

NOTES:

1. SEE SHEET 0803 FOR GENERAL NOTES.
2. STATIONING IS BASED ON THE CENTERLINE BETWEEN THE 8" AND 10" FORCE MAINS.
3. CONTRACTOR SHALL INSTALL THRUST BLOCKS AT ALL HORIZONTAL AND VERTICAL BENDS PER DETAIL.
4. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE AREA OF WORK 7 DAYS PRIOR TO THE START OF INSTALLATION OF THE PIPELINE. THE CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER OF ANY CONFLICTS THAT ARISE AND REQUIRE REDESIGN OF ANY PORTION OF THE PROJECT. REFER TO GENERAL NOTES FOR FURTHER INFORMATION.
5. CONTRACTOR SHALL BE REQUIRED TO STAY WITHIN THE CONSTRUCTION EASEMENTS AND/OR ROAD RIGHT OF WAY WHEN CONSTRUCTING THE PIPELINE. TRAFFIC CONTROL MEASURES SHALL BE IN PLACE DURING CONSTRUCTION PER EL PASO COUNTY REQUIREMENTS.
6. CONTRACTOR SHALL PROVIDE A MINIMUM 1' OF CLEARANCE BETWEEN ALL UTILITIES BESIDES OTHERWISE NOTED.
7. CONTRACTOR SHALL PLACE SEDIMENT CONTROL LOGS UPSTREAM OF ALL STORM DRAIN PIPES WITHIN THE PROJECT AREA.
8. CONTRACTOR SHALL BLADE A SMALL 6" HIGH BERM ALONG THE DOWNSTREAM SIDE OF TRENCHING OPERATIONS TO CONTROL STORM DRAINAGE FLOWS AND MINIMIZE TRANSPORTATION SEDIMENT DOWNSTREAM. SEE DETAIL SHEET GR15.
9. CONTRACTOR SHALL RESEED ALL AREAS DISTURBED DURING CONSTRUCTION, INCLUDING ANY SOD AND/OR LANDSCAPING.
10. CONTRACTOR SHALL PROTECT IN PLACE OR REMOVE AND REPLACE ANY SIGNS, MAILBOXES, LANDSCAPING, OR OTHER OBSTRUCTIONS DISTURBED DURING CONSTRUCTION.
11. CONTRACTOR SHALL PROTECT AREAS OUTSIDE THE CONSTRUCTION LIMITS WITH CONSTRUCTION FENCING OR OTHER METHODS AS APPROPRIATE.
12. PER THIS PLAN, NO GRADING IS PROPOSED OUTSIDE THE CONSTRUCTION LIMITS OR EASEMENT AREA.
13. CONTRACTOR SHALL REPLACE THE AREA OF CONSTRUCTION TO THE EXISTING, PRE-CONSTRUCTION GRADE.
14. CONTRACTOR SHALL USE THE CONSTRUCTION CORRIDOR FOR HEAVY EQUIPMENT ACCESS. STAGING, STORAGE OF MATERIALS, STOCKPILES, OR WASTES SHALL REMAIN ON THE STERLING RANCH PROPERTY IN LOCATIONS ALREADY BEING USED.
15. THE EXISTING VEGETATION CONSISTS OF NATIVE GRASSES AND SHRUBS. THIS PROJECT CONTAINS APPROXIMATELY 95% NATIVE VEGETATION AND 5% ROADWAYS.

KEYNOTE:

- ① SEDIMENT CONTROL LOG PER DETAIL SHEET GR15
- ② CONTRACTOR SHALL COORDINATE AND OBTAIN PERMITS WITH THE UTILITY COMPANIES PRIOR TO CONSTRUCTION AND CROSSING THE EXISTING HIGH PRESSURE GAS MAIN.
 - A. COLORADO INTERSTATE GAS (719) 520-4816
 - B. MACELLAN MIDSTREAM GAS (918) 574-7098
- ③ REMOVE AND RE-INSTALL 50 LF OF EXISTING FENCE

EROSION & SEDIMENT CONTROL (EC) LEGEND

	VEHICLE TRACKING CONTROL
	TEMPORARY SEEDING (SEE NOTE 9.)
	SEDIMENT CONTROL LOG (SEE NOTE 7.)
	(COMPACTED) EARTH BERM (SEE NOTE 8.)
	LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

	EXISTING CONTOUR
	PROPOSED SWALE
	GRADE BREAK
	WETLANDS AREA NOT TO BE DISTURBED
	SPOT ELEVATION

EPC 3/5/2019

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES

FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
 CALL 1-800-922-1987

STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	SCALE: N/A
DESIGNED BY: DM	CHECKED BY: DM
DRAWN BY: CLP	DATE: 01-24-2020
SHEET 2 OF 15	
GRO2	

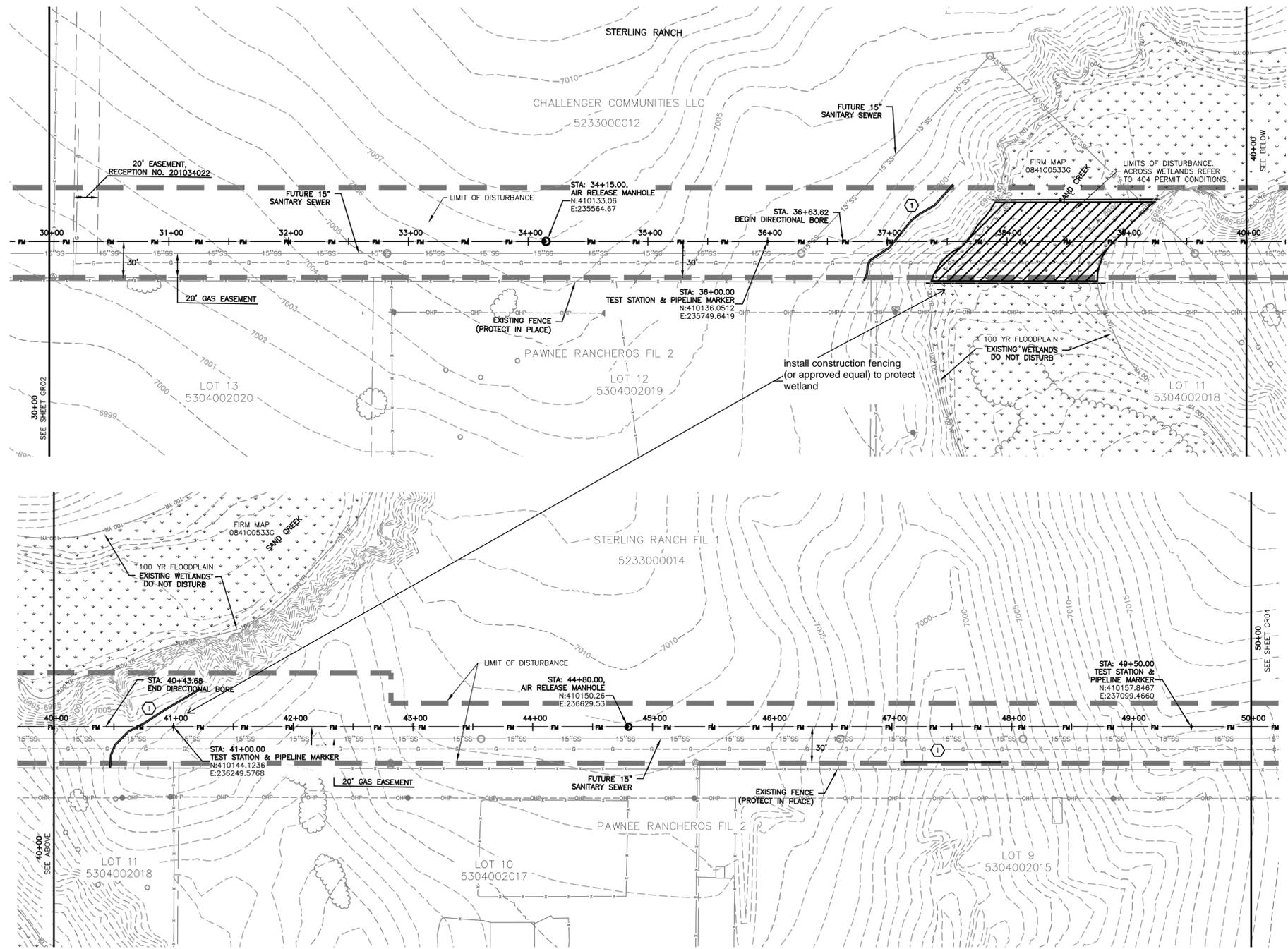
M&S CIVIL CONSULTANTS, INC.

102 E. Pikes Peak Ave., 3rd Floor
 Colorado Springs, CO 80903
 PHONE: 719.555.5485

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.	
VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160 DATE: _____ BY: _____ DESCRIPTION: _____	

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CAUTION



NOTES:

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15. THE EXISTING VEGETATION CONSISTS OF NATIVE GRASSES AND SHRUBS. THIS PROJECT CONTAINS APPROXIMATELY 95% NATIVE VEGETATION AND 5% ROADWAYS.

