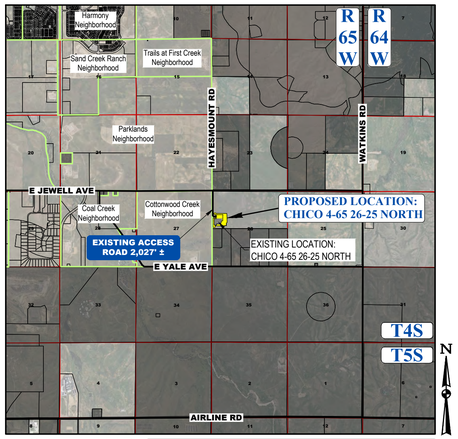
2nd Review
Comments in green were made by PW/Development Services, Engineering reviewer Farhad Sarwari and can be contacted at fsarwari@auroragov.org.

Ready for Technical Referral, Minor comments; VTC Note

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO



VICINITY MAP:

SCALE: 1" = 5,000'
IMAGE DATA SOURCE: GOOGLE EARTH
5,000' 2,500' 0'
1" = 5,000'
S C A L E

LEGEND

EXISTING ROAD	MUNICIPAL BOUNDARY
PROPOSED ROAD	
NEIGHBORHOOD BOUNDARY	
PARCEL BOUNDARY	

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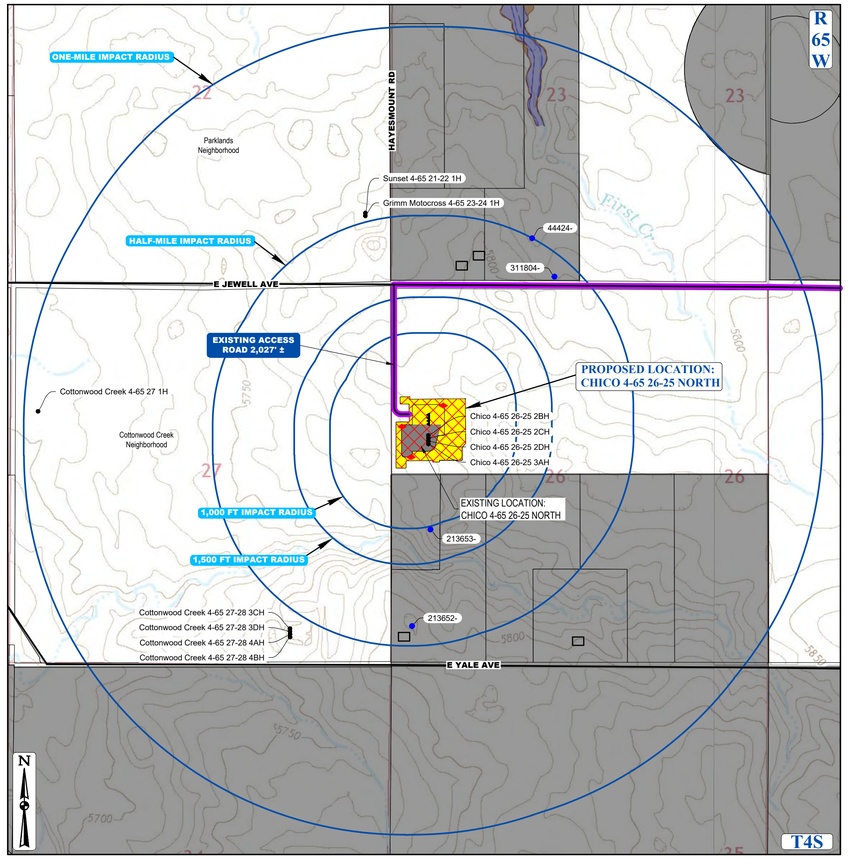
SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED /CITY OF AURORA, BM, O-130, 27-70, 1981/ ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV.: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

FOR ERP PAD LOCATION:
LATITUDE: 39° 40' 34.83"
LONGITUDE: -104° 38' 21.56" (NAD 83)

DATA BLOCK

SIZE OF DISTURBED AREA DURING CONSTRUCTION IN ACRES	18.25 AC
SIZE OF LOCATION AFTER INTERIM RECLAMATION IN ACRES	5.68 AC
NUMBER OF WELLS	4 NEW, 4 EXISTING
ZONING DESIGNATION	R-2 MEDIUM-DENSITY RESIDENTIAL DISTRICT
MAXIMUM STRUCTURE HEIGHT (TEMPORARY)	100 FT
MAXIMUM STRUCTURE HEIGHT (PERMANENT)	37 FT



CONTEXT MAP

SCALE: 1" = 1,000'
1,000' 500' 0'
1" = 1,000'
S C A L E

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD	NEIGHBORHOOD BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	PROPOSED ROAD	PARCEL BOUNDARY
PERMITTED WATER WELL PER COLORADO DIVISION OF WATER RESOURCES AUGUST, 2024	HAUL ROUTE	MUNICIPAL BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	OCCUPIED STRUCTURE/RESIDENCE	LIMITS OF SITE DISTURBANCE
PROPOSED AIR QUALITY MONITORING STATIONS	100-YR FLOODPLAIN	500-YR FLOODPLAIN

NOTES:
1. LIGHTING: LIGHTING SHALL BE DOWNCAST, AND SHALL NOT SHINE BEYOND THE BOUNDARIES OF THE WELL SITE. REFER TO PHOTOMETRIC PLAN.
2. PRODUCTION SITE CONTAINMENT: THE OPERATOR SHALL UTILIZE STEEL-RIM BERMS AT THE WELL SITES WITH SUFFICIENT CAPACITY TO CONTAIN 1.5 TIMES THE MAXIMUM VOLUME OF THE LARGEST TANK ON LOCATION THAT SUCH FACILITY WILL CONTAIN AT ANY GIVEN TIME PLUS SUFFICIENT FREEBOARD TO PREVENT OVERFLOW AROUND ALL PERMANENT TANKS.
3. COLOR: ALL PERMANENT ABOVE GROUND ASSOCIATED PRODUCTION EQUIPMENT, STRUCTURES AND STATIONARY EQUIPMENT ON EACH WELL SITE MUST BE PAINTED IN A TAN OR BROWN MATTE FINISH UNLESS A DIFFERENT COLOR IS NECESSARY FOR SAFETY PER REGULATIONS.
4. WEEDS: CRESTONE PEAK RESOURCES OPERATING LLC SHALL UNDERTAKE ALL REASONABLE EFFORTS NECESSARY TO CONTROL THE GERMINATION, GROWTH, AND SPREAD OF NOXIOUS WEEDS AT THE WELL SITE AND ALONG ACCESS ROADS PURSUANT TO THE OPERATOR AGREEMENT, AND CITY AND STATE REGULATIONS.
5. FINAL RECLAMATION: AS SOON AS REASONABLE PRACTICABLE, AND IN ANY EVENT WITHIN SIX MONTHS FOLLOWING THE PLUGGING AND ABANDONMENT OF A WELL, OR THE TERMINATION OF ANY OTHER OPERATIONS OR USE OF THE LANDS WHICH RESULTED IN THE DISTURBANCE OF THE SURFACE INCLUDING BUT NOT LIMITED TO DRILLING, COMPLETION, REWORKING, RECOMPLETION, OR OPERATIONS, CRESTONE PEAK RESOURCES OPERATING LLC SHALL REMEDIATE, RECONTOUR, RESEED AND RESTORE, AS NEAR AS REASONABLY POSSIBLE, ALL AREAS SO DISTURBED TO THE CONDITION WHICH THEY WERE PRIOR TO CONSTRUCTION.
6. NOISE: A NOISE MITIGATION PLAN THAT COMPLIES WITH ALL COMPONENTS OF OPERATOR AGREEMENT EXHIBIT C, ITEM 2 HAS BEEN SUBMITTED TO THE CITY OF AURORA.
7. IN ADDITION TO COMPLYING WITH ECMC RULE 805.C IN REGARDS TO FUGITIVE DUST, CRESTONE PEAK RESOURCES OPERATING LLC WILL MITIGATE SUCH EMISSIONS RESULTING FROM GRADING ACTIVITIES AND/OR WIND BY USING REASONABLY AVAILABLE CONTROL TECHNOLOGY AS DEFINED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENT. CRESTONE PEAK RESOURCES OPERATING LLC SHALL MAINTAIN THE DUST FREE SURFACE AS PROVIDED WITHIN THE SITE PLAN. OTHERWISE IF CRESTONE PEAK RESOURCES OPERATING LLC FAILS TO MAINTAIN THE DUST FREE SURFACE AS IDENTIFIED WITHIN THE SITE PLAN AND FAILS TO CORRECT THE CONDITION AFTER NOTIFICATION OF THE CONDITION, CRESTONE PEAK RESOURCES OPERATING LLC AGREES TO REMOVE IT AND REPLACE IT WITH AN IMPROVED SURFACE SUCH AS CONCRETE OR ASPHALT WITHIN THE SPECIFIED TIME OF THE NOTIFICATION.
8. CRESTONE PEAK RESOURCES OPERATING LLC SHALL COMPLY WITH ALL ECMC RULES AND REGULATIONS AND AIR QUALITY CONTROL COMMISSION RULES REGARDING OIL AND GAS DEVELOPMENT. THE BMPS IN THE OPERATOR AGREEMENT SUPPLEMENT AND ADD TO THESE APPLICABLE STATE RULES AND REGULATIONS. CRESTONE PEAK RESOURCES OPERATING LLC SHALL ALSO COMPLY WITH APPLICABLE FEDERAL, STATE, AND LOCAL STATUTES, ORDINANCES, RULES, REGULATIONS AND STANDARDS PERTAINING TO PUBLIC HEALTH, SAFETY, AND WELFARE AND THE ENVIRONMENT. CRESTONE PEAK RESOURCES OPERATING LLC SHALL COMPLY WITH THE MORE PROTECTIVE OF THE BMPS CONTAINED IN THE OPERATOR AGREEMENT OR APPLICABLE FEDERAL OR STATE REGULATION OVER OIL AND GAS. IF THERE ARE ANY CONFLICTS BETWEEN LOCAL GOVERNMENT RULES AND THE OPERATOR AGREEMENT, THE OPERATOR AGREEMENT SHALL CONTROL.
9. ALL OPERATIONS AREAS SHALL BE ENCLOSED WITH A 4' TALL BARBED WIRE FIELD FENCE TO RESTRICT WILDLIFE AND/OR LIVESTOCK FROM ENTERING THE LOCATION.
10. FLOWLINES: ALL ON-LOCATION FLOWLINES WILL BE CONSTRUCTED WITHIN THE BOUNDARY OF THE WELL PAD.
11. TREE MITIGATION: THE OIL AND GAS LOCATION AND/OR WELL SITE WILL BE CONSTRUCTED IN A MANNER TO MINIMIZE THE REMOVAL OF AND DAMAGE TO EXISTING TREES IN ACCORDANCE WITH THE CITY'S TREE MITIGATION ORDINANCE AND THE OPERATOR AGREEMENT BMP, EXHIBIT C, BMP #10 TREE MITIGATION.
12. CRESTONE PEAK RESOURCES OPERATING LLC SHALL CONDUCT OPERATIONS IN A MANNER TO AVOID CAUSING DEGRADATION TO SURFACE OR GROUND WATERS WITHIN THE CITY AND TO WETLANDS WITHIN THE CITY IN ACCORDANCE WITH SECTION 46 OF THE OPERATOR AGREEMENT EXHIBIT C.

CULTURAL FEATURE	DISTANCE FROM EDGE OF WORKING PAD SURFACE (FT)
RESIDENTIAL BUILDING UNIT (RBU)	NORTH 1924'±
FENCE	NORTH 1736'±
POWER LINE	NORTH 1734'±
FIBER OPTIC LINE	NORTH 1727'±
JEWELL AVE	NORTH 1672'±
FENCE	NW 1618'±
PIPELINE	NW 1605'±
VALVE SITE FENCE	NW 1524'±
VALVE SITE FENCE	NW 18'±
FENCE	WEST 181'±
VALVE SITE FENCE	WEST 222'±
PIPELINE	WEST 251'±
FENCE	WEST 165'±
TWO-TRACK	NW 434'±
WATER WELL	SOUTH 1045'±
CHICO 4-65 26-25 2BH WELL	N/A
CHICO 4-65 26-25 2CH WELL	N/A
CHICO 4-65 26-25 2DH WELL	N/A

CULTURAL FEATURE	DISTANCE FROM EDGE OF WORKING PAD SURFACE (FT)
CHICO 4-65 26-25 3AH WELL	N/A
TANK BATTERY	N/A
COMPRESSOR	N/A
COMBUSTOR	N/A
SEPARATORS	N/A
FENCE	SE 776'±
BUILDING	NORTH 2184'±
RESIDENTIAL BUILDING UNIT (RBU)	NORTH 1924'±
HIGH OCC. BUILDING UNIT (HOBU)	SW 5280'+
DESIGNATED OUTDOOR ACTIVITY AREA	NW 5280'+
PUBLIC ROAD (JEWELL AVE.)	NORTH 1672'±
ABOVE GROUND UTILITY	NORTH 1734'±
RAILROAD	NORTH 5280'+
PROPERY LINE	WEST 150'±
SCHOOL FACILITY	SW 5280'+
CHILD CARE FACILITY	SW 5280'+
DISPROPORTIONATELY IMPACTED COMMUNITY (DIC)	0
RBU, HOBU, OR SCHOOL FACILITY WITHIN A DIC WITHIN 2,000-FT OF THE WORKING PAD SURFACE	NORTH 1924'±

NOTE:
- DISTANCES SHOWN ARE FROM NEAREST EDGE OF WORKING PAD SURFACE.

LEGAL DESCRIPTION:

SW 1/4 NW 1/4, SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN, ARAPAHOE COUNTY, COLORADO

ARAPAHOE COUNTY PARCEL NUMBER: 1977-00-0-00-550

SITE PLAN NOTES:

1. RIGHT-OF-WAY FOR INGRESS AND EGRESS FOR SERVICE AND EMERGENCY VEHICLES AND PERSONNEL IS GRANTED OVER, ACROSS, ON AND THROUGH ANY AND ALL PRIVATE ROADS, AND WAYS NOW OR HEREAFTER ESTABLISHED ON THE CHICO 4-65 26-25 NORTH OIL & GAS WELL SITE.
2. THE APPROVAL OF THIS DOCUMENT DOES NOT CONSTITUTE FINAL APPROVAL OF GRADING, DRAINAGE, UTILITY, PUBLIC IMPROVEMENTS AND BUILDING PLANS. CONSTRUCTION PLANS MUST BE REVIEWED AND APPROVED BY THE CITY OF AURORA PUBLIC WORKS DEPARTMENT.
3. ALL INTERESTED PARTIES ARE HEREBY ALERTED THAT THIS SITE PLAN IS SUBJECT TO ADMINISTRATIVE CHANGES AND AS SHOWN ON THE ORIGINAL SITE PLAN ON FILE IN THE AURORA CITY PLANNING AND DEVELOPMENT SERVICES DEPARTMENT. A COPY OF THE OFFICIAL CURRENT PLAN MAY BE OBTAINED THERE. LIKEWISE, SITE PLANS ARE REQUIRED TO AGREE WITH THE APPROVED SUBDIVISION PLAT OF RECORD AT THE TIME OF A BUILDING PERMIT; AND IF NOT, MUST BE AMENDED TO AGREE WITH THE PLAT AS NEEDED, OR VICE VERSA.
4. ERRORS IN APPROVED SITE PLANS RESULTING FROM COMPUTATIONS OR INCONSISTENCIES IN THE DRAWINGS MADE BY THE APPLICANT ARE THE RESPONSIBILITY OF THE PROPERTY OWNER OF RECORD. WHERE FOUND, THE CURRENT MINIMUM CODE REQUIREMENTS WILL APPLY AT THE TIME OF BUILDING PERMIT. PLEASE BE SURE THAT ALL PLAN COMPUTATIONS ARE CORRECT.
5. ALL REPRESENTATIONS AND COMMITMENTS MADE BY APPLICANTS AND PROPERTY OWNERS AT PUBLIC HEARINGS REGARDING THIS PLAN ARE BINDING UPON THE APPLICANT, PROPERTY OWNER, AND ITS HEIRS, SUCCESSORS, AND ASSIGNS.
6. WITHIN THE CHICO 4-65 26-25 NORTH OIL & GAS DEVELOPMENT, THE DEVELOPER IS RESPONSIBLE FOR SIGNING AND STRIPING ALL PUBLIC STREETS. THE DEVELOPER IS REQUIRED TO PLACE TRAFFIC CONTROL, STREET NAME, AND GUIDE SIGNS ON ALL PUBLIC STREETS AND PRIVATE STREETS APPROACHING AN INTERSECTION WITH A PUBLIC STREET. SIGNS SHALL BE FURNISHED AND INSTALLED PER THE MOST CURRENT EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CITY STANDARDS, AND SHOWN ON THE SIGNING AND STRIPING PLAN FOR THE DEVELOPMENT.
7. ALL SIGNS MUST CONFORM TO THE CITY OF AURORA SIGN CODE.
8. ALL CONSTRUCTION VEHICLES, INCLUDING CONSTRUCTION WORKERS' VEHICLES, SHALL ACCESS THE SITE FROM DESIGNATED HAUL ROUTES AND NOT THROUGH THE ADJACENT RESIDENTIAL NEIGHBORHOOD(S).
9. THE APPLICANT CRESTONE PEAK RESOURCES OPERATING LLC, AND THE CITY OF AURORA HAVE EXECUTED A ROADWAY AGREEMENT EFFECTIVE JANUARY 3RD, 2018 THAT ADDRESSES THE HAUL ROUTE AND ACCESS ROAD FOR THIS OIL & GAS LOCATION. A MAP OF THE HAUL ROUTE IS DEPICTED ON SHEETS 2 & 22 OF THIS SITE PLAN. AN AMENDED ROAD MAINTENANCE AGREEMENT WAS SIGNED DECEMBER 18, 2019.
10. PROVIDED AT LEAST ONE WELL IS DRILLED AND COMPLETED DURING THE INITIAL THREE (3) YEAR PERIOD FOLLOWING APPROVAL OF A MULTI-WELL PAD LOCATION, SUCH APPROVAL PERMANENTLY VESTS THE PERMITTED LOCATION FOR THE NUMBER OF WELLS AS CONTAINED WITHIN THE INITIAL PERMIT APPROVAL. HOWEVER, ONLY THOSE WELLS THAT ARE DRILLED AND COMPLETED DURING THE INITIAL THREE (3) YEAR PERIOD FOLLOWING APPROVAL OF THIS MULTI-WELL PAD LOCATION SHALL BE VESTED. IF ADDITIONAL WELLS ARE TO BE DRILLED AT THE MULTI-WELL PAD LOCATION FOLLOWING EXPIRATION OF THE INITIAL THREE (3) YEAR PERIOD, THE PERMIT FOR THOSE WELLS SHALL BE RENEWED PURSUANT TO THIS PROVISION. THE PERMIT RENEWAL PROCESS IS THE PROCESS TO ENSURE APPLICATION OF MOST RECENT AND APPLICABLE BEST MANAGEMENT PRACTICES ASSOCIATED WITH APPLICATION OF THE PERMITTING STANDARDS CONTAINED WITHIN THIS CODE. THE PERMIT RENEWAL PROCESS ALSO ALLOWS THE OPERATOR TO INFORM THE CITY OF ANY MOST RECENT AND APPLICABLE BEST MANAGEMENT PRACTICES ASSOCIATED WITH WELL DRILLING AND COMPLETION. TO ACHIEVE THESE GOALS, THE PERMIT RENEWAL PROCESS SHALL INCLUDE APPLICATION OF ALL NECESSARY AND RELEVANT PROVISIONS OF THIS CODE AS DETERMINED BY THE AURORA DIRECTOR OF PLANNING. THE OIL AND GAS PERMIT CONSTITUTES A SITE-SPECIFIC DEVELOPMENT PLAN UNDER C.R.S. SEC. 24-68-101, ET SEQ. AND REPRESENTS A VESTED PROPERTY RIGHT FOR THE OPERATOR TO DEVELOP THE WELLSITE SO LONG AS THE OPERATOR IS IN COMPLIANCE WITH THE CITY COUNCIL-APPROVED JUNE 5, 2019 OPERATOR AGREEMENT.
11. CRESTONE PEAK RESOURCES OPERATING LLC WILL PAVE THE FIRST 100-FT OF THE ACCESS ROAD WHEN JEWELL AVE. IS PAVED.

PERMITTED WATER WELLS

	Status	Receipt	Permit	DWR Permit Status	Contact Name	County	Twn	Rng	Sec	Q40	Q160	Latitude	Longitude	Aquifer(s)	Use(s)	TD
1	1 - Water Source will be sampled pending well owner permission	0435307B	213652-	Well Constructed	ARABADIIEV, ROSSEN	ARAPAHOE	4S	65W	26	SW	SW	39.668867	-104.6399	DENVER	Domestic	
2	2 - Water Source will be sampled pending well owner permission	3688683	311804-	Well Constructed	HENRY, WILLIAM	ARAPAHOE	4S	65W	23	SE	SW	39.682243	-104.6328	UPPER DAWSON	Domestic	
3	3 - Water Source will be sampled pending well owner permission	0435307A	213653-	Well Constructed	MOORE, DANIEL	ARAPAHOE	4S	65W	26	NW	SW	39.672567	-104.6390	UPPER ARAPAHOE	Domestic	
4	4 - Water Source will be sampled pending well owner permission	9006960	44424-	Well Constructed	GRIMM, ALBERT	ARAPAHOE	4S	65W	23	SE	SW	39.683722	-104.6339	DENVER	Domestic	
5	Eliminated – DWR Permit Status	5596	106304-	Permit Canceled	DELANEY, JOSEPH E	ARAPAHOE	4S	65W	26	SW	SW	39.668867	-104.6399	ALL UNNAMED AQUIFERS	Domestic	

WATER WELL NOTES:
1. APPLICANT SHALL COMPLY WITH THE WATER QUALITY MONITORING PROVISIONS DESCRIBED IN THE OPERATORS AGREEMENT.
2. BASELINE AND SUBSEQUENT WATER QUALITY TESTING WILL BE PERFORMED IN ACCORDANCE WITH ECMC RULE.

ACCESS ROAD AND PAD CONSTRUCTION NOTE:
ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (85,000 LBS) UTILIZING THE CDOT ROAD-BASE #6 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 29' INSIDE TURNING RADIUS. WHILE CDOT #6 IS SPECIFIED, THE MATERIAL USED TO CONSTRUCT THESE SURFACES MAY BE OF ANY ONE OF, OR A COMBINATION OF SEVERAL AGGREGATE MATERIALS AVAILABLE. APPROVED MATERIALS INCLUDE PREMIXED ROAD BASE MATERIAL. 1-1.5 ANGULAR INCH RIVER ROCK, CRUSHED GRANITE OR OTHER AGGREGATE WITH NOT LESS THAN ONE-INCH NOMINAL SIZE DESIGNATION AND CDOT ROAD BASE CLASS 6. A SOLID SURFACE (CONCRETE OR ASPHALT) WILL BE ADDED FOR THE FIRST 100 FEET FROM A PAVED PUBLIC R.O.W. THE MAINTENANCE OF THE ROAD WILL BE IN GOOD REPAIR AT ALL TIMES, CLEAR OF ANY STRUCTURES OR OBSTRUCTIONS, AND AN ALL WEATHER SURFACE ALLOWING FOR AN UNOBSTRUCTED PATH FOR EMERGENCY APPARATUS USE.

PROPOSED AIR QUALITY MONITORING STATIONS	LATITUDE (DD)	LONGITUDE (DD)
AQM 1 (PRE-PROD)	39.67652°	-104.64035°
AQM 2 (PRE-PROD)	39.67732°	-104.63830°
AQM 3 (PRE-PROD)	39.67535°	-104.63991°
AQM 1 (PRODUCTION)	39.67652°	-104.64035°
AQM 2 (PRODUCTION)	39.67693°	-104.63872°
AQM 3 (PRODUCTION)	39.67535°	-104.63991°

Repeated Comment:

Engineering discussed with Oil and Gas Division and agreed that VTC (Vehicle Tracking Control) pads shall be installed at the entrance of access road to Jewel Ave instead of paving these streets. First 100' of the access road shall be paved when Jewel Ave is paved in this area.

Please reach out to Jeffrey Moore at jsmoore@auroragov.org and cc Brianna Medema at bmedema@auroragov.org to execute a minor change agreement before your next submittal and provide a brief summary of this agreement as a note on this plan set.

Please extend this note or add another note for providing Vehicle Tracking Control Pads.

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT

LEGAL DESCRIPTION: SW 1/4 NW 1/4, SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN, ARAPAHOE COUNTY, COLORADO

THIS SITE PLAN AND ANY AMENDMENTS HERETO, UPON APPROVAL BY THE CITY OF AURORA AND RECORDING, SHALL BE BINDING UPON THE APPLICANTS THEREFORE, THEIR SUCCESSORS AND ASSIGNS. THIS PLAN SHALL LIMIT AND CONTROL THE ISSUANCE AND VALIDITY OF ALL BUILDING PERMITS, AND SHALL RESTRICT AND LIMIT THE CONSTRUCTION, LOCATION, USE, OCCUPANCY AND OPERATION OF ALL LAND AND STRUCTURES WITHIN THIS PLAN TO ALL CONDITIONS, REQUIREMENTS, LOCATIONS AND LIMITATIONS SET FORTH HEREIN. ABANDONMENT, WITHDRAWAL OR AMENDMENT OF THIS PLAN MAY BE PERMITTED ONLY UPON APPROVAL OF THE CITY OF AURORA.

IN WITNESS THEREOF,_____HAS CAUSED THESE
(CORPORATION, COMPANY, OR INDIVIDUAL)

PRESENTS TO BE EXECUTED THIS_____DAY OF _____, AD, 20_____.

BY: _____
(PRINCIPALS OR OWNERS)

STATE OF _____) SS

COUNTY OF _____)

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME THIS _____ DAY OF _____AD, 20_____BY

_____,
(PRINCIPALS OR OWNERS)

WITNESS MY HAND AND SEAL

_____
(NOTARY PUBLIC)

MY COMMISSION EXPIRES:_____

NOTARY BUSINESS ADDRESS_____

CITY OF AURORA APPROVALS

CITY ATTORNEY:_____DATE:_____

PLANNING DIRECTOR:_____DATE:_____

PLANNING COMMISION:_____DATE:_____

CITY COUNCIL:_____DATE:_____

ATTEST: _____DATE:_____
(CITY CLERK)

DATABASE APPROVAL DATE:_____

RECORDER'S CERTIFICATE:
ACCEPTED FOR FILING IN THE OFFICE OF THE CLERK AND RECORDER OF
COLORADO AT_____O'CLOCK_____M, THIS_____DAY OF_____AD,_____

CLERK AND RECORDER:_____DEPUTY:_____

UINTAH
ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com

- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVI	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

COVER SHEET

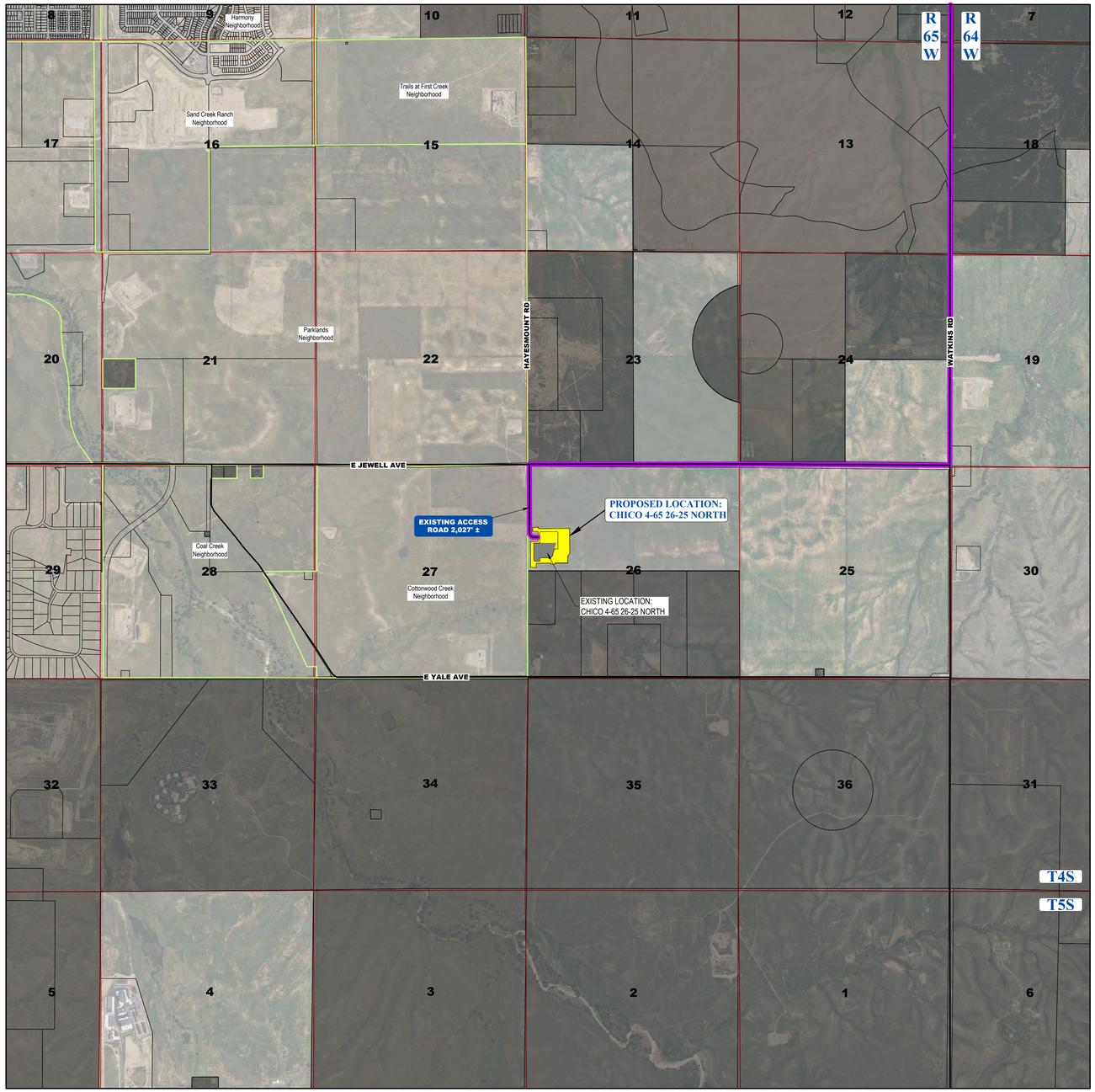
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

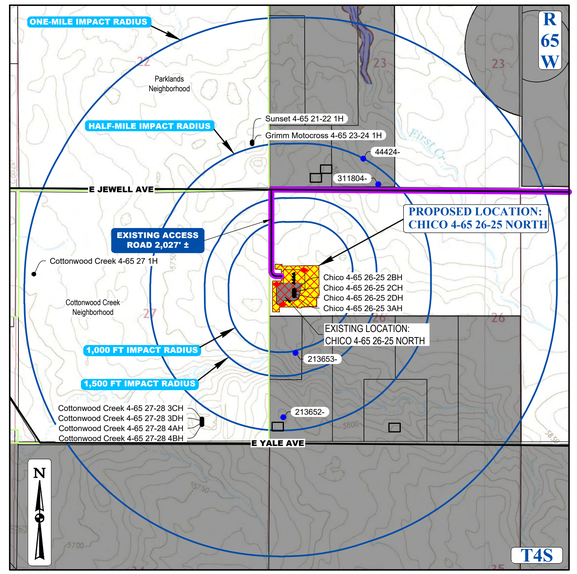
SHEET
1

E:\FILE FOLDERS\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH SITE PLAN.dwg COARLSON 11/25/2025 8:53 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO





CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND

◀	PROPOSED OIL AND GAS WELL SITE		EXISTING ROAD
	OCCUPIED STRUCTURE/RESIDENCE		PROPOSED ROAD
	MUNICIPAL BOUNDARY		HAUL ROUTE
	LIMITS OF SITE DISTURBANCE		PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024		NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS		100-YR FLOODPLAIN
◀	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN

DISCLAIMER:
1. THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.
2. PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY UINTAH ENGINEERING & LAND SURVEYING.

NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.

VICINITY MAP:
SCALE: 1" = 1,500'
IMAGE DATA SOURCE: GOOGLE EARTH

LEGEND

	EXISTING ROAD		NEIGHBORHOOD BOUNDARY
	PROPOSED ROAD		PARCEL BOUNDARY
	HAUL ROUTE		MUNICIPAL BOUNDARY

N
1,500' 750' 0'
1" = 1,500'
SCALE

SURVEY BENCHMARK
COA ID: 4S652BNW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81 (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987
UNCC UTILITY NOTIFICATION CENTER OF COLORADO

UINTAH ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
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- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

NO.	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

VICINITY MAP

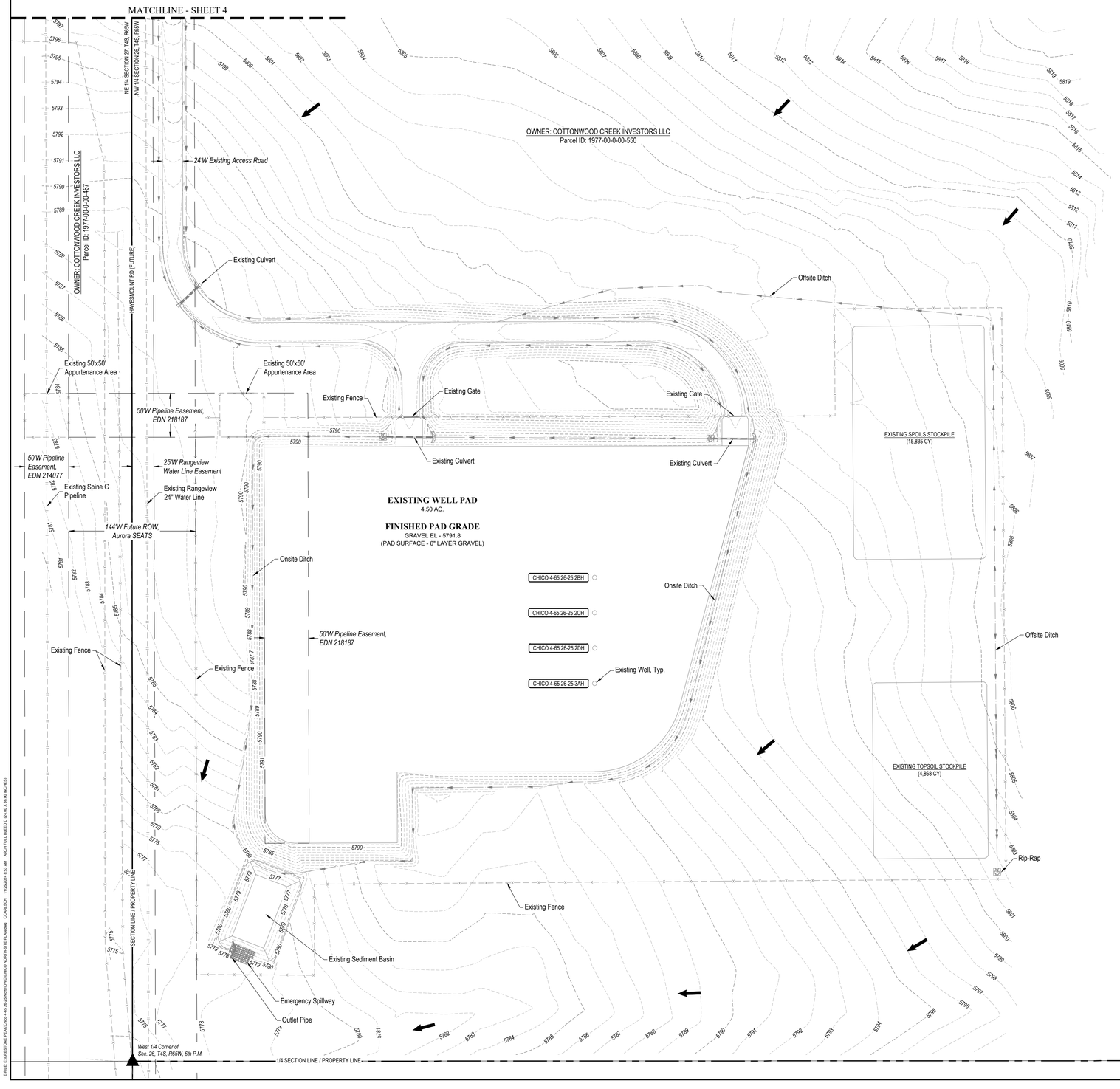
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

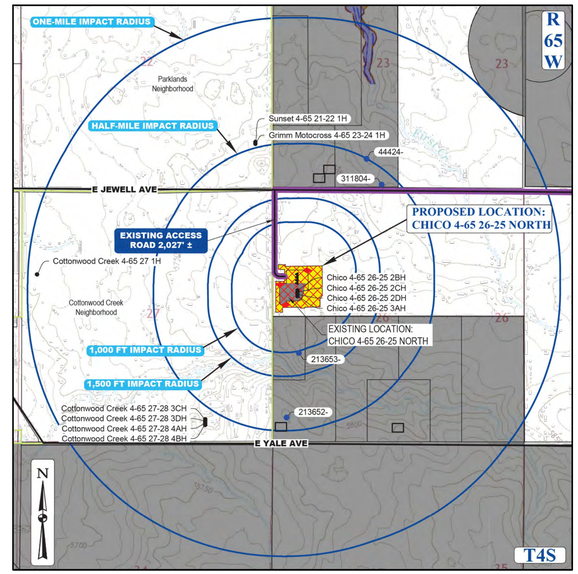
SHEET
2

E:\FILE E CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH SITE PLAN.dwg CCHILSON 11/25/2024 8:53 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO





CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

- WELL PAD CORNER STAKE
- F.G.=5791.8 / EL-17.0' — DESIGN "C" CUT OR "F" FILL TO FINISHED GRADE / EXISTING GROUND ELEV. AT CORNER STAKE (TRUNCATED LESS 5,500 FEET)
- DIVERSION DITCH
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- RIGHT-OF-WAY
- EX. EASEMENT CORRIDOR
- EX. BURIED PIPELINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIP-RAP OUTLET PROTECTION
- FLOW DIRECTION

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

DISCLAIMER:

1. THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.
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NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.

N

60' 30' 0'

1" = 60'

SCALE

SURVEY BENCHMARK

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NO.	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

EXISTING CONDITIONS SITE PLAN

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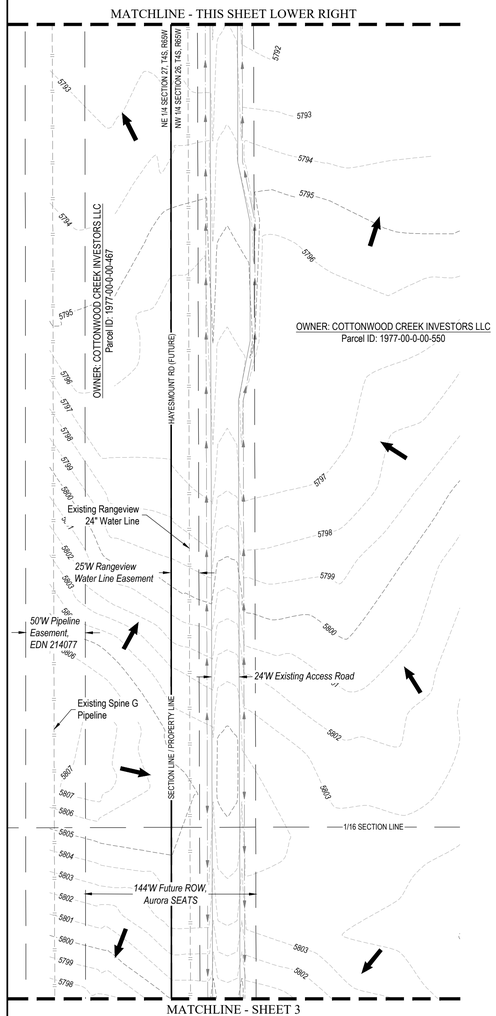

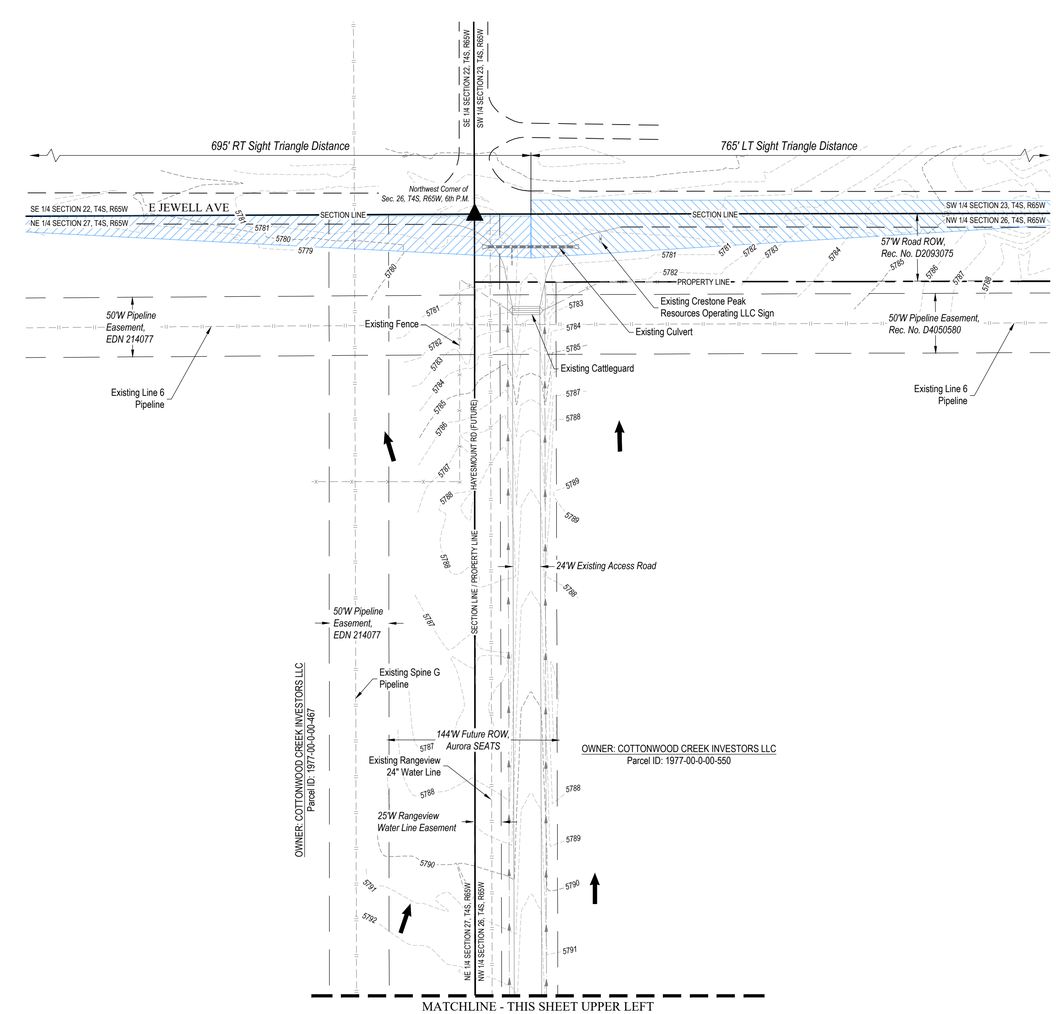

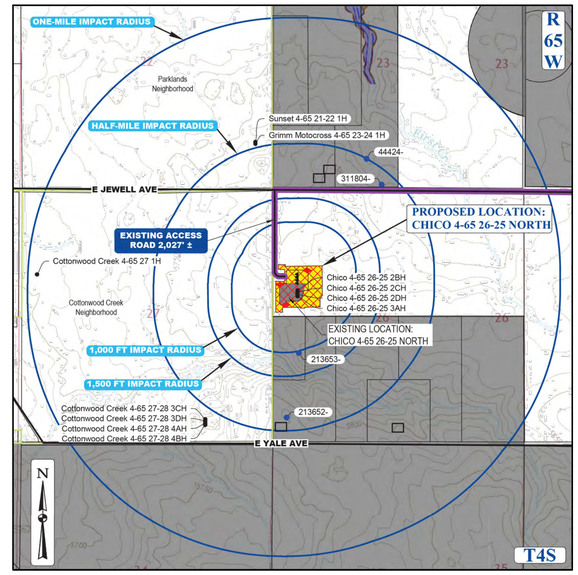

CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND
- DIVERSION DITCH
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- RIGHT-OF-WAY
- EX. EASEMENT CORRIDOR
- EX. BURIED PIPELINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- FLOW DIRECTION
- SIGHT TRIANGLE

LEGEND

◀	PROPOSED OIL AND GAS WELL SITE	———	EXISTING ROAD
☐	OCCUPIED STRUCTURE/RESIDENCE	- - -	PROPOSED ROAD
	MUNICIPAL BOUNDARY	———	HAUL ROUTE
	LIMITS OF SITE DISTURBANCE	———	PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	———	NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS		100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN

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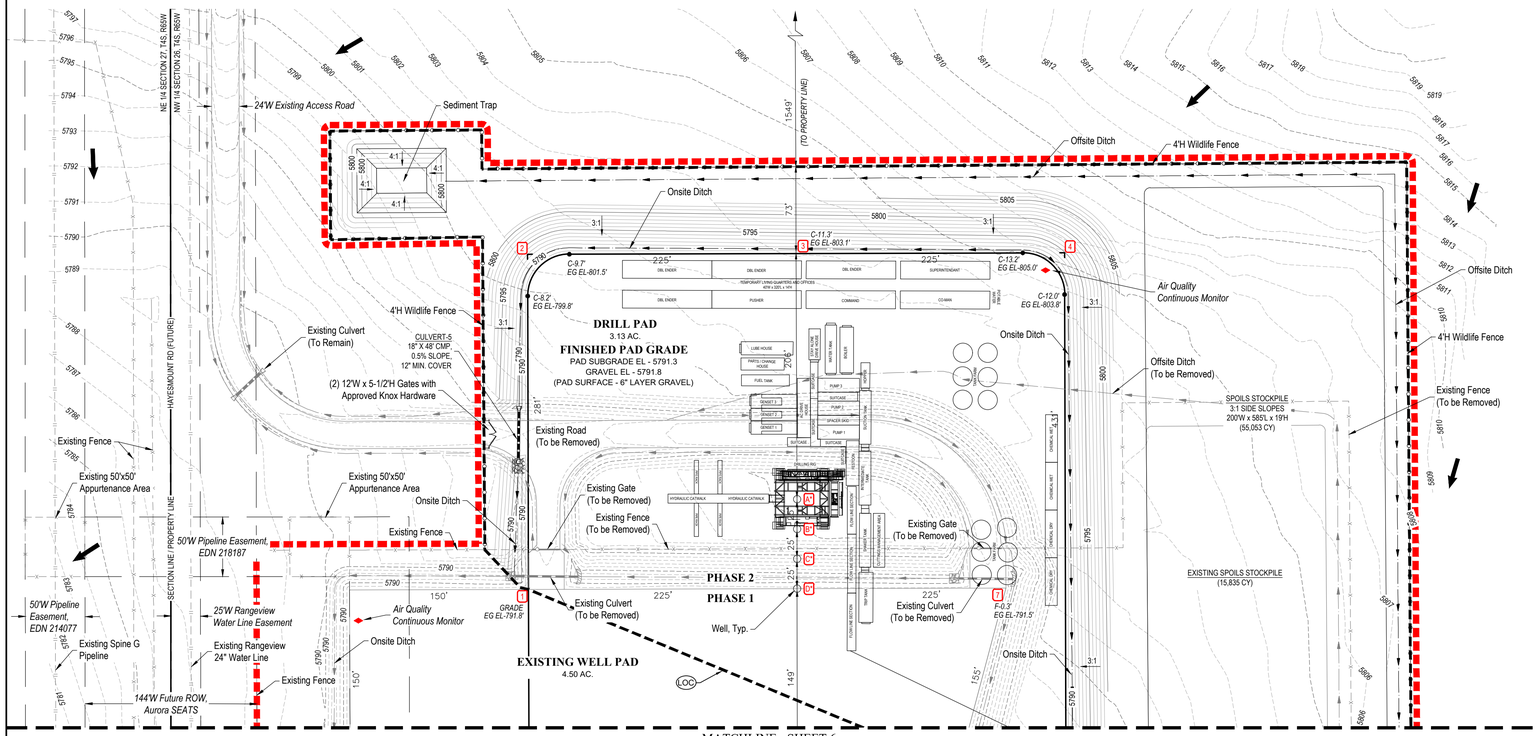

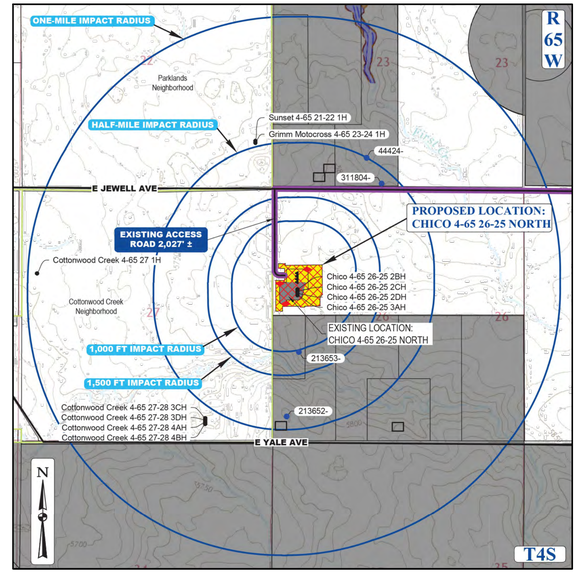

CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
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- EX. BURIED PIPELINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIP-RAP OUTLET PROTECTION
- SEDIMENT TRAP
- FLOW DIRECTION
- AIR QUALITY MONITORING SITE
- A1 GRIMM MOTOCROSS 4-65 23 1B2BUH
- B1 GRIMM MOTOCROSS 4-65 23 2A3AUH
- C1 GRIMM MOTOCROSS 4-65 23-24 3BH
- D1 GRIMM MOTOCROSS 4-65 23-24 4BH

Drilling Equipment
Representative Dimension Table

Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter (ft)
Drilling Rig	1	80	75	170	-
Flare	1	20	20	13	-
Flowline Section	3	50	10	11	-
Shaker Tank	1	48	10	11	-
Cuttings Management Area	1	48	10	11	-
Suction Tank	1	48	12	11	-
Intermediate Tank	1	48	12	11	-
Trip Tank	1	48	12	11	-
Hopper	1	24	12	11	-
Water Tank	1	45	10	11	-
Boiler	1	45	10	11	-
Festoon	1	25	10	11	-
Suitcase	6	35	10	11	-
Pump	3	35	12	11	-
Spacer Skid	1	35	8	11	-
Stay Alone Drive House	1	30	10	11	-
AC Drive House	1	55	12	11	-
Gen Set	3	45	12	11	-
Fuel Tank	1	45	10	11	-
Parts / Change House	1	40	10	11	-
Lube House	1	50	12	11	-
Chemical Dry	2	40	10	10	-
Chemical Wet	2	40	10	10	-
Temp Living Qtrs & Offices	1	320	40	14	-
Potable Water Tank	1	20	5	11	-
Tank Farm	2	-	-	32	16

STRUCTURAL BEST MANAGEMENT PRACTICES:

1. REINFORCED ROCK BERMS (RRB) AND (RRC) - REINFORCED ROCK BERMS (RRCS) SHALL BE UTILIZED IMMEDIATELY UPSTREAM OF THE CULVERTS. REINFORCED ROCK BERMS (RRBS) WILL ALSO BE PLACED INTERMITTENTLY ALONG THE FLOWLINE OF THE ROADSIDE DITCHES. THE RRBS WILL BE PLACED IN THE INTERIM PHASE WHILE THE RRCS WILL BE PLACED IN THE INITIAL AND INTERIM PHASES PER THE SWMP PLANS.
2. STABILIZED STAGING AREA (SSA) - THE STABILIZED STAGING AREA SHALL BE USED FOR EQUIPMENT STORAGE, PARKING, A LOADING/UNLOADING ZONE, PORTABLE TOILETS, CONSTRUCTION TRAILER, WASTE COLLECTION, AND MATERIAL STOCKPILE AND STORAGE. THE STABILIZED STAGING AREA WILL ESSENTIALLY BE THE PERIMETER OF THE PAD SITE LOCATION.
3. SEDIMENT BASIN (SB) - WHERE THE TRIBUTARY DISTURBED AREA IS GREATER THAN 1 ACRE, A SEDIMENT BASIN WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT WILL BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE BASIN WILL CONTAIN SILT FROM THE UPSTREAM CUT AND FILL SLOPES AROUND THE DRILL PAD SITE. PERIODIC MAINTENANCE OF THE POND MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT BASINS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
4. SEDIMENT TRAP (ST) - WHERE THE TRIBUTARY DISTURBED AREA IS LESS THAN 1 ACRE A SEDIMENT TRAP WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT MAY BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE TRAP WILL CONTAIN SILT FROM THE UPSTREAM FILL SLOPES AROUND THE PAD SITE. PERIODIC MAINTENANCE OF TRAPS MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT TRAPS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
5. DIVERSION DITCHES (DD) - UNLINED DIVERSION DITCHES WILL BE CONSTRUCTED AT THE TOE OF THE CUT AND FILL SLOPES ALONG THE BOUNDARIES OF THE PAD SITE. THESE DITCHES WILL CAPTURE SEDIMENT LADEN RUNOFF FROM THE SLOPES AND CHANNEL IT INTO SEDIMENT BASINS AND/OR TRAPS. IN THE FILL SLOPE APPLICATION, THE MATERIAL EXCAVATED FOR THE DITCH SHALL BE COMPACTED AND BERMED ON THE DOWNHILL SIDE FOR AN ADDITIONAL LAYER OF PROTECTION. DIVERSION DITCHES SHALL BE INSTALLED BEFORE GRADING WORK BEGINS ON THE FILL SLOPES AND AS SOON AS THE PAD SITE GRADING IS COMPLETE ON THE CUT SLOPES.
6. SEEDING AND MULCHING (SM) - CUT AND FILL SLOPES ADJACENT TO THE PAD SITE AND ACCESS ROAD SWALES SHALL BE STABILIZED WITH SM. IT SHALL BE APPLIED AFTER GRADING IS COMPLETE IN THE FINAL PHASE. IF THE SEEDING AND MULCHING APPLICATION DOES NOT PROVIDE ADEQUATE STABILIZATION FOR THE AREA WHERE SLOPES EXCEED 4:1, THEN MORE ROBUST BMP'S SHALL BE UTILIZED.
7. SEDIMENT CONTROL LOG (SCL) - 12" DIAMETER SEDIMENT CONTROL LOGS SHALL BE USED ON THE DOWNSTREAM PERIMETER OF THE SPOIL AND TOPSOIL STOCKPILES PER MANUFACTURER SPECIFICATIONS. SEDIMENT CONTROL LOGS SHALL BE INSTALLED IN THE INTERIM PHASE ONCE STOCKPILES HAVE BEEN CREATED.
8. VEHICLE TRACKING CONTROL (VTC) - IN LIEU OF A VTC, THE CONTRACTOR SHALL INSTALL AN ASPHALT APRON WHERE A PROPOSED ACCESS ROAD INTERSECTS A PAVED PUBLIC ROADWAY. IF THE PUBLIC ROADWAY IS GRAVEL, A VTC IS NOT NECESSARY. VTC OR ASPHALT APRON SHALL BE INSTALLED IN THE INITIAL PHASE BEFORE THE PAD SITE GRADING BEGINS.
9. RIPRAP - TYPE-M RIPRAP SHALL BE INSTALLED DOWNSTREAM OF ALL CULVERTS FOR A WIDTH OF 4 TIMES THE CULVERT DIAMETER AND A LENGTH OF 4 TIMES THE CULVERT DIAMETER. RIPRAP SHALL BE INSTALLED IN THE INTERIM PHASE, FOLLOWING CULVERT INSTALLATION.
10. EROSION CONTROL BLANKET (ECB) - STEEP SLOPES SHALL BE PROTECTED WITH STRAW COCONUT BLANKETS WHERE INDICATED ON THE SWMP PLAN OR WHERE SEEDING AND MULCHING APPLICATION IS NOT EFFECTIVE. BLANKET SHALL BE INSTALLED WITH SEEDING DURING THE FINAL PHASE.

ACCESS ROAD AND PAD CONSTRUCTION NOTE:

ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (85,000 LBS) UTILIZING THE CDOT ROAD-BASE #6 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 29' INSIDE TURNING RADIUS. WHILE CDOT #6 IS SPECIFIED, THE MATERIAL USED TO CONSTRUCT THESE SURFACES MAY BE OF ANY ONE OF, OR A COMBINATION OF SEVERAL AGGREGATE MATERIALS AVAILABLE. APPROVED MATERIALS INCLUDE PREMIXED ROAD BASE MATERIAL. 1-1.5 ANGULAR INCH RIVER ROCK, CRUSHED GRANITE OR OTHER AGGREGATE WITH NOT LESS THAN ONE-INCH NOMINAL SIZE DESIGNATION AND CDOT ROAD BASE CLASS 6. A SOLID SURFACE (CONCRETE OR ASPHALT) WILL BE ADDED FOR THE FIRST 100 FEET FROM A PAVED PUBLIC R.O.W. THE MAINTENANCE OF THE ROAD WILL BE IN GOOD REPAIR AT ALL TIMES, CLEAR OF ANY STRUCTURES OR OBSTRUCTIONS, AND AN ALL WEATHER SURFACE ALLOWING FOR AN UNOBSTRUCTED PATH FOR EMERGENCY APPARATUS USE.

LIGHTING:

1. LIGHTING SHALL BE DIRECTED DOWNWARD AND WILL NOT SHINE BEYOND THE BOUNDARIES OF THE WELL SITE.

GENERAL CONSTRUCTION NOTES:

1. THE SITE PLAN, EQUIPMENT AND INFORMATION SHOWN HEREIN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE USED FOR CONSTRUCTION. ENGINEERED SWMP DRAWINGS RELATIVE TO THIS SITE WILL BE SUBMITTED AND APPROVED FOLLOWING APPLICABLE CITY OF AURORA STANDARDS AND PROCEDURES.
2. THE DIMENSIONS AND LAYOUT DEPICTED IN THE SITE PLAN SHOWN ARE OF A RIG LAYOUT FOR A TYPICAL WELL SITE. ACTUAL DIMENSIONS AND LAYOUT MAY CHANGE BASED ON THE VARIABILITY OF THE EQUIPMENT.
3. ESTIMATED SITE ACTIVITY SCHEDULE:
   - DRILLING - 10-20 DAYS (PER WELL HEAD), 24 HOURS/DAY
   - HYDRAULIC FRACTURING - 10 DAYS (PER WELL HEAD), 24 HOURS/DAY
   - PRODUCTION - 20+ YEARS
4. THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
5. A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
6. WHEN THE DRILLING FOR THE WELL IS COMPLETE, THE RIG AND ASSOCIATED SUPPORT EQUIPMENT WILL BE REMOVED. VEHICLE TRAFFIC TO AND FROM THE SITE OVER THAT PERIOD OF TIME WILL BE PRIMARILY PASSENGER AND LIGHT TRUCK TRAFFIC, WITH AN OCCASIONAL MAINTENANCE VEHICLE. THE SITE WILL CONTINUE TO BE MAINTAINED UNTIL FINAL ABANDONMENT. WITH WEED AND SNOW REMOVAL, AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
7. CRESTONE PEAK RESOURCES OPERATING LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 8 CCR 1302-14 REGARDING PLACARDING AND CERTIFICATION OF NON-RESIDENTIAL MODULAR OF FACTORY-BUILT STRUCTURES.
8. AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

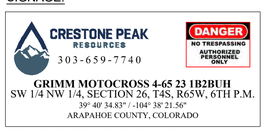
BEST MANAGEMENT PRACTICES:

1. CRESTONE PEAK RESOURCES OPERATING LLC IS CURRENTLY EVALUATING AVAILABLE WATER SOURCES FOR THE PROPOSED DRILLING AND COMPLETION OPERATIONS. WHEN FEASIBLE, FRESH WATER WILL BE DELIVERED TO THE SITE VIA TEMPORARY ABOVE GROUND WATER LINES. THE ROUTE OF THE TEMPORARY WATER LINE IS DETERMINED PRIOR TO THE START OF DRILLING OPERATIONS AND IS CONTINGENT ON THE WATER PROVIDER'S ABILITY TO SECURE ALL NECESSARY RIGHT-OF-WAY RIGHTS AND PERMITS. IF A TEMPORARY WATER LINE CANNOT BE UTILIZED, WATER WILL BE DELIVERED TO THE SITE VIA TANKER TRUCK.

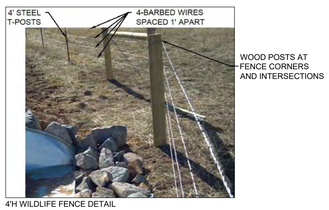
WATER AND SEWER PUMP SPECIFICATIONS:

1. WATER PUMP
   - TYPE - GRUNDFOS CENTRIFUGAL
   - CAPACITY - 22 GPM MAX.
   - FEED DISCHARGE CONNECTION - 3/4" CAMLOCKS
   - ELEVATED - NOT ELEVATED, ON A SKID ON THE GROUND
2. SEWER PUMP
   - TYPE - ZOELLER SUBMERSIBLE
   - CAPACITY - 43 GPM MAX.
   - FEED DISCHARGE CONNECTION - 1-1/2" CAMLOCKS
   - ELEVATED - NOT ELEVATED, ON A SKID ON THE GROUND

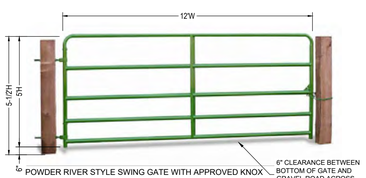
SIGNAGE:



ENTRY SIGN TO BE PLACED AT WELL ACCESS ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1.5' X 2'

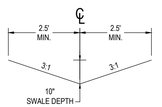


4'H WILDLIFE FENCE DETAIL

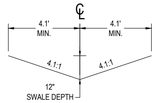


POWDER RIVER STYLE SWING GATE WITH APPROVED KNOX HARDWARE MOUNTED ON THE INGRESS SIDE OF THE GATE.

6" CLEARANCE BETWEEN BOTTOM OF GATE AND GRAVEL ROAD ACROSS FULL WIDTH OF GATE

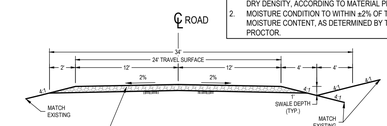


TYPICAL DIVERSION DITCH
CROSS SECTION
(PRIVATE)
N.T.S.



TYPICAL OFFSITE
DIVISION DITCH
CROSS SECTION
(PRIVATE)
N.T.S.

COMPACTION SPECIFICATIONS:
1. COMPACT SUBGRADE AND SUBFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR.
2. MOISTURE CONDITION TO WITHIN ±2% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR.



6" CDOT CLASS 6 ROADBASE CAPABLE OF SUPPORTING 85,000 LBS OF IMPOSED VEHICULAR WEIGHT

TYPICAL 24'W ACCESS ROAD
CROSS SECTION
(PRIVATE)
N.T.S.

