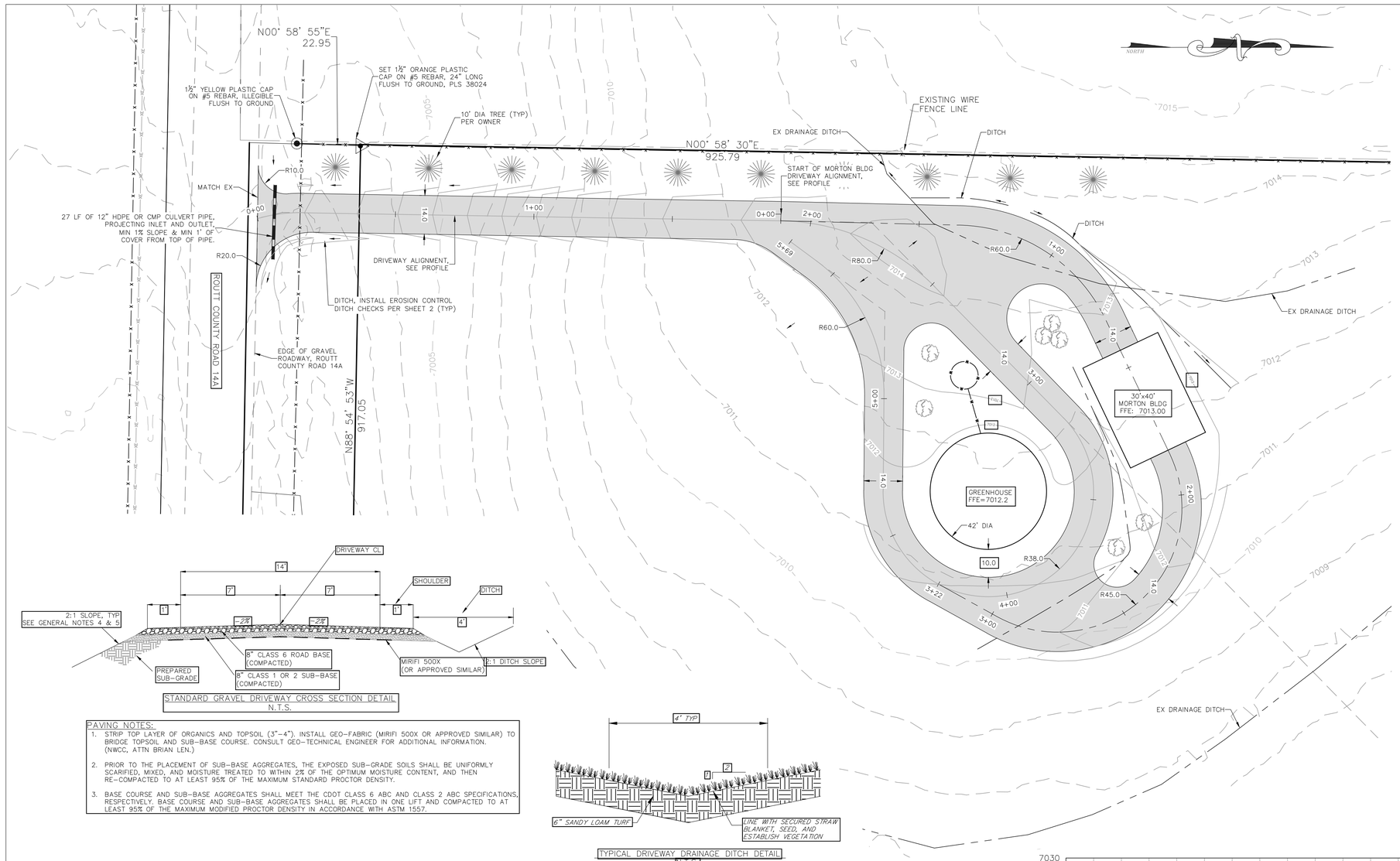
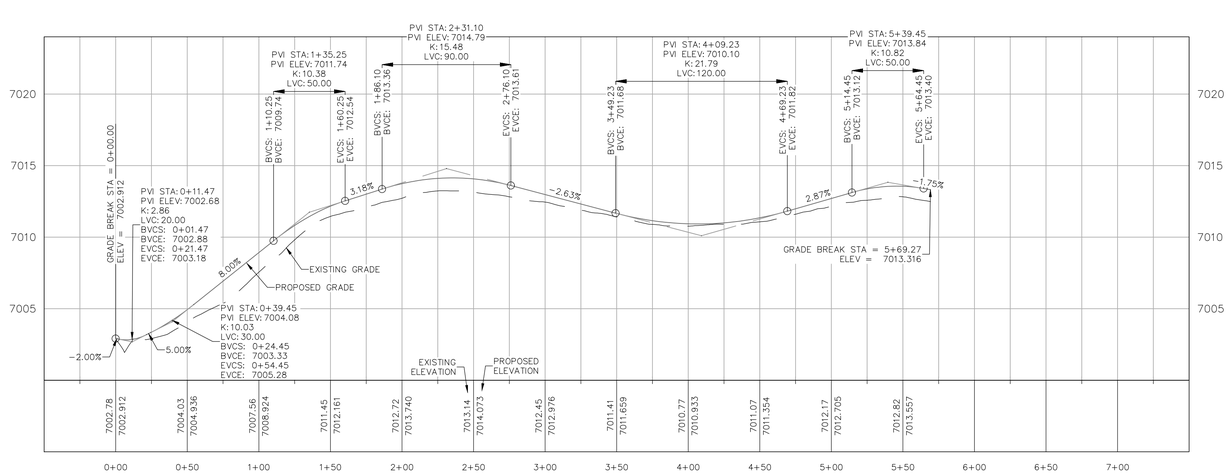