KEYNOTE:

- ① SEDIMENT CONTROL LOG PER DETAIL SHEET GR15

EROSION & SEDIMENT CONTROL (EC) LEGEND

	VEHICLE TRACKING CONTROL
	TEMPORARY SEEDING (SEE NOTE 9.)
	SEDIMENT CONTROL LOG (SEE NOTE 7.)
	(COMPACTED) EARTH BERM (SEE NOTE 8.)
	LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

	EXISTING CONTOUR
	PROPOSED SWALE
	GRADE BREAK
	WETLANDS AREA NOT TO BE DISTURBED
	SPOT ELEVATION

EPC 3/5/2019

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES

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STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	CHECKED BY: DM
DRAWN BY: CLP	SCALE: HORIZONTAL: N/A VERTICAL: N/A
SHEET 3 OF 15 GR03	

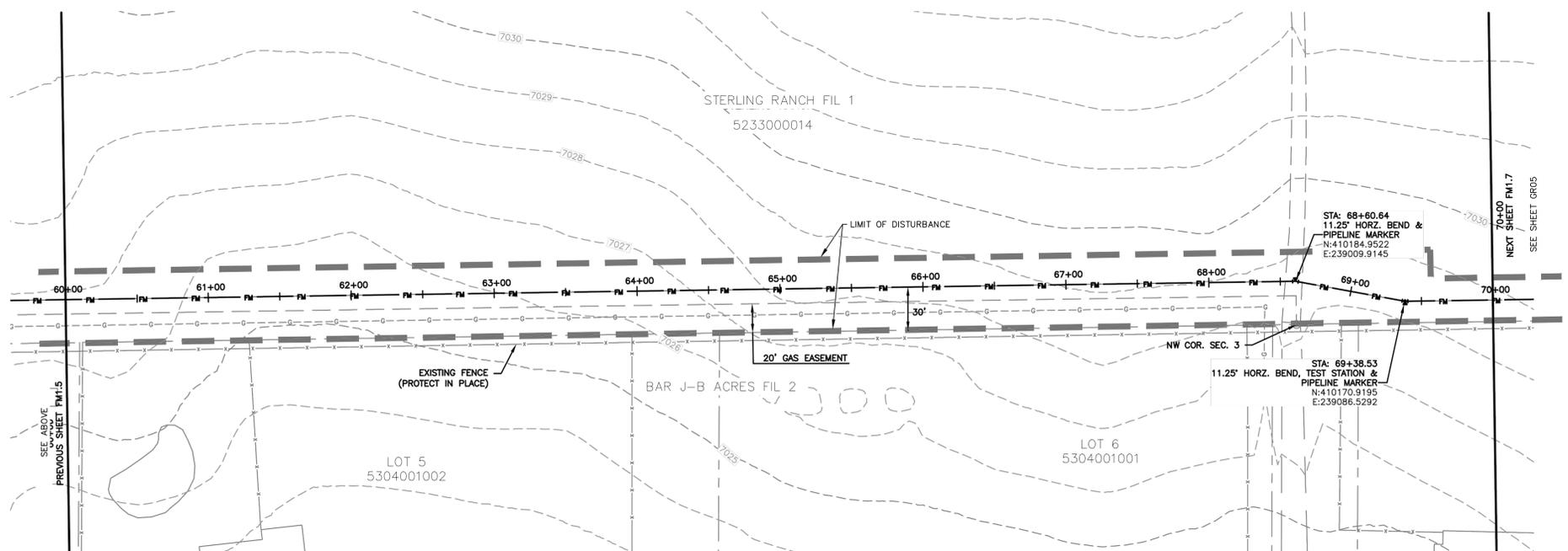
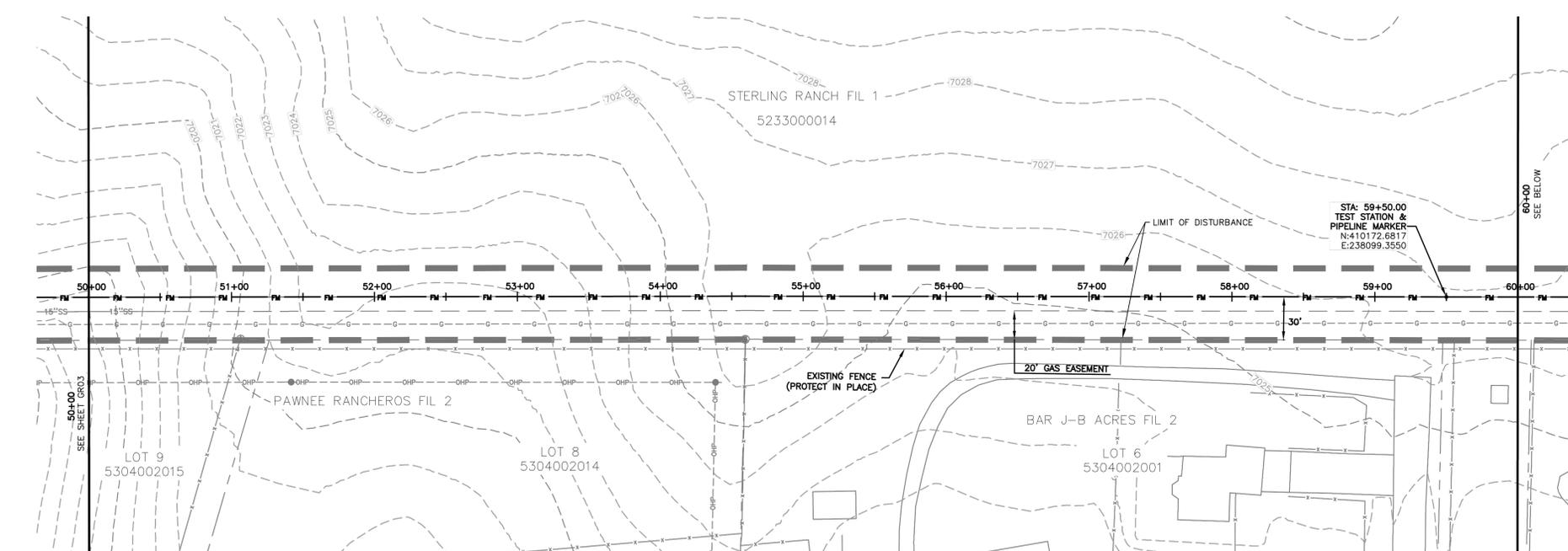
CIVIL CONSULTANTS, INC.
 102 E. Pikes Peak Ave., 5th Floor
 Colorado Springs, CO 80903
 PHONE: 719.555.9485

NO.	DATE	BY	DESCRIPTION

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

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CAUTION



EROSION & SEDIMENT CONTROL (EC) LEGEND		GRADING	
	VEHICLE TRACKING CONTROL		EXISTING CONTOUR
	TEMPORARY SEEDING (SEE NOTE 9.)		PROPOSED SWALE
	SEDIMENT CONTROL LOG (SEE NOTE 7.)		GRADE BREAK
	(COMPACTED) EARTH BERM (SEE NOTE 8.)		WETLANDS AREA NOT TO BE DISTURBED
	LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT		SPOT ELEVATION



