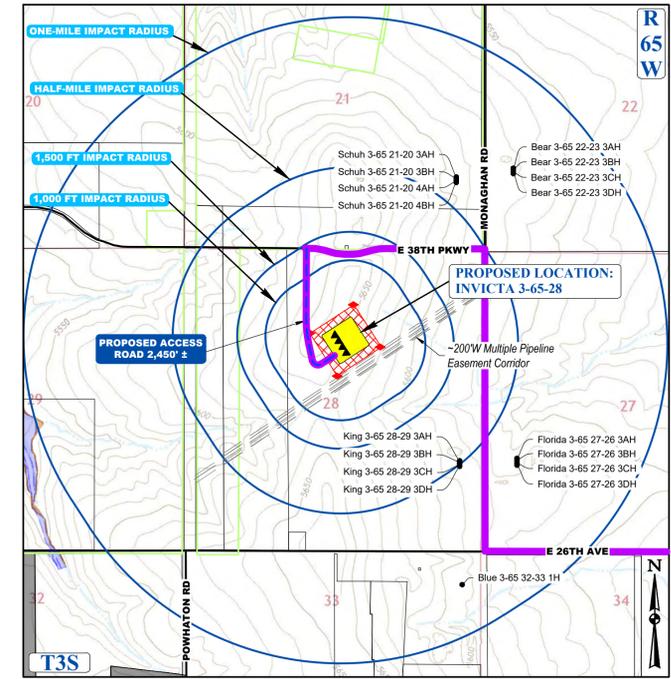
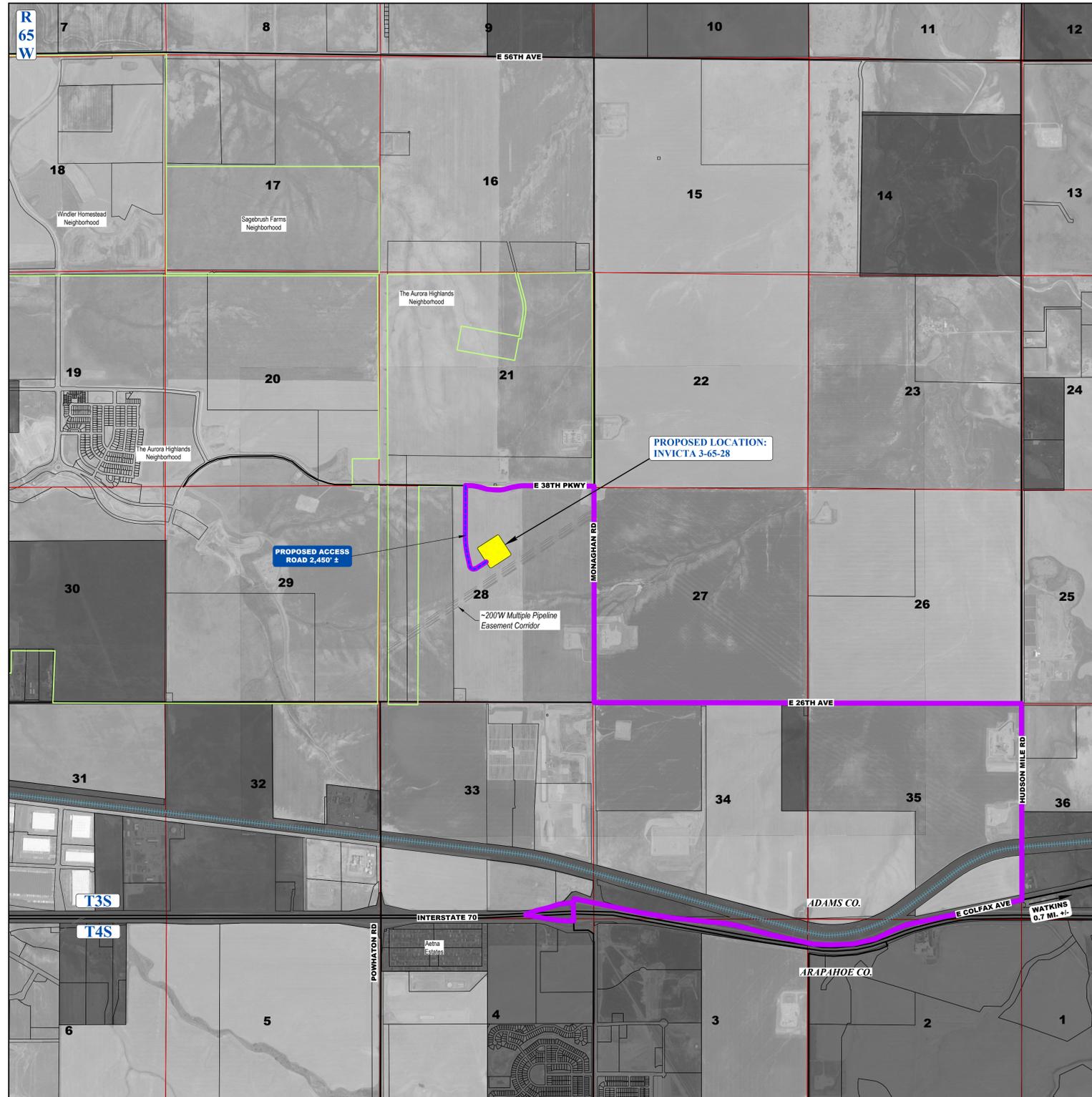


INVICTA 3-65-28 OIL & GAS PERMIT
 (INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
 N 1/2 SECTION 28, TOWNSHIP 3 SOUTH, RANGE 65 WEST, OF THE 6TH PRINCIPAL MERIDIAN
 27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



CONTEXT MAP
 SCALE: 1" = 1,500'

LEGEND	
	PROPOSED OIL AND GAS WELL SITE
	OCCUPIED STRUCTURE/RESIDENCE
	MUNICIPAL BOUNDARY
	LIMITS OF SITE DISTURBANCE
	PERMITTED OIL AND GAS WELL SITE PER EOGG OIS ONLINE AUGUST, 2023
	PROPOSED GROUND WATER QUALITY MONITORING WELLS
	PROPOSED AIR QUALITY MONITORING STATIONS
	EXISTING ROAD
	PROPOSED ROAD
	HAUL ROUTE
	PARCEL BOUNDARY
	NEIGHBORHOOD BOUNDARY
	100-YR FLOODPLAIN
	500-YR FLOODPLAIN

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

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

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

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

SURVEY BENCHMARK
 COA ID: 38628SE001
 DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A)
 ATOP A 37" LONG STL PIPE IN CONC @ COR. OF E. 26TH AVE (PAVED) & MONAGHAN RD, BEING 1FT. N.W. OF P.W.R. POLE
 HAVING A STOP SIGN ON IT.
 LATITUDE: 39° 45' 16.16759" N
 LONGITUDE: 104° 39' 33.95272" W (NAD 83)
 ELEV: 5584.96' (NAVD 88)
 DO NOT USE FOR PAD LOCATION

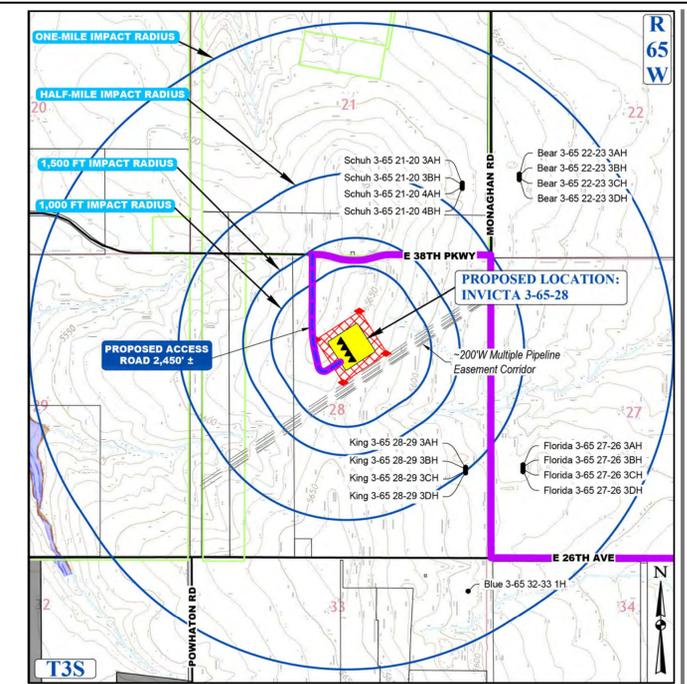
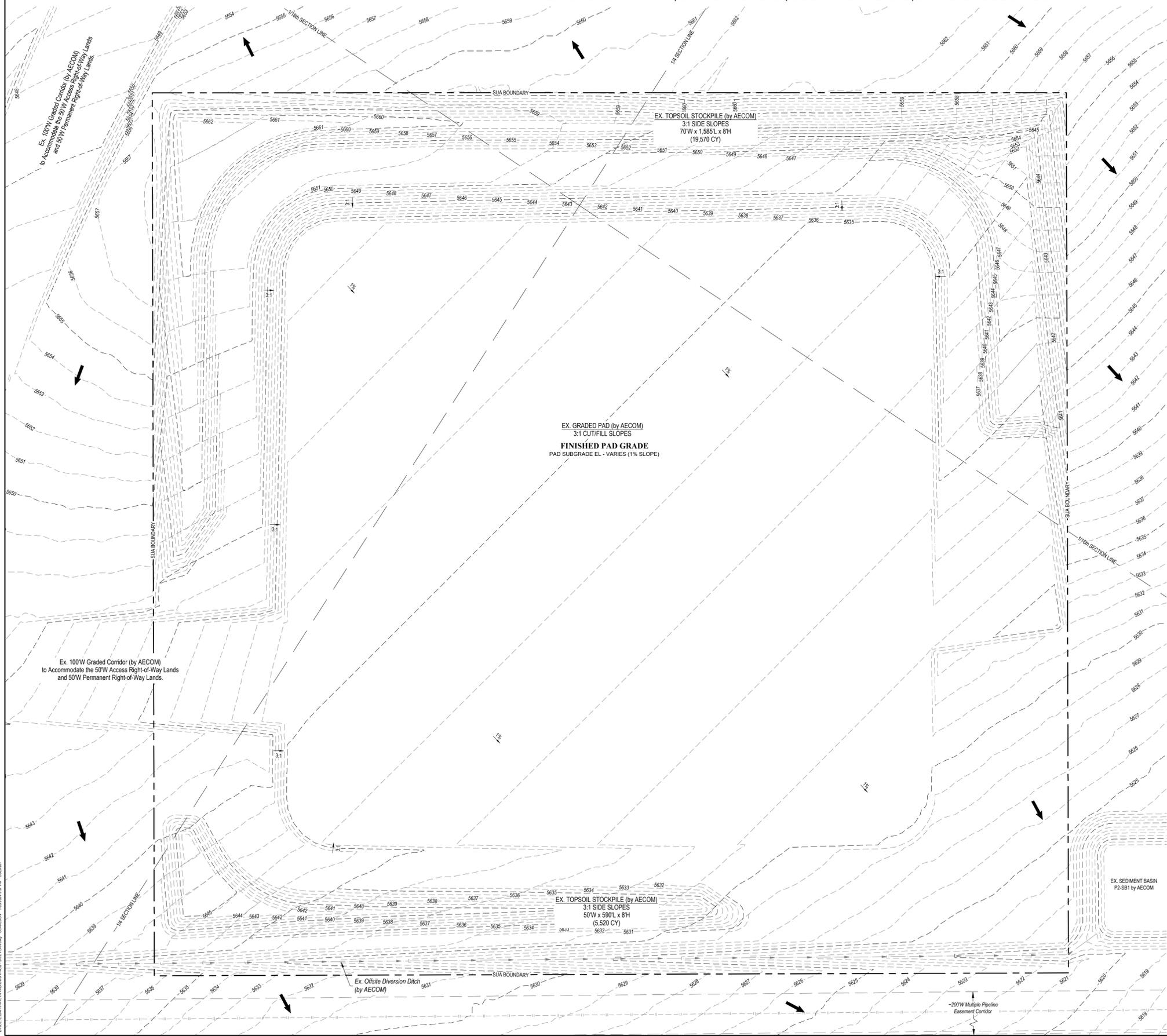
CALL 811
 TWO WORKING DAYS
BEFORE YOU DIG
 1-800-922-1987

REVISIONS
DATE
BY
DATE
BY
DATE
BY
RESPONSIBLE ENGINEER:
VICINITY MAP
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO. GMT01-23-0001
UELS FILE NO.:
G - 1722
SHEET
2

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
	OCCUPIED STRUCTURE/RESIDENCE
	MUNICIPAL BOUNDARY
	LIMITS OF SITE DISTURBANCE
	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2023
	PROPOSED GROUND WATER QUALITY MONITORING WELLS
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	EXISTING ROAD
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	HAUL ROUTE
	PARCEL BOUNDARY
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	100-YR FLOODPLAIN
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NOTE:

- 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.
- 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)
ATOR: 4.37' LONG STL. PIPE W/ 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' 33.95272" W (NAD 83)
ELEV: 5584.96' (NAVD 88)	DO NOT USE FOR PAD LOCATION.

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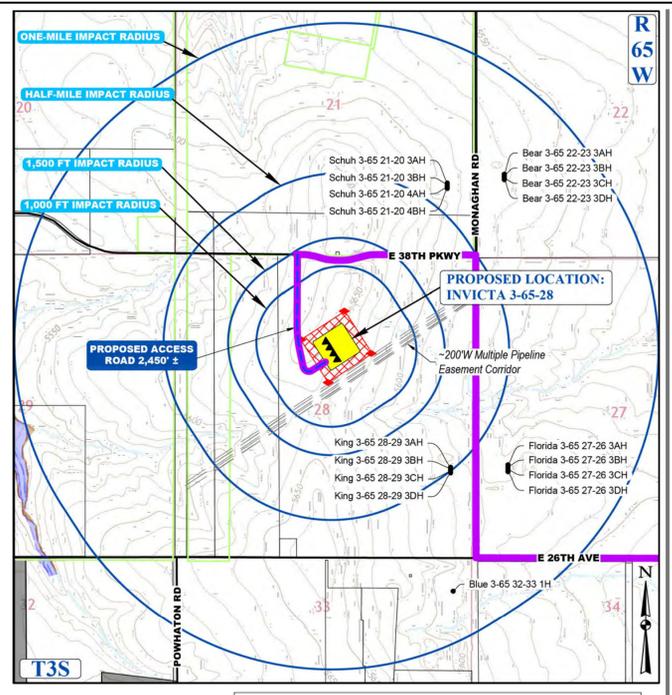
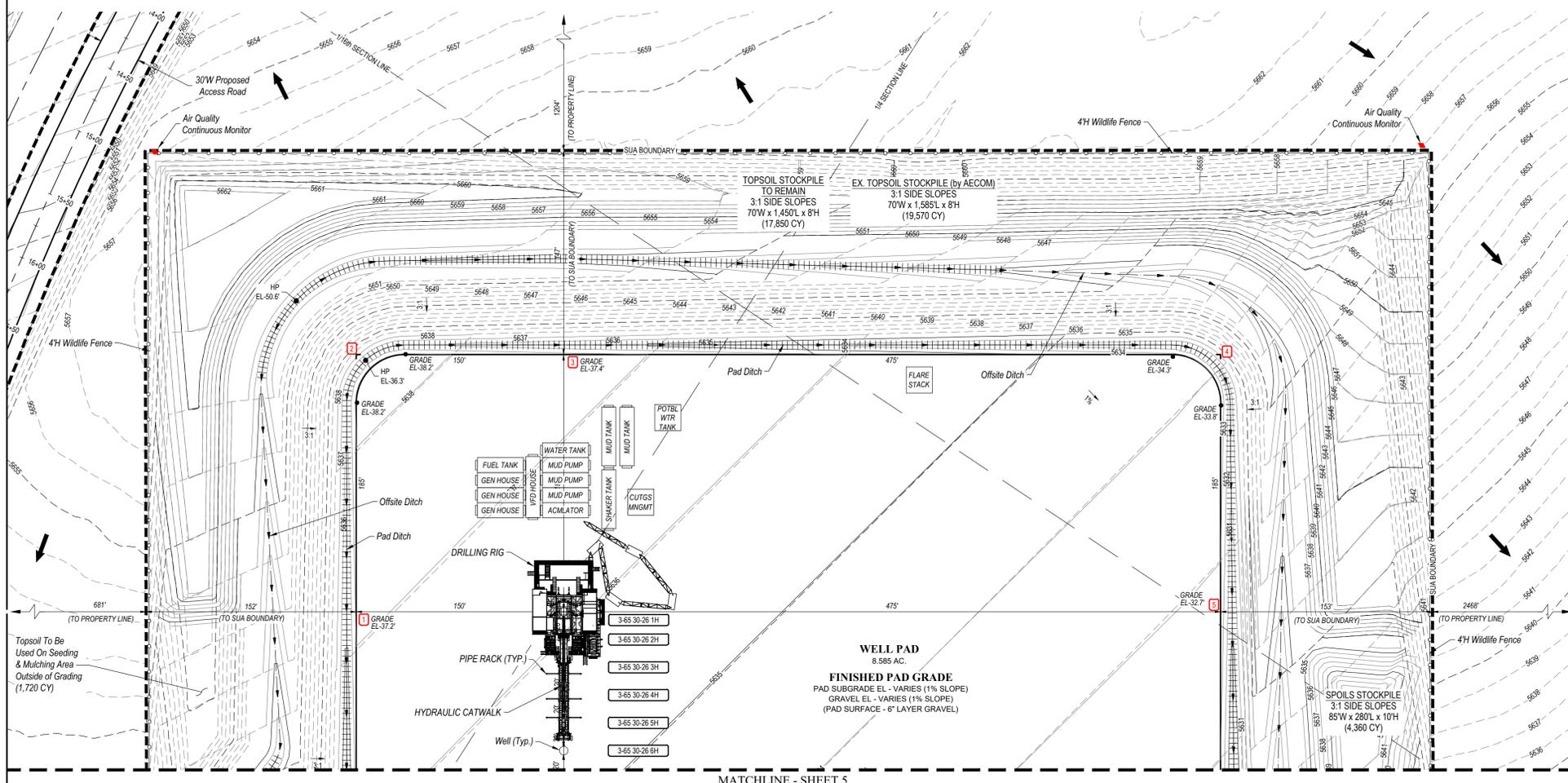
INVICTA 3-65-28
SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.
CITY OF AURORA, ADAMS COUNTY, COLORADO

REVISIONS	DATE	BY	REV
RESPONSIBLE ENGINEER:			
EXISTING CONDITIONS SITE PLAN			
SCALE: AS NOTED			
DRAWN BY: C.D.C.			
DATE DRAWN: 01-25-2024			
PROJ. NO: GMT01-23-0001			
SHEET FILE NO.:			
G - 1722			
SHEET			
3			

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

Drilling Equipment Recommended Dimension Table

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	-

STRUCTURAL BEST MANAGEMENT PRACTICES:

- 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. THE BERMS WILL BE PLACED IN THE INTERIM PHASE WHILE THE RRCs WILL BE PLACED IN THE INITIAL AND INTERIM PHASES PER THE SWMP PLANS.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.