DISCLAIMER:

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N
60' 30' 0'
1" = 60'
SCALE

SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.8'((NAVD 88)
*DO NOT USE FOR PAD LOCATION.

CALL 811
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1-800-922-1987
UNCC UTILITY NOTIFICATION CENTER OF COLORADO

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ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL
ENGINEERING AND
LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVI	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

DRILLING OPERATIONS SITE PLAN

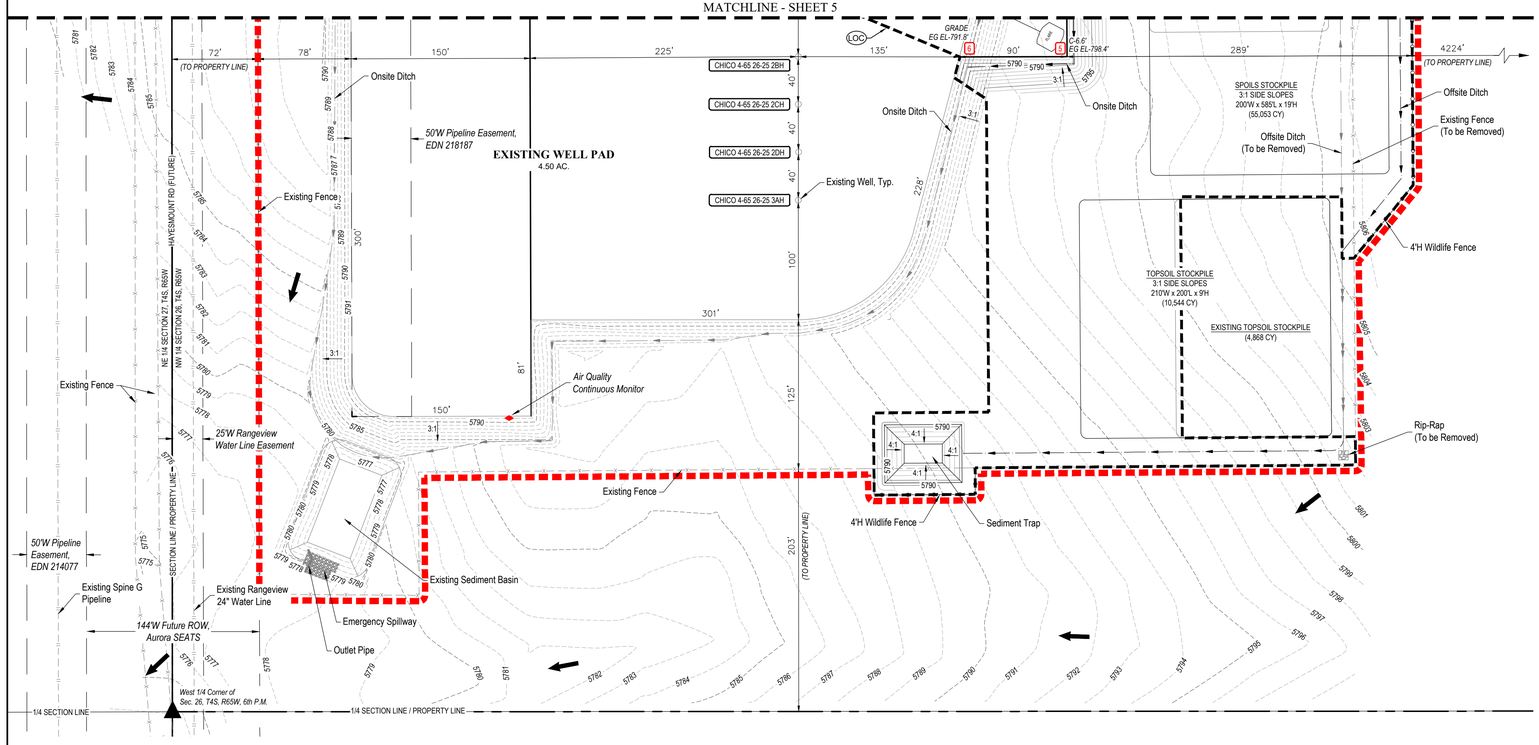
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRES1-21-0006
UELS FILE NO.:
C - 7 3 1 4

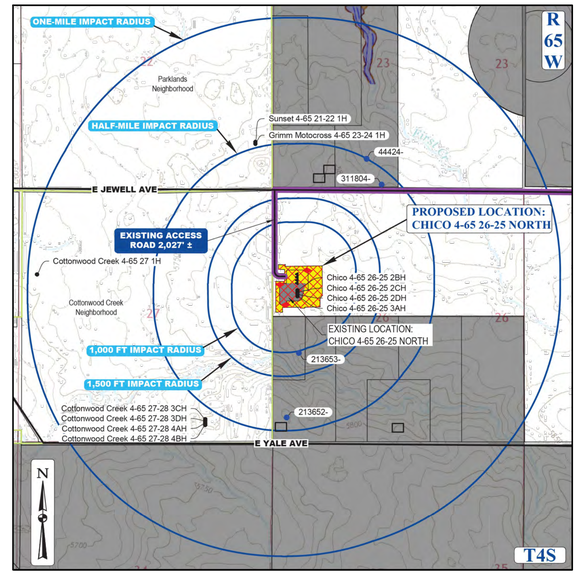
SHEET
5

E:\FILE: E:\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH SITE PLAN.dwg CCAMLSON 11/25/2024 8:53 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO





CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

- WELL PAD CORNER STAKE
- F-0.7' / EL-17.0': DESIGN "C" CUT OR "F" FILL TO FINISHED GRADE / EXISTING GROUND ELEV. AT CORNER STAKE (TRUNCATED LESS 5,500 FEET)
- DIVERSION DITCH
- LIMITS OF CONSTRUCTION
- OIL & GAS LOCATION
- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- r/w: RIGHT-OF-WAY
- EX. EASEMENT CORRIDOR
- EX. BURIED PIPELINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIP-RAP OUTLET PROTECTION
- SEDIMENT TRAP
- FLOW DIRECTION
- AIR QUALITY MONITORING SITE

LEGEND

◀	PROPOSED OIL AND GAS WELL SITE		EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE		PROPOSED ROAD
	MUNICIPAL BOUNDARY		HAUL ROUTE
	LIMITS OF SITE DISTURBANCE		PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024		NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS		100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN

Drilling Equipment Representative Dimension Table

Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter (ft)
Drilling Rig	1	80	75	170	-
Flare	1	20	20	13	-
Flowline Section	3	50	10	11	-
Shaker Tank	1	48	10	11	-
Cuttings Management Area	1	48	10	11	-
Suction Tank	1	48	12	11	-
Intermediate Tank	1	48	12	11	-
Trip Tank	1	48	12	11	-
Hopper	1	24	12	11	-
Water Tank	1	45	10	11	-
Boiler	1	45	10	11	-
Festoon	1	25	10	11	-
Suitcase	6	35	10	11	-
Pump	3	35	12	11	-
Spacer Skid	1	35	8	11	-
Stay Alone Drive House	1	30	10	11	-
AC Drive House	1	55	12	11	-
Gen Set	3	45	12	11	-
Fuel Tank	1	45	10	11	-
Parts / Change House	1	40	10	11	-
Lube House	1	50	12	11	-
Chemical Dry	2	40	10	10	-
Chemical Wet	2	40	10	10	-
Temp Living Qtrs & Offices	1	320	40	14	-
Potable Water Tank	1	20	5	11	-
Tank Farm	2	-	-	32	16

STRUCTURAL BEST MANAGEMENT PRACTICES:

1. REINFORCED ROCK BERMS (RRB) AND (RRC) - REINFORCED ROCK BERMS (RRCS) SHALL BE UTILIZED IMMEDIATELY UPSTREAM OF THE CULVERTS. REINFORCED ROCK BERMS (RRBS) WILL ALSO BE PLACED INTERMITTENTLY ALONG THE FLOWLINE OF THE ROADSIDE DITCHES. THE RRBS WILL BE PLACED IN THE INTERIM PHASE WHILE THE RRCS WILL BE PLACED IN THE INITIAL AND INTERIM PHASES PER THE SWMP PLANS.
2. STABILIZED STAGING AREA (SSA) - THE STABILIZED STAGING AREA SHALL BE USED FOR EQUIPMENT STORAGE, PARKING, A LOADING/UNLOADING ZONE, PORTABLE TOILETS, CONSTRUCTION TRAILER, WASTE COLLECTION, AND MATERIAL STOCKPILE AND STORAGE. THE STABILIZED STAGING AREA WILL ESSENTIALLY BE THE PERIMETER OF THE PAD SITE LOCATION.
3. SEDIMENT BASIN (SB) - WHERE THE TRIBUTARY DISTURBED AREA IS GREATER THAN 1 ACRE, A SEDIMENT BASIN WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT WILL BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE BASIN WILL CONTAIN SILT FROM THE UPSTREAM CUT AND FILL SLOPES AROUND THE DRILL PAD SITE. PERIODIC MAINTENANCE OF THE POND MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT BASINS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
4. SEDIMENT TRAP (ST) - WHERE THE TRIBUTARY DISTURBED AREA IS LESS THAN 1 ACRE A SEDIMENT TRAP WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT MAY BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE TRAP WILL CONTAIN SILT FROM THE UPSTREAM FILL SLOPES AROUND THE PAD SITE. PERIODIC MAINTENANCE OF TRAPS MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT TRAPS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
5. DIVERSION DITCHES (DD) - UNLINED DIVERSION DITCHES WILL BE CONSTRUCTED AT THE TOE OF THE CUT AND FILL SLOPES ALONG THE BOUNDARIES OF THE PAD SITE. THESE DITCHES WILL CAPTURE SEDIMENT LADEN RUNOFF FROM THE SLOPES AND CHANNEL IT INTO SEDIMENT BASINS AND/OR TRAPS. IN THE FILL SLOPE APPLICATION, THE MATERIAL EXCAVATED FOR THE DITCH SHALL BE COMPACTED AND BERMED ON THE DOWNHILL SIDE FOR AN ADDITIONAL LAYER OF PROTECTION. DIVERSION DITCHES SHALL BE INSTALLED BEFORE GRADING WORK BEGINS ON THE FILL SLOPES AND AS SOON AS THE PAD SITE GRADING IS COMPLETE ON THE CUT SLOPES.
6. SEEDING AND MULCHING (SM) - CUT AND FILL SLOPES ADJACENT TO THE PAD SITE AND ACCESS ROAD SWALES SHALL BE STABILIZED WITH SM. IT SHALL BE APPLIED AFTER GRADING IS COMPLETE IN THE FINAL PHASE. IF THE SEEDING AND MULCHING APPLICATION DOES NOT PROVIDE ADEQUATE STABILIZATION FOR THE AREA WHERE SLOPES EXCEED 4:1, THEN MORE ROBUST BMP'S SHALL BE UTILIZED.
7. SEDIMENT CONTROL LOG (SCL) - 12" DIAMETER SEDIMENT CONTROL LOGS SHALL BE USED ON THE DOWNSTREAM PERIMETER OF THE SPOIL AND TOPSOIL STOCKPILES PER MANUFACTURER SPECIFICATIONS. SEDIMENT CONTROL LOGS SHALL BE INSTALLED IN THE INTERIM PHASE ONCE STOCKPILES HAVE BEEN CREATED.
8. VEHICLE TRACKING CONTROL (VTC) - IN LIEU OF A VTC, THE CONTRACTOR SHALL INSTALL AN ASPHALT APRON WHERE A PROPOSED ACCESS ROAD INTERSECTS A PAVED PUBLIC ROADWAY. IF THE PUBLIC ROADWAY IS GRAVEL, A VTC IS NOT NECESSARY. VTC OR ASPHALT APRON SHALL BE INSTALLED IN THE INITIAL PHASE BEFORE THE PAD SITE GRADING BEGINS.
9. RIPRAP - TYPE-M RIPRAP SHALL BE INSTALLED DOWNSTREAM OF ALL CULVERTS FOR A WIDTH OF 4 TIMES THE CULVERT DIAMETER AND A LENGTH OF 4 TIMES THE CULVERT DIAMETER. RIPRAP SHALL BE INSTALLED IN THE INTERIM PHASE, FOLLOWING CULVERT INSTALLATION.
10. EROSION CONTROL BLANKET (ECB) - STEEP SLOPES SHALL BE PROTECTED WITH STRAW COCONUT BLANKETS WHERE INDICATED ON THE SWMP PLAN OR WHERE SEEDING AND MULCHING APPLICATION IS NOT EFFECTIVE. BLANKET SHALL BE INSTALLED WITH SEEDING DURING THE FINAL PHASE.

ACCESS ROAD AND PAD CONSTRUCTION NOTE:

ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (85,000 LBS) UTILIZING THE CDOT ROAD-BASE #6 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 29' INSIDE TURNING RADIUS. WHILE CDOT #6 IS SPECIFIED, THE MATERIAL USED TO CONSTRUCT THESE SURFACES MAY BE OF ANY ONE OF, OR A COMBINATION OF SEVERAL AGGREGATE MATERIALS AVAILABLE. APPROVED MATERIALS INCLUDE PREMIXED ROAD BASE MATERIAL 1-1.5 ANGULAR INCH RIVER ROCK, CRUSHED GRANITE OR OTHER AGGREGATE WITH NOT LESS THAN ONE-INCH NOMINAL SIZE DESIGNATION AND CDOT ROAD BASE CLASS 6. A SOLID SURFACE (CONCRETE OR ASPHALT) WILL BE ADDED FOR THE FIRST 100 FEET FROM A PAVED PUBLIC R.O.W. THE MAINTENANCE OF THE ROAD WILL BE IN GOOD REPAIR AT ALL TIMES, CLEAR OF ANY STRUCTURES OR OBSTRUCTIONS, AND AN ALL WEATHER SURFACE ALLOWING FOR AN UNOBSTRUCTED PATH FOR EMERGENCY APPARATUS USE.

LIGHTING:

1. LIGHTING SHALL BE DIRECTED DOWNWARD AND WILL NOT SHINE BEYOND THE BOUNDARIES OF THE WELL SITE.

GENERAL CONSTRUCTION NOTES:

1. THE SITE PLAN, EQUIPMENT AND INFORMATION SHOWN HEREIN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE USED FOR CONSTRUCTION. ENGINEERED SWMP DRAWINGS RELATIVE TO THIS SITE WILL BE SUBMITTED AND APPROVED FOLLOWING APPLICABLE CITY OF AURORA STANDARDS AND PROCEDURES.
2. THE DIMENSIONS AND LAYOUT DEPICTED IN THE SITE PLAN SHOWN ARE OF A RIG LAYOUT FOR A TYPICAL WELL SITE. ACTUAL DIMENSIONS AND LAYOUT MAY CHANGE BASED ON THE VARIABILITY OF THE EQUIPMENT.
3. ESTIMATED SITE ACTIVITY SCHEDULE:
   - DRILLING - 10-20 DAYS (PER WELL HEAD), 24 HOURS/DAY
   - HYDRAULIC FRACTURING - 10 DAYS (PER WELL HEAD), 24 HOURS/DAY
   - PRODUCTION - 20+ YEARS
4. THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
5. A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
6. WHEN THE DRILLING FOR THE WELL IS COMPLETE, THE RIG AND ASSOCIATED SUPPORT EQUIPMENT WILL BE REMOVED. VEHICLE TRAFFIC TO AND FROM THE SITE OVER THAT PERIOD OF TIME WILL BE PRIMARILY PASSENGER AND LIGHT TRUCK TRAFFIC, WITH AN OCCASIONAL MAINTENANCE VEHICLE. THE SITE WILL CONTINUE TO BE MAINTAINED UNTIL FINAL ABANDONMENT, WITH WEED AND SNOW REMOVAL, AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
7. CRESTONE PEAK RESOURCES OPERATING LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 8 CCR 1302-14 REGARDING PLACARDING AND CERTIFICATION OF NON-RESIDENTIAL MODULAR OF FACTORY-BUILT STRUCTURES.
8. AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

BEST MANAGEMENT PRACTICES:

1. CRESTONE PEAK RESOURCES OPERATING LLC IS CURRENTLY EVALUATING AVAILABLE WATER SOURCES FOR THE PROPOSED DRILLING AND COMPLETION OPERATIONS. WHEN FEASIBLE, FRESH WATER WILL BE DELIVERED TO THE SITE VIA TEMPORARY ABOVE GROUND WATER LINES. THE ROUTE OF THE TEMPORARY WATER LINE IS DETERMINED PRIOR TO THE START OF DRILLING OPERATIONS AND IS CONTINGENT ON THE WATER PROVIDER'S ABILITY TO SECURE ALL NECESSARY RIGHT-OF-WAY RIGHTS AND PERMITS. IF A TEMPORARY WATER LINE CANNOT BE UTILIZED, WATER WILL BE DELIVERED TO THE SITE VIA TANKER TRUCK.

WATER AND SEWER PUMP SPECIFICATIONS:

1. WATER PUMP
   - TYPE - GRUNDFOS CENTRIFUGAL
   - CAPACITY - 22 GPM MAX.
   - FEED DISCHARGE CONNECTION - 3/4" CAMLOCKS
   - ELEVATED - NOT ELEVATED, ON A SKID ON THE GROUND
2. SEWER PUMP
   - TYPE - ZOELLER SUBMERSIBLE
   - CAPACITY - 43 GPM MAX.
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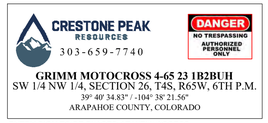

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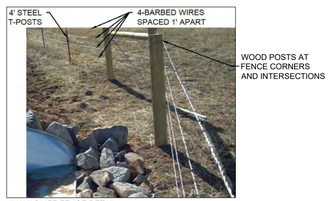

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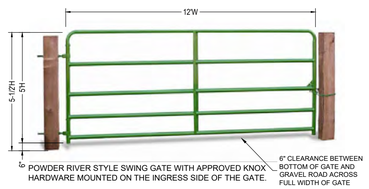

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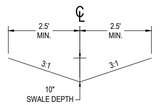
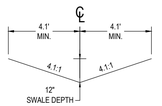


TYPICAL DIVERSION DITCH CROSS SECTION (PRIVATE)
N.T.S.



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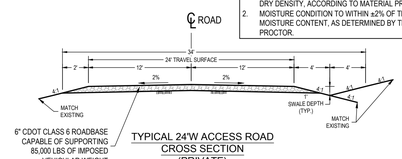

TYPICAL 24'W ACCESS ROAD CROSS SECTION (PRIVATE)
N.T.S.

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SURVEY BENCHMARK

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LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

N
60' 30' 0'
1" = 60'
SCALE

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- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS			
REV	DATE	BY	

RESPONSIBLE ENGINEER:

DRILLING OPERATIONS SITE PLAN

SCALE:	AS NOTED
DRAWN BY:	C.D.C.
DATE DRAWN:	11-14-2024
PROJ. NO:	CRE03-21-0006
UELS FILE NO.:	C - 7 3 1 4
SHEET	6

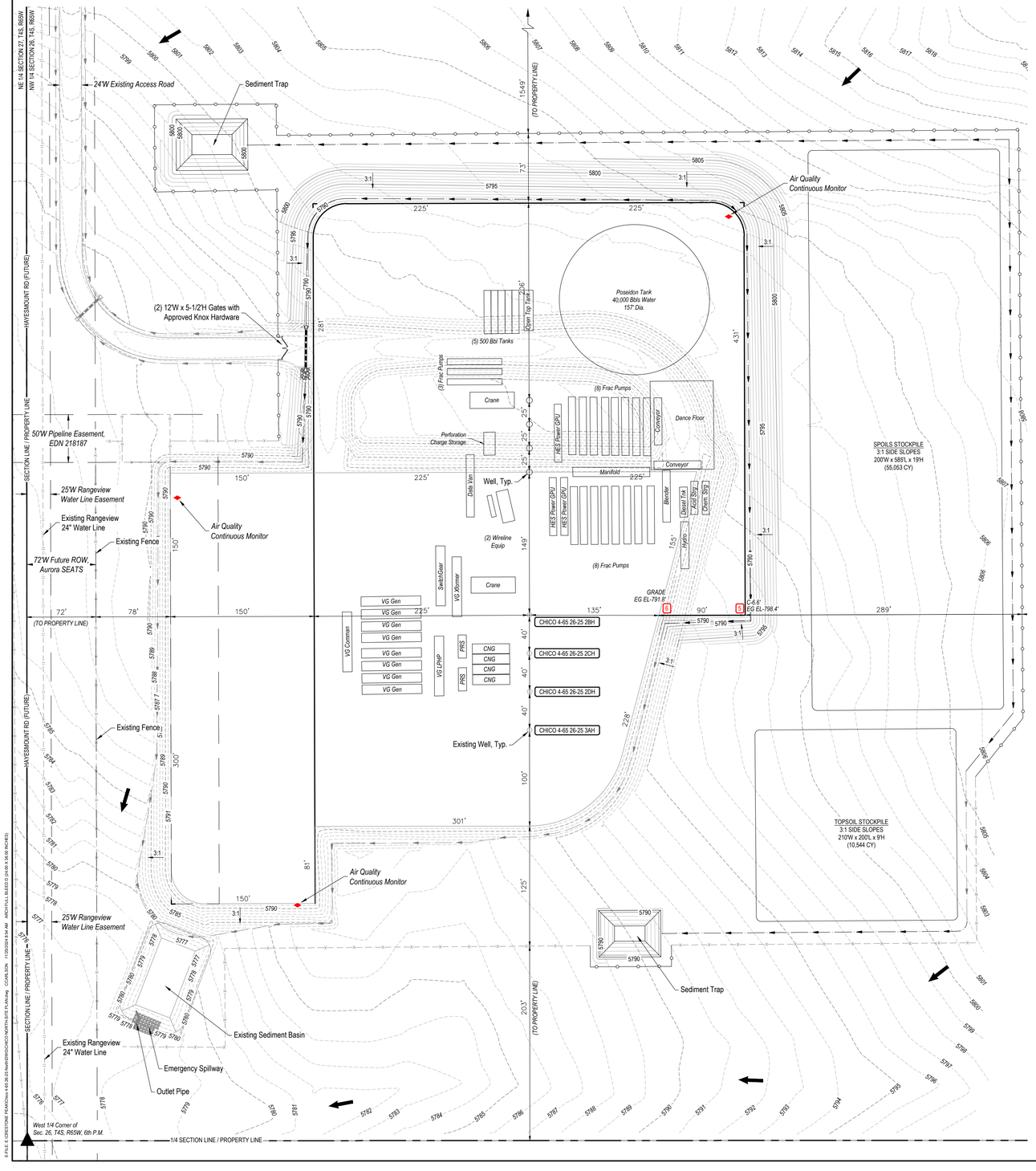
CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987
UNCC
UTILITY NOTIFICATION CENTER OF COLORADO

E:\FILE E-CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH-SITE PLAN.dwg, C3A4LSON, 11/25/2024 8:54 AM, ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN

29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO



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2. THE DIMENSIONS AND LAYOUT DEPICTED IN THE SITE PLAN SHOWN ARE OF A RIG LAYOUT FOR A TYPICAL WELL SITE. ACTUAL DIMENSIONS AND LAYOUT MAY CHANGE BASED ON THE VARIABILITY OF THE EQUIPMENT.
3. ESTIMATED SITE ACTIVITY SCHEDULE:
   DRILLING - 10-20 DAYS (PER WELL HEAD), 24 HOURS/DAY
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4. THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
5. A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
6. WHEN THE DRILLING FOR THE WELL IS COMPLETE, THE RIG AND ASSOCIATED SUPPORT EQUIPMENT WILL BE REMOVED. VEHICLE TRAFFIC TO AND FROM THE SITE OVER THAT PERIOD OF TIME WILL BE PRIMARILY PASSENGER AND LIGHT TRUCK TRAFFIC, WITH AN OCCASIONAL MAINTENANCE VEHICLE. THE SITE WILL CONTINUE TO BE MAINTAINED UNTIL FINAL ABANDONMENT, WITH WEED AND SNOW REMOVAL, AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
7. CRESTONE PEAK RESOURCES OPERATING LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 8 CCR 1302-14 REGARDING PLACARDING AND CERTIFICATION OF NON-RESIDENTIAL MODULAR OF FACTORY-BUILT STRUCTURES.
8. AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

BEST MANAGEMENT PRACTICES:

1. CRESTONE PEAK RESOURCES OPERATING LLC IS CURRENTLY EVALUATING AVAILABLE WATER SOURCES FOR THE PROPOSED DRILLING AND COMPLETION OPERATIONS. WHEN FEASIBLE, FRESH WATER WILL BE DELIVERED TO THE SITE VIA TEMPORARY ABOVE GROUND WATER LINES. THE ROUTE OF THE TEMPORARY WATER LINE IS DETERMINED PRIOR TO THE START OF DRILLING OPERATIONS AND IS CONTINGENT ON THE WATER PROVIDER'S ABILITY TO SECURE ALL NECESSARY RIGHT-OF-WAY RIGHTS AND PERMITS. IF A TEMPORARY WATER LINE CANNOT BE UTILIZED, WATER WILL BE DELIVERED TO THE SITE VIA TANKER TRUCK.

STRUCTURAL BEST MANAGEMENT PRACTICES:

1. REINFORCED ROCK BERMS (RRB) AND (RRC) - REINFORCED ROCK BERMS (RRCS) SHALL BE UTILIZED IMMEDIATELY UPSTREAM OF THE CULVERTS. REINFORCED ROCK BERMS (RRBS) WILL ALSO BE PLACED INTERMITTENTLY ALONG THE FLOWLINE OF THE ROADSIDE DITCHES. THE RRBS WILL BE PLACED IN THE INTERIM PHASE WHILE THE RRCS WILL BE PLACED IN THE INITIAL AND INTERIM PHASES PER THE SWMP PLANS.
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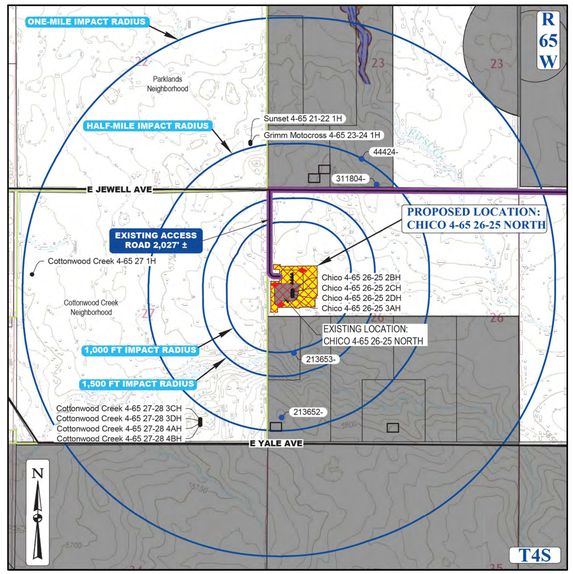

CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

LEGEND

DIVERSION DITCH
LIMITS OF CONSTRUCTION
PROPERTY LINE
PROPOSED WILDLIFE FENCE
EXISTING FENCE
RIGHT-OF-WAY
EX. EASEMENT CORRIDOR
EX. BURIED PIPELINE
EXISTING MAJOR CONTOUR
EXISTING MINOR CONTOUR
PROPOSED MAJOR CONTOUR
PROPOSED MINOR CONTOUR
RIP-RAP OUTLET PROTECTION
SEDIMENT TRAP
FLOW DIRECTION
AIR QUALITY MONITORING SITE

Completions Equipment Table

ITEM	QTY
500 BBL TANKS	5
FRAC PUMPS	19
HES POWER GPU	3
CONVEYOR	2
40K Bbls POSEIDON TANK	1
DIESEL TANK	1
OPEN TOP TANK	1
BLENDER	1
DATA VAN	1
DANCE FLOOR	1
WIRELINE EQUIPMENT	2
CRANE	2
HYDRO	1
CHEMICAL STORAGE	1
ACID STORAGE	1
PERFORATION CHARGE STORAGE	1
MANIFOLD	1
VG GEN (VoltaGrid Generator)	8
VG LPHP (VoltaGrid Low Press. High Press. Trfr.)	1
PRS (Pressure Reduction System)	2
VG COMMAN	1
CNG (Compressed Natural Gas)	4
SWITCHGEAR	1
VG XFORMER	1

DISCLAIMER:

1. THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.
2. PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY UINTAH ENGINEERING & LAND SURVEYING.

NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.

