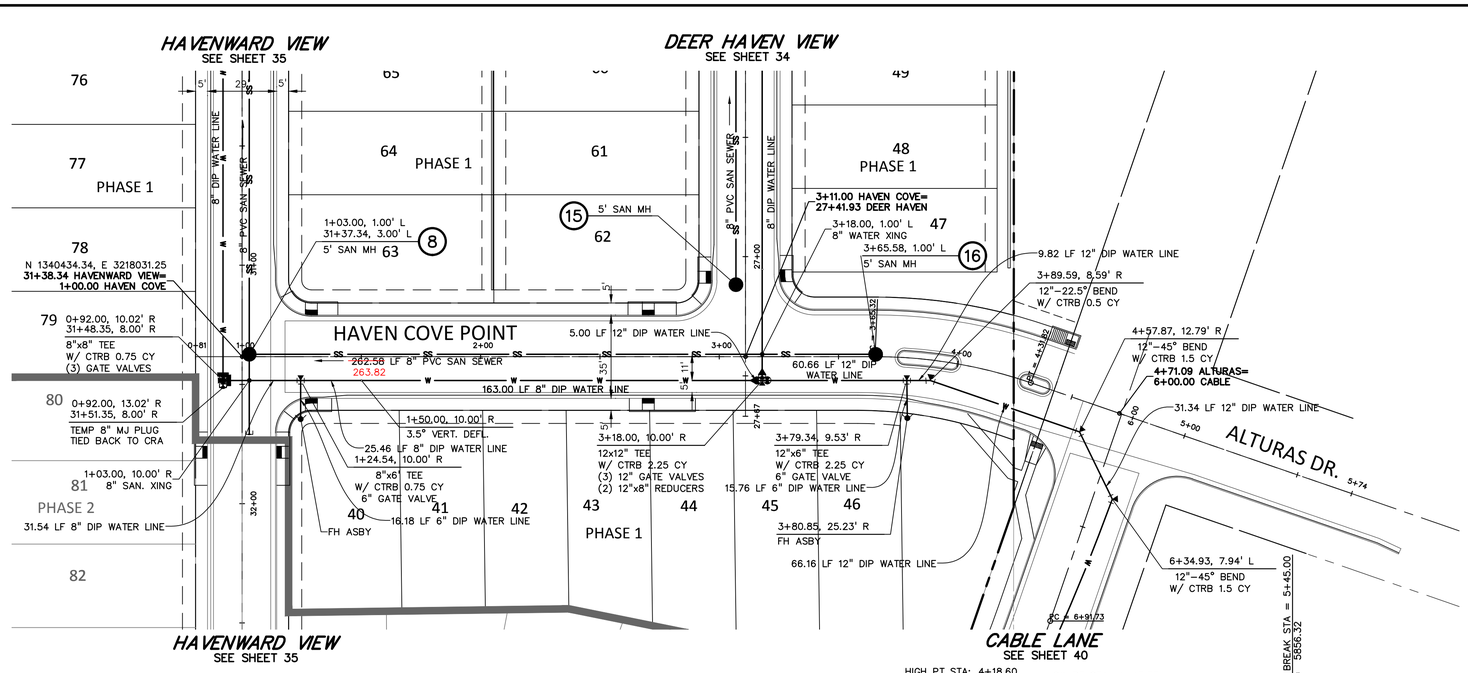
NEW HAVEN PT
WATER & SAN.
PLAN & PROFILE