STANDARD GRAVEL DRIVEWAY CROSS SECTION DETAIL
N.T.S.

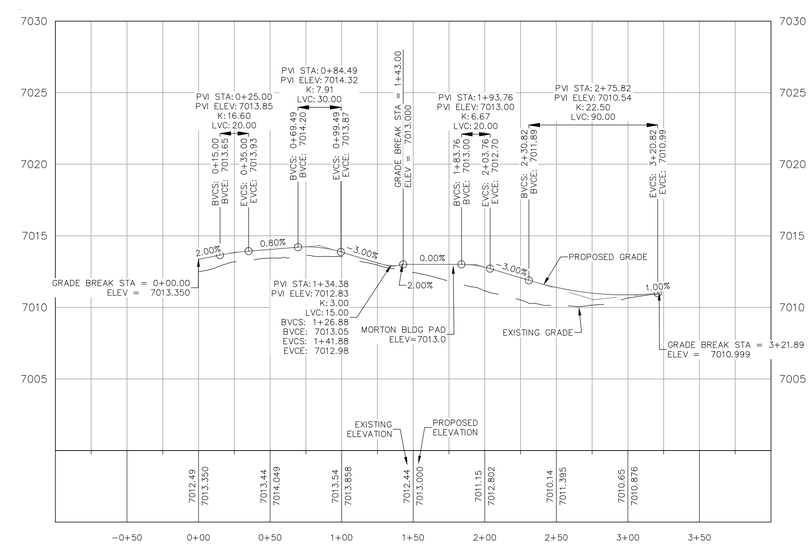
PAVING NOTES:

1. STRIP TOP LAYER OF ORGANICS AND TOPSOIL (3"–4"). INSTALL GEO-FABRIC (MIRIFI 500X OR APPROVED SIMILAR) TO BRIDGE TOPSOIL AND SUB-BASE COURSE. CONSULT GEO-TECHNICAL ENGINEER FOR ADDITIONAL INFORMATION. (NWCC, ATTN BRIAN LEN.)
2. PRIOR TO THE PLACEMENT OF SUB-BASE AGGREGATES, THE EXPOSED SUB-GRADE SOILS SHALL BE UNIFORMLY SCARIFIED, MIXED, AND MOISTURE TREATED TO WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT, AND THEN RE-COMPACTED TO AT LEAST 95% OF THE MAXIMUM STANDARD PROCTOR DENSITY.
3. BASE COURSE AND SUB-BASE AGGREGATES SHALL MEET THE CDOT CLASS 6 ABC AND CLASS 2 ABC SPECIFICATIONS, RESPECTIVELY. BASE COURSE AND SUB-BASE AGGREGATES SHALL BE PLACED IN ONE LIFT AND COMPACTED TO AT LEAST 95% OF THE MAXIMUM MODIFIED PROCTOR DENSITY IN ACCORDANCE WITH ASTM 1557.

TYPICAL DRIVEWAY DRAINAGE DITCH DETAIL
N.T.S.



