

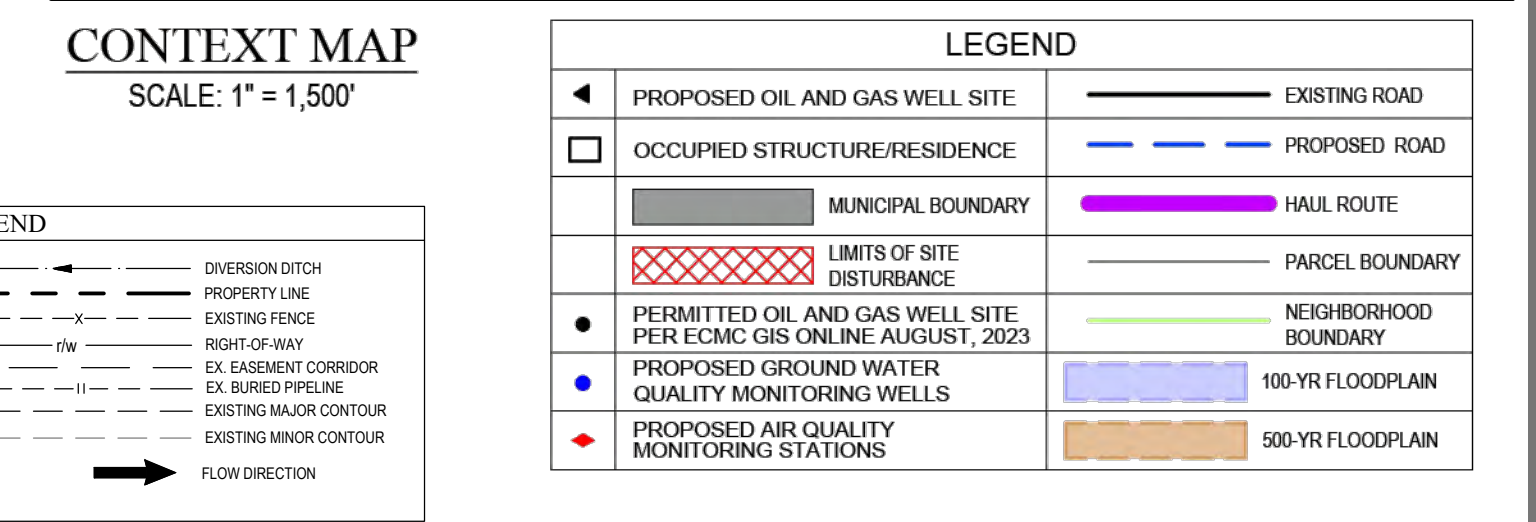
UNCC
UTILITY NOTIFICATION
CENTER OF COLORADO

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 map displays the following features and annotations:

- Topography:** Contour lines indicating elevation, with spot elevations ranging from 5600 to 5685.
- Boundaries:**
 - SUA BOUNDARY:** Shaded Utility Area boundary.
 - 1/4 SECTION LINE:** Section lines for 1/4 sections.
 - 1/2 SECTION LINE:** Section lines for 1/2 sections.
- Proposed Construction Features:**
 - EX. TOPSOIL STOCKPILE (by AECOM):** Two locations, one measuring 70'W x 1,585'L x 8'H (19,570 CY) and another measuring 50'W x 550'L x 8'H (5,520 CY).
 - EX. GRADED PAD (by AECOM):** A 3:1 CUT/FILL SLOPES area.
 - FINISHED PAD GRADE:** PAD SUBGRADE EL. - VARIES (1% SLOPE).
 - EX. SEDIMENT BASIN:** P2-SB1 by AECOM.
- Access and Easements:**
 - Ex. 100'W Graded Corridor (by AECOM):** To Accommodate the 50'W Access Right-of-Way Lands and 50'W Permanent Right-of-Way Lands.
 - Ex. Offsite Diversion Ditch (by AECOM):** Located at the bottom center.
 - 200'W Multiple Pipeline Easement Corridor:** Indicated at the bottom right.
- Other Annotations:**
 - Various slope indicators (e.g., 3:1, 1:1, 2:1).
 - North arrow pointing towards the top of the map.
 - Section line labels (e.g., 1/4 SECTION LINE, 1/2 SECTION LINE).



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.

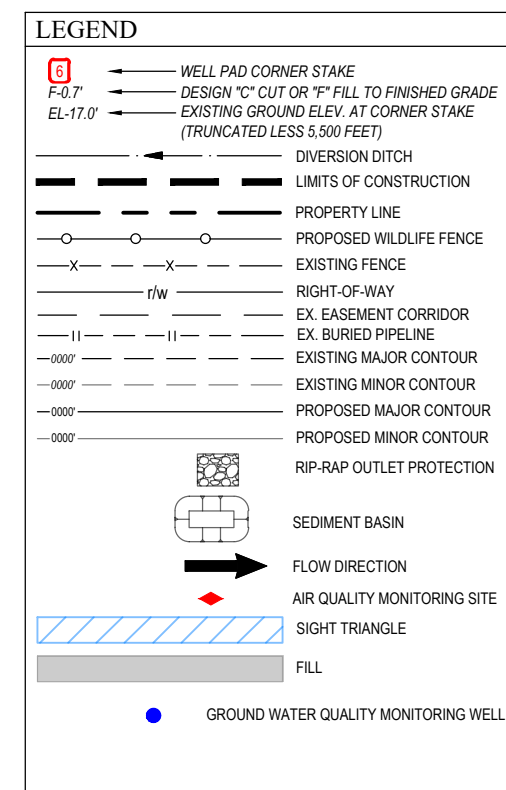


INVICTA 3-65-28 OIL & GAS PERMIT
(INVICTA 3-65 30-26 1HN, 2HN, 3HN, 4HN, 5HN, 6HN, 7HN, 8HN)
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The site plan illustrates the proposed well pad and associated infrastructure. Key features include:

- Well Pad (8.585 AC):** Located in the center-right, featuring a finished pad grade with a subgrade elevation of 1% and a gravel surface of 6" layer gravel.
- Drilling Rig:** Positioned at the bottom center, connected to the well pad by a hydraulic catwalk.
- Tanks and Structures:** A cluster of tanks including Fuel Tank, Gen House, Water Tank, Mud Pump, Mud Tank, POTBL WTR TANK, CUTOSS MNGMT, and ACMLATOR.
- Stockpiles:** A topsoil stockpile (17,850 CY) and a spoils stockpile (4,360 CY) are located in the upper right.
- Access and Boundaries:** A 30W Proposed Access Road is shown on the left, and a 4H Wildlife Fence encloses the site. Property lines and section lines are clearly marked.
- Topography:** Contour lines indicate the terrain, with elevations ranging from 5630 to 5660 feet.
- Infrastructure:** A 4H Wildlife Fence, Air Quality Continuous Monitor, and various ditches (Pad Ditch, Offsite Ditch) are also shown.