GENERAL CONSTRUCTION NOTES:

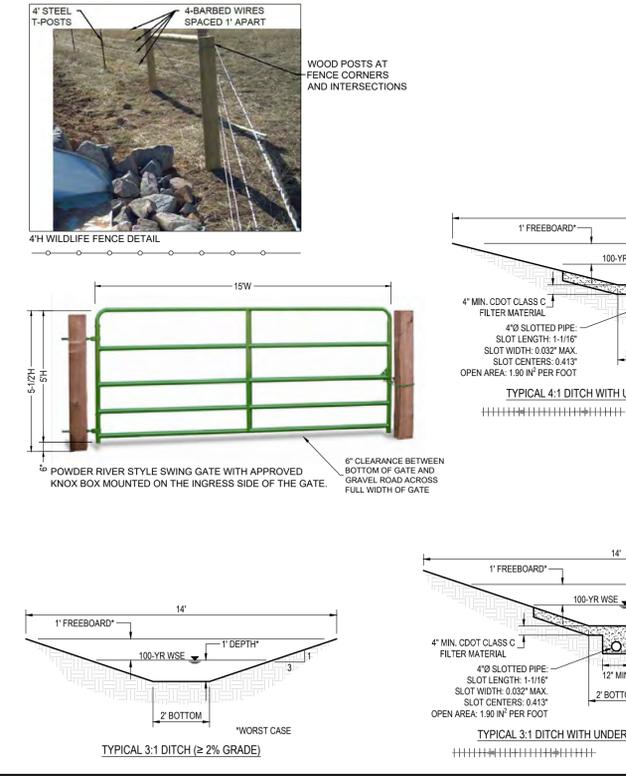
- THE SITE PLAN, EQUIPMENT AND INFORMATION SHOWN HEREIN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE USED FOR CONSTRUCTION. ENGINEERED SWMP DRAWINGS RELATIVE TO THIS SITE WILL BE SUBMITTED AND APPROVED FOLLOWING APPLICABLE CITY OF AURORA STANDARDS AND PROCEDURES.
- THE DIMENSIONS AND LAYOUT DEPICTED 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.
- ESTIMATED SITE ACTIVITY SCHEDULE:
DRILLING - 76 DAYS, 24 HOURS/DAY
HYDRAULIC FRACTURING - 90 DAYS, 24 HOURS/DAY
PRODUCTION - 20+ YEARS
- THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
- A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
- 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.
- 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.
- AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

BEST MANAGEMENT PRACTICES:

- 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:

- WATER PUMP
TYPE - GRUNDFOS CENTRIFUGAL
CAPACITY - 22 GPM MAX.
FEED DISCHARGE CONNECTION - 3/4" CAMLOCKS
ELEVATED - NOT ELEVATED, ON A SKID ON THE GROUND
- 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:

EMERGENCY NUMBER
866-868-3028

INVICTA 3-65 30-26 8HN
N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
ADAMS COUNTY, COLORADO

39° 45' 52.12" N 104° 40' 06.88" W
ADAMS COUNTY, COLORADO

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

COMPACTION SPECIFICATIONS:

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

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: PREMIER ROAD BASE MATERIAL, 1.1-1.5 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:

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

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NOTES:

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SURVEY BENCHMARK

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HAVING A STOP SIGN ON IT.
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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

DATE	BY	REVISION	RESPONSIBLE ENGINEER:

DRILLING OPERATIONS SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO.: GMT01-23-0001
UTLS FILE NO.:

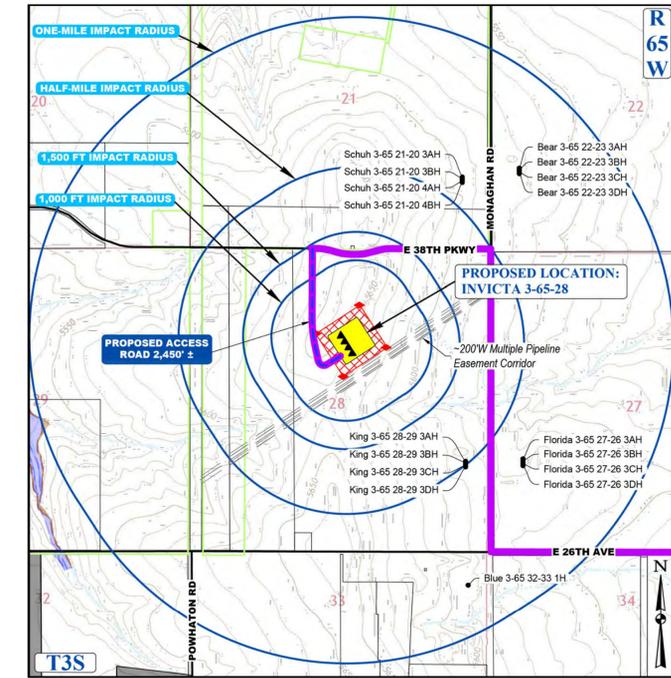
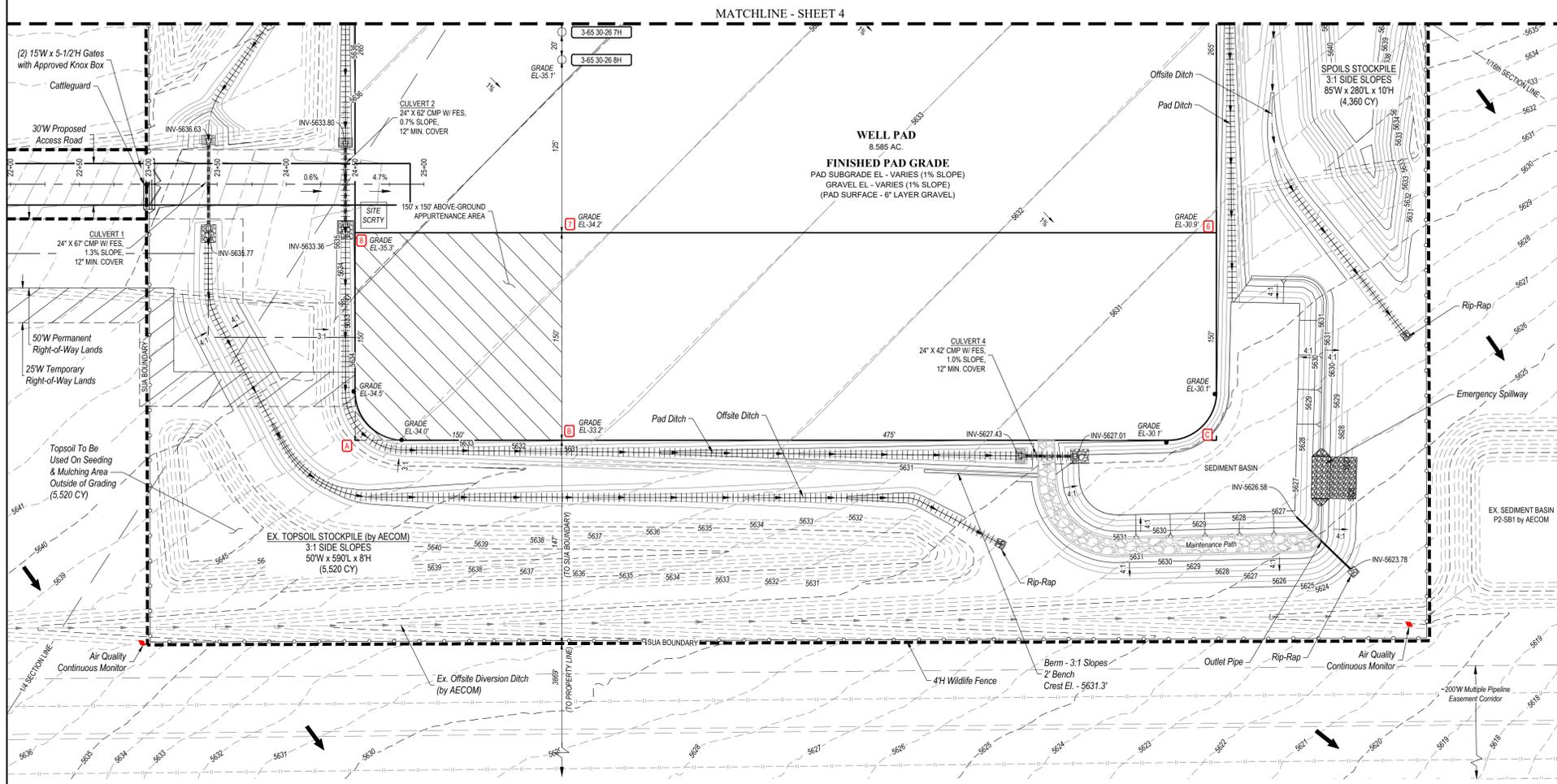
G - 1722

SHEET 4

INVICTA 3-65-28 OIL & GAS PERMIT

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

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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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- 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.
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- 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.
- 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.
- 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.
- 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.
- 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: PREMIER ROAD BASE MATERIAL, 1.1-1.5 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:**
- LIGHTING SHALL BE DIRECTED DOWNWARD AND WILL NOT SHINE BEYOND THE BOUNDARIES OF THE WELL SITE.

GENERAL CONSTRUCTION NOTES:

- 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.
- 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.
- ESTIMATED SITE ACTIVITY SCHEDULE:
DRILLING - 76 DAYS, 24 HOURS/DAY
HYDRAULIC FRACTURING - 90 DAYS, 24 HOURS/DAY
PRODUCTION - 20+ YEARS
- THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
- A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
- 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.
- 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.
- AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

BEST MANAGEMENT PRACTICES:

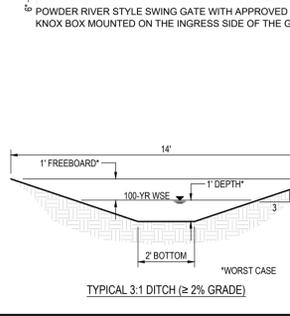
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WATER AND SEWER PUMP SPECIFICATIONS:

- WATER PUMP**
TYPE - GRUNDFOS CENTRIFUGAL
CAPACITY - 22 GPM MAX.
FEED DISCHARGE CONNECTION - 3/4" CAMLOCKS
ELEVATED - NOT ELEVATED, ON A SKID ON THE GROUND
- 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

DISCLAIMER:
THIS PLAN 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.

- NOTES:**
- EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 358638N003 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.
 - EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM, EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.



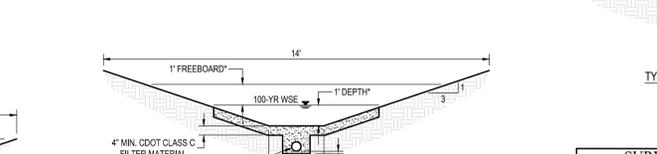
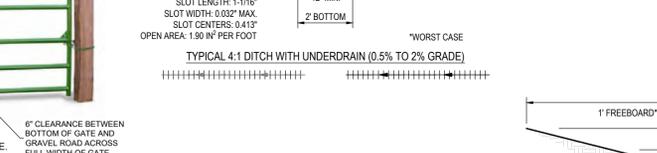
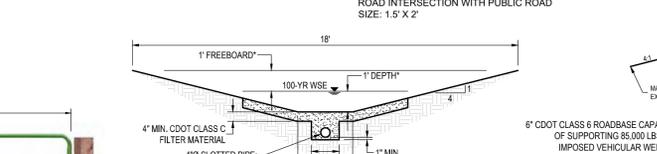
SIGNAGE:

GMT Exploration Company LLC
EMERGENCY NUMBER
866-868-3028

INVICTA 3-65 30-26 8HN
N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
39° 45' 52.12" N 104° 40' 06.88" W
ADAMS COUNTY, COLORADO

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

DANGER
NO TRESPASSING
AUTHORIZED PERSONNEL ONLY



Drilling Equipment Representative Dimension Table

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	-

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

SURVEY BENCHMARK

COA ID: 358285E001
DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 37' 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' 33.95272" 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

UNCC
UTILITY NOTIFICATION CENTER OF COLORADO

DATE: _____

BY: _____

RESPECTABLE ENGINEER:

DRILLING OPERATIONS SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO.: GMT01-23-0001
SHEET NO.: _____

G-1722

5

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.
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.
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ACCESS ROAD AND PAD CONSTRUCTION NOTE:

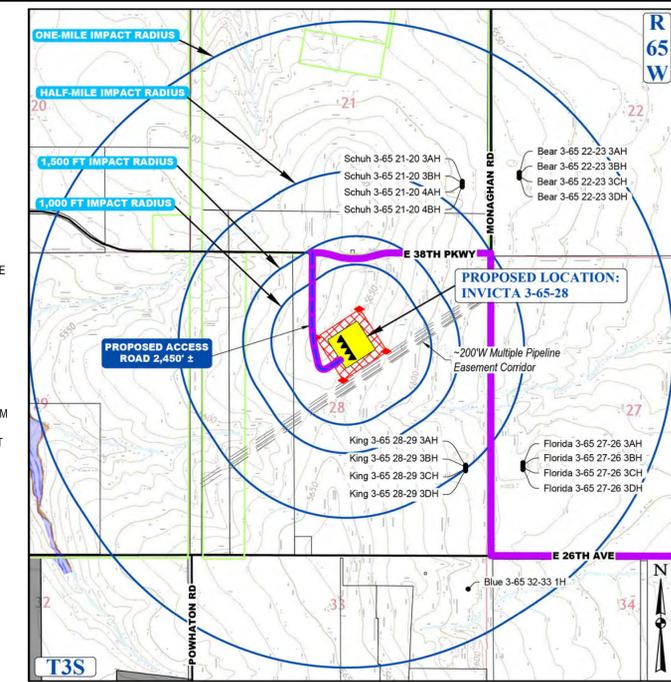
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 HYDRAULIC FRACTURING - 90 DAYS, 24 HOURS/DAY
 PRODUCTION - 20+ YEARS
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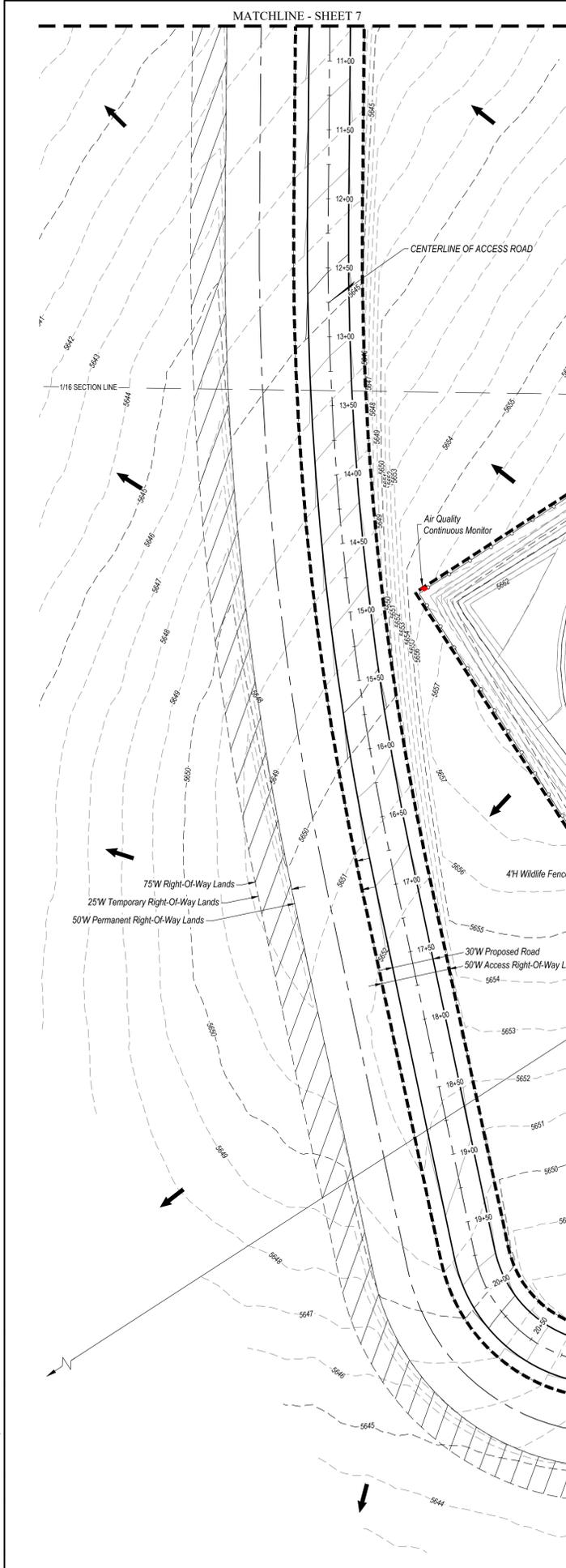
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CONTEXT MAP
SCALE: 1" = 1,500'

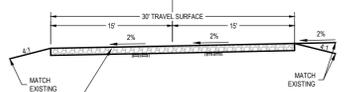
LEGEND	
	PROPOSED OIL AND GAS WELL SITE
	OCCUPIED STRUCTURE/RESIDENCE
	MUNICIPAL BOUNDARY
	LIMITS OF SITE DISTURBANCE
	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2023
	PROPOSED GROUND WATER QUALITY MONITORING WELLS
	PROPOSED AIR QUALITY MONITORING STATIONS
	EXISTING ROAD
	PROPOSED ROAD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

LEGEND	
	WELL PAD CORNER STAKE
	DESIGN "C" CUT OR "F" FILL TO FINISHED GRADE
	EXISTING GROUND ELEV. AT CORNER STAKE (TRUNCATED LESS 500 FEET)
	DIVERSION DITCH
	LIMITS OF CONSTRUCTION
	PROPERTY LINE
	PROPOSED WILLOW FENCE
	EXISTING FENCE
	RIGHT-OF-WAY
	EASEMENT CORRIDOR
	EXISTING BURIED PIPELINE
	EXISTING MAJOR CONTOUR
	PROPOSED MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MINOR CONTOUR
	RIP-RAP OUTLET PROTECTION
	SEDIMENT BASIN
	FLOW DIRECTION
	AIR QUALITY MONITORING SITE
	SIGHT TRIANGLE
	FILL
	GROUND WATER QUALITY MONITORING WELL



WELL PAD
8.585 AC.

