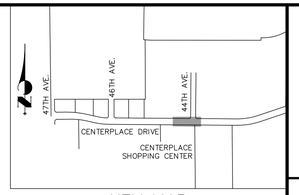
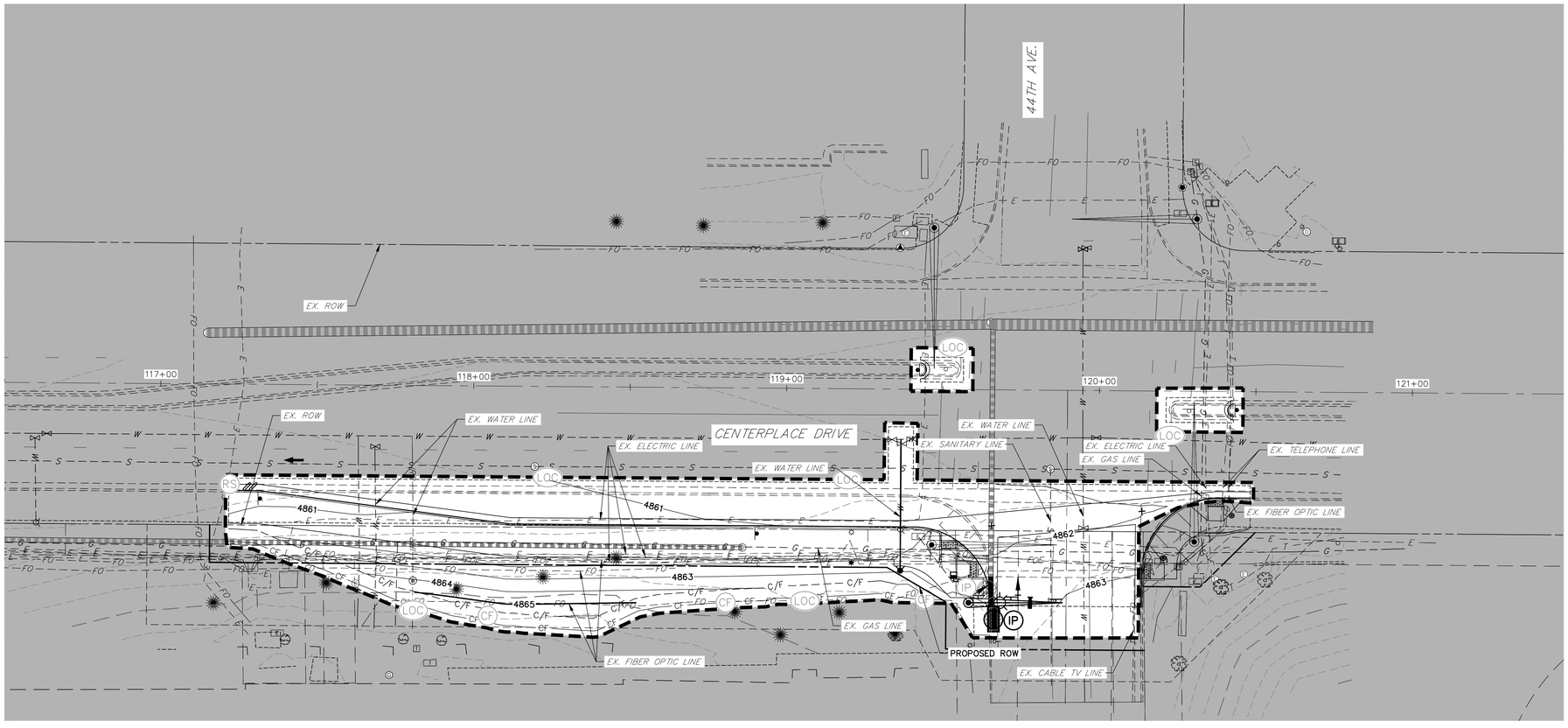


KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 116+50 TO 121+50

LEGEND

SF — SF —	SILT FENCE
CF — CF —	CONSTRUCTION FENCE
IP	STORM DRAIN INLET PROTECTION
OP	STORM DRAIN OUTLET PROTECTION
LS	LANDSCAPE RESTORATION
CWA	CONCRETE WASHOUT AREA
SCL	SEDIMENT CONTROL LOG
	DRAINAGE DIRECTION
	PROPOSED ROW
	PROPOSED EASEMENT
LOC	LIMITS OF CONSTRUCTION
C/F	PROPOSED CUT & FILL LINE
5080	EXISTING INDEX CONTOUR
	EXISTING CONTOUR
5080	PROPOSED INDEX CONTOUR
	PROPOSED CONTOUR
SB	SEDIMENT BASIN
ECB	EROSION CONTROL BLANKET
VTC	VEHICLE TRACKING CONTROL
SSA	STABILIZED STAGING AREA
DD	DIVERSION DITCH
RS	ROCK SOCK

NOTES

1. INSTALL EROSION/SEDIMENT CONTROL ONLY DURING APPROPRIATE PHASING, AND AS APPROVED BY THE ENGINEER. HOWEVER, INLET PROTECTION SHALL BE INSTALLED IMMEDIATELY AFTER CONSTRUCTION OF NEW INLETS.
2. SECTION 13 OF THE CITY OF GREELEY DESIGN STANDARDS AND CONSTRUCTION SPECIFICATIONS SHALL APPLY FOR ALL EXCAVATION AND EMBANKMENT AREAS. THE ROADWAY SUBGRADE MATERIALS SHALL BE FREE OF ORGANIC MATERIALS AND OTHER DELETERIOUS MATERIALS AND SHALL BE THOROUGHLY SCARIFIED, AND WELL MIXED.
3. CONTRACTOR MAY INSTALL SILT FENCE TO RIGHT-OF-WAY OR TEMPORARY CONSTRUCTION EASEMENT.
4. THE CONTRACTOR SHALL FIND AN APPROPRIATE LOCATION TO SET UP CONCRETE WASHOUT AREA, VEHICLE TRACKING CONTROL, AND STABILIZED STAGING AREA AND SUBMIT TO THE CITY FOR APPROVAL.
5. THE TOTAL DISTURBANCE AREA IS 0.76AC. NO STATE PERMIT OR STORM WATER MANAGEMENT PLAN ARE REQUIRED.

20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRIAN WARD
CITY OF GREELEY-PUBLIC WORKS
1001 9TH AVENUE
GREELEY, CO 80631
(970) 350-9792

J·R ENGINEERING
A Westrian Company
Centennial 303-740-9393 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.jrengineering.com

No.	REVISION	BY	DATE

H-SCALE	1"=20'
V-SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

GRADING & EROSION CONTROL PLAN

INTERIM STAGE – PHASE II

SHEET 19 OF 37

JOB NO. 39722.02

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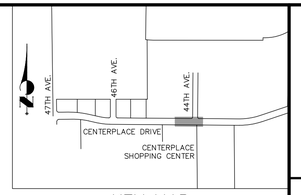
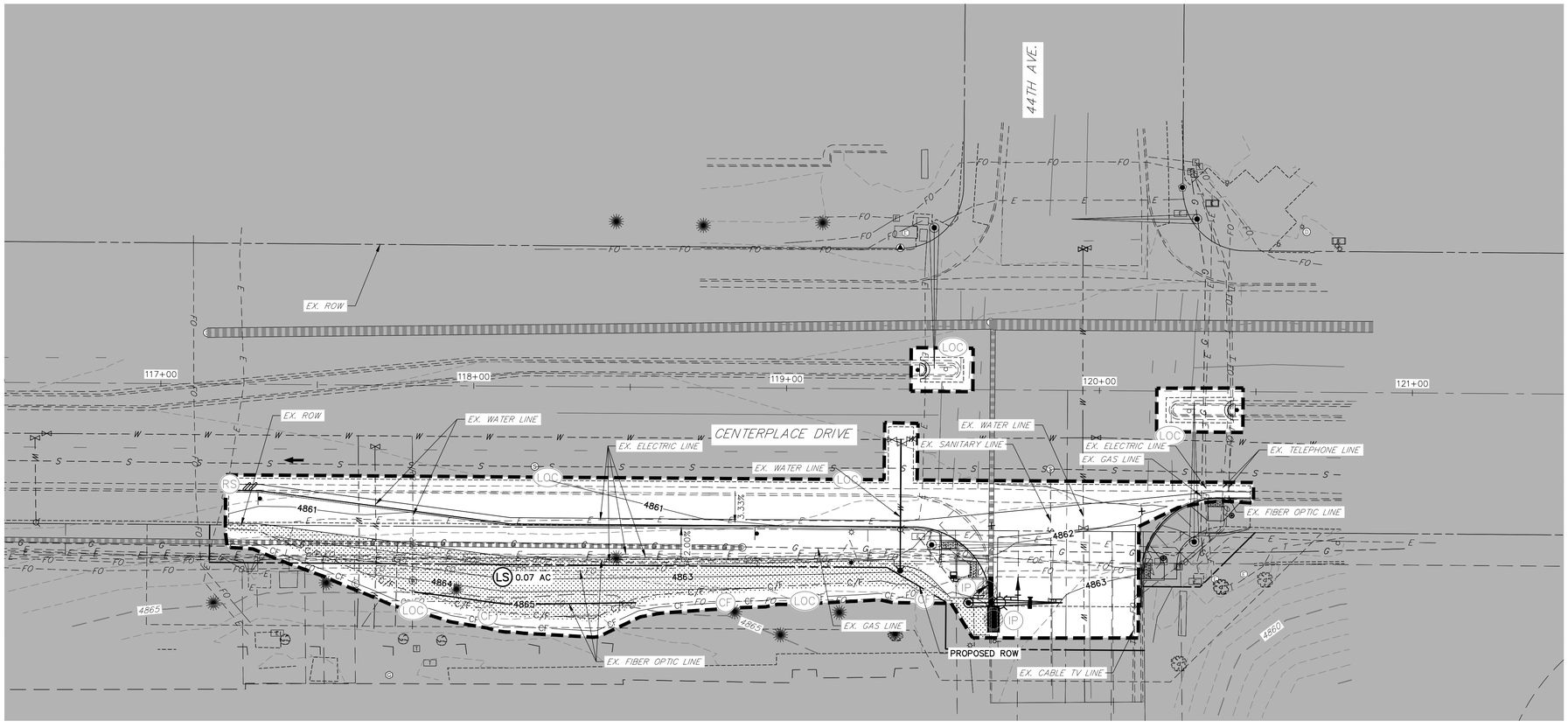


KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 116+50 TO 121+50

LEGEND

SF — SF —	SILT FENCE
CF — CF —	CONSTRUCTION FENCE
IP	STORM DRAIN INLET PROTECTION
OP	STORM DRAIN OUTLET PROTECTION
LS	LANDSCAPE RESTORATION
CWA	CONCRETE WASHOUT AREA
SCL	SEDIMENT CONTROL LOG
	DRAINAGE DIRECTION
	PROPOSED ROW
	PROPOSED EASEMENT
LOC	LIMITS OF CONSTRUCTION
C/F	PROPOSED CUT & FILL LINE
5080	EXISTING INDEX CONTOUR
	EXISTING CONTOUR
5080	PROPOSED INDEX CONTOUR
	PROPOSED CONTOUR
SB	SEDIMENT BASIN
ECB	EROSION CONTROL BLANKET
VTC	VEHICLE TRACKING CONTROL
SSA	STABILIZED STAGING AREA
DD	DIVERSION DITCH
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COLORADO P.E. 41677
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COLORADO REGISTERED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677

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V-SCALE	N/A
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DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

GRADING & EROSION CONTROL PLAN

FINAL STAGE – PHASE II

SHEET 20 OF 37

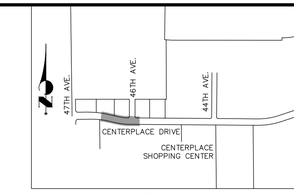
JOB NO. 39722.02

X:\39700.00_all\39722\02\Drawings\Sheet Dwgs\Phased CD Plans\39722.02 GESC03.dwg, GESC03 (Final), 1/30/2020 10:08:51 AM, FC

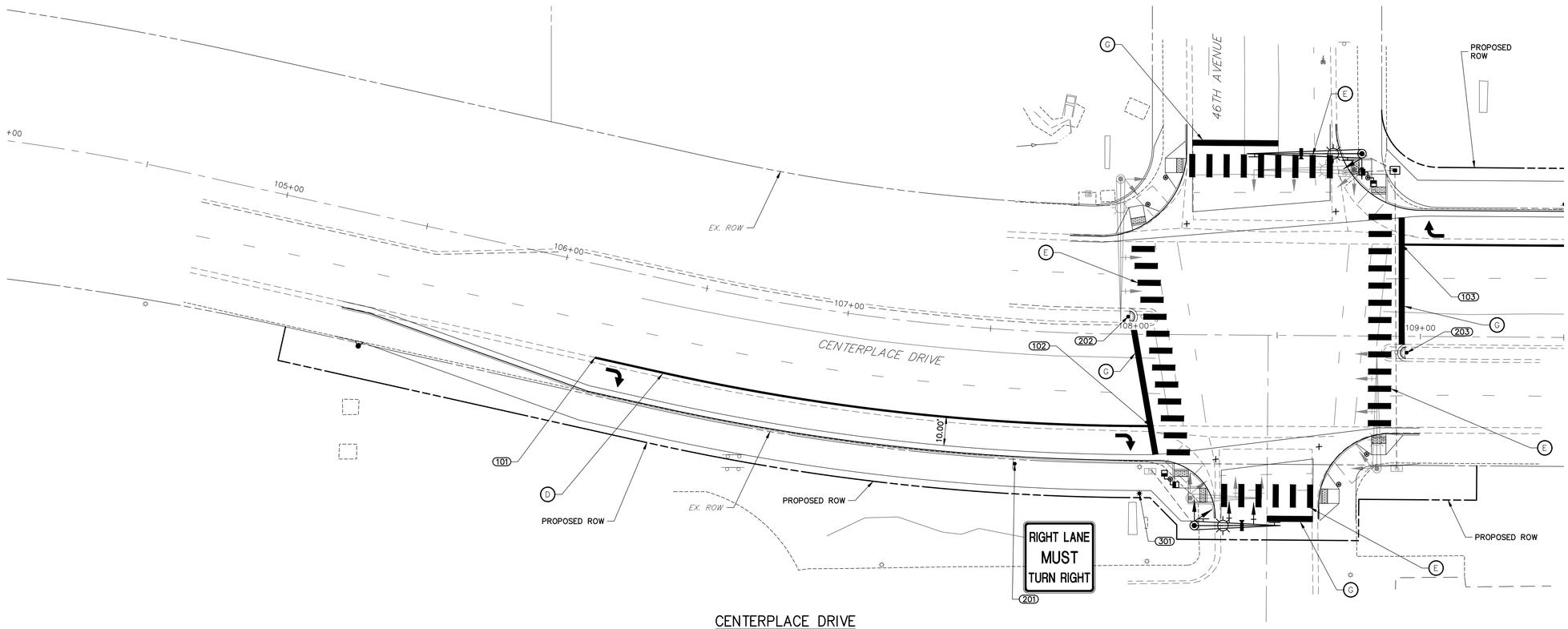
STRIPING TABULATION					
STRIPE NUMBER	STATION	OFFSET	ALIGNMENT	NOTES	DESCRIPTION
101	106+17.13	32.00' (RT)	CL – CENTERPLACE		BEGIN STRIPE
102	108+06.07	32.00' (RT)	CL – CENTERPLACE		END STRIPE
103	108+93.22	32.00' (LT)	CL – CENTERPLACE		BEGIN STRIPE