G - 1722
SHEET
4

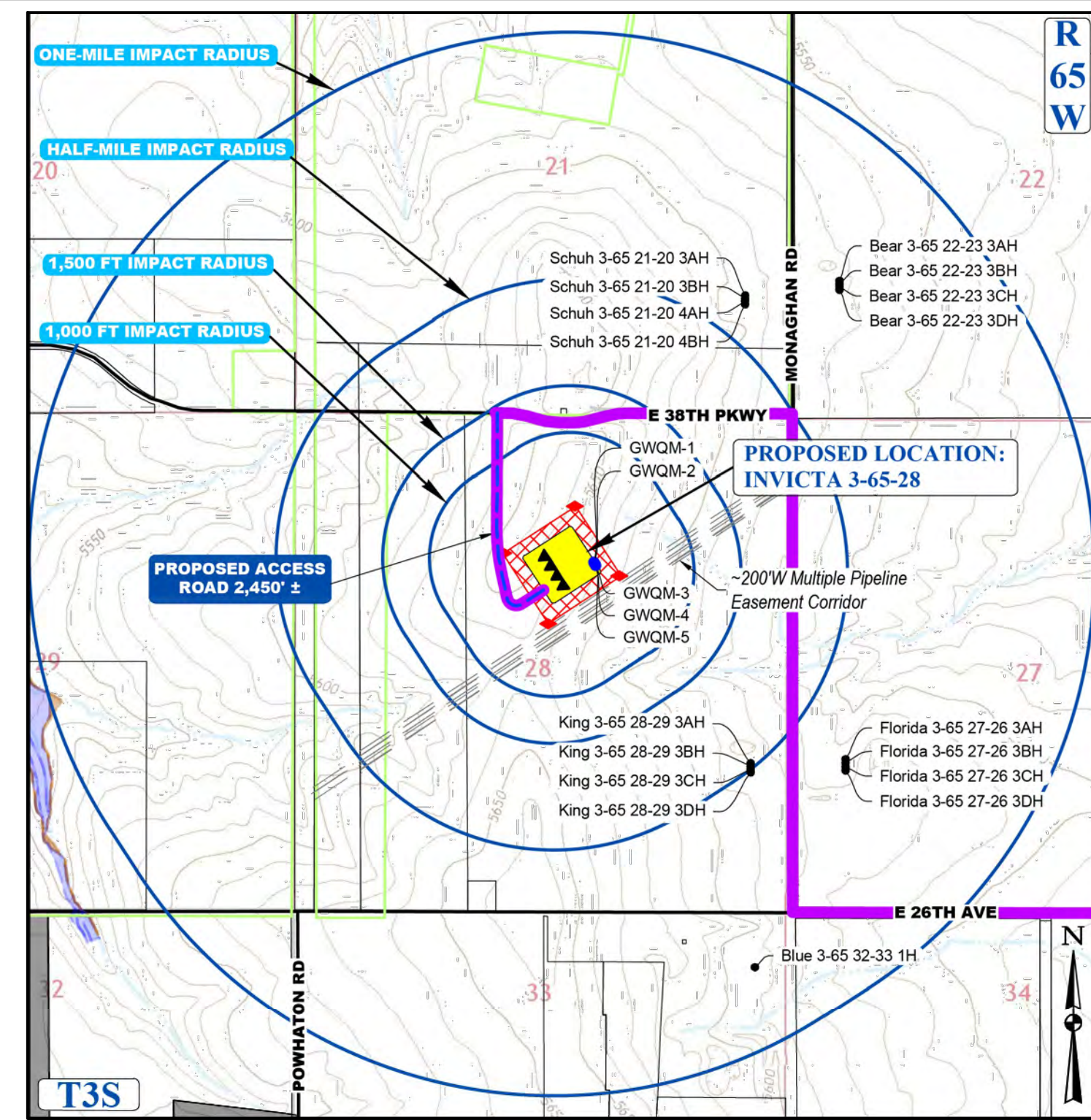
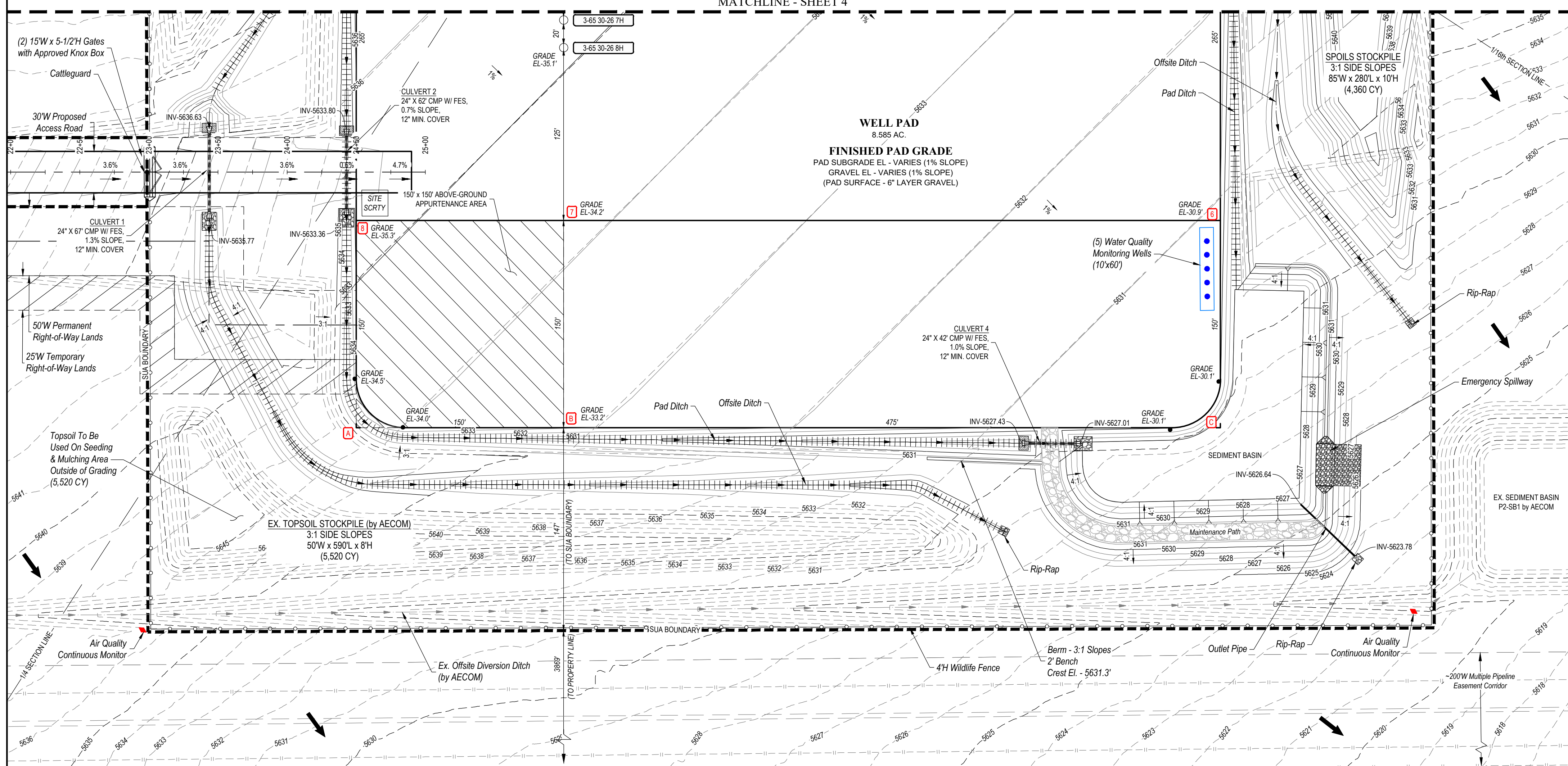