COMPACTION SPECIFICATIONS:
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 2. MOISTURE CONDITION TO WITHIN ±2% OF THE OPTIMUM MOISTURE CONTENT, AS DETERMINED BY THE MATERIAL PROCTOR.



TYPICAL 30W ACCESS ROAD CROSS SECTION (PRIVATE)
N.T.S.

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- NOTE:**
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 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: 356636NE001	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' 33.95272" 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

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ENGINEERING AND
LAND SURVEYING SERVICES
85 South 200 East, Vernal, UT 84078
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: 01-25-2024
PROJ. NO: GMT01-23-0001
SHEET FILE NO.:
G - 1722

SHEET
6

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:

- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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.
- 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: 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:

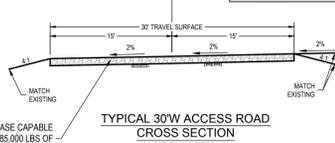
- THE SITE PLAN, EQUIPMENT AND INFORMATION SHOWN HEREIN ARE FOR REFERENCE ONLY AND ARE NOT INTENDED TO BE USED FOR CONSTRUCTION. ENGINEERED SWMP DRAWINGS RELATIVE TO THIS SITE WILL BE SUBMITTED AND APPROVED FOLLOWING APPLICABLE CITY OF AURORA STANDARDS AND PROCEDURES.
- THE DIMENSIONS AND LAYOUT DEPICTED 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.
- ESTIMATED SITE ACTIVITY SCHEDULE:
DRILLING - 76 DAYS, 24 HOURS/DAY
HYDRAULIC FRACTURING - 90 DAYS, 24 HOURS/DAY
PRODUCTION - 20+ YEARS
- THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
- A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
- 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.
- 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.
- AFTER CLOSURE OF THE WELL, THE APPLICANT WILL RE-CONTOUR, RECLAIM, AND RESEED THE WELL PAD.

BEST MANAGEMENT PRACTICES:

- 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.

COMPACTION SPECIFICATIONS:

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

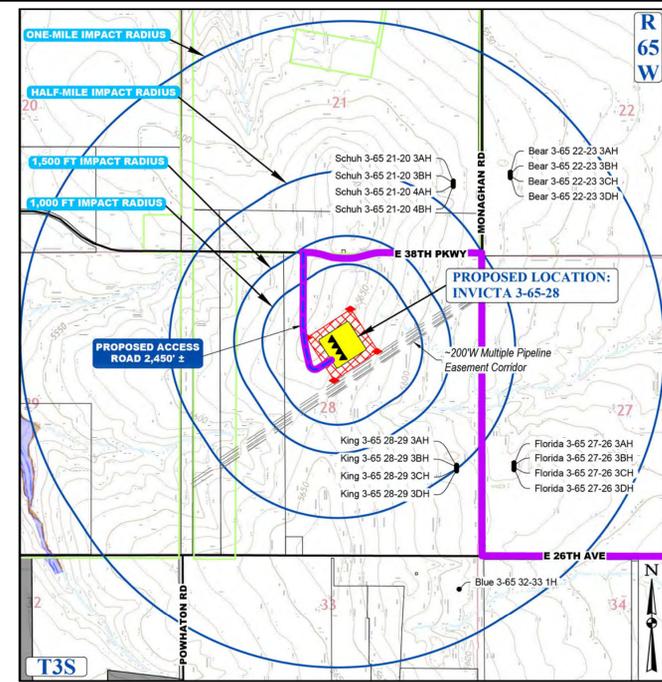


DISCLAIMER:

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:

- 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, 19-020B, 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.
- EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECOM, NOTIFIED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.



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

LEGEND	
○	WELL PAD CORNER STAKE
—	DESIGN "C" CUT OR "F" FILL TO FINISHED GRADE
—	EXISTING GROUND LEVEL AT CORNER STAKE (TRUNCATED LESS 5.000 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
—	SEDIMENT BASIN
—	FLOW DIRECTION
—	AIR QUALITY MONITORING SITE SIGHT TRIANGLE
—	FILL
●	GROUND WATER QUALITY MONITORING WELL

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- 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: 01-25-2024
PROJ. NO: GMT01-23-0001
SHEET FILE NO.:
G - 1722

SHEET
7

SURVEY BENCHMARK

COA ID: 386288E001
DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A)
ATOR: A 37' LONG STL PIPE IN CONC. @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1 FT. N.W. OF PWR. POLE HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.0759" N
LONGITUDE: 104° 39' 33.95272" 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

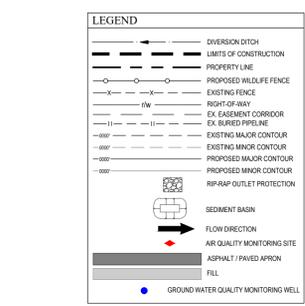
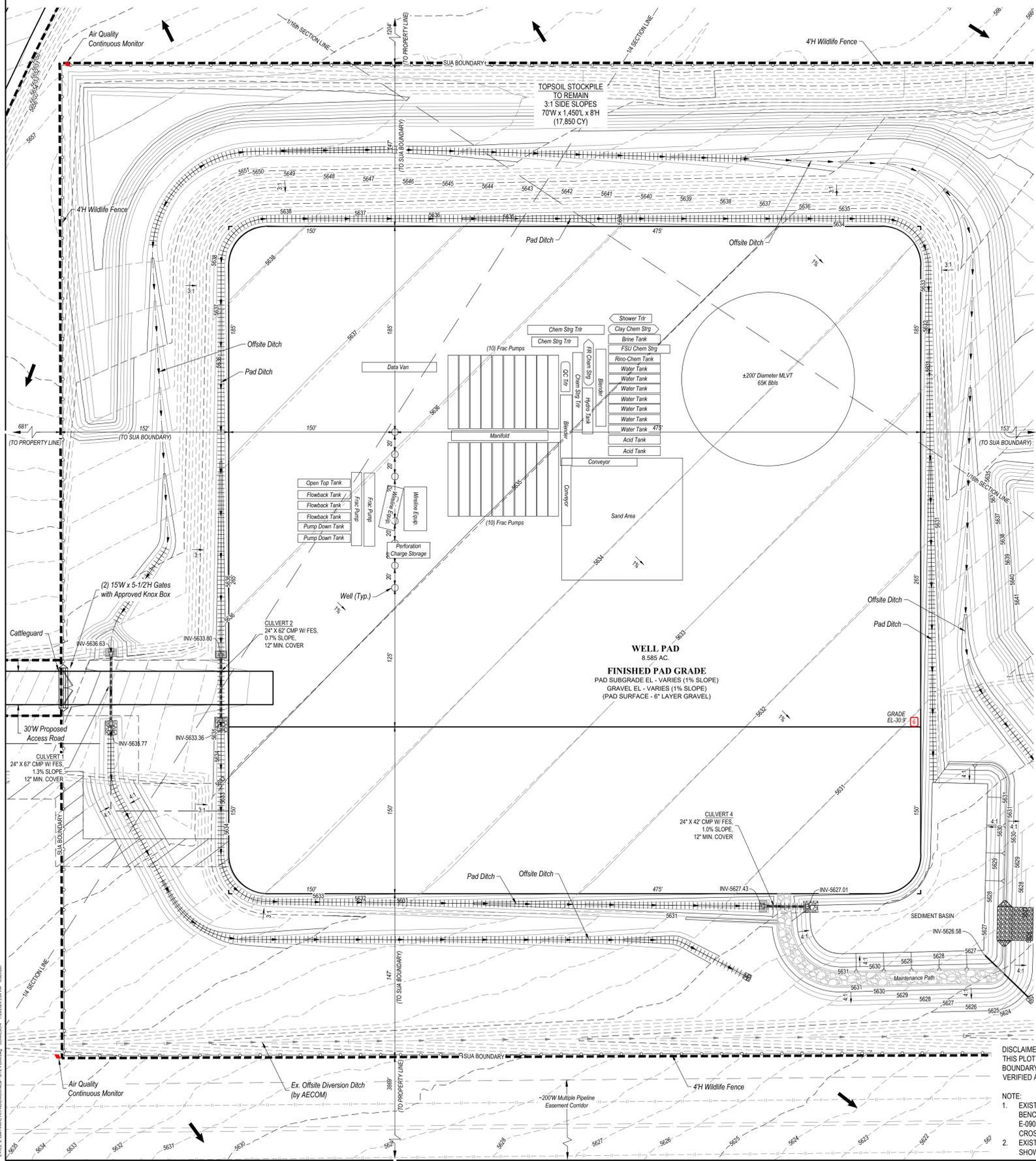
UNCC
UTILITY NOTIFICATION CENTER OF COLORADO

FILE: E:\INVICTA\INVICTA\3-65-28\3-65-28-01-23-0001-01-25-2024.DWG

INVICTA 3-65-28 OIL & GAS PERMIT

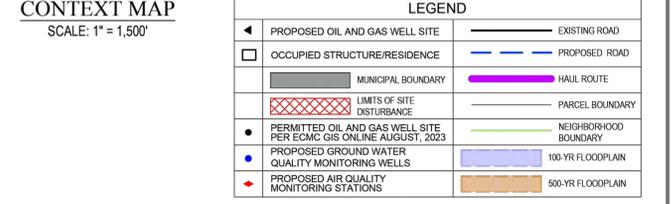
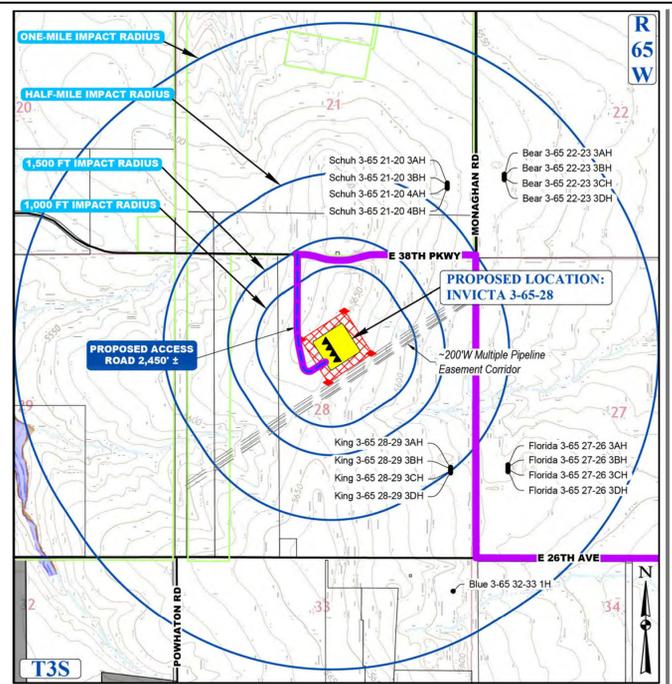
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)

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



Completions Equipment Table

ITEM	QTY
SHOWER TRAILER	1
CLAY CHEMICAL STORAGE	1
BRINE TANK	1
FSU CHEMICAL STORAGE	1
RINO-CHEMICAL TANK	1
WATER TANK	7
ACID TANK	2
CHEMICAL STORAGE TRAILER	3
FR CHEMICAL STORAGE	1
HYDRO TANK	1
BLENDER	2
QC TRAILER	1
CONVEYOR	2
SAND AREA	1
FRAC PUMPS	22
MANIFOLD	1
DATA VAN	1
WIRELINE EQUIPMENT	2
PERFORATION CHARGE STORAGE	1
OPEN TOP TANK	1
FLOWBACK TANK	3
PUMP DOWN TANK	2



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

DISCLAIMER:
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- NOTE:**
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SURVEY BENCHMARK
COA ID: 358628E001
DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A) ATOP A 37' LONG STL PIPE IN CONC. @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1 FT. N.W. OF P.W. POLE HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.16759" N
LONGITUDE: 104° 39' 33.95272" W (NAD 83)
ELEV: 5584.96' (NAVD 88)
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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

REV	DATE	BY	DESCRIPTION

RESPONSIBLE ENGINEER:

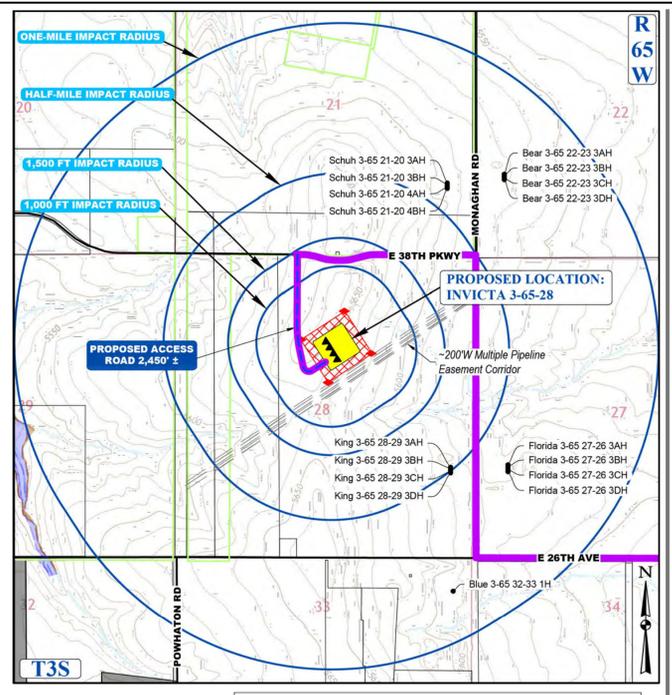
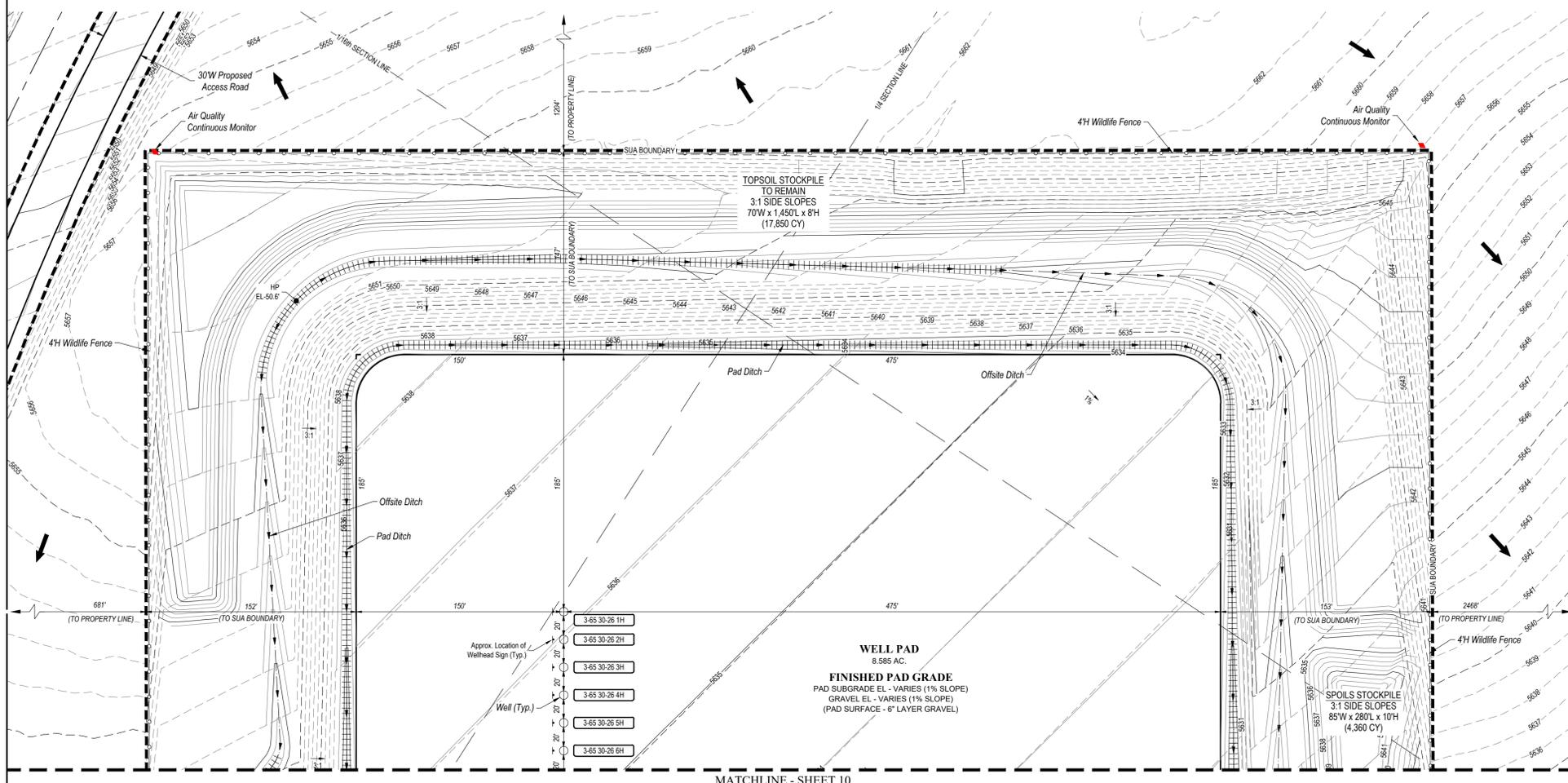
COMPLETION OPERATIONS SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO. GMT01-23-0001
SHEET NO. 8

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



CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND	
	EXISTING ROAD
	PROPOSED ROAD
	HAUL ROUTE
	PARCEL BOUNDARY
	NEIGHBORHOOD BOUNDARY
	100-YR FLOODPLAIN
	500-YR FLOODPLAIN

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

STRUCTURAL BEST MANAGEMENT PRACTICES:

1. REINFORCED ROCK BERMS (RRB) AND (RRC) - REINFORCED ROCK BERMS (RRC) SHALL BE UTILIZED IMMEDIATELY UPSTREAM OF THE CULVERTS. REINFORCED ROCK BERMS (RRB) WILL ALSO BE PLACED INTERMITTENTLY ALONG THE FLOWLINE OF THE ROADSIDE DITCHES. THE BERMS 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 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 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.
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.

