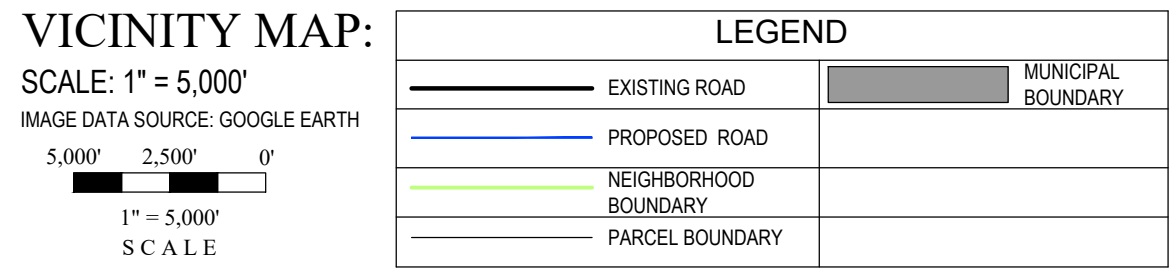


N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



N 1/2, SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN, ADAMS COUNTY, COLORADO

SITE PLAN NOTES:

1. ALL SIGNS MUST CONFORM TO THE CITY OF AURORA SIGN CODE.
2. THE APPROVAL OF THIS DOCUMENT DOES NOT CONSTITUTE FINAL APPROVAL OF GRADING, DRAINAGE, UTILITY, PUBLIC IMPROVEMENTS AND BUILDING PLANS. SWMP PLANS MUST BE REVIEWED, AND APPROVED BY THE CITY OF AURORA PUBLIC WORKS DEPARTMENT.
3. ALL UNDATED PARTS 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 OFFICE AT THE MUNICIPAL BUILDING. A COPY OF THE OFFICIAL CURRENT PLAN MAY BE PURCHASED THERE. LIKEWISE, SITE PLANS ARE REQUIRED TO AGREE WITH THE APPROVED SUBDIVISION PLAN 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 OF 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 CONSTRUCTION VEHICLES, INCLUDING CONSTRUCTION WORKERS' VEHICLES, SHALL ACCESS THE SITE FROM DESIGNATED HAUL ROUTES AND NOT THROUGH THE ADJACENT RESIDENTIAL NEIGHBORHOOD.
6. THE APPLICANT GMT EXPLORATION COMPANY, LLC, WILL ENTER INTO A ROAD MAINTENANCE AGREEMENT WITH THE CITY OF AURORA FOR USE OF EXISTING CITY ROADS ALONG THE HAUL ROUTE FOR THE INJVCTA 3-65-28 PROJECT.
7. 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 THE 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 WELL-SITE SO LONG AS THE OPERATOR IS IN COMPLIANCE WITH THE AURORA O&G MANUAL.
8. ALL UNDATED PARTS 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 OFFICE AT THE MUNICIPAL BUILDING. A COPY OF THE OFFICIAL CURRENT PLAN MAY BE PURCHASED THERE.
9. 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.

SHEET INDEX	
COVER SHEET	1
VICINITY MAP	2
EXISTING CONDITIONS SITE PLAN	3
DRILLING OPERATIONS SITE PLAN	4-5
ACCESS ROAD SITE PLAN	6-7
COMPLETION OPERATIONS SITE PLAN	8
PRODUCTION OPERATIONS SITE PLAN	9-10
INTERIM RECLAMATION SITE PLAN	11-12
ADJACENT VISIBLE IMPROVEMENTS & EASEMENTS	13
DRILLING OPERATIONS PHOTOMETRIC LIGHTING PLAN	14
TRUCK TRACKING ANALYSIS - HAUL ROUTE	15-16
EQUIPMENT ELEVATION SHEETS	17-20
LANDSCAPING PLAN	21-26



SURVEY BENCHMARK
COA ID: 356528SE001
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 30' LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
(PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE
HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.16759" N
LONGITUDE: 104° 39' 33.95273" W (NAD 83)
ELEV: 5584.96' (NAVD 88)
DO NOT USE FOR PAD LOCATION.

FOR ERP PAD LOCATION:
LATITUDE: 39° 45' 52.12"
LONGITUDE: -104° 40' 06.88" (NAD 83)

DATA BLOCK	
SIZE OF DISTURBED AREA DURING CONSTRUCTION IN ACRES	25.523 AC
SIZE OF LOCATION AFTER INTERIM RECLAMATION IN ACRES	10.301 AC
NUMBER OF WELLS	8
ZONING DESIGNATION	AD AIRPORT DISTRICT
MAXIMUM STRUCTURE HEIGHT (TEMPORARY)	142 FT
MAXIMUM STRUCTURE HEIGHT (PERMANENT)	47 FT



SCALE: 1" = 1,000'

LEGEND			
◀	PROPOSED OIL AND GAS WELL SITE	EXISTING ROAD	NEIGHBORHOOD BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2023	PROPOSED ROAD	PARCEL OUTLINE
○	PERMITTED WATER WELL PER COLORADO DIVISION OF WATER RESOURCES AUGUST, 2023	 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

PERMITTED WATER WELLS															
STATUS	RECEIPT	PERMIT	PERMIT STATUS	CONTACT NAME	COUNTY	TWN	RNG	SEC	Q40	Q160	LATITUDE	LONGITUDE	AQUIFER(S)	USE(S)	TD
ELIMINATED PER AURORA CODE - NO LONGER A DOMESTIC SOURCE	277389	148547-	PERMIT ISSUED	AURORA TECH CENTER HOLDINGS LLC (EVANS, ROBERT M.)	ADAMS	3S	65W	21	SW	SE	39.7771006	-104.666415	ALL UNNAMED AQUIFERS	DOMESTIC	960
ELIMINATED - ABANDONED BOREHOLE	24544	24544-MH	WELL ABANDONED	METRO WASTEWATER RECLAMATION DISTRICT	ADAMS	3S	65W	28	SE	NW	39.763601	-104.671190	ALL UNNAMED AQUIFERS	MONITORING SAMPLING	16

1. GMT EXPLORATION COMPANY, LLC SHALL COMPLY WITH THE WATER QUALITY MONITORING PROVISIONS DESCRIBED IN THE AURORA O&G MANUAL.
2. BASELINE AND SUBSEQUENT WATER QUALITY TESTING WILL BE PERFORMED IN ACCORDANCE WITH ECMC RULE.

ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (8500 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 PREMIUM ROAD BASE MATERIAL, 1.5" ANGULAR INCH ROAD ROCK, CRUSHED GRANITE OR OTHER EQUIVALENTS WITH LESS THAN 1% FINES. MINIMUM SIZE SHALL BE 3/4" AND ALL MATERIAL SHALL BE CLASS 6. A SAND SURFACE (CONCRETE OR GYPHALT) SHALL 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 UNOBTAINED PAD FOR EMERGENCY APPARATUS USE.

PROPOSED AIR QUALITY MONITORING STATIONS	LATITUDE (DD)	LONGITUDE (DD)
AQM 1 (PRE-PROD)	39.765497°	-104.667642°
AQM 1 (PRE-PROD)	39.764450°	-104.665958°
AQM 3 (PRE-PROD)	39.730353°	-104.668681°
AQM 4 (PRE-PROD)	39.765125°	-104.670372°
AQM 1 (PRODUCTION)	39.764983°	-104.669391°
AQM 2 (PRODUCTION)	39.737770°	-104.668585°
AQM 3 (PRODUCTION)	39.764692°	-104.668781°
AQM 4 (PRODUCTION)	39.764945°	-104.667938°

PROPOSED GROUND WATER QUALITY MONITORING WELLS	LATITUDE (DD)	LONGITUDE (DD)
GWQM WELL #1	39.764846°	-104.666921°
GWQM WELL #2	39.764823°	-104.666902°
GWQM WELL #3	39.764800°	-104.666882°
GWQM WELL #4	39.764777°	-104.666863°
GWQM WELL #5	39.764754°	-104.666843°

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 LOCATION SHALL BE PAINTED IN A TAN OR BROWN MATTE FINISH UNLESS A DIFFERENT COLOR IS NECESSARY FOR SAFETY OR REGULATION.
4. WEEDS: GMT EXPLORATION COMPANY, 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 AURORA O&G MANUAL 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, GMT EXPLORATION COMPANY, LLC SHALL REMEDIATE, RECONTOUR, RESEED AND RESTORE, AS NEAR AS REASONABLY POSSIBLE, ALL AREAS SO DISTURBED TO THE CONDITION WHICH EXISTED PRIOR TO CONSTRUCTION.
6. NOISE: GMT EXPLORATION COMPANY, LLC IS SEEKING AN EXEMPTION TO A NOISE MITIGATION PLAN DUE TO NO RESIDENTIAL STRUCTURES WITHIN A ONE MILE RADIUS OF THE WORKING PAD SURFACE.
7. IN ADDITION TO COMPLYING WITH ECMC RULE 805 IN REGARDS TO FUGITIVE DUST, GMT EXPLORATION COMPANY, 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. GMT EXPLORATION COMPANY, LLC SHALL MAINTAIN THE DUST FREE SURFACE AS PROVIDED WITHIN THE SITE PLAN, OTHERWISE IF GMT EXPLORATION COMPANY, 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, GMT EXPLORATION COMPANY, LLC AGREES TO REMOVE IT AND REPLACE IT WITH AN IMPROVED SURFACE SUCH AS CONCRETE OR ASPHALT WITHIN THE SPECIFIED TIME FRAME.
8. GMT EXPLORATION COMPANY, LLC SHALL COMPLY WITH ALL ECMC RULES AND REGULATIONS, AIR QUALITY CONTROL COMMISSION RULES, AND AURORA O&G MANUAL RULES REGARDING OIL AND GAS DEVELOPMENT. GMT EXPLORATION COMPANY, 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. GMT EXPLORATION COMPANY, LLC SHALL COMPLY WITH THE MORE PROTECTIVE OF THE BMPs CONTAINED IN THE AURORA O&G MANUAL OR APPLICABLE FEDERAL OR STATE REGULATION OVER OIL AND GAS.
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 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. THERE ARE NO EXISTING TREES ON THE PROPOSED INVICTA 3-65-28 OIL AND GAS LOCATION.
12. GMT EXPLORATION COMPANY, 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 THE AURORA O&G MANUAL.
13. GMT EXPLORATION COMPANY, LLC IS RESPONSIBLE FOR SIGNING AND STRIPING ALL PUBLIC STREETS. GMT EXPLORATION COMPANY, LLC IS REQUIRED TO PLACE TRAFFIC CONTROL, STREET NAME, AND GUIDE SIGNS ON ALL PUBLIC STREETS AND PRIVATE STREETS APPROACHING AN INTERSECTION WITHIN THE PUBLIC STREET. SIGNAGE SHALL BE INSTALLED PER THE MOST CURRENT EDITIONS OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND CITY STANDARDS, AND SHOWN ON THE SIGNING AND STRIPING PLAN FOR THE DEVELOPMENT.
14. EMERGENCY INGRESS AND EGRESS: (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 INVICTA 3-65-28 OIL & GAS WELL SITE.

CULTURAL FEATURE	DISTANCE FROM EDGE OF WORKING PAD SURFACE (FT)	CULTURAL FEATURE	DISTANCE FROM EDGE OF WORKING PAD SURFACE (FT)
BUILDING	SOUTH 5,280'+	CHILD CARE FACILITY	SOUTH 5,280'+
RESIDENTIAL BUILDING UNIT (RBU)	SOUTH 5,280'+	DISPROPORTIONATELY IMPACTED COMMUNITY (DIC)	SOUTH 5,280'+
HIGH OCCUPANCY BUILDING UNIT (HOBV)	SOUTH 5,280'+	RBU, HOBV, OR SCHOOL FACILITY WITHIN A DIC WITHIN 2,000-FT OF THE WORKING PAD SURFACE	NONE
DESIGNATED OUTDOOR ACTIVITY AREA	NW 5,280'+	NW1 - MAPPED INTERMITTENT STREAMBED	NW 2,273'±
PUBLIC ROAD (E. 38TH AVE.)	NORTH 1,089'±	NW1 - MAPPED INTERMITTENT STREAMBED	SW 1,486'±
ABOVE GROUND UTILITY	NORTH 1,276'±	NW1 - MAPPED INTERMITTENT STREAMBED	SE 793'±
RAILROAD	SW 5,280'+	DRY DRAINAGE	NE 512'±
PROPERTY LINE	WEST 619'±	WATER WELL	SW 640'±
SCHOOL FACILITY	SW 5,280'+		

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

CITY ATTORNEY: _____ DATE: _____

PLANNING DIRECTOR: _____ DATE: _____

PLANNING COMMISSION: _____ DATE: _____

CITY COUNCIL: _____ DATE: _____

ATTEST: _____ DATE: _____

DATABASE APPROVAL DATE: _____

RECORDER'S CERTIFICATE:



INVICTA 3-65-28

SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

[illegible]

RESPONSIBLE ENGINEER

COVER SHEET

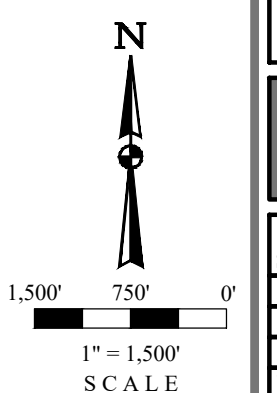
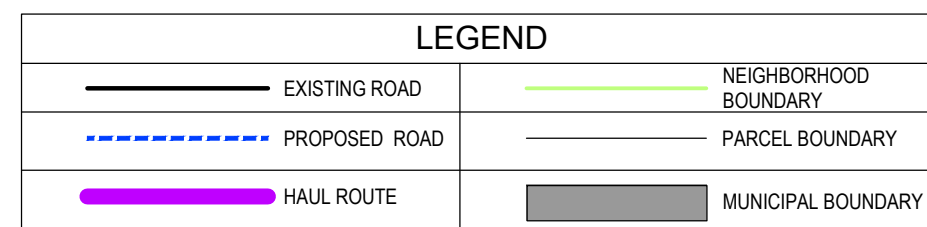
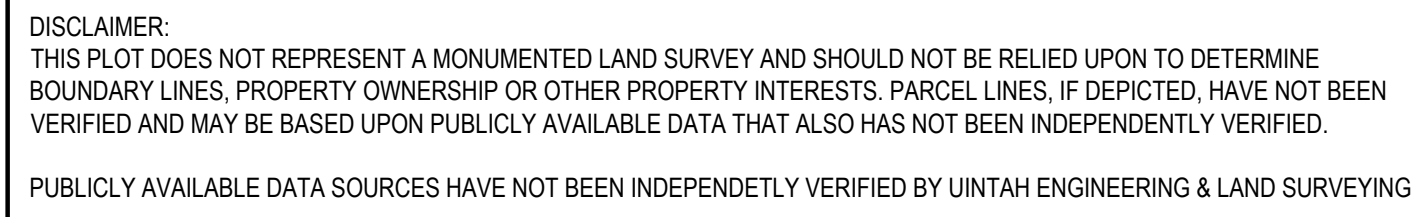
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DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
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SHEET