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EPC 3/5/2019

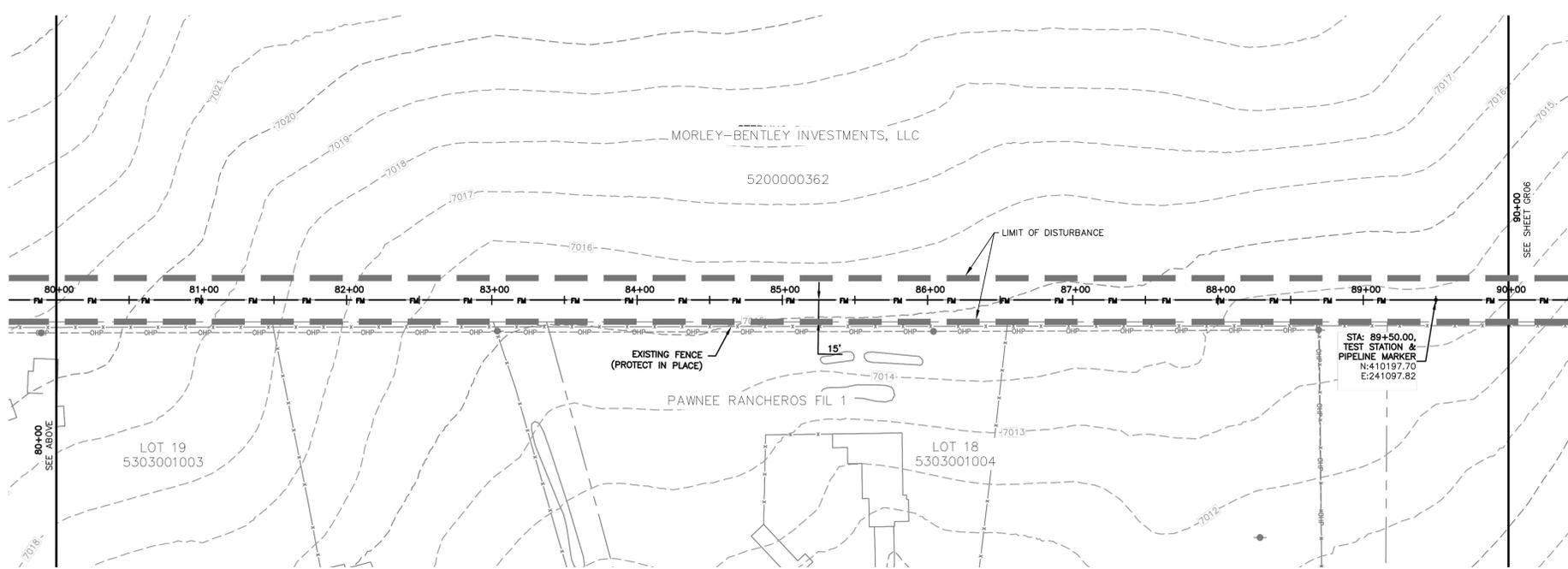
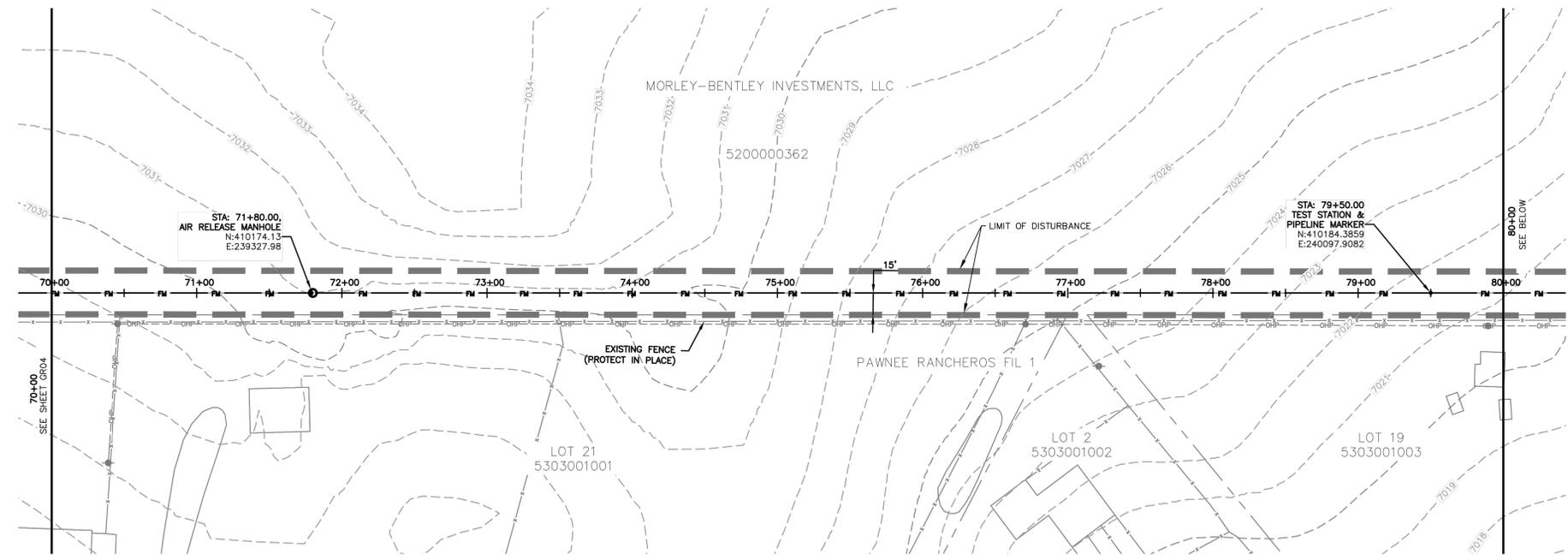
FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES
FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
CALL 1-800-922-1987

STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	CHECKED BY: DM
DRAWN BY: CLP	SCALE: N/A
VERIFIED BY: N/A	SHEET 4 OF 15
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	CHECKED BY: DM
DRAWN BY: CLP	SCALE: N/A
VERIFIED BY: N/A	SHEET 4 OF 15
GR04	

M&S CIVIL CONSULTANTS, INC.
102 E. Pikes Peak Ave., 3rd Floor
Colorado Springs, CO 80903
PHONE: 719.555.5485

FOR AND ON BEHALF OF
M&S CIVIL CONSULTANTS, INC.

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EROSION & SEDIMENT CONTROL (EC) LEGEND

- VTC VEHICLE TRACKING CONTROL
- TS TEMPORARY SEEDING (SEE NOTE 9.)
- SEDIMENT CONTROL LOG (SEE NOTE 7.)
- EB (COMPACTED) EARTH BERM (SEE NOTE 8.)
- LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

- EXISTING CONTOUR
- PROPOSED SWALE
- GRADE BREAK
- WETLANDS AREA NOT TO BE DISTURBED
- X4638.00 SPOT ELEVATION

EPC 3/5/2019

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STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	HORIZONTAL: N/A
DRAWN BY: CLP	VERTICAL: N/A
CHECKED BY: DM	SCALE: N/A
SHEET 5 OF 15 GR05	

102 E. PILES PEAK AVE., 5TH FLOOR
COLORADO SPRINGS, CO 80903
PHONE: 719.555.5485

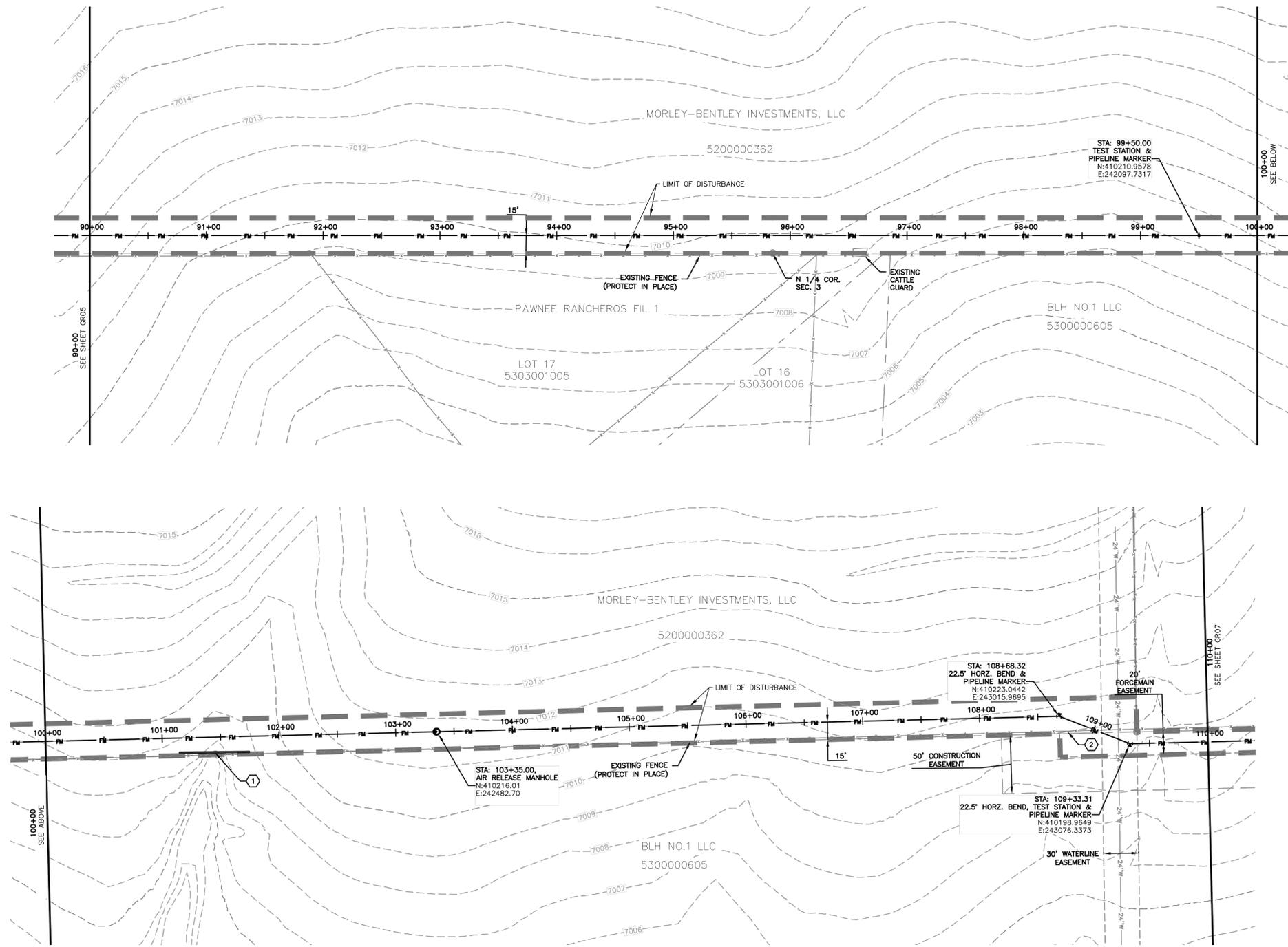
CIVIL CONSULTANTS, INC.