LEGEND		
◀	PROPOSED OIL AND GAS WELL SITE	— EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE	— PROPOSED ROAD
■	MUNICIPAL BOUNDARY	— HAIL ROUTE
⊠	LIMITS OF SITE DISTURBANCE	— PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER EOCM GIS ONLINE AUGUST 1, 2023	— NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS	500-YR FLOODPLAIN

Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter
Drilling Rig	1	60	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	-

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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	—	HAIL ROUTE
⊗	LIMITS OF SITE DISTURBANCE	—	PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER EPCAC GIS ONLINE AUGUST, 2023	—	NEIGHBORHOOD FLOODPLAIN
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◆	PROPOSED AIR QUALITY MONITORING STATIONS	—	500-YR FLOODPLAIN

Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter
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	-
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Mud Pump	3	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	-

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.

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 PLAN.
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 PADDED OUT 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. PERIODIC MAINTENANCE OF THE POND MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT BASINS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
4. SEDIMENT TRAP (ST) - WHERE THE TRIBUTARY DISTURBED AREA IS LESS THAN 1 ACRE A SEDIMENT TRAP WILL BE PLANNED FOR THE WELL SITE AT THE LOW POINT OF THE PAD. IT MAY BE IMPLEMENTED AT THE DOWNSTREAM TERMINATION OF THE DIVERSION DITCHES. THE TRAP WILL CONTAIN SILT FROM THE UPSTREAM FILL SLOPES AROUND THE PAD SITE. PERIODIC MAINTENANCE OF TRAPS MAY BE NECESSARY TO REMOVE ACCUMULATED SILT AND DEBRIS. SEDIMENT TRAPS SHALL BE INSTALLED BEFORE THE PAD SITE GRADING BEGINS.
5. DIVERSION DITCHES (DD) - UNLINED DIVERSION DITCHES WILL BE CONSTRUCTED AT THE TOE OF THE CUT AND FILL SLOPES ALONG THE BOUNDARIES OF THE PAD SITE. THESE DITCHES WILL CAPTURE SEDIMENT LADEN RUNOFF FROM THE SLOPES AND CHANNEL IT INTO SEDIMENT BASINS AND/OR TRAPS. IN THE FILL SLOPE APPLICATION, THE MATERIAL EXCAVATED FOR THE DITCH SHALL BE COMPACTED AND BERMED ON THE DOWNHILL SIDE FOR AN ADDITIONAL LAYER OF PROTECTION. DOWNSTREAM DITCHES SHALL BE USED AS 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 SLOPES 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. RIPPAP 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. RIPPAP SHALL BE INSTALLED IN THE INTERIM PHASE, FOLLOWING CULVERT INSTALLATION.
9. EROSION CONTROL BLANKET (ECB) - STEEP SLOPES SHALL BE PROTECTED WITH STRAW COCOON 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 APPROVED. APPROVED MATERIALS INCLUDE PREMIXED ROAD BASE MATERIAL, 1.5 INCHES AND FINE RIVER ROCK, CRUSHED GRAVEL OR AGGREGATE WITH NOT LESS THAN 10% FINE MATERIAL. 1.5 INCHES AND FINE RIVER ROCK OR CRUSHED GRAVEL OR AGGREGATE SHALL BE ADDED FOR THE ROAD BASE. THE ROAD SHALL BE CLASSIFIED AS A RIGID SURFACE CONCOURS OR PAVEMENT. THE ROAD SHALL BE ADDED FOR THE ROAD FROM 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 - 75 DAYS, 24 HOURS/DAY
 HYDRAULIC FRACTURING - 30 DAYS, 24 HOURS/DAY
 PRODUCTION - 20+ YEARS
4. THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
5. A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
6. WHEN THE DRILLING FOR THE WELL IS COMPLETE, THE RIG AND ASSOCIATED SUPPORT EQUIPMENT WILL BE REMOVED. VEHICLE TRAFFIC TO AND FROM THE SITE OVER THAT PERIOD OF TIME WILL BE PRIMARILY PASSENGER AND LIGHT TRUCK TRAFFIC, WITH AN OCCASIONAL MAINTENANCE VEHICLE. THE SITE WILL CONTINUE TO BE MAINTAINED UNTIL FINAL ABANDONMENT. WELL RESEED 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

DISCLA

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

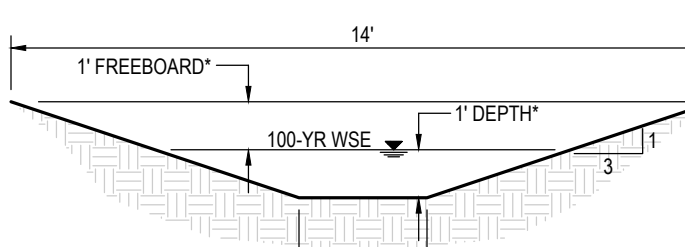
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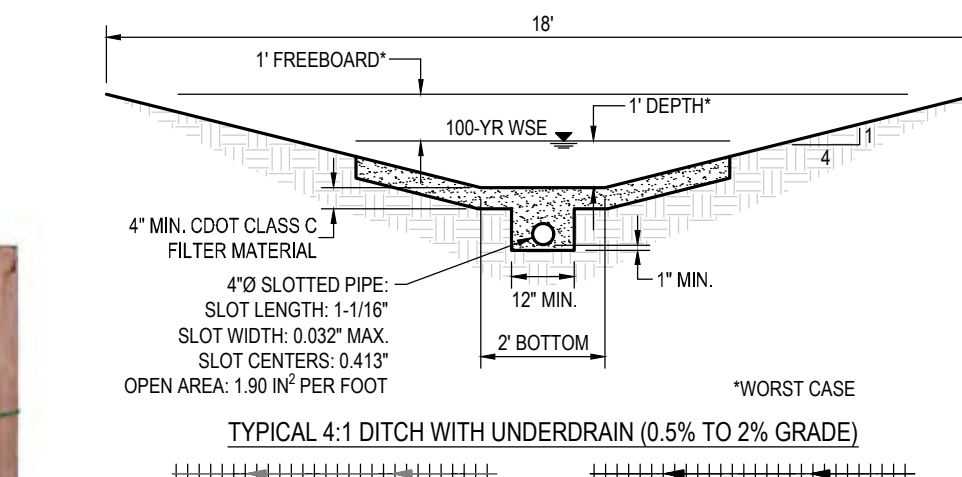
WOOD POSTS AT
FENCE CORNERS
AND INTERSECTIONS