N

60' 30' 0'

1" = 60'

SCALE

SURVEY BENCHMARK

COA ID: 4S652BNW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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UINTAH
ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

CHICO 4-65 26-26 NORTH

SITE PLAN

CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

NO.	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

COMPLETION OPERATIONS SITE PLAN

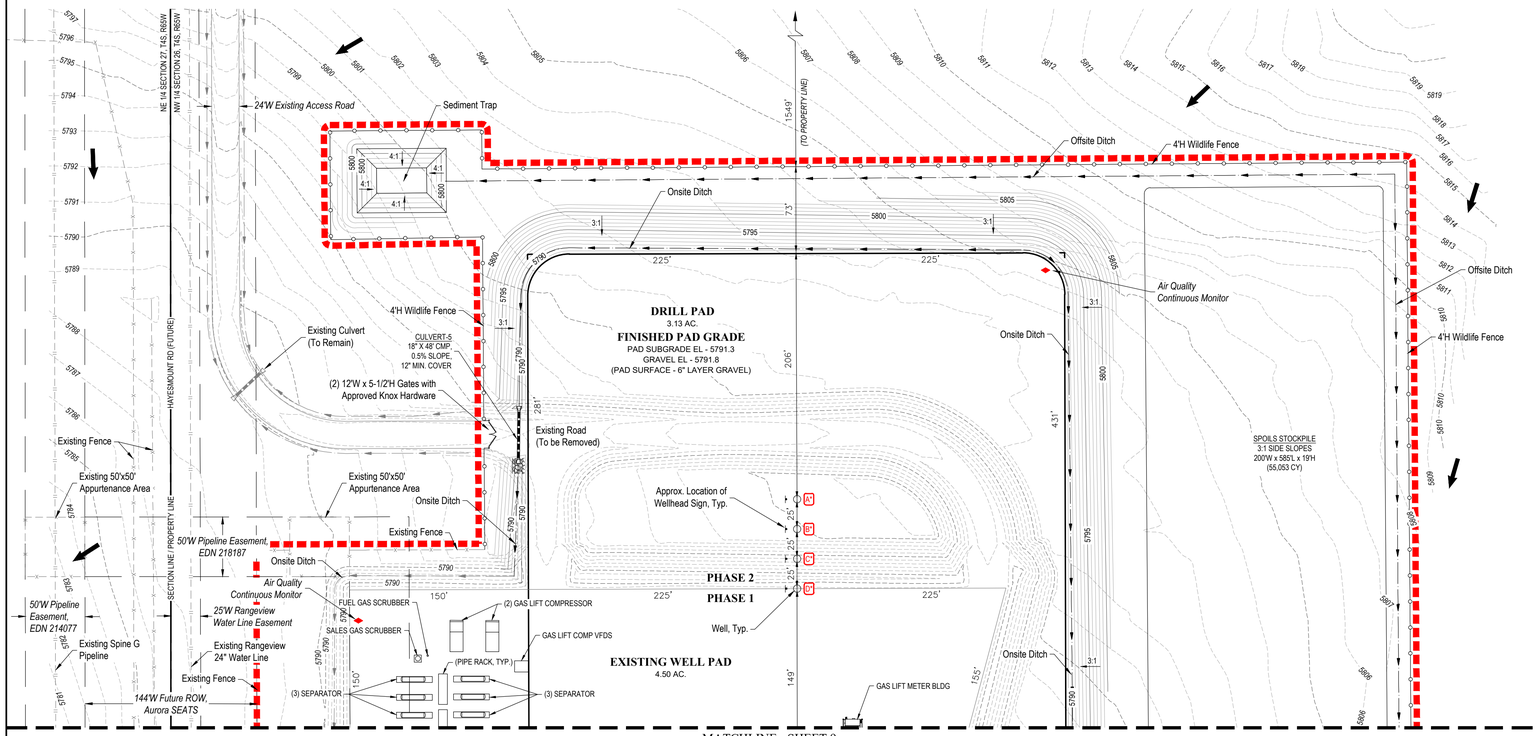
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
7

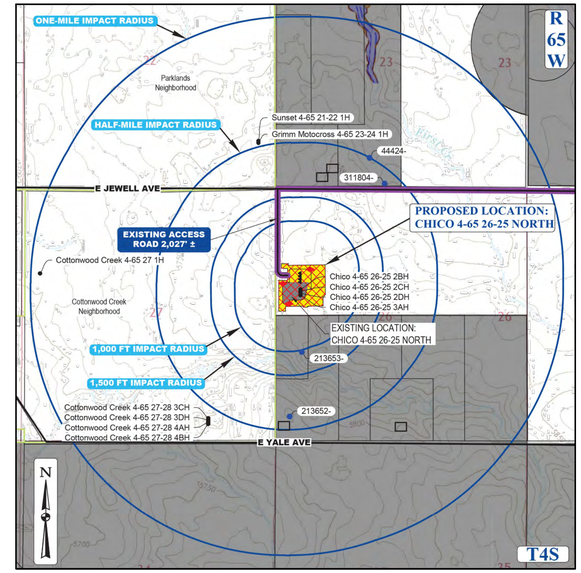
E:\FILE E CRESTONE PEAK\Chico 4-65 26-25 North\SWD\CHICO NORTH SITE PLAN.dwg CDAILSON 11/20/2024 8:39 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO



MATCHLINE - SHEET 9



CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

- DIVERSION DITCH
- LIMITS OF CONSTRUCTION
- OIL & GAS LOCATION
- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- RIGHT-OF-WAY
- EX. EASEMENT CORRIDOR
- EX. BURIED PIPELINE
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- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIP-RAP OUTLET PROTECTION
- SEDIMENT TRAP
- FLOW DIRECTION
- AIR QUALITY MONITORING SITE
- A1 GRIMM MOTOCROSS 4-65 23 1B2BUH
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◆	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN

Production Equipment Representative Dimension Table

Equipment	Quantity	Length (ft/in)	Width (ft/in)	Height (ft/in)
Separator	8	35	8	18
Bulk Treater	2	35	8	18
Gas Lift Compressor	2	39	29	21
Gas Lift Compressor VFDS	1	12	10	10
Gas Lift Meter Bldg	1	16	7	9
HP Knockout	1	9	4	10
LP Knockout	1	9	4	10
Instrument Air Skid	1	22	10	12
Electrical Rack	1	25	4	6
VRU	8	15	7	8
VRT	1	4	4	37
500 bbl Low-Profile Oil Tank	4	16	16	16
500 bbl Low-Profile Water Tank	2	16	16	16
Recycle Pump	1	3	2	5
LACT	2	18	11	11
Sales Gas Scrubber	1	4	4	10
Pipe Rack	6	25	7	6
Fuel Gas Scrubber	1	7	7	10
Blowers	2	6	2	5
Flash Gas Scrubber	1	7	6	10
LP Gas Scrubber	1	7	6	10
Maintenance Vessel	1	23	6	12
ECD	2	10	10	25
Crank Case Pump	1	1	1	2
Crank Case Knock Out	1	1	2	3

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7. CRESTONE PEAK RESOURCES OPERATING LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 8 CCR 1302-14 REGARDING PLACARDING AND CERTIFICATION OF NON-RESIDENTIAL MODULAR OF FACTORY-BUILT STRUCTURES.
8. AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

BEST MANAGEMENT PRACTICES:

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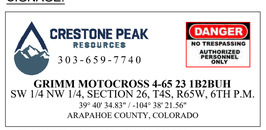
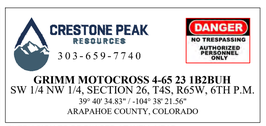
SIGNAGE:

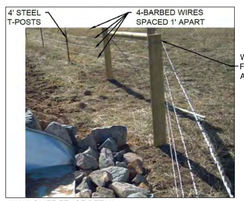


ENTRY SIGN TO BE PLACED AT WELL ACCESS ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1.5' X 2'

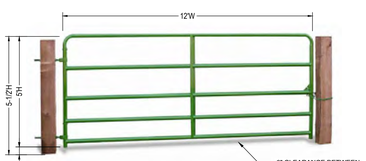


ENTRY SIGN TO BE PLACED AT WELL HEAD
SIZE: 2' X 3'

ENTRY SIGN TO BE PLACED AT TANK BATTERY
SIZE: 3' X 3'

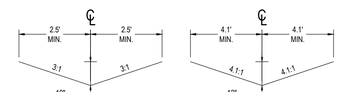


4'H WILDLIFE FENCE DETAIL



POWDER RIVER STYLE SWING GATE WITH APPROVED KNOX HARDWARE MOUNTED ON THE INGRESS SIDE OF THE GATE.

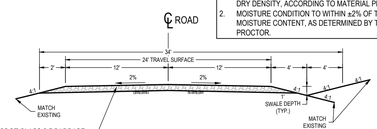
6" CLEARANCE BETWEEN BOTTOM OF GATE AND GRAVEL ROAD ACROSS FULL WIDTH OF GATE



TYPICAL DIVERSION DITCH CROSS SECTION (PRIVATE)
N.T.S.

TYPICAL OFFSITE DIVERSION DITCH CROSS SECTION (PRIVATE)
N.T.S.

COMPACTION SPECIFICATIONS:
1. COMPACT SUBGRADE AND SUBFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR.
2. MOISTURE CONDITION TO WITHIN ±2% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR.



6" CDOT CLASS 6 ROADBASE CAPABLE OF SUPPORTING 85,000 LBS OF IMPOSED VEHICULAR WEIGHT

TYPICAL 24'W ACCESS ROAD CROSS SECTION (PRIVATE)
N.T.S.

DISCLAIMER:

1. THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.
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NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.

N
60' 30' 0'
1" = 60'
SCALE

SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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O: 435.789.1017
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- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS			
NO.	DATE	BY	

RESPONSIBLE ENGINEER:

PRODUCTION OPERATIONS SITE PLAN

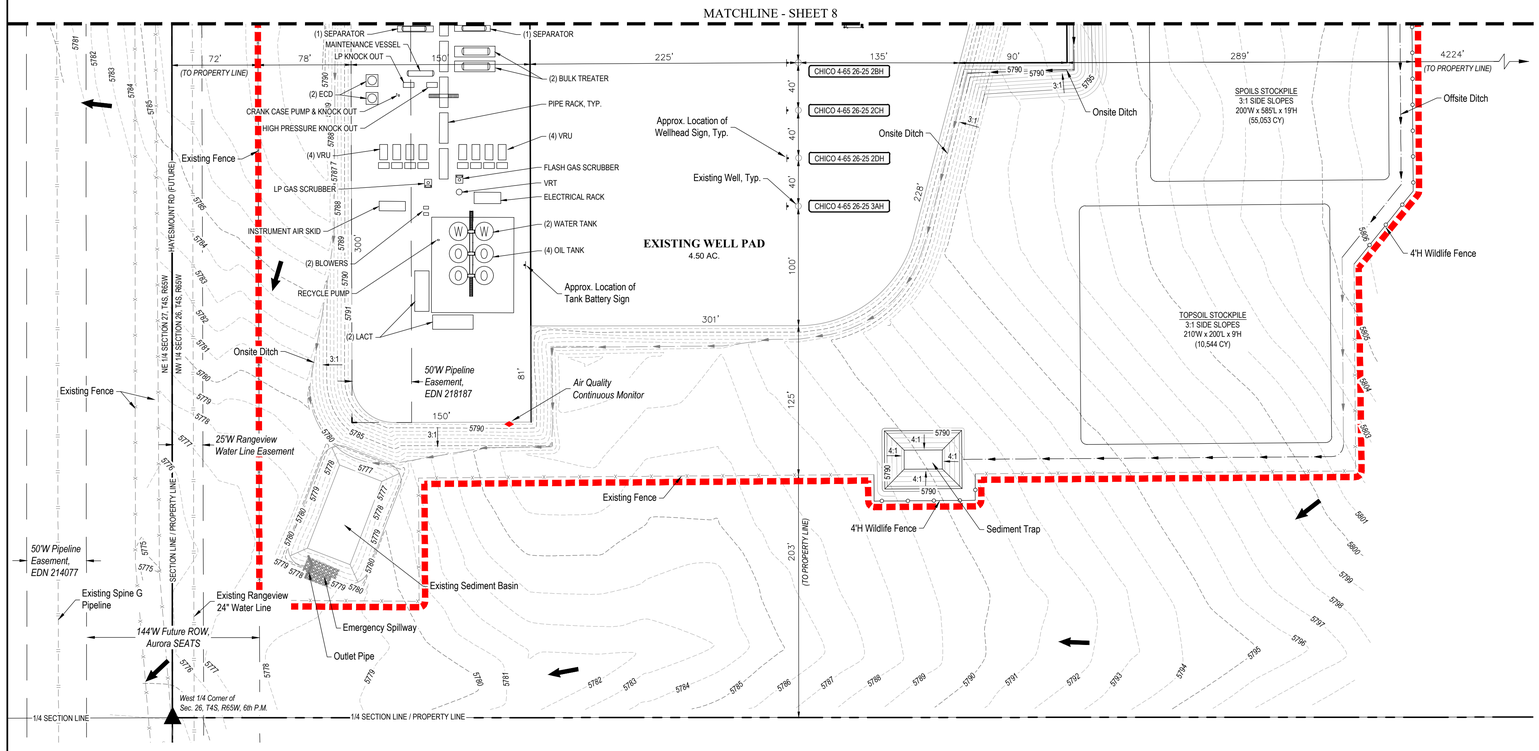
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRES1-21-0006
UELS FILE NO.:
C - 7 3 1 4

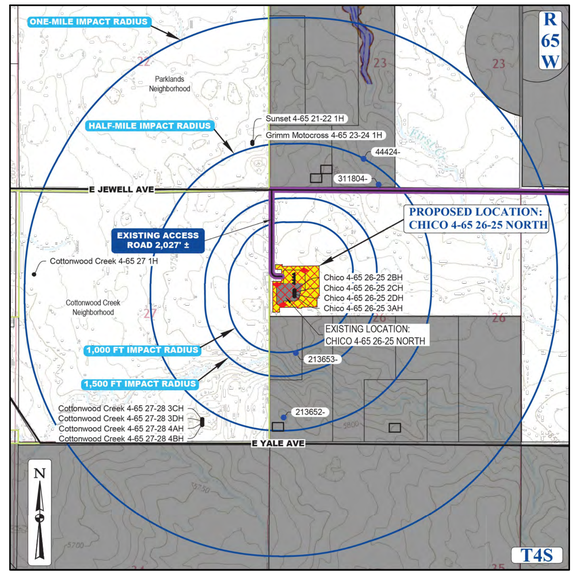
SHEET
8

E:\FILE: E:\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH SITE PLAN.dwg CCAMLSON 11/25/2024 8:54 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO





CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

- DIVERSION DITCH
- LIMITS OF CONSTRUCTION
- OIL & GAS LOCATION
- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- RIGHT-OF-WAY
- EX. EASEMENT CORRIDOR
- EX. BURIED PIPELINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIP-RAP OUTLET PROTECTION
- SEDIMENT TRAP
- FLOW DIRECTION
- AIR QUALITY MONITORING SITE

LEGEND

◀	PROPOSED OIL AND GAS WELL SITE		EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE		PROPOSED ROAD
	MUNICIPAL BOUNDARY		HAUL ROUTE
	LIMITS OF SITE DISTURBANCE		PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024		NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS		100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN

Production Equipment
Representative Dimension Table

Equipment	Quantity	Length (ft/in)	Width (ft/in)	Height (ft/in)
Separator	8	35	8	18
Bulk Treater	2	35	8	18
Gas Lift Compressor	2	39	29	21
Gas Lift Compressor VFDS	1	12	10	10
Gas Lift Meter Bldg	1	16	7	9
HP Knockout	1	9	4	10
LP Knockout	1	9	4	10
Instrument Air Skid	1	22	10	12
Electrical Rack	1	25	4	6
VRU	8	15	7	8
VRT	1	4	4	37
500 bbl Low-Profile Oil Tank	4	16	16	16
500 bbl Low-Profile Water Tank	2	16	16	16
Recycle Pump	1	3	2	5
LACT	2	18	11	11
Sales Gas Scrubber	1	4	4	10
Pipe Rack	6	25	7	6
Fuel Gas Scrubber	1	7	7	10
Blowers	2	6	2	5
Flash Gas Scrubber	1	7	6	10
LP Gas Scrubber	1	7	6	10
Maintenance Vessel	1	23	6	12
ECD	2	10	10	25
Crank Case Pump	1	1	1	2
Crank Case Knock Out	1	1	2	3

STRUCTURAL BEST MANAGEMENT PRACTICES:

1. REINFORCED ROCK BERMS (RRB) AND (RRC) - REINFORCED ROCK BERMS (RRCS) SHALL BE UTILIZED IMMEDIATELY UPSTREAM OF THE CULVERTS. REINFORCED ROCK BERMS (RRBS) WILL ALSO BE PLACED INTERMITTENTLY ALONG THE FLOWLINE OF THE ROADSIDE DITCHES. THE RRBS WILL BE PLACED IN THE INTERIM PHASE WHILE THE RRCS WILL BE PLACED IN THE INITIAL AND INTERIM PHASES PER THE SWMP PLANS.
2. STABILIZED STAGING AREA (SSA) - THE STABILIZED STAGING AREA SHALL BE USED FOR EQUIPMENT STORAGE, PARKING, A LOADING/UNLOADING ZONE, PORTABLE TOILETS, CONSTRUCTION TRAILER, WASTE COLLECTION, AND MATERIAL STOCKPILE AND STORAGE. THE STABILIZED STAGING AREA WILL ESSENTIALLY BE THE PERIMETER OF THE PAD SITE LOCATION.
3. SEDIMENT BASIN (SB) - WHERE THE TRIBUTARY DISTURBED AREA IS GREATER THAN 1 ACRE, A SEDIMENT BASIN WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT WILL BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE BASIN WILL CONTAIN SILT FROM THE UPSTREAM CUT AND FILL SLOPES AROUND THE DRILL PAD SITE. PERIODIC MAINTENANCE OF THE POND MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT BASINS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
4. SEDIMENT TRAP (ST) - WHERE THE TRIBUTARY DISTURBED AREA IS LESS THAN 1 ACRE A SEDIMENT TRAP WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT MAY BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE TRAP WILL CONTAIN SILT FROM THE UPSTREAM FILL SLOPES AROUND THE PAD SITE. PERIODIC MAINTENANCE OF TRAPS MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT TRAPS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
5. DIVERSION DITCHES (DD) - UNLINED DIVERSION DITCHES WILL BE CONSTRUCTED AT THE TOE OF THE CUT AND FILL SLOPES ALONG THE BOUNDARIES OF THE PAD SITE. THESE DITCHES WILL CAPTURE SEDIMENT LADEN RUNOFF FROM THE SLOPES AND CHANNEL IT INTO SEDIMENT BASINS AND/OR TRAPS. IN THE FILL SLOPE APPLICATION, THE MATERIAL EXCAVATED FOR THE DITCH SHALL BE COMPACTED AND BERMED ON THE DOWNHILL SIDE FOR AN ADDITIONAL LAYER OF PROTECTION. DIVERSION DITCHES SHALL BE INSTALLED BEFORE GRADING WORK BEGINS ON THE FILL SLOPES AND AS SOON AS THE PAD SITE GRADING IS COMPLETE ON THE CUT SLOPES.
6. SEEDING AND MULCHING (SM) - CUT AND FILL SLOPES ADJACENT TO THE PAD SITE AND ACCESS ROAD SWALES SHALL BE STABILIZED WITH SM. IT SHALL BE APPLIED AFTER GRADING IS COMPLETE IN THE FINAL PHASE. IF THE SEEDING AND MULCHING APPLICATION DOES NOT PROVIDE ADEQUATE STABILIZATION FOR THE AREA WHERE SLOPES EXCEED 4:1, THEN MORE ROBUST BMP'S SHALL BE UTILIZED.
7. SEDIMENT CONTROL LOG (SCL) - 12" DIAMETER SEDIMENT CONTROL LOGS SHALL BE USED ON THE DOWNSTREAM PERIMETER OF THE SPOIL AND TOPSOIL STOCKPILES PER MANUFACTURER SPECIFICATIONS. SEDIMENT CONTROL LOGS SHALL BE INSTALLED IN THE INTERIM PHASE ONCE STOCKPILES HAVE BEEN CREATED.
8. VEHICLE TRACKING CONTROL (VTC) - IN LIEU OF A VTC, THE CONTRACTOR SHALL INSTALL AN ASPHALT APRON WHERE A PROPOSED ACCESS ROAD INTERSECTS A PAVED PUBLIC ROADWAY. IF THE PUBLIC ROADWAY IS GRAVEL, A VTC IS NOT NECESSARY. VTC OR ASPHALT APRON SHALL BE INSTALLED IN THE INITIAL PHASE BEFORE THE PAD SITE GRADING BEGINS.
9. RIPRAP - TYPE-M RIPRAP SHALL BE INSTALLED DOWNSTREAM OF ALL CULVERTS FOR A WIDTH OF 4 TIMES THE CULVERT DIAMETER AND A LENGTH OF 4 TIMES THE CULVERT DIAMETER. RIPRAP SHALL BE INSTALLED IN THE INTERIM PHASE, FOLLOWING CULVERT INSTALLATION.
10. EROSION CONTROL BLANKET (ECB) - STEEP SLOPES SHALL BE PROTECTED WITH STRAW COCONUT BLANKETS WHERE INDICATED ON THE SWMP PLAN OR WHERE SEEDING AND MULCHING APPLICATION IS NOT EFFECTIVE. BLANKET SHALL BE INSTALLED WITH SEEDING DURING THE FINAL PHASE.

ACCESS ROAD AND PAD CONSTRUCTION NOTE:

ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (85,000 LBS) UTILIZING THE CDOT ROAD-BASE #6 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 29' INSIDE TURNING RADIUS. WHILE CDOT #6 IS SPECIFIED, THE MATERIAL USED TO CONSTRUCT THESE SURFACES MAY BE OF ANY ONE OF, OR A COMBINATION OF SEVERAL AGGREGATE MATERIALS AVAILABLE. APPROVED MATERIALS INCLUDE PREMIXED ROAD BASE MATERIAL 1-1.5 ANGULAR INCH RIVER ROCK, CRUSHED GRANITE OR OTHER AGGREGATE WITH NOT LESS THAN ONE-INCH NOMINAL SIZE DESIGNATION AND CDOT ROAD BASE CLASS 6. A SOLID SURFACE (CONCRETE OR ASPHALT) WILL BE ADDED FOR THE FIRST 100 FEET FROM A PAVED PUBLIC R.O.W. THE MAINTENANCE OF THE ROAD WILL BE IN GOOD REPAIR AT ALL TIMES, CLEAR OF ANY STRUCTURES OR OBSTRUCTIONS, AND AN ALL WEATHER SURFACE ALLOWING FOR AN UNOBSTRUCTED PATH FOR EMERGENCY APPARATUS USE.

LIGHTING:

1. LIGHTING SHALL BE DIRECTED DOWNWARD AND WILL NOT SHINE BEYOND THE BOUNDARIES OF THE WELL SITE.

GENERAL CONSTRUCTION NOTES:

1. THE SITE PLAN, EQUIPMENT AND INFORMATION SHOWN HEREIN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE USED FOR CONSTRUCTION. ENGINEERED SWMP DRAWINGS RELATIVE TO THIS SITE WILL BE SUBMITTED AND APPROVED FOLLOWING APPLICABLE CITY OF AURORA STANDARDS AND PROCEDURES.
2. THE DIMENSIONS AND LAYOUT DEPICTED IN THE SITE PLAN SHOWN ARE OF A RIG LAYOUT FOR A TYPICAL WELL SITE. ACTUAL DIMENSIONS AND LAYOUT MAY CHANGE BASED ON THE VARIABILITY OF THE EQUIPMENT.
3. ESTIMATED SITE ACTIVITY SCHEDULE:
   - DRILLING - 10-20 DAYS (PER WELL HEAD), 24 HOURS/DAY
   - HYDRAULIC FRACTURING - 10 DAYS (PER WELL HEAD), 24 HOURS/DAY
   - PRODUCTION - 20+ YEARS
4. THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
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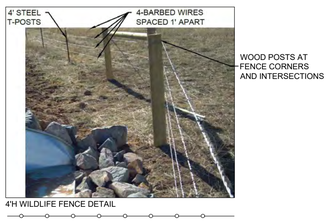
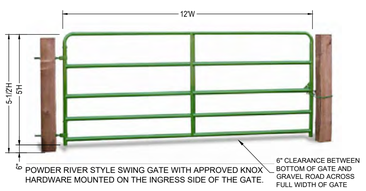


4'H WILDLIFE FENCE DETAIL



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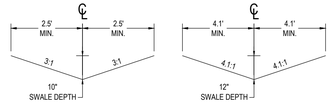

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N.T.S.

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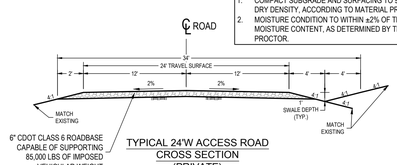

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SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REV.	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

PRODUCTION OPERATIONS SITE PLAN

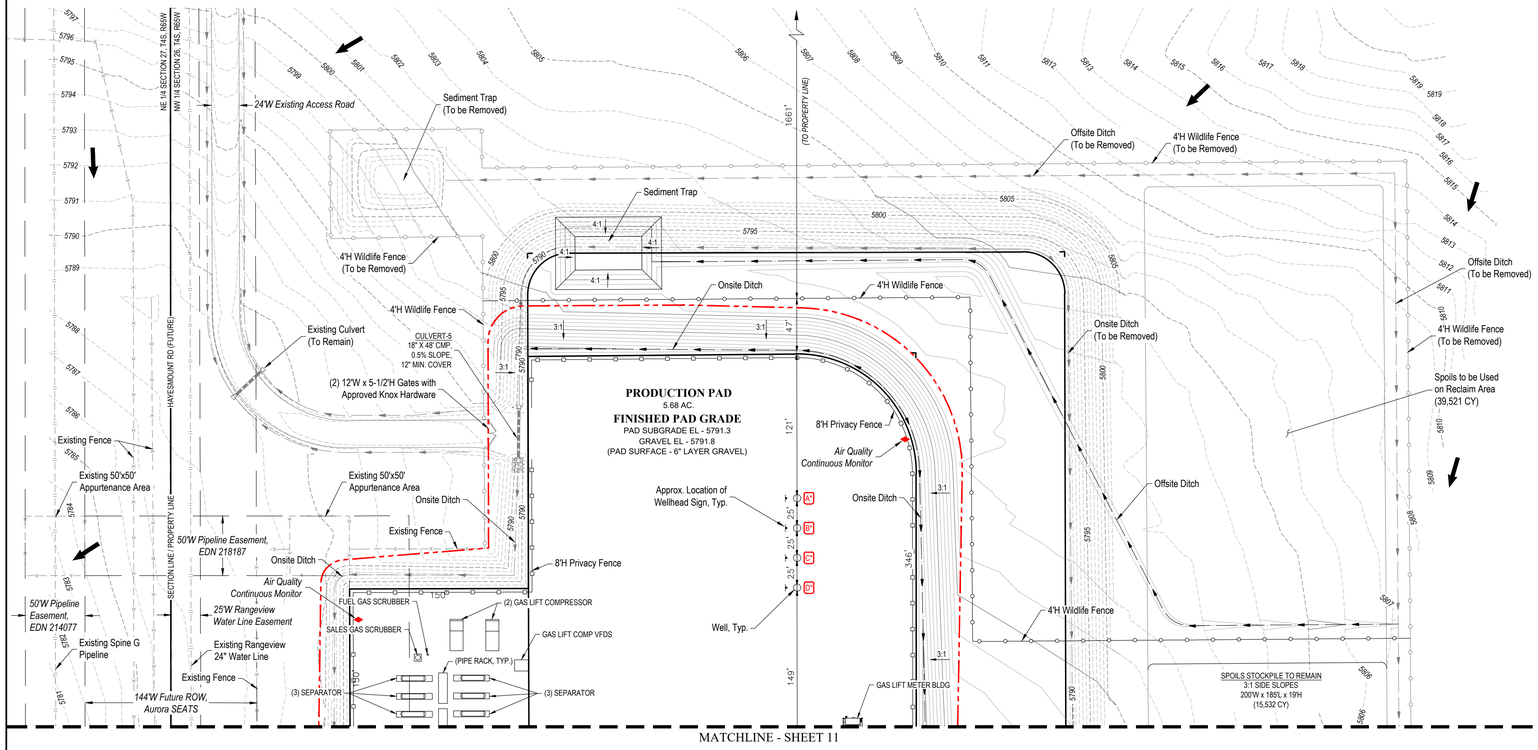
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.: C - 7 3 1 4

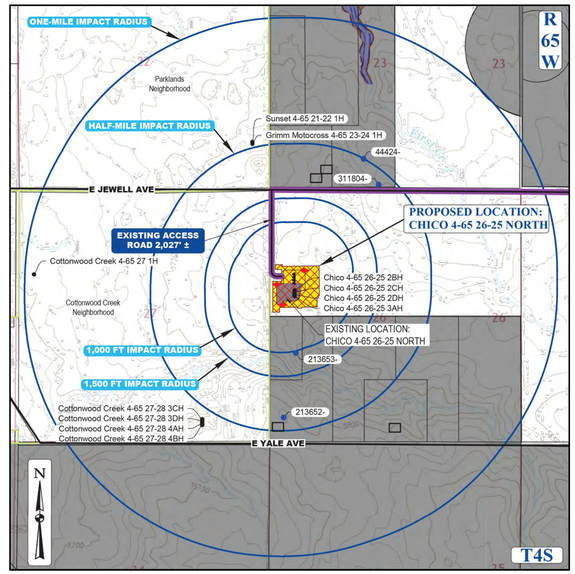
SHEET 9

E:\FILE E-CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH-SITE FLAN.dwg, C2A4LSON 11/25/2024 8:54 AM, ARCH FULL B (22.00 X 34.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO





CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

- DIVERSION DITCH
- LIMITS OF CONSTRUCTION
- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- PROPOSED PRIVACY FENCE
- EXISTING FENCE
- ROW
- RIGHT-OF-WAY
- EX. EASEMENT CORRIDOR
- EX. BURIED PIPELINE
- EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- PROPOSED MAJOR CONTOUR
- PROPOSED MINOR CONTOUR
- RIP-RAP OUTLET PROTECTION
- SEDIMENT TRAP
- FLOW DIRECTION
- AIR QUALITY MONITORING SITE
- PERMANENT LIMITS OF DISTURBANCE
- 4-1 GRIMM MOTOCROSS 4-65 23 1B2BUH
- 2-3 GRIMM MOTOCROSS 4-65 23 2A3AUH
- 3-4 GRIMM MOTOCROSS 4-65 23-24 3BH
- 4-4 GRIMM MOTOCROSS 4-65 23-24 4BH

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

Production Equipment Representative Dimension Table

Equipment	Quantity	Length (ft/in)	Width (ft/in)	Height (ft/in)
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Bulk Treater	2	35	8	18
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Gas Lift Compressor VFDS	1	12	10	10
Gas Lift Meter Bldg	1	16	7	9
HP Knockout	1	9	4	10
LP Knockout	1	9	4	10
Instrument Air Skid	1	22	10	12
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Fuel Gas Scrubber	1	7	7	10
Blowers	2	6	2	5
Flash Gas Scrubber	1	7	6	10
LP Gas Scrubber	1	7	6	10
Maintenance Vessel	1	23	6	12
ECD	2	10	10	25
Crank Case Pump	1	1	1	2
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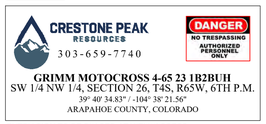
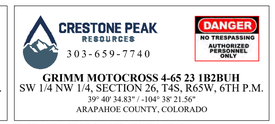
SIGNAGE:

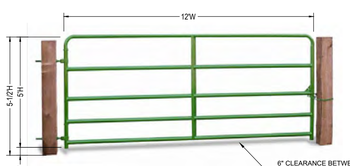


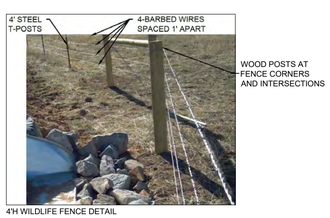
ENTRY SIGN TO BE PLACED AT WELL ACCESS ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1.5' X 2'

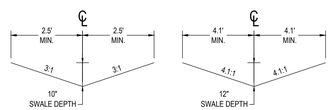


ENTRY SIGN TO BE PLACED AT WELL HEAD
SIZE: 2' X 3'

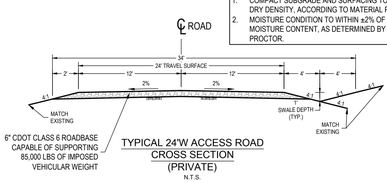
ENTRY SIGN TO BE PLACED AT TANK BATTERY
SIZE: 3' X 3'







COMPACTION SPECIFICATIONS:
1. COMPACT SUBGRADE AND SURFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR.
2. MOISTURE CONDITION TO WITHIN ±2% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR.