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

MIRCEL A. SANCHEZ, COLORADO P.E. NO. 37160

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- KEYNOTE:**
- SEDIMENT CONTROL LOG PER DETAIL SHEET GR15
 - REMOVE AND RE-INSTALL 115 LF OF EXISTING FENCE

EROSION & SEDIMENT CONTROL (EC) LEGEND

- VTC VEHICLE TRACKING CONTROL
- TS TEMPORARY SEEDING (SEE NOTE 9.)
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EPC 3/5/2019

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STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN

PROJECT NO. 09-010 DATE: 01-24-2020
 DESIGNED BY: DM HORIZONTAL: N/A
 DRAWN BY: CLP VERTICAL: N/A
 CHECKED BY: DM SHEET 6 OF 15
GR06

102 E. PILES PEAK AVE., 3RD FLOOR
 COLORADO SPRINGS, CO 80903
 PHONE: 719.555.5485

CIVIL CONSULTANTS, INC.

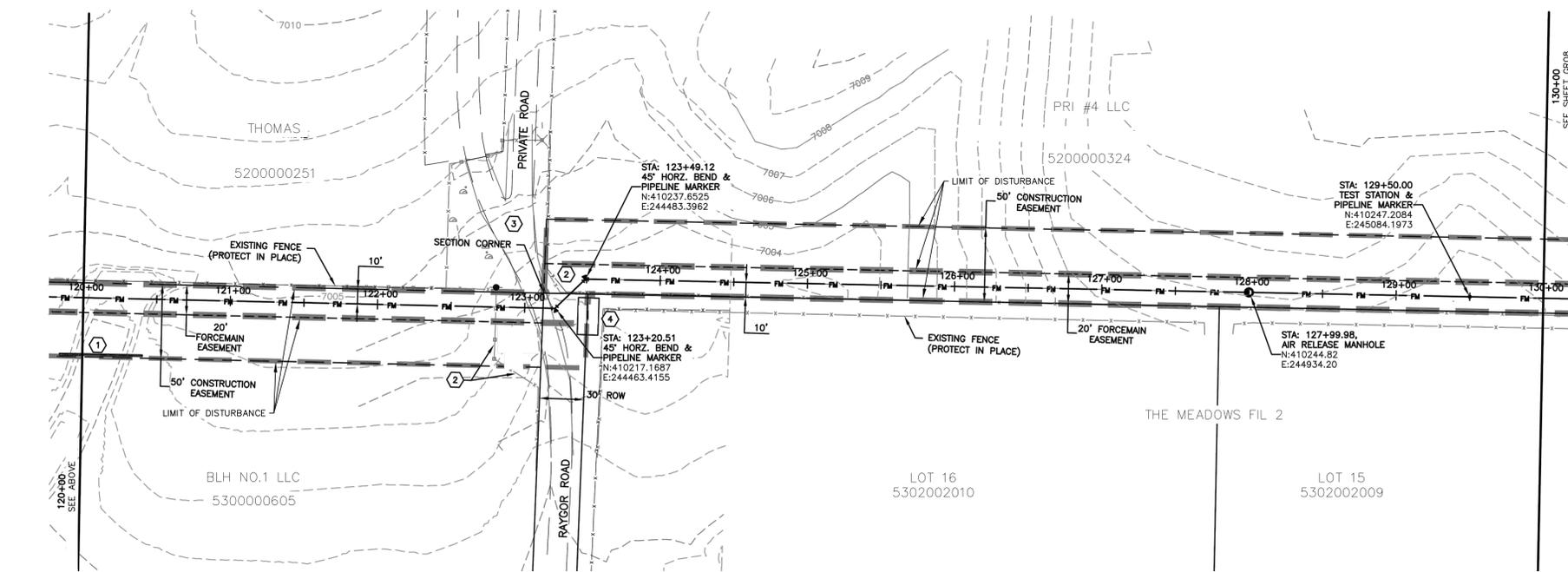
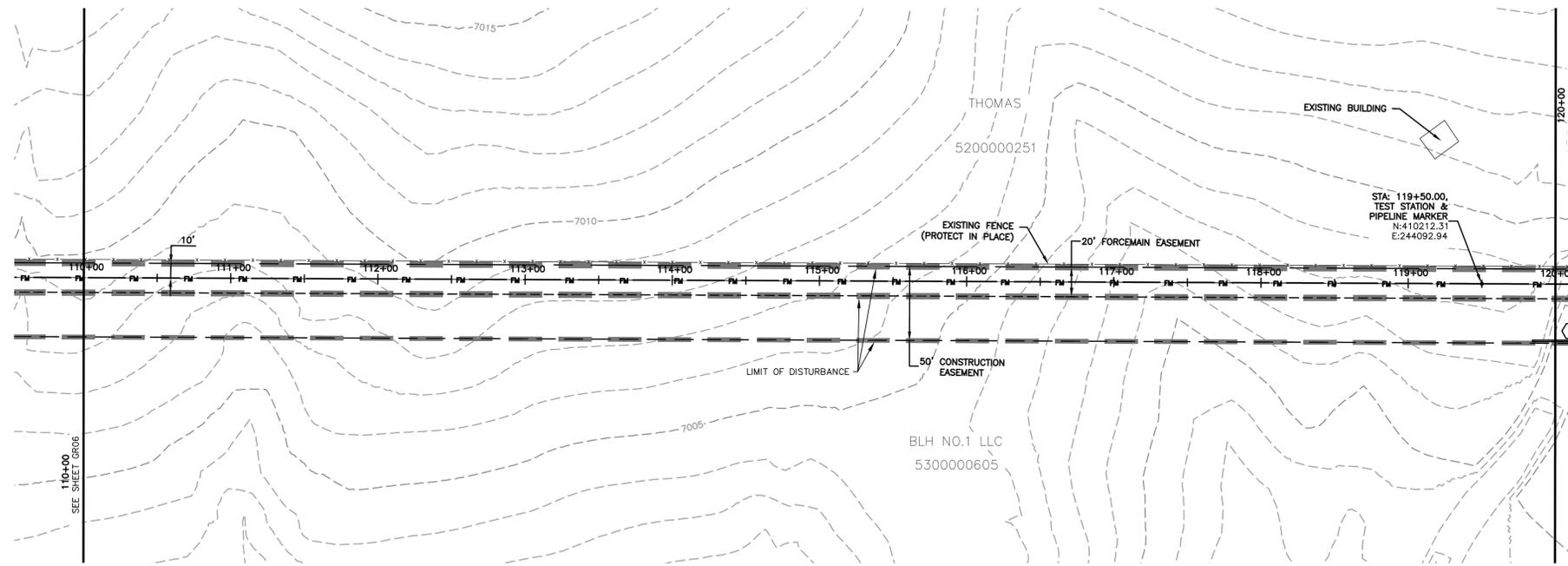
FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

MARCIL A. SANCHEZ, COLORADO P.E. NO. 37160

NO. DATE: BY: DESCRIPTION:

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EROSION & SEDIMENT CONTROL (EC) LEGEND

	VEHICLE TRACKING CONTROL		EXISTING CONTOUR
	TEMPORARY SEEDING (SEE NOTE 9.)		PROPOSED SWALE
	SEDIMENT CONTROL LOG (SEE NOTE 7.)		GRADE BREAK
	(COMPACTED) EARTH BERM (SEE NOTE 8.)		WETLANDS AREA NOT TO BE DISTURBED
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KEYNOTES:

- ① SEDIMENT CONTROL LOG PER DETAIL SHEET GR015
- ② REMOVE AND RE-INSTALL 115 LF OF EXISTING FENCE.
- ③ CONTRACTOR SHALL KEEP ACCESS OPEN TO ALL RESIDENTIAL LOTS AT ALL TIMES. CONTRACTOR SHALL NOTIFY AND COORDINATE ACCESS WITH ALL PROPERTY OWNERS.
- ④ VEHICLE TRACKING CONTROL PER SHEET GR15.

EPC 3/5/2019

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STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN
 PROJECT NO. 09-010
 SCALE: N/A
 HORIZONTAL: N/A
 VERTICAL: N/A
 DATE: 01-24-2020
 SHEET 7 OF 15
GR07

