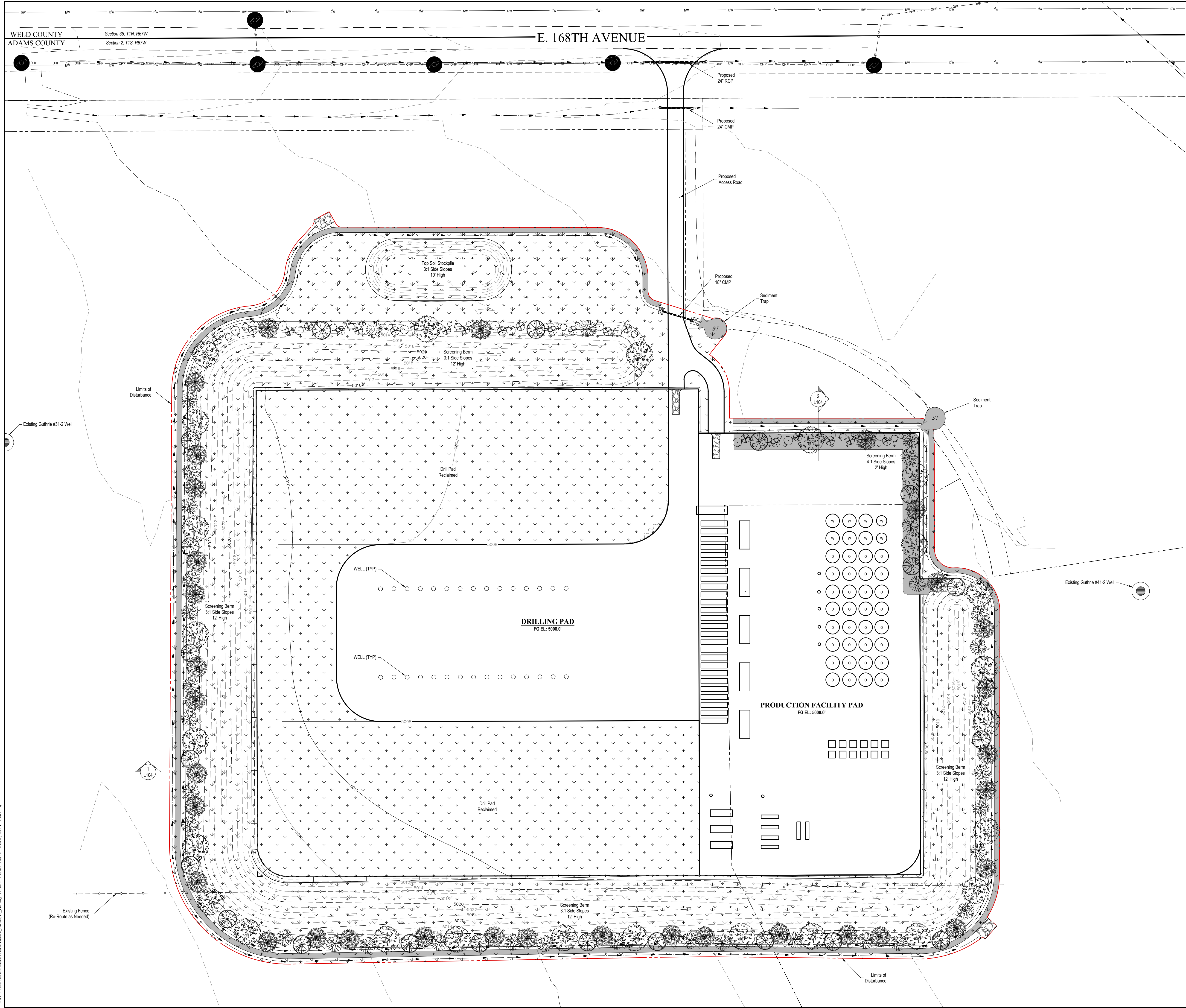


SHEET

L101



COUNTY LANDSCAPE REQUIREMENTS:

- | | |
|-----------------------------|----------------------------|
| 1. PARCEL LAND USE: | AGRICULTURAL (P-U-D ZONE) |
| 2. ADJACENT LAND USE: | RESIDENTIAL / AGRICULTURAL |
| 3. PROPOSED LAND USE: | OLIGAS (INDUSTRIAL) |
| 4. LANDSCAPING BUFFERYARDS: | |
| 4.1. PUBLIC ROW BUFFERYARD: | 18' |
| 4.2. LAND USE BUFFERYARD: | 15' |

OVERALL SITE LANDSCAPING DETAILS	
REQUIREMENT	QTY
WELL PAD LEASE AREA	678,142 SF
LANDSCAPE AREA	447,902 SF
PUBLIC ROW BUFFER WIDTH	18 FT
LAND USE BUFFER WIDTH	15 FT
BUFFER LENGTH (PUBLIC ROW AND LAND USE BUFFERYARDS)	2,936 FT

SITE LANDSCAPING SUMMARY TABLE		
REQUIREMENT	REQUIRED	PROVIDED
LANDSCAPE AREA	67,814 SF (10%)	447,902 SF (66%)
LIVING LANDSCAPE	MIN 28,874 SF (75%)	447,902 SF (100%)
NON-LIVING LANDSCAPE	MAX 9,625 SF (25%)	0 SF (00%)

PUBLIC ROW BUFFERYARD SUMMARY TABLE		
LINEAR FEET OF FRONTAGE BUFFER	742 FT (OPTION 5)	
TREES	TREES REQUIRED 1 TREE PER 60 LF OF FRONTAGE = 13 TREES	TREES PROVIDED 13 TREES
SHRUBS	SHRUBS REQUIRED 5 SHRUBS PER 60 LF OF FRONTAGE = 62	SHRUBS PROVIDED 62 SHRUBS
BUFFER WIDTH	REQUIRED WIDTH 2 FT HIGH, 4:1 SLOPE	WIDTH PROVIDED 2 FT HIGH, 4:1 SLOPE & 12 FT HIGH, 3:1 SLOPE

LAND USE BUFFERYARD SUMMARY TABLE		
LINEAR FEET OF LAND USE BUFFER	2194 FT (BUFFERYARD D PER ZONING)	
TREES	TREES REQUIRED 3 TREES PER 60 LF OF BUFFERYARD = 37 TREES	TREES PROVIDED 37 TREES
SHRUBS	SHRUBS REQUIRED NONE	SHRUBS PROVIDED NONE
BUFFER WIDTH	WIDTH REQUIRED 15 FEET	WIDTH PROVIDED 15 FEET

PLANTING NOTES:

- PLANT QUANTITIES ARE PROVIDED FOR CONTRACTOR'S CONVENIENCE ONLY AND SHALL BE VERIFIED BY CONTRACTOR REVIEWING PLANTING PLAN SYMBOLS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL PLANT MATERIAL INCLUDING SEEDING AREAS IN A HEALTHY STATE DURING CONSTRUCTION. ANY DAMAGE TO PLANT MATERIAL DUE TO NEGLIGENCE BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL TREES TO BE MULCHED WITH WESTERN RED CEDAR MULCH, 3 INCH DEPTH.
- ALL TREES ARE TO BE STAKED AND GUIED.
- REQUIRED PAD AREA TO BE SEEDING AND MULCHED USING SEED MIX PROVIDED. REFER TO PERMANENT SEED MIX TABLE.
- LANDSCAPING SHALL BE INSTALLED WITHIN 60 DAYS OF THE COMPLETION OF DRILLING ACTIVITIES.
- LANDSCAPING SHOWN IS SCHEMATIC. FINAL LAYOUT, TREE, SHRUB, AND GRASSES SPECIES SELECTION, AND SPACING SHALL BE APPROVED BY LAND OWNER. COORDINATION OF FINAL LANDSCAPING DESIGN WITH ADAMS COUNTY IS REQUIRED.
- ALL LANDSCAPING AND REQUIRED BUFFERING SHALL BE CONTINUALLY MAINTAINED INCLUDING IRRIGATION. IF APPLICABLE, WEEDING, PRUNING, AND REPLACING IN A SUBSTANTIALLY SIMILAR MANNER AS ORIGINALLY APPROVED. THE FOLLOWING SURVIVAL STANDARDS SHALL APPLY TO ALL LANDSCAPING AND REQUIRED BUFFERING:
 - LIVING GROUND COVERS: LIVING GROUND COVERS MUST BE FIFTY PERCENT (50%) ESTABLISHED AFTER THE FIRST GROWING SEASON, AND NINETY PERCENT (90%) ESTABLISHED THEREAFTER.
 - NON-LIVING GROUND COVERS: NON-LIVING GROUND COVERS, SUCH AS ROCK OR MULCH MUST BE ONE HUNDRED PERCENT (100%) INTACT AFTER ONE (1) YEAR AND EIGHTY PERCENT (80%) INTACT THEREAFTER.
 - TREES AND SHRUBS: TREES AND SHRUBS MUST HAVE A ONE HUNDRED PERCENT (100%) SURVIVAL RATE AFTER ONE (1) YEAR AND A NINETY PERCENT (90%) SURVIVAL RATE THEREAFTER.
- A LANDSCAPE DRIP IRRIGATION SYSTEM SHALL BE INSTALLED TO PROVIDE ONGOING WATERING OF THE PLANTS AND TREES.
- THE IRRIGATION SYSTEM SHALL BE A DESIGN-BUILD SYSTEM BY THE LANDSCAPE SUBCONTRACTOR.
- THE CONTRACTOR SHALL ENSURE DRIP EMISSIONS ARE PROPERLY SIZED TO PROVIDE ADEQUATE WATERING TO EACH PLANT OR TREE.
- THE DRIP IRRIGATION SYSTEM SHALL BE CONTROLLED BY AN AUTOMATIC TIMER THAT IS SET TO REGULARLY IRRIGATE THE LANDSCAPING.
- THE LANDSCAPING SHALL BE MAINTAINED BY GREAT WESTERN OIL & GAS OVER THE LIFE OF THE WELL LOCATION.

SEED MIX SCHEDULE				
MIX	CONTENTS	QTY	APPLICATION RATE	
ADAMS COUNTY MIX OR APPROVED EQUAL	(20%) BLUE GRAMA (10%) BUFFALOGRASS (20%) TALL FESCUE (20%) SEEDS OF GRAMA (20%) FLORETTED WHEATGRASS (10%) SMOOTH BROME	LIMIT OF DISTURBANCE	15 LBS OF PLS PER ACRE	
NATIVE SEED				

*SEEDING AND MULCHING (SEE NOTE 5)

TREE SCHEDULE				
BOTANICAL NAME	QTY	COMMON NAME	SIZE	SYMBOL
PICEA PUNGENS	21	COLORADO BLUE SPRUCE	6-8' HT.	Symbol
PINUS FLEXILIS 'VANDERWOLF'S PYRAMID'	33	VERWOLF'S PYRAMID PINE	6-8' HT.	Symbol
PINUS NIGRA	33	AUSTRIAN PINE	6-8' HT.	Symbol
PINUS PONDEROSA	25	PONDEROSA PINE	6-8' HT.	Symbol
TOTAL:			112 TREES	

SHRUB SCHEDULE				
BOTANICAL NAME	QTY	COMMON NAME	SIZE	SYMBOL
FALLUGIA PARADOXA	15	APACHE PLUME	1 GAL.	Symbol
CURLLEAF MOUNTAIN MOHOGANY	12	CEROCARPUS LEIDFOLII	5 GAL.	Symbol
ERICAMERIA NAUSEOSA	22	RABBIT BRUSH	1 GAL.	Symbol
RIBES CERULUM	13	WAXLEAF CURRANT	5 GAL.	Symbol
TOTAL:			62 SHRUBS	

* FOR PLANTING AND STAKING REFER TO DETAILS ON SHEET L103.