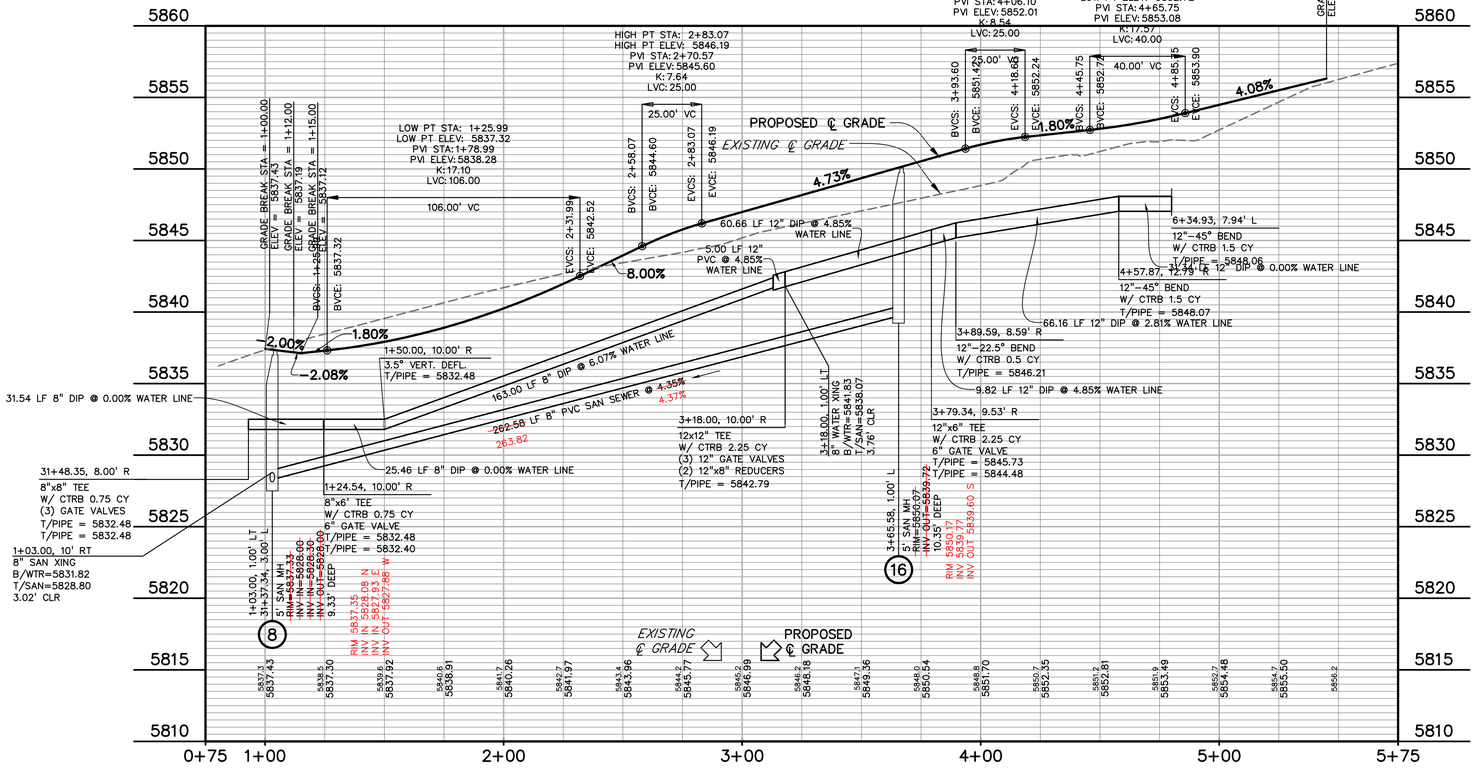
PROJECT NO. 21085-05CSCV

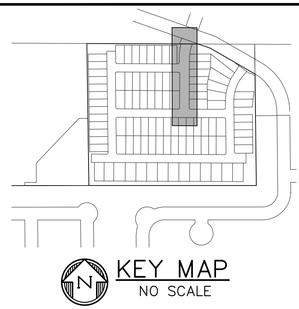
DRAWING NO.

UT03

SHEET: 36 OF 53







30 20 10 0 30 60

SCALE: 1"=30'

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

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ASBUILT
9/29/25

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES
8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920
(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	9/29/25

DESIGNED BY:	TDM
DRAWN BY:	GES
CHECKED BY:	TDM
FILE NAME:	21085-05UT05

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

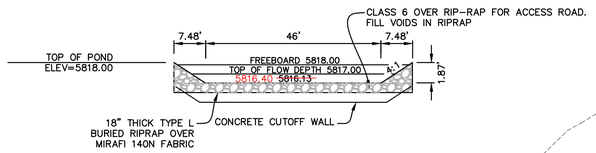
DRAWING SCALE:
HORIZONTAL: 1" = 30'
VERTICAL: 1" = 5'

WTR & SAN
HAVEN COVE PT
PLAN & PROFILE

PROJECT NO. 21085-05CSCV

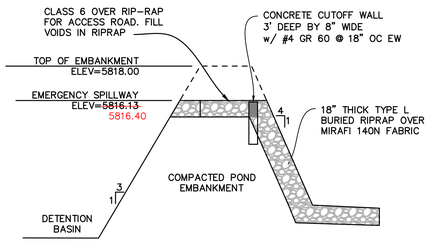
DRAWING NO.