SIGNAGE:

GENERAL CONSTRUCTION NOTES:

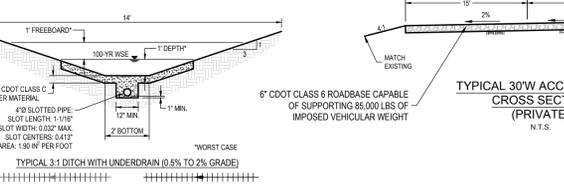
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2. THE DIMENSIONS AND LAYOUT DEPICTED IN THE SITE PLAN SHOW ARE OF A RIG LAYOUT FOR A TYPICAL WELL SITE. ACTUAL DIMENSIONS AND LAYOUT MAY CHANGE BASED ON THE VARIABILITY OF THE EQUIPMENT.
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6. WHEN 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 WEEED AND SNOW REMOVAL, AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
7. GMT EXPLORATION COMPANY, LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE WITH COLORADO STATE REGULATION 6 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.

DISCLAIMER:
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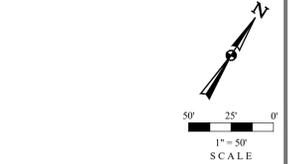
- NOTE:**
1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 356636N003 BEING A 3" DIAMETER BRASS CAP STAMPED 'COA BM, E-19-020B, E-090A' LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH 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: 356636N003
DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-19-020B) ATOP A 27' LONG STEEL PIPE IN CONC. @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 11' N.W. OF P.W. POLE HAVING A STOP SIGN ON IT.
LATITUDE: 39° 45' 16.0759" N
LONGITUDE: 104° 39' 33.9527" W (NAD 83)
ELEV: 5584.96 (NAVD 88)
DO NOT USE FOR PAD LOCATION.

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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- 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

RESPONSIBLE ENGINEER: _____

PRODUCTION OPERATIONS SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO: GMT01-23-0001
SHEET: **G-1722**

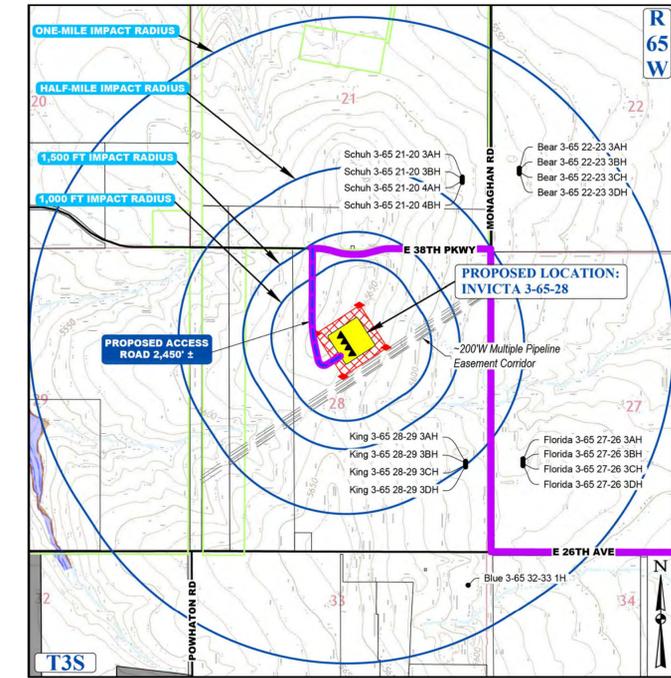
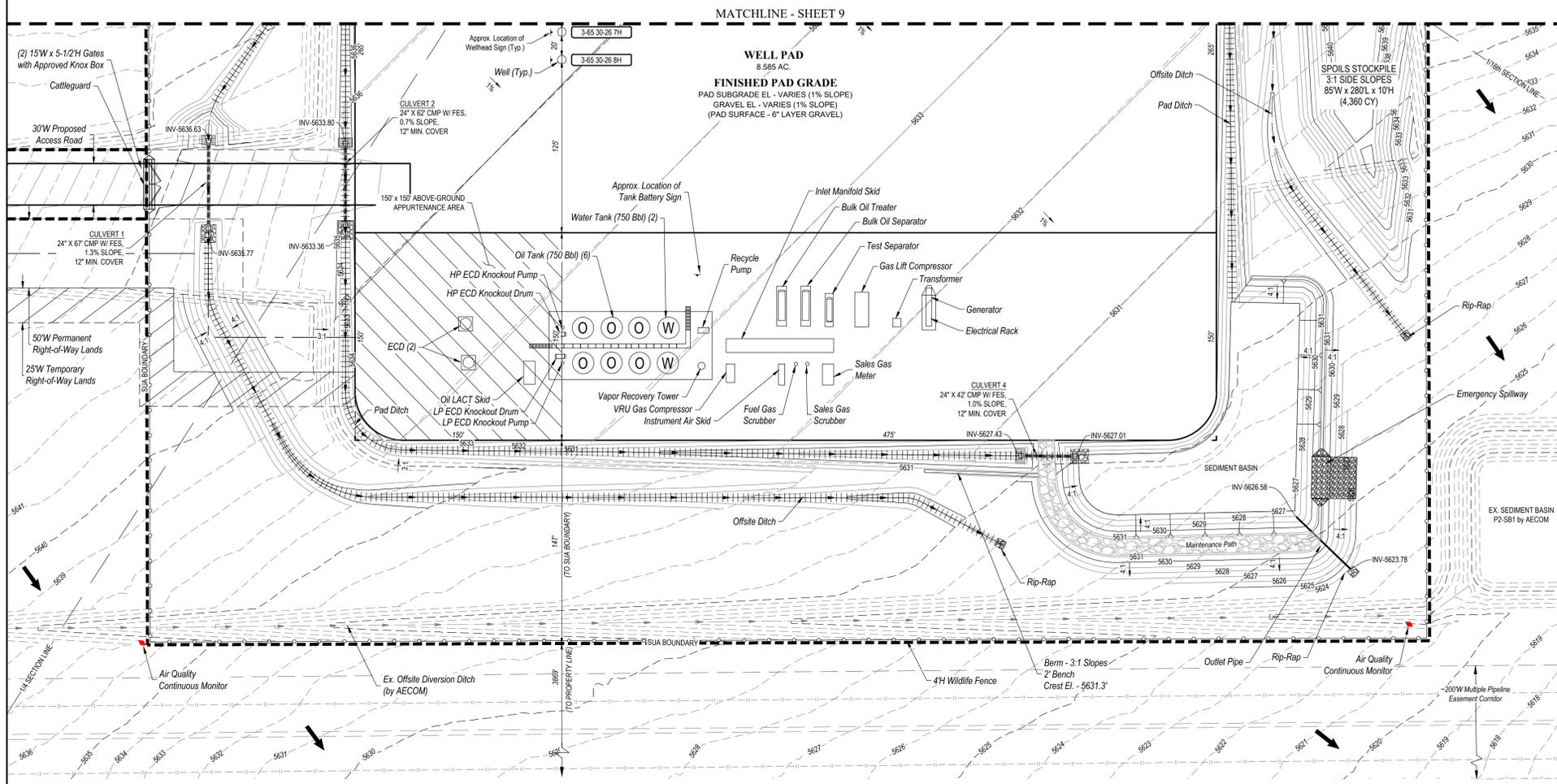
CALL 811
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1-800-922-1987

UNCC
UTILITY NOTIFICATION
CENTER 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



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 ECDC GIS ONLINE AUGUST, 2023	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)
Bulk Oil Separator	1	38	8	13
Bulk Oil Treater	1	38	8	15
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
Vapor Recovery Tower	1	4	4	47
Oil Tank (750 Bbl)	6	16	16	25
Water Tank (750 Bbl)	2	16	16	25
Recycle Pump	1	18	11	11
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 Pump	1	2	2	6
HP ECD Knockout Drum	1	8	3	6
LP ECD Knockout Pump	1	2	2	6
LP ECD Knockout Drum	1	8	3	6

- STRUCTURAL BEST MANAGEMENT PRACTICES:**
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SIGNAGE:

GMT Exploration Company LLC

EMERGENCY NUMBER 866-868-3028

NO TRESPASSING AUTHORIZED PERSONNEL ONLY

INVICTA 3-65 30-26 8HN

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

39° 45' 52.12" / -104° 40' 06.88" ADAMS COUNTY, COLORADO

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

GMT Exploration Company LLC

EMERGENCY NUMBER 866-868-3028

NO TRESPASSING AUTHORIZED PERSONNEL ONLY

INVICTA 3-65 30-26 8HN

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

39° 45' 52.12" / -104° 40' 06.88" ADAMS COUNTY, COLORADO

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

GMT Exploration Company LLC

EMERGENCY CONTACT 911 866-868-3028 (GMT)

NO TRESPASSING AUTHORIZED PERSONNEL ONLY

REQUIRED: PERSONAL PROTECTIVE EQUIPMENT (PPE) FIRE RETARDANT CLOTHING

INVESTIGATION ONLY

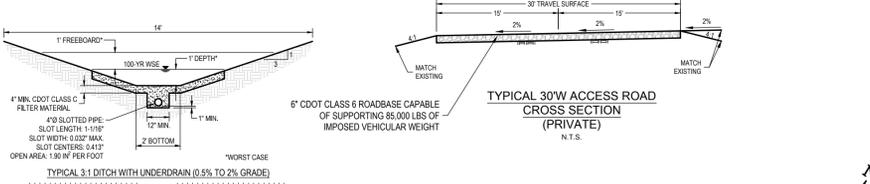
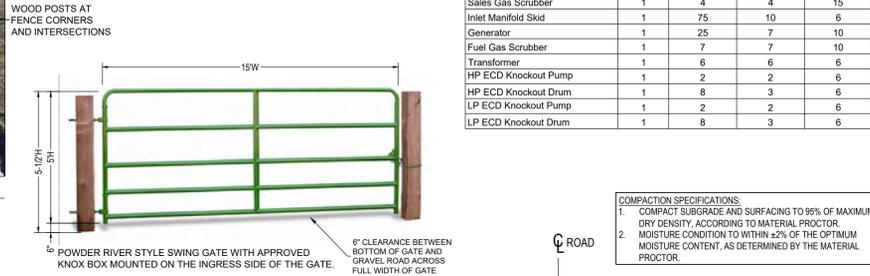
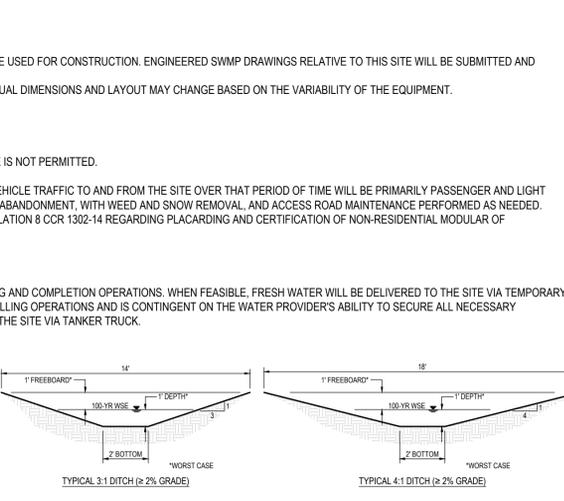
PLEASE OBEY POSTED SPEED LIMITS

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

- GENERAL CONSTRUCTION NOTES:**
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 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: 358638E001
DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A) ATOP A 37' LONG STEEL 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' 16.0759" N
LONGITUDE: 104° 39' 33.9527" W (NAD 83)
ELEV: 5584.96 (NAVD 88)
DO NOT USE FOR PAD LOCATION.

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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

RESPONSIBLE ENGINEER:

PRODUCTION OPERATIONS SITE PLAN

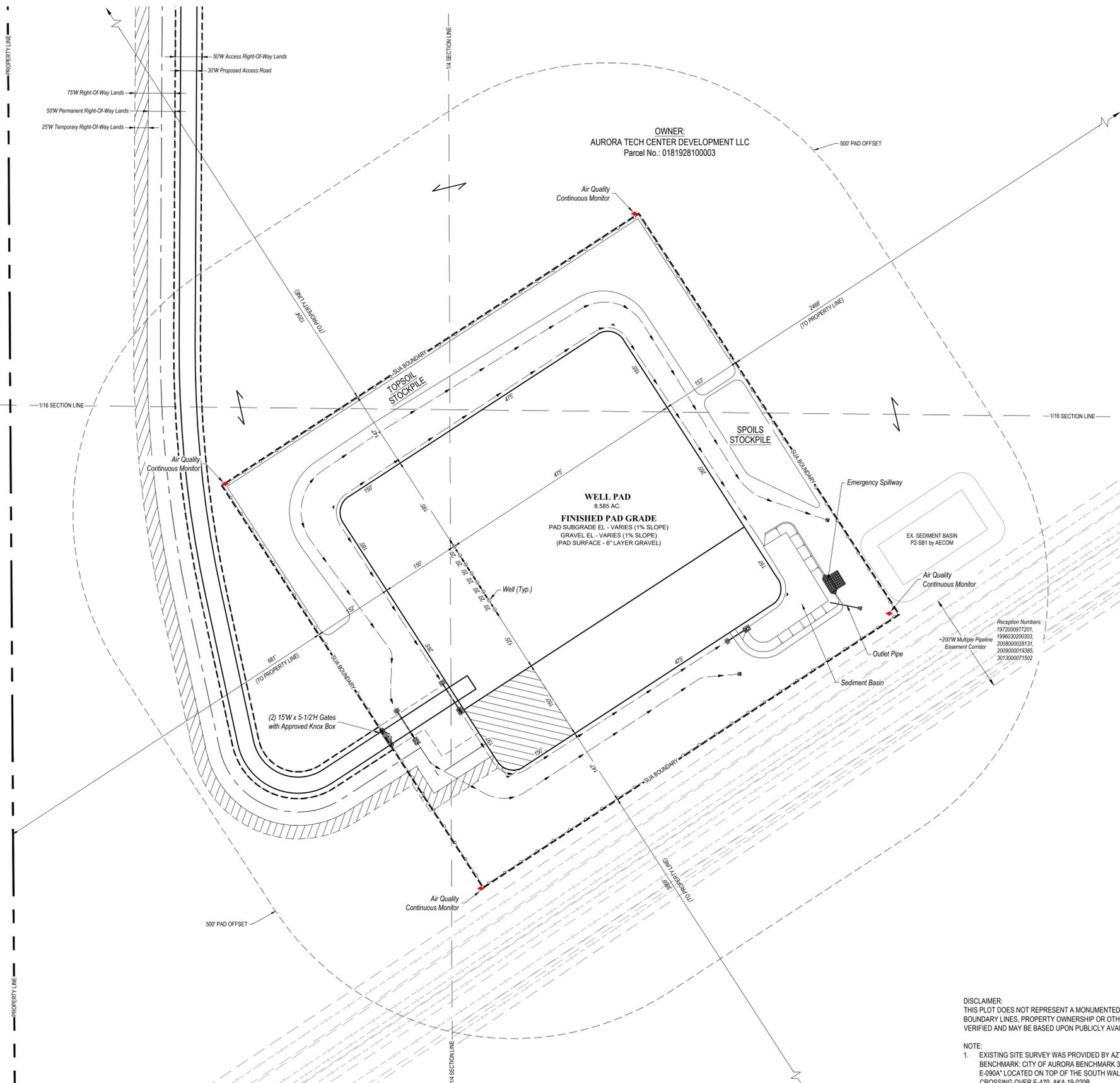
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO: GMT01-23-0001
SHEET: 10

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

INVICTA 3-65-28 OIL & GAS PERMIT

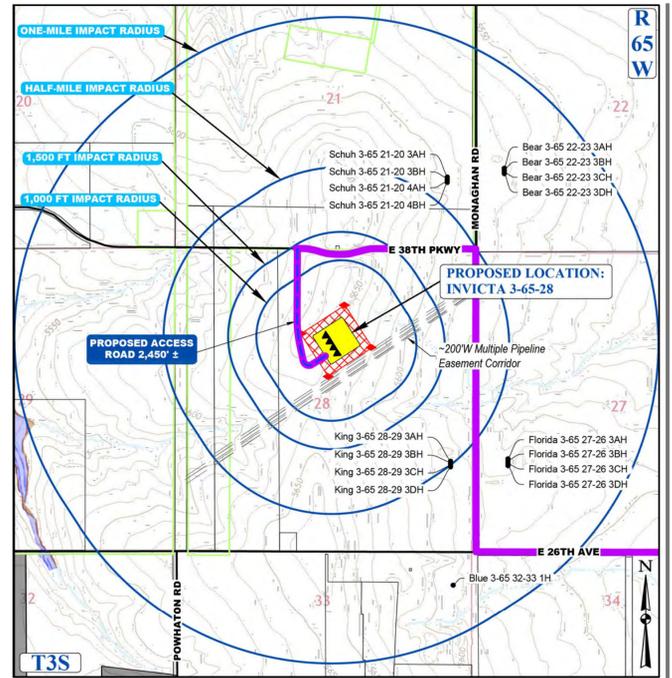
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)

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



LEGEND

- PROPERTY LINE
- PROPOSED WILDLIFE FENCE
- EXISTING FENCE
- RIGHT OF WAY
- EX. EASEMENT
- EX. BURIED PIPELINE
- DIVERSION DITCH
- PROPOSED CULVERT
- RIP-RAP OUTLET PROTECTION
- SEDIMENT BASIN
- AIR QUALITY MONITORING SITE
- GROUND WATER QUALITY MONITORING WELL



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

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.