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



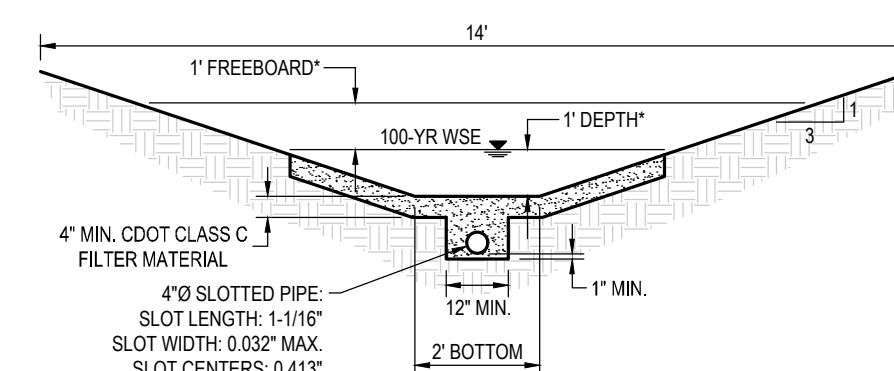
TYPICAL 3:1 DITCH ($\geq 2\%$ GRADE)



OPEN AREA: 1.90 IN² PER FOOT

*WORST CASE

TYPICAL 4:1 DITCH WITH UNDERDRAIN (0.5% TO 2% GRADE)



OPEN AREA: 1.90 IN² PER FOOT *WORST CASE

SIGNAGE:



ENTRY SIGN TO BE PLACED AT WELL ACCESS
ROAD INTERSECTION WITH PUBLIC ROAD
SIZE: 1' 5" X 2'

"WORST CASE
GRADE"

4%

1' = 50'

S C A L E

A BM, E-120(A)
 26TH AVE.
 VR. POLE



CALL 811
 TWO WORKING DAYS
BEFORE YOU D
1-800-922-19

UNCC
 UTILITY NOTIFICATION
 CENTER OF COLORADO



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85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.untahgroup.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

[illegible]

RESPONSIBLE ENGINEER:

DRILLING OPERATIONS SITE PLAN	
SCALE: AS NOTED	
DRAWN BY: C.D.C.	
DATE DRAWN: 09-19-2024	
PROJ. NO: GMT01-23-0001	
UELS FILE NO:	
G - 1 7 2 2	
SHEET	
5	

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

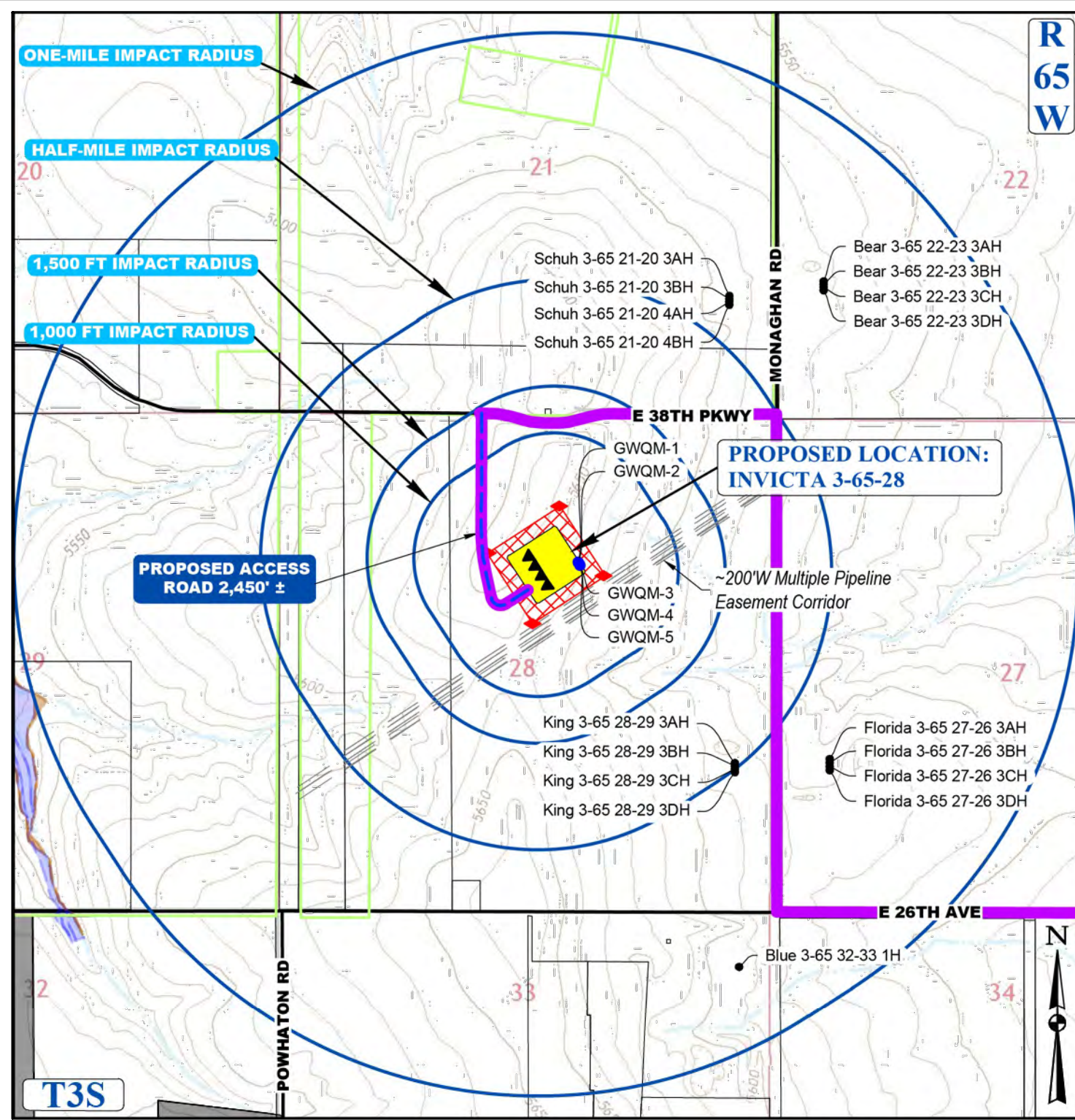
ACCESS ROAD AND PAD CONSTRUCTION SHALL BE DESIGNED AND MAINTAINED TO SUPPORT IMPOSED LOADS OF FIRE APPARATUS (85,000 LBS) UTILIZING THE CDOT ROAD-BASE #6 SPECIFICATION TO PROVIDE FOR ALL WEATHER DRIVING CAPABILITIES. THE ACCESS ROAD SHALL BE 23' WIDE WITH A 29' INSIDE TURNING RADIUS. WHILE CDOT #6 IS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

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 ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
5. A PHOTOMETRIC PLAN IS INCLUDED HEREWITH.
6. WHEN THE DRILLING FOR THE WELL IS COMPLETE, THE RIG AND ASSOCIATED SUPPORT EQUIPMENT WILL BE REMOVED. VEHICLE TRAFFIC TO AND FROM THE SITE OVER THAT PERIOD OF TIME WILL BE PRIMARILY PASSENGER AND LIGHT TRUCK TRAFFIC, WITH AN OCCASIONAL MAINTENANCE VEHICLE. THE SITE WILL CONTINUE TO BE MAINTAINED UNTIL FINAL ABANDONMENT, WITH WEED AND SNOW REMOVAL, AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
7. 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:

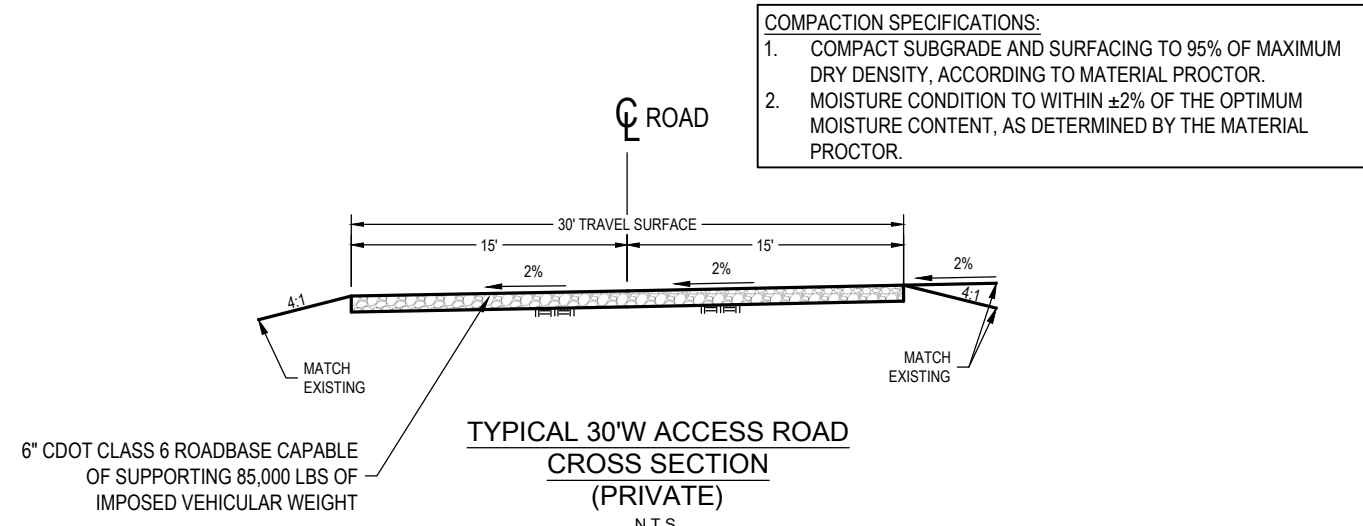
1. GMT EXPLORATION COMPANY, LLC IS CURRENTLY EVALUATING AVAILABLE WATER SOURCES FOR THE PROPOSED DRILLING AND COMPLETION OPERATIONS. WHEN FEASIBLE, FRESH WATER WILL BE DELIVERED TO THE SITE VIA TEMPORARY ABOVE GROUND WATER LINES. THE ROUTE OF THE TEMPORARY WATER LINE IS DETERMINED PRIOR TO THE START 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.



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
EXISTING FENCE	RIGHT-OF-WAY
EXISTING EASEMENT CORRIDOR	EXISTING 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	



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 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.

SURVEY BENCHMARK

COA ID: 356628E001
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.



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:

ACCESS ROAD SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UTLS FILE NO.:

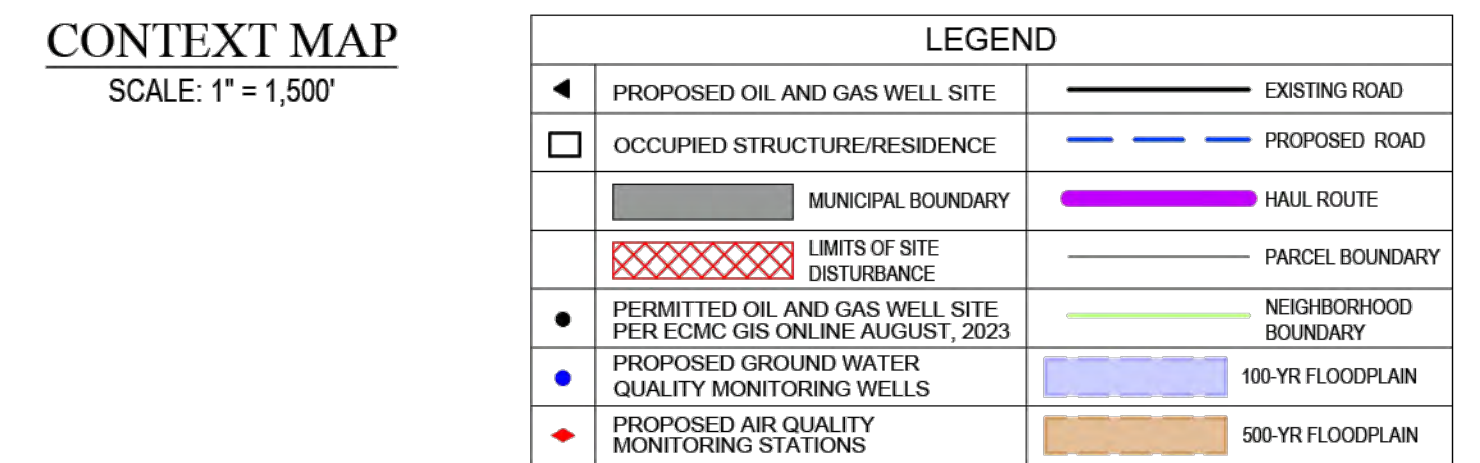
G - 1 7 2 2

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



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
WIRELINER EQUIPMENT	2
PREVAILATION CHARGE STORAGE	1
OPEN TOP TANK	1
FLOWBACK TANK	3
PUMP DOWN TANK	2

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4. THE SURFACE MATERIAL FOR THE ACCESS ROAD AND THE PAD SITE WILL BE GRANULAR MATERIAL. RECYCLED CONCRETE IS NOT PERMITTED.
5. A PHOTOGRAPHIC PLAN IS INCLUDED HEREWITH.
6. WHEN THE DRILLING FOR THE WELL IS COMPLETE, THE RIG AND ASSOCIATED SUPPORT EQUIPMENT WILL BE REMOVED. VEHICLE TRAFFIC TO AND FROM THE SITE OVER THAT PERIOD OF TIME WILL BE PRIMARILY PASSENGER AND LIGHT TRUCK TRAFFIC, WITH AN OCCASIONAL MAINTENANCE VEHICLE. THE SITE WILL CONTINUE TO BE MAINTAINED UNTIL FINAL ABANDONMENT, WITH WEED AND SNOW REMOVAL, AND ACCESS ROAD MAINTENANCE PERFORMED AS NEEDED.
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1. REINFORCED ROCK BERMS (RRB) AND (RRC) - REINFORCED ROCK BE

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 FOR 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 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 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 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 EROSION CONTROL MEASURE. DIVERSION DITCHES SHALL BE CONSTRUCTED TO BEETWEEN WORK BERMS 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 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 SHALL BE DESIGNED AND MAINTAINED TO