UT05



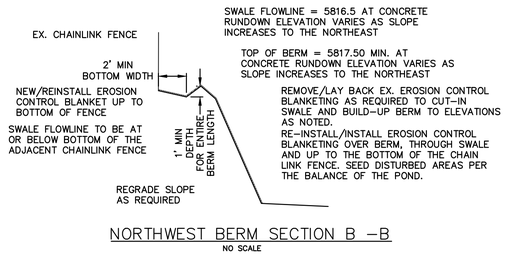
SPILLWAY SECTION

NO SCALE



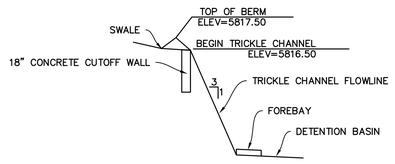
SPILLWAY SECTION

NO SCALE



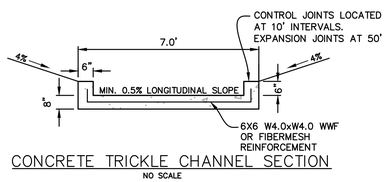
NORTHWEST BERM SECTION B -B

NO SCALE



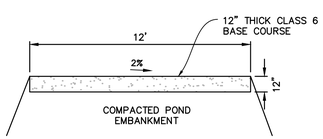
WEST TRICKLE CHANNEL SECTION

NO SCALE



CONCRETE TRICKLE CHANNEL SECTION

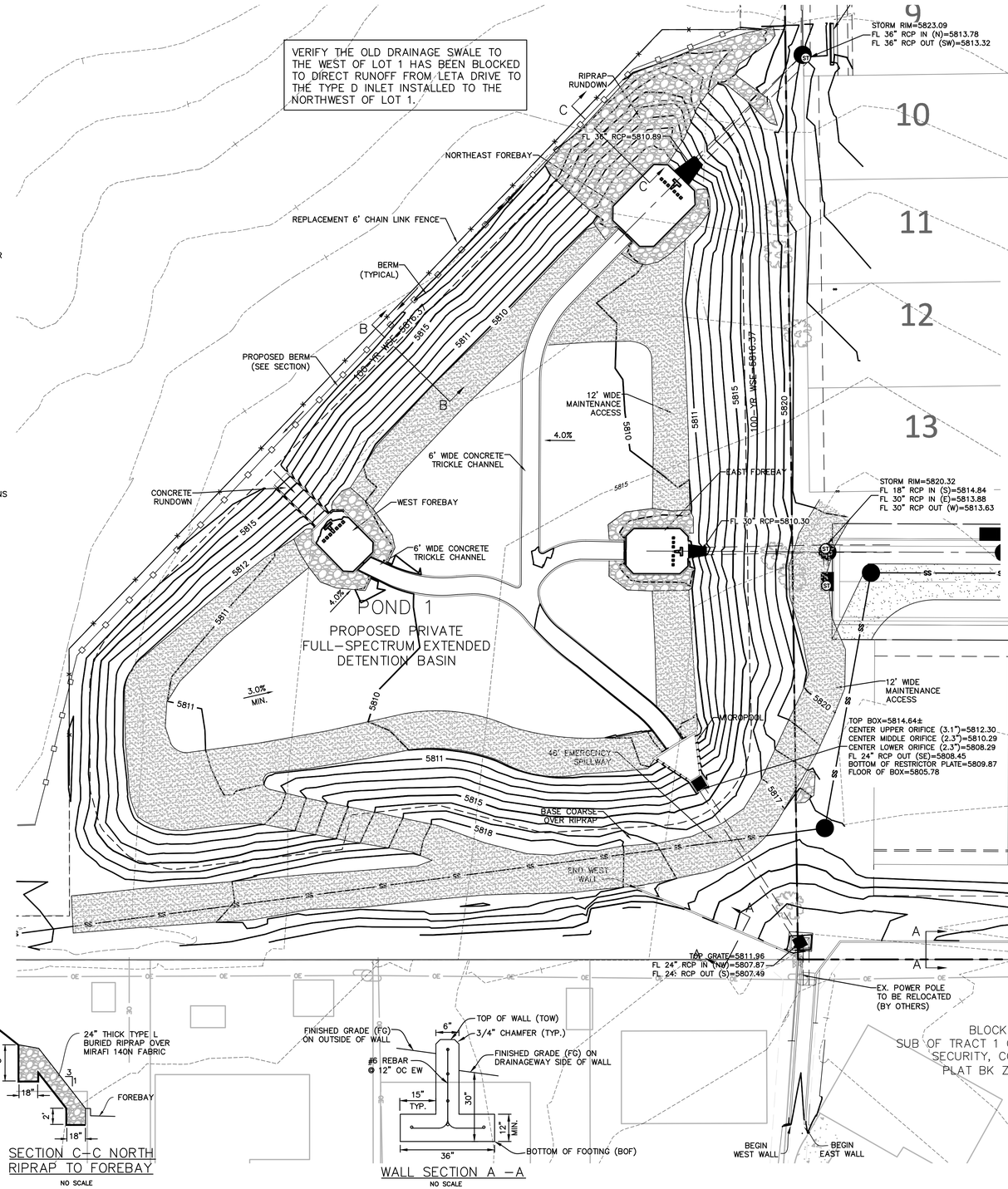
NO SCALE



MAINTENANCE ROAD SECTION

NO SCALE

VERIFY THE OLD DRAINAGE SWALE TO THE WEST OF LOT 1 HAS BEEN BLOCKED TO DIRECT RUNOFF FROM LETA DRIVE TO THE TYPE D INLET INSTALLED TO THE NORTHWEST OF LOT 1.

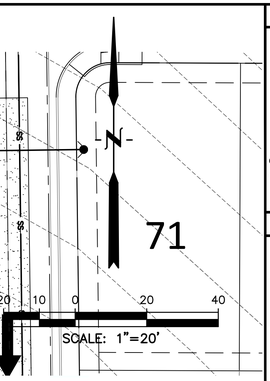


SECTION C-C NORTH
RIPRAP TO FOREBAY

NO SCALE

WALL SECTION A -A

NO SCALE





PET WASTE STATION

NO SCALE

TO BE LOCATED AT THE END OF NEW HAVEN POINT
ADJACENT TO THE 12' MAINTENANCE ACCESS ROAD

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

CALL 3-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES.

ASBUILT
1/12/26

PREPARED BY:

DREXEL, BARRELL & CO.
Engineers • Surveyors
101 SAHWATCH STREET, #100
COLORADO SPGS, COLORADO 80903
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
COLORADO SPRINGS • LAFAYETTE

CLIENT:

CHALLENGER HOMES

8605 EXPLORER DRIVE, #250
COLORADO SPRINGS, CO 80920

(719) 598-5192
CONTACT: JAMES BYERS, RLA

AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	1/12/26

DESIGNED BY:	TDM
DRAWN BY:	SBN
CHECKED BY:	TDM
FILE NAME:	21085-03PD01

COLORADO REGISTERED
TIMOTHY D.
McCONNELL
52767
3/10/25
PROFESSIONAL ENGINEER

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 50'
VERTICAL: N/A

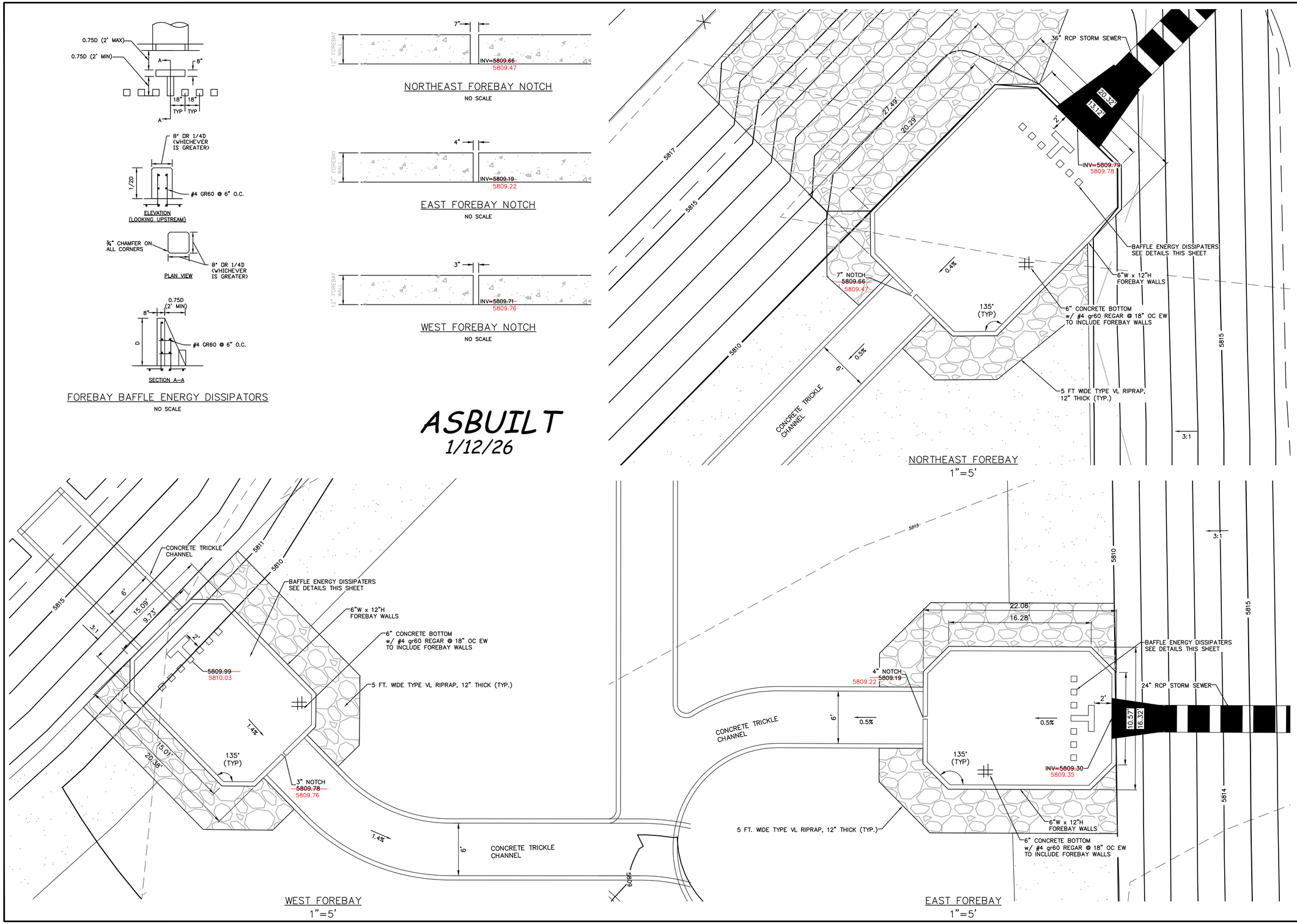
DETENTION POND DETAILS

PROJECT NO. 21085-05CSCV

DRAWING NO.

PD01

SHEET: 51 OF 53



FOREBAY BAFFLE ENERGY DISSIPATORS

NO SCALE

NORTHEAST FOREBAY NOTCH

NO SCALE

EAST FOREBAY NOTCH

NO SCALE

WEST FOREBAY NOTCH

NO SCALE

ASBUILT
1/12/26

NORTHEAST FOREBAY
1"=5'

WEST FOREBAY
1"=5'

EAST FOREBAY
1"=5'

PREPARED BY:

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AS-BUILT DOCUMENTS FOR:
PHASE 1
HAVEN VALLEY
(LETA DR.) BRADLEY RD/ALTURAS DR.
SECURITY, EL PASO COUNTY, COLORADO