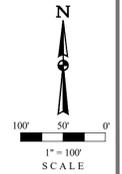
- NOTE:**
- EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 3S6636NE003 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-020B, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-020B.
 - 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: 3865285E001
 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 P.W.R. POLE
 HAVING A STOP SIGN ON IT.
 LATITUDE: 39° 45' 16.16759" N
 LONGITUDE: 104° 39' 33.95272" W (NAD 83)
 ELEV: 5584.96' (NAVD 88)
 DO NOT USE FOR PAD LOCATION.

UNCC
UTILITY NOTIFICATION
CENTER OF COLORADO

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



REV	DATE	BY	REVISIONS

RESPONSIBLE ENGINEER:

ADJACENT VISIBLE IMPROVEMENTS & EASEMENTS

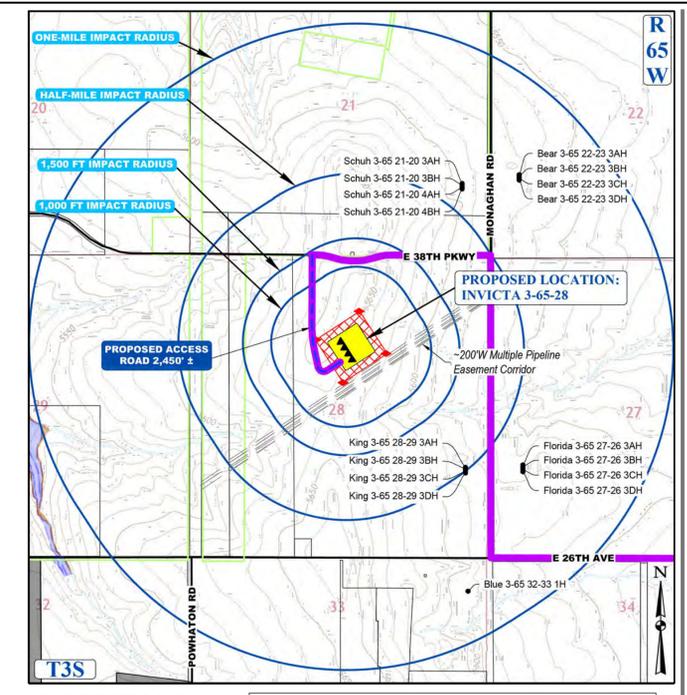
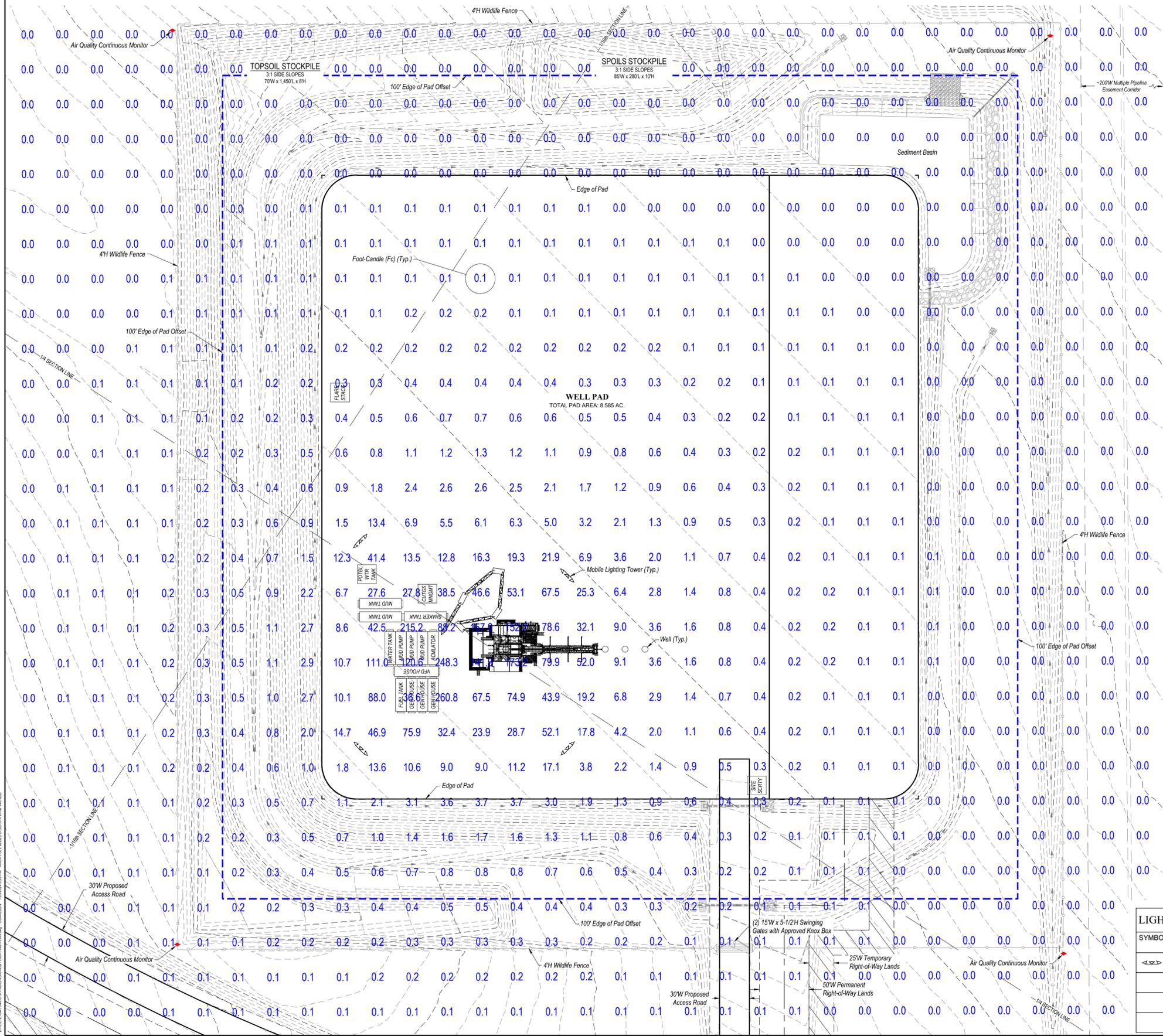
SCALE: AS NOTED
 DRAWN BY: C.D.C.
 DATE DRAWN: 01-25-2024
 PROJ. NO.: GMT01-23-0001
 UELS FILE NO.:
G - 1722

SHEET
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



CONTEXT MAP
SCALE: 1" = 1,500'

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



TYPICAL MOBILE TELESCOPING LIGHTING TOWER

- LIGHTING NOTES:**
- LIGHTING LEVELS SHOWN ON THIS PLAN INCLUDE STRUCTURE LIGHTING FROM THE DRILLING RIG.
 - 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 = 260.8 Fc
MINIMUM = 0.0 Fc
 - DRILLING RIG LIGHTING WILL BE PRESENT ONLY DURING THE DRILLING PHASE.

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	642,052
	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-U5-G2	CROWN MOUNT	120	1	104,517	8	104,517	836,136

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LAND SURVEYING SERVICES
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www.uintahgroup.com
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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

DATE	REV	DESCRIPTION

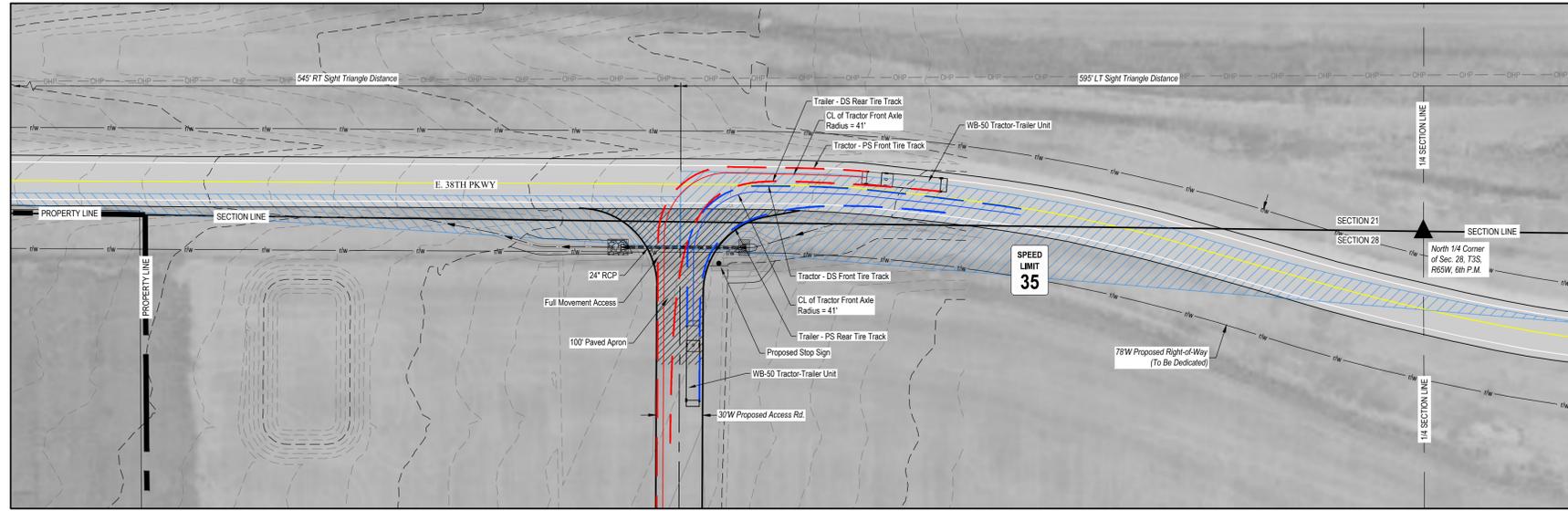
RESPONSIBLE ENGINEER:

DRILLING OPERATIONS
PHOTOMETRIC
LIGHTING PLAN
SCALE: AS NOTED
DRAWN BY: G.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO. GMT01-23-0001
SHEETS FILE NO.:
G - 1722
SHEET
14

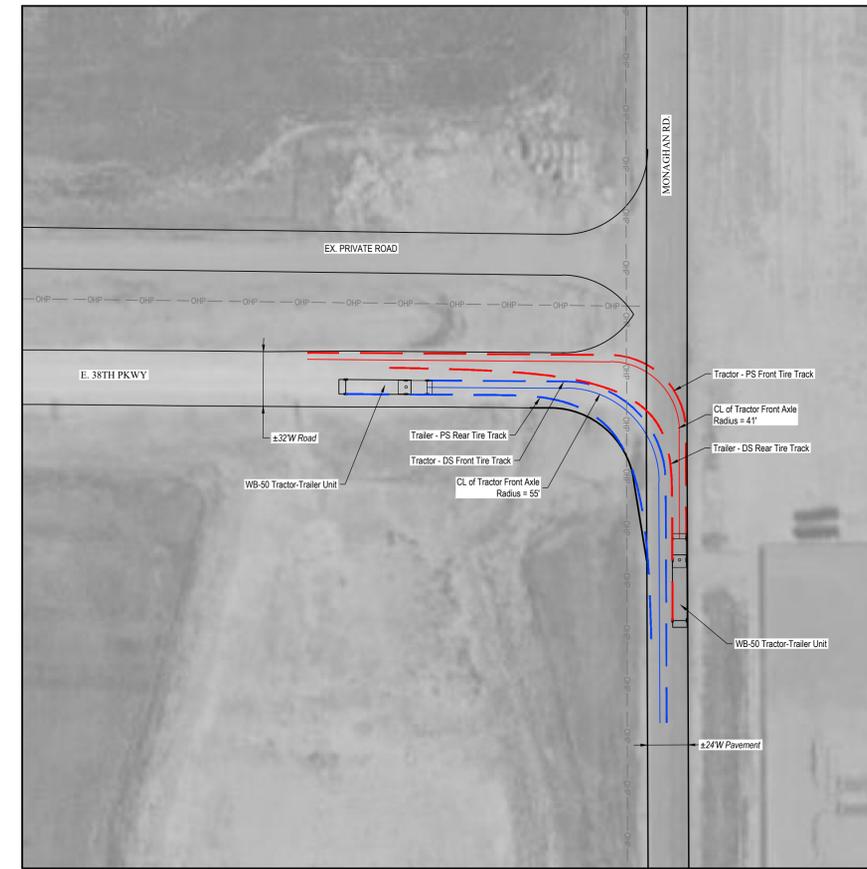
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(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)

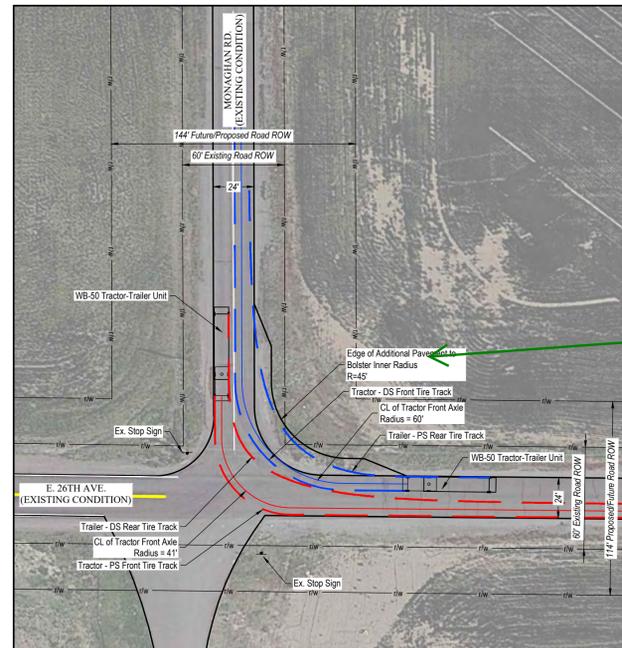
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27300 E. 38TH PKWY., CITY OF AURORA, COUNTY OF ADAMS, STATE OF COLORADO



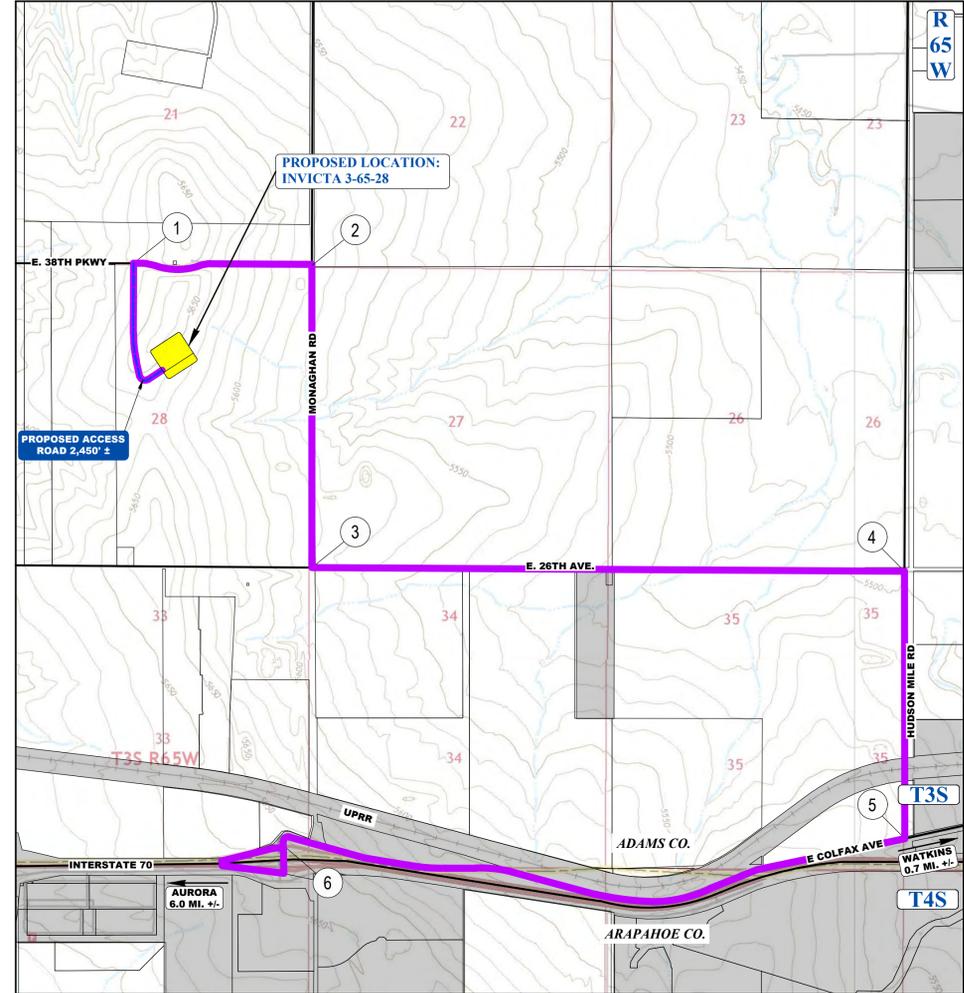
1 TRUCK TRACKING ANALYSIS - ACCESS RD. & E. 38TH AVE.
SCALE: 1" = 50'



2 TRUCK TRACKING ANALYSIS - E. 38TH AVE & MONAGHAN RD.
SCALE: 1" = 50'



3 TRUCK TRACKING ANALYSIS - MONAGHAN RD. & E. 26TH AVE.
SCALE: 1" = 50'



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

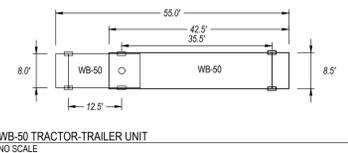
LEGEND	
	EXISTING ROAD
	PROPOSED ROAD
	HAUL ROUTE
	NEIGHBORHOOD BOUNDARY
	PARCEL BOUNDARY
	MUNICIPAL BOUNDARY

LEGEND:	
	EXISTING UTILITY POLE
	EXISTING OVERHEAD POWER
	EXISTING FIBER OPTIC
	EXISTING ELECTRIC LINE
	PROPERTY LINE
	EASEMENT BOUNDARY
	CL OF FRONT AXLE - LEFT TURN
	CL OF FRONT AXLE - RIGHT TURN
	TIRE TRACK - LEFT TURN
	TIRE TRACK - RIGHT TURN
	EXISTING EDGE OF ASPHALT
	EXISTING EDGE OF ROAD
	RIGHT-OF-WAY
	SIGHT TRIANGLE

Repeat Comment:
The proposed pavement widening is a condition of the site plan approval (typ, ALL).