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

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3S6528SF001

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ATOP A 30" LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
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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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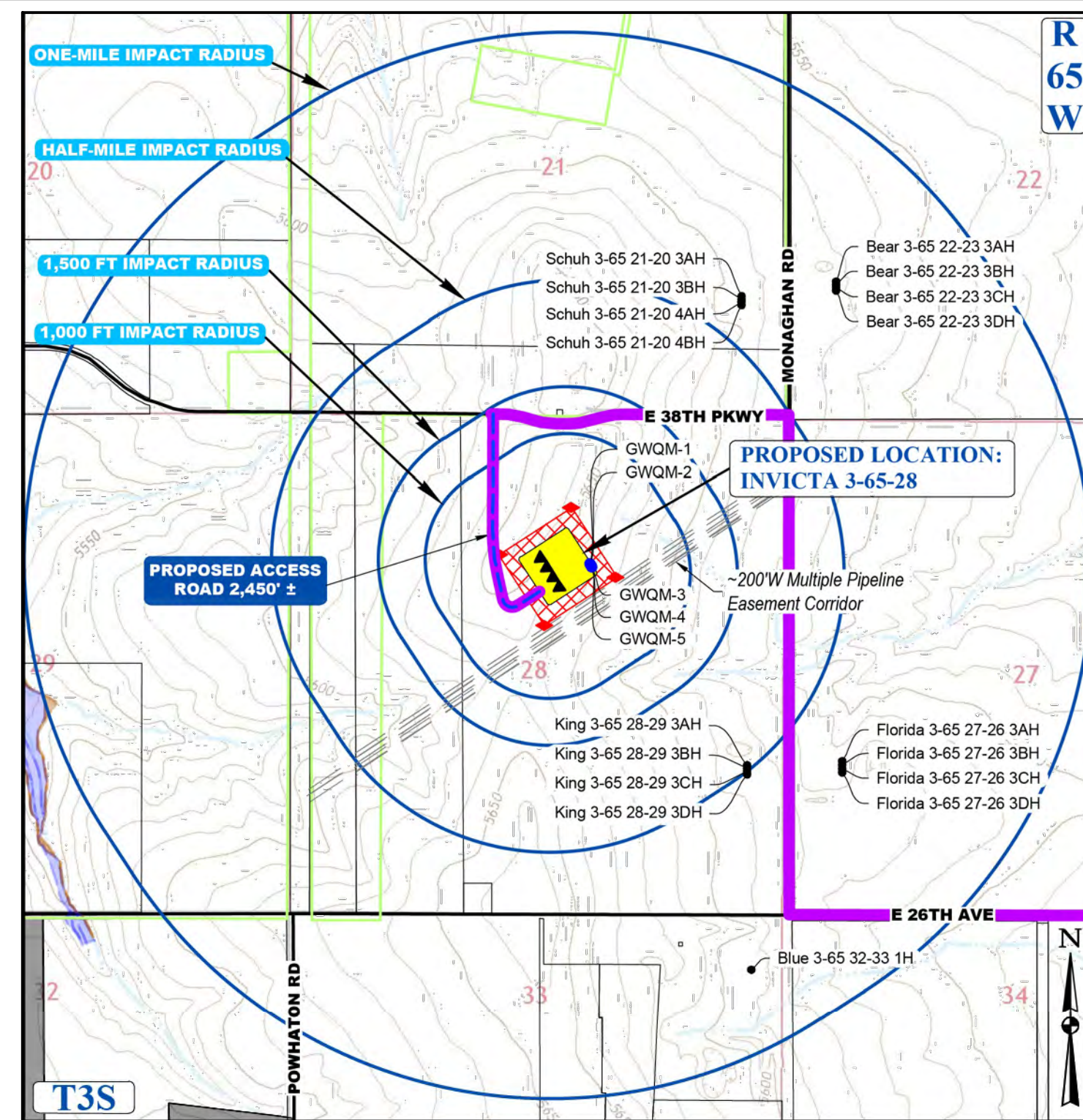
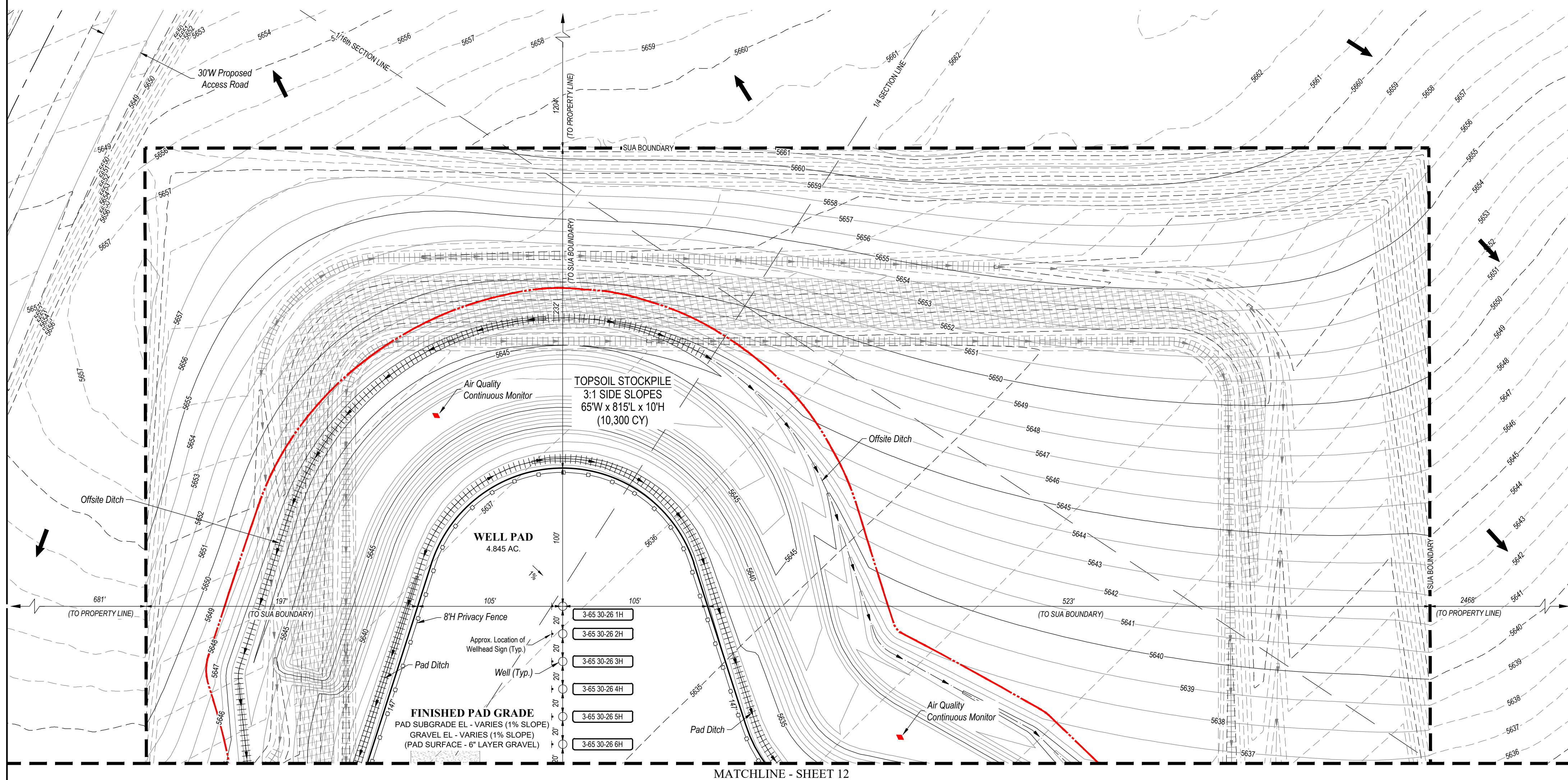
COMPLETION
OPERATIONS
SITE PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