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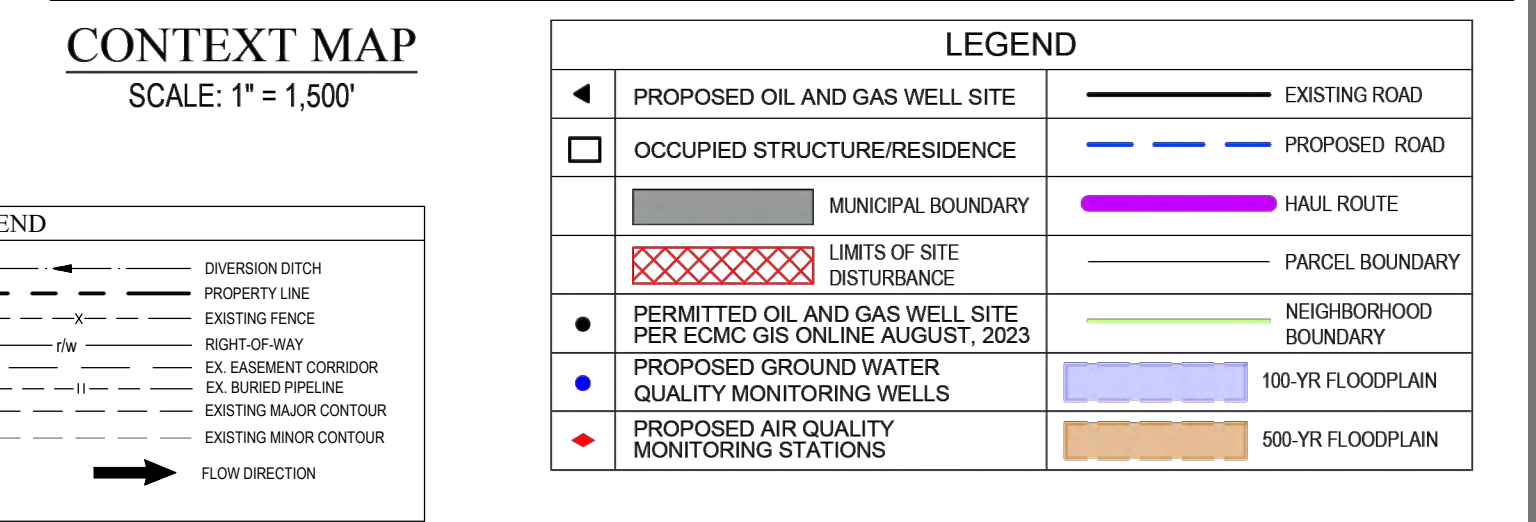
UNCCO
UTILITY NOTIFICATION
CENTER OF COLORADO

CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987

INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
 N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
 27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

The site plan illustrates the proposed well pad and associated infrastructure. Key features include:

- Proposed Well Pad:** A large rectangular area in the center, labeled "EX. GRADED PAD (by AECOM) 3:1 CUT/FILL SLOPES" and "FINISHED PAD GRADE". The pad subgrade elevation varies with a 1% slope.
- Topsoil Stockpiles:** Two rectangular areas, one at the top center and one at the bottom center, labeled "EX. TOPSOIL STOCKPILE (by AECOM)". Both have 3:1 side slopes. The top stockpile is 70'W x 1,585'L x 8'H (19,570 CY). The bottom stockpile is 50'W x 590'L x 8'H (5,520 CY).
- Access Roads:** A network of roads connecting the pad and stockpiles to the surrounding area, including a "100'W Graded Corridor (by AECOM)" on the left and a "200'W Multiple Pipeline Easement Corridor" at the bottom.
- Boundaries:** The site is bounded by the "SUA BOUNDARY" (dashed line) and the "1/4 SECTION LINE" (dashed line).
- Topography:** Contour lines are shown throughout the plan, indicating elevation changes.
- Other Features:** An "EX. OFFSITE DIVERSION DITCH (by AECOM)" is located at the bottom left, and an "EX. SEDIMENT BASIN P2-SB1 by AECOM" is located at the bottom right.




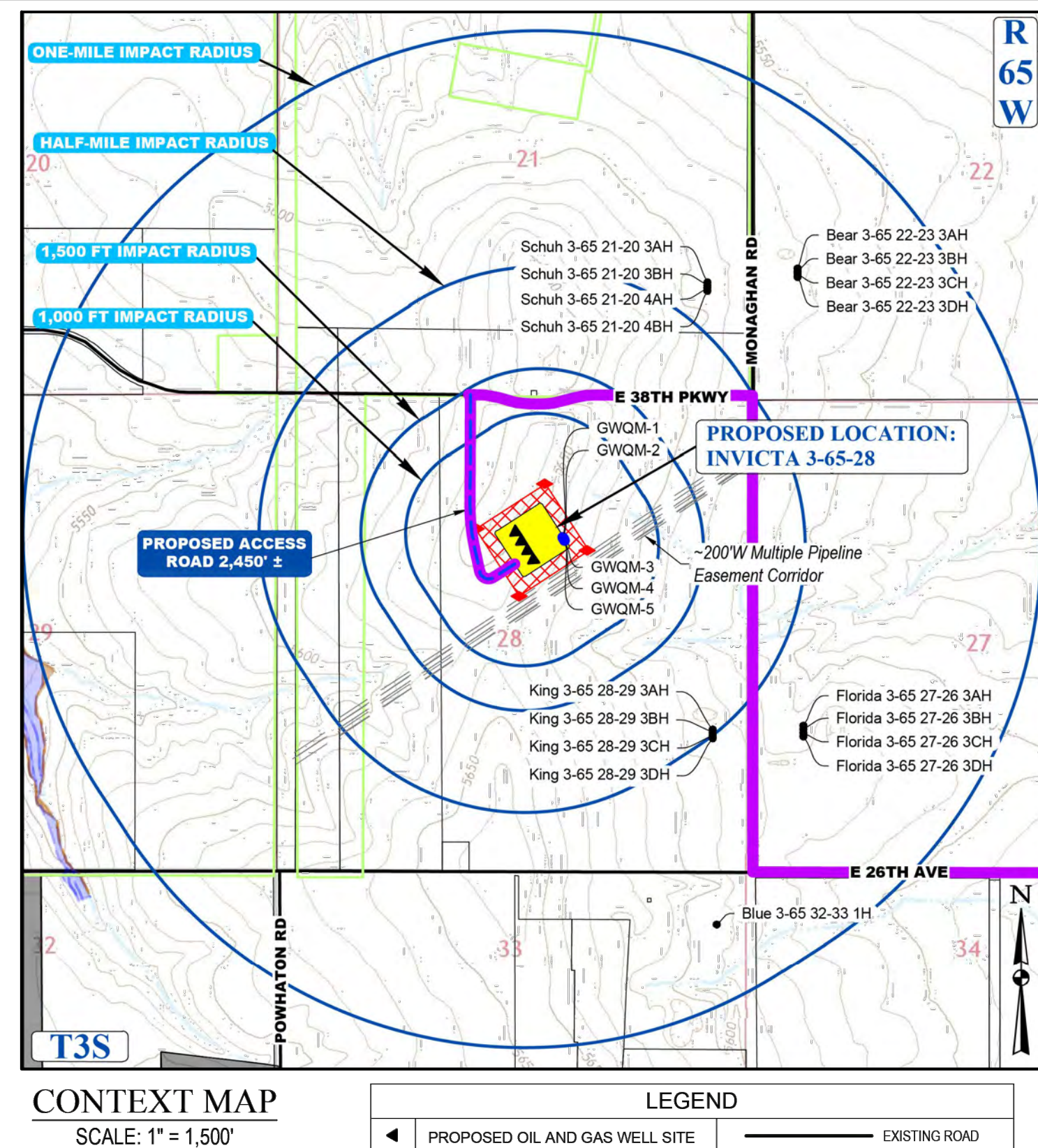
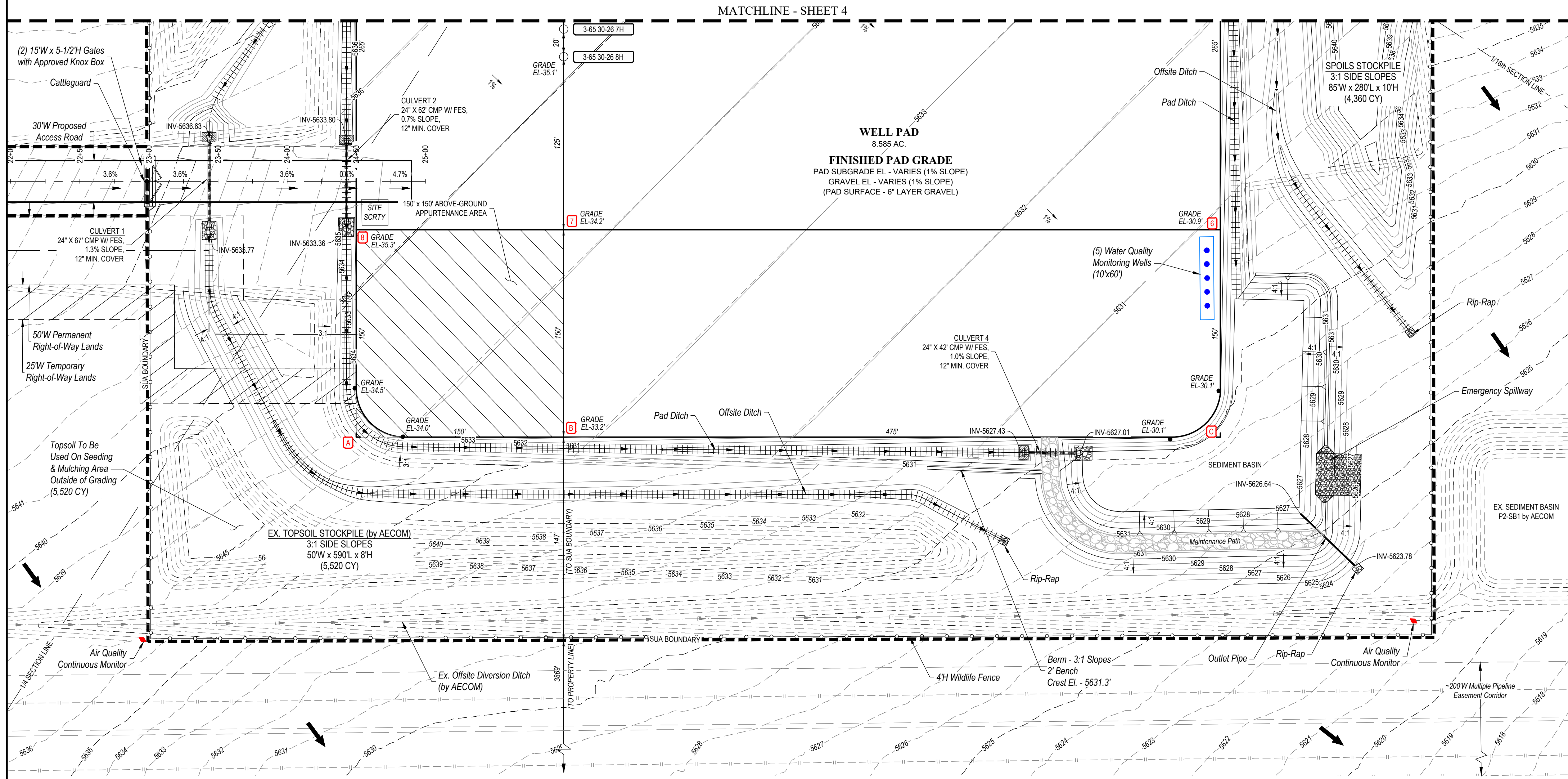
NOTE:

1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 356636NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-0208, E-0904" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-0208.
2. EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM, EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.



INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)

N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



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- SINCE 1964 -

INVCITA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

STRUCTURAL BEST MANAGEMENT PRACTICES:

1. REINFORCED ROCK BERMS (RRB) AND (JRR) - REINFORCED ROCK BERMS (RCBS) 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 RCBS 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 PROVIDED FOR THE WELL SITE AND DOWN LOW 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 LAIDEN 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 WILL BE INSTALLED BEFORE THE 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 - 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 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 25' INSIDE TURNING RADIUS. WHILE CDOT 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: PREMIUM ROAD BASE MATERIAL, 1-1.5 ANGULAR INCH HOT ROCK OR CRUSHED GRANITE, OR AGGREGATE WITH A FINER GRADATION. THE ROAD SHALL BE CONSTRUCTED TO A ROAD BASE CLASS 4, A SOLID SURFACE CONCRETE OR ASPHALT WITH AN ADDITIONAL 2" MINIMUM THICKNESS OVER THE 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 - 76 DAYS, 24 HOURS/DAY
 HYDRAULIC FRACTURING - 90 DAYS, 24 HOURS/DAY
 PRODUCTION - 20+ YEARS
4. THE SURFACE MATERIAL FOR THE AROUND THE WELL 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. WEEDS SO ACCUMULATION AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
7. GMT EXPLORATION COMPANY, 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 GMT EXPLORATION COMPANY, 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

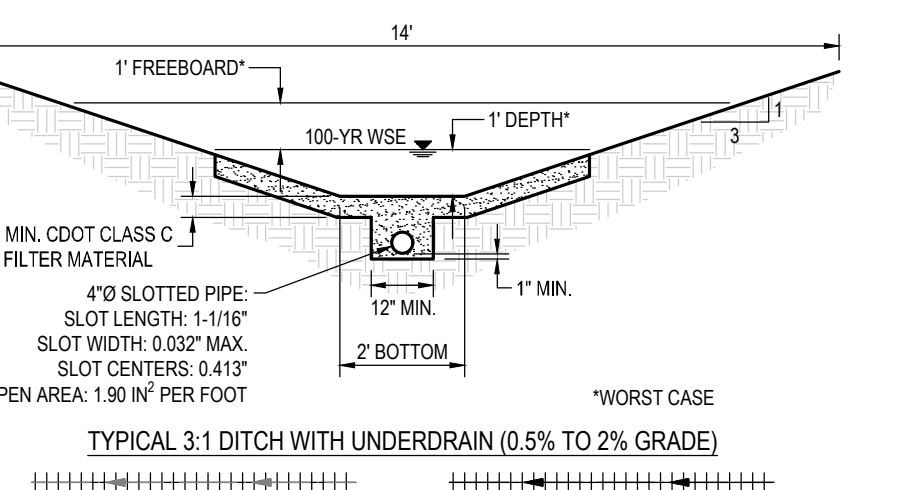
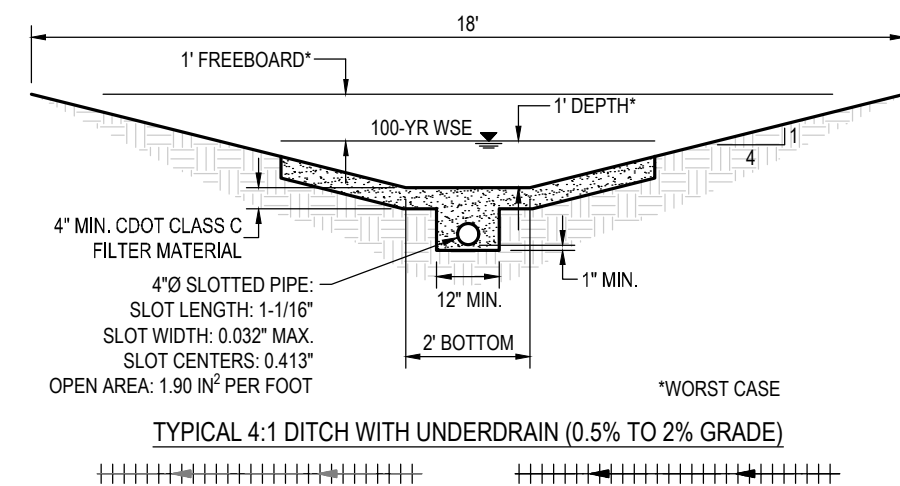
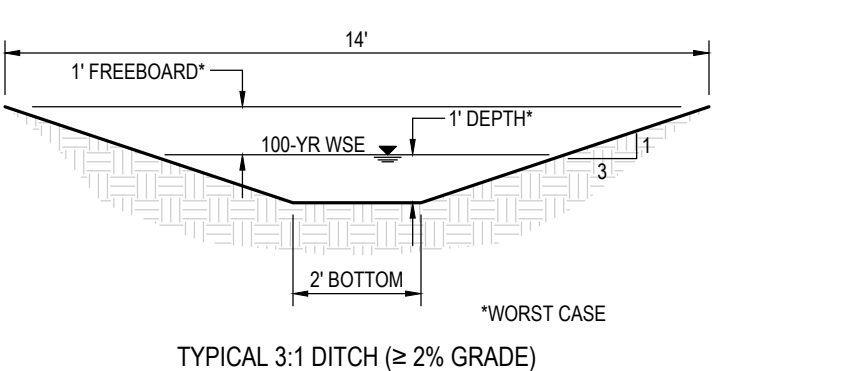
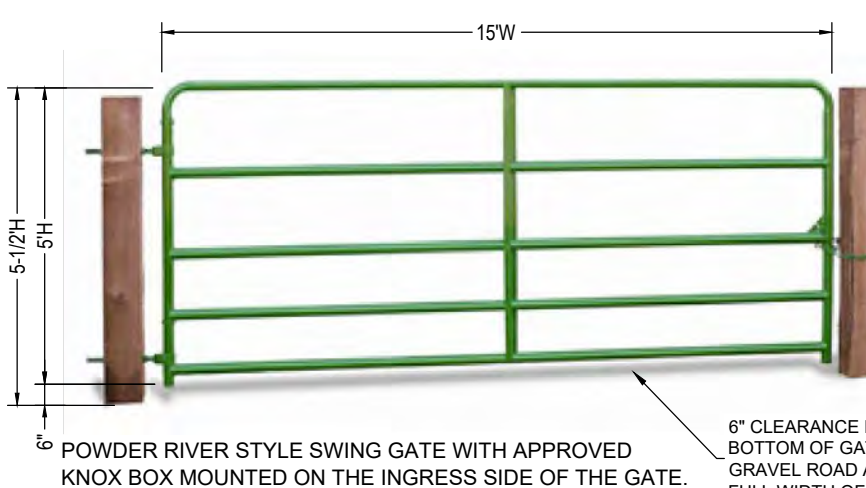
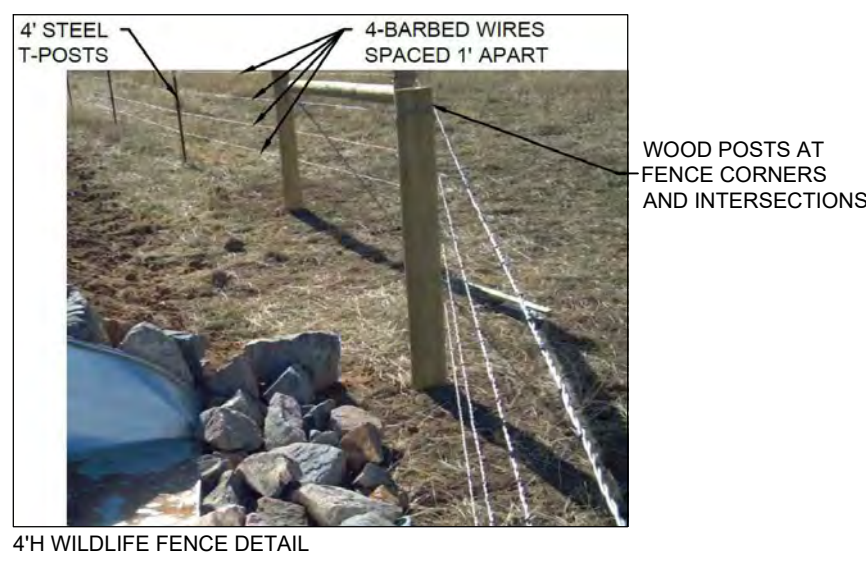
1. WATER PUMP
TYPE - GRUNDFOS CENTRIFUGAL
CAPACITY - 22 GPM MAX.
FEED DISCHARGE CONNECTION - 3/4" CAMLOCKS
ELEVATED - NOT ELEVATED, ON A SKID ON THE GROUND
2. SEWER PUMP
TYPE - ZOELLER SUBMERSIBLE
CAPACITY - 43 GPM MAX.
FEED DISCHARGE CONNECTION - 1-1/2" CAMLOCKS
ELEVATED - NOT ELEVATED, ON A SKID ON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