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N
60' 30' 0'
1" = 60'
SCALE

SURVEY BENCHMARK

COA ID: 4S652BNW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVI.	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

INTERIM RECLAMATION SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE00-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
10

E:\FILE\ CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH SITE PLAN.dwg COARLSON 11/20/2024 8:54 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

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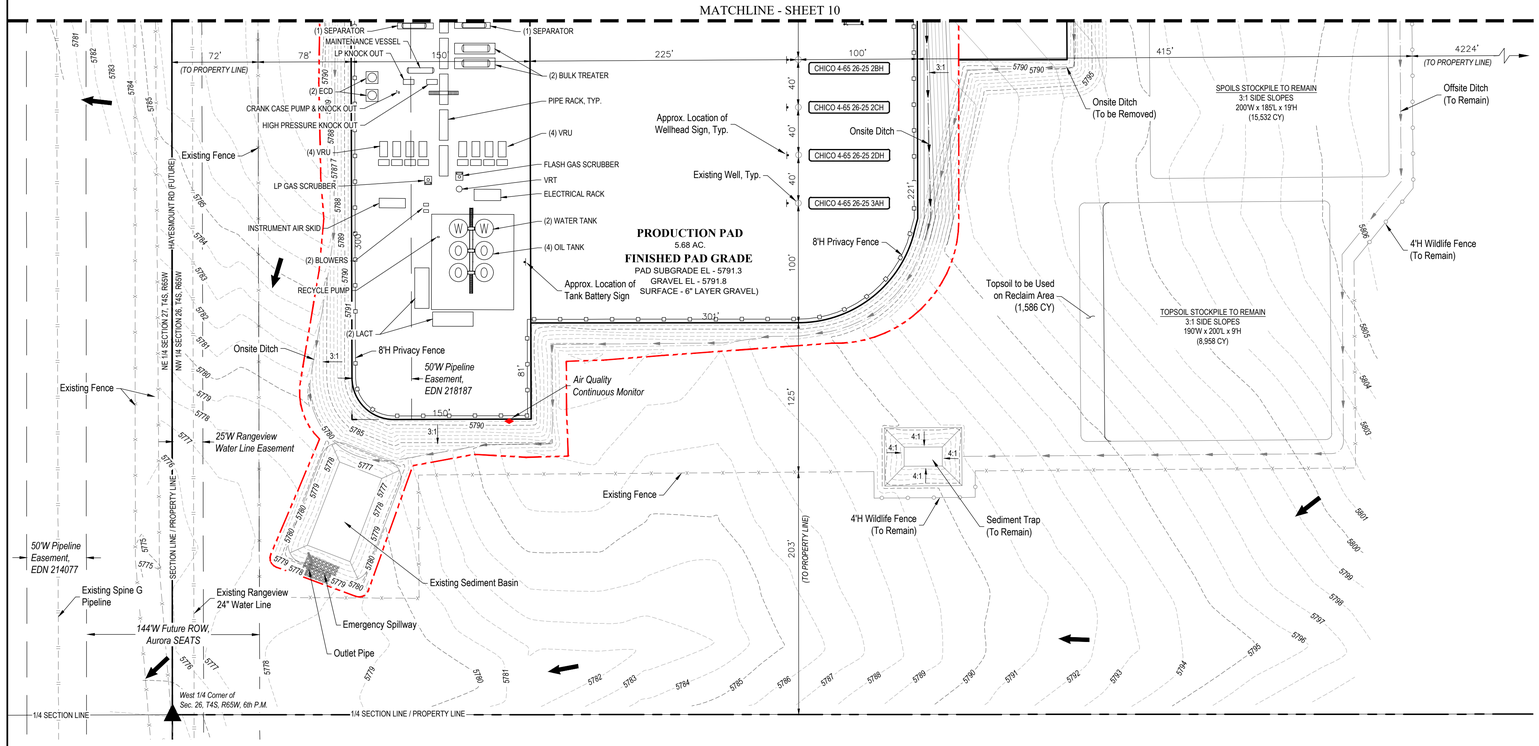

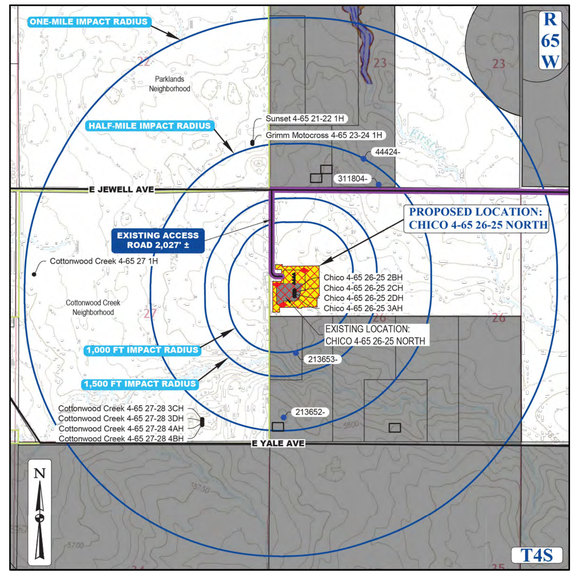

CONTEXT MAP

SCALE: 1" = 1,500'

LEGEND

DIVERSION DITCH	
LIMITS OF CONSTRUCTION	
PROPERTY LINE	
PROPOSED WILDLIFE FENCE	
PROPOSED PRIVACY FENCE	
EXISTING FENCE	
r/w RIGHT-OF-WAY	
EX. EASEMENT CORRIDOR	
EX. BURIED PIPELINE	
EXISTING MAJOR CONTOUR	
EXISTING MINOR CONTOUR	
PROPOSED MAJOR CONTOUR	
PROPOSED MINOR CONTOUR	
RIP-RAP OUTLET PROTECTION	
SEDIMENT TRAP	
FLOW DIRECTION	
AIR QUALITY MONITORING SITE	
PERMANENT LIMITS OF DISTURBANCE	

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
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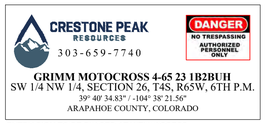
SIGNAGE:



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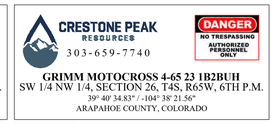
SIZE: 1.5' X 2'



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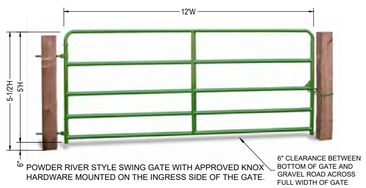
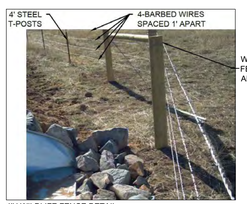
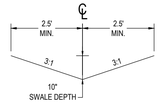


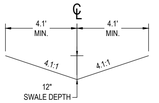
PRIVACY FENCE DETAIL (TREX SADDLE COLORED 8'H FENCE, OR SIMILAR)



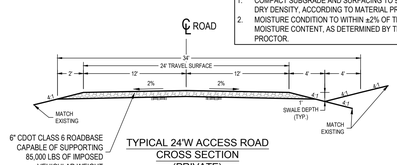
4'H WILDLIFE FENCE DETAIL



TYPICAL DIVERSION DITCH CROSS SECTION (PRIVATE)
N.T.S.



TYPICAL OFFSITE DIVERSION DITCH CROSS SECTION (PRIVATE)
N.T.S.



TYPICAL 24'W ACCESS ROAD CROSS SECTION (PRIVATE)
N.T.S.

COMPACTION SPECIFICATIONS:
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Production Equipment Representative Dimension Table

Equipment	Quantity	Length (ft/in)	Width (ft/in)	Height (ft/in)
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N

60' 30' 0'

1" = 60'
SCALE

SURVEY BENCHMARK

COA ID: 4S652BNW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
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LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
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www.uintahgroup.com
- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REV	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

INTERIM RECLAMATION SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
11

E:\FILE E:\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH-SITE PLAN.dwg, CARLSON 11/25/2024 8:54 AM, ARCH FULL BLEED D (24.00 X 36.00 INCHES)

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LANDSCAPE DESIGNER
Uintah Engineering & Land Surveying, LLC
Headquarters
85 South 200 East
Vernal, Utah 84078
(435) 789-1017

Colorado Branch
3313 35th Ave. #B
Evans, CO 80620
(970) 506-1544

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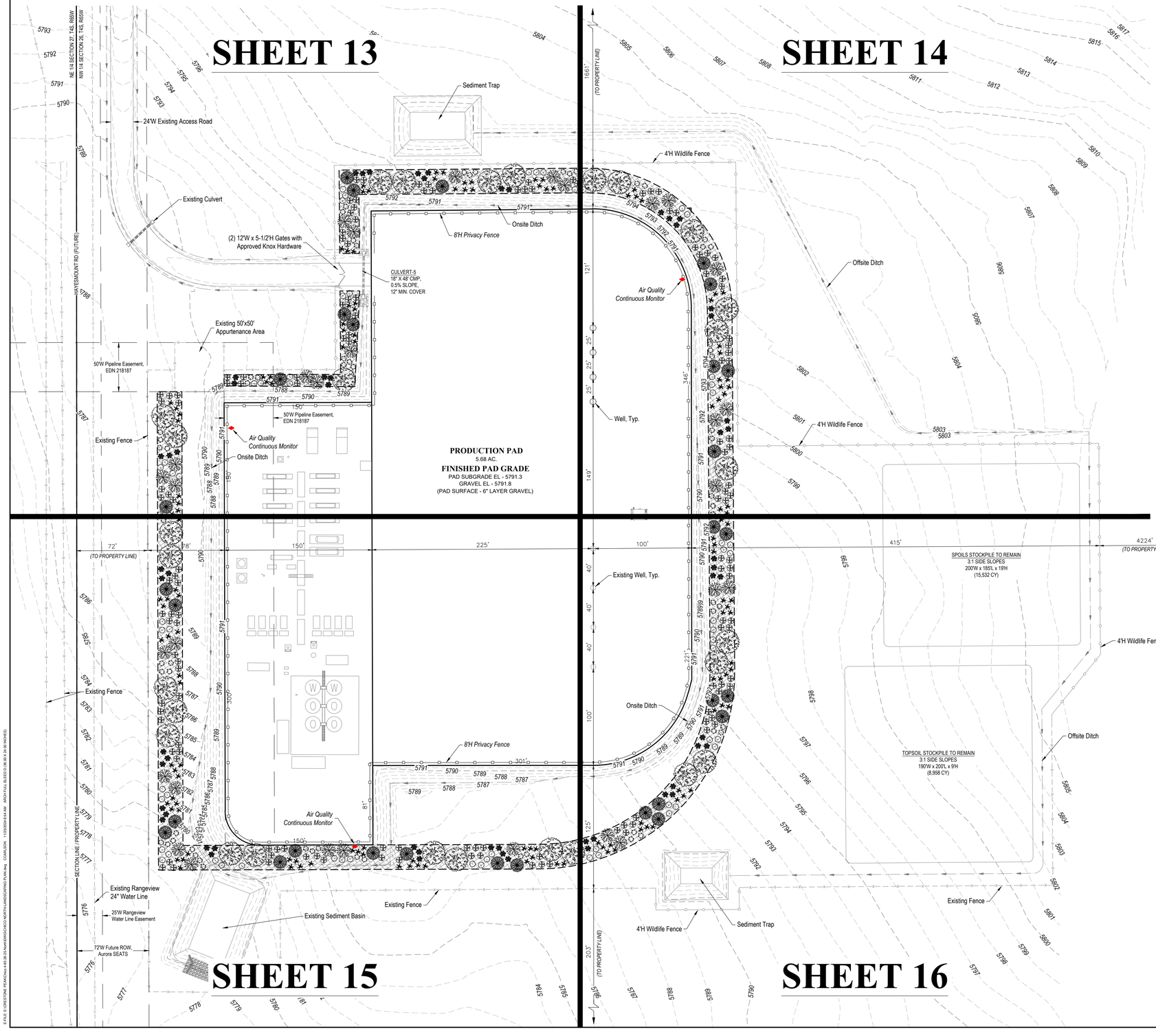
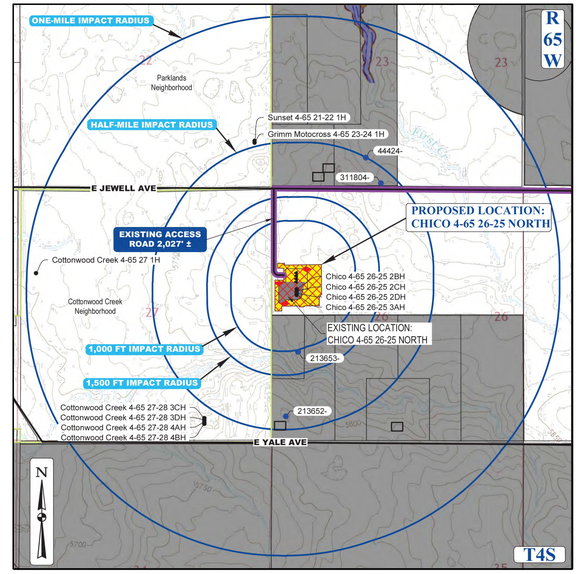
SHEET 13



SHEET 14



CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
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SHEET 15

SHEET 16

SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
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LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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1" = 50'
SCALE

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BEFORE YOU DIG
1-800-922-1987
UNCC
UTILITY NOTIFICATION CENTER OF COLORADO

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

NO.	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN OVERVIEW

SCALE:	AS NOTED
DRAWN BY:	C.D.C.
DATE DRAWN:	11-14-2024
PROJ. NO:	CRE03-21-0006
UELS FILE NO.:	C - 7 3 1 4

SHEET 12

E:\FILE E-CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH LANDSCAPING PLAN.dwg COMPLSCH 11/25/2024 8:54 AM ARCHITULL BLEED D (36.00 X 24.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

LANDSCAPE DESIGNER
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Headquarters
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Vernal, Utah 84078
(435) 789-1017

Colorado Branch
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Evans, CO 80620
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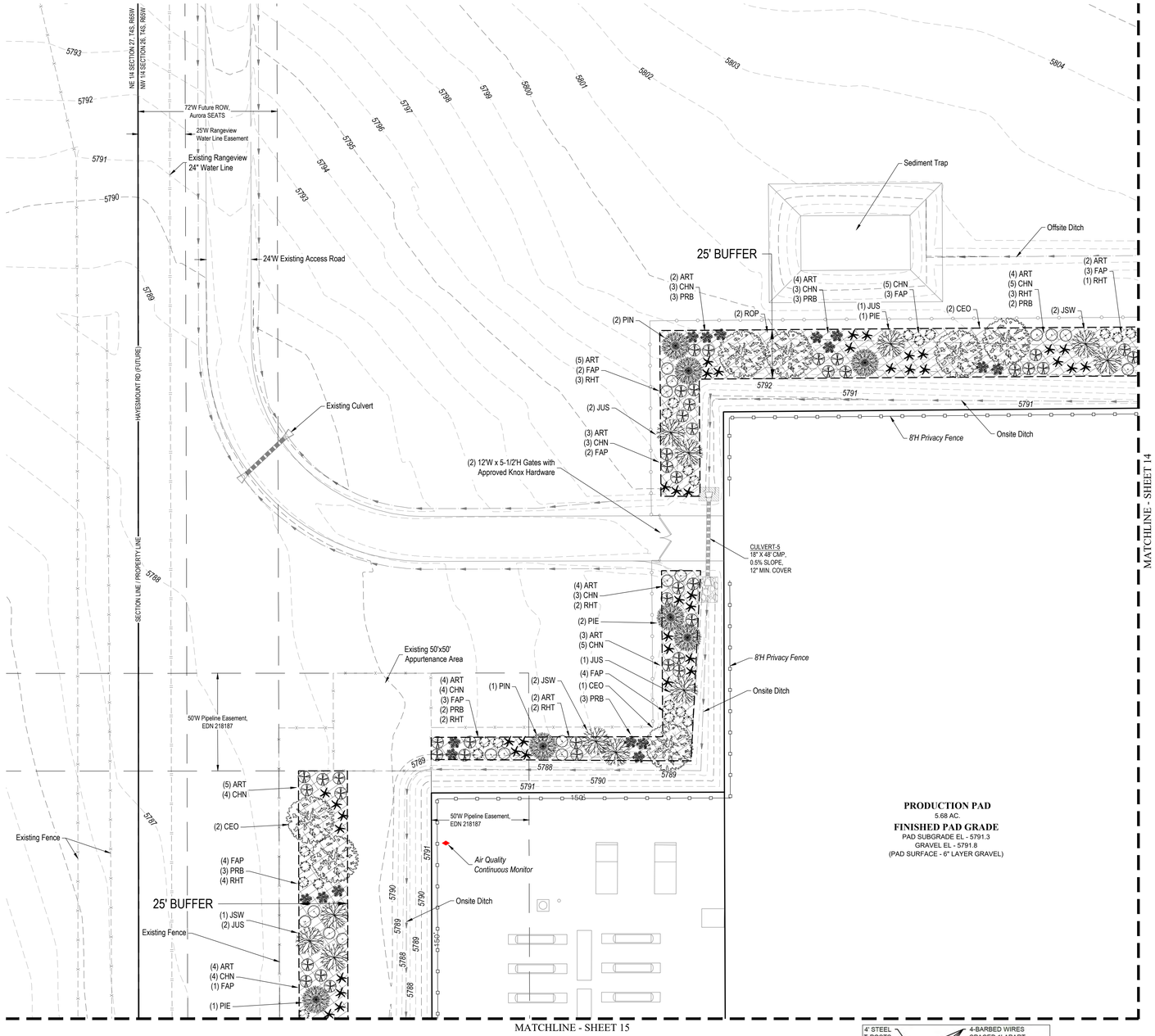

PRODUCTION PAD
5.68 AC.

FINISHED PAD GRADE
PAD SUBGRADE EL - 5791.3
GRAVEL EL - 5791.8
(PAD SURFACE - 6" LAYER GRAVEL)

DISCLAIMER:
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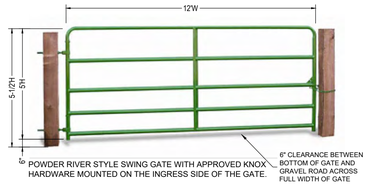
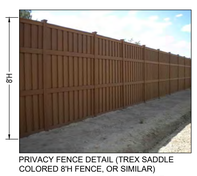
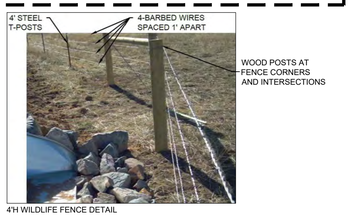
NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.



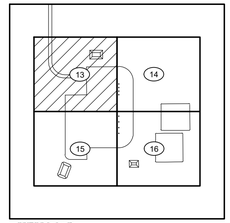
POWDER RIVER STYLE SWING GATE WITH APPROVED KNOX HARDWARE MOUNTED ON THE INGRESS SIDE OF THE GATE.



PRIVACY FENCE DETAIL (TREX SADDLE COLORED 8'H FENCE, OR SIMILAR)



4'H WILDLIFE FENCE DETAIL



KEY MAP
SCALE: 1" = 500'

SIGNAGE:

CRESTONE PEAK RESOURCES
303-659-7740
DANGER NO TRESPASSING AUTHORIZED PERSONNEL ONLY
GRIMM MOTOCROSS 4-65 23 1B2BUH
SW 1/4 NW 1/4, SECTION 26, T4S, R65W, 6TH P.M.
39° 40' 34.83" / -104° 38' 21.56"
ARAPAHOE COUNTY, COLORADO
ENTRY SIGN TO BE PLACED AT WELL ACCESS ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1.5' X 2'

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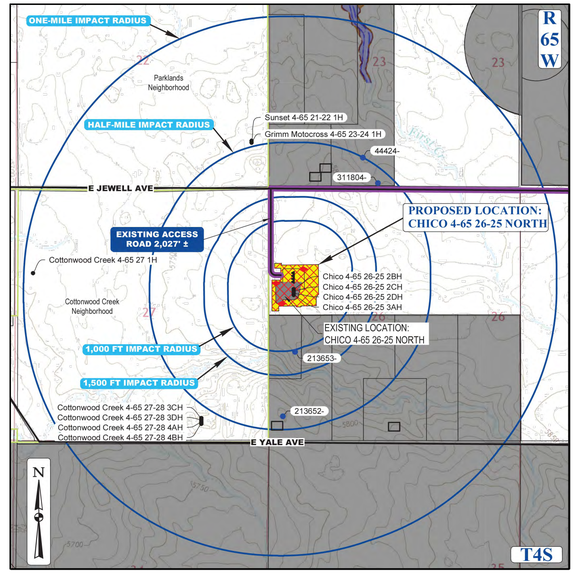
ACCESS FROM E. JEWELL AVE.
±2,027-FT SOUTH INTO BATTERY
PLEASE OBEY POSTED SPEED LIMITS
ENTRY SIGN TO BE PLACED AT TANK BATTERY
SIZE: 3' X 3'

NOT FOR CONSTRUCTION

IRRIGATION PLAN ON SEPARATE SUBMITTAL



CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND:
- 0000' MAJOR CONTOURS - 5'
- 0000' MINOR CONTOURS - 1'
- TREES
- SHRUBS
- MULCH - 3" DEPTH CASCADE CEDAR
- 8'H PRIVACY FENCE
- 4'H WILDLIFE FENCE
- STEEL EDGER

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

LANDSCAPE BUFFER REQUIREMENT TABLE

LINEAR FEET OF BUFFER	TREES REQUIRED	TREES PROVIDED
2,250 LF AT ADJACENT RESIDENTIAL PROPERTY LINES	1 TREE PER 25 LF OF BUFFER: 90 TREES	88 TREES
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	WIDTH REQUIRED	WIDTH PROVIDED
	25 FEET	25 FEET

NOTES
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XERISCAPE PLANT LIST

TREES

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
	CEO	15	WESTERN HACKBERRY	CELTIS OCCIDENTALIS	2.5" CALIPER	B&B
	ROP	13	BLACK LOCUST	ROBINIA PSEUDOCACIA	2.5" CALIPER	B&B
	JSW	16	'WICHITA BLUE' JUNIPER	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	6 FT HT	B&B
	JUS	14	'ROCKY MOUNTAIN' JUNIPER	JUNIPERUS SCOPULORUM	6 FT HT	B&B
	PIE	16	PINYON PINE	PINUS EDULIS	6 FT HT	B&B
	PIN	14	AUSTRIAN PINE	PINUS NIGRA	6 FT HT	B&B
QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT					TOTAL: 88 TREES	

SHRUBS

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
	ART	136	TALL WESTERN SAGE	ARTEMISIA TRIDENTATA	5 GAL.	B&B
	CHN	134	RABBIT BRUSH	CHRYSOTHAMNUS NAUSEOSUS	5 GAL.	B&B
	FAP	64	APACHE PLUME	FALLUGIA PARADOXA	5 GAL.	B&B
	PRB	57	WESTERN SAND CHERRY	PRUNUS BESSEYI	5 GAL.	B&B
	RHT	59	THREE-LEAF SUMAC	RHUS TRILOBATA	5 GAL.	B&B
QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT					TOTAL: 450 SHRUBS	

SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
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LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

N
30' 15' 0'
1" = 30'
SCALE

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85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

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REVISIONS		
NO.	DATE	BY

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
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SHEET 13

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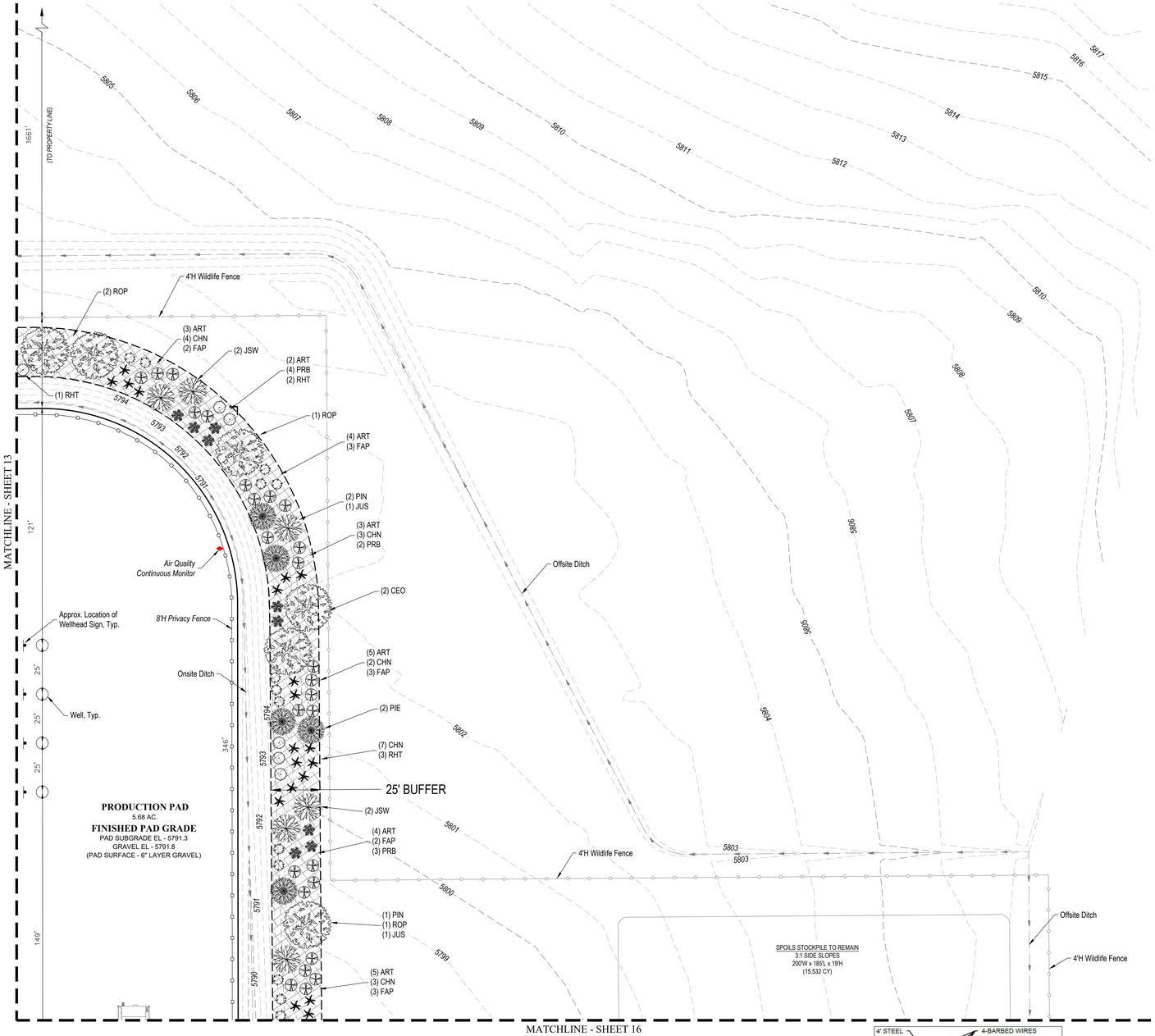

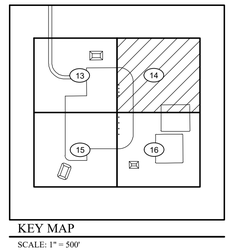

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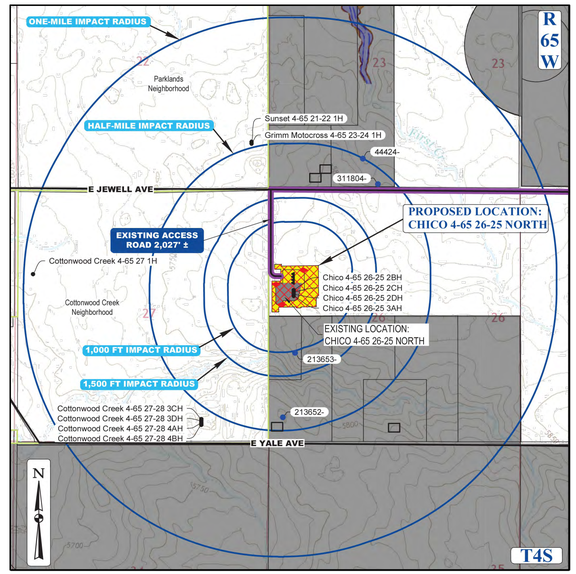

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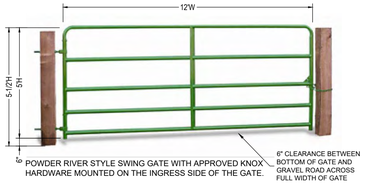

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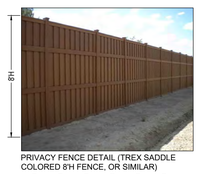

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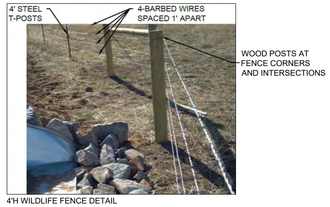

4'H WILDLIFE FENCE DETAIL

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DRAWN BY: C.D.C.
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PROJ. NO: CRE03-21-0006
UELS FILE NO.: C - 7 3 1 4

SHEET 14

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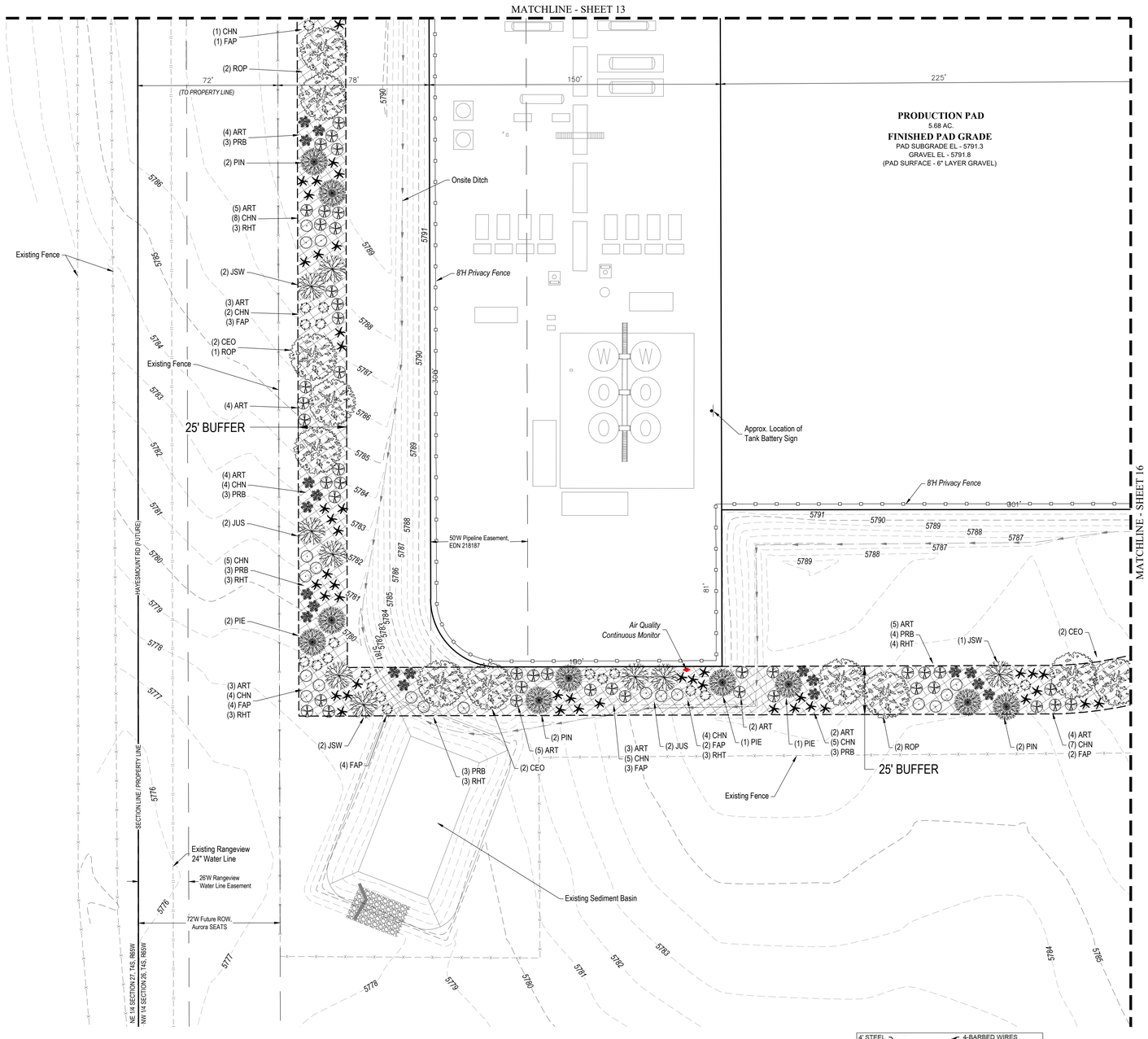
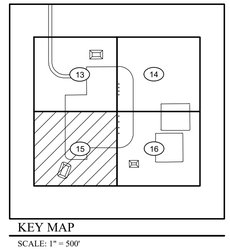
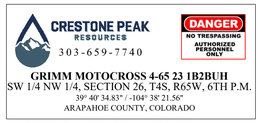


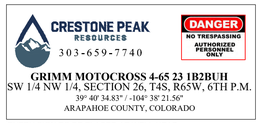


KEY MAP
SCALE: 1" = 500'

SIGNAGE:



ENTRY SIGN TO BE PLACED AT WELL ACCESS ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1.5' X 2'

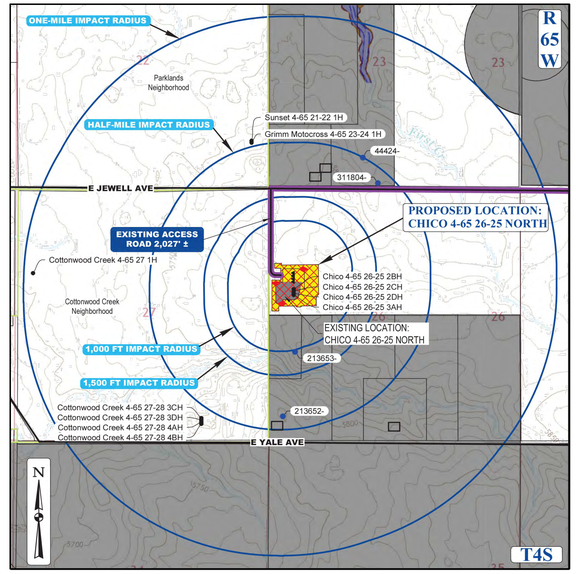


ENTRY SIGN TO BE PLACED AT WELL HEAD
SIZE: 2' X 3'

ENTRY SIGN TO BE PLACED AT TANK BATTERY
SIZE: 3' X 3'

NOT FOR CONSTRUCTION

IRRIGATION PLAN ON SEPARATE SUBMITTAL



CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

LEGEND:

- 0000' MAJOR CONTOURS - 5'
- 0000' MINOR CONTOURS - 1'
- TREES
- SHRUBS
- MULCH - 3" DEPTH CASCADE CEDAR
- 8'H PRIVACY FENCE
- 4'H WILDLIFE FENCE
- STEEL EDGER

LANDSCAPE BUFFER REQUIREMENT TABLE

LINEAR FEET OF BUFFER	TREES REQUIRED	TREES PROVIDED
2,250 LF AT ADJACENT RESIDENTIAL PROPERTY LINES	1 TREE PER 25 LF OF BUFFER: 90 TREES	88 TREES
	SHRUBS REQUIRED	SHRUBS PROVIDED
	5 SHRUBS PER 25 LF OF BUFFER: 450 SHRUBS	450 SHRUBS
	WIDTH REQUIRED	WIDTH PROVIDED
	25 FEET	25 FEET

NOTES
1. ADJACENT RESIDENTIAL PROPERTY LINES LANDSCAPE BUFFER PLANTING REQUIREMENTS SHALL BE CALCULATED AT 1 TREE AND 5 SHRUBS PER EVERY 25 LINEAR FEET OF BUFFER. BUFFER IS REQUIRED TO BE 25' WIDE. 50% OF TREES SHALL BE EVERGREEN. UNIFIED DEVELOPMENT ORDINANCE SECTION 146-4.7.5.E.