DRIVEWAY VERTICAL PROFILE VIEW
HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'



MORTON BUILDING DRIVEWAY VERTICAL PROFILE VIEW
HORIZ SCALE: 1"=50'
VERT SCALE: 1"=5'

LEGEND

- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- EXISTING EASEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- CENTER LINE OF EXISTING DITCH
- CENTER LINE OF PROPOSED DITCH
- EXISTING OVERHEAD ELECTRICAL
- EXISTING FENCE LINE
- PROPOSED STRUCTURE FOOTPRINT
- PROPOSED GRAVEL DRIVEWAY
- PROPOSED TREE/SHRUB
- MONUMENTS/PROPERTY CORNERS
- SPOT GRADE (72.00)
- FLOW ARROW
- PROPOSED CULVERT
- PROPOSED WATER LINE & WATER TANK

ANNOTATIONS:

BOW	BOTTOM OF WALL
CL	CENTERLINE
COMMS	COMMUNICATIONS
EL	ELEVATION
ELEC	ELECTRICAL
EOA	EDGE OF ASPHALT
EX	EXISTING
FES	FLARED END SECTION
FFE	FINISHED FLOOR ELEVATION
LF	LINEAR FEET/FOOT
INV	INVERT
P/A	PLANTING AREA
R	RADIUS
ROW	RIGHT OF WAY
PR	PROPOSED
TOW	TOP OF WALL
TYP	TYPICAL

GENERAL NOTES:

1. OWNER: FERRUGINOUS, LLC
2. LEGAL DESCRIPTION: TR IN PT OF TR 90 IN SE4 36-5-85 (LESS 1.87 AC ROW) TOTAL 19.88 AC
3. FIELD SURVEYING COMPLETED JUNE 5, 2015 BY FOUR POINTS SURVEYING & ENGINEERING
4. TOPOGRAPHIC DATA GENERATED FROM 2018 LIDAR DATA AND FIELD SURVEY DATA.
5. PROPERTY CORNERS WERE FOUND AS INDICATED HEREON PER FIELD SURVEY.
6. DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
7. ALL FINISHED BARE GROUND SURFACES SHALL RECEIVE A MINIMUM OF 6" OF NATIVE TOPSOIL FOR FINAL GRADING AND SHALL BE RELATIVELY FREE OF STONES, CLODS, STICKS, AND OTHER DEBRIS.
8. SLOPES AND DITCHES SHALL BE STABILIZED WITH ENGINEER APPROVED STRAW EROSION CONTROL BLANKET. APPLY GRASS SEED OF OWNER'S CHOICE BEFORE AND AFTER STRAW BLANKET INSTALLATION AT THE APPROPRIATE SPECIFIC SEEDING RATE.
9. ALL DISTURBED AREAS NOT RECEIVING GRAVEL SURFACING SHALL BE REVEGETATED WITHIN ONE CONSTRUCTION SEASON. APPLY GRASS SEED OF OWNER'S CHOICE.
10. CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES. CALL THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 1-800-922-1987 AND ANY NECESSARY PRIVATE UTILITY TO PERFORM LOCATES PRIOR TO CONDUCTING ANY SITE WORK.
11. BUILDING DIMENSIONS ARE APPROXIMATE AND SUBJECT TO CHANGE PER OWNER.

PROJECT TOTAL EARTHWORK QUANTITIES:

AREA OF DISTURBANCE:	22,000	SQ. FT.
TOPSOIL STRIPPING:	200	CU. YDS.
TOTAL CUT:	215	CU. YDS.
TOTAL FILL:	650	CU. YDS.
NET (FILL):	435	CU. YDS.

NOTES:
1. THE TOTAL CUT VOLUME INCLUDES TOPSOIL STRIPPING.
2. THE FILL VOLUME INCLUDES DRIVEWAY IMPORT MATERIALS.

DRIVEWAY MATERIAL QUANTITIES

MIRIFI 500X FABRIC	14,500 SQ. FT
CLASS 6 SUB-BASE	340 CU. YDS
¾" GRAVEL BASE	300 CU. YDS

FOUR POINTS SURVEYING ENGINEERING
440 S. Lincoln Ave, Suite 4A
P.O. Box 775966
Steamboat Springs, CO 80487
(970)-871-6772
www.fourpointsse.com

No.	DATE	REVISIONS	INT

FEIGES PROPERTY
28880 COUNTY ROAD 14A
ROUTT COUNTY, CO

Horizontal Scale
1" = 20'