DISC

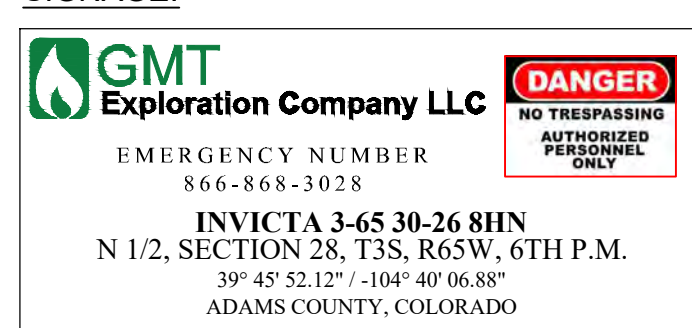
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY VERIFIED.

NOT

1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 13616-04) DATED 02.06.2022. BENCHMARK: CITY OF AURORA BENCHMARK 35863810N003 BEING A "3" DIAMETER BRASS CAP STAMPED "COA BM, 19-020B E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-020B.
2. EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH EMAIL, COME ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.



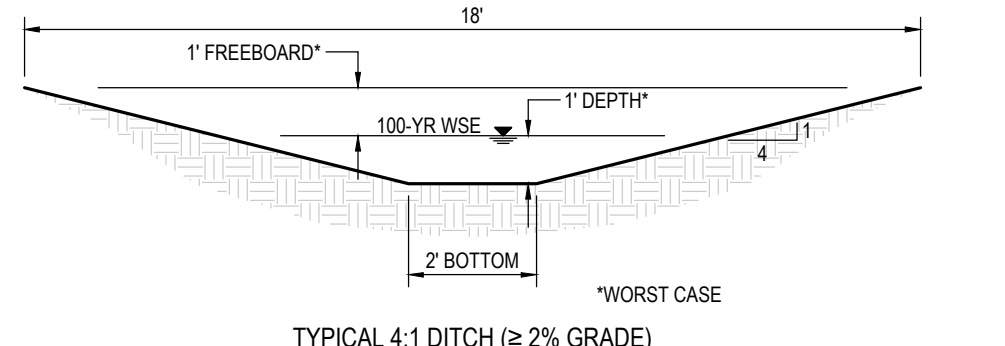
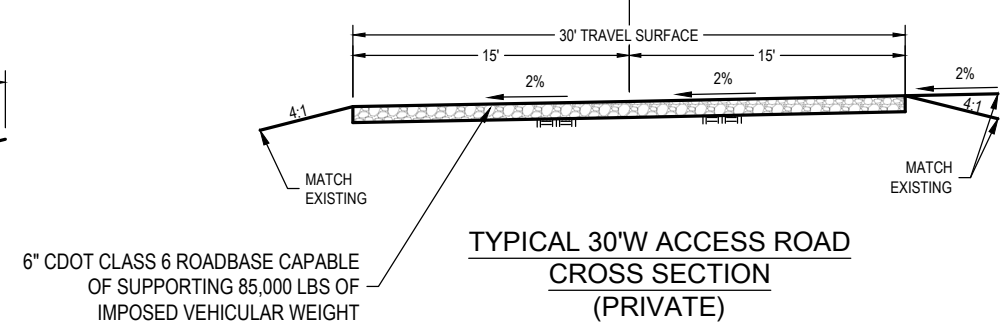
SIGNAGE:



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

COMPACTION SPECIFICATIONS:

1. COMPACT SUBGRADE AND SURFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR.
2. MOISTURE CONDITION TO WITHIN $\pm 2\%$ OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR



SURVEY BENCHMARK

COA ID: 3S6528SE001
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120)
ATOP A 30" LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
(PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. LOCL
HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.16759" N
LONGITUDE: 104° 39' 33.95273" W (NAD 83)
ELEV: 5584.96' (NAVD 88)
*DO NOT USE FOR PAD LOCATION



**CALL 811
TWO WORKING DAYS
BEFORE YOU DIG
1-800-922-1987**

RESPONSIBLE ENGINEER:

DRILLING OPERATIONS SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

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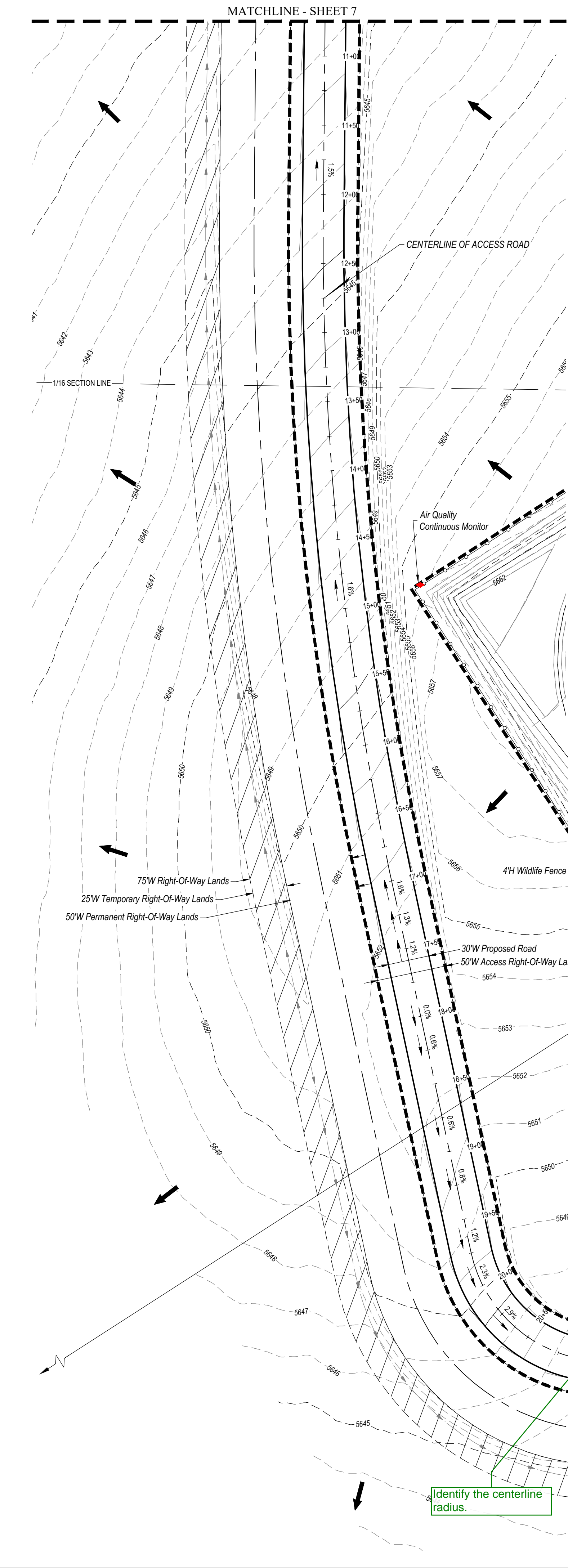
11/11/2011

SHEET

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11

E:\FILE E\INVICTA 3-65-28\INVICTA 3-65-28.dwg COA#1000 8/27/2024 4:11 PM ARCHTALL NEEDS 0.625 X 24.00 INCHES



INVICTA 3-65-28 OIL & GAS PERMIT

(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)

N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN

27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

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.
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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 BMPs 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-A 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.
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ACCESS ROAD AND PAD CONSTRUCTION NOTE:

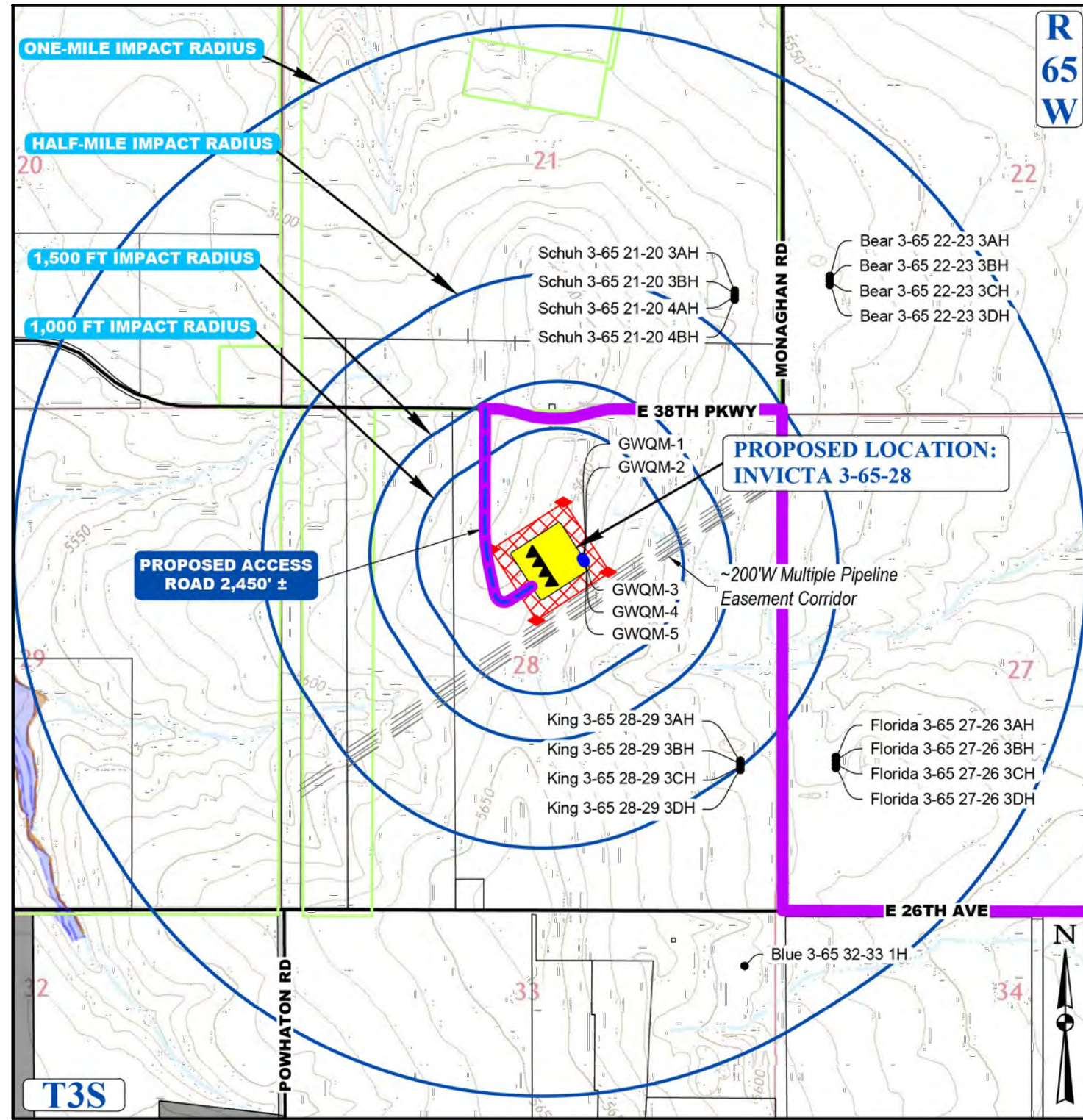
ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (85,000 LBS) UTILIZING THE CDOT ROAD-BASE #6 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 29' INSIDE TURNING RADIUS. WHILE CDOT #6 IS 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: PREMIUM ROAD BASE MATERIAL, 1.15 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.