G - 1722
SHEET
8

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

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

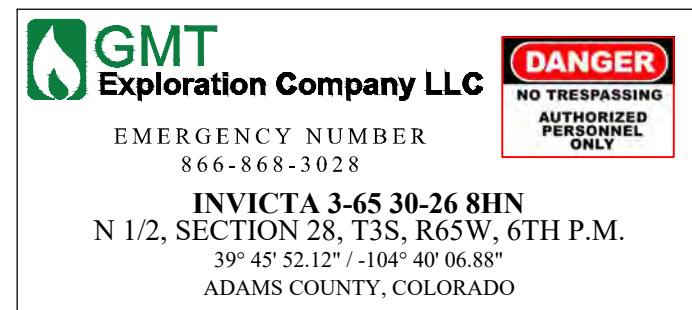


CONTEXT MAP
SCALE: 1" = 1,500'

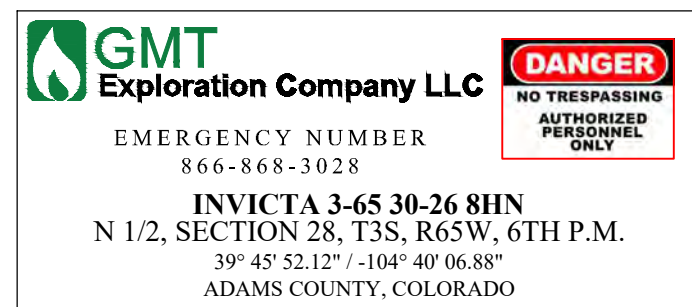
LEGEND			
◀	PROPOSED OIL AND GAS WELL SITE	—————	EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE	- - - - -	PROPOSED ROAD
■	MUNICIPAL BOUNDARY	—————	HAUL ROUTE
▨	LIMITS OF SITE DISTURBANCE	—————	PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE AUGUST, 2023	—————	NEIGHBORHOOD FLOODPLAIN
●	PROPOSED WATER 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	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
Pressure 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	2	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 Pump	1	2	2	6
HP ECD Knockout Drum	1	8	6	6
LP ECD Knockout Pump	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

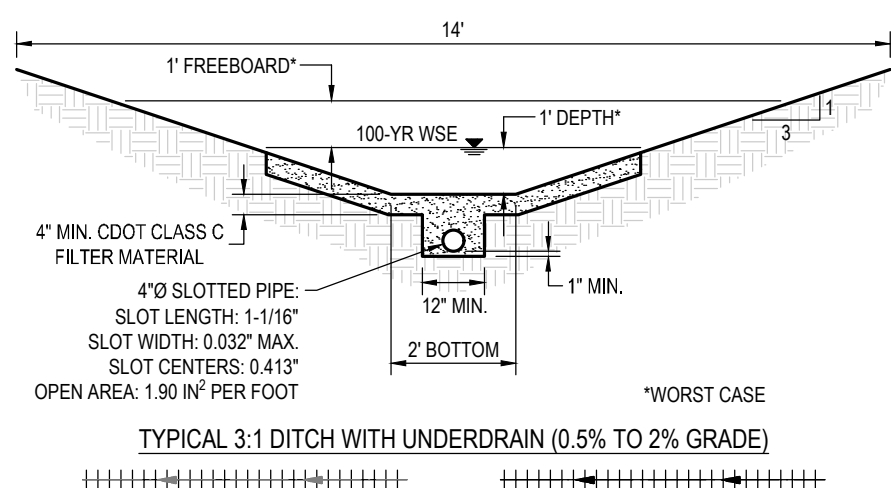


ENTRY SIGN TO BE PLACED AT TANK BATTERY
SIZE: 3' X 3'

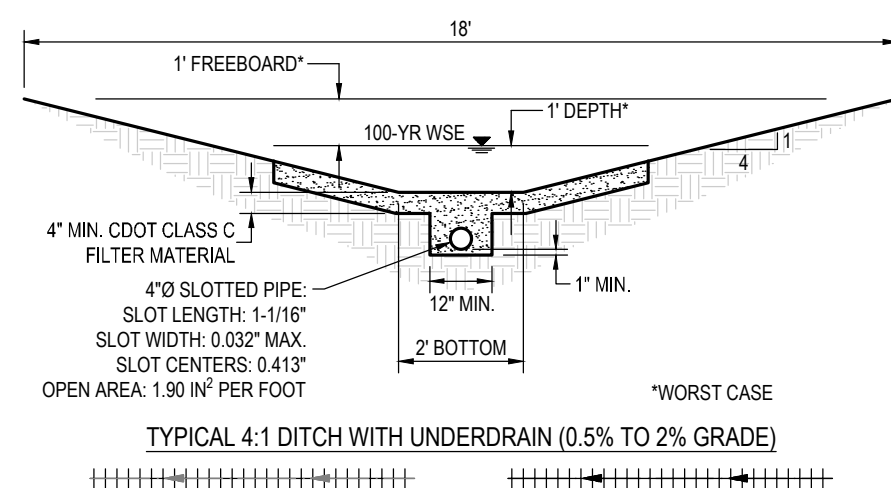
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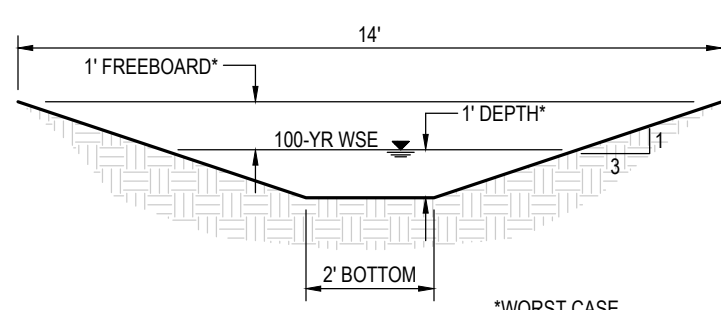
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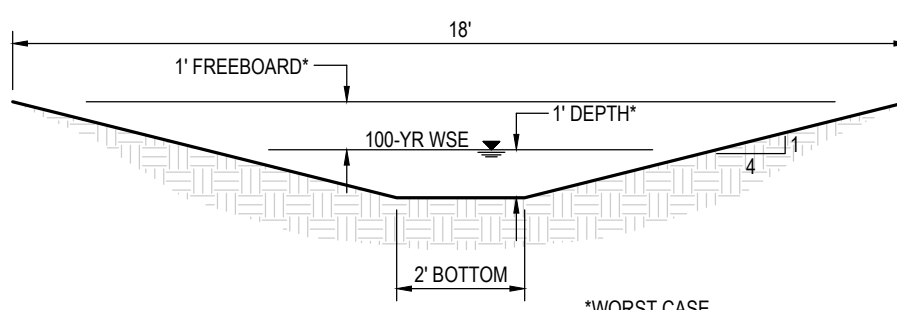
TYPICAL 3:1 DITCH WITH UNDERDRAIN (0.5% TO 2% GRADE)