SIGN TABULATION					
SIGN NUMBER	STATION	OFFSET	ALIGNMENT	NOTES	DESCRIPTION
201	107+61.14	46.50' (RT)	CL – CENTERPLACE		R3–7R 30"X30"
202	107+97.95	6.14' (LT)	CL – CENTERPLACE		RESET KEEP RIGHT SIGN INSTALL 4" PVC SLEEVE
203	108+95.23	5.70' (RT)	CL – CENTERPLACE		RESET KEEP RIGHT SIGN INSTALL 4" PVC SLEEVE

STREET LIGHT TABULATION						
STREET LIGHT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
301	108+02.35	55.50' (RT)	CL – CENTERPLACE	4865.57		RESET STREET LIGHT



KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 104+00 TO 109+50

LEGEND

- PROPOSED SIGN / EXISTING SIGN
- CDOT DELINEATOR TYPE I (CRYSTAL)
- CDOT DELINEATOR TYPE II (CRYSTAL)
- CDOT DELINEATOR TYPE II (YELLOW)
- CDOT DELINEATOR TYPE II (YELLOW) BACK TO BACK
- (XX) PROPOSED STRIPE
- (XX) EXISTING STRIPE
- (A) LANE LINE – 4" WIDE X 10' LONG, 30' GAP, WHITE THERMOPLASTIC
- (B) CENTER LINE – 4" WIDE, SOLID DOUBLE YELLOW, THERMOPLASTIC
- (C) EDGE LINE – 4" WIDE, SOLID WHITE, THERMOPLASTIC
- (D) CHANNELIZING LINE – 8" WIDE, SOLID WHITE THERMOPLASTIC
- (E) CROSSWALK – 2'X8' SOLID WHITE THERMOPLASTIC
- (F) LANE EXTENSION LINE – 4" WIDE X 2' LONG, 4' GAP, WHITE, THERMOPLASTIC
- (G) STOP BAR – 2'x10' SOLID WHITE, THERMOPLASTIC
- (H) LANE DROP LINE – 11' WIDE x 3' LONG, 12' GAP WHITE, THERMOPLASTIC
- (I) EDGE LINE – 4" WIDE, SOLID YELLOW, THERMOPLASTIC
- (XX) TABULATION KEY

LIGHTING NOTES

1. STREET LIGHTS, FOUNDATIONS, CONDUIT, PULL BOXES, WIRING, AND SERVICE PEDESTALS SHALL BE INSTALLED IN ACCORDANCE WITH CDOT SECTIONS 613 AND 715, CITY SECTION 1.20, UNLESS OTHERWISE NOTED.
2. PLASTIC CONDUIT SHALL BE SCHEDULE 80. UNDERGROUND CONDUIT SHALL BE BURIED A MINIMUM OF 24 INCHES BELOW FINISHED GRADE. CONDUIT UNDER ROADWAYS SHALL BE BURIED A MINIMUM OF 28 INCHES BELOW FINISHED GRADE.
3. UNITED POWER SHALL TEST STREET LIGHTS IN ACCORDANCE WITH CDOT SECTION 613.

SIGNAGE AND STRIPING NOTES

1. ALL SIGNAGE AND STRIPING SHALL BE PLACED IN ACCORDANCE WITH THE MUTCD.
2. SIGNS SHALL BE MOUNTED PER CITY OF GREELEY DETAILS S–41 TO S–47.
3. EXISTING STRIPING SHALL BE REMOVED BY WATER JETTING ONLY.
4. CONTRACTOR SHALL CONFIRM EXISTING STRIPING AND MAKE MODIFICATIONS TO NEW STRIPING AS NEEDED.
5. ALL PAVEMENT MARKINGS SHALL BE HOT EXTRUDED THERMOPLASTIC FOR STRIPING AND PREFORMED FOR ARROWS AND LETTERING.
6. SEE SHEET 34–37 FOR DETAILS

20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING

DATE

COLORADO ELIJAH C. FARNEY 41677 PROFESSIONAL ENGINEER

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V–SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

SIGNAGE STRIPING AND LIGHTING PLAN

PHASE I

SHEET 21 OF 37

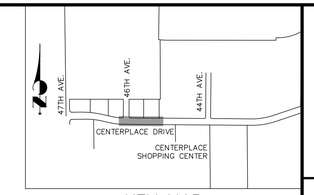
JOB NO. 39722.02

X:\39700.00 all\39722\02\Drawings\Sheet Dwgs\Phased CD Plans\39722.02 SS01.dwg, SG01, 1/30/2020 10:11:27 AM, FC

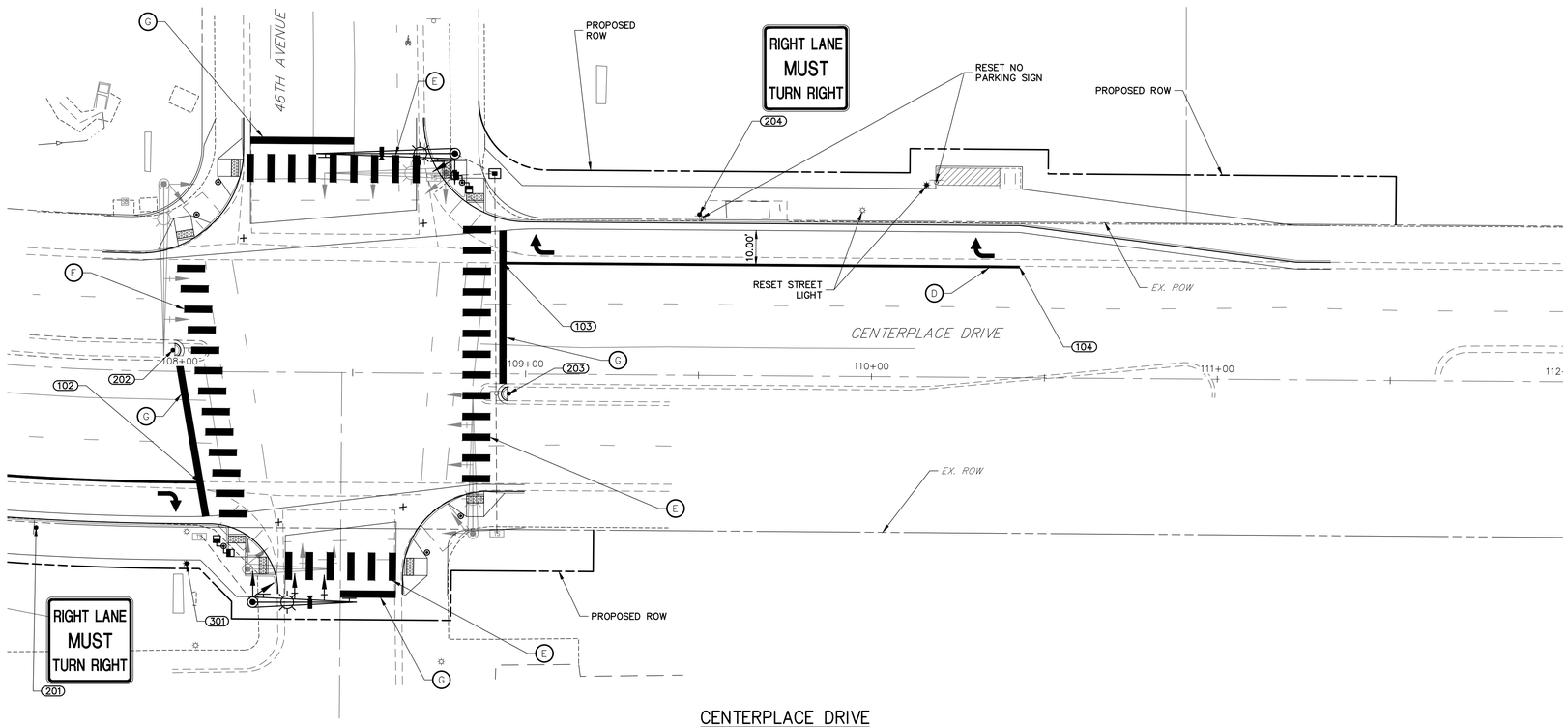
STRIPING TABULATION					
STRIPE NUMBER	STATION	OFFSET	ALIGNMENT	NOTES	DESCRIPTION
102	108+06.07	32.00' (RT)	CL – CENTERPLACE		END STRIPE
103	108+93.22	32.00' (LT)	CL – CENTERPLACE		BEGIN STRIPE
104	110+42.52	32.00' (LT)	CL – CENTERPLACE		END STRIPE

SIGN TABULATION					
SIGN NUMBER	STATION	OFFSET	ALIGNMENT	NOTES	DESCRIPTION
201	107+61.14	46.50' (RT)	CL – CENTERPLACE		R3–7R 30"X30"
202	107+97.95	6.14' (LT)	CL – CENTERPLACE		RESET KEEP RIGHT SIGN INSTALL 4" PVC SLEEVE
203	108+95.23	5.70' (RT)	CL – CENTERPLACE		RESET KEEP RIGHT SIGN INSTALL 4" PVC SLEEVE
204	109+49.91	46.50' (LT)	CL – CENTERPLACE		R3–7R 30"X30"

STREET LIGHT TABULATION						
STREET LIGHT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
301	108+02.35	55.50' (RT)	CL – CENTERPLACE	4865.57		RESET STREET LIGHT



KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 107+50 TO 112+00

LEGEND

- PROPOSED SIGN / EXISTING SIGN
- CDOT DELINEATOR TYPE I (CRYSTAL)
- CDOT DELINEATOR TYPE II (CRYSTAL)
- CDOT DELINEATOR TYPE II (YELLOW)
- CDOT DELINEATOR TYPE II (YELLOW) BACK TO BACK
- (XX) PROPOSED STRIPE
- (XX) EXISTING STRIPE
- (A) LANE LINE – 4" WIDE X 10' LONG, 30' GAP, WHITE THERMOPLASTIC
- (B) CENTER LINE – 4" WIDE, SOLID DOUBLE YELLOW, THERMOPLASTIC
- (C) EDGE LINE – 4" WIDE, SOLID WHITE, THERMOPLASTIC
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- (XX) TABULATION KEY

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3. UNITED POWER SHALL TEST STREET LIGHTS IN ACCORDANCE WITH CDOT SECTION 613.

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6. SEE SHEET 34–37 FOR DETAILS

20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

COLORADO REGISTERED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677

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V–SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

SIGNAGE STRIPING AND LIGHTING PLAN

PHASE I

SHEET 22 OF 37

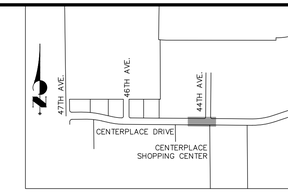
JOB NO. 39722.02

X:\39700\00.all\39722\02\Drawings\Sheet Dwgs\Phaseet CD Plans\39722.02 SG01.dwg, SG02, 1/30/2020 10:11:45 AM, FC