XERISCAPE PLANT LIST

TREES

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
	CEO	15	WESTERN HACKBERRY	CELTIS OCCIDENTALIS	2.5" CALIPER	B&B
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	JUS	14	'ROCKY MOUNTAIN' JUNIPER	JUNIPERUS SCOPULORUM	6 FT HT	B&B
	PIE	16	PINYON PINE	PINUS EDULIS	6 FT HT	B&B
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QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT					TOTAL: 88 TREES	

SHRUBS

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
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	CHN	134	RABBIT BRUSH	CHRYSOTHAMNUS NAUSEOSUS	5 GAL.	B&B
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	PRB	57	WESTERN SAND CHERRY	PRUNUS BESSEYI	5 GAL.	B&B
	RHT	59	THREE-LEAF SUMAC	RHUS TRILOBATA	5 GAL.	B&B
QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT					TOTAL: 450 SHRUBS	

N
30' 15' 0'
1" = 30'
SCALE

SURVEY BENCHMARK

COA ID: 458526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM, O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
"DO NOT USE FOR PAD LOCATION.

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987
UNCC UTILITY NOTIFICATION CENTER OF COLORADO

DISCLAIMER:
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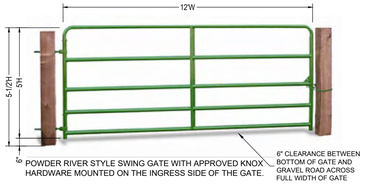
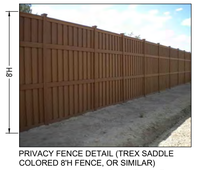
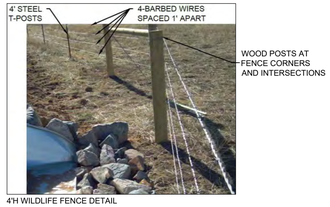
2. PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY UINTAH ENGINEERING & LAND SURVEYING.

NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.







UINTAH
ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS			
REV	DATE	BY	

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.: C - 7 3 1 4

SHEET 15

E:\FILE 1\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH LANDSCAPING PLAN.dwg CDAILSON 11/20/2024 8:44 AM ARCH FULL B (ED13.0) (36.00 X 24.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN

29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

LANDSCAPE DESIGNER
Uintah Engineering & Land Surveying, LLC
Headquarters
85 South 200 East
Vernal, Utah 84078
(435) 789-1017

Colorado Branch
3313 35th Ave. #B
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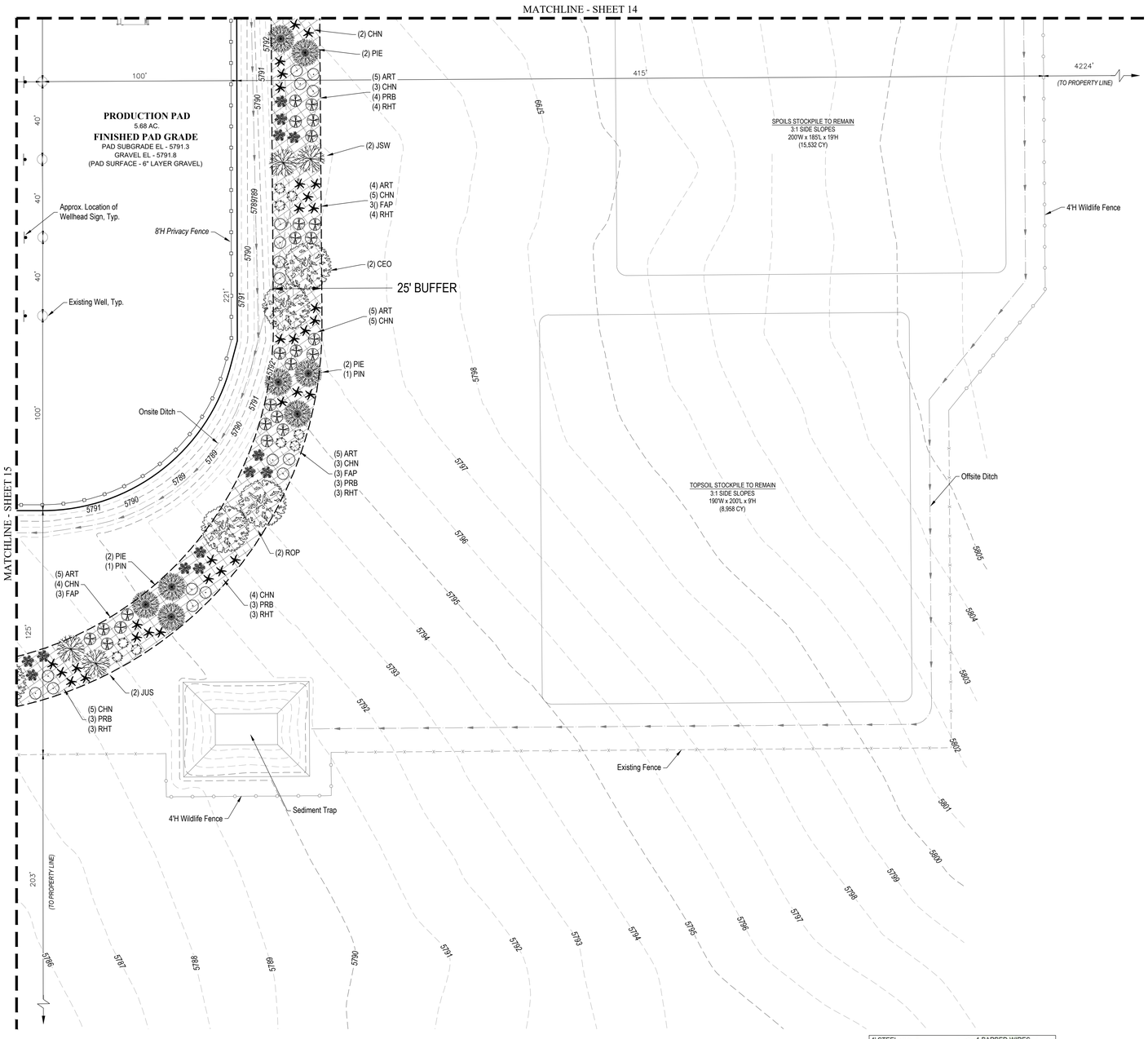

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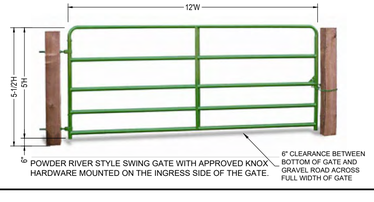
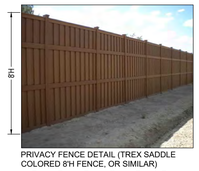
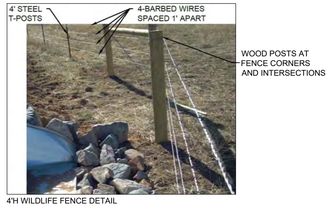
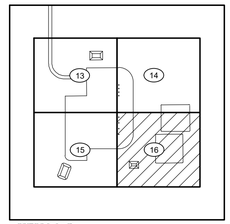




PRIVACY FENCE DETAIL (TREX SADDLE COLORED 8'H FENCE, OR SIMILAR)

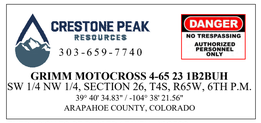


4'H WILDLIFE FENCE DETAIL



KEY MAP
SCALE: 1" = 500'

SIGNAGE:



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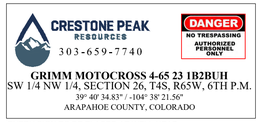

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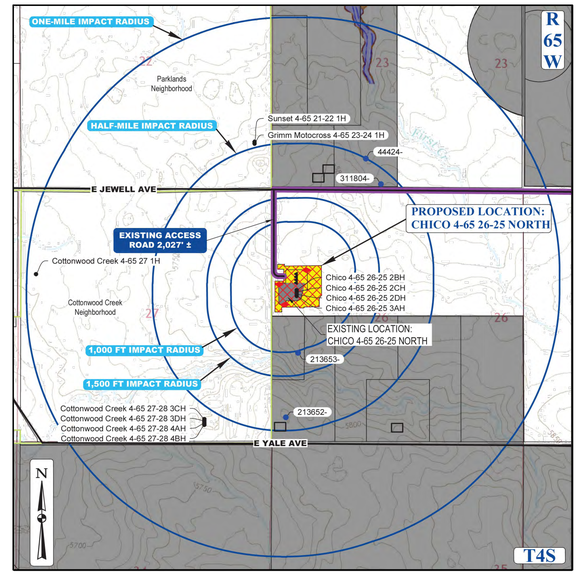

CONTEXT MAP
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0000'	MINOR CONTOURS - 1'
	TREES
	SHRUBS
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	8'H PRIVACY FENCE
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XERISCAPE PLANT LIST

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SURVEY BENCHMARK

COA ID: 456526NW002
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30' 15' 0'
1" = 30'
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CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS		
NO.	DATE	BY

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.: C - 7 3 1 4

SHEET 16

E:\FILE E\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH LANDSCAPING PLAN.dwg CDARLSON 11/25/2024 8:54 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)

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SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

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(435) 789-1017

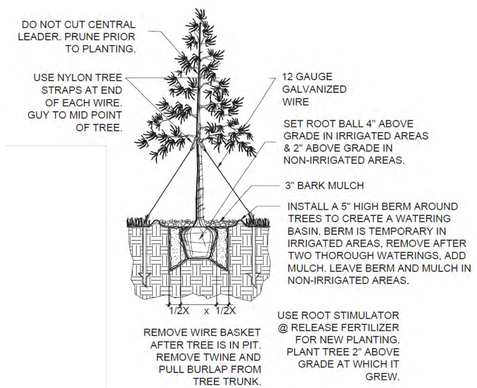
Colorado Branch
3313 35th Ave. #B
Evans, CO 80620
(970) 506-1544

GENERAL NOTES:

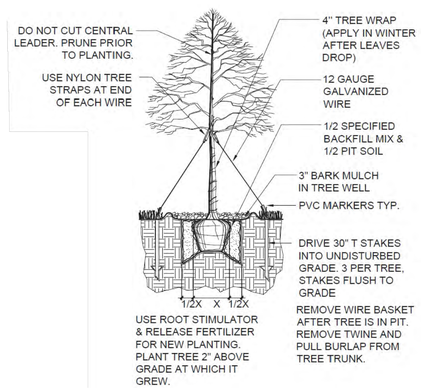
1. PURSUANT TO THE OPERATOR AGREEMENT, THE OPERATOR SHALL IMPLEMENT THE LANDSCAPE PLAN WHEN A RESIDENTIAL BUILDING UNIT IS CONSTRUCTED WITHIN 1,500' OF A WELL SITE AND ONCE THE OPERATOR HAS REASONABLE ACCESS TO A CITY MAIN WATER SOURCE THAT IS WITHIN 400' OF THE WELL SITE.
2. ALL WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL CODES. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY.
5. ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH THE COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

PLANTING NOTES:

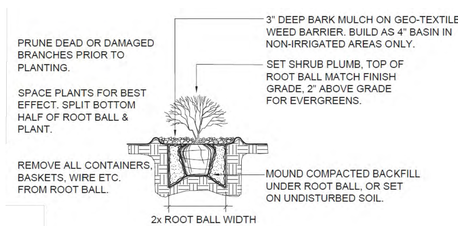
1. REFER TO IRRIGATION PLANS FOR LIMITS AND TYPES OF IRRIGATION DESIGNED FOR THE LANDSCAPE.
2. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND TAG ALL PLANT MATERIAL PRIOR TO SHIPPING TO THE SITE. IN ALL CASES, THE OWNER'S REPRESENTATIVE MAY REJECT PLANT MATERIAL AT THE SITE IF MATERIAL IS DAMAGED, DISEASED, OR DECLINING IN HEALTH AT THE TIME OF ONSITE INSPECTIONS OR IF THE PLANT MATERIAL DOES NOT MEET THE MINIMUM SPECIFIED STANDARD IDENTIFIED ON THE PLANS AND IN THE SPECIFICATIONS.
3. PRIOR TO INSTALLING OF PLANT MATERIALS, ALL AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENED, REPAIRED AND SEEDED IF NECESSARY. SEE SPECIFIED SEED MIX INFORMATION.
4. LANDSCAPE MATERIAL LOCATIONS SHALL HAVE PRECEDENCE OVER IRRIGATION MAINLINE AND LATERAL LOCATIONS. COORDINATE INSTALLATION OF IRRIGATION EQUIPMENT SO THAT IT DOES NOT INTERFERE WITH THE PLANTING OF TREES OR OTHER LANDSCAPE MATERIAL.
5. GRAPHIC SYMBOLS ON LANDSCAPE DRAWINGS TAKES PRECEDENCE OVER WRITTEN PLANT QUANTITIES.
6. ALL PLANTS INSTALLED SHALL FOLLOW THE PLANT SCHEDULE ON THE APPROVED LANDSCAPE DRAWINGS. SUBSTITUTIONS SHALL BE APPROVED BY LANDSCAPE ARCHITECT AND CITY PLANNING DEPARTMENT PRIOR TO INSTALLATION.
7. TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED PRIOR TO CONSTRUCTION SHALL BE COLLECTED, SAVED, AND PROTECTED FOR LATER USE IN AREAS REQUIRING REVEGETATION (SEED) AND/ OR LANDSCAPING. TOPSOIL SHALL CONSIST OF FRIABLE SOIL REASONABLY FREE OF GRASS, ROOTS, WEEDS, STICKS, STONES OR OTHER FOREIGN MATERIALS. SPREADING SHALL NOT BE DONE WHEN THE GROUND IS FROZEN, EXCESSIVELY WET OR OTHERWISE IN A CONDITION DETRIMENTAL TO THE WORK.
8. PLANTING BED AREAS SHALL RECEIVE SOIL PREPARATION AT A RATE OF (3) THREE CUBIC YARDS PER 1,000 SQUARE FEET TILLED TO A DEPTH OF 6 INCHES, OR MYCORRHIZAE APPLIED PER MANUFACTURER RECOMMENDATION.
9. STEEL EDGER SHALL BE INSTALLED AROUND ALL PLANTING BEDS. EDGER SHALL BE 4" GALVANIZED STEEL, ROLLED TOP EDGE, AND INTERLOCKING. EDGER IS NOT NECESSARY ADJACENTLY-PARALLEL TO CURBS, WALLS, GRAVEL PAD AND WALKS. ALL EDGING SHALL OVERLAP AT JOINTS A MINIMUM OF 6-INCHES. ALL EDGING SHALL BE FASTENED WITH A MINIMUM OF 4 PINS/10FT SECTIONS.
10. ALL PLANTING BEDS SHALL BE MULCHED WITH 3" DEPTH CASCADE CEDAR MULCH FOR SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES.
11. ALL PLANTS OF THE SAME SPECIES AND SIZE SHALL HAVE MATCHING HEIGHT AND FORM, UNLESS OTHERWISE NOTED. ALL PLANTS SHALL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK."
12. ALL PLANTS SHALL BE PLANTED USING AN EQUALLY SPACED TRIANGULAR PATTERN, UNLESS OTHERWISE NOTED AND/ OR SHOWN ON THE LANDSCAPE DRAWINGS.
13. THE FINAL LOCATION OF ALL PLANTS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION, BUT SHALL BE IN GENERAL CONFORMANCE WITH THE APPROVED LANDSCAPE PLAN.
14. ALL PLANTS SHALL BE INSTALLED IMMEDIATELY UPON DELIVERY TO THE PROJECT SITE. IF THIS IS NOT POSSIBLE, PLANTS SHALL BE HEELED IN AND WATERED TO HELP PREVENT ANY DAMAGE.
15. TREES SHALL NOT BE LOCATED IN DRAINAGE SWALES, DRAINAGE AREAS, OR UTILITY EASEMENTS. CONTACT OWNER'S REPRESENTATIVE FOR RELOCATION OF PLANTS IN QUESTIONABLE AREAS PRIOR TO INSTALLATION.
16. ALL TREES ARE TO BE STAKED/GUYED FOR A PERIOD OF ONE YEAR PER THE DETAILS.
17. ALL EXISTING TREES SHALL BE SAVED AND PROTECTED (TRANSPLANTED IF NECESSARY), UNLESS OTHERWISE NOTED.



1 EVERGREEN TREE PLANTING DETAIL
NO SCALE



2 DECIDUOUS TREE PLANTING DETAIL
NO SCALE



3 SHRUB PLANTING DETAIL
NO SCALE

DISCLAIMER:

1. THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.
2. PUBLICLY AVAILABLE DATA SOURCES HAVE NOT BEEN INDEPENDENTLY VERIFIED BY UINTAH ENGINEERING & LAND SURVEYING.

NOTE: SITE GRADING AND STORM WATER MANAGEMENT DESIGNED BY WESTWOOD PROFESSIONAL SERVICES, INC. ON 08/26/2021. SWMP BY WESTWOOD WAS APPROVED BY CITY OF AURORA ON 09/08/2021 (EDN 221287). UINTAH ENGINEERING & LAND SURVEYING ASSUMES NO RESPONSIBILITY FOR THE ACCURACY AND ADEQUACY OF THE DESIGN, DIMENSIONS, AND ELEVATIONS WHICH SHALL BE CONFIRMED AND CORRELATED AT THE JOB SITE. SURVEY BENCHMARK FROM SWMP BY WESTWOOD (EDN 221287) IS NOT FOUND IN AURORA SURVEY CONTROL MAP. THE CLOSEST SURVEY BENCHMARK FROM AURORA SURVEY CONTROL MAP IS SHOWN ON THIS SITE PLAN.

NOT FOR CONSTRUCTION

IRRIGATION PLAN ON SEPARATE SUBMITTAL

SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM. O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
LATITUDE: 39° 40' 54.83" N
LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS:	BY:	DATE:

RESPONSIBLE ENGINEER:

LANDSCAPING NOTES & DETAILS

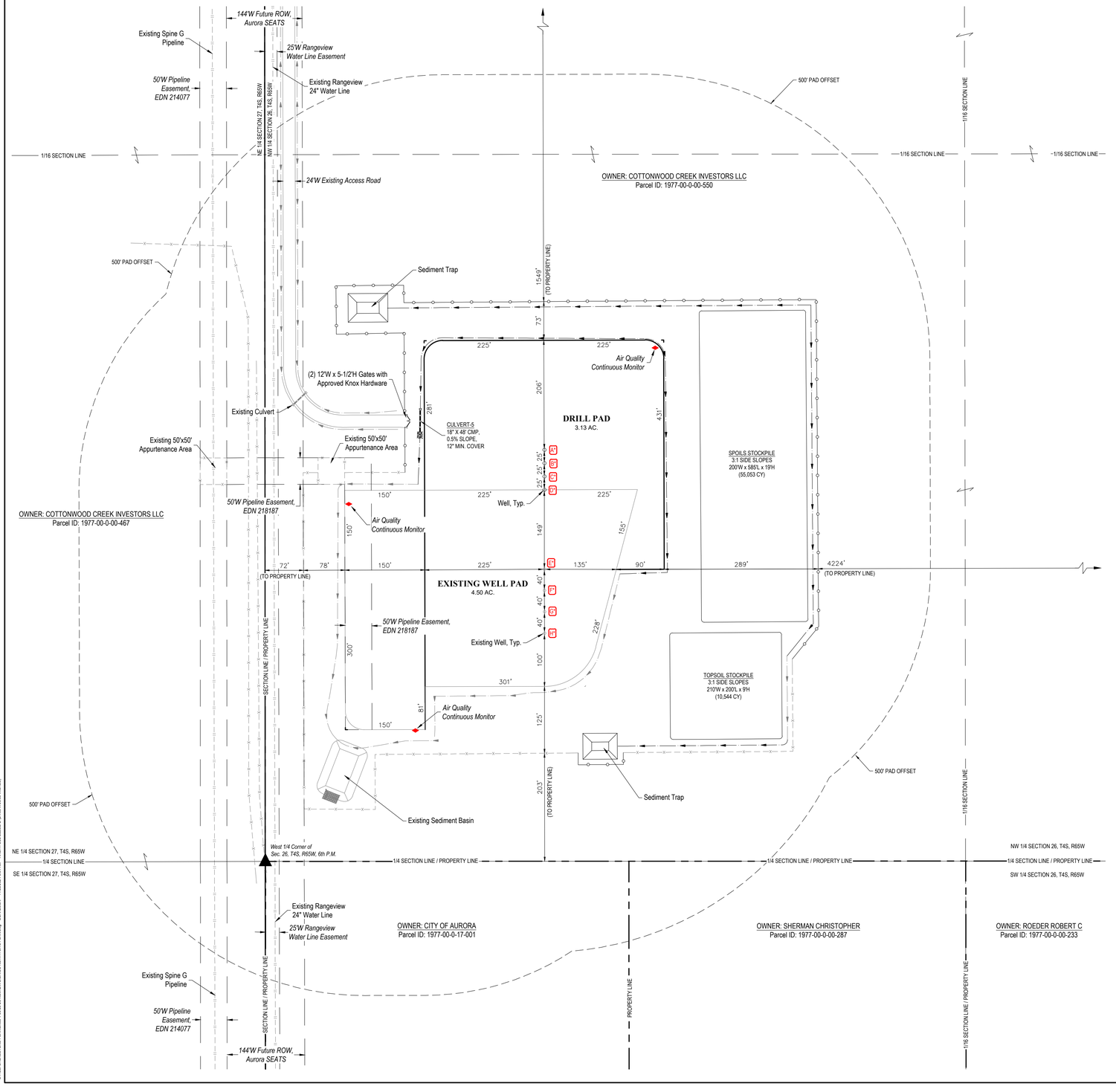
SCALE: NO SCALE
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
17

E:\FILE E:\CRESTONE PEAK\Chico 4-65 26-25 North\SVS\CHICO NORTH LANDSCAPING PLAN.dwg COMELSON 11/25/2024 8:54 AM ARCH FULL BLED D (36.00 X 24.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

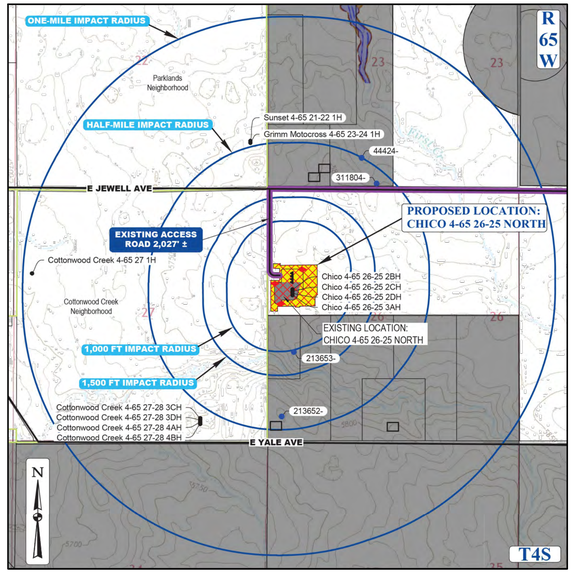
SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO



LEGEND

- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- r/w RIGHT-OF-WAY
- EX. EASEMENT
- EX. BURIED PIPELINE
- DIVERSION DITCH
- PROPOSED CULVERT
- RIP-RAP OUTLET PROTECTION
- SEDIMENT TRAP
- AIR QUALITY MONITORING SITE

- A1 GRIMM MOTOCROSS 4-65 23 1B2BUH
- B1 GRIMM MOTOCROSS 4-65 23 2A3AUH
- C1 GRIMM MOTOCROSS 4-65 23-24 3BH
- D1 GRIMM MOTOCROSS 4-65 23-24 4BH
- E1 CHICO 4-65 26-25 2BH
- F1 CHICO 4-65 26-25 2CH
- G1 CHICO 4-65 26-25 2DH
- H1 CHICO 4-65 26-25 3AH



CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

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N
100' 50' 0'
1" = 100'
SCALE

SURVEY BENCHMARK

COA ID: 4S6526NW002
DESCRIPTION: 3" DIAM. BRASS CAP STAMPED (CITY OF AURORA, BM, O-130, 27-70, 1981) ATOP A 30" LONG STL. PIPE IN CONC., S. SIDE OF E. JEWELL AVE. ACROSS FROM THE "WATKINS SPORTS RIDERS CLUB" ENTRANCE & 2 FT. E. OF FE. BRACE POST NEAR CORNER FOR SECS. 22,23,26,27, T4S,R65W AKA O-130.
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LONGITUDE: 104° 38' 27.07" W (NAD 83)
ELEV: 5780.81' (NAVD 88)
*DO NOT USE FOR PAD LOCATION.

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CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVI	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

ADJACENT VISIBLE IMPROVEMENTS & EASEMENTS

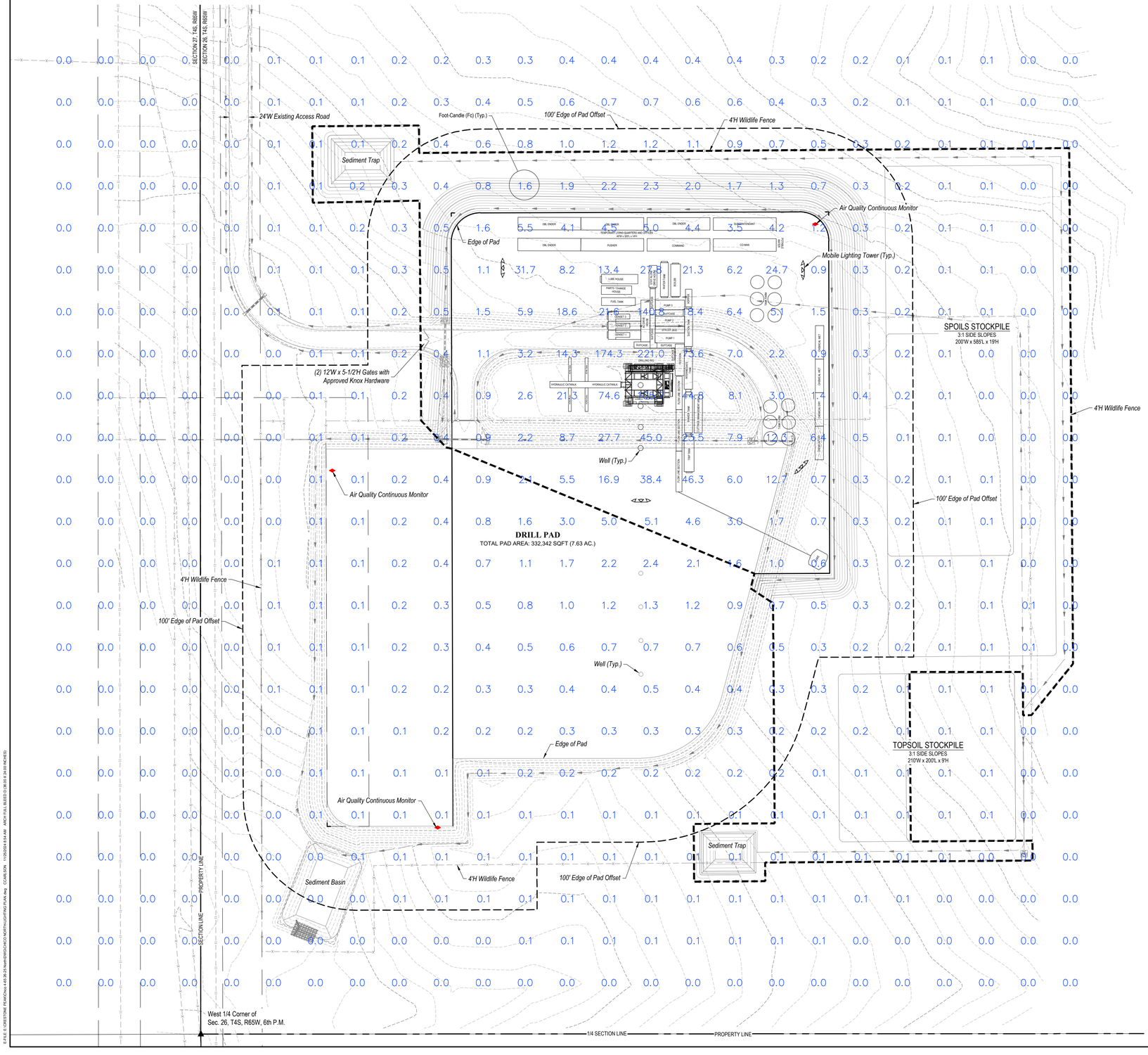
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

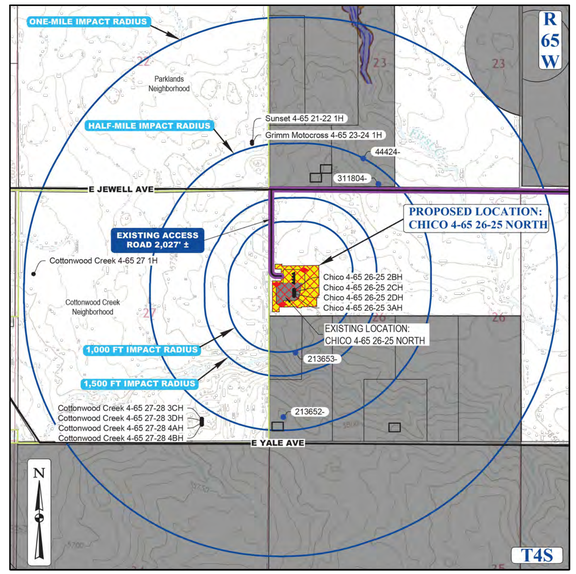
SHEET
18

E:\FILE E CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH SITE PLAN.dwg CCARLSON 11/20/2024 8:54 AM ARCH FULL BLEED D (24.00 X 36.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO





CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
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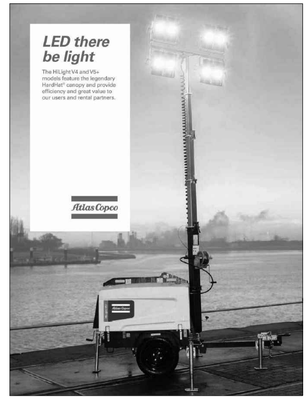
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN



TYPICAL MOBILE TEMPORARY LIGHTING TOWER

LIGHTING NOTES:

1. LIGHTING LEVELS SHOWN ON THIS PLAN INCLUDE STRUCTURE LIGHTING FROM THE DRILLING RIG.
2. MEASURED LIGHT INTENSITY LEVEL WITH RESPECT TO WORK AREAS, OUTDOOR SPACES, AND UNATTENDED EQUIPMENT AREAS. ILLUMINANCE UNITS IS GIVEN IN FOOT-CANDLE (Fc) (1 Fc = 10.8 Lux)
   MAXIMUM = 221.0 Fc
   MINIMUM = 0.0 Fc
3. DRILLING RIG LIGHTING WILL BE PRESENT ONLY DURING THE DRILLING PHASE.