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GREAT WESTERN OPERATING COMPANY
BASELINE LE PAD
ADMINISTRATIVE USE BY SPECIAL REVIEW
SEC. 2, T1S, R67W, 6TH P.M.
ADAMS, CO

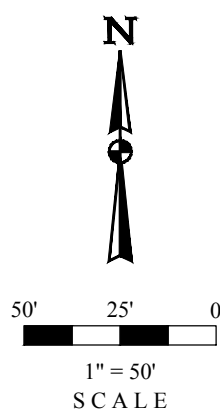
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1	05/20/2018	CLC	CLC	COUNTY REVIEW COMMENT REVISIONS	

RESPONSIBLE ENGINEER:

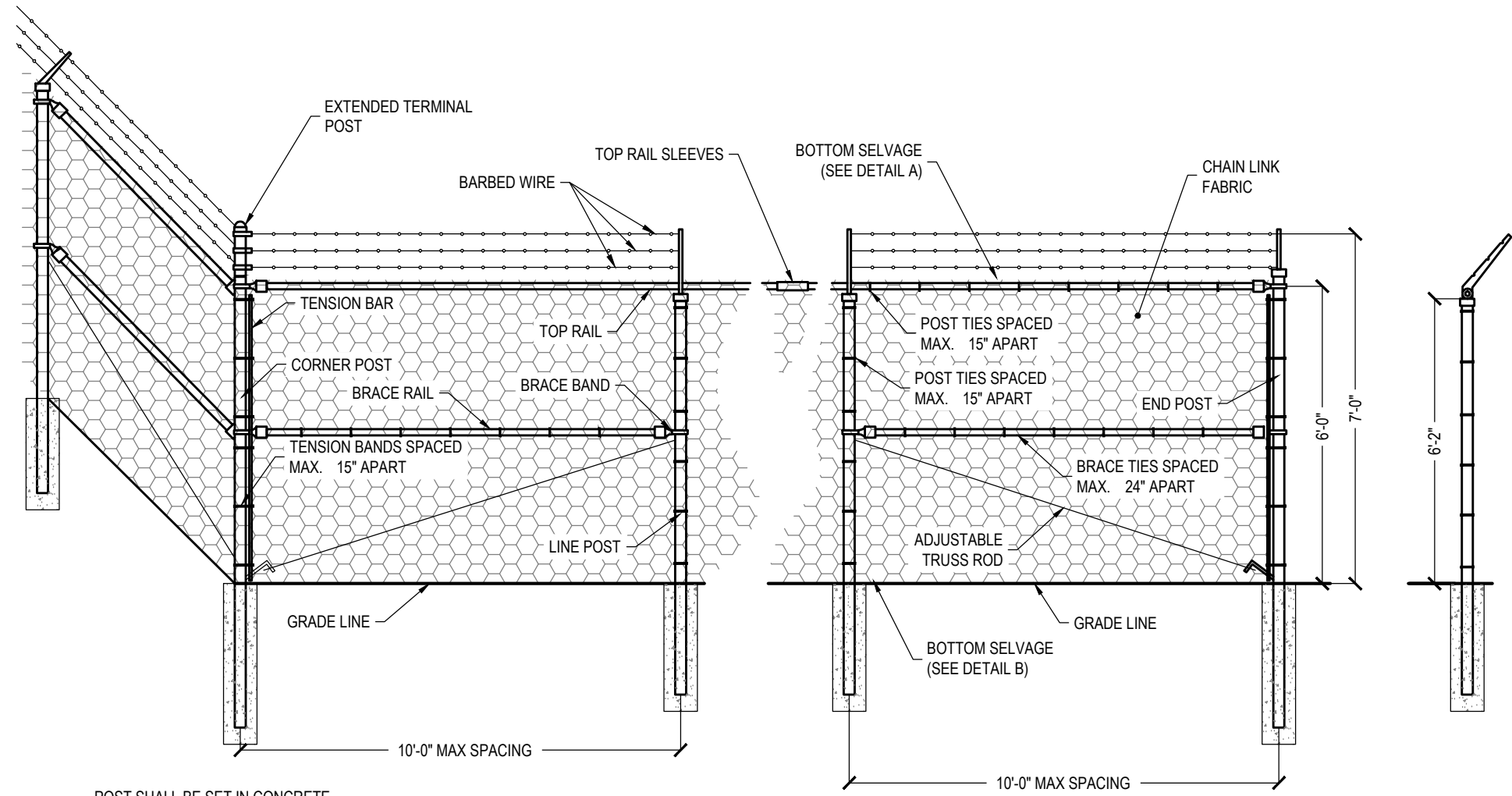
FINAL
LANDSCAPE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11/20/2018
UPLS FILE NO.: G - 1.3.1.6
PROJ. NO.: GRE04-18-0160
FILE: 2 5 3 6 5