102 E. Pikes Peak Ave., 3rd Floor
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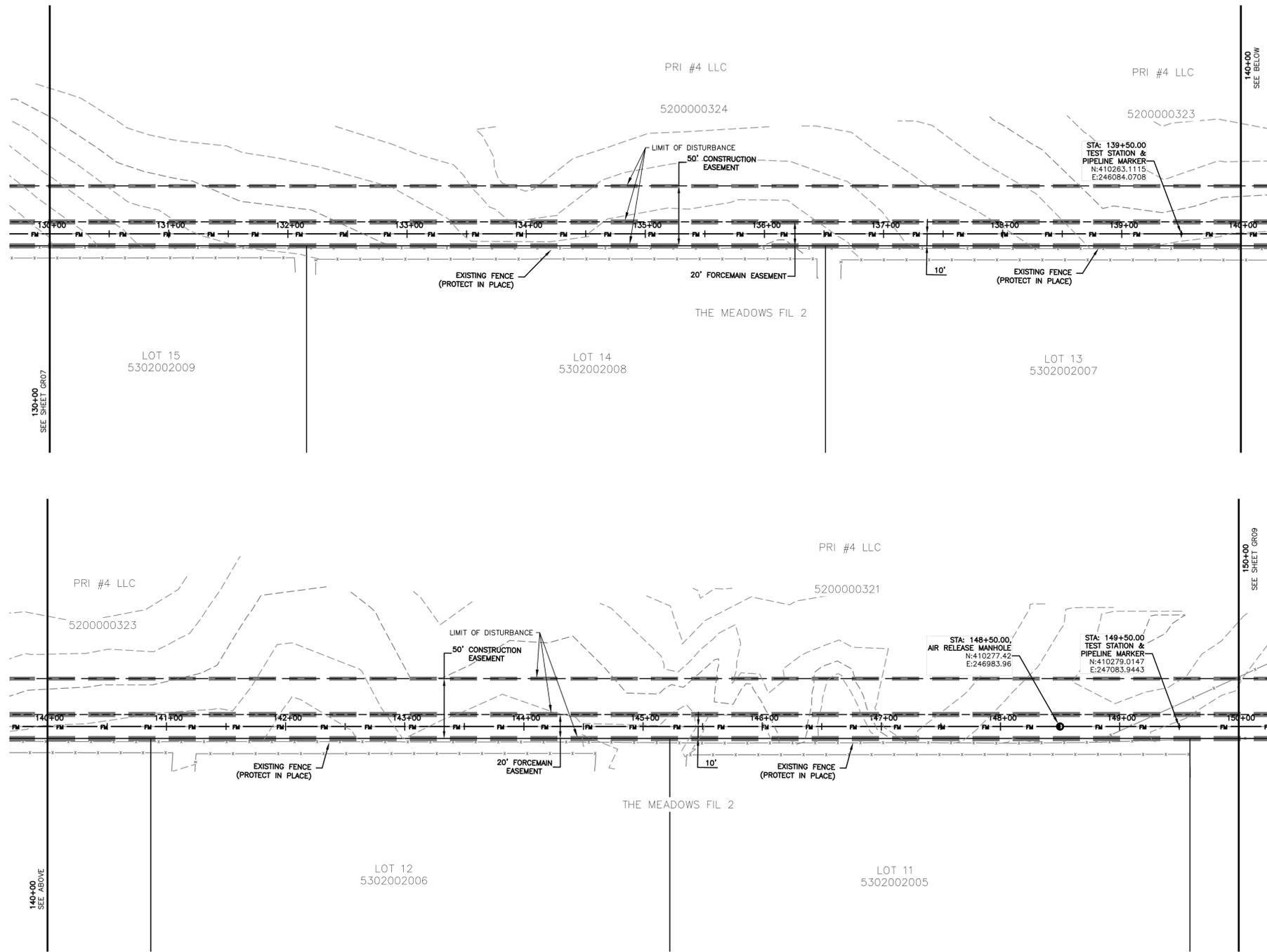


FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

 VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160

NO.	DATE	BY	DESCRIPTION

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.
CAUTION



- NOTES:**
- SEE SHEET GR01 FOR GENERAL NOTES.
 - STATIONING IS BASED ON THE CENTERLINE BETWEEN THE 8" AND 10" FORCE MAINS.
 - CONTRACTOR SHALL INSTALL THRUST BLOCKS AT ALL HORIZONTAL AND VERTICAL BENDS PER DETAIL.
 - CONTRACTOR IS RESPONSIBLE FOR CONFIRMING THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES WITHIN THE AREA OF WORK 7 DAYS PRIOR TO THE START OF INSTALLATION OF THE PIPELINE. THE CONTRACTOR SHALL NOTIFY OWNER AND ENGINEER OF ANY CONFLICTS THAT ARISE AND REQUIRE REDESIGN OF ANY PORTION OF THE PROJECT. REFER TO GENERAL NOTES FOR FURTHER INFORMATION.
 - CONTRACTOR SHALL BE REQUIRED TO STAY WITHIN THE CONSTRUCTION EASEMENTS AND/OR ROAD RIGHT OF WAY WHEN CONSTRUCTING THE PIPELINE. TRAFFIC CONTROL MEASURES SHALL BE IN PLACE DURING CONSTRUCTION PER EL PASO COUNTY REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE A MINIMUM 1' OF CLEARANCE BETWEEN ALL UTILITIES UNLESS OTHERWISE NOTED.
 - CONTRACTOR SHALL PLACE SEDIMENT CONTROL LOGS UPSTREAM OF ALL STORM DRAIN PIPES WITHIN THE PROJECT AREA.
 - CONTRACTOR SHALL BLADE A SMALL 6" HIGH BERM ALONG THE DOWNSTREAM SIDE OF TRENCHING OPERATIONS TO CONTROL STORM DRAINAGE FLOWS AND MINIMIZE TRANSPORTATION SEDIMENT DOWNSTREAM. SEE DETAIL SHEET GR15.
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 - CONTRACTOR SHALL PROTECT IN PLACE OR REMOVE AND REPLACE ANY SIGNS, MAILBOXES, LANDSCAPING, OR OTHER OBSTRUCTIONS DISTURBED DURING CONSTRUCTION.
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 - PER THIS PLAN, NO GRADING IS PROPOSED OUTSIDE THE CONSTRUCTION LIMITS OR EASEMENT AREA.
 - CONTRACTOR SHALL REPLACE THE AREA OF CONSTRUCTION TO THE EXISTING, PRE-CONSTRUCTION GRADE.
 - CONTRACTOR SHALL USE THE CONSTRUCTION CORRIDOR FOR HEAVY EQUIPMENT ACCESS, STAGING, STORAGE OF MATERIALS, STOCKPILES, OR WASTES SHALL REMAIN ON THE STERLING RANCH PROPERTY IN LOCATIONS ALREADY BEING USED.
 - THE EXISTING VEGETATION CONSISTS OF NATIVE GRASSES AND SHRUBS. THIS PROJECT CONTAINS APPROXIMATELY 95% NATIVE VEGETATION AND 5% ROADWAYS.



EROSION & SEDIMENT CONTROL (EC) LEGEND

	VEHICLE TRACKING CONTROL
	TEMPORARY SEEDING (SEE NOTE 9.)
	SEDIMENT CONTROL LOG (SEE NOTE 7.)
	(COMPACTED) EARTH BERM (SEE NOTE 8.)
	LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

	EXISTING CONTOUR
	PROPOSED SWALE
	GRADE BREAK
	WETLANDS AREA NOT TO BE DISTURBED
	SPOT ELEVATION

EPC 3/5/2019

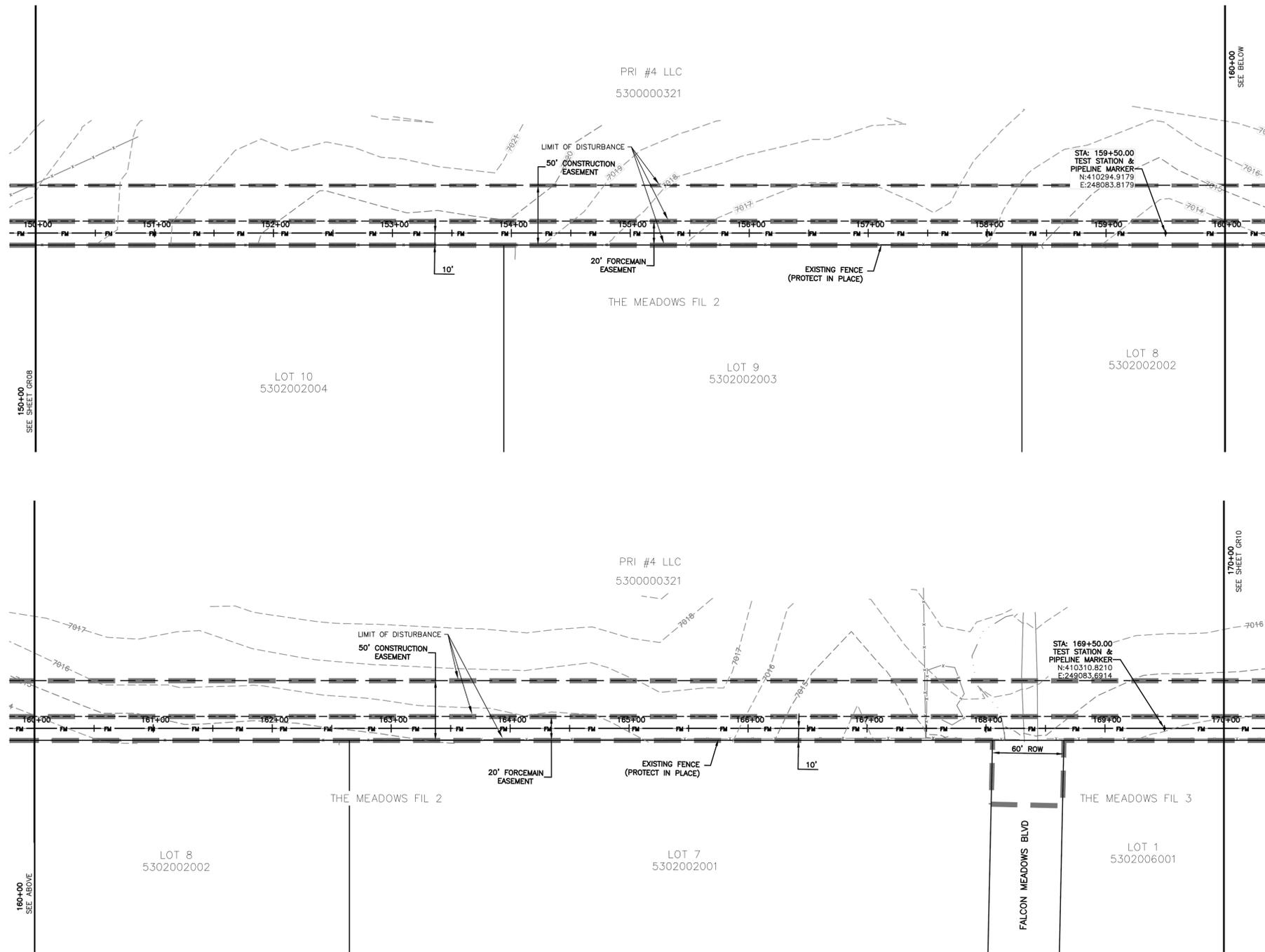
STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	HORIZONTAL: N/A
DRAWN BY: CLP	VERTICAL: N/A
CHECKED BY: DM	SCALE: N/A
SHEET 8 OF 15	
GR08	

FOR AND ON BEHALF OF
M&S CIVIL CONSULTANTS, INC.