GENERAL CONSTRUCTION NOTES:

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 - 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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BEST MANAGEMENT PRACTICES:

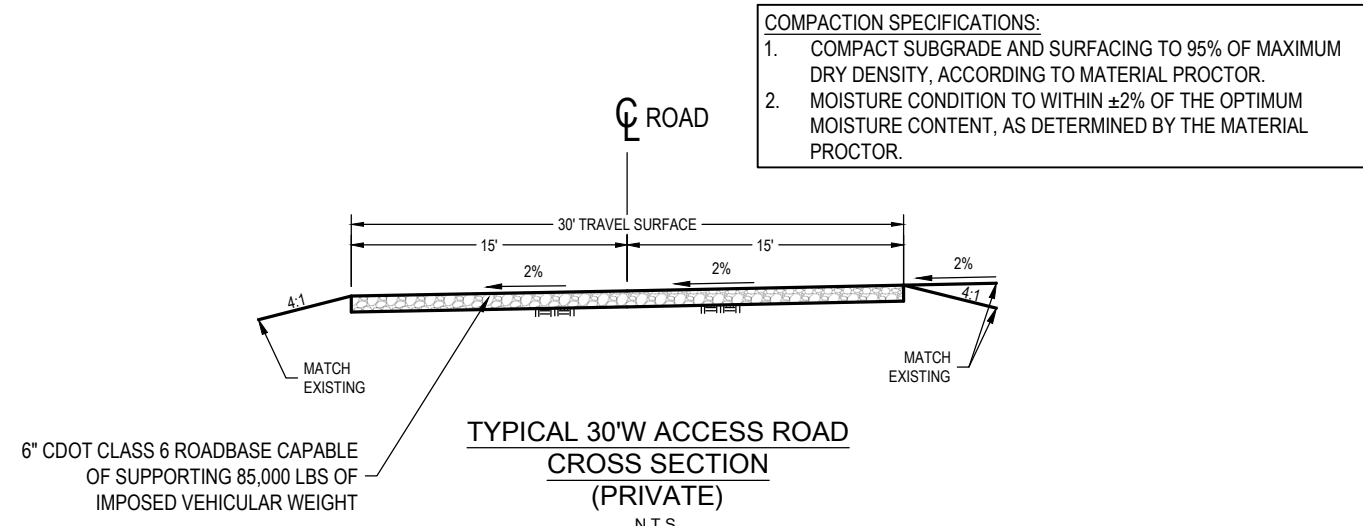
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CONTEXT MAP
SCALE: 1" = 1,500'

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, 2023	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

LEGEND	
WELL PAD CORNER STAKE	DIVERSION DITCH
SECTION "C" CUT OR "F" FILL TO FINISHED GRADE	LIMITS OF CONSTRUCTION
EXISTING GROUND ELEV. AT CORNER STAKE (TRUNCATED LESS 5.00 FEET)	PROPERTY LINE
PROPOSED WILDLIFE FENCE	EXISTING FENCE
RIGHT-OF-WAY	EX. EASEMENT CORRIDOR
EXISTING MAJOR CONTOUR	EX. BURIED PIPELINE
EXISTING MINOR CONTOUR	PROPOSED MAJOR CONTOUR
PROPOSED MAJOR CONTOUR	PROPOSED MINOR CONTOUR
RIP-RAP OUTLET PROTECTION	SEDIMENT BASIN
FLOW DIRECTION	AIR QUALITY MONITORING SITE
SIGHT TRIANGLE	FILL
GROUND WATER QUALITY MONITORING WELL	



DISCLAIMER:
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NOTE:

1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 356636NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-0208, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-0208.
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SURVEY BENCHMARK	
COA ID: 356628SE001	DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 30' LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE	HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.16759" N	LONGITUDE: 104° 39' 33.95223" W (NAD 83)
ELEV: 5584.96' (NAVD 88)	"DO NOT USE FOR PAD LOCATION"



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ENGINEERING & LAND SURVEYING
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LAND SURVEYING SERVICES
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O: 435.789.1017
www.uintahgroup.com
- SINCE 1964 -

INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

REV.	DATE	BY	DESCRIPTION

RESPONSIBLE ENGINEER:

ACCESS ROAD SITE
PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ. NO: GMT01-23-0001
UTLS FILE NO.:

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SHEET

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STRUCTURAL BEST MANAGEMENT PRACTICES:

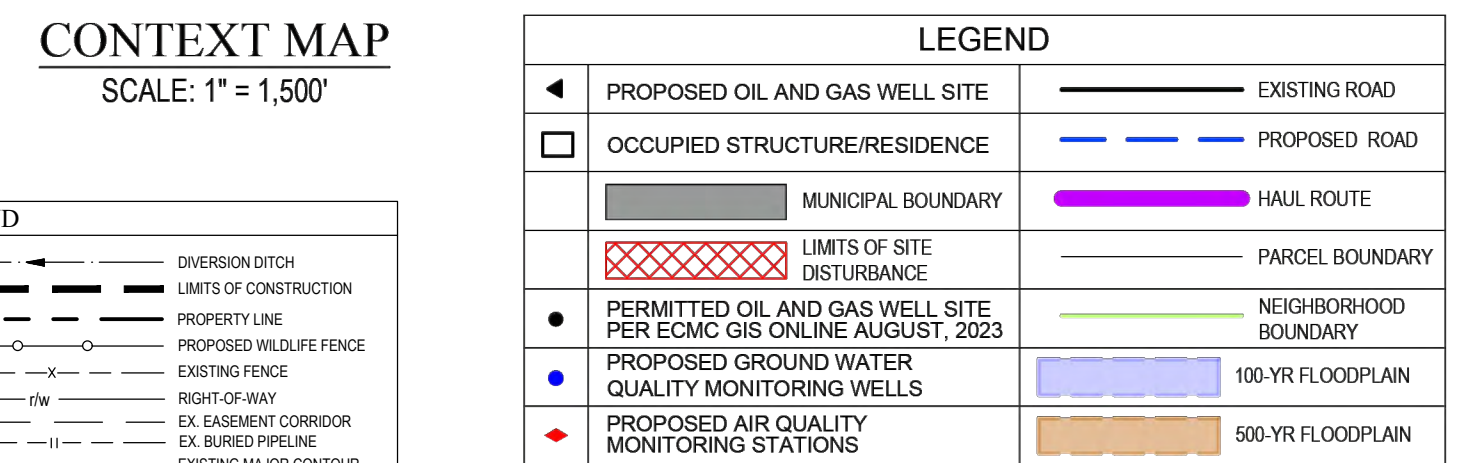
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6. SEEDING AND MULCHING (SM) - CUT AND FILL SLOPES ADJACENT TO THE PAD SITE AND ACCESS ROAD SWALES SHALL BE STABILIZED WITH SM. IT SHALL BE APPLIED AFTER GRADING IS COMPLETE IN THE FINAL PHASE. IF THE SEEDING AND MULCHING APPLICATION DOES NOT PROVIDE 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 SWAMP 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 SOILD 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.



 ROAD	COMPACTION SPECIFICATIONS: 1. COMPACT SUBGRADE AND SURFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR. 2. MOISTURE CONDITION TO WITHIN $\pm 2\%$ OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR.
	(Blank space for notes or additional specifications)

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, 1.5-1.9 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:

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

BEST MANAGEMENT PRACTICES:

1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 35663NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-0208 E 090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-0208.

2. EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM, EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.

4" STEEL T-POSTS

4-BARBED WIRES SPACED 1' APART

4H WILDLIFE FENCE DETAIL

Diagram illustrating the dimensions and components of a Powder River Style Swing Gate:

- Width:** 15W
- Height:** 5-1/2H
- Bottom Clearance:** 8" CLEARANCE BETWEEN BOTTOM OF GATE AND GRAVEL ROAD SURFACE
- Component:** POWDER RIVER STYLE SWING GATE WITH APPROVED KNOX BOX MOUNTED ON THE INGRESS SIDE OF THE GATE.

COMPACTION SPECIFICATIONS:

1. COMPACT SUBGRADE AND SURFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR.
2. MOISTURE CONDITION TO WITHIN $\pm 2\%$ OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR.

[illegible]

30' TRAVEL SURFACE

15'

2%

2%

2%

4:1

MATCH EXISTING

MATCH EXISTING

TYPICAL 30'W ACCESS ROAD
CROSS SECTION
(PRIVATE)
N.T.S.

BASE CAPABLE
85,000 LBS OF
TOWEL WEIGHT

SURVEY BENCHMARK
3S6528SE001
CAPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
30" LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
N. & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE
A STOP SIGN ON IT.
E: 39° 45' 16.16759" N
UDE: 104° 39' 33.95273" W (NAD 83)
584.96' (NAVD 88)
NOT TO BE USED FOR PADI LOCATION

 **UNCC**
UTILITY NOTIFICATION
CENTER OF COLORADO

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INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

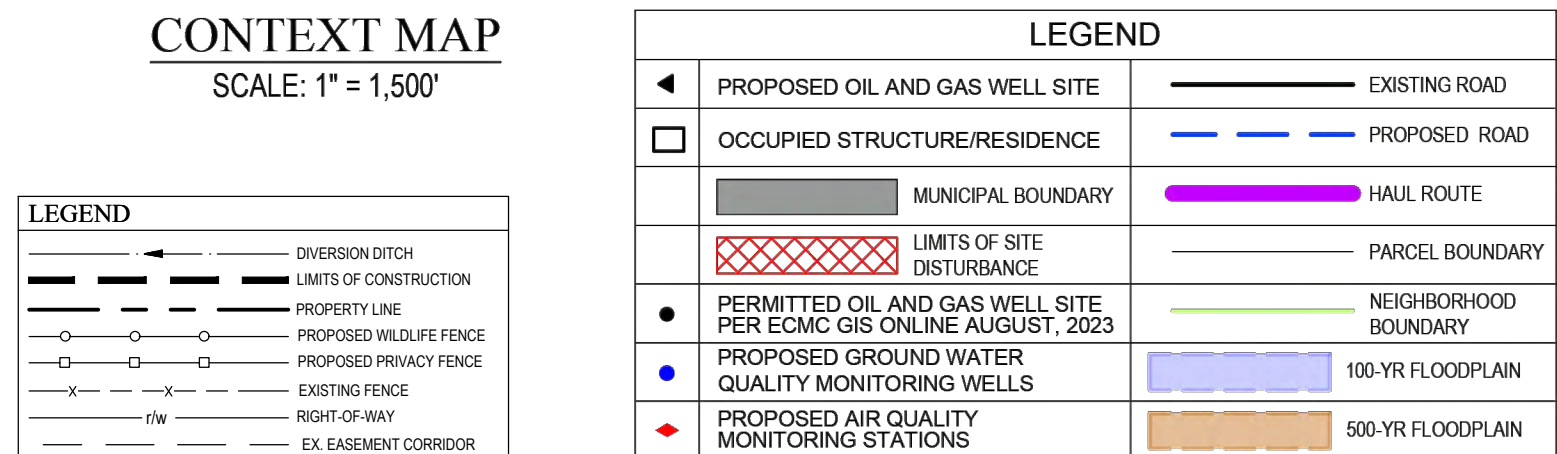
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RESPONSIBLE ENGINEER:

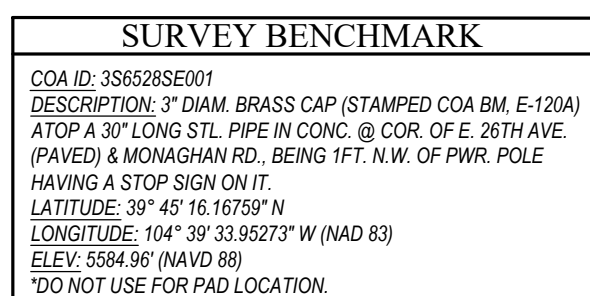
PRODUCTION OPERATIONS SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

SHEET
10

[illegible]

<p>COMPACTION SPECIFICATIONS:</p> <ol style="list-style-type: none"> 1. COMPACT SUBGRADE AND SURFACING TO 95% OF MAXIMUM DRY DENSITY, ACCORDING TO MATERIAL PROCTOR. 2. MOISTURE CONDITION TO WITHIN $\pm 2\%$ OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR. 	
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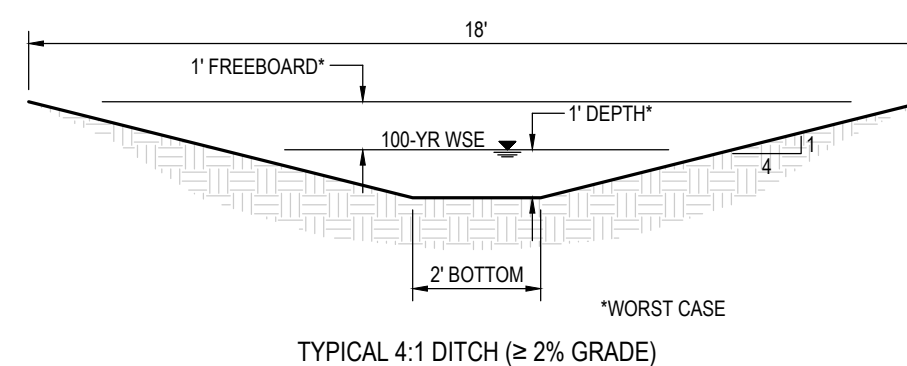
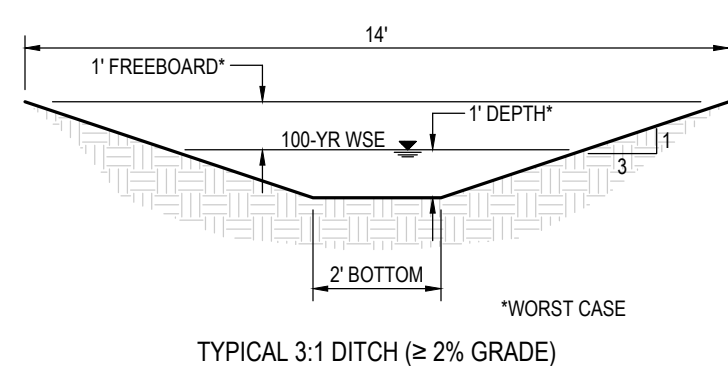


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UTILITY NOTIFICATION
CENTER OF COLORADO

INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

NOTE:

1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 356636N003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-0208 E-0904" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AK4 19-0208.
2. EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM. EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.

[illegible]

RESPONSIBLE ENGINEER:

INTERIM
RECLAMATION
PLAN

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

DATE DRAWN: 08-21-2024

PROJ.NO: GMT0
UELS FILE NO.:

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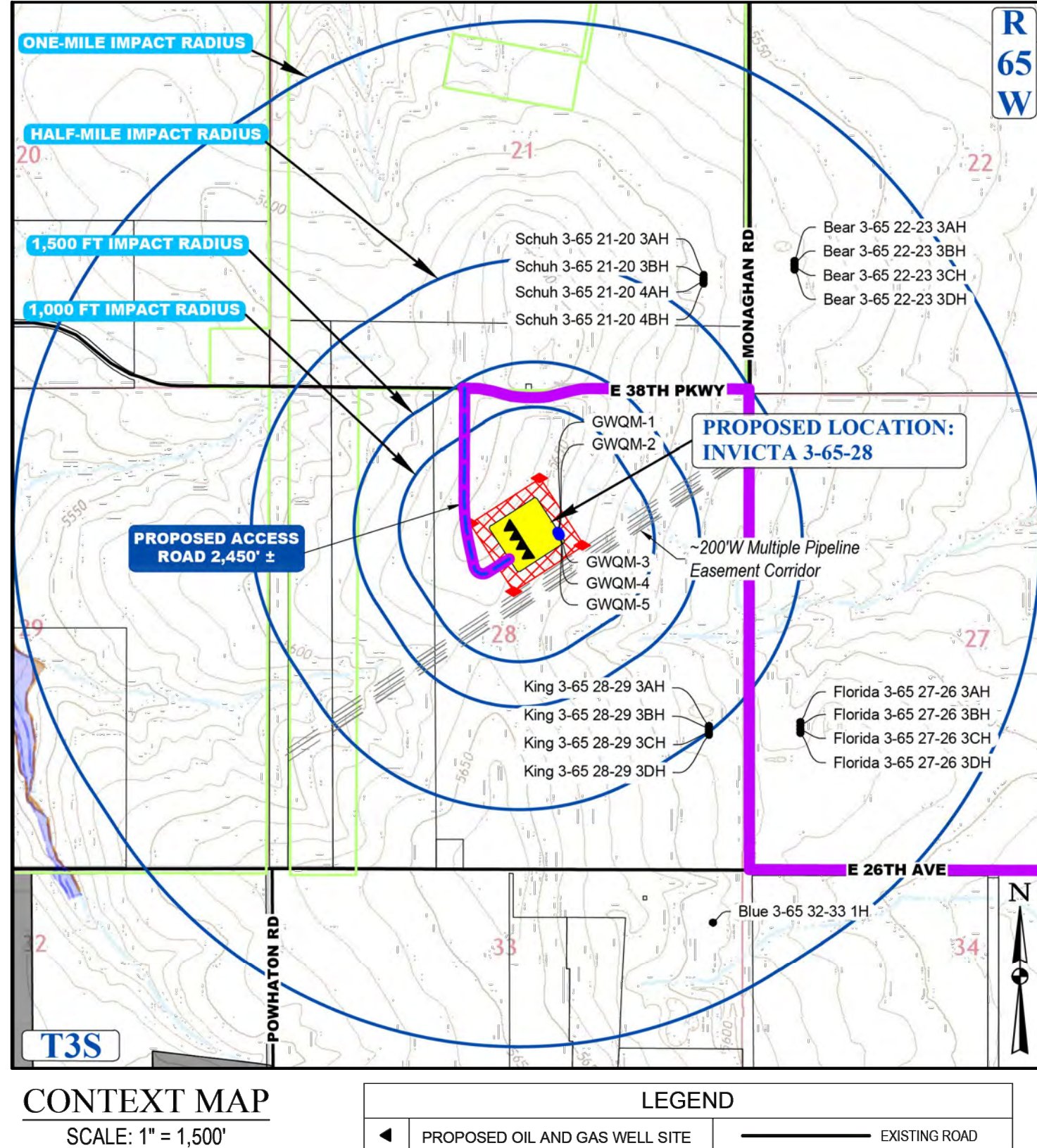
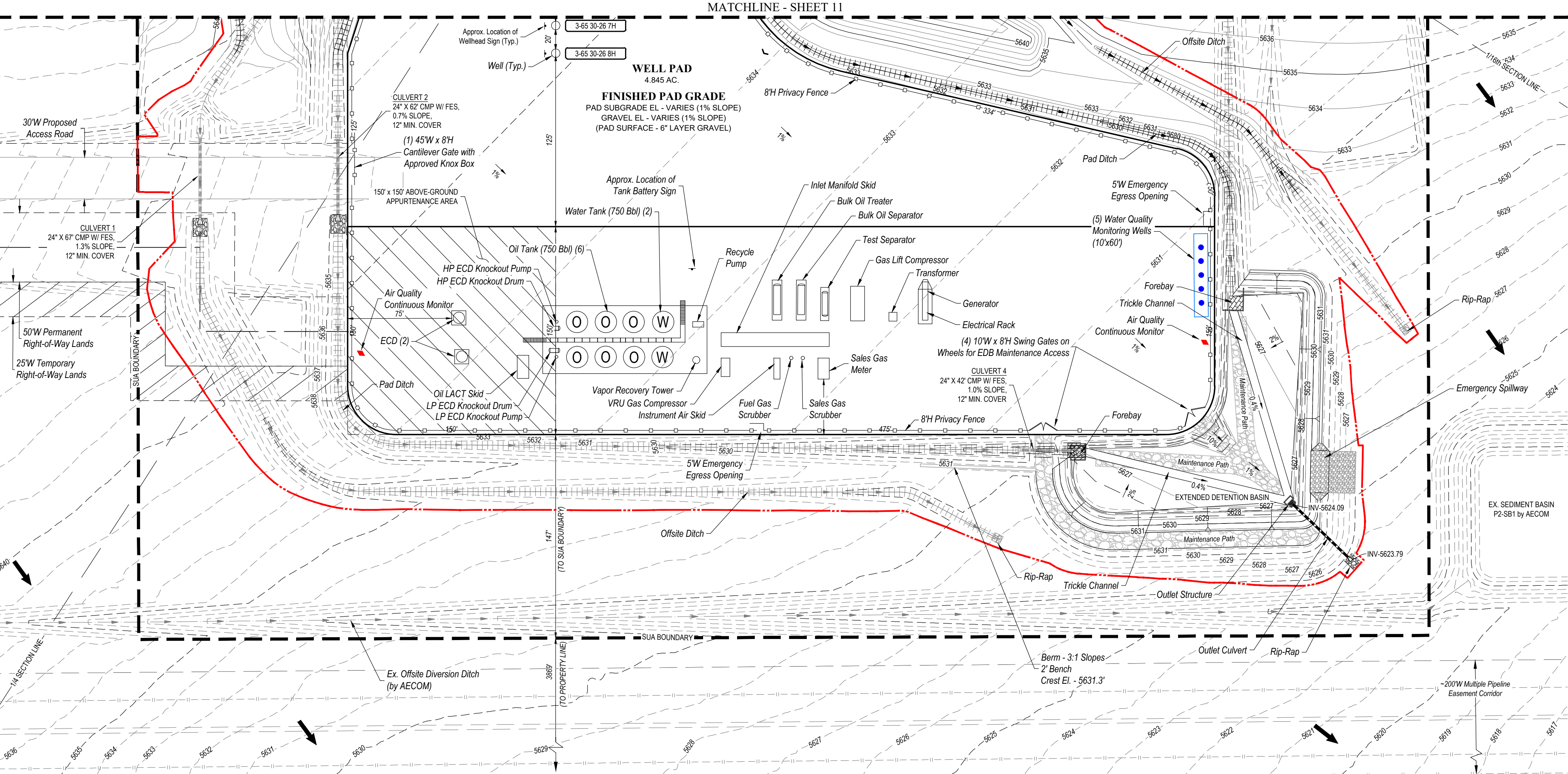
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11