Site plan shows pavement widening but comment response contradicts the site plan. Please confirm proposed condition.

GMT will not agree to the pavement widening at the requested intersections. GMT has agreed to a \$40,000/well impact fee under the RMA. If the City will waive the Impact fee, GMT can agree to the pavement widening.



- 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.

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	REVISIONS

RESPONSIBLE ENGINEER:

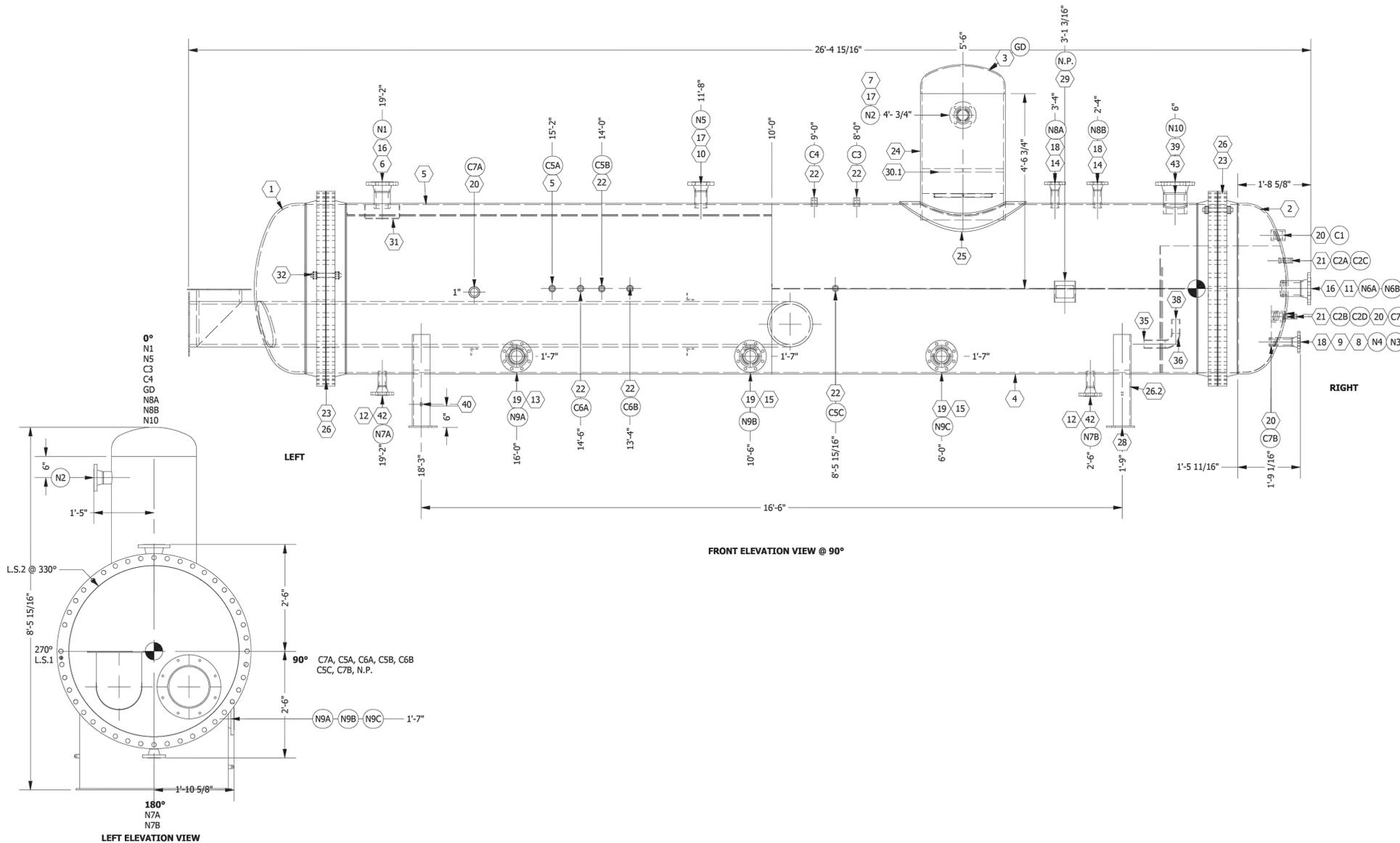
TRUCK TRACKING ANALYSIS

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO.: GMT01-23-0001
UELS FILE NO.:
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15

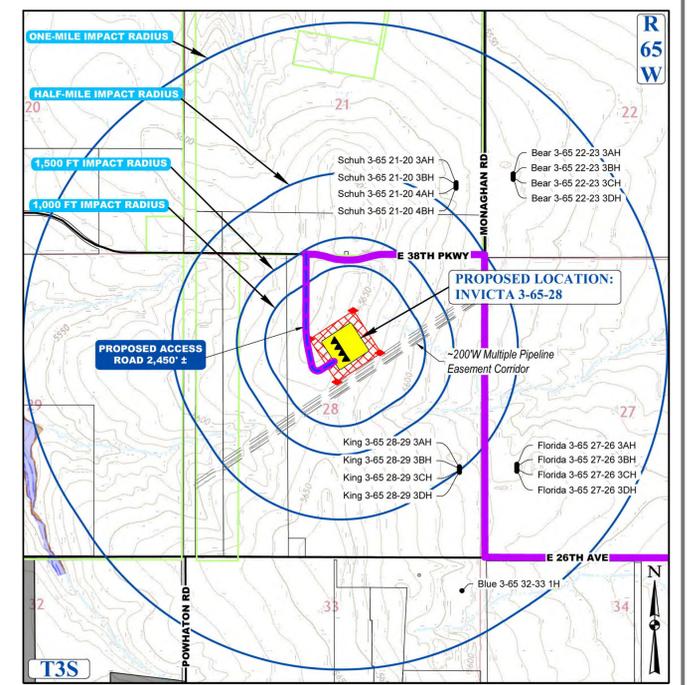
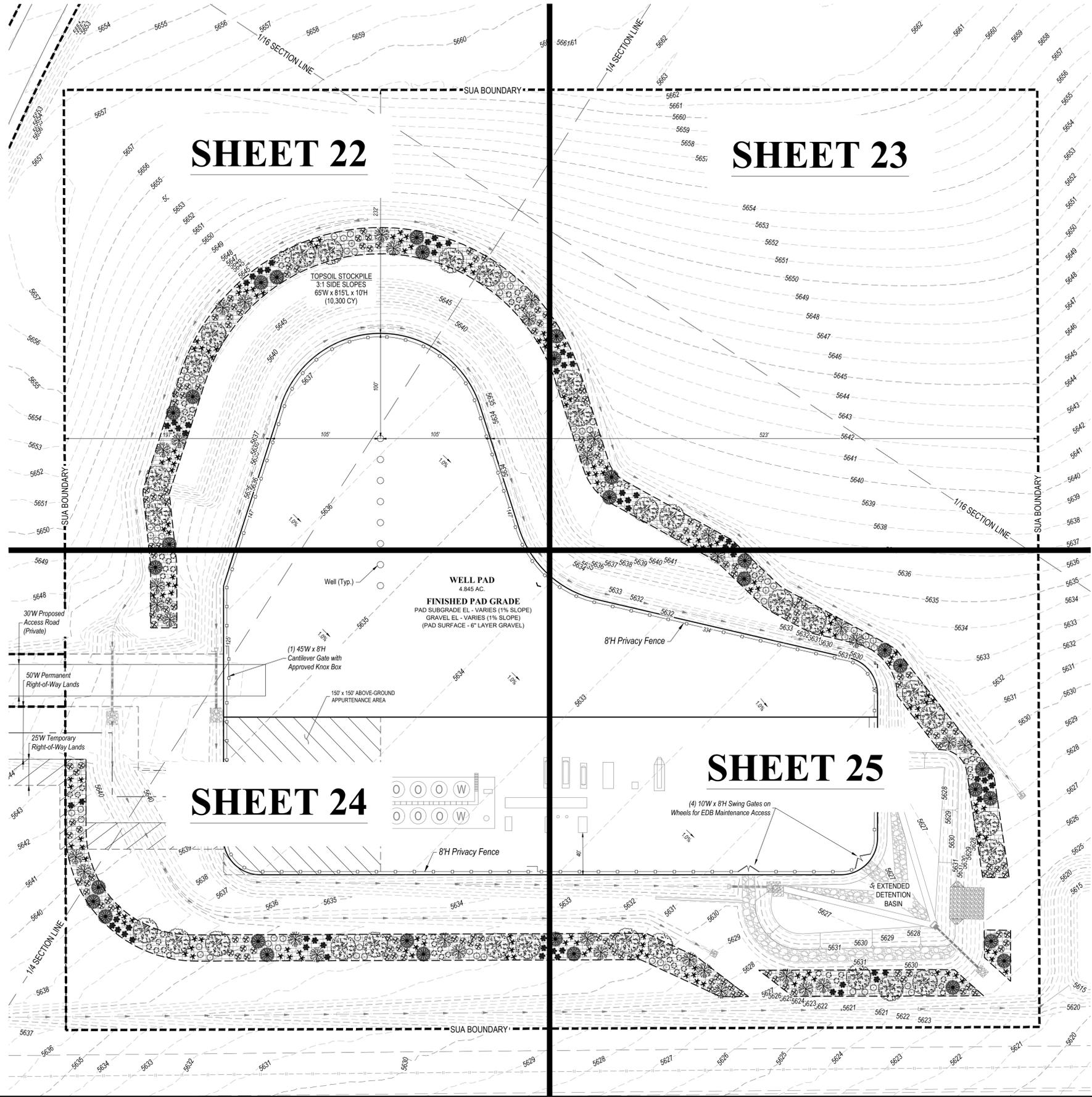
CALL 811
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BEFORE YOU DIG
UNCC
1-800-922-1987
UTILITY NOTIFICATION CENTER OF COLORADO

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
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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. #1B
 Evans, CO 80620
 (970) 506-1544



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

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SURVEY BENCHMARK

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ATOP A 37" 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' 33.95272" W (NAD 83)
ELEV: 5584.96' (NAVD 88)
DO NOT USE FOR PAD LOCATION

UNCC
 LANDSCAPE ARCHITECTURE
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 1-800-922-1987

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	REVISIONS

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN OVERVIEW

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-25-2024
PROJ. NO. GMT01-23-0001
UTLS FILE NO.:
G - 1722
SHEET
21

FILE: E:\INVICTA\LANDSCAPE PLAN.dwg CONVERSION: 1/25/2024 11:27 AM USER: GMB

INVICTA 3-65-28 OIL & GAS PERMIT

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

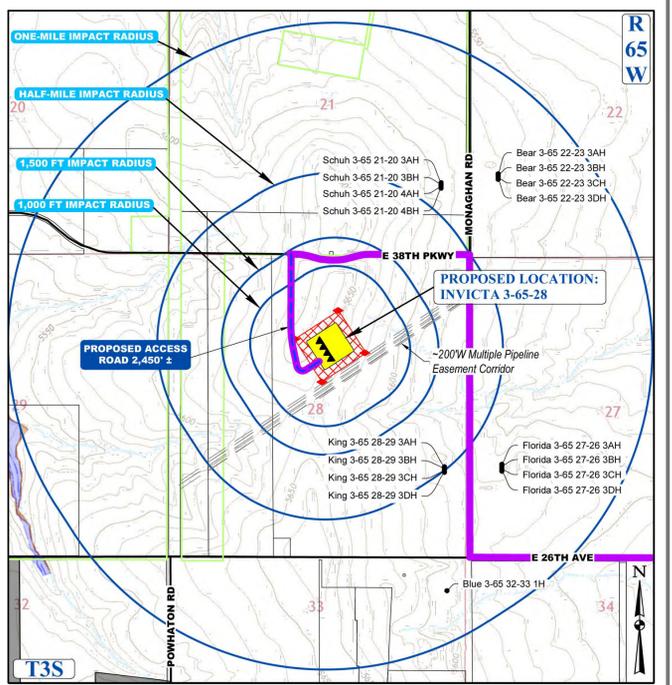
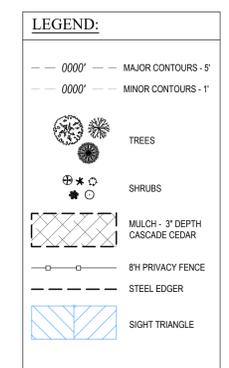
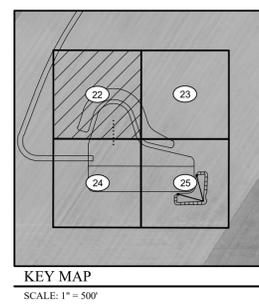
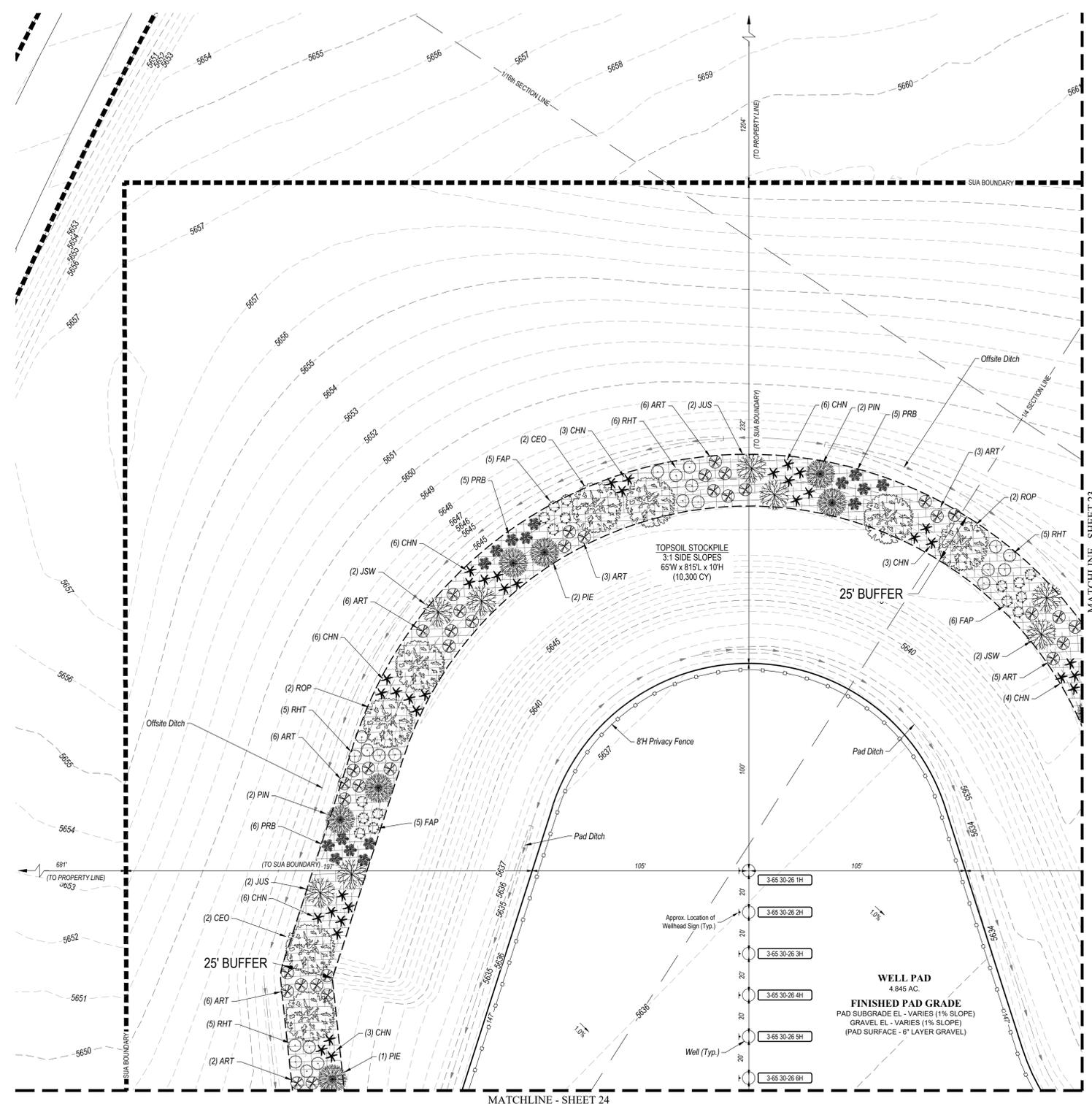
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 - SINCE 1964 -



SIGNAGE:

GMT Exploration Company LLC
 EMERGENCY NUMBER 866-868-3028
INVICTA 3-65 30-26 8HN
 N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
 39° 45' 52.12" -104° 40' 06.88"
 ADAMS COUNTY, COLORADO

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

GMT Exploration Company LLC
 EMERGENCY NUMBER 866-868-3028
INVICTA 3-65 30-26 8HN
 N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
 39° 45' 52.12" -104° 40' 06.88"
 ADAMS COUNTY, COLORADO

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

GMT Exploration Company LLC
 EMERGENCY NUMBER 866-868-3028 (GMT)
INVICTA 3-65 30-26 8HN
 N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
 39° 45' 52.12" -104° 40' 06.88"
 ADAMS COUNTY, COLORADO
 ACCESS FROM E. 38TH AVE.
 +0.5 MI SOUTH INTO BATTERY

REQUIRED:
 PERSONAL PROTECTIVE EQUIPMENT (PPE)
 FIRE RETARDANT CLOTHING
 PPE

PLEASE OBEY POSTED SPEED LIMITS

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

LEGEND

- PROPOSED OIL AND GAS WELL SITE
- OCCUPIED STRUCTURE/RESIDENCE
- MUNICIPAL BOUNDARY
- PERMITTED OIL AND GAS WELL SITE PER ECOMG OIS ONLINE AUGUST, 2023
- PROPOSED GROUND WATER
- PROPOSED AIR QUALITY MONITORING STATIONS
- EXISTING ROAD
- PROPOSED ROAD
- HAUL ROUTE
- NEIGHBORHOOD BOUNDARY
- 100-YR FLOODPLAIN
- 500-YR FLOODPLAIN

LANDSCAPE BUFFER REQUIREMENT TABLE

LINEAR FEET OF BUFFER	TREES REQUIRED	TREES PROVIDED
2,387 LF AT ADJACENT RESIDENTIAL PROPERTY LINES	1 TREE PER 25 LF OF BUFFER: 96 TREES	94 TREES
	SHRUBS REQUIRED	SHRUBS PROVIDED
	5 SHRUBS PER 25 LF OF BUFFER: 477 SHRUBS	481 SHRUBS
	WIDTH REQUIRED	WIDTH PROVIDED
	25 FEET	25 FEET

NOTES

- 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.
- TWO LESS TREES PROVIDED IN 25'W TEMPORARY RIGHT-OF-WAY LANDS.