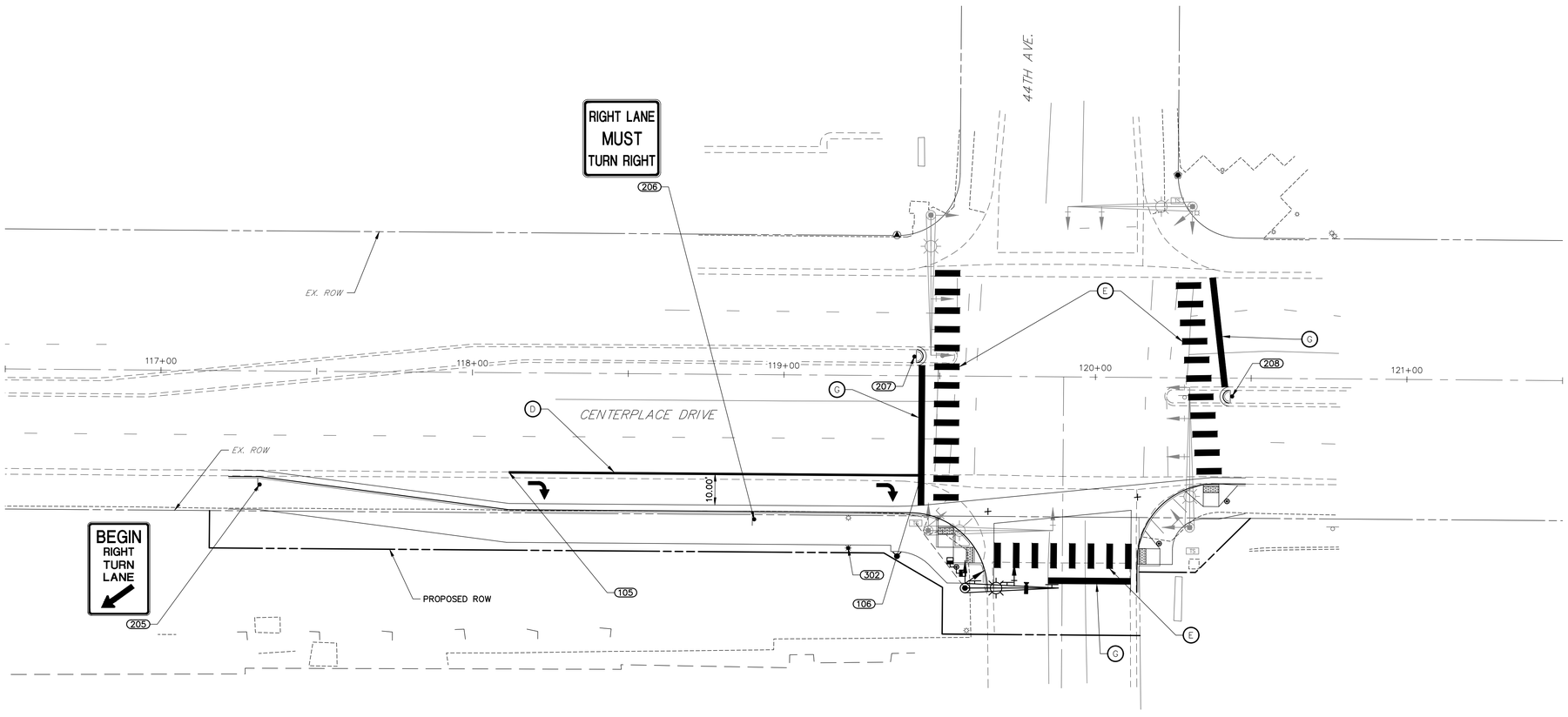
STRIPING TABULATION					
STRIPE NUMBER	STATION	OFFSET	ALIGNMENT	NOTES	DESCRIPTION
105	118+11.95	32.00' (RT)	CL – CENTERPLACE		BEGIN STRIPE
106	119+44.31	32.00' (RT)	CL – CENTERPLACE		END STRIPE

SIGN TABULATION					
SIGN NUMBER	STATION	OFFSET	ALIGNMENT	NOTES	DESCRIPTION
205	117+31.94	36.50' (RT)	CL – CENTERPLACE		R3–20R 24"X36"
206	118+90.79	46.50' (RT)	CL – CENTERPLACE		R3–7R 30"X30"
207	119+41.85	6.16' (LT)	CL – CENTERPLACE		RESET KEEP RIGHT SIGN INSTALL 4" PVC SLEEVE
208	120+43.93	5.87' (RT)	CL – CENTERPLACE		RESET KEEP RIGHT SIGN INSTALL 4" PVC SLEEVE

STREET LIGHT TABULATION						
STREET LIGHT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
302	119+21.05	55.50' (RT)	CL – CENTERPLACE	4862.13		RESET STREET LIGHT



KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 116+50 TO 121+50

LEGEND

- PROPOSED SIGN / EXISTING SIGN
- CDOT DELINEATOR TYPE I (CRYSTAL)
- CDOT DELINEATOR TYPE II (CRYSTAL)
- CDOT DELINEATOR TYPE II (YELLOW)
- CDOT DELINEATOR TYPE II (YELLOW) BACK TO BACK
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- (XX) EXISTING STRIPE
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N
20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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DATE

COLORADO LICENSED ELIJAH C. FARNEY 41677 PROFESSIONAL ENGINEER

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DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

SIGNAGE STRIPING AND LIGHTING PLAN

PHASE II

SHEET 23 OF 37

JOB NO. 39722.02

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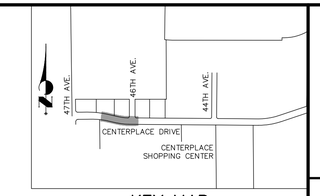
POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
101	105+27.13	34.00' (RT)	CL – CENTERPLACE	4871.34	±	MATCH EX. C&G
102	105+27.13	26.00' (RT)	CL – CENTERPLACE	4871.57	±	MATCH EX. ASPH
103	105+37.13	34.00' (RT)	CL – CENTERPLACE	4871.00		PI
104	106+17.13	44.00' (RT)	CL – CENTERPLACE	4868.54		PI
105	108+08.89	44.00' (RT)	CL – CENTERPLACE	4864.54		PCR/LP
106	108+28.89	64.00' (RT)	CL – CENTERPLACE	4865.39		PCR/MATCH EX. C&G
107	107+76.46	34.00' (LT)	CL – CENTERPLACE	4865.50	±	MATCH EX. C&G
108	107+76.46	26.00' (LT)	CL – CENTERPLACE	4865.77	±	MATCH EX. ASPH
109	107+86.94	34.00' (LT)	CL – CENTERPLACE	4865.31		PCR
110	108+17.98	64.31' (LT)	CL – CENTERPLACE	4864.83		PCR

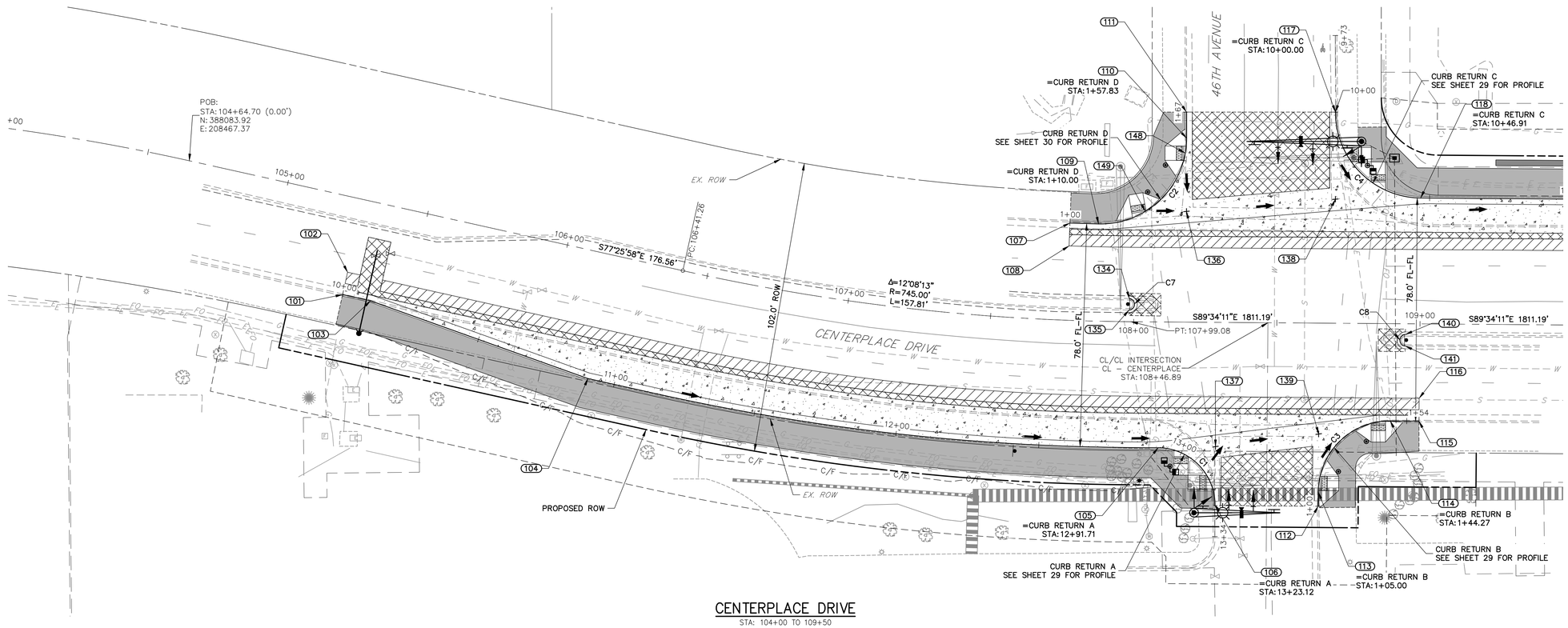
POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
111	108+17.91	73.40' (LT)	CL – CENTERPLACE	4864.87	±	MATCH EX. C&G
112	108+64.89	64.00' (RT)	CL – CENTERPLACE	4865.03	±	MATCH EX. C&G
113	108+64.89	59.00' (RT)	CL – CENTERPLACE	4864.81		PCR
114	108+89.89	34.00' (RT)	CL – CENTERPLACE	4863.26		PCR
115	108+99.89	34.00' (RT)	CL – CENTERPLACE	4863.06	±	MATCH EX. C&G
116	108+99.88	26.00' (RT)	CL – CENTERPLACE	4863.42	±	MATCH EX. ASPH
117	108+69.91	73.78' (LT)	CL – CENTERPLACE	4864.30		PCR/MATCH EX. C&G
118	108+99.91	44.00' (LT)	CL – CENTERPLACE	4862.81		PCR
134	107+98.41	8.08' (LT)	CL – CENTERPLACE	4865.82	±	MATCH EX. C&G NOSE MEDIAN
135	107+98.35	4.06' (LT)	CL – CENTERPLACE	4865.89	±	MATCH EX. C&G NOSE MEDIAN

POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
136	108+18.17	38.68' (LT)	CL – CENTERPLACE	4864.59		FL–FL INTERCEPT
137	108+28.89	43.42' (RT)	CL – CENTERPLACE	4864.20		FL–FL INTERCEPT
138	108+70.13	43.34' (LT)	CL – CENTERPLACE	4863.36		FL–FL INTERCEPT
139	108+64.89	38.75' (RT)	CL – CENTERPLACE	4863.61		FL–FL INTERCEPT
140	108+94.91	3.76' (RT)	CL – CENTERPLACE	4864.01	±	MATCH EX. C&G NOSE MEDIAN
141	108+94.89	7.78' (RT)	CL – CENTERPLACE	4863.97	±	MATCH EX. C&G NOSE MEDIAN
148	108+17.56	59.06' (LT)	CL – CENTERPLACE	4864.85		LP
149	108+03.79	38.59' (LT)	CL – CENTERPLACE	4865.06		LP



KEY MAP
SCALE: 1"=1000'

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	90°00'00"	20.00'	31.42'
C3	90°00'00"	25.00'	39.27'



CENTERPLACE DRIVE
STA: 104+00 TO 109+50

LEGEND

- PROPOSED 2" MILL AND OVERLAY (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
- PROPOSED ASPHALT (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
- PROPOSED CONCRETE (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
- PROPOSED CONCRETE SIDEWALK (6" DEPTH)

NOTES

1. ALL STATIONING IS ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. ALL ELEVATIONS AND OFFSETS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
2. UNLESS OTHERWISE NOTED, C&G SHALL FOLLOW CITY OF GREELEY S–16 DETAIL. SEE SHEET 35.
3. ALL SAWCUTS SHALL BE TO A CLEAN VERTICAL FACE.
4. ALL CURB RAMP WIDTHS SHALL MATCH THE WIDTH OF THE SIDEWALK THEY ARE CONNECTING TO FOR THE THROUGH MOVEMENTS, WITH THE MINIMUM WIDTH BEING 5 FEET WIDE.

20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

COLORADO LICENSED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRIAN WARD
CITY OF GREELEY–PUBLIC WORKS
1001 9TH AVENUE
GREELEY, CO 80631
(970) 350–9792

J·R ENGINEERING
A Westrian Company
Centennial 303–740–9393 • Colorado Springs 719–593–2593
Fort Collins 970–491–9888 • www.jrengineering.com

No.	REVISION	BY	DATE

H–SCALE	1"=20'
V–SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS
STREET PLAN
PHASE I

SHEET 24 OF 37
JOB NO. 39722.02

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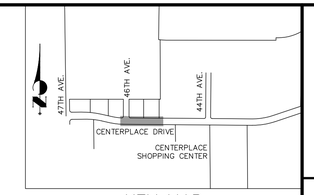
POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
105	108+08.89	44.00' (RT)	CL – CENTERPLACE	4864.54		PCR/LP
106	108+28.89	64.00' (RT)	CL – CENTERPLACE	4865.39		PCR/MATCH EX. C&G
107	107+76.46	34.00' (LT)	CL – CENTERPLACE	4865.50	±	MATCH EX. C&G
108	107+76.46	26.00' (LT)	CL – CENTERPLACE	4865.77	±	MATCH EX. ASPH
109	107+86.94	34.00' (LT)	CL – CENTERPLACE	4865.31		PCR
110	108+17.98	64.31' (LT)	CL – CENTERPLACE	4864.83		PCR
111	108+17.91	73.40' (LT)	CL – CENTERPLACE	4864.87	±	MATCH EX. C&G
112	108+64.89	64.00' (RT)	CL – CENTERPLACE	4865.03	±	MATCH EX. C&G
113	108+64.89	59.00' (RT)	CL – CENTERPLACE	4864.81		PCR
114	108+89.89	34.00' (RT)	CL – CENTERPLACE	4863.26		PCR