ISSUE	DATE
INITIAL ISSUE	11/26/24
LATEST ISSUE	3/10/25
AS-BUILTS	1/12/26

DESIGNED BY:	TDM
DRAWN BY:	SBN
CHECKED BY:	TDM
FILE NAME:	21085-03PD02

COLORADO REGISTERED TIM D. McCONNELL 38707 3/10/25 PROFESSIONAL ENGINEER

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1" = 5'
VERTICAL: N/A

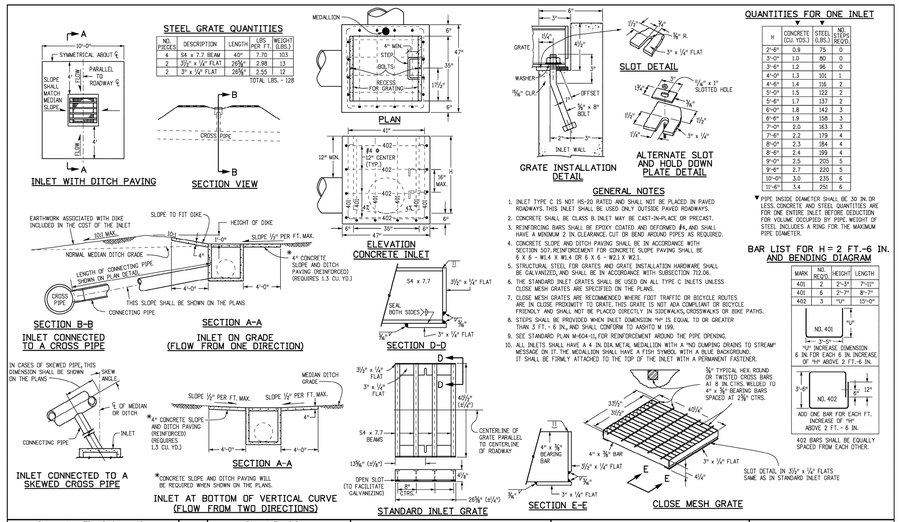
CONCRETE FOREBAY DETAILS

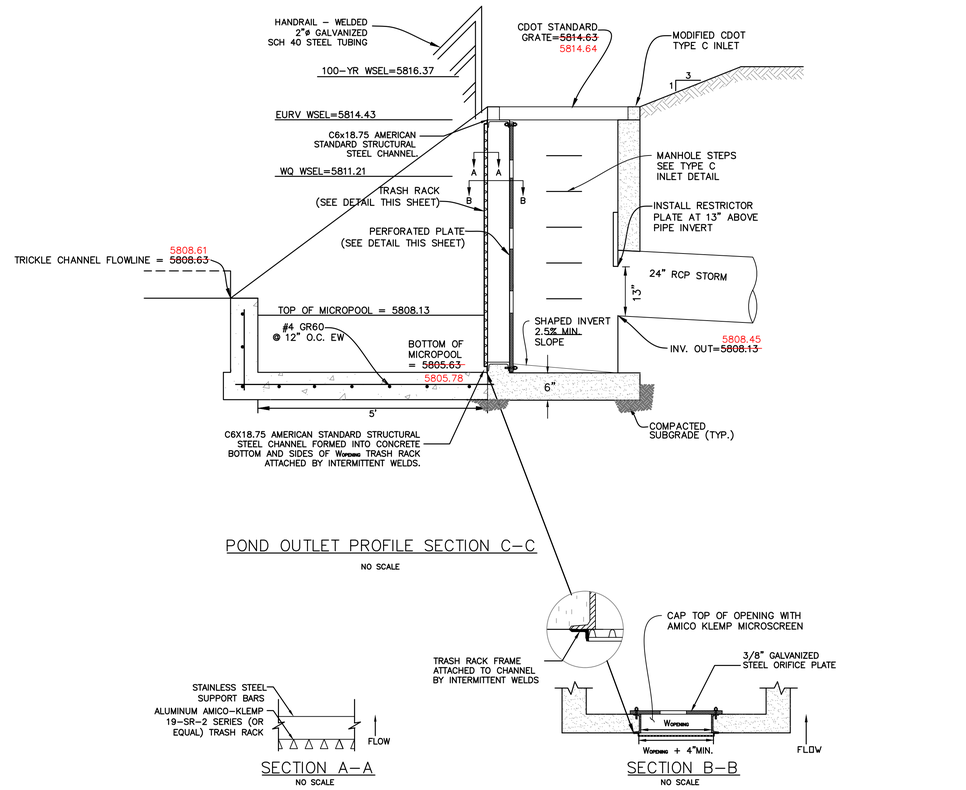
PROJECT NO. 21085-05CSCV

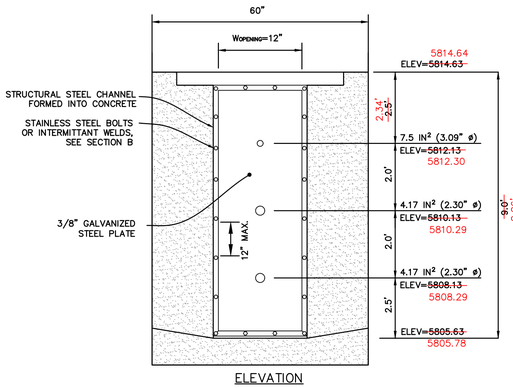
DRAWING NO.