XERISCAPE PLANT LIST

TREES

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
☉	CEO	16	WESTERN HACKBERRY	CELTIS OCCIDENTALIS	2" 5" CALIPER	B&B
☉	ROP	14	BLACK LOCUST	ROBINIA PSEUDOCACIA	2.5" CALIPER	B&B
☉	JSW	16	'WICHITA BLUE' JUNIPER	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	6 FT HT	B&B
☉	JUS	17	'ROCKY MOUNTAIN' JUNIPER	JUNIPERUS SCOPULORUM	6 FT HT	B&B
☉	PIE	16	PINYON PINE	PINUS EDULIS	6 FT HT	B&B
☉	PIN	15	AUSTRIAN PINE	PINUS NIGRA	6 FT HT	B&B

QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT TOTAL: 94 TREES

SHRUBS

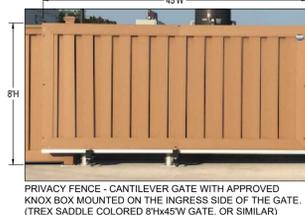
SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
☉	ART	145	TALL WESTERN SAGE	ARTEMISIA TRIDENTATA	5 GAL.	B&B
☉	CHN	144	RABBIT BRUSH	CHRYSOETHAMNUS NAUSEOSUS	5 GAL.	B&B
☉	FAP	67	APACHE PLUME	FALLUGIA PARADOXA	5 GAL.	B&B
☉	PRB	63	WESTERN SAND CHERRY	PRUNUS BESSEYI	5 GAL.	B&B
☉	RHT	62	THREE-LEAF SUMAC	RHUS TRILOBATA	5 GAL.	B&B

QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT TOTAL: 481 SHRUBS

SURVEY BENCHMARK

COA ID: 385285E001
 DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A)
 ATOP A 3" LONG STL PIPE IN CONC @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE
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 GMT EXPLORATION COMPANY, LLC
 N 1/2 SECTION 28, T3S, R65W, 6th P.M.
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REV.	DATE	BY	DESCRIPTION

RESPONSIBLE ENGINEER:

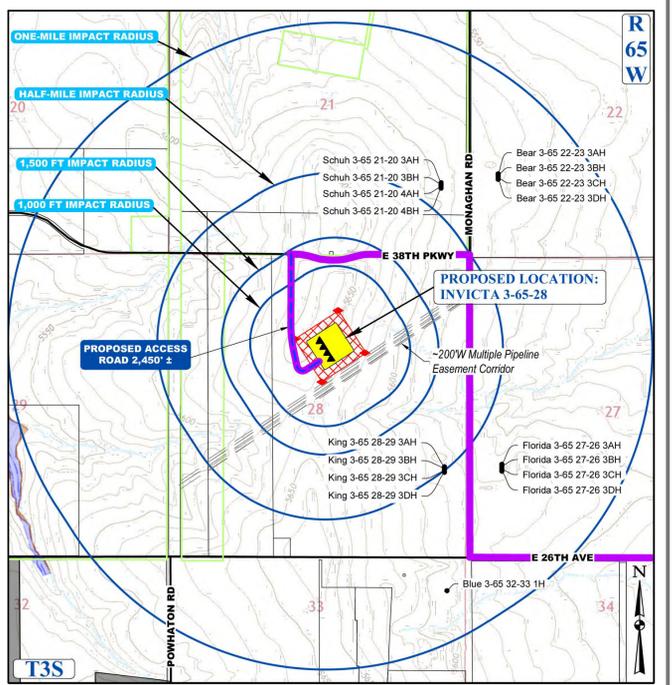
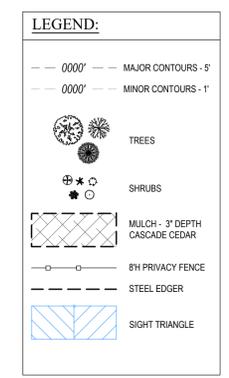
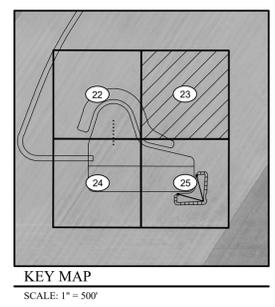
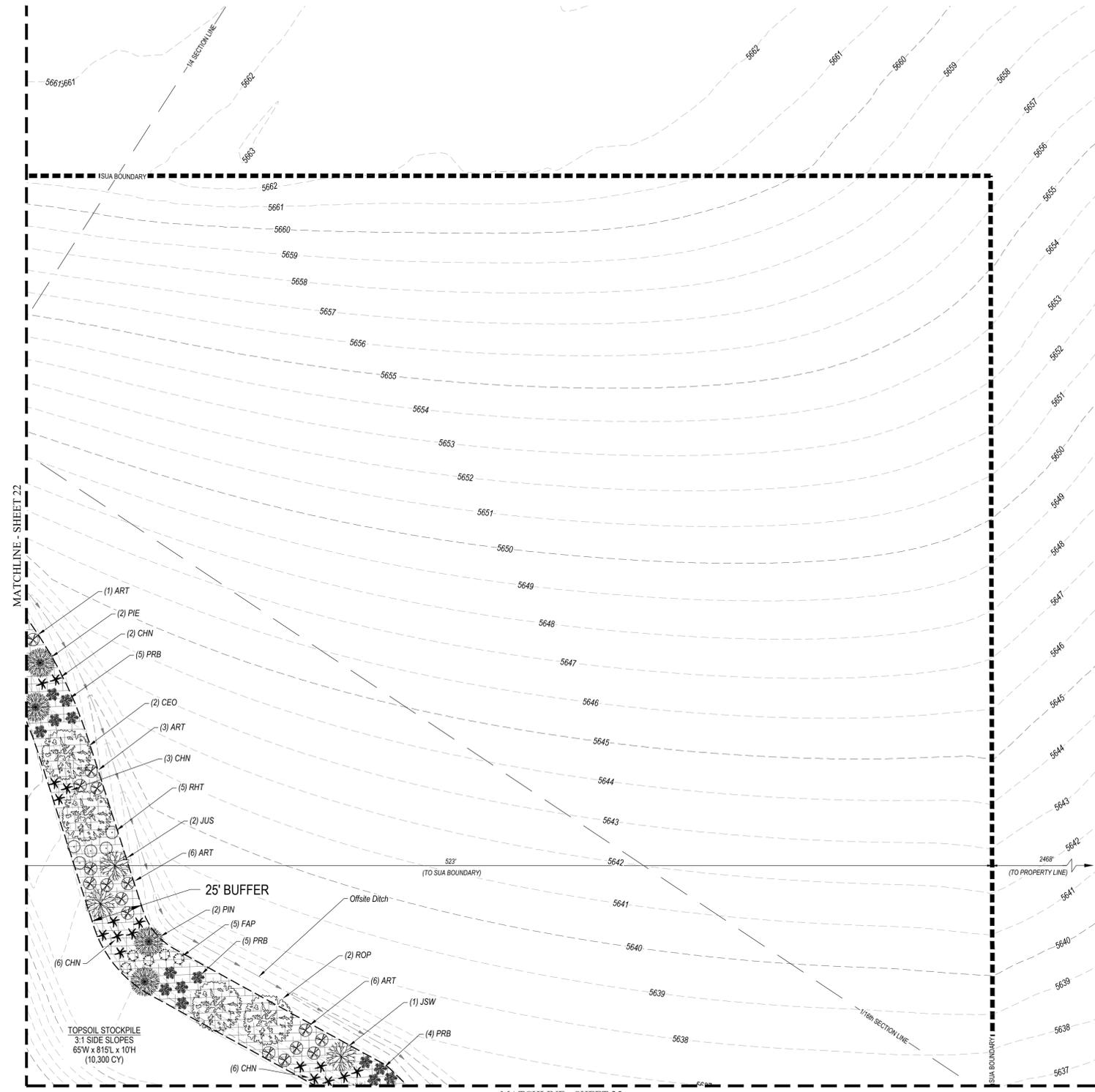
LANDSCAPING PLAN

SCALE: AS NOTED
 DRAWN BY: C.D.C.
 DATE DRAWN: 01-25-2024
 PROJ. NO: GMT01-23-0001
 UELS FILE NO.:
G - 1722

SHEET
22

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

LANDSCAPE DESIGNER
Uintah Engineering & Land Surveying, LLC
Headquarters
85 South 200 East
Vernal, Utah 84078
(435) 789-1017
Colorado Branch
3313 35th Ave. #1B
Evans, CO 80620
(970) 506-1544



SIGNAGE:

GMT Exploration Company LLC
EMERGENCY NUMBER 866-868-3028
INVICTA 3-65 30-26 8HN
N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
39° 45' 52.12" / -104° 40' 06.88"
ADAMS COUNTY, COLORADO

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

DANGER NO TRESPASSING AUTHORIZED PERSONNEL ONLY

GMT Exploration Company LLC
EMERGENCY NUMBER 866-868-3028
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N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
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ENTRY SIGN TO BE PLACED AT WELL HEAD
SIZE: 2' X 3'

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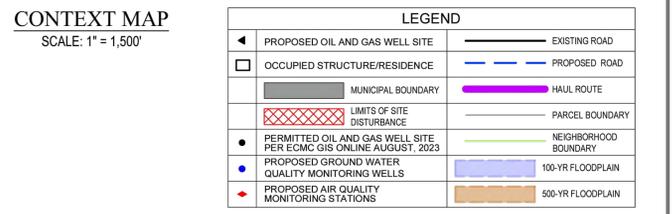
GMT Exploration Company LLC
EMERGENCY NUMBER 866-868-3028 (GMT)
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N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
39° 45' 52.12" / -104° 40' 06.88"
ADAMS COUNTY, COLORADO
ACCESS FROM E. 38TH AVE.
+0.5 MI SOUTH INTO BATTERY

PLEASE OBEY POSTED SPEED LIMITS

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

DANGER NO TRESPASSING AUTHORIZED PERSONNEL ONLY

REQUIRED: PERSONAL PROTECTIVE EQUIPMENT; FIRE RETARDANT CLOTHING; PFC.



LANDSCAPE BUFFER REQUIREMENT TABLE

LINEAR FEET OF BUFFER	TREES REQUIRED	TREES PROVIDED
2,387 LF AT ADJACENT RESIDENTIAL PROPERTY LINES	1 TREE PER 25 LF OF BUFFER: 96 TREES	94 TREES
	5 SHRUBS PER 25 LF OF BUFFER: 477 SHRUBS	481 SHRUBS
	WIDTH REQUIRED: 25 FEET	WIDTH PROVIDED: 25 FEET

NOTES

- 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.
- TWO LESS TREES PROVIDED IN 25'W TEMPORARY RIGHT-OF-WAY LANDS.

XERISCAPE PLANT LIST

TREES

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
	CEO	16	WESTERN HACKBERRY	CELTIS OCCIDENTALIS	2.5" CALIPER	B&B
	ROP	14	BLACK LOCUST	ROBINIA PSEUDOCACIA	2.5" CALIPER	B&B
	JSW	16	'WICHITA BLUE' JUNIPER	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	6 FT HT	B&B
	JUS	17	'ROCKY MOUNTAIN' JUNIPER	JUNIPERUS SCOPULORUM	6 FT HT	B&B
	PIE	16	PINYON PINE	PINUS EDULIS	6 FT HT	B&B
	PIN	15	AUSTRIAN PINE	PINUS NIGRA	6 FT HT	B&B

QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT TOTAL: 94 TREES

SHRUBS

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
	ART	145	TALL WESTERN SAGE	ARTEMISIA TRIDENTATA	5 GAL.	B&B
	CHN	144	RABBIT BRUSH	CHRYSOETHAMNUS NAUSEOSUS	5 GAL.	B&B
	FAP	67	APACHE PLUME	FALLUGIA PARADOXA	5 GAL.	B&B
	PRB	63	WESTERN SAND CHERRY	PRUNUS BESSEYI	5 GAL.	B&B
	RHT	62	THREE-LEAF SUMAC	RHUS TRILOBATA	5 GAL.	B&B

QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT TOTAL: 481 SHRUBS



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- NOTE:**
- EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 3S6636NE03 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: 3S6628SE001
DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A) ATOP A 3" 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' 33.95272" W (NAD 83)
ELEV: 5584.96 (NAVD 88)
DO NOT USE FOR PAD LOCATION

CALL 811
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BEFORE YOU DIG
1-800-922-1987

UNCCC
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

RESPONSIBLE ENGINEER: _____

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 01-23-2024
PROJ. NO: GMT01-23-0001
SHEETS FILE NO.: **G-1722**

SHEET
23

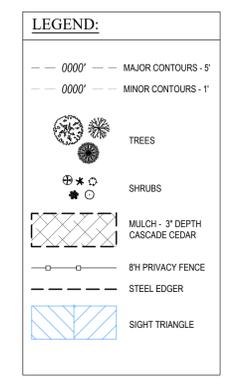
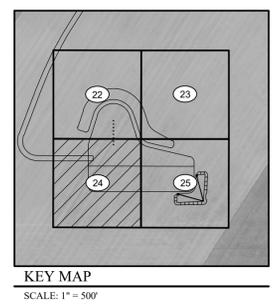
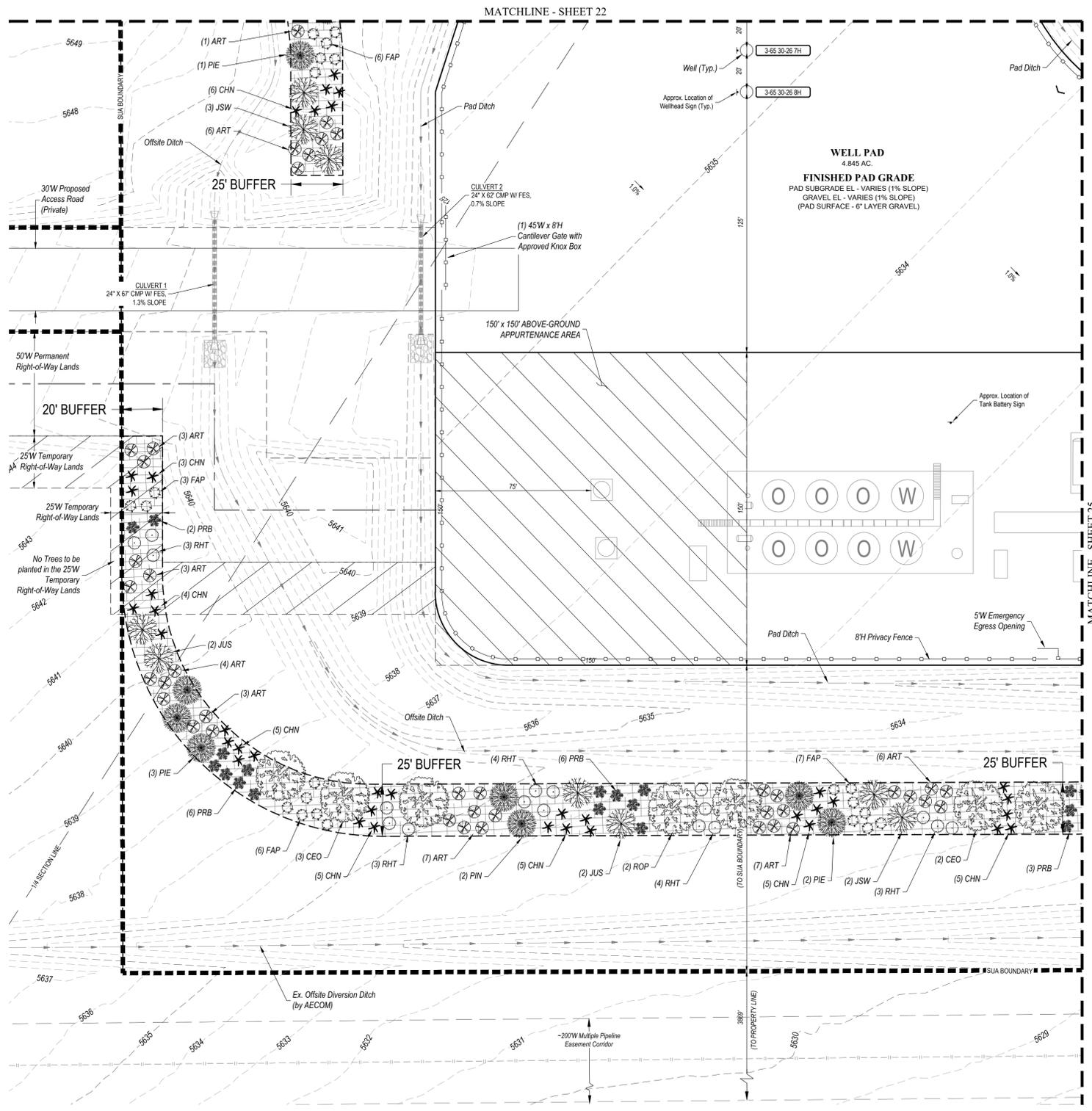
INVICTA 3-65-28 OIL & GAS PERMIT