NO.	DATE	BY	DESCRIPTION

THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE OR LIABLE FOR UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THESE PLANS.

CAUTION



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KEYNOTES:

- ① VEHICLE TRACKING CONTROL PER SHEET GR15

EROSION & SEDIMENT CONTROL (EC) LEGEND

- VTC VEHICLE TRACKING CONTROL
- TS TEMPORARY SEEDING (SEE NOTE 9.)
- SEDIMENT CONTROL LOG (SEE NOTE 7.)
- EB (COMPACTED) EARTH BERM (SEE NOTE 8.)
- LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

- - - - - EXISTING CONTOUR
- - - - - PROPOSED SWALE
- · · · · GRADE BREAK
- WETLANDS AREA NOT TO BE DISTURBED
- x4638.00 SPOT ELEVATION



STERLING RANCH LIFT STATION & FORCE MAIN	
GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	CHECKED BY: DM
DRAWN BY: CLP	SCALE: N/A
DATE: 01-24-2020	SHEET 9 OF 15
GR09	

CIVIL CONSULTANTS, INC.

102 E. Pikes Peak Ave., 3rd Floor
 Colorado Springs, CO 80903
 Phone: 719.555.5485

FOR AND ON BEHALF OF
 M&S CIVIL CONSULTANTS, INC.

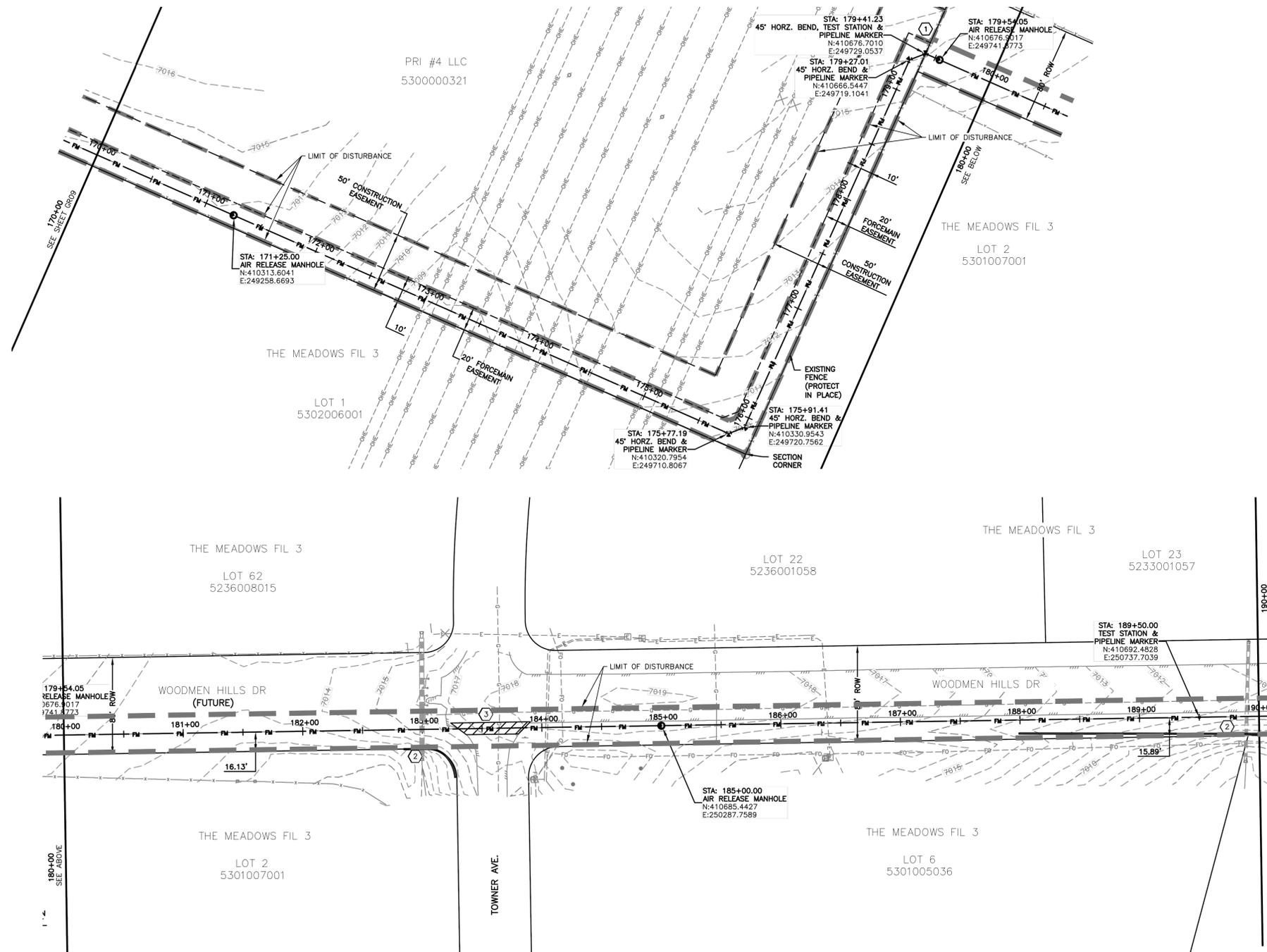
FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES
48 HRS BEFORE YOU DIG
 CALL 1-800-922-1987

NO.	DATE	BY	DESCRIPTION

EPC 3/5/2019

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CAUTION



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KEYNOTES:

- ① REMOVE & RE-INSTALL 50 LF OF EXISTING FENCING.
- ② SEDIMENT CONTROL LOG PER DETAIL SHEET GR15
- ③ CONTRACTOR SHALL SAW CUT, REMOVE & REPLACE EXISTING PAVEMENT PER EL PASO COUNTY SPECIFICATIONS.

EROSION & SEDIMENT CONTROL (EC) LEGEND

	VEHICLE TRACKING CONTROL
	TEMPORARY SEEDING (SEE NOTE 9.)
	SEDIMENT CONTROL LOG (SEE NOTE 7.)
	(COMPACTED) EARTH BERM (SEE NOTE 8.)
	LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

	EXISTING CONTOUR
	PROPOSED SWALE
	GRADE BREAK
	WETLANDS AREA NOT TO BE DISTURBED
	SPOT ELEVATION

EPC 3/5/2019

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES

FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
 CALL 1-800-922-1987

STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN	
PROJECT NO. 09-010	DATE: 01-24-2020
DESIGNED BY: DM	HORIZONTAL: N/A
DRAWN BY: CLP	VERTICAL: N/A
CHECKED BY: DM	SHEET 10 OF 15
	GR10