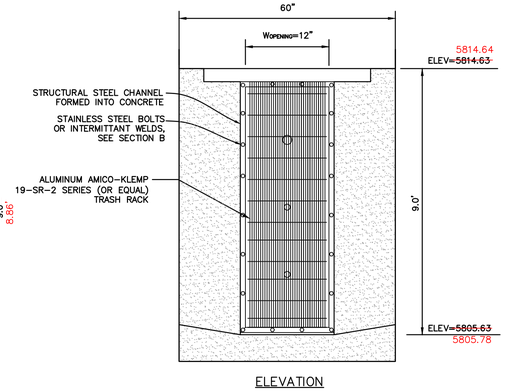
PD02

SHEET: 52 OF 53

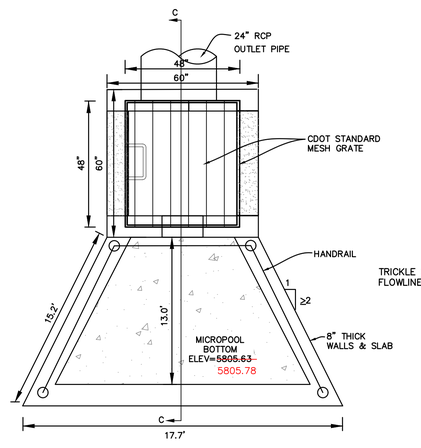


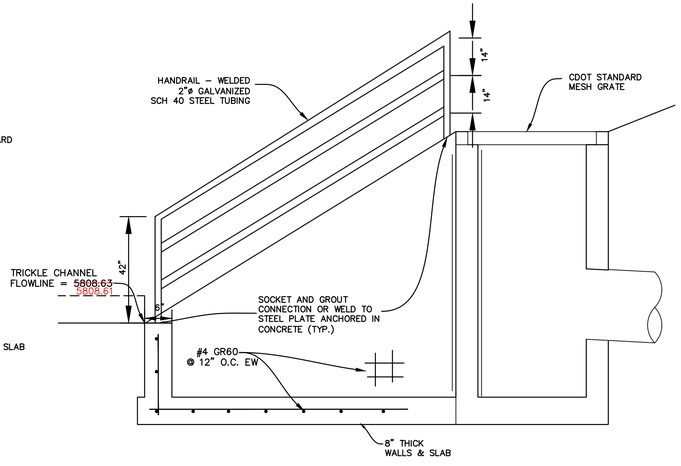






TOP BOX=5814.64±
CENTER UPPER ORIFICE (3.1")=5812.30
CENTER MIDDLE ORIFICE (2.3")=5810.29
CENTER LOWER ORIFICE (2.3")=5808.29
FL 24" RCP OUT (SE)=5808.45
BOTTOM OF RESTRICTOR PLATE=5809.87
FLOOR OF BOX=5805.78





PERFORATED PLATE NOTES:

1. PROVIDE GASKET MATERIAL OR GROUT BETWEEN THE ORIFICE PLATE AND CONCRETE.
2. BOLT PLATE TO CONCRETE @ 12" MAX. ON CENTER. ORIFICE PLATE IS TO BE REMOVABLE.
3. ALL STEEL SURFACES ARE TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND.

WQCV TRASH RACKS:

1. TRASH RACKS SHALL BE STAINLESS STEEL OR ALUMINUM AND SHALL BE ATTACHED BY INTERMITTENT WELDS ALONG THE EDGE OF THE MOUNTING FRAME.

GENERAL NOTES:

1. ALL EXTERIOR STEEL SHALL BE EITHER STAINLESS OR HOT DIPPED GALVANIZED

ASBUILT
1/12/26

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ISSUE	DATE
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AS-BUILTS	1/12/26

DESIGNED BY:	SBN
DRAWN BY:	SBN
CHECKED BY:	TDM
FILE NAME:	21085-03PD03

COLORADO REGISTERED PROFESSIONAL ENGINEER 55757 3/10/25

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: N/A
VERTICAL: N/A

POND OUTLET STRUCTURE DETAILS

PROJECT NO. 21085-05CSCV

DRAWING NO.

OUT1

SHEET: 53 OF 53