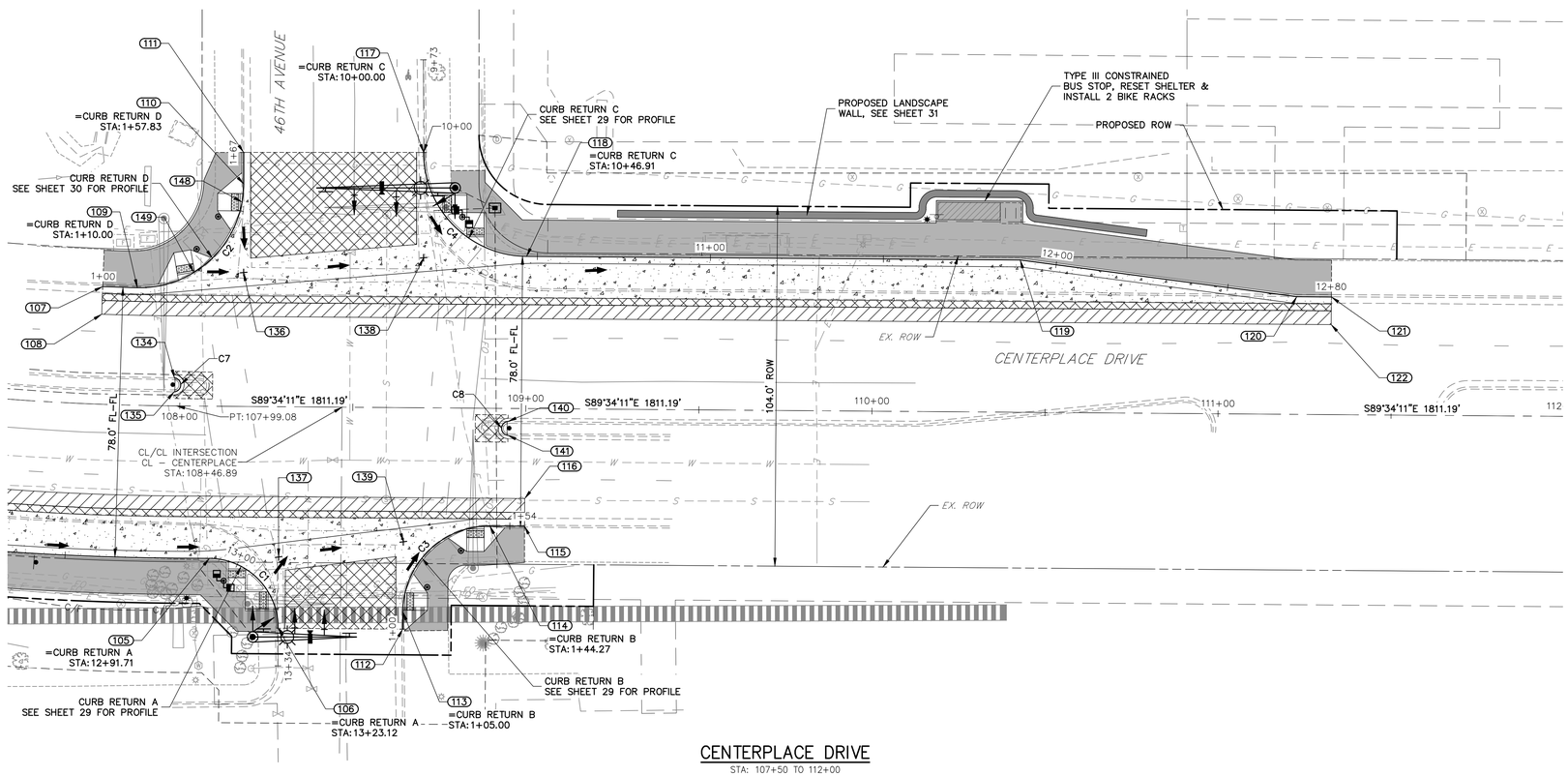
POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
115	108+99.89	34.00' (RT)	CL – CENTERPLACE	4863.06	±	MATCH EX. C&G
116	108+99.88	26.00' (RT)	CL – CENTERPLACE	4863.42	±	MATCH EX. ASPH
117	108+69.91	73.78' (LT)	CL – CENTERPLACE	4864.30		PCR/MATCH EX. C&G
118	108+99.91	44.00' (LT)	CL – CENTERPLACE	4862.81		PCR
119	110+42.52	44.00' (LT)	CL – CENTERPLACE	4860.77		PI
120	111+22.52	34.00' (LT)	CL – CENTERPLACE	4860.16		PI
121	111+32.52	34.00' (LT)	CL – CENTERPLACE	4860.01	±	MATCH EX. C&G
122	111+32.52	26.00' (LT)	CL – CENTERPLACE	4860.31	±	MATCH EX. ASPH
134	107+98.41	8.08' (LT)	CL – CENTERPLACE	4865.82	±	MATCH EX. C&G NOSE MEDIAN
135	107+98.35	4.06' (LT)	CL – CENTERPLACE	4865.89	±	MATCH EX. C&G NOSE MEDIAN

POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
136	108+18.17	38.68' (LT)	CL – CENTERPLACE	4864.59		FL–FL INTERCEPT
137	108+28.89	43.42' (RT)	CL – CENTERPLACE	4864.20		FL–FL INTERCEPT
138	108+70.13	43.34' (LT)	CL – CENTERPLACE	4863.36		FL–FL INTERCEPT
139	108+64.89	38.75' (RT)	CL – CENTERPLACE	4863.61		FL–FL INTERCEPT
140	108+94.91	3.76' (RT)	CL – CENTERPLACE	4864.01	±	MATCH EX. C&G NOSE MEDIAN
141	108+94.89	7.78' (RT)	CL – CENTERPLACE	4863.97	±	MATCH EX. C&G NOSE MEDIAN
148	108+17.56	59.06' (LT)	CL – CENTERPLACE	4864.85		LP
149	108+03.79	38.59' (LT)	CL – CENTERPLACE	4865.06		LP

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C1	90°00'00"	20.00'	31.42'
C3	90°00'00"	25.00'	39.27'



KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 107+50 TO 112+00

LEGEND

- PROPOSED 2" MILL AND OVERLAY (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
- PROPOSED ASPHALT (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
- PROPOSED CONCRETE (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
- PROPOSED CONCRETE SIDEWALK (6" DEPTH)

NOTES

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20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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PREPARED UNDER MY SUPERVISION

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PREPARED FOR
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CITY OF GREELEY–PUBLIC WORKS
1001 9TH AVENUE
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V–SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS
STREET PLAN
PHASE I

SHEET 25 OF 37
JOB NO. 39722.02

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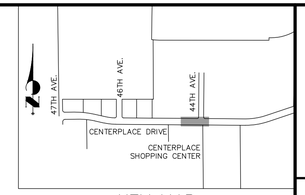
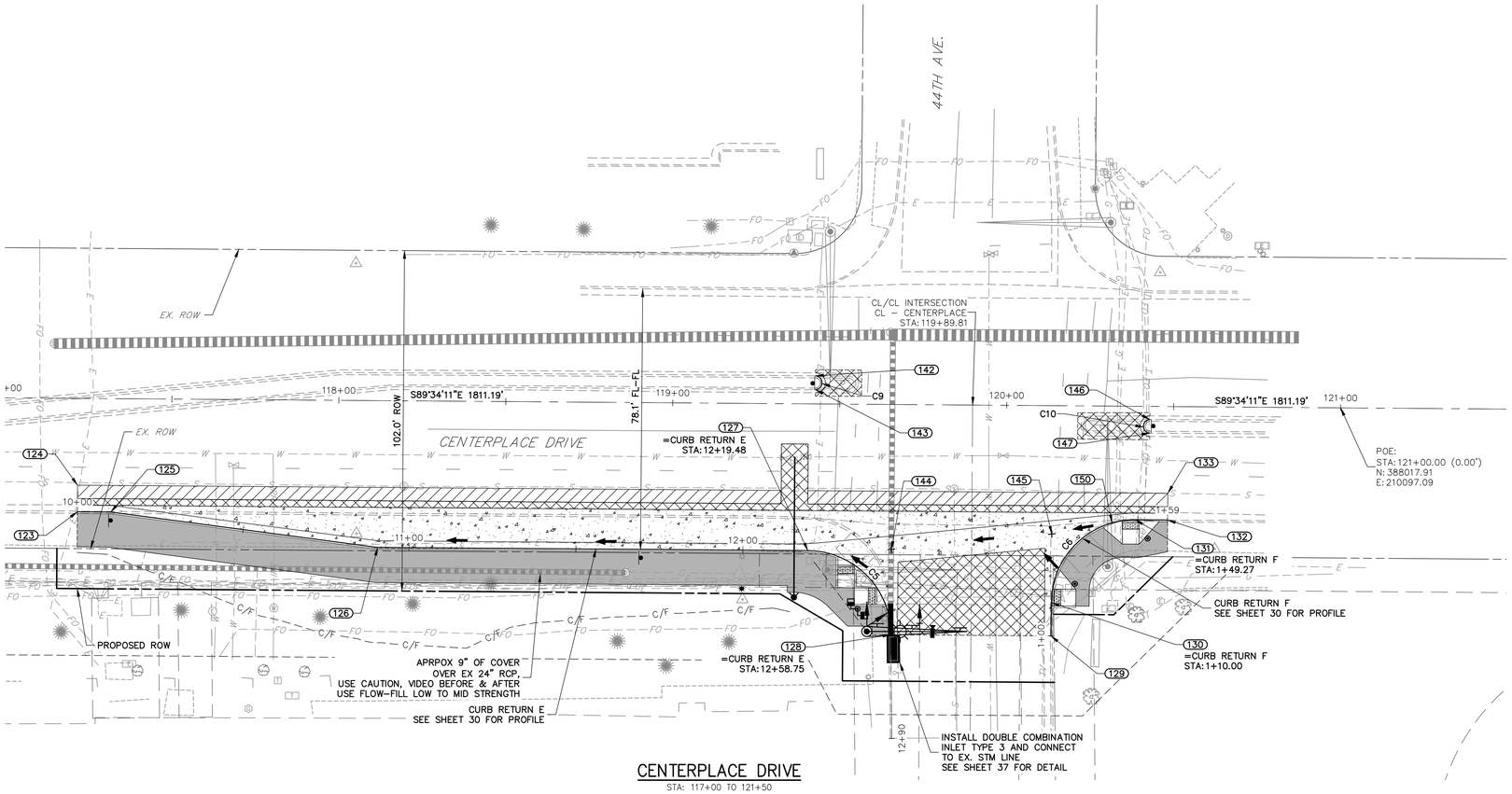
POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
123	117+21.95	34.00' (RT)	CL – CENTERPLACE	4860.36	±	MATCH EX. C&G
124	117+21.95	26.00' (RT)	CL – CENTERPLACE	4860.67	±	MATCH EX. ASPH
125	117+31.95	34.00' (RT)	CL – CENTERPLACE	4860.41		PI
126	118+11.95	44.00' (RT)	CL – CENTERPLACE	4860.52		PI
127	119+40.81	44.00' (RT)	CL – CENTERPLACE	4861.38		PCR
128	119+65.81	69.00' (RT)	CL – CENTERPLACE	4862.50		PCR/MATCH EX. C&G
129	120+13.81	69.00' (RT)	CL – CENTERPLACE	4863.30	±	MATCH EX. C&G
130	120+13.81	59.00' (RT)	CL – CENTERPLACE	4863.02		PCR
131	120+38.81	34.00' (RT)	CL – CENTERPLACE	4862.13		PCR
132	120+48.44	34.00' (RT)	CL – CENTERPLACE	4862.19	±	MATCH EX. C&G

POINT TABULATION						
POINT NUMBER	STATION	OFFSET	ALIGNMENT	ELEVATION	NOTES	DESCRIPTION
133	120+48.44	26.00' (RT)	CL – CENTERPLACE	4862.49	±	MATCH EX. ASPH
142	119+42.71	8.39' (LT)	CL – CENTERPLACE	4862.24	±	MATCH EX. C&G NOSE MEDIAN
143	119+42.71	4.24' (LT)	CL – CENTERPLACE	4862.38	±	MATCH EX. C&G NOSE MEDIAN
144	119+65.81	43.43' (RT)	CL – CENTERPLACE	4861.63		FL–FL INTERCEPT
145	120+13.81	38.46' (RT)	CL – CENTERPLACE	4861.92		FL–FL INTERCEPT
146	120+42.90	3.94' (RT)	CL – CENTERPLACE	4862.94	±	MATCH EX. C&G NOSE MEDIAN
147	120+42.90	8.00' (RT)	CL – CENTERPLACE	4862.84	±	MATCH EX. C&G NOSE MEDIAN
150	120+31.86	34.99' (RT)	CL – CENTERPLACE	4862.09		LP/GB

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C5	90°00'00"	25.00'	39.27'
C6	90°00'00"	25.00'	39.27'



KEY MAP
SCALE: 1"=1000'



CENTERPLACE DRIVE
STA: 117+00 TO 121+50

LEGEND

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- PROPOSED ASPHALT (SEE SHEET 4 FOR PAVEMENT SECTION DETAILS)
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20 10 0 20 40
ORIGINAL SCALE: 1" = 20'

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V–SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS
STREET PLAN
PHASE II