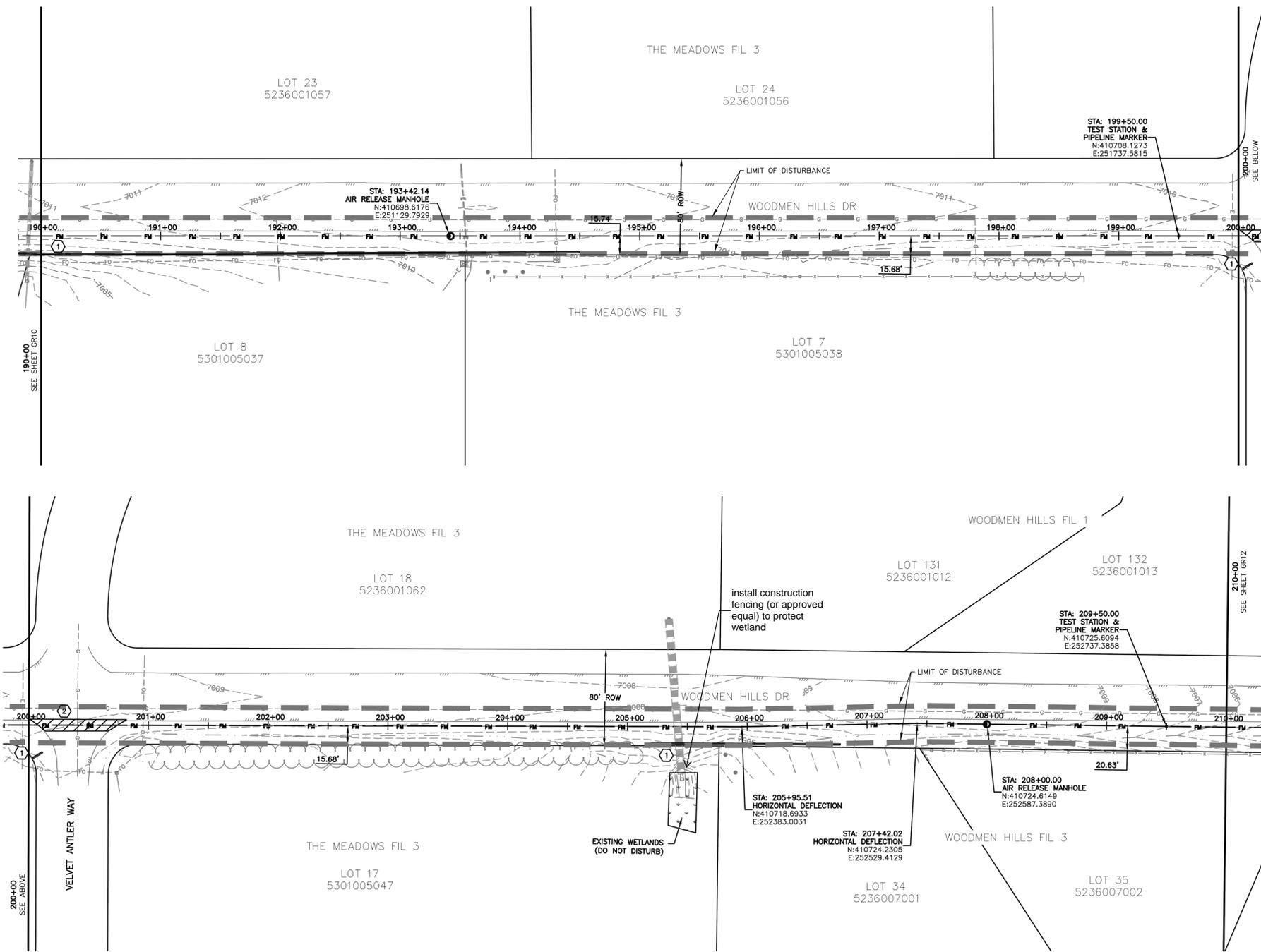
CIVIL CONSULTANTS, INC.

102 E. Pikes Peak Ave., 3rd Floor
 Colorado Springs, CO 80903
 PHONE: 719.555.5485

APPROVED BY: _____ DATE: _____	FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.
BY: _____ DATE: _____	

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CAUTION



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- KEYNOTES:**
- SEDIMENT CONTROL LOG PER DETAIL SHEET GR15
 - CONTRACTOR SHALL SAW CUT, REMOVE & REPLACE EXISTING PAVEMENT PER EL PASO COUNTY SPECIFICATIONS.

EROSION & SEDIMENT CONTROL (EC) LEGEND

- VTC VEHICLE TRACKING CONTROL
- TS TEMPORARY SEEDING (SEE NOTE 9.)
- SEDIMENT CONTROL LOG (SEE NOTE 7.)
- EB (COMPACTED) EARTH BERM (SEE NOTE 8.)
- LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

GRADING

- EXISTING CONTOUR
- PROPOSED SWALE
- GRADE BREAK
- WETLANDS AREA NOT TO BE DISTURBED
- SPOT ELEVATION
- SPOT ELEVATION WITH DESCRIPTION SEE ABBREVIATIONS THIS SHEET

EPC 3/5/2019

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES

FOR BURIED UTILITY INFORMATION
48 HRS BEFORE YOU DIG
CALL 1-800-922-1987

STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN

PROJECT NO. 09-010 DATE: 01-24-2020

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

DESIGNED BY: DM CLP CHECKED BY: DM

SHEET 11 OF 15 GR11

102 E. Pikes Peak Ave., 3rd Floor
Colorado Springs, CO 80903
PHONE: 719.555.5485

CIVIL CONSULTANTS, INC.

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

MARCIL A. SANCHEZ, COLORADO P.E. NO. 37160

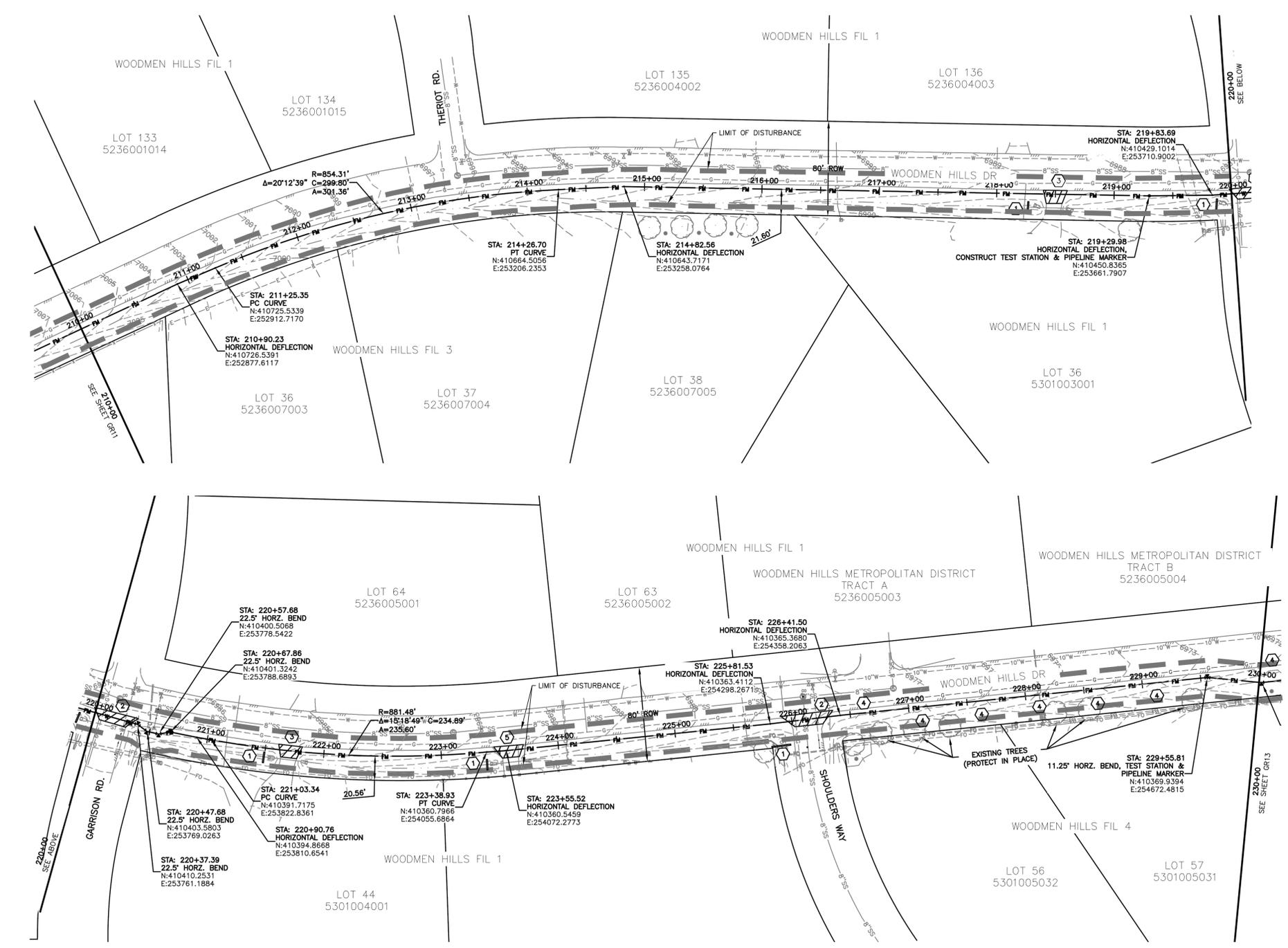
REVISIONS:

NO.	DATE	BY	DESCRIPTION

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CAUTION

File: C:\08002A\Sterling Ranch District\Map\Const\Grading & Erosion Control\Force Main\GR12.dwg Plotstamp: 2/14/2020 11:27 AM



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- KEYNOTES:**
- SEDIMENT CONTROL LOG PER DETAIL SHEET GR15
 - CONTRACTOR SHALL SAW CUT, REMOVE & REPLACE EXISTING PAVEMENT PER EL PASO COUNTY SPECIFICATIONS.
 - CONTRACTOR SHALL SAW CUT, REMOVE AND REPLACE EXISTING CONCRETE DRIVEWAY.
 - CONTRACTOR SHALL REMOVE AND REPLACE EXISTING DECORATIVE FENCE.
 - CONTRACTOR SHALL REMOVE AND REPLACE EXISTING GRAVEL DRIVEWAY.