11

[illegible]

INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

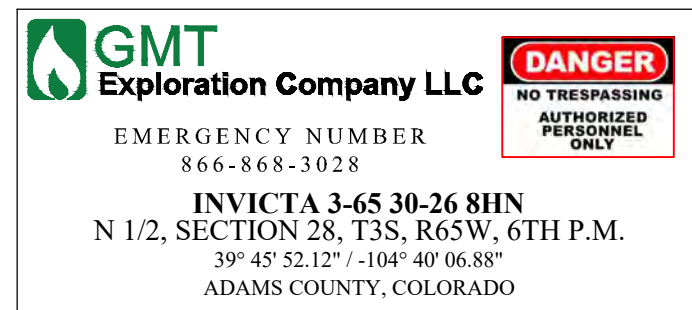


LEGEND

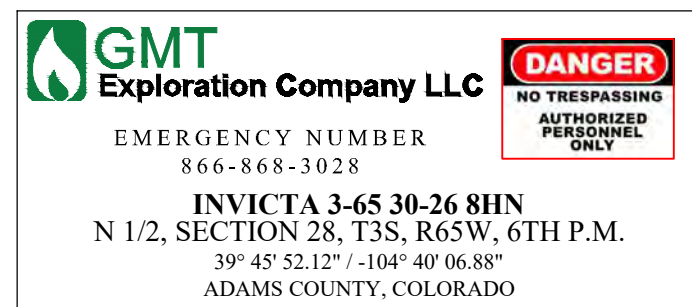
◀	PROPOSED OIL AND GAS WELL SITE	————	EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE	———	PROPOSED ROAD
	MUNICIPAL BOUNDARY		HAUL ROUTE
	LIMITS OF SITE DISTURBANCE	————	PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECOMG GIS ONLINE AUGUST, 2023		NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND QUALITY MONITORING WELLS		100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN

Equipment	Quantity	Length (ft/in)	Width (ft/in)	Height (ft/in)
Bulk Oil Separator	1	38	8	13
Bulk Oil Treater	1	38	8	18
Test Separator	1	25	8	10
ECD	2	10	10	30
Gas Lift Compressor	1	25	12	21
Instrument Air Skid	1	22	10	12
Electrical Rack	1	25	4	6
VRU Gas Compressor	1	15	8	10
Pressure Recovery Tower	1	4	4	47
Oil Tank (750 Bbl)	6	16	16	25
Water Tank (750 Bbl)	2	16	2	25
Recycle Pump	1	3	2	2
Oil LACT Skid	1	18	11	11
Sales Gas Meter	1	15	7	9
Sales Gas Scrubber	1	4	4	15
Inlet Manifold Skid	1	75	10	6
Generator	1	25	7	10
Fuel Gas Scrubber	1	7	7	10
Transformer	1	6	6	6
HP ECD Knockout Drum	1	2	2	6
HP ECD Knockout Drum	1	8	3	6
LP ECD Knockout Drum	1	2	2	6
LP ECD Knockout Drum	1	8	3	6

SIGNAGE:



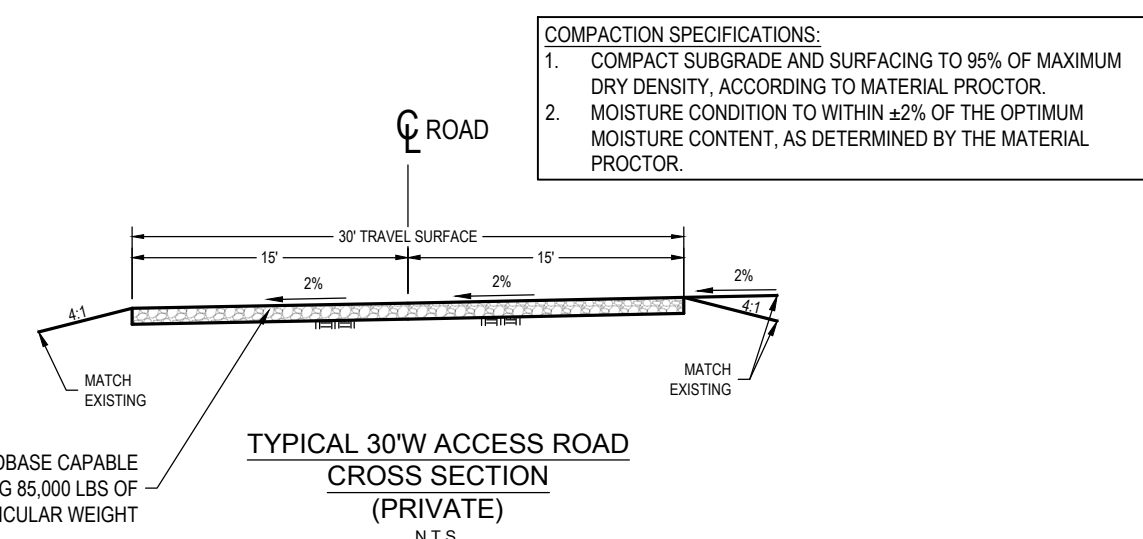
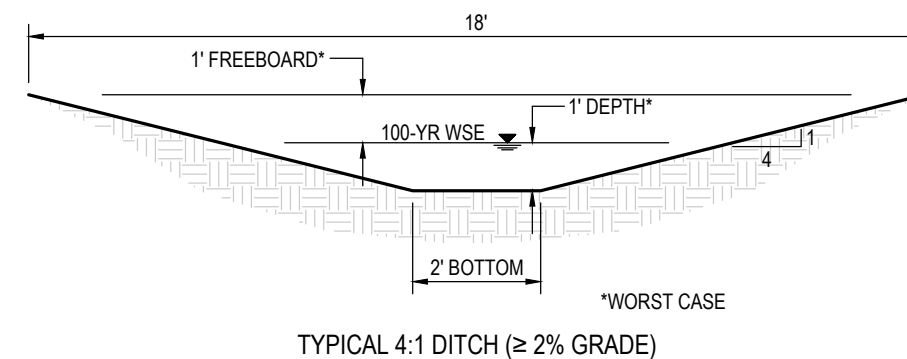
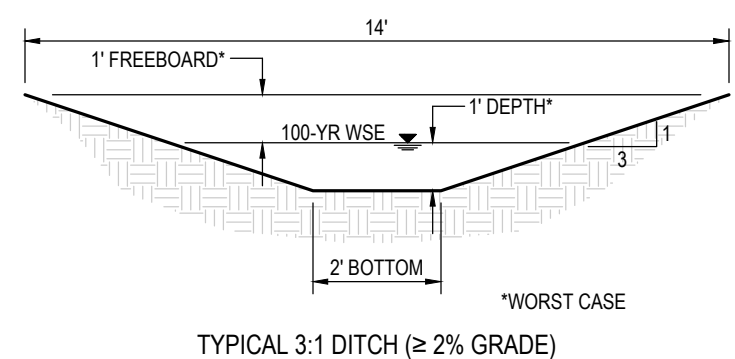
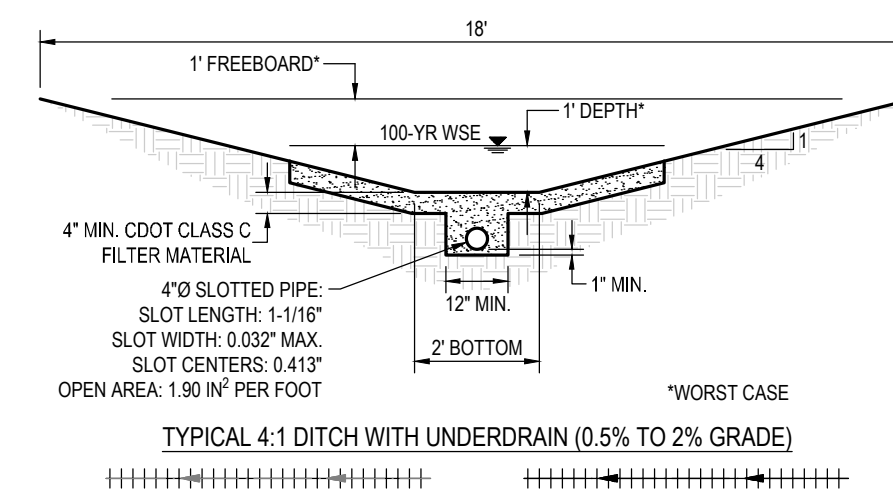
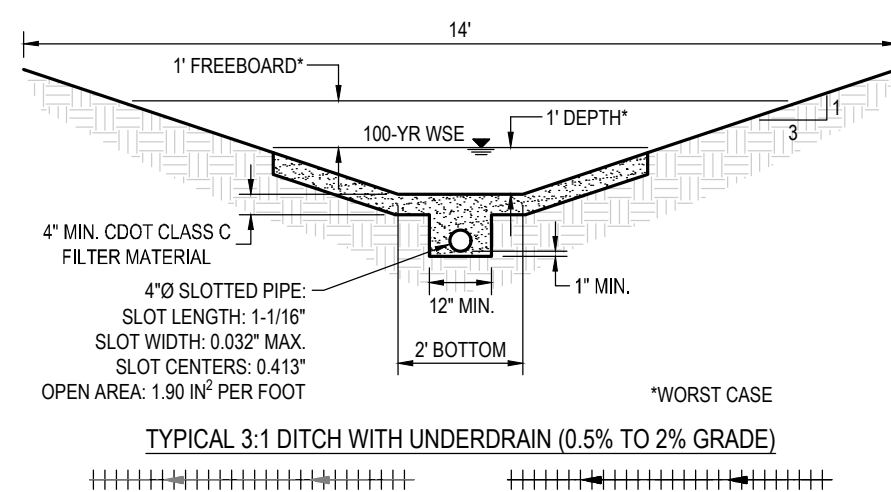
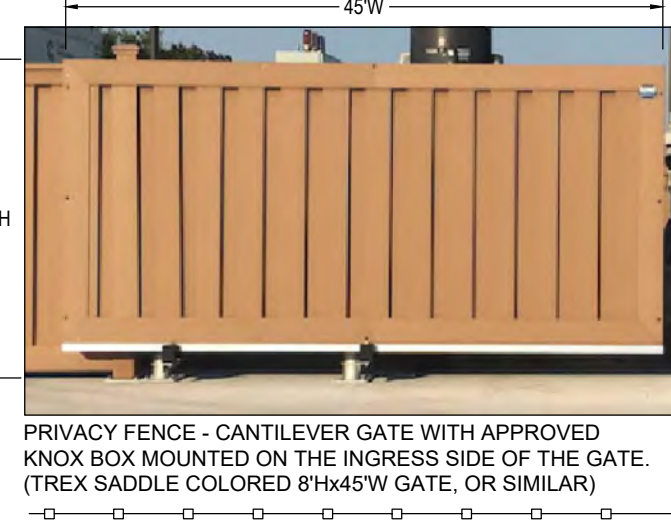
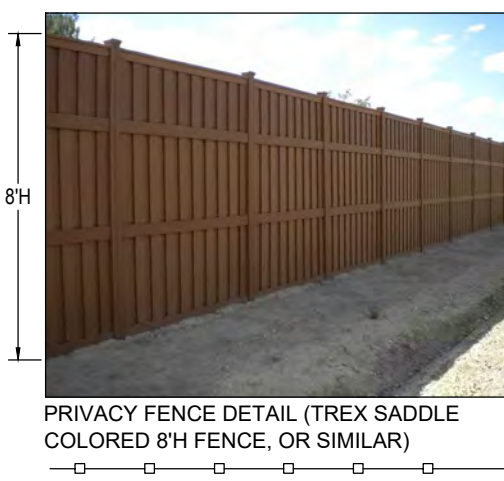
ENTRY SIGN TO BE PLACED AT WELL ACCESS
ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1.5' X 2'



ENTRY SIGN TO BE PLACED AT WELL HEAD



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



<p>SURVEY BENCHMARK</p> <p>COA ID : 335828SE001</p> <p>DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A) ATOP A 30' LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE HAVING A STOP SIGN ON IT. LATITUDE: 39° 45' 16.16759" N LONGITUDE: 104° 39' 33.95273" W (NAD 83) ELEV: 5584.96' (NAVD 88) *DO NOT USE FOR PLOT LOCATION.</p>



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INVCITA 3-65-28

SITE PLAN

GMT EXPLORATION COMPANY, LLC

N 1/2 SECTION 28, T3S, R65W, 6th P.M.