SHEET 26 OF 37
JOB NO. 39722.02

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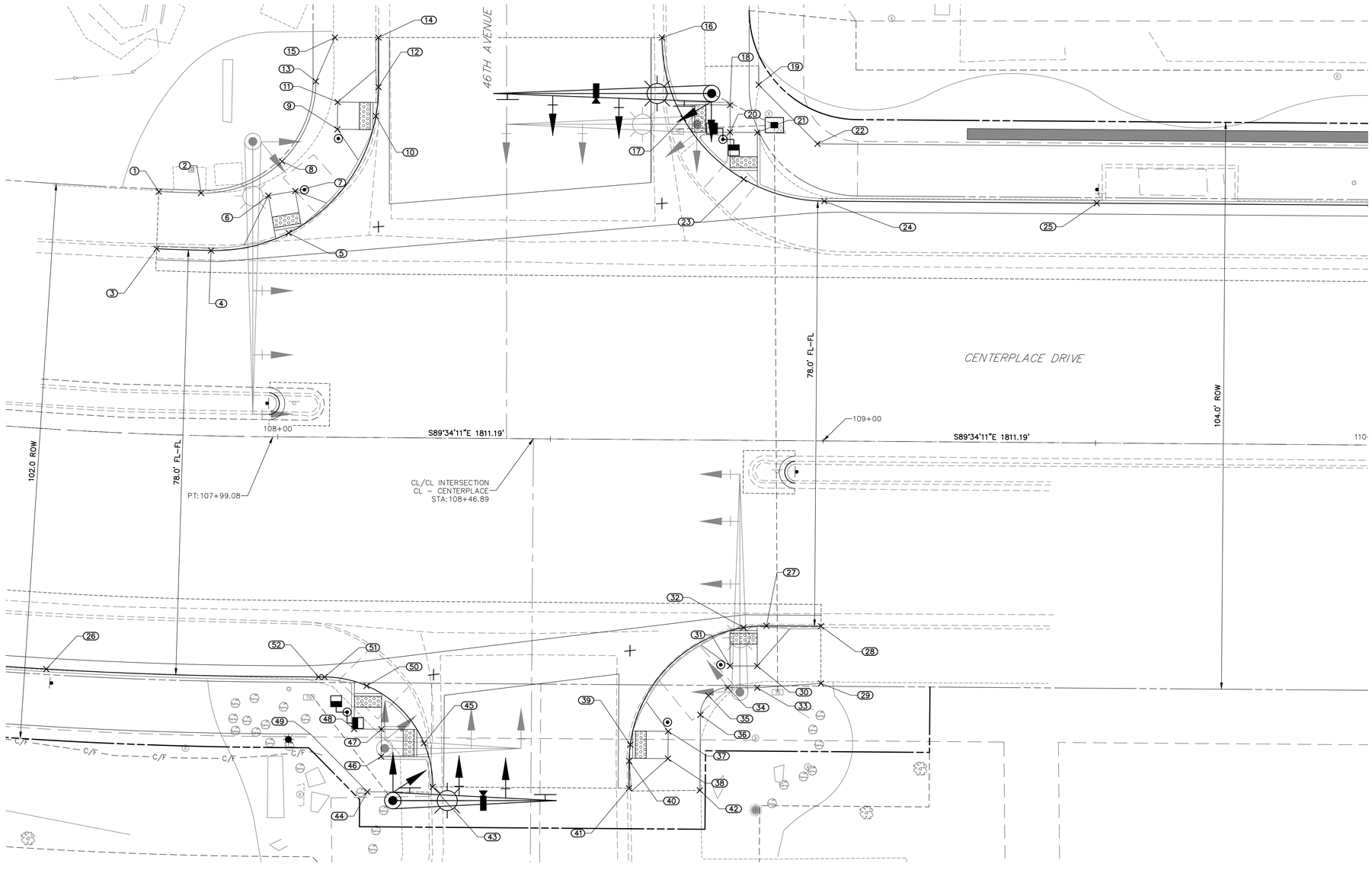
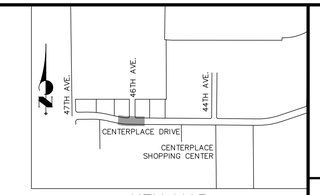


CENTERPLACE DRIVE

STA: 107+50 TO 110+00



KEY MAP

SCALE: 1"=1000'

POINT TABULATION			
POINT NUMBER	NORTHING	EASTING	ELEVATION
1	388072.66	208775.27	4866.18
2	388072.41	208783.04	4866.04
3	388062.17	208774.88	4865.50
4	388061.86	208784.87	4865.31
5	388065.06	208799.10	4865.06
6	388071.92	208795.38	4865.76
7	388072.77	208800.31	4865.60
8	388078.21	208797.88	4865.69
9	388084.09	208808.05	4865.39
10	388086.54	208815.11	4864.85
11	388089.09	208808.09	4865.42
12	388091.84	208815.59	4864.83
13	388092.89	208804.09	4865.41

POINT TABULATION			
POINT NUMBER	NORTHING	EASTING	ELEVATION
14	388100.94	208815.59	4864.87
15	388100.94	208807.59	4865.39
16	388100.92	208867.59	4864.30
17	388086.11	208871.50	4863.81
18	388088.55	208880.09	4864.35
19	388092.26	208885.35	4864.51
20	388083.55	208880.08	4863.98
21	388083.51	208885.08	4863.98
22	388081.43	208896.11	4863.57
23	388074.94	208882.58	4863.30
24	388070.92	208897.36	4862.81
25	388070.54	208947.36	4862.00
26	387985.07	208754.64	4865.45

POINT TABULATION			
POINT NUMBER	NORTHING	EASTING	ELEVATION
27	387993.00	208886.76	4863.26
28	387992.92	208896.76	4863.06
29	387982.43	208896.75	4863.75
30	387985.63	208885.06	4863.83
31	387985.63	208880.06	4863.88
32	387992.67	208882.56	4863.32
33	387981.63	208885.06	4863.92
34	387981.63	208879.64	4864.00
35	387980.18	208876.11	4864.21
36	387976.67	208874.63	4864.51
37	387973.63	208868.72	4864.63
38	387968.63	208868.69	4865.06
39	387971.18	208861.77	4864.67

POINT TABULATION			
POINT NUMBER	NORTHING	EASTING	ELEVATION
40	387968.18	208861.57	4864.81
41	387963.18	208861.53	4865.03
42	387962.82	208874.53	4865.59
43	387963.45	208825.53	4865.39
44	387962.54	208813.54	4866.12
45	387971.47	208823.92	4865.17
46	387969.03	208816.08	4865.76
47	387974.03	208816.11	4865.39
48	387974.06	208811.11	4865.42
49	387973.12	208803.12	4865.26
50	387981.99	208813.42	4864.76
51	387983.60	208805.68	4864.54
52	387983.61	208804.58	4864.55

10 5 0 10 20

ORIGINAL SCALE: 1" = 10'

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

NOTES

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ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION AT THIS TIME

COLORADO LICENSED ELIJAH C. FARNEY 41677 PROFESSIONAL ENGINEER

ELIJAH C. FARNEY, P.E. DATE
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J·R ENGINEERING
A Westrian Company
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Fort Collins 970-491-9888 • www.jrengineering.com

No.	REVISION	BY	DATE

H-SCALE	1"=10'
V-SCALE	N/A
DATE	01/31/20
DESIGNED BY	SRM
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

SPOT ELEVATION PLAN

PHASE I

SHEET 27 OF 37

JOB NO. 39722.02

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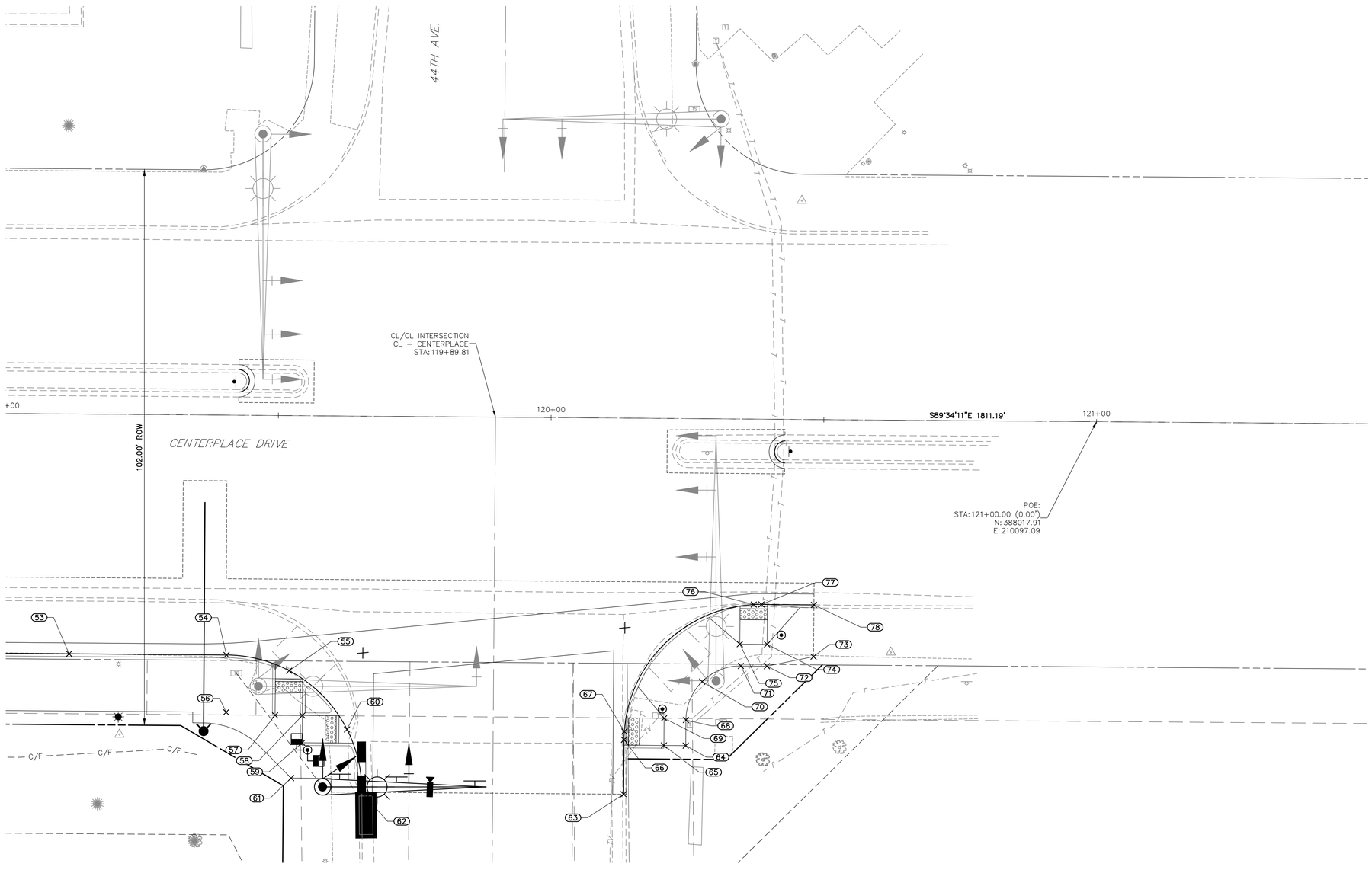
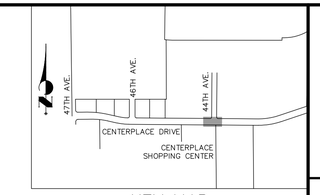


CENTERPLACE DRIVE

STA: 119+00 TO 121+50



KEY MAP

SCALE: 1"=1000'

POINT TABULATION			
POINT NUMBER	NORTHING	EASTING	ELEVATION
53	387975.32	209908.72	4861.11
54	387975.10	209937.57	4861.38
55	387972.22	209949.05	4861.72
56	387964.60	209937.51	4862.08
57	387964.04	209946.49	4862.31
58	387964.00	209951.49	4862.36
59	387959.00	209951.45	4862.75
60	387961.44	209959.67	4862.16
61	387952.51	209949.42	4863.10
62	387949.92	209962.38	4862.50
63	387949.56	210010.38	4863.30
64	387958.47	210021.77	4863.73
65	387958.50	210017.77	4863.65

POINT TABULATION			
POINT NUMBER	NORTHING	EASTING	ELEVATION
66	387959.56	210010.46	4863.02
67	387961.06	210010.51	4862.97
68	387963.16	210021.81	4863.43
69	387963.50	210017.81	4863.35
70	387970.21	210024.79	4863.10
71	387973.09	210031.88	4862.76
72	387973.05	210036.66	4862.82
73	387974.80	210045.20	4862.91
74	387977.05	210036.69	4862.74
75	387977.09	210031.69	4862.68
76	387984.34	210034.24	4862.12
77	387984.37	210035.64	4862.13
78	387984.30	210045.28	4862.19

NOTES

1. ALL STATIONING IS ROADWAY CENTERLINE UNLESS OTHERWISE NOTED. ALL ELEVATIONS AND OFFSETS ARE TO FLOWLINE UNLESS OTHERWISE NOTED.
2. UNLESS OTHERWISE NOTED, C&G SHALL FOLLOW CITY OF GREELEY S-16 DETAIL. SEE SHEET 35.
3. ALL SAWCUTS SHALL BE TO A CLEAN VERTICAL FACE.
4. ALL CURB RAMP WIDTHS SHALL MATCH THE WIDTH OF THE SIDEWALK THEY ARE CONNECTING TO FOR THE THROUGH MOVEMENTS, WITH THE MINIMUM WIDTH BEING 5 FEET WIDE.

10 5 0 10 20

ORIGINAL SCALE: 1" = 10'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING

DATE

COLORADO LICENSED
ELIJAH C. FARNEY
41677
PROFESSIONAL ENGINEER

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRIAN WARD
CITY OF GREELEY–PUBLIC WORKS
1001 9TH AVENUE
GREELEY, CO 80631
(970) 350–9792

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Fort Collins 970–491–9888 • www.jrengineering.com

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V–SCALE	N/A
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CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

SPOT ELEVATION PLAN

PHASE II

SHEET 28 OF 37

JOB NO. 39722.02

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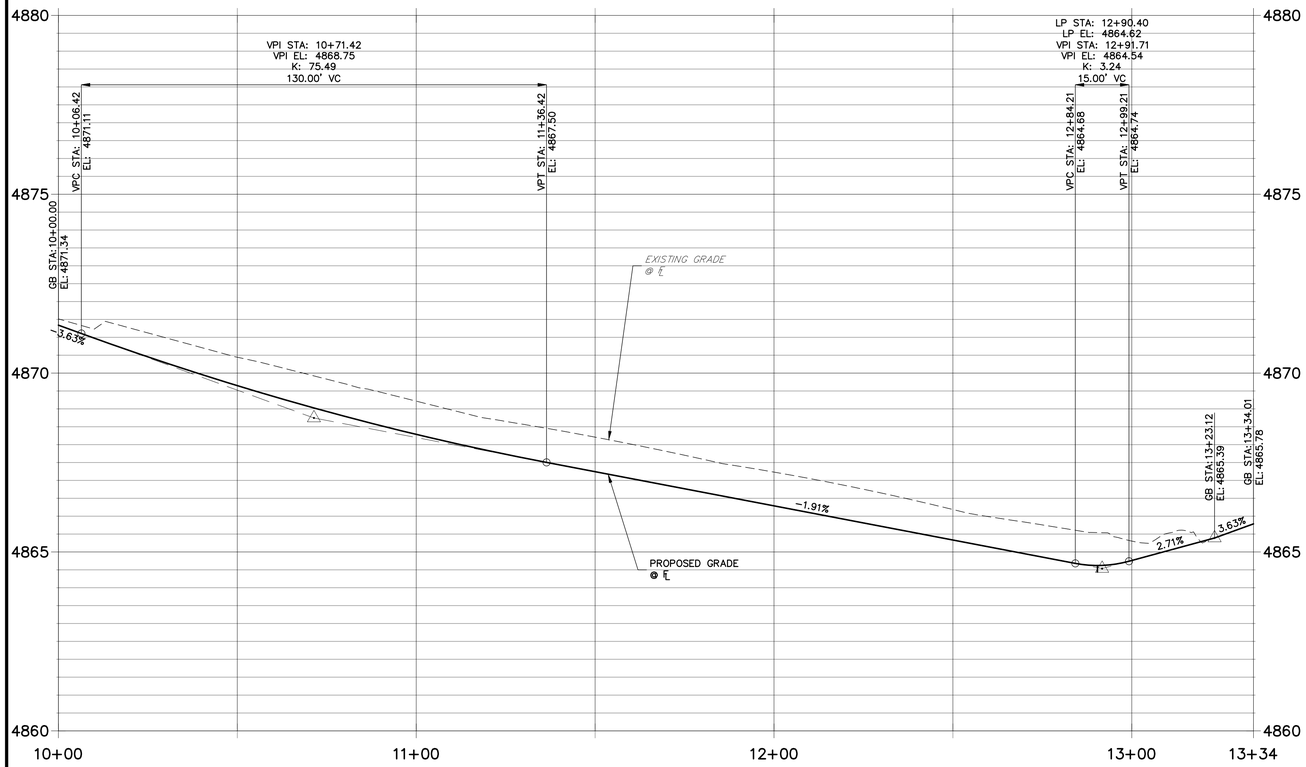
CURB RETURN A PROFILE
STA 10+00.00 TO 13+34.01