EROSION & SEDIMENT CONTROL (EC) LEGEND		GRADING	
	VEHICLE TRACKING CONTROL		EXISTING CONTOUR
	TEMPORARY SEEDING (SEE NOTE 9.)		PROPOSED SWALE
	SEDIMENT CONTROL LOG (SEE NOTE 7.)		GRADE BREAK
	(COMPACTED) EARTH BERM (SEE NOTE 8.)		WETLANDS AREA NOT TO BE DISTURBED
	LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT		SPOT ELEVATION



STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN

PROJECT NO. 09-010 DATE: 01-24-2020 SHEET 12 OF 15 GR12

DESIGNED BY: DM DRAWN BY: CLP CHECKED BY: DM

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES
FOR BURIED UTILITY INFORMATION CALL 1-800-922-1987

FOR AND ON BEHALF OF M&S CIVIL CONSULTANTS, INC.

MARCIL A. SANCHEZ, COLORADO P.E. NO. 37160

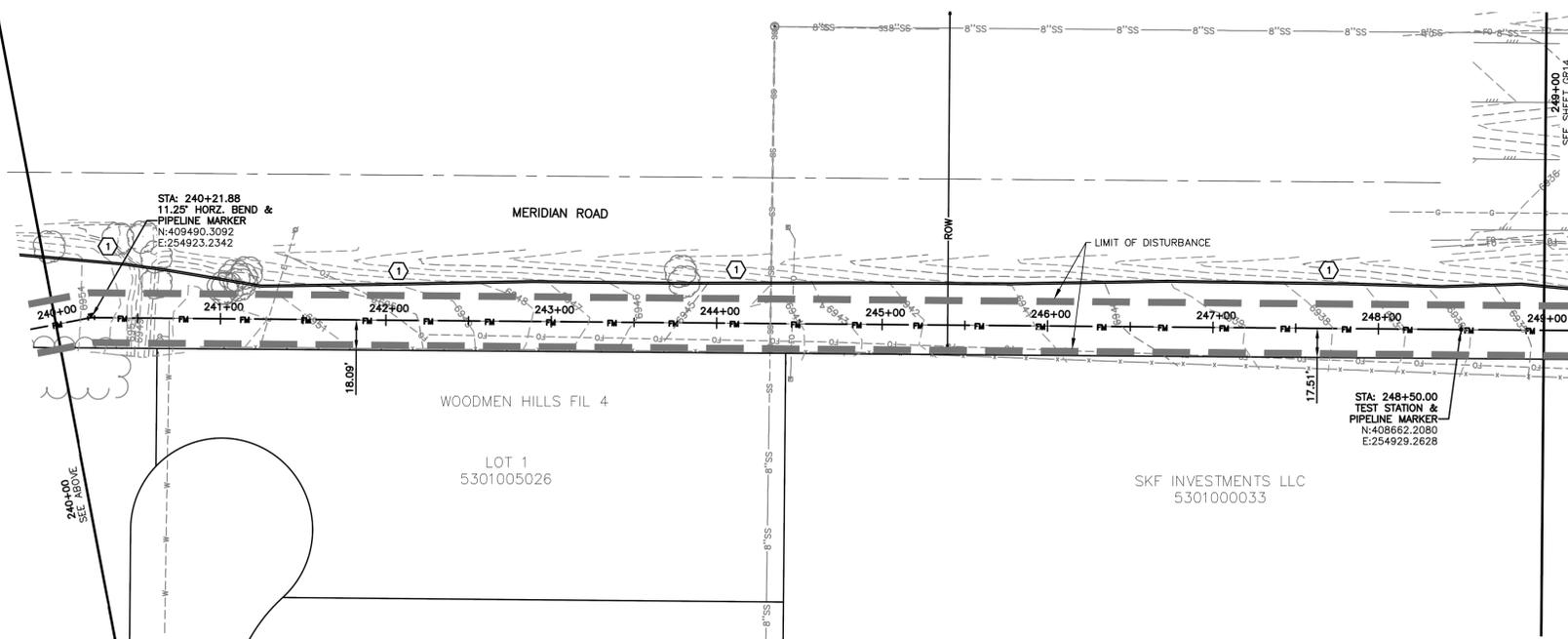
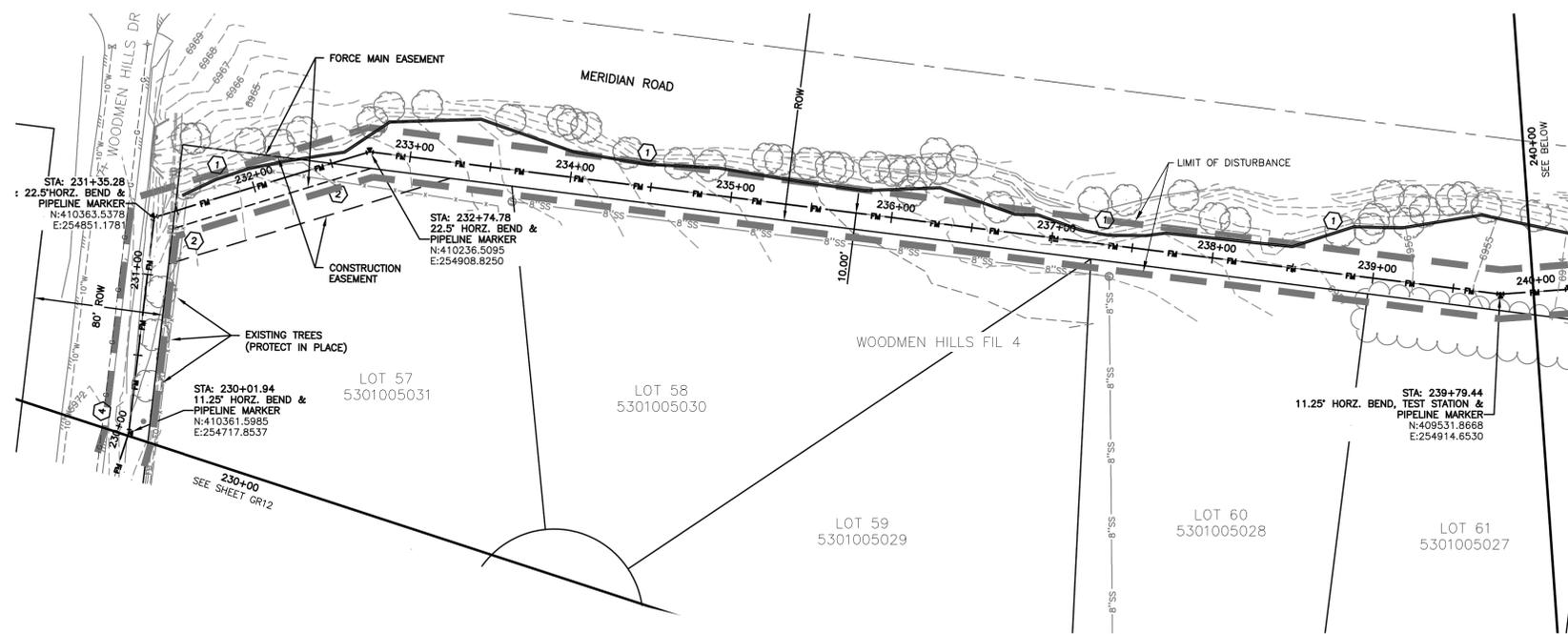
PROFESSIONAL SEAL

REVISIONS:

NO.	DATE	BY	DESCRIPTION

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CAUTION



EROSION & SEDIMENT CONTROL (EC) LEGEND

- VTC VEHICLE TRACKING CONTROL
- TS TEMPORARY SEEDING (SEE NOTE 9.)
- SCB SEDIMENT CONTROL BERM (SEE NOTE 7.)
- EB (COMPACTED) EARTH BERM (SEE NOTE 8.)
- LIMITS OF DISTURBANCE/ CONSTRUCTION BOUNDARY/EASEMENT

- - - - - EXISTING CONTOUR
- - PROPOSED SWALE
- - GRADE BREAK
- [Pattern] WETLANDS AREA NOT TO BE DISTURBED
- X4638.00 SPOT ELEVATION
- XHP=4637.94 SPOT ELEVATION WITH DESCRIPTION SEE ABBREVIATIONS THIS SHEET

GRADING



NOTES:

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KEYNOTES:

- ① SEDIMENT CONTROL LOG PER DETAIL SHEET GR15.
- ② REMOVE AND REPLACE 180 LF. OF EXISTING FENCE.
- ③ NOT USED.
- ④ CONTRACTOR SHALL REMOVE AND RE-INSTALL EXISTING DECORATIVE FENCE.

EPC 3/5/2019

FOR LOCATING & MARKING GAS, ELECTRIC, WATER & TELEPHONE LINES
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STERLING RANCH LIFT STATION & FORCE MAIN GRADING & EROSION CONTROL PLAN

PROJECT NO. 09-010 DATE: 01-24-2020
 SCALE: N/A HORIZONTAL: N/A VERTICAL: N/A
 DESIGNED BY: DM CLP
 DRAWN BY: DM
 CHECKED BY: N/A

SHEET 13 OF 15 **GR13**

102 E. Pikes Peak Ave., 5th Floor
 Colorado Springs, CO 80903
 PHONE: 719.555.5485

CIVIL CONSULTANTS, INC.

FOR AND ON BEHALF OF
 MAS CIVIL CONSULTANTS, INC.

VIRGIL A. SANCHEZ, COLORADO P.E. NO. 37160

NO.	DATE	BY	DESCRIPTION

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