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

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 39° 45' 52.12" / -104° 40' 06.88"
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ENTRY SIGN TO BE PLACED AT WELL ACCESS ROAD INTERSECTION WITH PUBLIC ROAD SIZE: 1.5' X 2'

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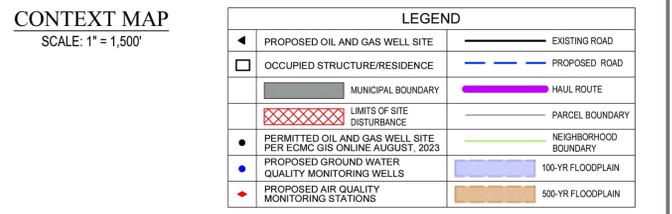
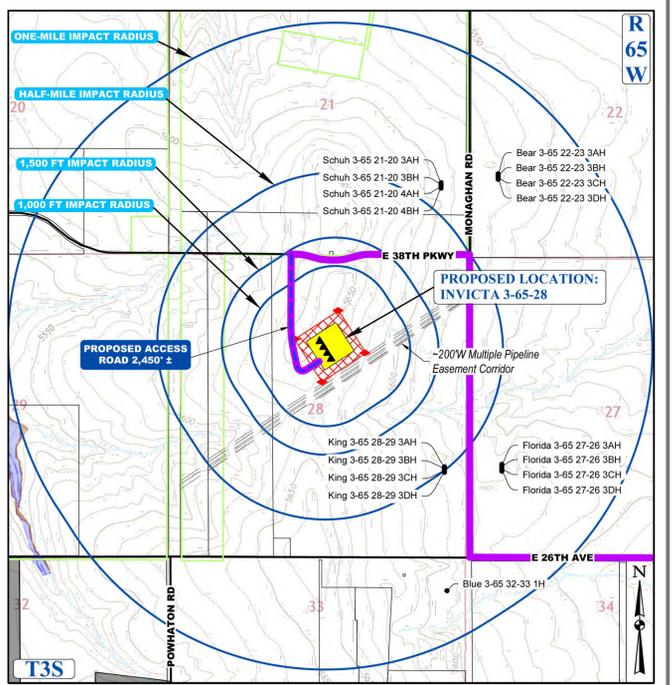
ENTRY SIGN TO BE PLACED AT WELL HEAD SIZE: 2' X 3'

GMT Exploration Company LLC
 EMERGENCY NUMBER 866-868-3028 (GMT)
INVICTA 3-65 30-26 8HN
 N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
 LAT. LONG. 39° 45' 52.12" / -104° 40' 06.88"
 ADAMS COUNTY, COLORADO
 ACCESS FROM E. 38TH AVE.
 +0.5 MI SOUTH INTO BATTERY

REQUIRED: PERSONAL PROTECTIVE EQUIPMENT; FIRE RETARDANT CLOTHING; PFC.

PLEASE OBEY POSTED SPEED LIMITS

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



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	WIDTH REQUIRED	WIDTH PROVIDED
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XERISCAPE PLANT LIST

TREES

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QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT TOTAL: 94 TREES

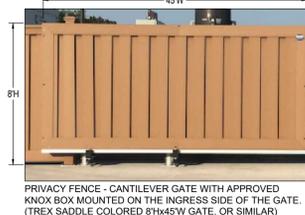
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SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
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QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT TOTAL: 481 SHRUBS

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- NOTE:**
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 - 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: 3562828E001
 DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A) ATOP A 3" 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' 33.95272" 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

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:

LANDSCAPING PLAN

SCALE: AS NOTED
 DRAWN BY: C.D.C.
 DATE DRAWN: 01-25-2024
 PROJ. NO: GMT01-23-0001
 UELS FILE NO.:
G - 1722

SHEET
24

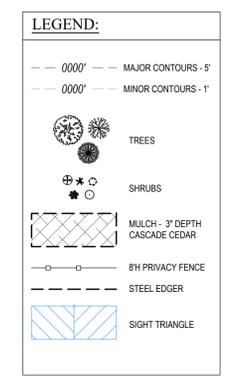
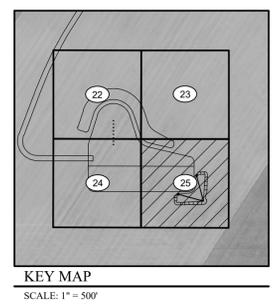
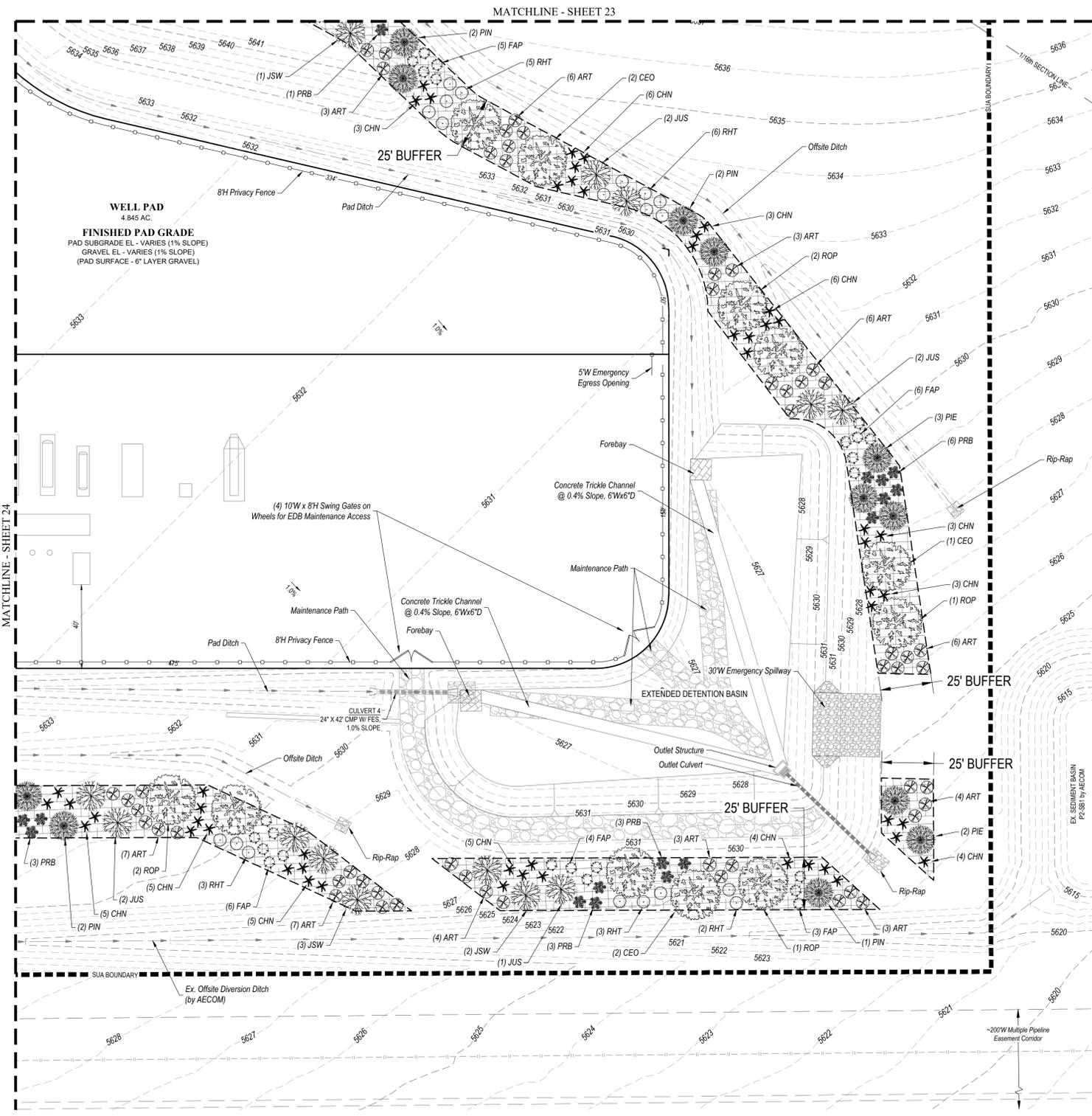
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(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)

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SIGNAGE:

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 EMERGENCY NUMBER 866-868-3028
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 N 1/2, SECTION 28, T3S, R65W, 6TH P.M.
 39° 45' 52.12" / -104° 40' 06.88"
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ENTRY SIGN TO BE PLACED AT TANK BATTERY
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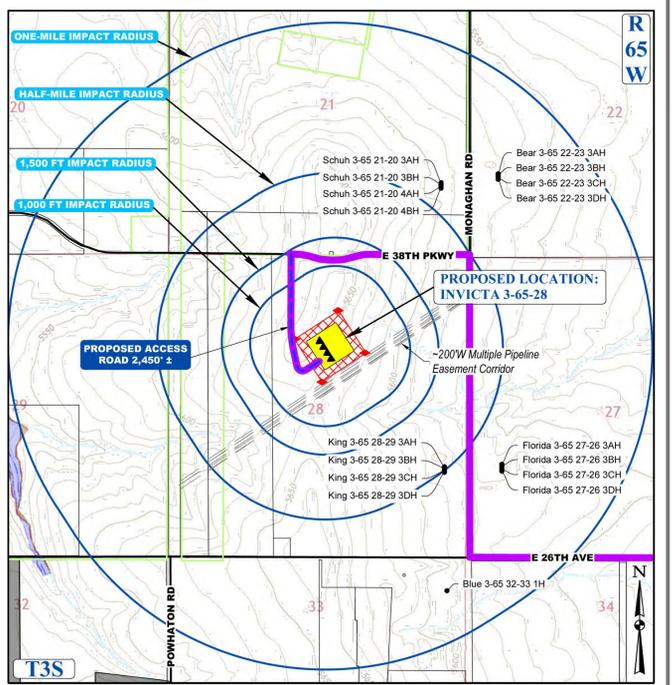
IN EMERGENCY CONTACT
 911
 866-868-3028 (GMT)

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XERISCAPE PLANT LIST

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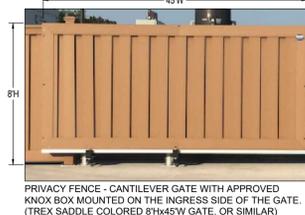
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SURVEY BENCHMARK
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 ATOP A 3" LONG STL PIPE IN CONC @ COR. OF E. 26TH AVE. (PAVED) & MONAGHAN RD., BEING 1FT. N.W. OF PWR. POLE
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 CITY OF AURORA, ADAMS COUNTY, COLORADO

REV.	DATE	BY	DESCRIPTION

RESPONSIBLE ENGINEER:

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

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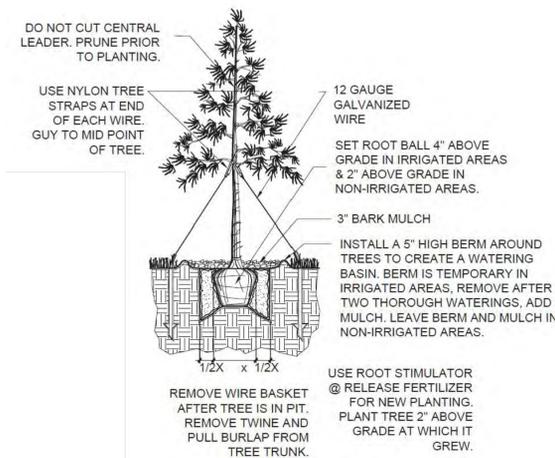


GENERAL NOTES:

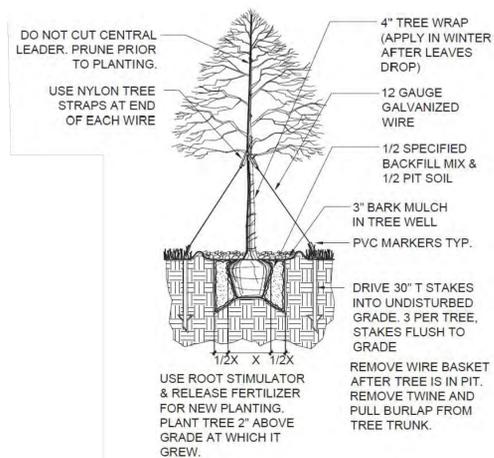
- PURSUANT TO THE AURORA O&G MANUAL, THE OPERATOR SHALL IMPLEMENT THE LANDSCAPE PLAN IF ANY PART OF THE OIL AND GAS LOCATION IS LOCATED WITHIN 1,500' OF A PLATTED RESIDENTIAL LOT, ARTERIAL OR COLLECTOR STREET FRONTAGE, A PLATTED LOT LINE CONTAINING EITHER A BUILDING UNIT OR A HIGH OCCUPANCY BUILDING UNIT, OR A PARK, OPEN SPACE, RESERVOIR, OR GOLF COURSE. THE OPERATOR SHALL BE RESPONSIBLE FOR INSTALLING THE REQUIRED LANDSCAPING UNLESS THEY HAVE A SURFACE USE AGREEMENT THAT TRANSFERS THE RESPONSIBILITY TO THE LANDOWNER. THE OPERATOR SHALL ALSO IMPLEMENT THE LANDSCAPE PLAN WHEN NEW DEVELOPMENT IS CONSTRUCTED WITHIN 1,500' OF THE OIL AND GAS LOCATION ONCE ACCESS TO CITY MAIN WATER SOURCE IS AVAILABLE.
- ALL WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL CODES. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
- MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY.
- ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH THE COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

PLANTING NOTES:

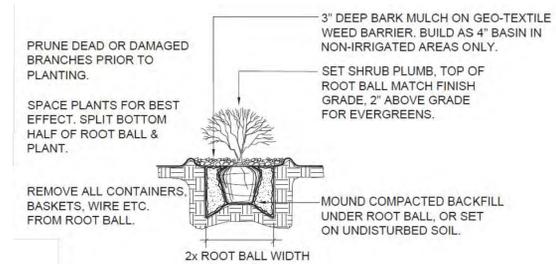
- REFER TO IRRIGATION PLANS FOR LIMITS AND TYPES OF IRRIGATION DESIGNED FOR THE LANDSCAPE.
- THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND TAG ALL PLANT MATERIAL PRIOR TO SHIPPING TO THE SITE. IN ALL CASES, THE OWNER'S REPRESENTATIVE MAY REJECT PLANT MATERIAL AT THE SITE IF MATERIAL IS 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.
- PRIOR TO INSTALLING OF PLANT MATERIALS, ALL AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENEED, REPAIRED AND SEEDED IF NECESSARY. SEE SPECIFIED SEED MIX INFORMATION.
- 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.
- GRAPHIC SYMBOLS ON LANDSCAPE DRAWINGS TAKES PRECEDENCE OVER WRITTEN PLANT QUANTITIES.
- 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.
- 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.
- 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.
- 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.
- ALL PLANTING BEDS SHALL BE MULCHED WITH 3" DEPTH CASCADE CEDAR MULCH FOR SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES.
- 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."
- ALL PLANTS SHALL BE PLANTED USING AN EQUALLY SPACED TRIANGULAR PATTERN, UNLESS OTHERWISE NOTED AND/ OR SHOWN ON THE LANDSCAPE DRAWINGS.
- 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.
- 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.
- 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.
- ALL TREES ARE TO BE STAKED/GUYED FOR A PERIOD OF ONE YEAR PER THE DETAILS.
- 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:
 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:**
- 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, E-120A, 19-020B, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 28TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-020B.
 - 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: 3S6528E001	DESCRIPTION: 3" DIAM BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 37' LONG STL PIPE IN CONC. @ COR. OF E. 28TH 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' 33.95272" W (NAD 83)
ELEV: 5584.96' (NAVD 88)	DO NOT USE FOR PAD LOCATION.

NOT FOR CONSTRUCTION

IRRIGATION PLAN ON SEPARATE SUBMITTAL

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



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	REVISIONS

RESPONSIBLE ENGINEER:

LANDSCAPING NOTES & DETAILS	
SCALE: NO SCALE	DATE DRAWN: 01-25-2024
DRAWN BY: C.D.C	PROJ. NO: GMT01-23-0001
UELS FILE NO.:	G - 1 7 2 2
SHEET	
26	

FILE E:\03INVICTA\03INVICTA\LANDSCAPE PLAN.dwg C:\ADAMS\1502041437.dwg 1/25/2024 11:27 AM 1/25/2024