CURB RETURN B PROFILE
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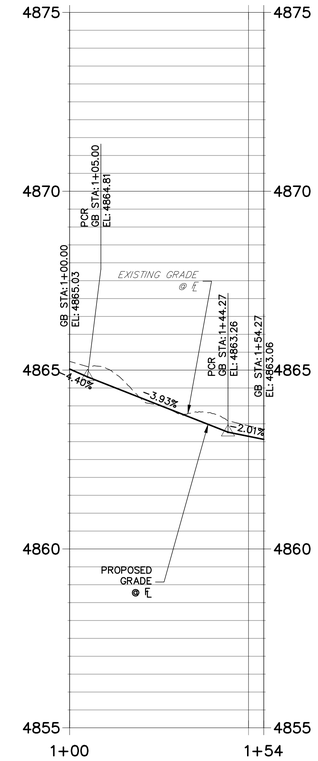
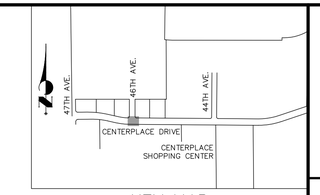
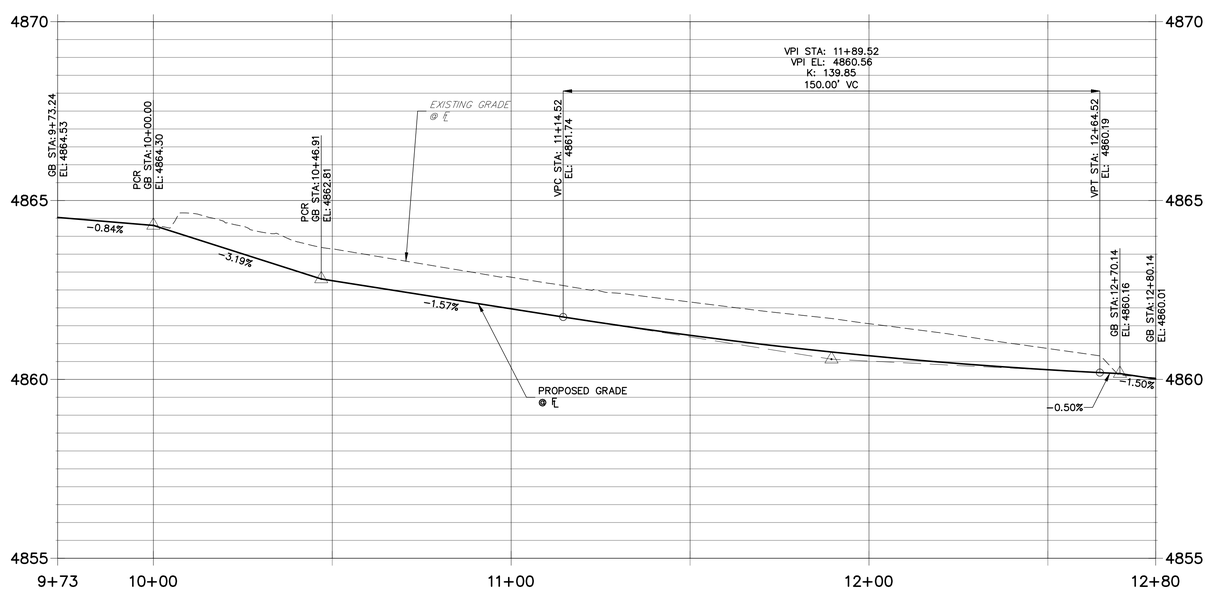




KEY MAP
SCALE: 1"=1000'

CURB RETURN C PROFILE
STA 9+73.24 TO 12+80.14



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2 1 0 2 4
VERTICAL
ORIGINAL SCALE: 1" = 2'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

COLORADO REGISTERED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677

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DATE	01/31/20
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DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS
CURB RETURN PROFILES
PHASE I

SHEET 29 OF 37
JOB NO. 39722.02

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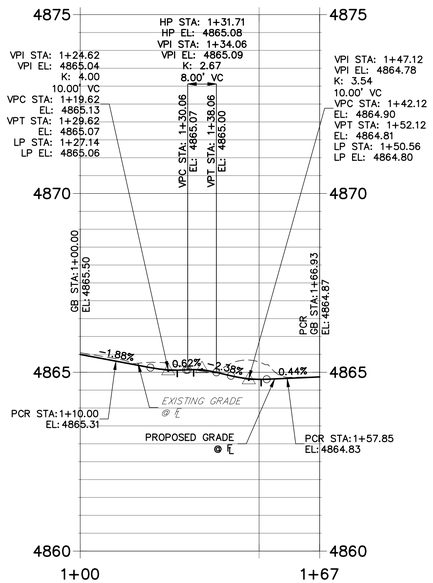
CURB RETURN D PROFILE
STA 1+00.00 TO 1+66.93



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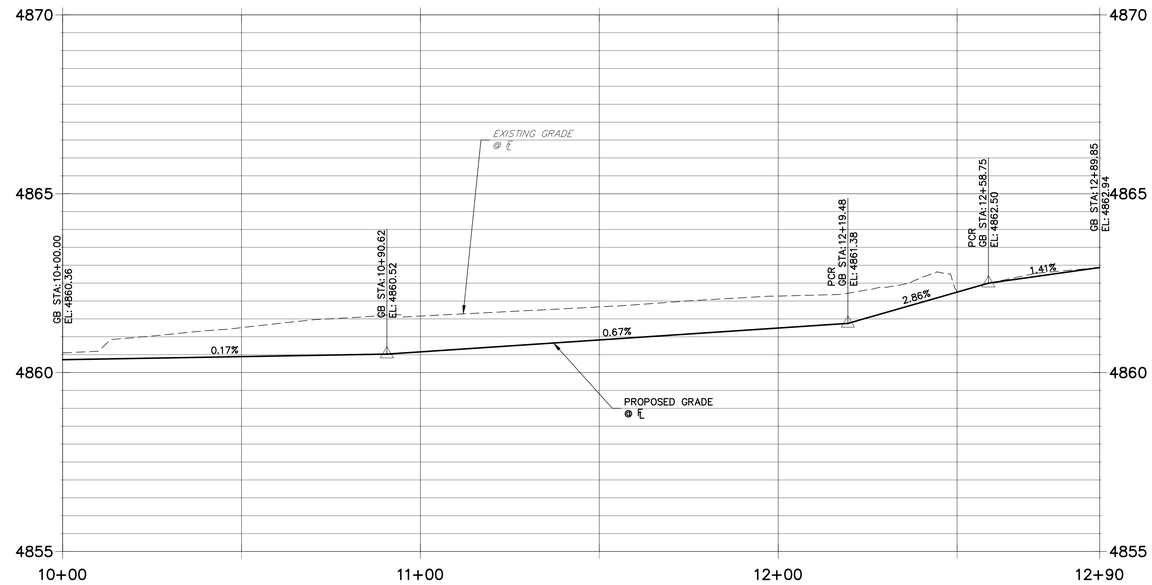

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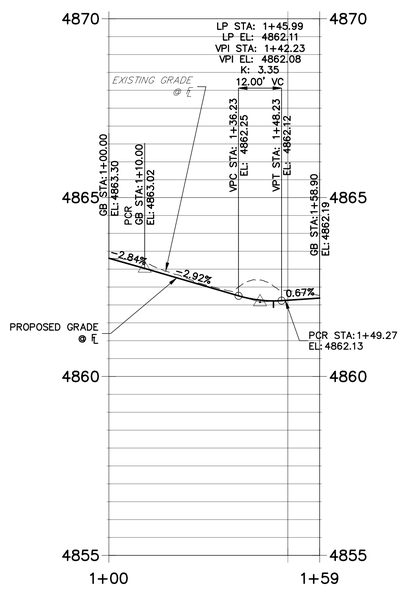

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2 1 0 2 4
VERTICAL
ORIGINAL SCALE: 1" = 2'

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

ENGINEER'S STATEMENT

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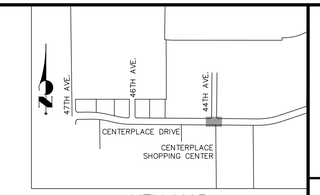
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

COLORADO REGISTERED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677



KEY MAP
SCALE: 1"=1000'

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

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CITY OF GREELEY-PUBLIC WORKS
1001 9TH AVENUE
GREELEY, CO 80631
(970) 350-9792

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No.	REVISION	BY	DATE

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V-SCALE	1" = 2'
DATE	01/31/20
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DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS
CURB RETURN PROFILES
PHASE II

SHEET 30 OF 37
JOB NO. 39722.02

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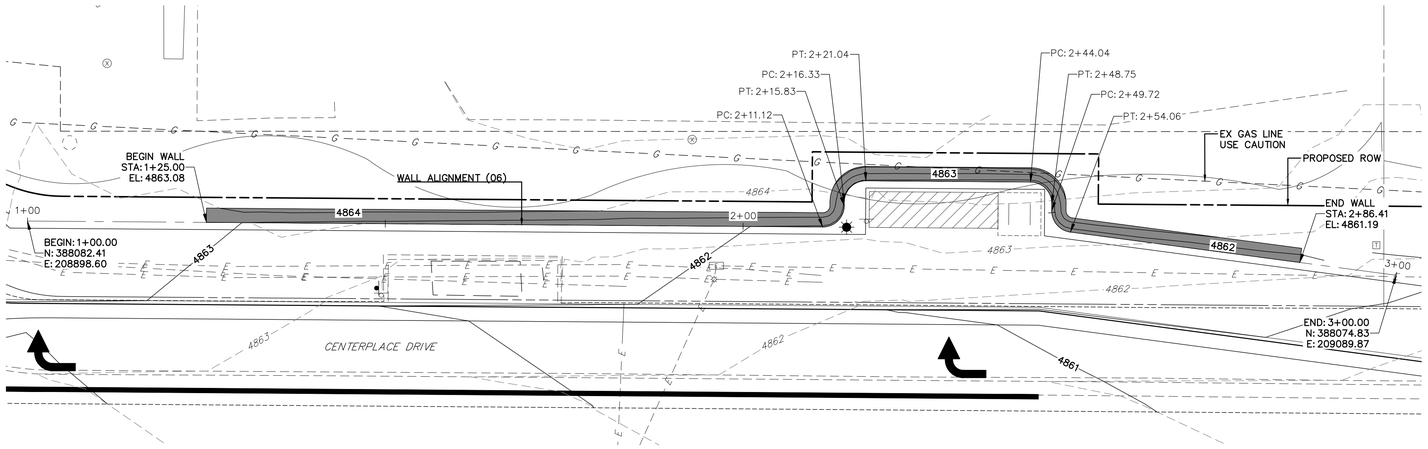
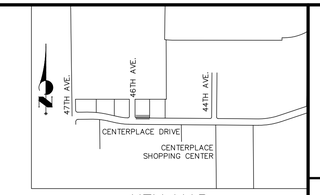
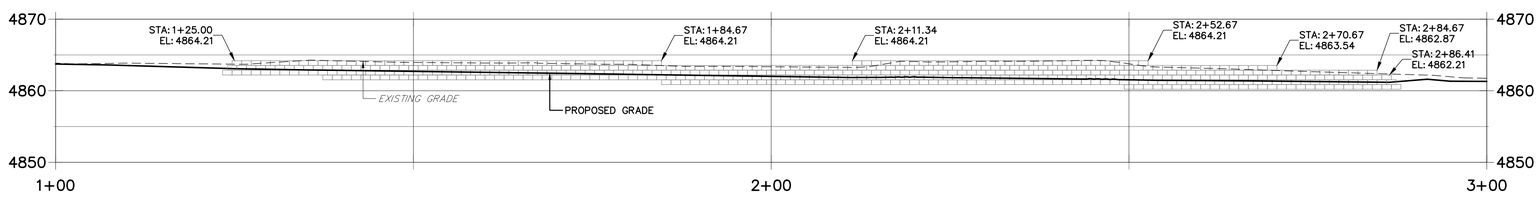


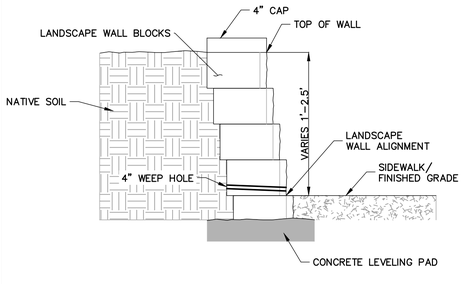


KEY MAP
SCALE: 1"=1000'

10 5 0 10 20
HORIZONTAL
ORIGINAL SCALE: 1" = 10'
VERTICAL
ORIGINAL SCALE: 1" = 10'