SHEET
L102

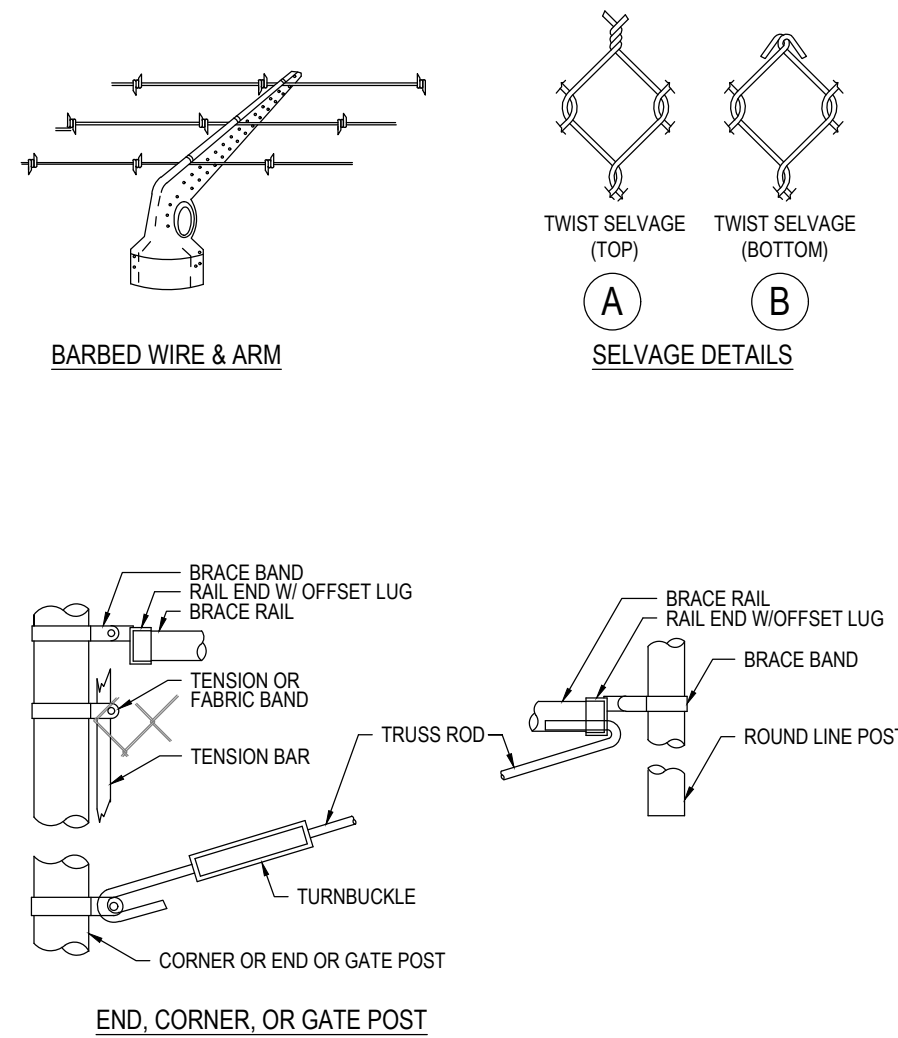


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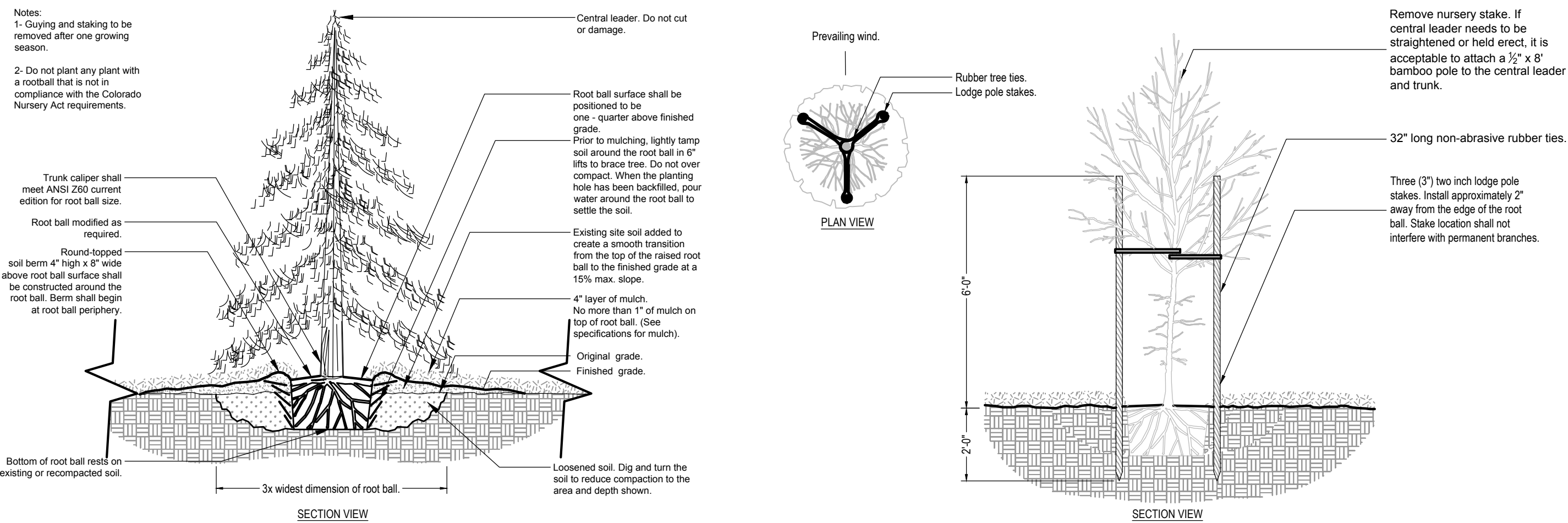


TYPE OF FENCE	6' x 3 INDUSTRIAL				
	9	GAUGE	2"	MESH	6'
FABRIC	2 3/8"	O.D.	5540	LBS P.L.F.	HEIGHT
LINE POSTS	1 5/8"	O.D.	5540	LBS P.L.F.	
TOP RAIL	1 5/8"	O.D.	5540	LBS P.L.F.	
BRACE RAIL	2 7/8"	O.D.	5540	LBS P.L.F.	
TERMINAL POSTS	—	—	—	GAUGE	
TOP TENSION WIRE	YES	—	7	GAUGE	
BOTTOM TENSION WIRE	YES	4 PT.	3	STRANDS	

* BARBED WIRE SHALL MEET ASTM A121, CLASS 1
** ALL MATERIALS GALVANIZED EXCEPT WHERE NOTED POST SHALL MEET ASTM A702, TYPE B STEEL