CITY OF AURORA, ADAMS COUNTY, COLORADO

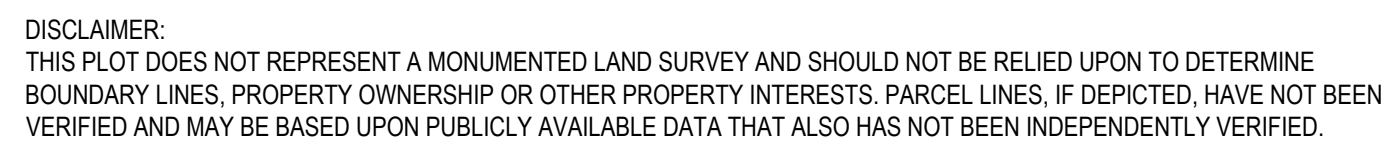
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RESPONSIBLE ENGINEER:

INTERIM
RECLAMATION
PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

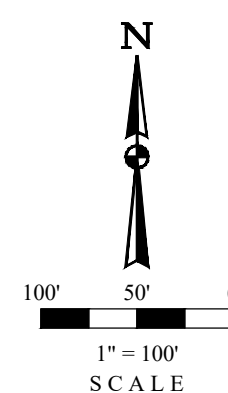
G - 1722
SHEET
12



SURVEY BENCHMARK	
COA ID:	356528E001
DESCRIPTION:	3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A	30' LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
(PAVED)	& MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE
HAVING A STOP SIGN ON IT.	
LATITUDE:	39° 45' 16.16759" N
LONGITUDE:	104° 39' 33.95273" W (NAD 83)
ELEV:	5584.96 (NAVD 88)
*DO NOT USE FOR PAD LOCATION.	



LEGEND			
◀	PROPOSED OIL AND GAS WELL SITE	—	EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE	---	PROPOSED ROAD
	MUNICIPAL BOUNDARY		HAIL ROUTE
	LIMITS OF SITE DISTURBANCE		PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMG GAS ONLINE AUGUST, 2023		NEIGHBORHOOD FLOODPLAIN
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS		100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS		500-YR FLOODPLAIN



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INVCITA 3-65-28

SITE PLAN

GMT EXPLORATION COMPANY, LLC

N 1/2 SECTION 28, T3S, R65W, 6th P.M.

CITY OF AURORA, ADAMS COUNTY, COLORADO

[illegible]

RESPONSIBLE ENGINEER:

ADJACENT VISIBLE IMPROVEMENTS & EASEMENTS

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ.NO: GMT01-23-0001
UELS FILE NO.:

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13

INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

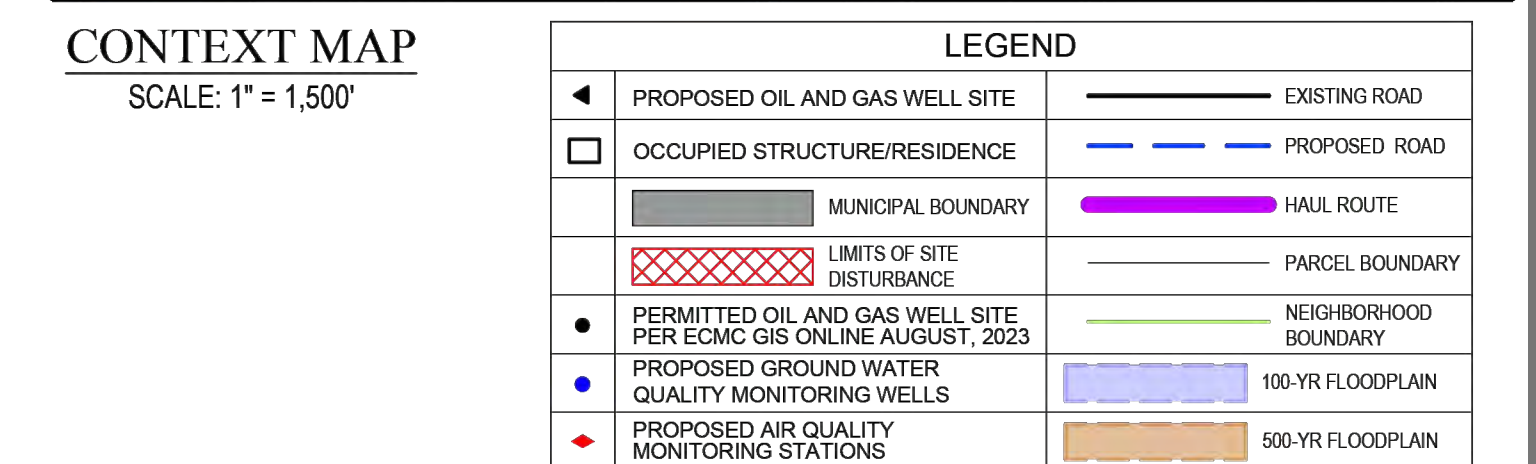
The site plan illustrates the proposed well pad and associated infrastructure. The well pad is centrally located, with a total area of 8.585 acres. It is surrounded by a 100-foot edge of pad offset. To the north of the well pad are two stockpiles: a Topsoil Stockpile (3:1 side slopes, 70W x 1,450L x 8H) and a Spoils Stockpile (3:1 side slopes, 85W x 280L x 10H). To the east of the well pad is a sediment basin. The plan also shows various infrastructure elements including a fuel tank, water tank, mud tank, shale tank, generator, well house, and a mobile lighting tower. The site is bounded by a 4H Wildlife Fence. The plan includes a grid of numerical values representing elevation or depth, ranging from 0.0 to 1.0. The plan also shows the 1/4 section line and the 30W Proposed Access Road. The plan includes a legend for symbols and a scale bar.

WELL PAD
TOTAL PAD AREA: 8.585 AC.


TOPSOIL STOCKPILE
3:1 SIDE SLOPES
70W x 1,450L x 8H

SPOILS STOCKPILE
3:1 SIDE SLOPES
85W x 280L x 10H

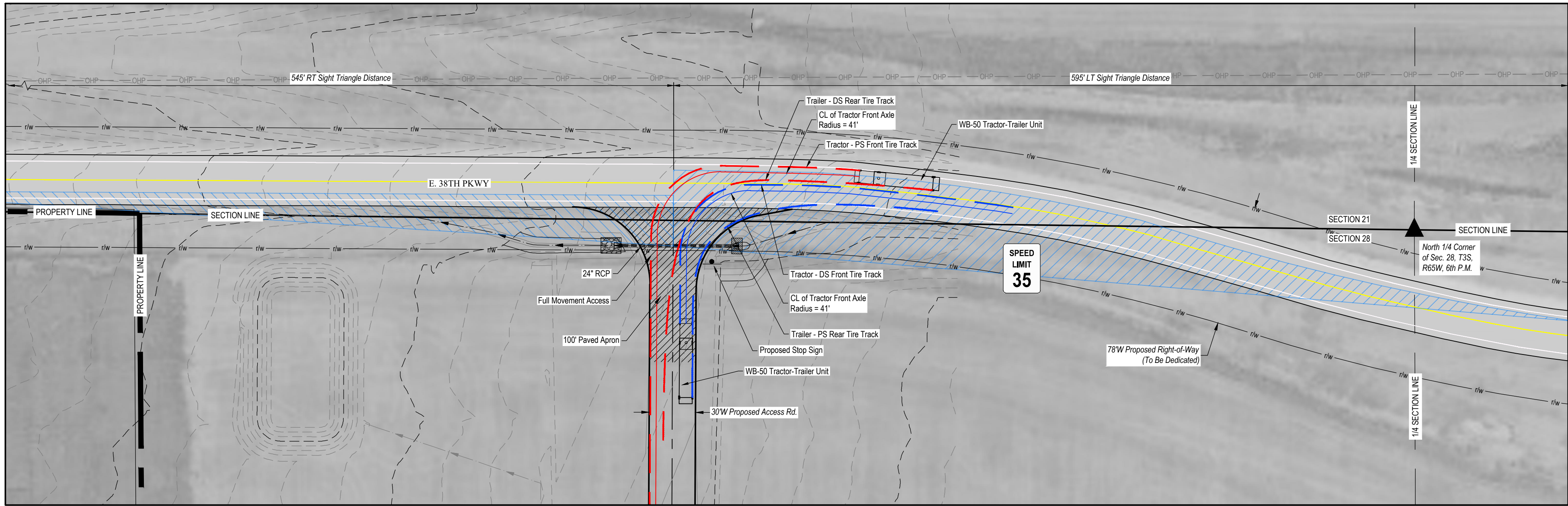
Infrastructure and Features:
- 4H Wildlife Fence
- 100' Edge of Pad Offset
- Edge of Pad
- (5) Water Quality Monitoring Wells (10'x60')
- Mobile Lighting Tower (Typ.)
- Well (Typ.)
- Fuel Tank
- Water Tank
- Mud Tank
- Shale Tank
- Generator
- Well House
- 30W Proposed Access Road
- Air Quality Continuous Monitor
- 25W Temporary Right-of-Way Lands
- 50W Permanent Right-of-Way Lands
- 1/4 SECTION LINE
- 1/2 SECTION LINE
- 3/4 SECTION LINE
- 200W Multiple Pipeline Easement Corridor
- Sediment Basin
- Foot-Candle (Fc) (Typ.)
- (2) 15'W x 5-1/2'H Swinging Gates with Approved Knox Box



-

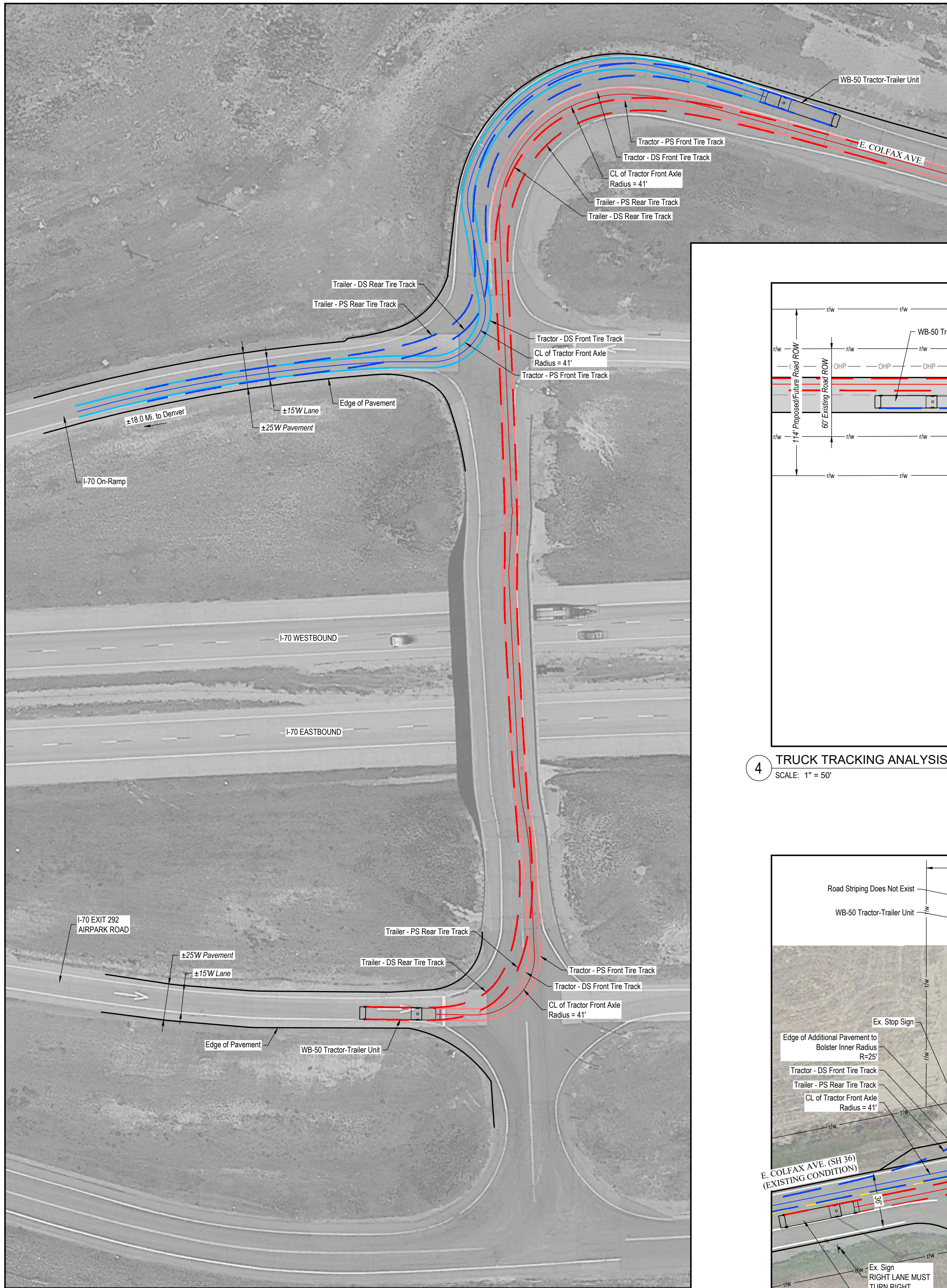
LIGHTING FIXTURE SCHEDULE									
SYMBOL	DESCRIPTION	BUG RATING	MOUNTING INFO	VOLTS	LAMP QUANTITY	LUMENS / LAMP	UNITS QUANTITY	LUMENS / UNIT	TOTAL LUMENS
	3 HEAD LED FLOOD LIGHT, MOBILE TELESCOPING LIGHTING TOWER	B3-U3-G5	25' TOWER	120	3	45,171	4	135,513	542,052
	RIG MOUNTED FLOODLIGHT	B5-U3-G2	RIG MOUNT	120	1	40,000	27	40,000	1,080,000
	RIG MOUNTED 4' LED	B2-U3-G1	RIG MOUNT	120	1	6,080	48	6,080	291,840
	RIG MOUNTED HALO LIGHTS MOUNTED ON DERRICK CROWN	B5-US-G2	CROWN MOUNT	120	1	104,517	8	104,517	836,136

INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

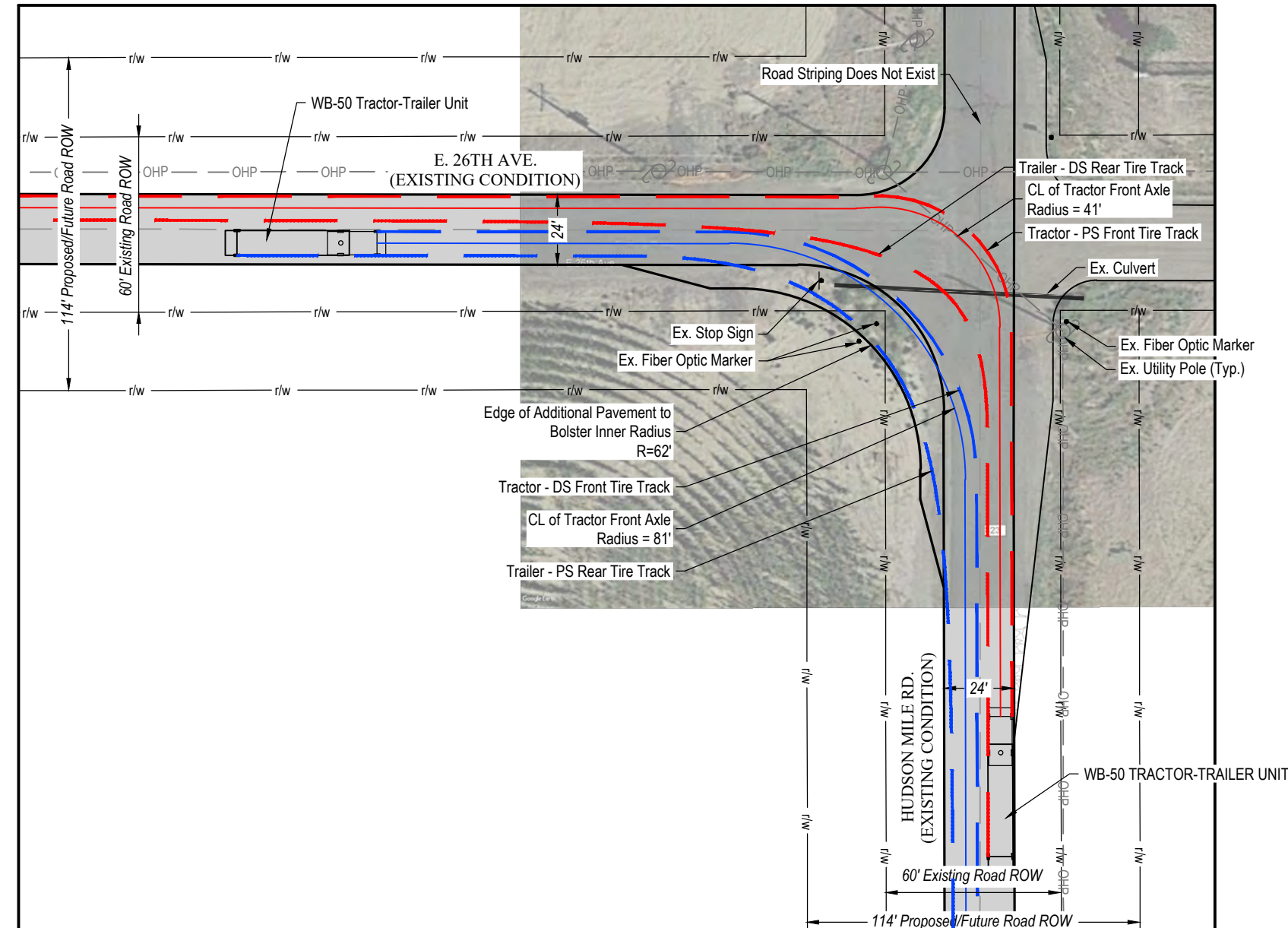


INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

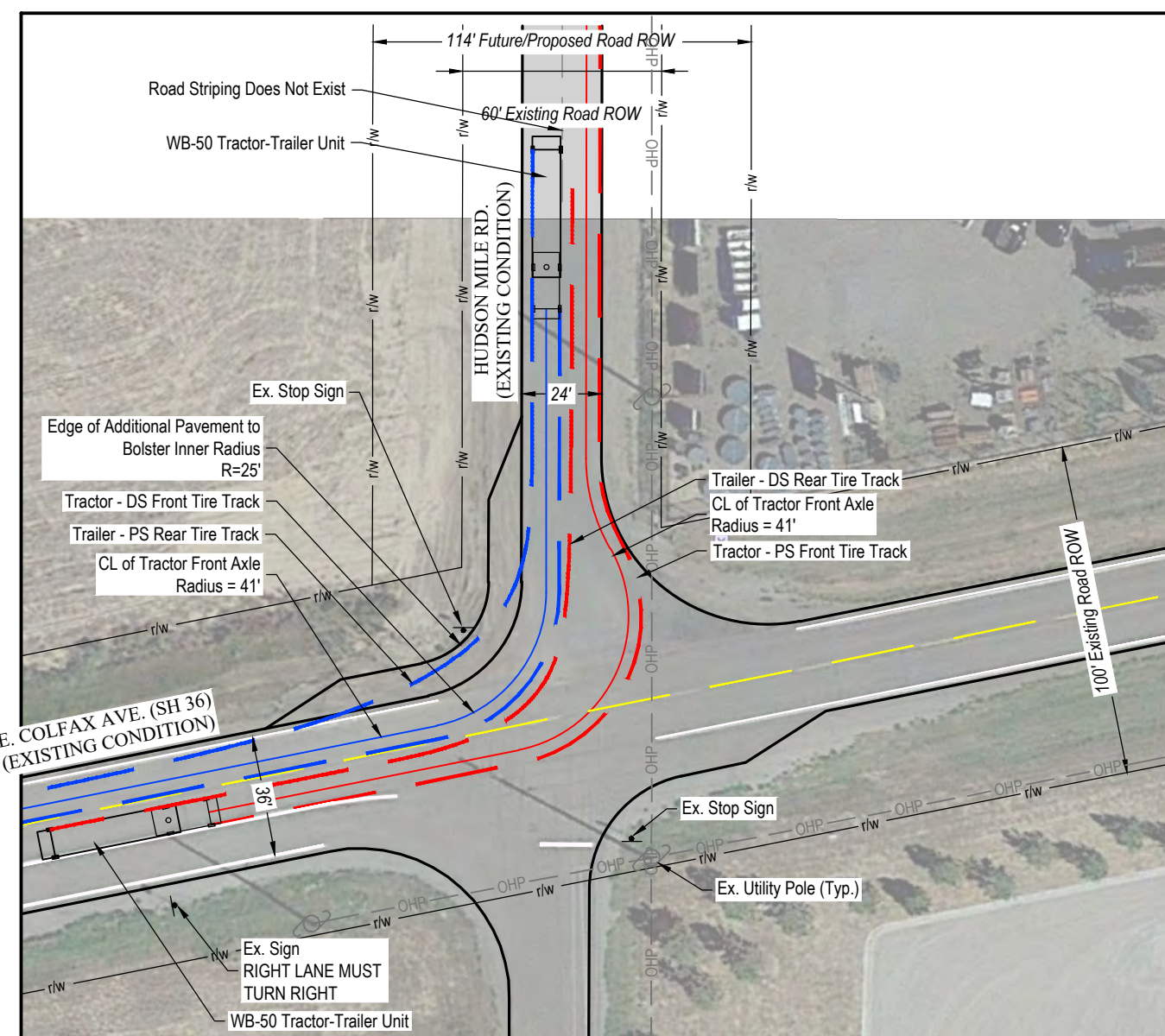
INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO



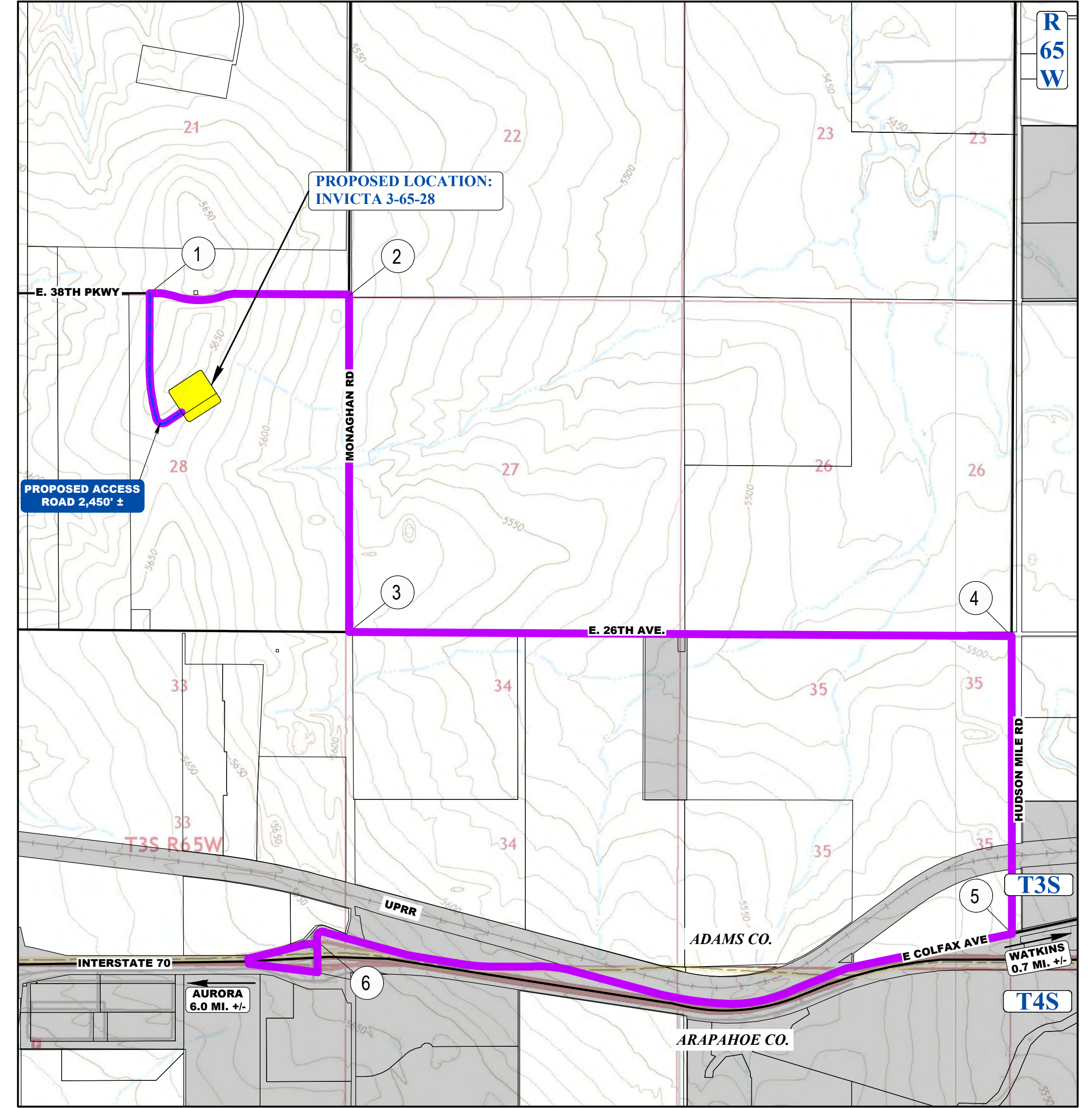
6 TRUCK TRACKING ANALYSIS - I-70 & E. COLFAX AVE.
SCALE: 1" = 50'



4 TRUCK TRACKING ANALYSIS - E. 26TH AVE. & HUDSON MILE RD.
SCALE: 1" = 50'



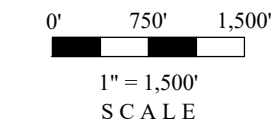
5 TRUCK TRACKING ANALYSIS - HUDSON MILE RD. & E. COLFAX AVE. (SH 36)
SCALE: 1" = 50'



HAUL ROUTE MAP:

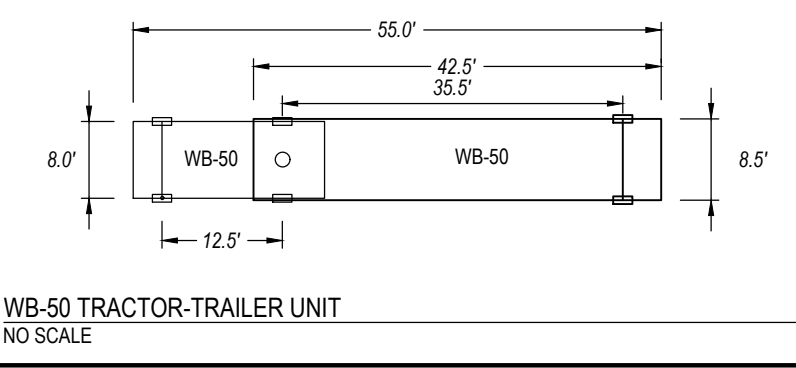
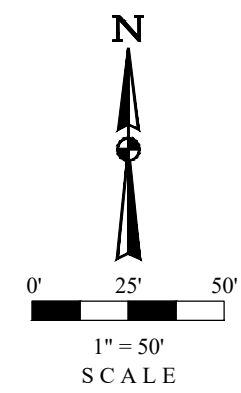
SCALE: 1" = 1,500'

IMAGE DATA SOURCE: GOOGLE EARTH



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

LEGEND:	
	EXISTING UTILITY POLE
	EXISTING OVERHEAD POWER
	EXISTING FIBER OPTIC
	EXISTING ELECTRIC 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
	RIGHT-OF-WAY
	SIGHT TRIANGLE



- BEST MANAGEMENT PRACTICES:
1. GMT EXPLORATION COMPANY, LLC WILL USE DELINEATED HAUL ROUTES TO MINIMIZE TRAFFIC AROUND DENSELY POPULATED AREAS AND MINIMIZE DAMAGE TO CITY ROADS.
 2. GMT EXPLORATION COMPANY, LLC WILL ENTER INTO A ROAD MAINTENANCE AGREEMENT WITH THE CITY OF AURORA FOR USE OF EXISTING CITY ROADS ALONG THE HAUL ROUTE FOR THE INVICTA 3-65-28 PROJECT.
- 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.

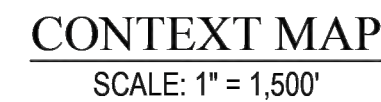
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UNCC
UTILITY NOTIFICATION
CENTER OF COLORADO

TRUCK TRACKING ANALYSIS

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ. NO.: GMT01-23-0001
UCLS FILE NO.:
G - 1 7 2 2

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16



Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter (ft)
Drilling Rig	1	80	75	170	-
Hydraulic Catwalk	1	55	9	4	-
Pipe Rack	6	60	-	-	-
Shaker Tank	1	48	12	11	-
Mud Tank	2	48	12	11	-
Accumulator	1	48	12	11	-
Mud Pump	3	48	12	11	-
Water Tank	1	48	12	11	-
VFD House	1	48	12	11	-
Gen House	3	48	12	11	-
Fuel Tank	1	48	12	11	-
Flare Stack	1	20	20	13	-
Site Security	1	20	20	12	-
Potable Water Tank	1	20	20	11	-
Cuttings Management	1	20	20	11	-

NOTES:
GMT EXPLORATION COMPANY, 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.

[illegible]

RESPONSIBLE ENGINEER:

EQUIPMENT
ELEVATION SHEET

SCALE: AS NOTED

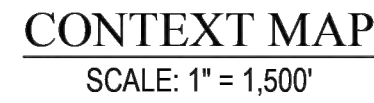
DRAWN BY: C.D.C.
DATE DRAWN: 08.21.2024

PROJ.NO: GMT01-23-0001

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01/22

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Drilling Equipment Representative Dimension Table					
Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter (ft)
Drilling Rig	1	80	75	170	-
Hydraulic Catenwalk	1	55	9	4	-
Pipe Rack	6	60	-	-	-
Shaker Tank	1	48	12	11	-
Mud Tank	2	48	12	11	-
Accumulator	1	48	12	11	-
Mud Pump	3	48	12	11	-
Water Tank	1	48	12	11	-
VFD House	1	48	12	11	-
Gen House	3	48	12	11	-
Fuel Tank	1	48	12	11	-
Flare Stack	1	20	20	13	-
Site Security	1	20	20	12	-
Potable Water Tank	1	20	20	11	-
Cuttings Management	1	20	20	11	-

NOTES:
GMT EXPLORATION COMPANY, 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.