ALIGNMENT (06) PROFILE
STA 1+00.00 TO 3+00.00





LANDSCAPE WALL DETAIL
SCALE: NTS

LANDSCAPE WALL NOTES

1. BLOCKS AND CAPS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. ALL BLOCKS (EXCEPT CAPS) SHALL BE 8" TALL. BLOCKS AND CAPS TO BE LIGHT BROWN.
3. LANDSCAPE WALL WORK AND MATERIALS SHALL CONFORM TO REVISION OF SECTION 504 STONE LANDSCAPE WALL.
4. THE CONTRACTOR SHALL SUBMIT A WALL DESIGN TO ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

COLORADO LICENSED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677

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V-SCALE	1"=10'
DATE	01/31/20
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DRAWN BY	NAS
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

LANDSCAPE WALL PLAN AND PROFILE

PHASE I

SHEET 31 OF 37

JOB NO. 39722.02

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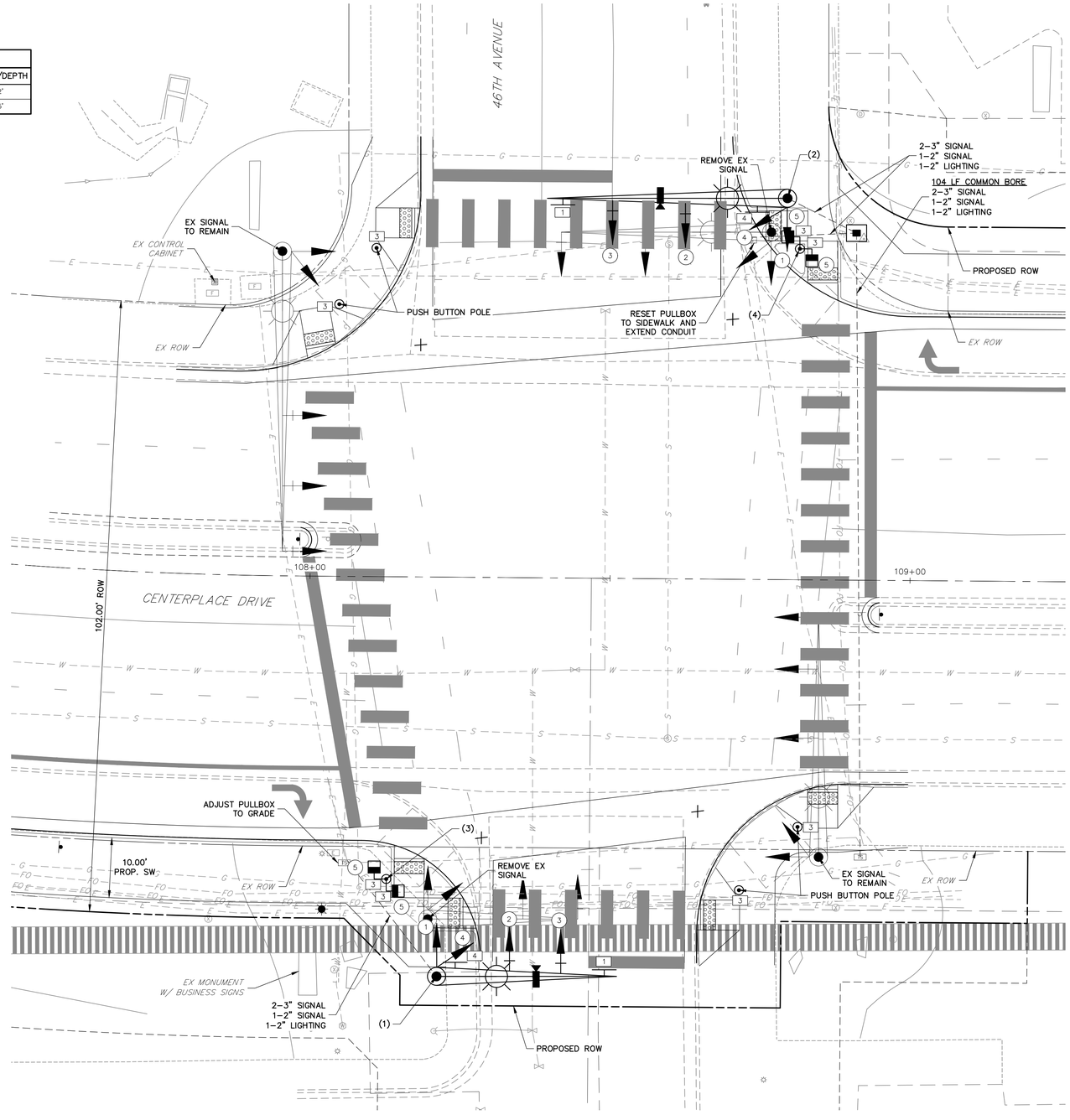
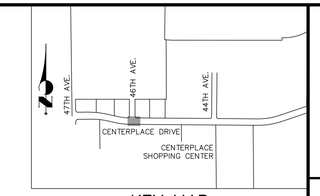
SIGNAL POLE SCHEDULE						
POLE NUMBER	LOCATION	STATION	OFFSET	ELEVATION	MAST ARM	BASE DIA./DEPTH
(1)	SW CORNER	108+21.58	66.58' (RT)	4866.59	30.00	36"/12'
(2)	NE CORNER	108+79.10	63.59' (LT)	4864.44	40.00	36"/15'

PEDESTAL POLE SCHEDULE					
POLE NUMBER	LOCATION	NORTHING	EASTING	ELEVATION	BASE DIA./DEPTH
(3)	SW CORNER	387977.16	208809.82	4865.32	18"/4'
(4)	NE CORNER	388082.24	208878.76	4863.99	18"/4'



CENTERPLACE DRIVE

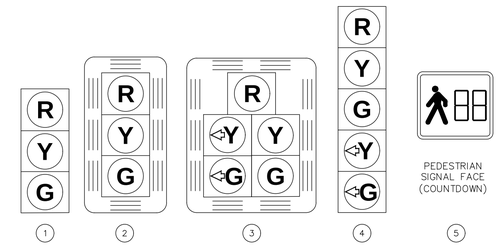
46TH AVENUE INTERSECTION



KEY MAP

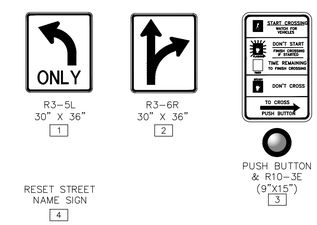
SCALE: 1"=1000'

TRAFFIC SIGNAL FACE LEGEND

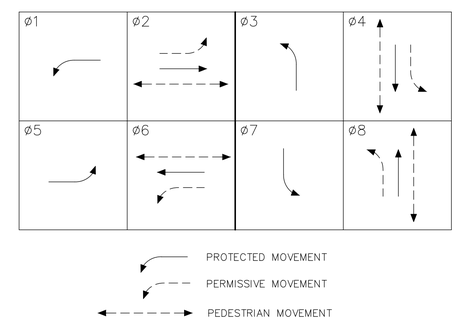


- ALL VEHICLE SIGNAL HEADS SHALL BE POLYCARBONATE WITH 12-INCH SECTIONS AND TUNNEL VISORS.
- ALL VEHICLE AND PEDESTRIAN SIGNAL HEADS SHALL BE BLACK IN COLOR.
- ALL RED, YELLOW AND GREEN "BALL AND ARROW" VEHICLE INDICATIONS AND ALL PEDESTRIAN SYMBOL INDICATIONS SHALL BE APPROVED LED TYPE.

SIGNAGE LEGEND



SIGNAL PHASING DIAGRAM



NOTES

1. EXTEND 1-2" CONDUIT AND 1-3" CONDUIT TO ALL PEDESTAL POLES AND PUSH BUTTON POLES.
2. AT ALL PUSH BUTTON POLE LOCATIONS, CONCRETE SHALL BE PLACED IN THE AREA BETWEEN THE SIDEWALK AND THE BASE OF THE POLE.
3. ELEVATIONS ARE TO FINISHED GRADE UNLESS OTHERWISE NOTED.
4. THE EXISTING SIGNALS SHALL BE REMOVED AFTER THE NEW SIGNALS ARE INSTALLED AND PUT INTO OPERATION.
5. ALL TRAFFIC SIGNALS SHALL BE IN COMPLIANCE WITH THE CURRENT MUTCD STANDARDS.

10 5 0 10 20

ORIGINAL SCALE: 1" = 10'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC

DATE

COLORADO LICENSED ELIJAH C. FARNEY 41677 PROFESSIONAL ENGINEER

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DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

TRAFFIC SIGNAL PLAN

PHASE I

SHEET 32 OF 37

JOB NO. 39722.02

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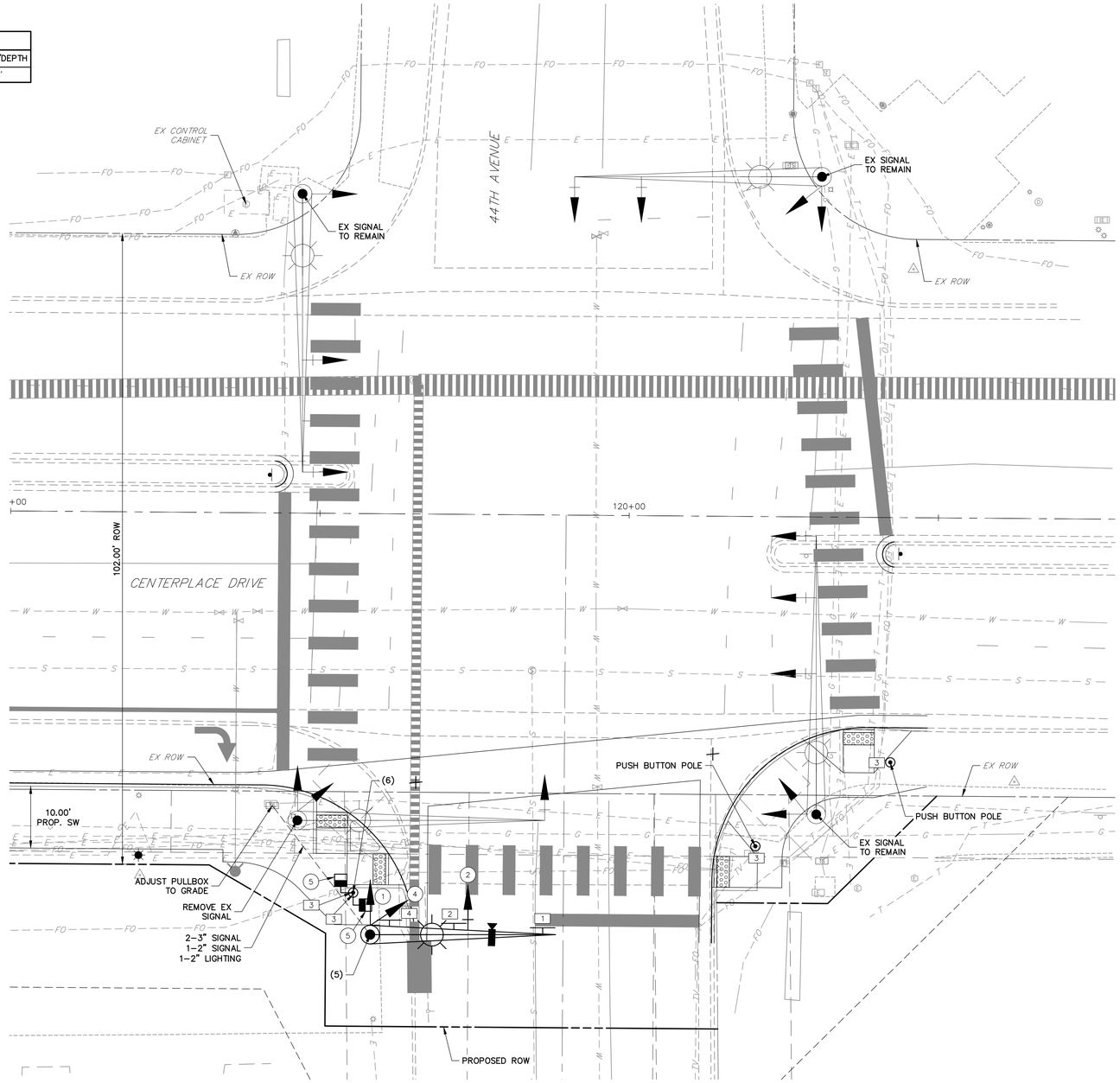
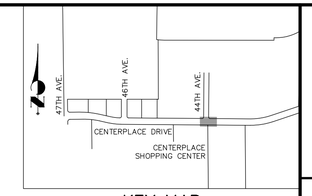
SIGNAL POLE SCHEDULE						
POLE NUMBER	LOCATION	STATION	OFFSET	ELEVATION	MAST ARM	BASE DIA./DEPTH
(5)	SW CORNER	119+58.61	68.08' (RT)	4863.74	30.00	36"/12'

PEDESTAL POLE SCHEDULE					
POLE NUMBER	LOCATION	NORTHING	EASTING	ELEVATION	BASE DIA./DEPTH
(6)	SW CORNER	387957.67	209952.44	4862.80	18"/4'



CENTERPLACE DRIVE

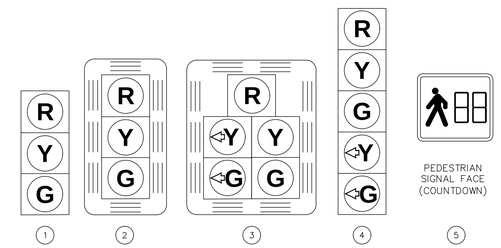
44TH AVENUE INTERSECTION



KEY MAP

SCALE: 1"=1000'

TRAFFIC SIGNAL FACE LEGEND



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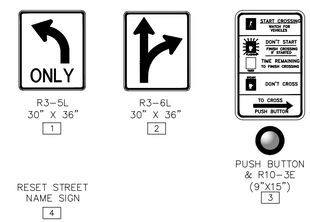
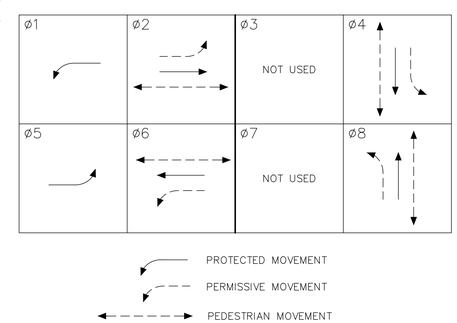
SIGNAGE LEGEND



SIGNAL PHASING DIAGRAM



NOTES

1. EXTEND 1-2" CONDUIT AND 1-3" CONDUIT TO ALL PEDESTAL POLES AND PUSH BUTTON POLES.
2. AT ALL PUSH BUTTON POLE LOCATIONS, CONCRETE SHALL BE PLACED IN THE AREA BETWEEN THE SIDEWALK AND THE BASE OF THE POLE.
3. ELEVATIONS ARE TO FINISHED GRADE UNLESS OTHERWISE NOTED.
4. THE EXISTING SIGNALS SHALL BE REMOVED AFTER THE NEW SIGNALS ARE INSTALLED AND PUT INTO OPERATION.
5. ALL TRAFFIC SIGNALS SHALL BE IN COMPLIANCE WITH THE CURRENT MUTCD STANDARDS.