N
60' 30' 0'
1" = 60'
SCALE

LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	BUG RATING	MOUNTING INFO	VOLTS	LAMP QUANTITY	LUMENS / LAMP	UNITS QUANTITY	LUMENS / UNIT	TOTAL LUMENS
◁▽▷	3 HEAD LED FLOOD LIGHT, MOBILE TELESCOPING LIGHTING TOWER	B3-U3-G5	25' TOWER	120	3	45,171	4	135,513	542,052
	RIG MOUNTED FLOODLIGHT	B5-U3-G2	RIG MOUNT	120	1	40,000	27	40,000	1,080,000
	RIG MOUNTED 4' LED	B2-U3-G1	RIG MOUNT	120	1	6,080	41	6,080	249,280
	RIG MOUNTED HALO LIGHTS MOUNTED ON DERRICK CROWN	B5-U5-G2	CROWN MOUNT	120	1	104,517	8	104,517	836,136

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CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS			
NO.	DATE	BY	

RESPONSIBLE ENGINEER:

DRILLING OPERATIONS PHOTOMETRIC LIGHTING PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ NO: CRE03-21-0006
UELS FILE NO.: C - 7 3 1 4

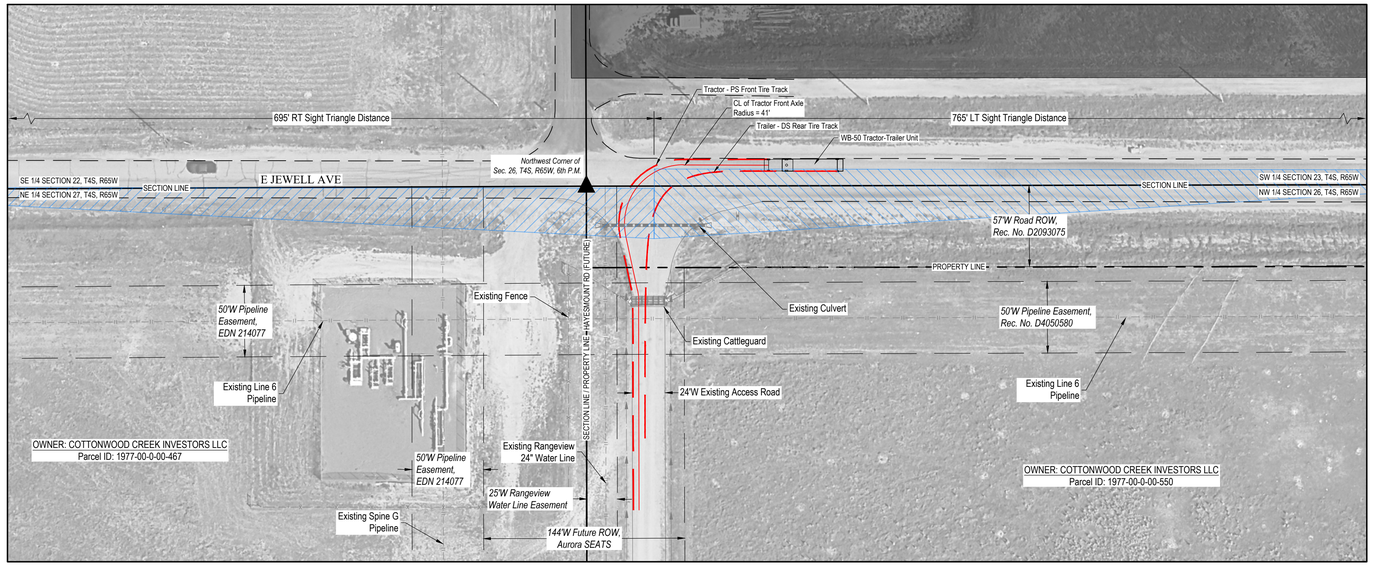
SHEET 19

E:\FILE E-CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH LIGHTING PLAN.dwg [CARLSON 11/25/2024 8:54 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)

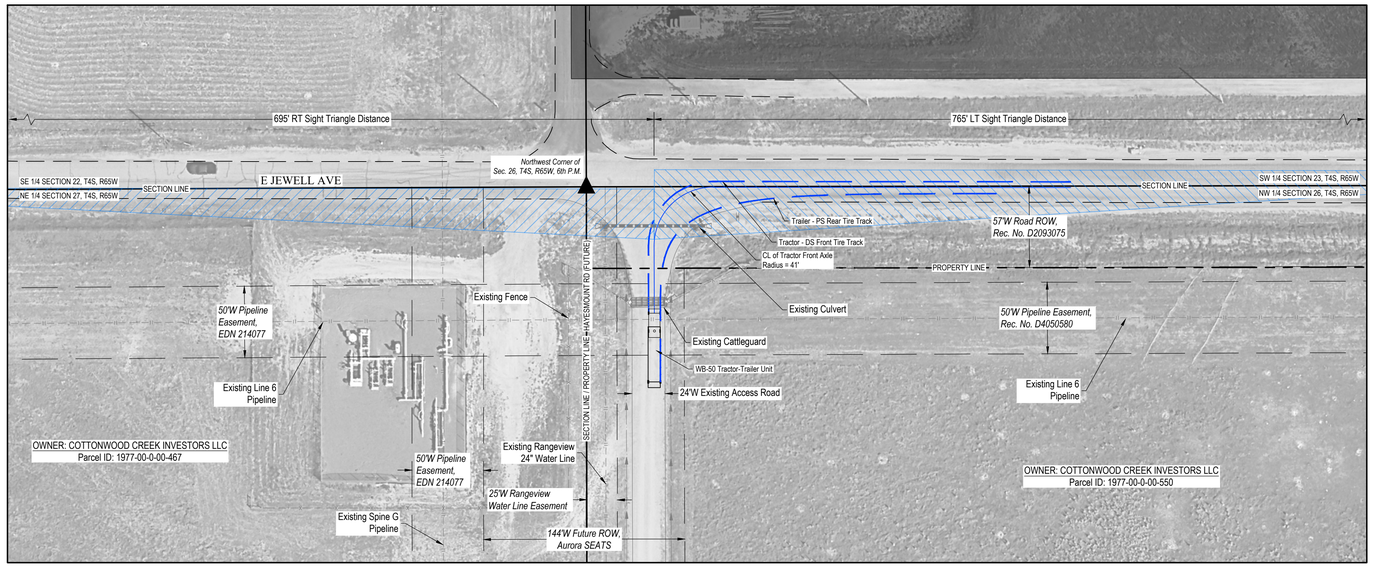
CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN

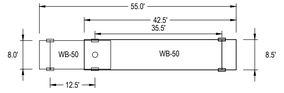
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO



1A LEFT TURN (WEST-SOUTH) - ACCESS RD. & JEWELL AVE.
SCALE:1" = 50'



1B RIGHT TURN (NORTH-EAST) - ACCESS RD. & JEWELL AVE.
SCALE:1" = 50'



WB-50 TRACTOR-TRAILER UNIT
NO SCALE

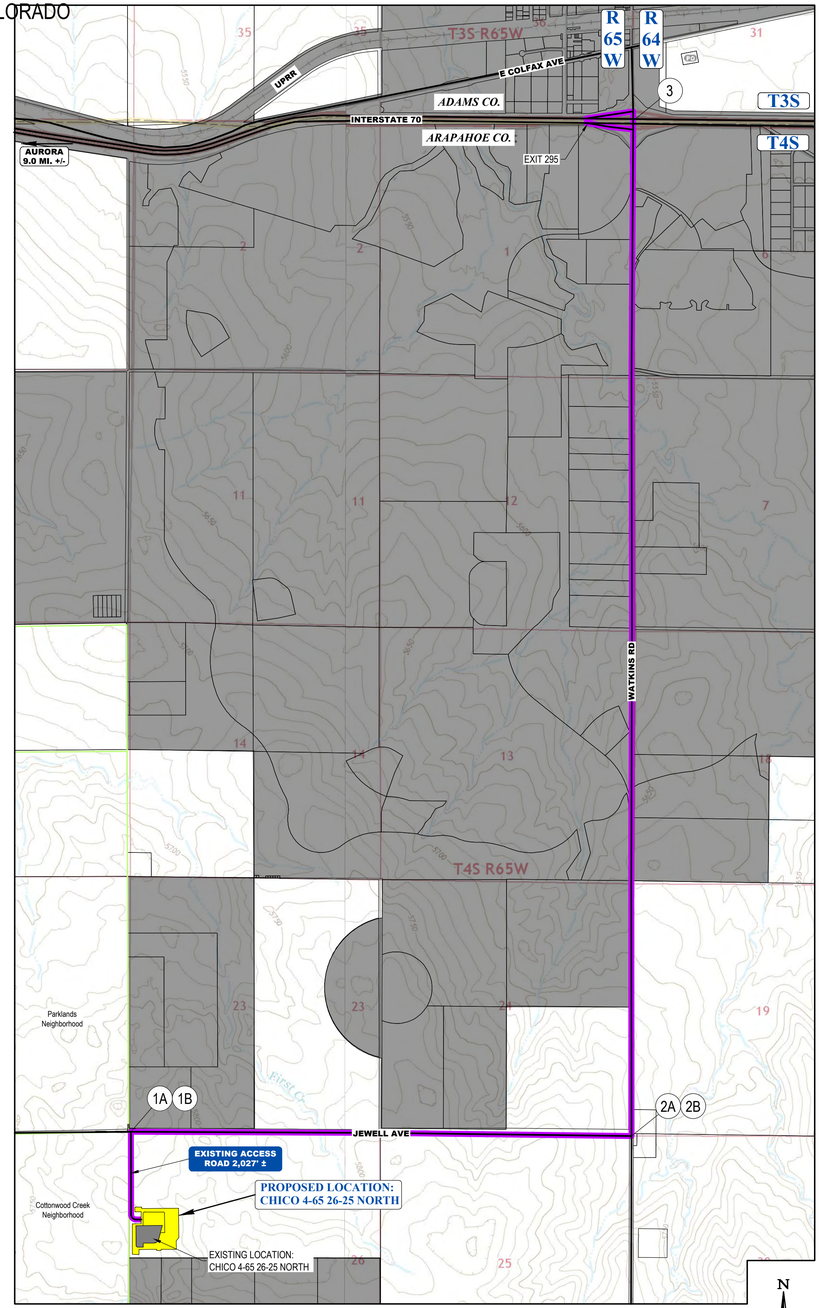
BEST MANAGEMENT PRACTICES:
1. CRESTONE PEAK RESOURCES OPERATING LLC WILL USE DELINEATED HAUL ROUTES TO MINIMIZE TRAFFIC AROUND DENSELY POPULATED AREAS AND MINIMIZE DAMAGE TO CITY ROADS.
2. ROAD MAINTENANCE AGREEMENT (RMA) IS BEING AMENDED TO INCLUDE ALL PORTIONS OF HAUL ROUTE AND IS CURRENTLY UNDER REVIEW WITH THE CITY. NO WORK WILL COMMENCE UNTIL RMA AMENDMENT IS FULLY EXECUTED AND EXISTING CONDITIONS ROADWAY SURVEY HAS BEEN COMPLETED AND ACCEPTED BY THE CITY.

NOTES:
1. DRAWINGS ARE NOT BASED ON A LAND SURVEY.
2. EXISTING ROAD IS BASED ON STANDARD LANE WIDTHS OF 12 FT, SCALED IMAGES FROM GOOGLE EARTH, AND/OR PLATS FROM RELATED PROJECTS.
3. EXISTING ROADSIDE FEATURES ARE BASED ON IMAGES FROM GOOGLE EARTH AND/OR PLATS FROM RELATED PROJECTS.
4. A LAND SURVEY WILL NEED TO BE PERFORMED TO FIELD VERIFY EXISTING ROAD CONDITION AND EXISTING ROADSIDE FEATURE LOCATIONS IN ORDER TO VERIFY THE TRUCK TRACKING ANALYSIS.

LEGEND:

	EXISTING UTILITY POLE
OHP OHP	EXISTING OVERHEAD POWER
F F	EXISTING FIBER OPTIC
T T	EXISTING TELEPHONE LINE
	PROPERTY LINE
	EASEMENT BOUNDARY
	CL OF FRONT AXLE - LEFT TURN
	TIRE TRACK - LEFT TURN
	CL OF FRONT AXLE - RIGHT TURN
	TIRE TRACK - RIGHT TURN
	EXISTING EDGE OF ASPHALT
	EXISTING EDGE OF ROAD
DW	RIGHT-OF-WAY
	SIGHT TRIANGLE

HAUL ROUTE MAP:
SCALE: 1" = 1,500'
IMAGE DATA SOURCE: GOOGLE EARTH
0' 750' 1,500'
1" = 1,500'
SCALE



LEGEND	
EXISTING ROAD	NEIGHBORHOOD BOUNDARY
PROPOSED ROAD	PARCEL BOUNDARY
HAUL ROUTE	MUNICIPAL BOUNDARY

N

0' 25' 50'
1" = 50'
SCALE

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CHICO 4-65 26-26 NORTH

SITE PLAN

CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REV	DATE	BY	REMARKS

RESPONSIBLE ENGINEER:

TRUCK TRACKING ANALYSIS

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
20

E:\FILE F\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH-TRUCK TRACKING.dwg CDAVIDSON 11/25/2024 8:59 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

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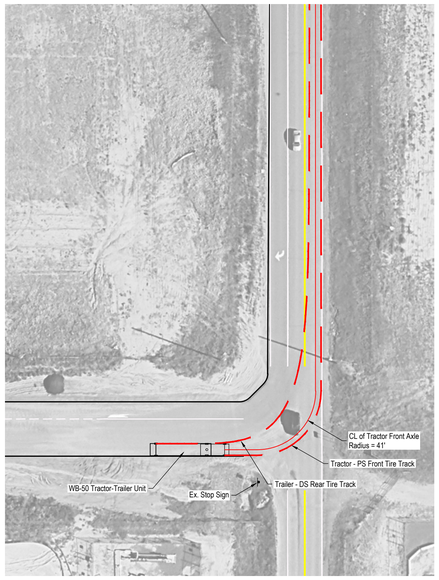
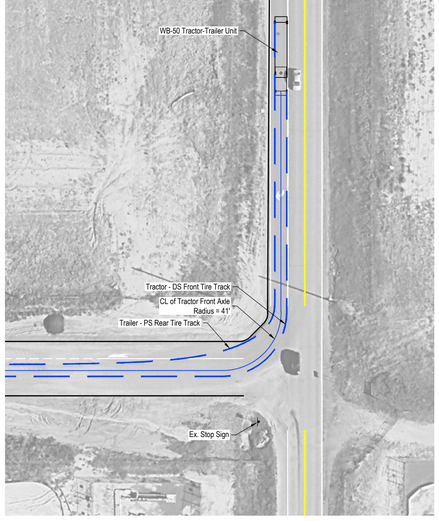
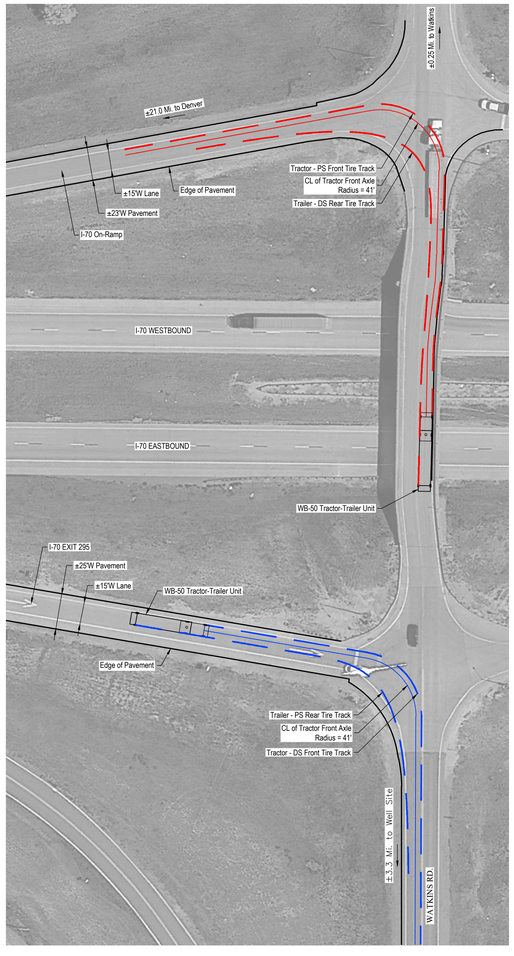


2A LEFT TURN (EAST-NORTH) - JEWELL AVE. & WATKINS RD.
SCALE:1" = 50'



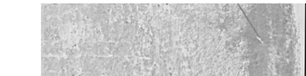
2B RIGHT TURN (SOUTH-WEST) - JEWELL AVE. & WATKINS RD.
SCALE:1" = 50'



3 TRUCK TRACKING ANALYSIS - I-70 & WATKINS RD.
SCALE:1" = 50'

LEGEND:

- EXISTING UTILITY POLE
- OHP — EXISTING OVERHEAD POWER
- F — EXISTNG FIBER OPTIC
- T — EXISTING TELEPHONE LINE
- PROPERTY LINE
- EASEMENT BOUNDARY
- CL OF FRONT AXLE - LEFT TURN
- TIRE TRACK - LEFT TURN
- CL OF FRONT AXLE - RIGHT TURN
- TIRE TRACK - RIGHT TURN
- EXISTING EDGE OF ASPHALT
- EXISTING EDGE OF ROAD
- r/w — RIGHT-OF-WAY
- SIGHT TRIANGLE



WB-50 TRACTOR-TRAILER UNIT
NO SCALE

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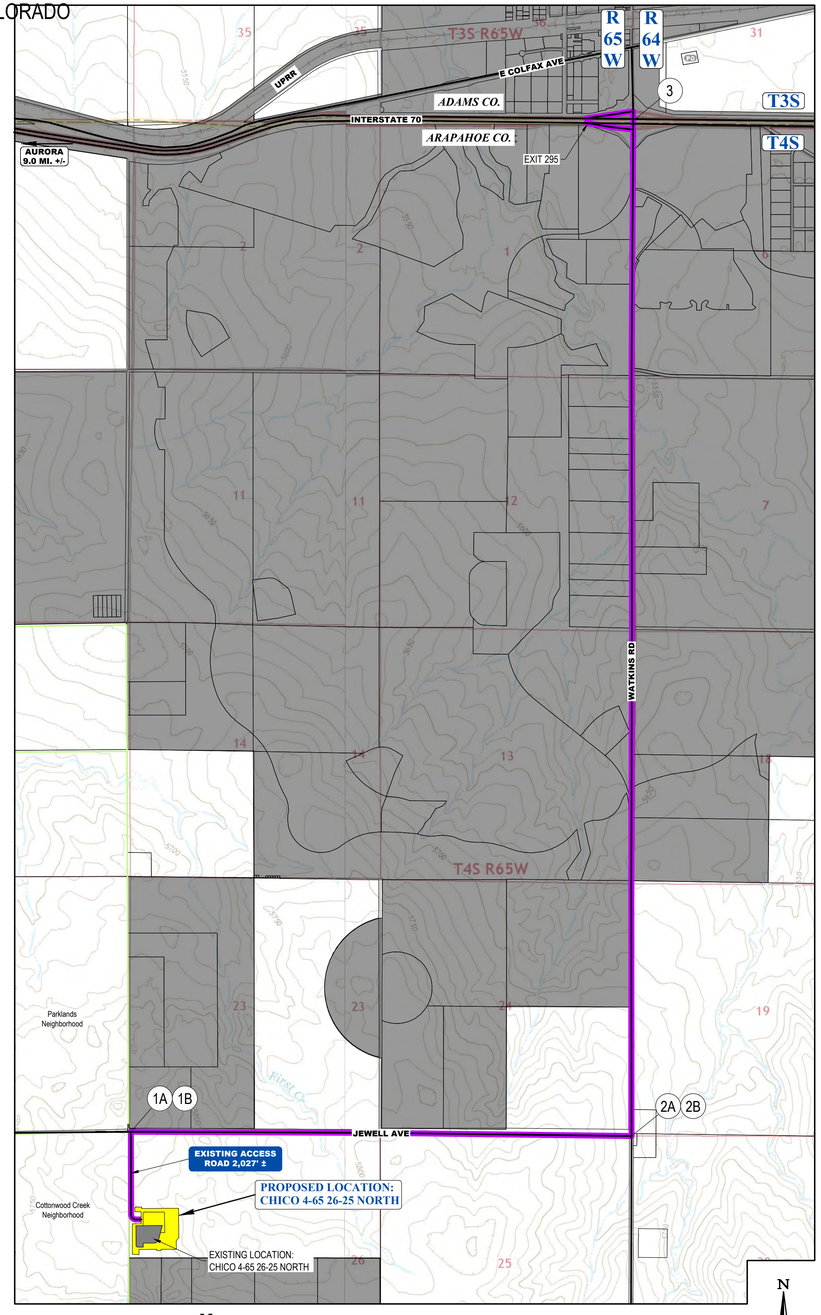
NOTES:

1. DRAWINGS ARE NOT BASED ON A LAND SURVEY.
2. EXISTING ROAD IS BASED ON STANDARD LANE WIDTHS OF 12 FT, SCALED IMAGES FROM GOOGLE EARTH, AND/OR PLATS FROM RELATED PROJECTS.
3. EXISTING ROADSIDE FEATURES ARE BASED ON IMAGES FROM GOOGLE EARTH AND/OR PLATS FROM RELATED PROJECTS.
4. A LAND SURVEY WILL NEED TO BE PERFORMED TO FIELD VERIFY EXISTING ROAD CONDITION AND EXISTING ROADSIDE FEATURE LOCATIONS IN ORDER TO VERIFY THE TRUCK TRACKING ANALYSIS.



HAUL ROUTE MAP:
SCALE: 1" = 1,500'
IMAGE DATA SOURCE: GOOGLE EARTH

0' 750' 1,500'
1" = 1,500'
SCALE

N

LEGEND

EXISTING ROAD	NEIGHBORHOOD BOUNDARY
PROPOSED ROAD	PARCEL BOUNDARY
HAUL ROUTE	MUNICIPAL BOUNDARY

N

0' 25' 50'
1" = 50'
SCALE

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987
UNCC
UTILITY NOTIFICATION CENTER OF COLORADO

UINTAH ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REV'I	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

TRUCK TRACKING ANALYSIS

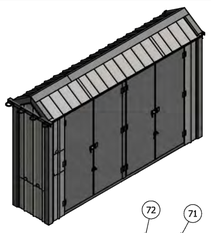
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

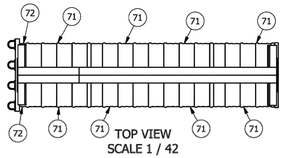
SHEET
21

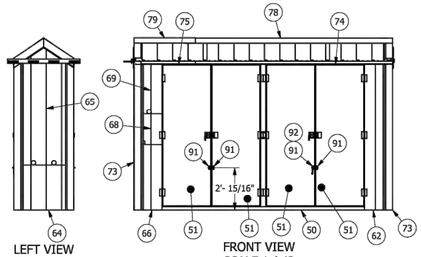
E:\FILE E\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH TRUCK TRACKING.dwg COARLSON 11/22/2024 8:53 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)

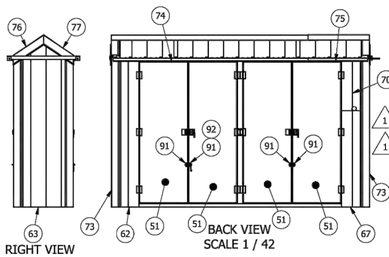
CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO









QTY-1
(B.O.M. IS FOR A QTY OF 1)

NOTES:
1. APPROX WEIGHT: 3,600 LBS

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION
50	1	ENCLOSURE: PER DETAIL
51	8	DOOR PANEL: 16GA X 28-1/2" X 83"
52	8	DOOR PANEL: 16GA X 27-1/2" X 83"
53	2	INTERIOR FLAT PANEL: 26GA X 13-1/4" X 86-15/16"
54	2	INTERIOR FLAT PANEL: 26GA X 28-15/16" X 93"
55	1	INTERIOR FLAT PANEL: 26GA X 28-15/16" X 86-15/16"
56	1	INTERIOR FLAT PANEL: 26GA X 13-1/4" X 45°
57	1	INTERIOR FLAT PANEL: 26GA X 13-1/4" X 23-1/2"
58	2	INTERIOR FLAT PANEL: 26GA X 13-1/4" X 30-1/2"
59	1	INTERIOR FLAT PANEL: 26GA X 13-1/4" X 62"
60	1	INTERIOR FLAT PANEL: 26GA X 28-15/16" X 32"
61	1	INTERIOR FLAT PANEL: 26GA X 28-15/16" X 60-1/2"
62	2	PANEL: 26 GA X 15-1/2" WIDE X 88-1/4" LONG, TUF RIB
63	1	PANEL: 26 GA X 33" WIDE X 99-1/4" LONG, TUF RIB
64	1	PANEL: 26 GA X 33" WIDE X 32" LONG, TUF RIB
65	1	PANEL: 26 GA X 33" WIDE X 72-11/16" LONG, TUF RIB
66	1	PANEL: 26 GA X 15-1/2" WIDE X 45° LONG, TUF RIB
67	1	PANEL: 26 GA X 15-1/2" WIDE X 62" LONG, TUF RIB
68	1	PANEL: 26 GA X 15-1/2" WIDE X 23-1/2" LONG, TUF RIB
69	1	PANEL: 26 GA X 15-1/2" WIDE X 31-3/4" LONG, TUF RIB
70	1	PANEL: 26 GA X 15-1/2" WIDE X 31-3/4" LONG, TUF RIB
71	8	PANEL: 26 GA X 36" WIDE X 22-1/8" LONG, TUF RIB
72	2	PANEL: 26 GA X 36" WIDE X 5-3/4" LONG, TUF RIB
73	4	OUTSIDE CORNER TRIM: 26GA X 88-1/4" LONG, TUF RIB
74	2	EAVE TRIM: 26 GA X 10'-2" LONG, STYLE D, TUF RIB
75	2	EAVE TRIM: 26 GA X 35" LONG, STYLE D, TUF RIB
76	2	RAKE TRIM: 26 GA X 24-1/2" LONG, X=4-1/4", TUF RIB
77	2	RAKE TRIM: 26 GA X 24-1/2" LONG, X=4-1/4", TUF RIB
78	1	RIDGE CAP: 26GA X 11" WIDE X 10'-2" LONG, 8:12 SLOPE, TUF RIB
79	1	RIDGE CAP: 26GA X 11" WIDE X 36" LONG, 8:12 SLOPE, TUF RIB
80	16	INSULATION: 2" X 38-3/4" X 24-5/8"
81	6	INSULATION: 2" X 11-3/8" X 41"
82	3	INSULATION: 2" X 28-3/4" X 41"
83	1	INSULATION: 2" X 11" X 28-3/4"
84	1	INSULATION: 2" X 28" X 28-3/4"
85	2	INSULATION: 2" X 11-3/8" X 15"
86	2	INSULATION: 2" X 11-3/8" X 24"
87	2	INSULATION: 2" X 28-3/4" X 33-7/8"
88	2	INSULATION: 2" X 28-3/4" X 36"
89	4	SLIDE BOLT LATCH: MCAMSTER-CARR 1769A4
90	8	DOOR STOP CHAIN WITH SPRING: MCMASTER-CARR 1472A12
91	12	TIE DOWN RING: MCMASTER-CARR 3076T35
92	6	SLIDE BOLT SNAP DOUBLE: MCMASTER-CAR 3901T24
93	4	CHAIN CONNECTING LINK: MCMASTER-CARR 8947T44
--		SCREW: STITCH, #14 X 7/8", SELF DRILL
--		SCREW: #12 X 1", SELF DRILL
--		FOAM OUTSIDE CLOSURE: FLAT IRON STEEL TUF RIB
--		FOAM INSIDE CLOSURE: FLAT IRON STEEL TUF RIB

REVISIONS

REV.	DESCRIPTION	BY	DATE
0	ISSUED FOR CONSTRUCTION	EE	6-3-19
1	UPDATED DOORS, REISSUED FOR CONSTRUCTION	EE	6-14-19

GENERAL TOLERANCES:
(UNLESS OTHERWISE SPECIFIED)
SINGLE PART FRACTIONAL: ±1/16"
FABRICATION FRACTIONAL STACK-UP:
0" - 48": ± 1/8"
48" - 96": ± 3/16"
OVER 96": ± 1/4"
ANGLES: ± 1/2°
WELD SIZES ARE MINIMUMS
DEBURR & BREAK SHARP EDGES

BLACKEAGLE FABRICATION, LLC
230 COMMERCE DRIVE, BERTHOUD CO, 80513
PHONE: (970) 532-0600 - FAX: (970) 532-4845

CONOCOPHILLIPS

DRAWING APPROVALS

	CLIENT	PROJECT MGR.	PROJECT ENG.	QUALITY CONTROL
APP'D BY:				
DATE				

QUAD WELL GAS LIFT SKID
ENCLOSURE DETAIL

DRAWN DATE:	JOBNOS #:	DRAWING #:	REV
6/3/2019	290163S1	290163 CS-102	1
DRAWN BY: E. ELLIS	ENGINEER:	SHEET 9 OF 11	

GAS METER/BUY BACK METER ELEVATION
SCALE: N.T.S.