Contour Interval = 1 ft

DATE: 4/30/2021
JOB #: 1492-001
DRAWN BY: JLW
DESIGN BY: JLW
REVIEW BY: RL

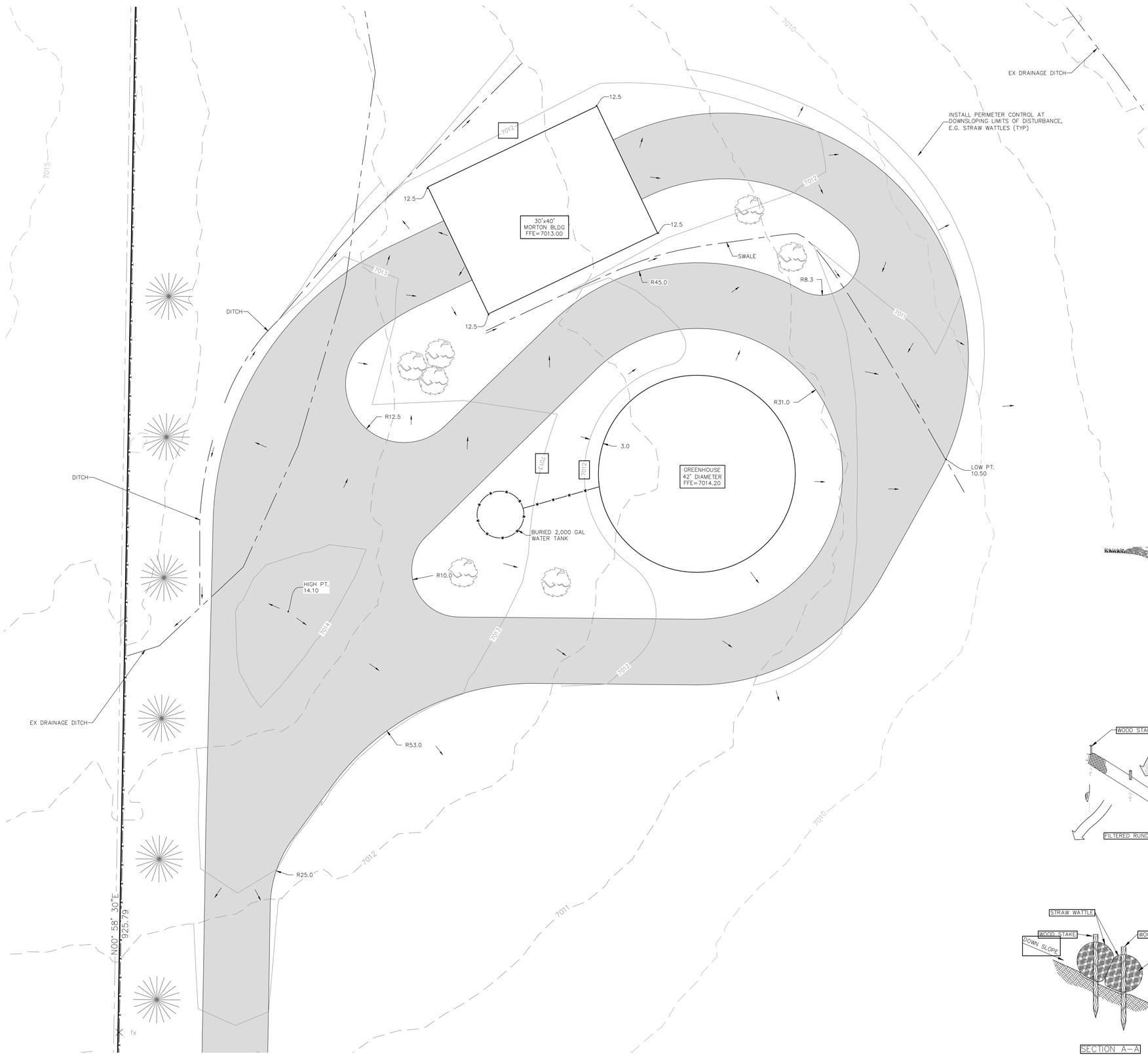
IF THIS DRAWING IS PRESENTED IN A FORMAT OTHER THAN 24"X 36", THE GRAPHIC SCALE SHOULD BE UTILIZED.