10 5 0 10 20

ORIGINAL SCALE: 1" = 10'

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

ENGINEER'S STATEMENT

PREPARED UNDER MY SUPERVISION

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING

DATE

COLORADO LICENSED PROFESSIONAL ENGINEER ELIJAH C. FARNEY 41677

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRIAN WARD
CITY OF GREELEY-PUBLIC WORKS
1001 9TH AVENUE
GREELEY, CO 80631
(970) 350-9792

J·R ENGINEERING
A Westrian Company
Centennial 303-740-9393 • Colorado Springs 719-593-2593
Fort Collins 970-491-9888 • www.jrengineering.com

No.	REVISION	BY	DATE

H-SCALE	1"=10'
V-SCALE	N/A
DATE	01/31/20
DESIGNED BY	ECF
DRAWN BY	SRM
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS

TRAFFIC SIGNAL PLAN

PHASE II

SHEET 33 OF 37

JOB NO. 39722.02

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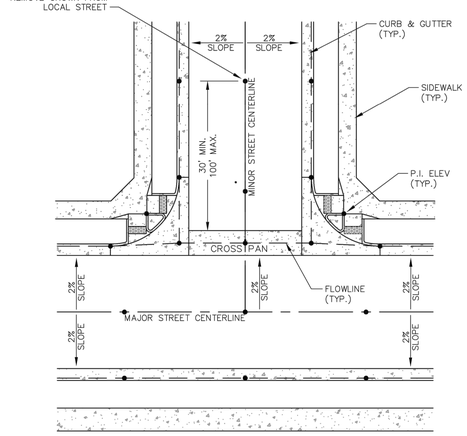


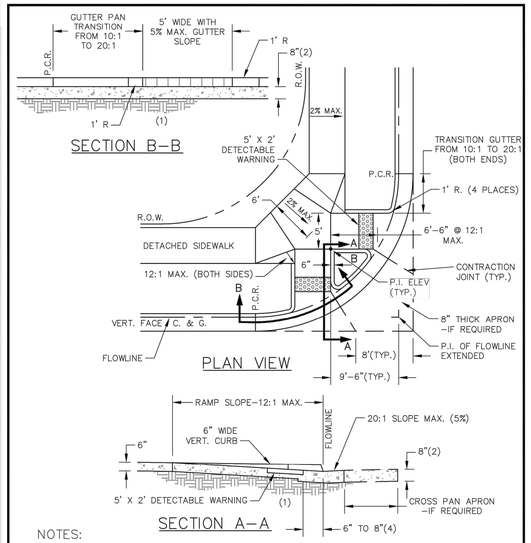
NOTES:

1. DESIGN ENGINEER SHALL PROVIDE ELEVATIONS AT THESE POINTS (●) ON THE CONSTRUCTION DRAWINGS.
2. ALL ELEVATION POINTS SHALL BE STAKED FOR CONSTRUCTION.
3. ALL FLOWLINE GRADES THAT ARE NOT PARALLEL TO CENTERLINE SHALL BE LABELED ON INTERSECTION DETAILS OR A PROFILE DRAWING SHALL BE PROVIDED.

City of Greeley Colorado

STREET INTERSECTION
CROSS PAN APPROACH DETAIL
DETAIL NO. S–7

DATE: JULY, 2015 SCALE: N.T.S.



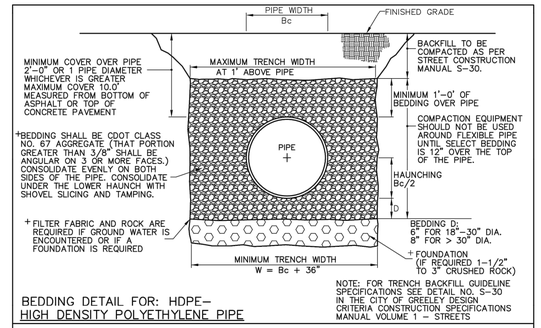
NOTES:

1. COMPACTED SUBGRADE (SEE SPECIFICATIONS).
2. 8" CONCRETE THICKNESS APPLIES TO CURB RETURN CURB AND GUTTER AND CROSS PAN APRON.
3. CONSTRUCT CURB RAMPS AT ALL INTERSECTIONS.
4. ADA DETECTABLE WARNINGS SHALL BE INSTALLED 6" TO 8" FROM THE CLOSEST POINT OF THE FLOWLINE. SEE ADA DETECTABLE WARNING DETAIL.
5. EXTEND 20:1 GUTTER PAN SLOPE THROUGH THE CURB AND GUTTER BETWEEN RAMPS.
6. DIMENSIONS ARE BASED UPON THE USE OF DETACHED SIDEWALK AND A 90° CURB RETURN DELTA. USE OF A DIFFERENT RADIUS OR A SIGNIFICANT DELTA DIFFERENCE WILL ALTER SOME DIMENSIONS.

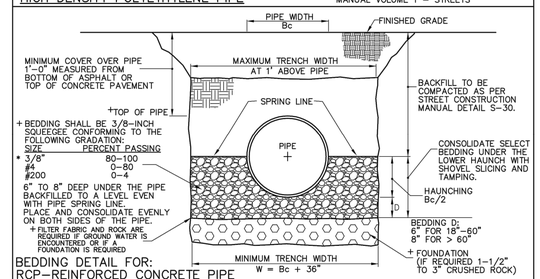
City of Greeley Colorado

CORNER CURB RAMP DETAIL – 20' RADIUS
DETAIL NO. S–11

DATE: JULY, 2015 SCALE: N.T.S.



BEDDING DETAIL FOR: HDPE–
HIGH DENSITY POLYETHYLENE PIPE



BEDDING DETAIL FOR:
RCP–REINFORCED CONCRETE PIPE

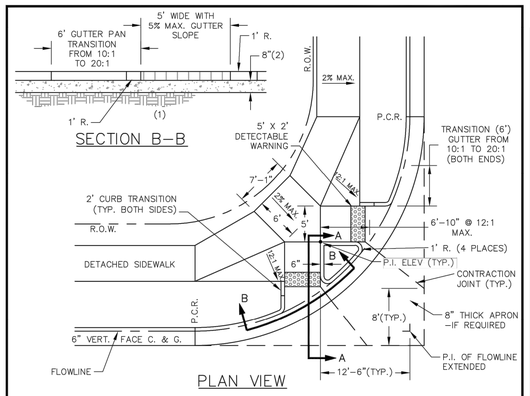
NOTE: FOR TRENCH BACKFILL GUIDELINE SPECIFICATIONS SEE DETAIL NO. S–30 IN THE CITY OF GREELEY DESIGN CRITERIA CONSTRUCTION SPECIFICATIONS MANUAL VOLUME 1 – STREETS

REVISIONS		
3/31/07	+	UPDATE DETAIL
6/03/08	•	UPDATE DETAIL

City of Greeley Colorado Great. From the Ground Up.

STANDARD STORM WATER
BEDDING DETAIL
DETAIL 6–6

DATE: JUNE 2008 SCALE: N.T.S.



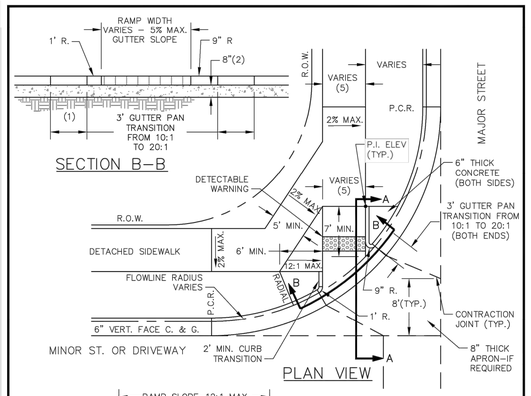
NOTES:

1. COMPACTED SUBGRADE (SEE SPECIFICATIONS).
2. 8" CONCRETE THICKNESS APPLIES TO CURB RETURN CURB AND GUTTER AND CROSS PAN APRON.
3. CONSTRUCT CURB RAMPS AT ALL INTERSECTIONS.
4. ADA DETECTABLE WARNINGS SHALL BE INSTALLED 6" TO 8" FROM THE CLOSEST POINT OF THE FLOWLINE. SEE ADA DETECTABLE WARNING DETAIL.
5. EXTEND 20:1 GUTTER PAN SLOPE THROUGH THE CURB AND GUTTER BETWEEN RAMPS.
6. DIMENSIONS ARE BASED UPON THE USE OF DETACHED SIDEWALKS AND A 90° CURB RETURN DELTA. USE OF A DIFFERENT RADIUS OR A SIGNIFICANT DELTA DIFFERENCE WILL ALTER SOME DIMENSIONS.

City of Greeley Colorado

CORNER CURB RAMP DETAIL – 30' RADIUS
DETAIL NO. S–12

DATE: JULY, 2015 SCALE: N.T.S.



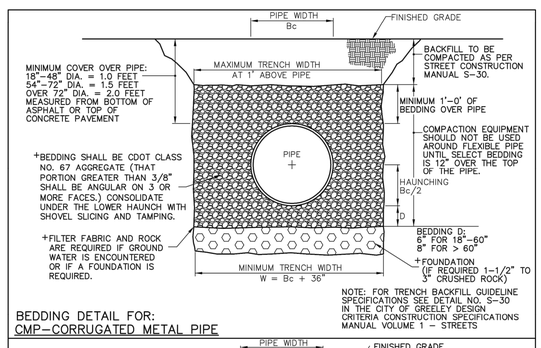
NOTES:

1. COMPACTED SUBGRADE (SEE SPECIFICATIONS).
2. 8" CONCRETE THICKNESS APPLIES TO CURB RETURN CURB AND GUTTER AND CROSS PAN APRON.
3. CONSTRUCT CURB RAMPS AT ALL INTERSECTIONS.
4. ADA DETECTABLE WARNINGS SHALL BE INSTALLED 6" TO 8" FROM THE CLOSEST POINT OF THE FLOWLINE. SEE ADA DETECTABLE WARNING DETAIL.
5. THIS DETAIL IS INTENDED FOR USE ALONG STREETS WHEN AT "T" INTERSECTIONS OR DRIVEWAYS WITH CURB RETURNS. THE RAMP SHOULD ONLY BE USED WHERE THE MAJOR STREET PEDESTRIAN CROSSING IS NOT RECOMMENDED. THE RAMP OPENING SHALL BE LOCATED AT THE EXTENSION OF THE SIDEWALK AND BE AS WIDE AS THE SIDEWALK ALONG THE MAJOR STREET.

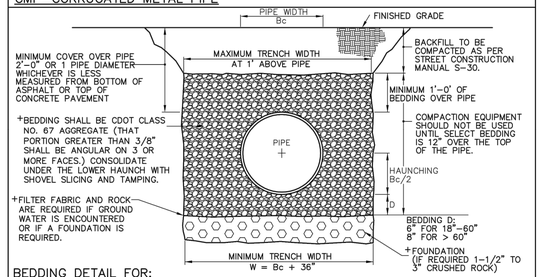
City of Greeley Colorado

DIRECTIONAL CORNER CURB RAMP DETAIL
DETAIL NO. S–12–4

DATE: JULY, 2015 SCALE: N.T.S.



BEDDING DETAIL FOR:
CMP–CORRUGATED METAL PIPE



BEDDING DETAIL FOR:
PVC–POLYVINYL CHLORIDE PIPE

NOTE: FOR TRENCH BACKFILL GUIDELINE SPECIFICATIONS SEE DETAIL NO. S–30 IN THE CITY OF GREELEY DESIGN CRITERIA CONSTRUCTION SPECIFICATIONS MANUAL VOLUME 1 – STREETS

REVISIONS		
3/31/07	+	UPDATE DETAIL

City of Greeley Colorado Great. From the Ground Up.

STANDARD STORM WATER
BEDDING DETAIL
DETAIL 6–7

DATE: MARCH 2007 SCALE: N.T.S.

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

ENGINEER'S STATEMENT

STANDARD DETAILS SHOWN WERE REVIEWED ONLY AS TO THEIR APPLICATION ON THIS PROJECT.

ELIJAH C. FARNEY, P.E.
COLORADO P.E. 41677
FOR AND ON BEHALF OF JR ENGINEERING, LLC.

DATE

COLORADO LICENSED 41677 PROFESSIONAL ENGINEER

UNTIL SUCH TIME AS THESE DRAWINGS ARE APPROVED BY THE APPROPRIATE REVIEWING AGENCIES, JR ENGINEERING APPROVES THEIR USE ONLY FOR THE PURPOSES DESIGNATED BY WRITTEN AUTHORIZATION.

PREPARED FOR
BRIAN WARD
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J·R ENGINEERING
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Fort Collins 970–491–9888 • www.jrengineering.com

No.	REVISION	BY	DATE

H–SCALE	N/A
V–SCALE	N/A
DATE	01/31/20
DESIGNED BY	N/A
DRAWN BY	N/A
CHECKED BY	

CENTERPLACE TURN LANE IMPROVEMENTS
DETAIL SHEETS

SHEET 34 OF 37

JOB NO. 39722.02

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