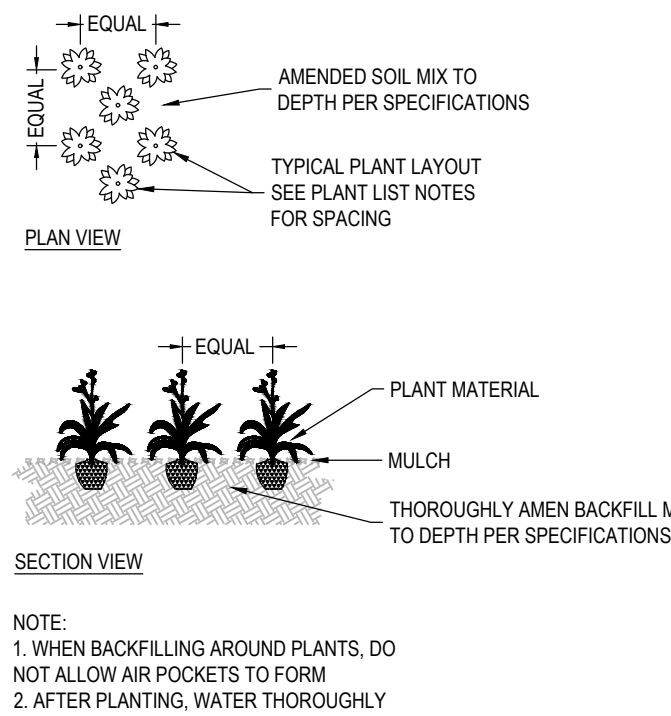
1 CHAIN LINK SECURITY FENCE INSTALLATION DETAILS
NO SCALE



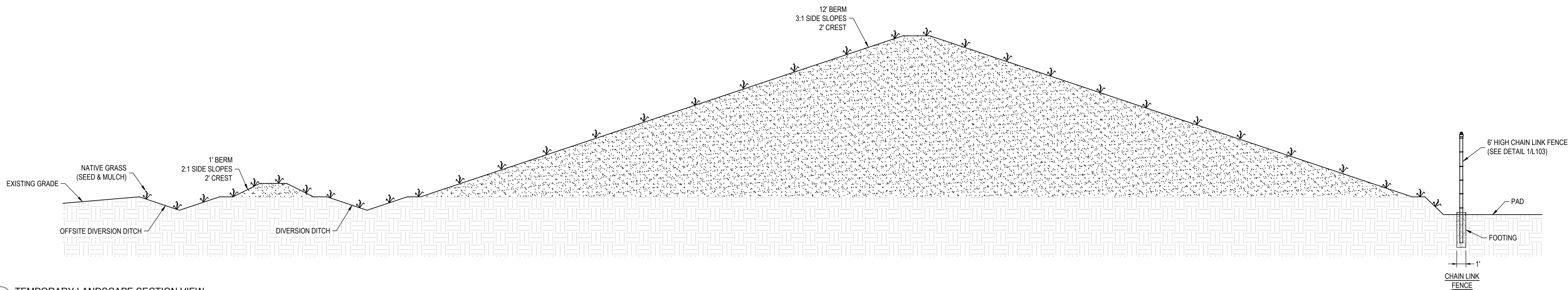
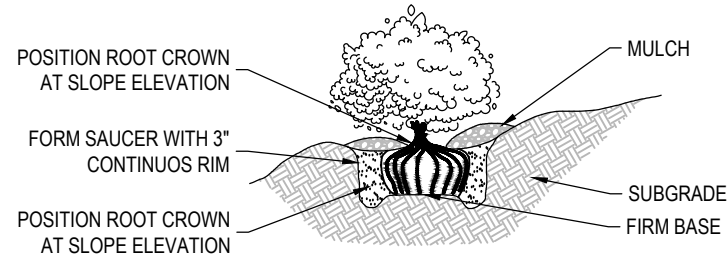
2 EVERGREEN TREE PLANTING DETAIL
NO SCALE

3 TREE-GUYING DETAIL
NO SCALE

4 PERENNIALS PLANTING DETAIL
NO SCALE



5 SHRUB ON SLOPE PLANTING DETAIL
NO SCALE



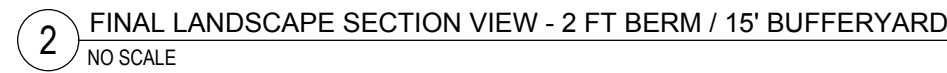
6 TEMPORARY LANDSCAPE SECTION VIEW
NO SCALE

REV	DATE	BY	CHKD	DESCRIPTION
1	05/05/2018	CLG	CLG	COUNTY REVIEW COMMENT REVISIONS

RESPONSIBLE ENGINEER:

LANDSCAPE DETAILS
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11/20/2018
UELS FILE NO.: G - 1.3.1.6
PROJ. NO.: GRE04-18-0160
FILE: 2 5 3 6 5

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SEC. 2, T1S, R67W, 6TH P.M.
ADAMS, CO

[illegible]

RESPONSIBLE ENGINEER:



LANDSCAPE DETAILS

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DATE DRAWN: 11/20/2018
ELS FILE NO.: G - 1 3 1 6
PROJ. NO: GRE04-18-0160
FILE: 2 5 3 6 5

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