REVIEWED FOR CODE COMPLIANCE
04/01/2022

COLORADO LICENSED
Joseph Wiedemeier
0054959
PROFESSIONAL ENGINEER

DRAWING:
DRIVEWAY PLAN & PROFILE

SHEET #
1



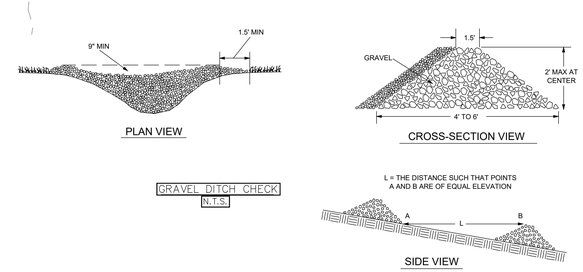
LEGEND

- PROPERTY BOUNDARY
- ADJACENT PROPERTY BOUNDARY
- EXISTING EASEMENT
- EXISTING EDGE OF GRAVEL
- EXISTING 1' CONTOUR
- EXISTING 5' CONTOUR
- PROPOSED 1' CONTOUR
- PROPOSED 5' CONTOUR
- CENTER LINE OF EXISTING DITCH
- CENTERLINE OF PROPOSED DITCH
- EXISTING OVERHEAD ELECTRICAL
- EXISTING FENCE LINE
- PROPOSED STRUCTURE FOOTPRINT
- PROPOSED GRAVEL DRIVEWAY
- PROPOSED TREE/SHRUB
- MONUMENTS
- SPOT GRADE (72.00)
- FLOW ARROW
- PROPOSED CULVERT
- PROPOSED WATER LINE & WATER TANK

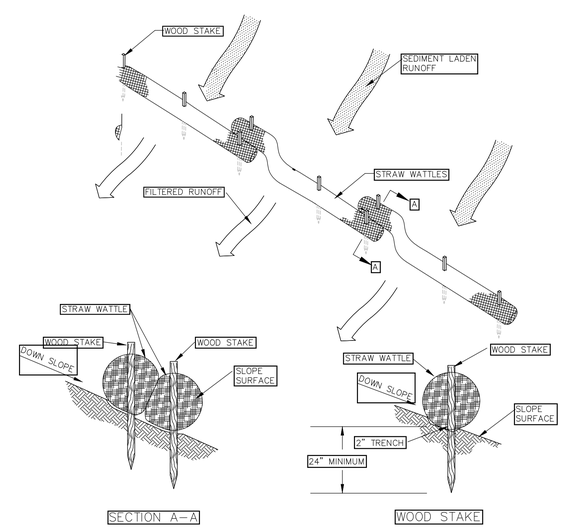
NORTH

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL WORK IN A MANNER THAT MINIMIZES THE POTENTIAL FOR EROSION.
2. CONTRACTOR SHALL PROPERLY INSTALL PERIMETER EROSION CONTROL MEASURES ON ALL DOWNSLOPING LIMITS OF DISTURBANCE (E.G. STRAW WATTLE SOCKS, SILT FENCE).
3. CONTRACTOR SHALL INSTALL GRAVEL OR STRAW WATTLE DITCH CHECKS IN ALL FORMED DITCHES TO PROTECT FROM SCOUR AND SEDIMENT POLLUTION DOWNSTREAM.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, INSPECTING, AND MAINTAINING ALL NECESSARY EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION AND REMOVING EROSION CONTROL WHEN PROJECT IS COMPLETE AND VEGETATION IS ESTABLISHED.
5. ANY AREA DISTURBED BY CONSTRUCTION AND NOT FINISHED WITH GRAVEL SURFACING SHALL BE RE-VEGETATED WITHIN ONE CONSTRUCTION SEASON.



GRAVEL DITCH CHECK
N.T.S.



STRAW WATTLE
N.T.S.

COLORADO LICENSED
Joseph Wiedeman
0054959
PROFESSIONAL ENGINEER

FOUR POINTS SURVEYING ENGINEERING
440 S. Lincoln Ave, Suite 4A
P.O. Box 775966
Steamboat Springs, CO 80487
(970)-871-6772
www.fourpointsse.com

No.	DATE	REVISIONS	INT

FEIGES PROPERTY
28880 COUNTY ROAD 14A
ROUTT COUNTY, CO

Horizontal Scale

10' 0 5' 10'

1" = 10'

Contour Interval = 1 ft

DATE: 3/30/2021
JOB #: 1492-001
DRAWN BY: JLW
DESIGN BY: JLW
REVIEW BY: RL

IF THIS DRAWING IS PRESENTED IN A FORMAT OTHER THAN 24" X 36", THE GRAPHIC SCALE SHOULD BE UTILIZED.

DRAWING:
GRADING & DRAINAGE PLAN - EROSION CONTROL

SHEET #
2