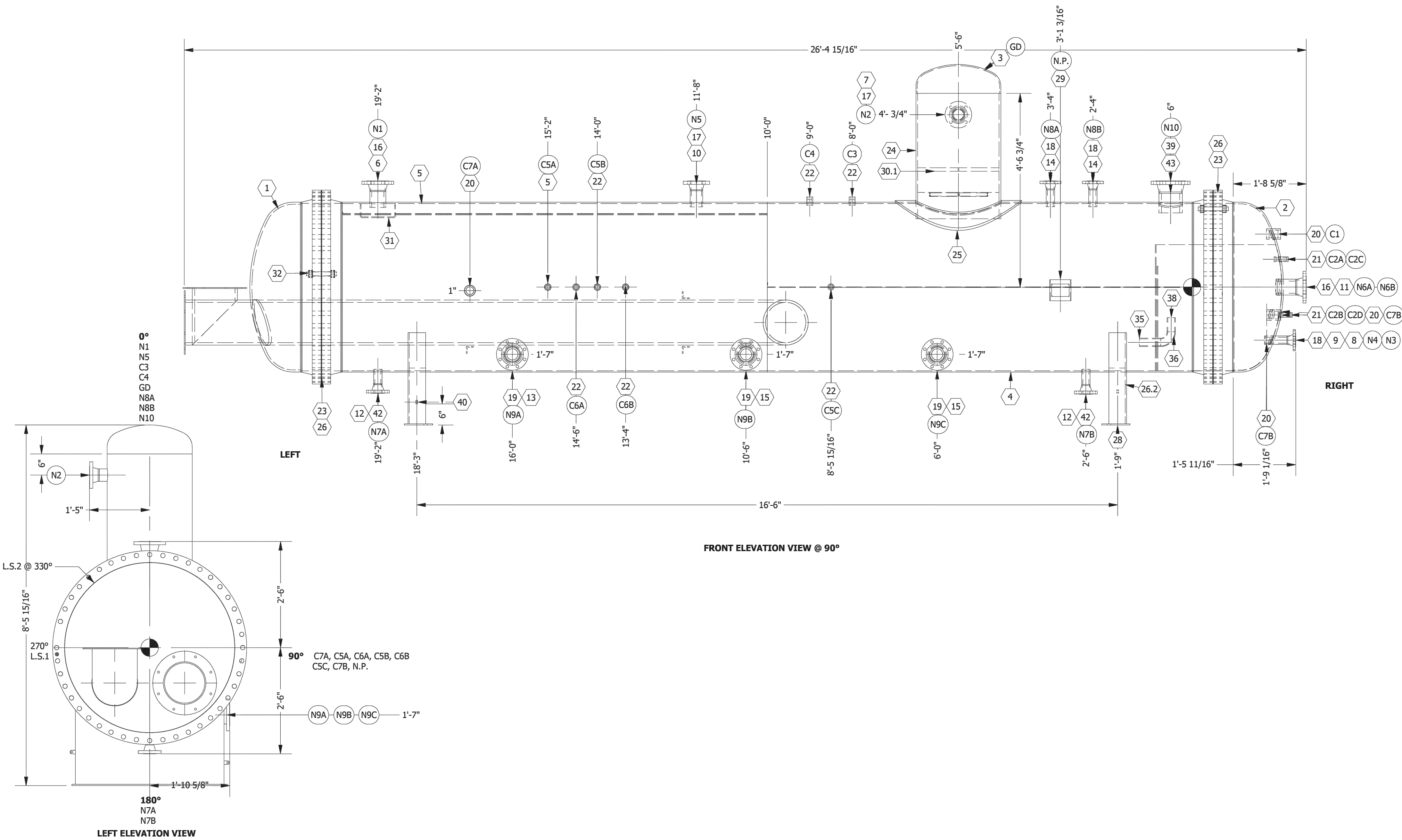


Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter
Drilling Rig	1	80	75	170	-
Hydraulic Cerkwalk	1	55	9	4	-
Pipe Rack	6	60	-	-	-
Shaker Tank	1	48	12	11	-
Mud Tank	2	48	12	11	-
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Site Security	1	20	20	12	-
Potable Water Tank	1	20	20	11	-
Cuttings Management	1	20	20	11	-

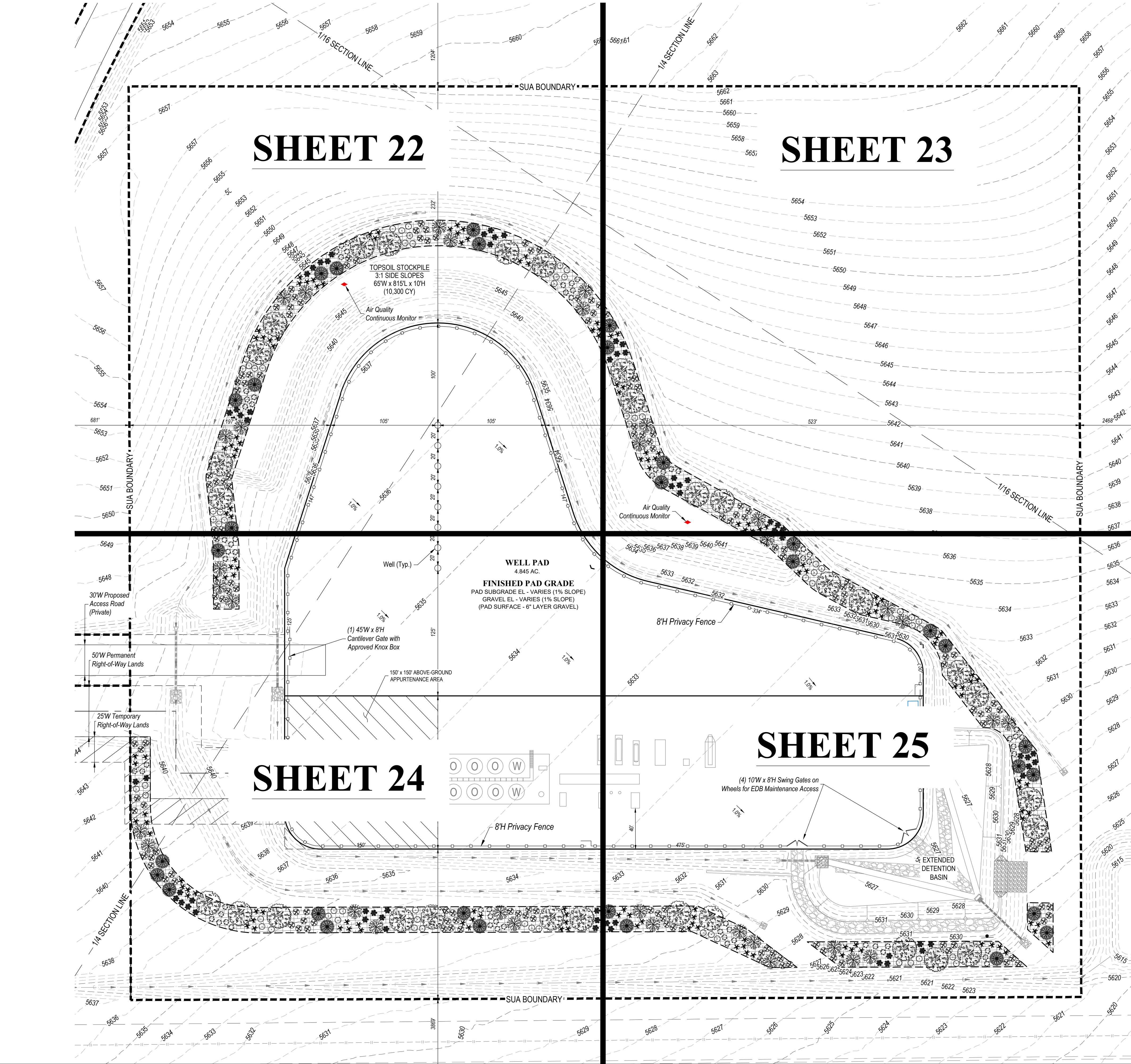
NOTES:
 1. GEMT EXPLORATION COMPANY, LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 8 CCR 1302-14 REGARDING PLACARDING AND CERTIFICATION OF NON-RESIDENTIAL MODULAR OR FACTORY-BUILT STRUCTURES.

INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO



DATE: 08/21/2024
DRAWN BY: C.D.C.
PROJECT: INVICTA 3-65-28 OIL & GAS PERMIT
SHEET: 22



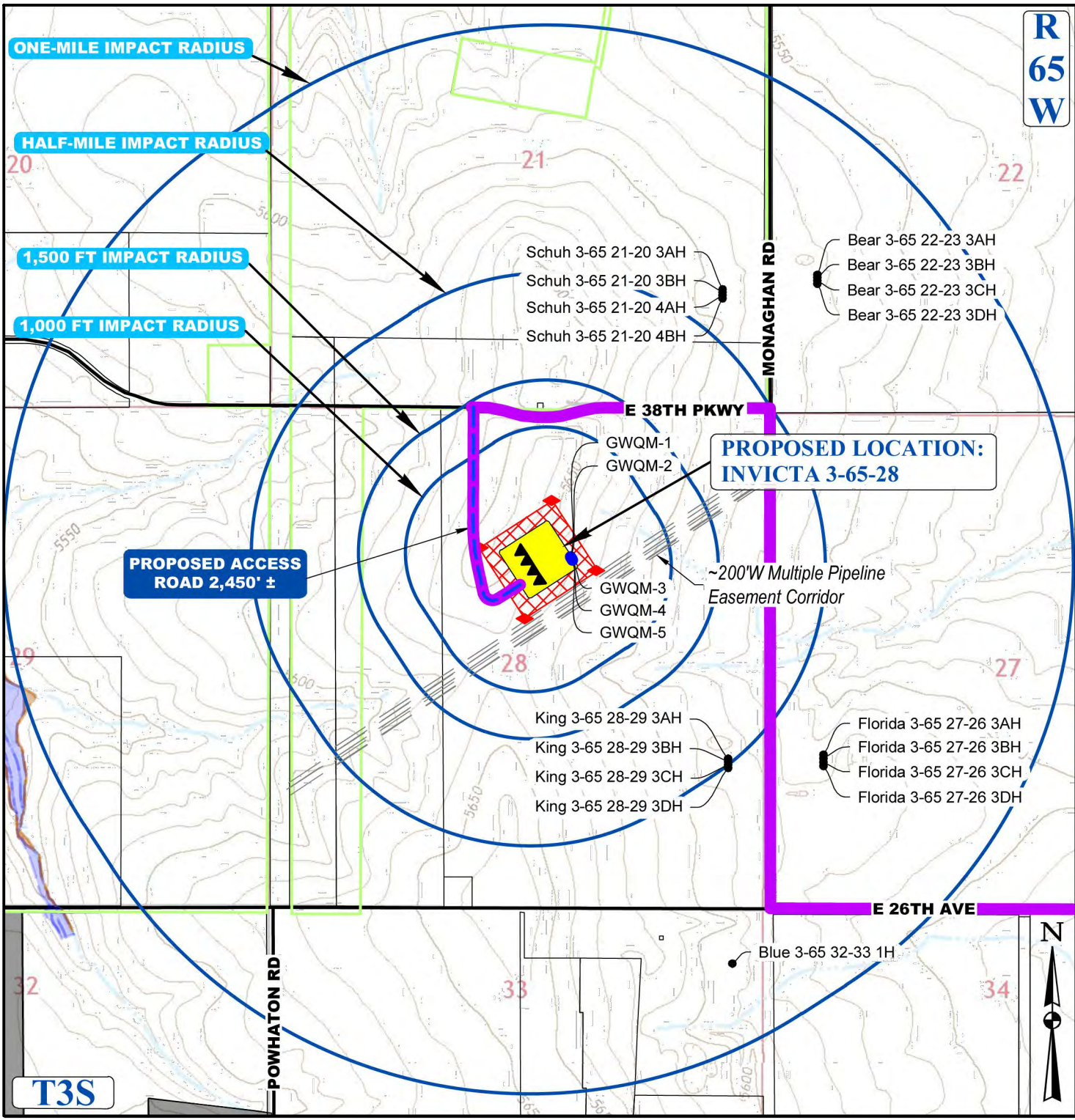
DISCLAIMER:
THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY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

NOTE:
1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 3S6636NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-020B, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470, AKA 19-020B.
2. EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM, EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.

SURVEY BENCHMARK	
COA ID: 3S6628SE001	DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 30' LONG STL PIPE IN CONC. @ COR. OF E 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE	
HAVING A STOP SIGN ON IT.	
LATITUDE: 39° 45' 16.16759" N (NAD 83)	
LONGITUDE: 104° 33' 33.95273" W (NAD 83)	
ELEV: 5584.96' (NAVD 88)	
DO NOT USE FOR PAD LOCATION.	

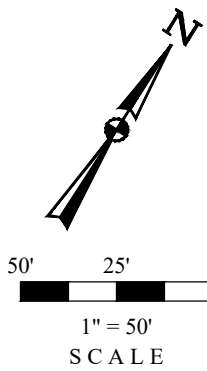


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CONTEXT MAP
SCALE: 1" = 1,500'

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 ECOMG OIS ONLINE AUGUST, 2023	NEIGHBORHOOD BOUNDARY
PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN



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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LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
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INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

REVISIONS
REV. DATE BY
1. 08/21/2024 C.D.C.

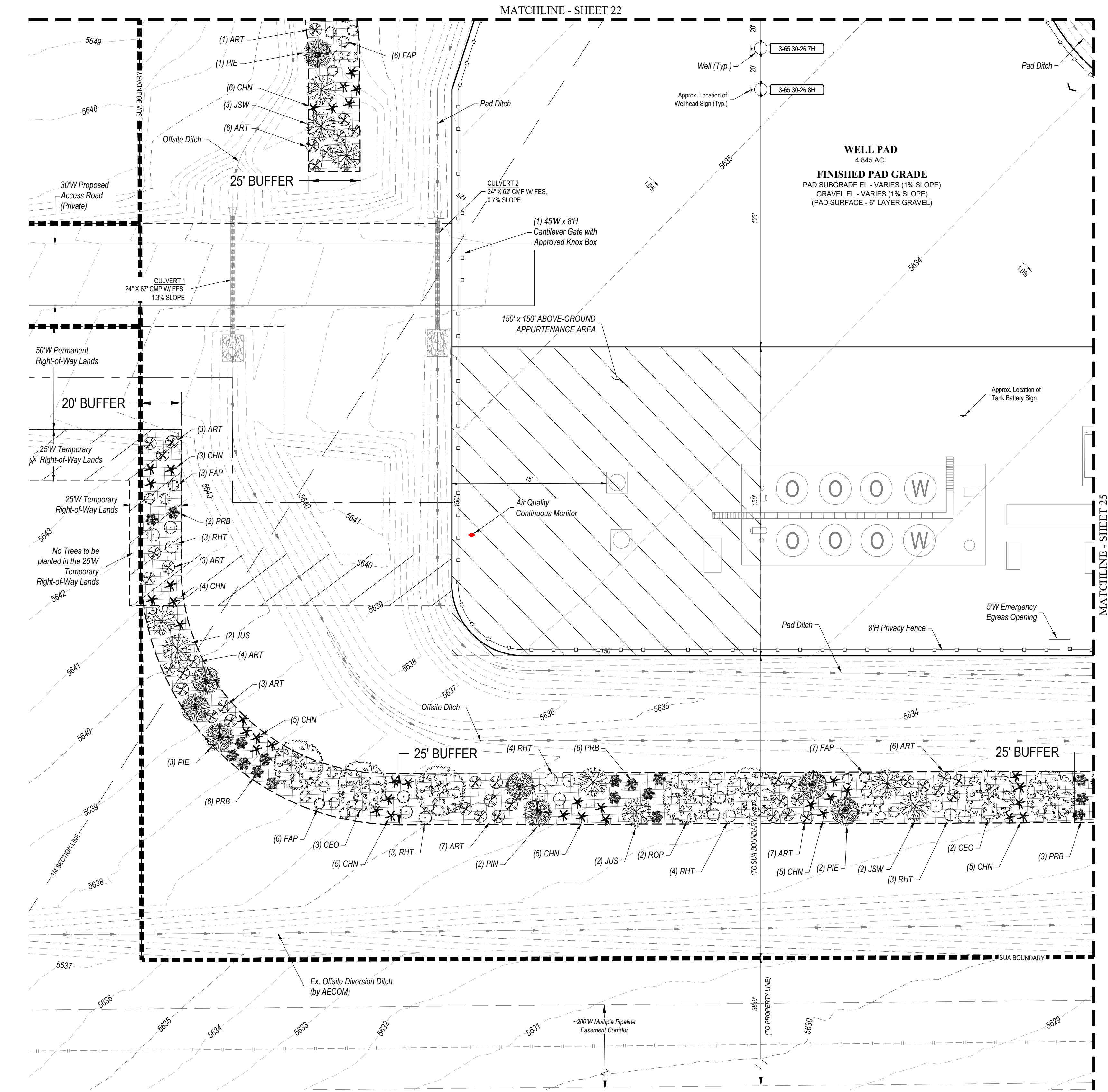
RESPONSIBLE ENGINEER:

LANDSCAPING PLAN OVERVIEW

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:
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21

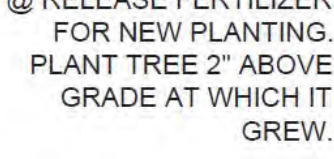
E:\FILE E-GIS\INVICTA 3-65-28\INVICTA 3-65-28\LANDSCAPE PLAN.dwg CARLSON 8/21/2024 4:18 PM ARCHITECTURE\DESIGN\LANDSCAPE PLAN.dwg



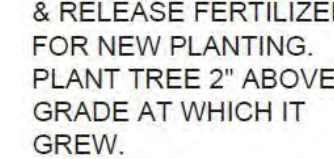
27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO

5. ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH THE COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

17. ALL EXISTING TREES SHALL BE SAVED AND PROTECTED (TRANSPLANTED IF NECESSARY), UNLESS OTHERWISE NOTED.



1



2



3

NOTE:

1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 356636NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-020B, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-020B
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SURVEY BENCHMARK
COA ID: 3365285E001
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 30' LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
(PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE
HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.16759" N
LONGITUDE: 104° 39' 33.95273" W (NAD 83)
ELEV: 5584.96' (NAVD 88)
DO NOT USE FOR PAD LOCATION.

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Evans, CO 80620
(970) 506-1544



GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

[illegible]

RESPONSIBLE ENGINEER

LANDSCAPING
NOTES & DETAILS

SCALE: NO SCALE
DRAWN BY: C.D.C.
DATE DRAWN: 08-21-2024
PROJ.NO: GMT01-23-0001
UELS FILE NO.:

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NOT FOR CONSTRUCTION

IRRIGATION PLAN ON



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