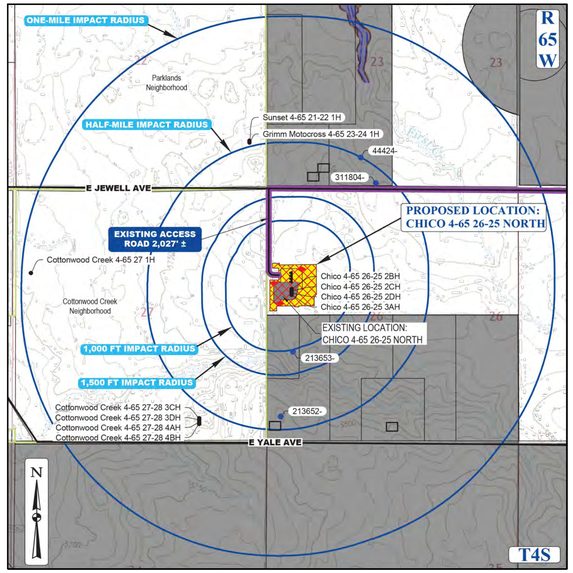
Drilling Equipment
Representative Dimension Table

Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter (ft)
Drilling Rig	1	80	75	170	-
Flare	1	20	20	13	-
Flowline Section	3	50	10	11	-
Shaker Tank	1	48	10	11	-
Cuttings Management Area	1	48	10	11	-
Suction Tank	1	48	12	11	-
Intermediate Tank	1	48	12	11	-
Trip Tank	1	48	12	11	-
Hopper	1	24	12	11	-
Water Tank	1	45	10	11	-
Boiler	1	45	10	11	-
Festoon	1	25	10	11	-
Suitcase	6	35	10	11	-
Pump	3	35	12	11	-
Spacer Skid	1	35	8	11	-
Stay Alone Drive House	1	30	10	11	-
AC Drive House	1	55	12	11	-
Gen Set	3	45	12	11	-
Fuel Tank	1	45	10	11	-
Parts / Change House	1	40	10	11	-
Lube House	1	50	12	11	-
Chemical Dry	2	40	10	10	-
Chemical Wet	2	40	10	10	-
Temp Living Qtrs & Offices	1	320	40	14	-
Potable Water Tank	1	20	5	11	-
Tank Farm	2	-	-	32	16

Production Equipment
Representative Dimension Table

Equipment	Quantity	Length (ft/in)	Width (ft/in)	Height (ft/in)
Separator	8	35	8	18
Bulk Treater	2	35	8	18
Gas Lift Compressor	2	39	29	21
Gas Lift Compressor VFDS	1	12	10	10
Gas Lift Meter Bldg	1	16	7	9
HP Knockout	1	9	4	10
LP Knockout	1	9	4	10
Instrument Air Skid	1	22	10	12
Electrical Rack	1	25	4	6
VRU	8	15	7	8
VRT	1	4	4	37
500 bbl Low-Profile Oil Tank	4	16	16	16
500 bbl Low-Profile Water Tank	2	16	16	16
Recycle Pump	1	3	2	5
LACT	2	18	11	11
Sales Gas Scrubber	1	4	4	10
Pipe Rack	6	25	7	6
Fuel Gas Scrubber	1	7	7	10
Blowers	2	6	2	5
Flash Gas Scrubber	1	7	6	10
LP Gas Scrubber	1	7	6	10
Maintenance Vessel	1	23	6	12
ECD	2	10	10	25
Crank Case Pump	1	1	1	2
Crank Case Knock Out	1	1	2	3

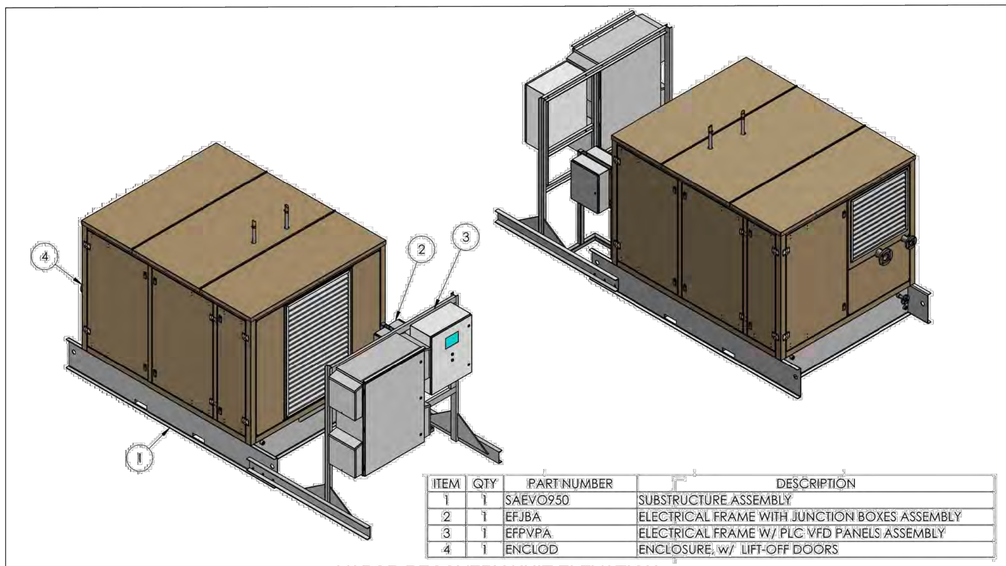
NOTES:
CRESTONE PEAK RESOURCES OPERATING LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 8 CCR 1302-14 REGARDING PLACARDING AND CERTIFICATION OF NON-RESIDENTIAL MODULAR OR FACTORY-BUILT STRUCTURES.



CONTEXT MAP
SCALE: 1" = 1,500'

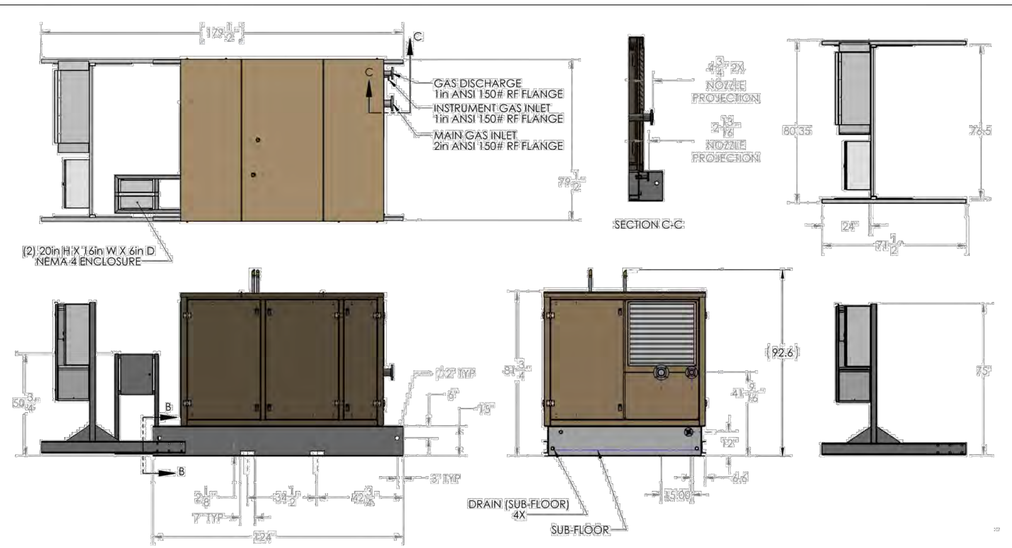
LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN



ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	SAEVO950	SUBSTRUCTURE ASSEMBLY
2	1	EFJBA	ELECTRICAL FRAME WITH JUNCTION BOXES ASSEMBLY
3	1	EFPVPA	ELECTRICAL FRAME W/ PLC VFD PANELS ASSEMBLY
4	1	ENCLOD	ENCLOSURE, w/ LIFT-OFF DOORS

VAPOR RECOVERY UNIT ELEVATION
SCALE: N.T.S.



VAPOR RECOVERY UNIT ELEVATION
SCALE: N.T.S.

UINTAH ENGINEERING & LAND SURVEYING
CIVIL AND STRUCTURAL ENGINEERING AND LAND SURVEYING SERVICES
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O: 435.789.1017
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- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS			
REV.	DESCRIPTION	BY	DATE

RESPONSIBLE ENGINEER:

EQUIPMENT ELEVATION SHEET

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
22

E:\FILE FOLDERS\CRESTONE PEAK\Chico 4-65 26-25 North\ENGINEERING\CHICO NORTH ELEVATION SHEETS.dwg C.CARLSON 11/25/2024 8:55 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)

CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

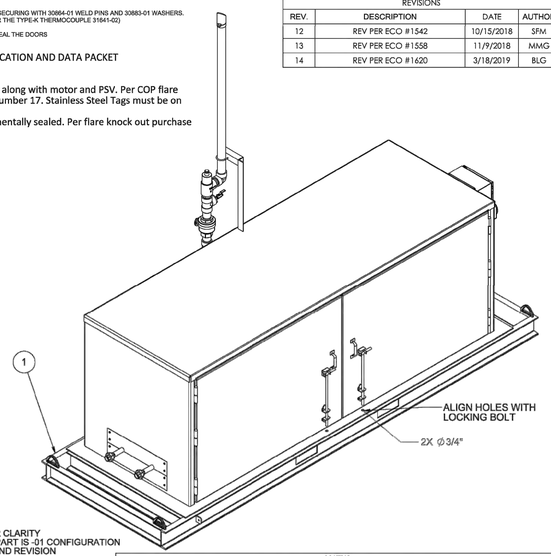
ITEM	QTY.	PART NO	CONFIG NO	DESCRIPTION	COO
1	1	11054	01	VESSEL/SKIDS WDMT L40-0059	X
2	1	12346	01	ELECTRICAL KIT L40-0059-000	
3	1	12396	01	HOUSE WDMT L40-0059	
4	1	20001	11	ANGLE 1 X 1 X 1/8 X 8	
5	1	20006	04	ANGLE 2 X 2 X 1/4 X 9	
6	2	20006	27	ANGLE 2 X 2 X 1/4 X 37	
7	3	20006	32	ANGLE 2 X 2 X 1/4 X 12	
8	1	20006	38	ANGLE 2 X 2 X 1/4 X 24	
9	2	20006	82	ANGLE 2 X 2 X 1/4 X 8	
10	1	20229	23	PIPE TXP SB0 2 X 53	X
11	1	20240	06	PIPE TXT SB0 1 X 22-1/2	X
12	1	20240	27	PIPE TXT SB0 1 X 22	X
13	1	20241	08	PIPE TXT SB0 2 X 17	X
14	1	20241	79	PIPE TXT SB0 2 X 9-1/2	X
15	1	20332	01	SIGHT GLASS CAGE 12	
16	1	21182	02	PUMP SHIELD 7-1/2	
17	1	21183	01	KEYSTOCK SQ 1/4 X 1	
18	3	21221	13	UNISTRUT SQ 12 GA X 1-5/8 ZINC X 12	
19	4	21844	01	PANEL 14 GA X 18 X 8	
20	2	21845	01	PANEL 14 GA X 24 X 5	
21	1	23394	01	BAR FLAT 12 X 6-1/2 X 8 + 4 HOLES	
22	1	23395	01	CHANNEL C12 X 30# X 24 P/UP	
23	2	30058	01	BUSHING PIPE FS 6M 2 X 1	X
24	1	30058	03	BUSHING PIPE FS 6M 2 X 1/4	X
25	1	30058	05	BUSHING PIPE FS 6M 2 X 1-1/4	X
26	1	30081	05	CAP WEATHER VINYL 2	
27	4	30084	02	CAPSCREW GR5 1/2-13 X 1-1/2	
28	4	30084	05	CAPSCREW GR5 1/2-13 X 2	
29	8	30085	04	CAPSCREW GR5 1/4-20 X 1-1/4	
30	4	30088	05	CAPSCREW GR5 3/8-16 X 2	
31	6	30158	01	ELBOW PIPE FS 90D 2M SE 1	X
32	7	30158	07	ELBOW PIPE FS 90D 2M SE 2	X
33	1	30244	02	ROPER PUMP 1MM12	
34	1	30245	02	BALDOR ELECTRIC MOTOR 2 HP	
35	2	30248	01	VLV BALL BALON 1F-562-SE 1000	
36	1	17-29016		CONNECTOR LOVEJOY L150 7/8 X 1 + SPIDER	
37	1	30347	01	GLASS SIGHT REDLINE 5/8 X 14-3/4 500#	
38	1	30448	02	NIP PIPE S80 1/4 X 2 SA106B	X
39	2	30450	02	NIP PIPE S80 1/2 X 2 SA106B	X
40	3	30452	03	NIP PIPE S80 1 X 3-1/2 SA106B	X
41	1	30452	06	NIP PIPE S80 1 X 4 SA106B	X
42	2	30452	08	NIP PIPE S80 1 X 5 SA106B	X
43	2	30452	11	NIP PIPE S80 1 X 7 SA106B	X
44	1	30452	12	NIP PIPE S80 1 X 8 SA106B	X
45	1	30453	01	NIP PIPE S80 1-1/4 X 4 SA 106B	X
46	4	30455	01	NIP PIPE S80 2 X 3-1/2 SA106B	X
47	1	30455	03	NIP PIPE S80 2 X 3-1/2 SA106B	X
48	2	30455	04	NIP PIPE S80 2 X 4 SA106B	X
49	1	30455	05	NIP PIPE S80 2 X 4-1/2 SA106B	X
50	1	30455	08	NIP PIPE S80 3 X 6 SA106B	X
51	1	30463	05	Swage, Nipple, 1-1/4 IN X 1 IN, XH, THD, SA-106B	X
52	8	30471	01	NUT HEX GR5 PLTD 1/2-13	
53	8	30471	02	NUT HEX GR5 PLTD 1/4-20	
54	4	30471	07	NUT HEX GR5 PLTD 3/8-16	
55	2	30841	01	PLUG PIPE FS 6M HH 1	X
56	1	30541	03	PLUG PIPE FS 6M HH 1/4	X
57	27 FT	30894	04	RUBBER STRIP 180X1/2 SELF-ADHESIVE	
58	20	30898	01	SCREW #8X1/2 S/DRL	
59	1	30731	07	TEE PIPE FS 2M SE 2	X
60	1	30754	01	UBOLT 1 PIPE 1/4-20 1-1/2 IS	
61	2	30754	05	UBOLT 2 PIPE 5/16-18 2-1/2 IS	
62	3	30757	01	UNION PIPE HEX FS 3M EE 1	X
63	2	30757	02	UNION PIPE HEX FS 3M SE 1/2	X
64	1	30757	07	UNION PIPE HEX FS 3M SE 2	X
65	1	30775	05	VLV CHECK SWING 1Y 1M GI SE 1	
66	1	30777	01	GAUGE COCK 1/2 NPT 5/8 X 500 PSI	
67	2	30789	02	VLV NEEDLE 1/2 6000 MXF	
68	1	30793	02	VLV PR 2 X 2 125 H	
69	8	30799	02	WSHR FLAT 1/2 GR 5 PLTD	
70	8	30799	03	WSHR FLAT 1/4 GR 5 PLTD	
71	2	30829	05	VLV BALL BALON 2F-562-SE 1000	
72	1	30834	03	VLV BALL CS 6E 2000 1/4	
73	90	30854	01	PIN CD SS 12GA X 3	
74	180	30883	01	WSHR RD 12GA X 1-1/2 SS WASS028-877	
75	5	31188	01	INSULATION ENERGY SHIELD 3/4X4'X8'	
76	20'	31377	01	WIRE 16AWG 600V 2PR CLX 561-60-3402	
77	2	31748	01	CNTRL LVL LIQUIPHANT M FTL51-5WRE1/0	
78	2 GAL	31812	03	ENVIROLASTIC IHG GTW CAHILSBAD CANYON	
79	1	31842	01	HEATER NORSEMAN XB2-4200-T2D-73-T	

RIGOUT NOTES:
1. USE 31188-01 INSULATION ON THE INSIDE OF ENCLOSURE, SECURING WITH 30864-01 WELD PINS AND 30883-01 WASHERS.
2. USE 31377-01 CLX FOR WIRING CONNECTIONS (EXCEPT FOR THE TYPE-K THERMOCOUPLE 31641-02)
3. SUPPORT THE CLX WIRING EVERY 18" TO 24"
4. USE 30594-04 RUBBER STRIP AS WEATHER STRIPPING TO SEAL THE DOORS
5. ALL INSTRUMENTS TO HAVE STAINLESS STEEL TAGS

Per FLARE KNOCK OUT SKID PURCHASE SPECIFICATION AND DATA PACKET (NIO-S6010-00-450-0003)

1. Wiring cables missing stainless steel tags along with motor and PSV. Per COP flare knock out purchase specification. Section 5.6 number 17. Stainless Steel Tags must be on all instruments and CLX cables..
2. Cable wall penetrations need to be environmentally sealed. Per flare knock out purchase specification. Section 5.6 number 12.

REVISIONS			
REV.	DESCRIPTION	DATE	AUTHOR
12	REV PER ECO #1542	10/15/2018	SFM
13	REV PER ECO #1558	11/9/2018	MMG
14	REV PER ECO #1620	3/18/2019	BLG



5. COMPONENTS IN DETAIL VIEWS HIDDEN FOR CLARITY
4. IF NO CONFIGURATION TABLE IS PRESENT, PART IS -01 CONFIGURATION
3. CLEARLY MARK PART WITH PART NUMBER AND REVISION
2. DEBUR AND BREAK ALL SHARP EDGES
1. DRAWING IS PRODUCED IN ACCORDANCE WITH ANSI Y14.5-2009

ASSEMBLY FABRICATION NOTES:

ISSUED FOR CONSTRUCTION
DATE
JOB #

TRIPOINT
BRIGHTON 12555 WCR 82 BRIGHTON, CO 80601 PHONE: (303)659-6001
LOVELAND 5100 BOYD LAKE AVE LOVELAND, CO 80538 PHONE: (970)635-0100

COATING							
	MANUFACTURER	PRODUCT	APPLICATION	THICKNESS	MASKING	SURFACE PREP	CURE TIME
EXTERNAL	SHERWIN-WILLIAMS	ENVIROLASTIC IHG SEMI-GLOSS CANYON	AIRLESS SPRAY	9-13 WET MILS (TOTAL)	COVER ALL SURFACES INSIDE OF HOUSE	SSPC-SP6	SEE SPEC SHEET

WEIGHT: 1657.44 lbs

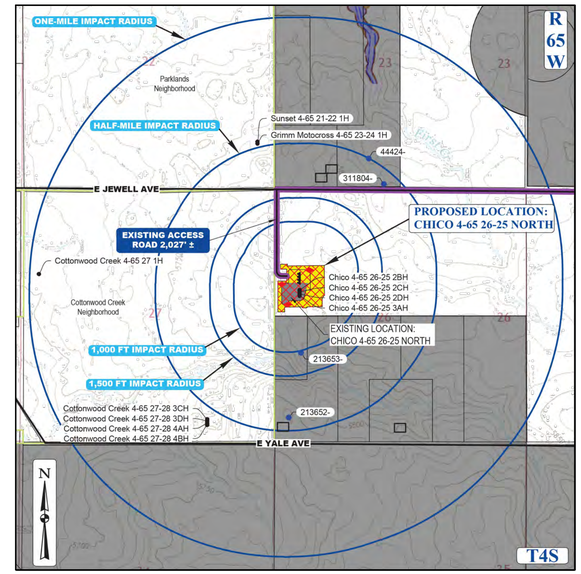
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ± 1/16
ANGULAR: ± 1°
TWO PLACE DECIMAL ±0.01
THREE PLACE DECIMAL ±0.005

TITLE: LKO HORIZ 24 X 6'-6 X 125 + HOUSE

DRAWN	JMB	04/20/14
ENG APPR.	JB	03/05/18
MFG APPR.	RG	03/07/18
Q.A.	JG	03/06/18

DRAWING NUMBER: L40-0059-000 REV 14

ASSEMBLY | SHEET 1 OF 5



CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND

PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD
OCCUPIED STRUCTURE/RESIDENCE	PROPOSED ROAD
MUNICIPAL BOUNDARY	HAUL ROUTE
LIMITS OF SITE DISTURBANCE	PARCEL BOUNDARY
PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2024	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

NOTES:
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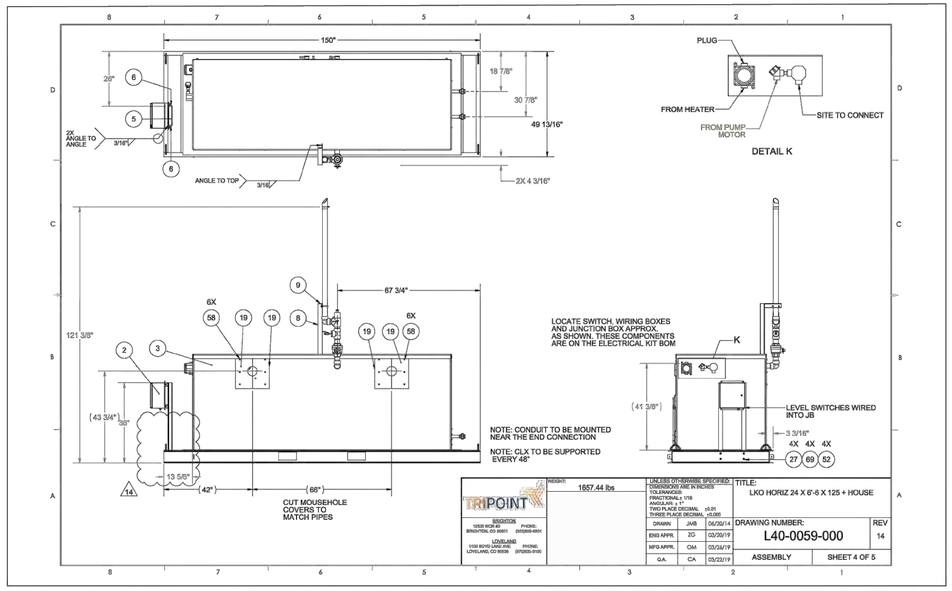
COMBUSTOR KNOCK OUT (KO) ELEVATION
SCALE: N.T.S.



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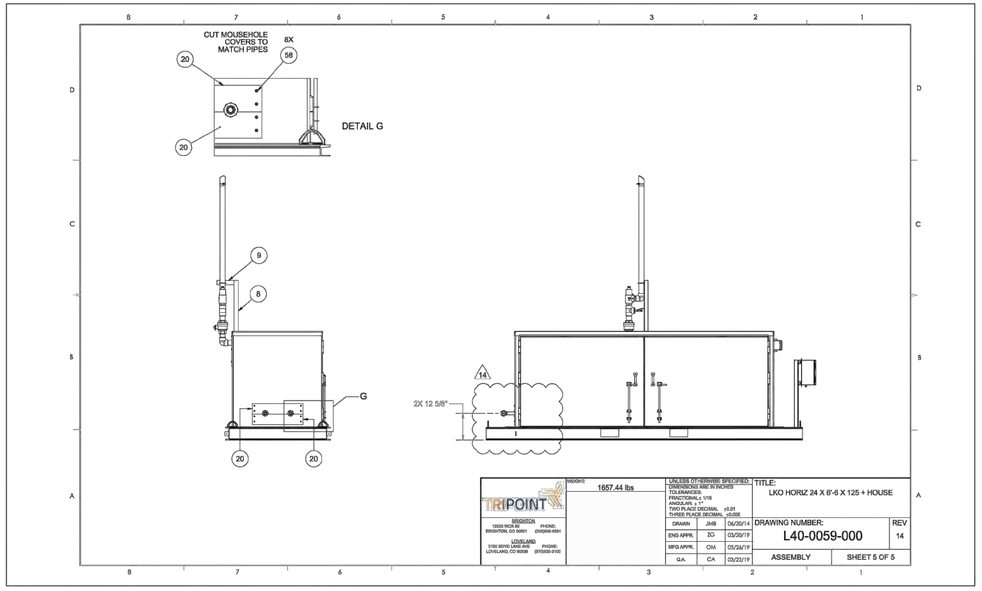

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- SINCE 1964 -

CHICO 4-65 26-26 NORTH
SITE PLAN
CRESTONE PEAK RESOURCES OPERATING LLC
SW 1/4 NW 1/4 SECTION 26, T4S, R65W, 6TH P.M.
CITY OF AURORA, ARAPAHOE COUNTY, COLORADO

REVISIONS			
REV.	DESCRIPTION	DATE	AUTHOR

RESPONSIBLE ENGINEER:

EQUIPMENT ELEVATION SHEET

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
23

E:\FILE E:\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH ELEVATION SHEET5.dwg COARLSON 11/20/2020 8:55 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)

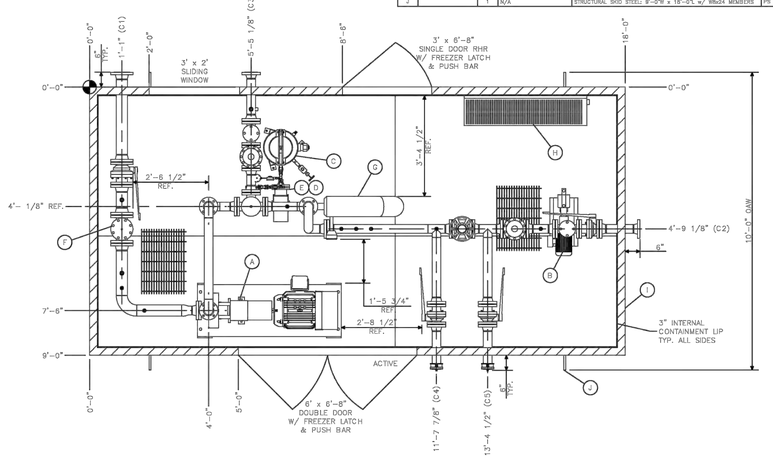
CHICO 4-65 26-25 NORTH OIL & GAS PERMIT
(GRIMM MOTOCROSS 4-65 23 1B2BUH, 2A3AUH, GRIMM MOTOCROSS 4-65 23-24 3BH, 4BH)

SW 1/4 NW 1/4 SECTION 26, TOWNSHIP 4 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
29860 E. JEWELL AVE., CITY OF AURORA, COUNTY OF ARAPAHOE, STATE OF COLORADO

SWO # LOG	REV
SWO#1 - 545ss028-0001 (QTY 1)	REV
SWO#2 - 545ss028-0002 (QTY 1)	REV
SWO#3 - 545ss028-0003 (QTY 1)	REV
SWO#4 - 545ss028-0004 (QTY 1)	REV
SWO#5	

LEGEND

ITEM	TAG#	QTY	ERP NUMBER	DESCRIPTION	VENDOR	STOCK NUMBER
A	P-1000	1	TBD	2K3x1.5-10MRV M3 S FFG, BARE PUMP	FLOWSERVE	2K3x1.5-10MRV
B	P-3000	1	LWDY_0000044	SUMP PUMP PCKG, 33201 W/ 3/4HP MOTOR	MOYNO	33201
C	V-2000	1	UPSIV-14-2-VST-30-A	VST; 14"OD, 2'-0"; S/S, 150#,	PS-ASME	14-2-VST-30-A
D	M-3000	1	LMTIL_000004	MOTOR; ELEC SSC 1/2 HP 1800 115/208/1/60	DYNTANM ELECTRICAL	SSC
E	P-2000	1	LFLO_000083	PMP; SMP 1.25X1X4 BLK IRON/VITON	FLOWSERVE	SMP 1.25x1x4
F	F-1000	1	TBD	STRN B; BSBS 4" 150# RF CS 11.168"#	TITAN	BSBS-CS
G	LM-1000	1	TBD	MTR CON; CMF300M55NA2BAEZZZZ, 3" 150#RF	EMERSON_MICRO-MOTION	CMF300
H	H-1000	1	SUPPLIED BY AE	HEATER; 3.6 kW 480/1	RUFFNECK	RADIANT STYLE
I		1	TBD	BUILDING FGL; LACT, 9'x18'x9'	PS	CON-LACT-BLDG-8
J		1	N/A	STRUCTURAL SKID STEEL; 9'-0"W x 18'-0"L w/ W8x24 MEMBERS	PS	CON-LACT-STL-8



CONNECTION SCHEDULE

(C1) 4" 150# RF, INLET
(C2) 3" 150# RF, OUTLET
(C3) 3" 150# RF, OVERT OUTLET
(C4) 3" CAMLOCK OUTLET TO PROVER
(C5) 3" CAMLOCK INLET FROM PROVER
(C6)
(C7)

GENERAL NOTES

1.) TOTAL PACKAGE WEIGHT APPROX. 4150 @ REV 0 LBS.
2.) INTERIOR BUILDING COLOR: WHITE
3.) EXTERIOR SKID AND BUILDING COLOR: TBD
4.) DECK PLATE COLOR: TBD
5.) PIPING COLOR: TBD
6.) INSULATION TO BE 3" SPRAY FOAM UNDER SKID, BUILDING TO BE R-13
7.) PAINT:
--VESSEL INTERIOR/N/A FT²
--VESSEL EXTERIOR/N/A FT²
--SKID: FT²
--PIPING: FT²
8.) ALL DOMESTIC VALVES & FITTINGS PER CONOCO AML

FOR APPROVAL
—NOT FOR CONSTRUCTION—
REVIEWED BY:
DATE:
[ ] REVISE AND RESUBMIT
[ ] APPROVED

REVISION HISTORY

REV	DATE	DESIGN	DESCRIPTION	CHECK	APPROV
A	5/14/2019	RR	FOR APPROVAL	CLC	RD

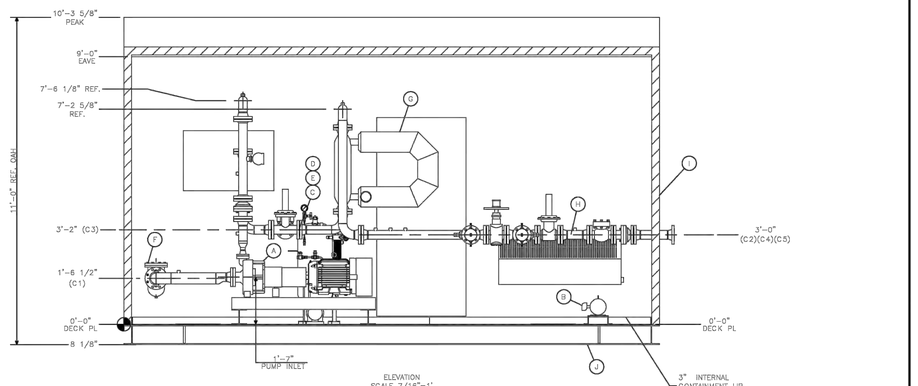
CON-LACT-PCO-8 | PROCESS DIAGRAM | REF. DRAWINGS | DES BY: RR | DRFT BY: CLC | APP'D BY: RD | ISSUED: 5/16/2019 | SIZE: ANSI B | SHEET: 1 of 3 | PROJECT NO.: 21E LOS | DWG. NO.: CON-LACT-Up-8 | REV: A

CUSTOMER: CONOCO PHILLIPS

GENERAL ARRANGEMENT

CRUDE OIL LACT PKG., RES35
COS: .81 SG, .5lbs/P, 5,000 BPD @ TBD PSIG
10'-0" OAW x 18'-6" OAL x 11'-0" OAH

LEASE AUTOMATIC CUSTODY TRANSFER (LACT) ELEVATION
SCALE: N.T.S.



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CON-LACT-PCO-8 | PROCESS DIAGRAM | REF. DRAWINGS | DES BY: RR | DRFT BY: CLC | APP'D BY: RD | ISSUED: 5/16/2019 | SIZE: ANSI B | SHEET: 2 of 3 | PROJECT NO.: 21E LOS | DWG. NO.: CON-LACT-Up-8 | REV: A

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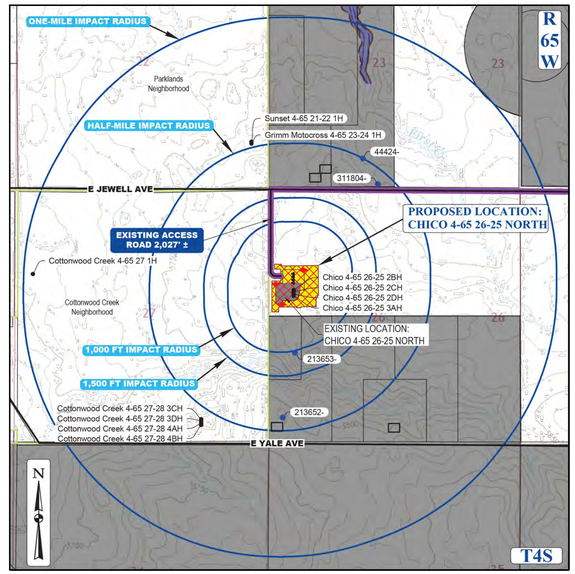

CONTEXT MAP
SCALE: 1" = 1,500'

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REVISIONS		
REV.	DATE	BY

RESPONSIBLE ENGINEER:

EQUIPMENT ELEVATION SHEET

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 11-14-2024
PROJ. NO: CRE03-21-0006
UELS FILE NO.:
C - 7 3 1 4

SHEET
24

E:\FILE: E:\CRESTONE PEAK\Chico 4-65 26-25 North\DWG\CHICO NORTH ELEVATION SHEETS.dwg CCARLSON 11/20/2024 8:55 AM ARCH FULL BLEED D (36.00 X 24.00 INCHES)