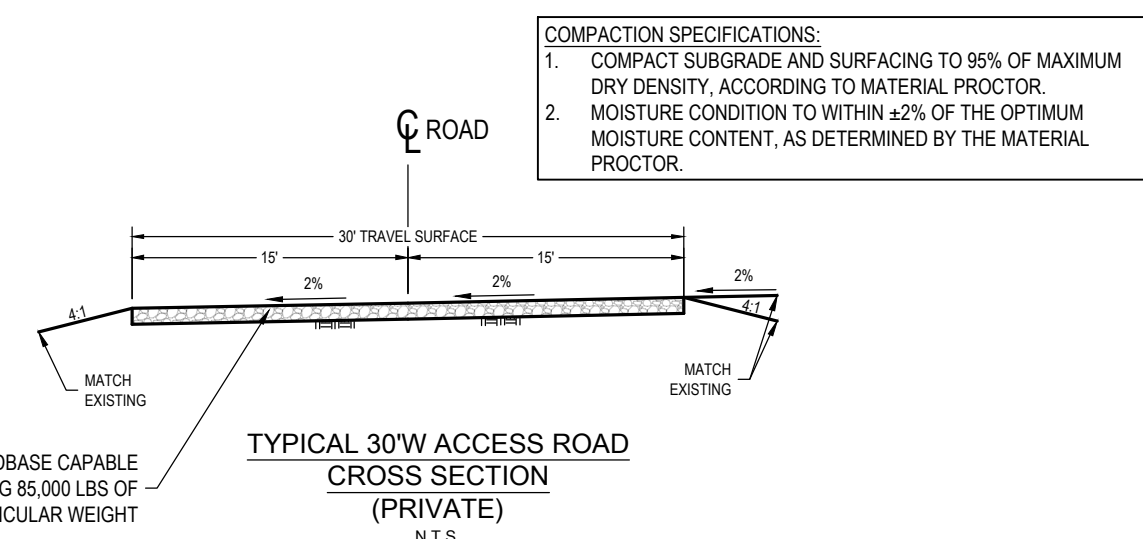
TYPICAL 4:1 DITCH WITH UNDERDRAIN (0.5% TO 2% GRADE)



TYPICAL 3:1 DITCH (≥ 2% GRADE)



TYPICAL 4:1 DITCH (≥ 2% GRADE)



TYPICAL 30"W ACCESS
CROSS SECTION
(PRIVATE)
NTS

SURVEY BENCHMARK

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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:

INTERIM RECLAMATION PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

G - 1 7 2 2

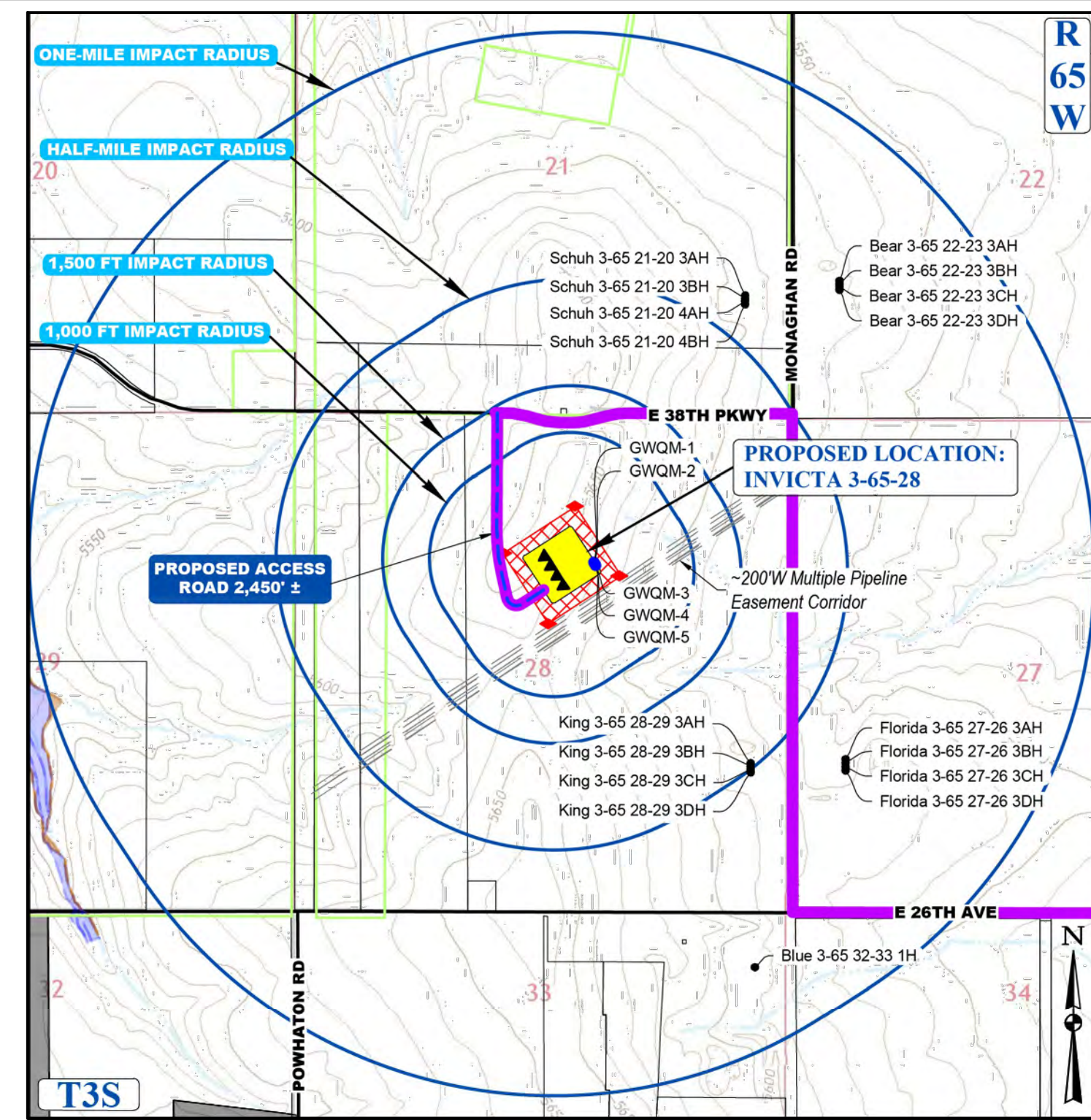
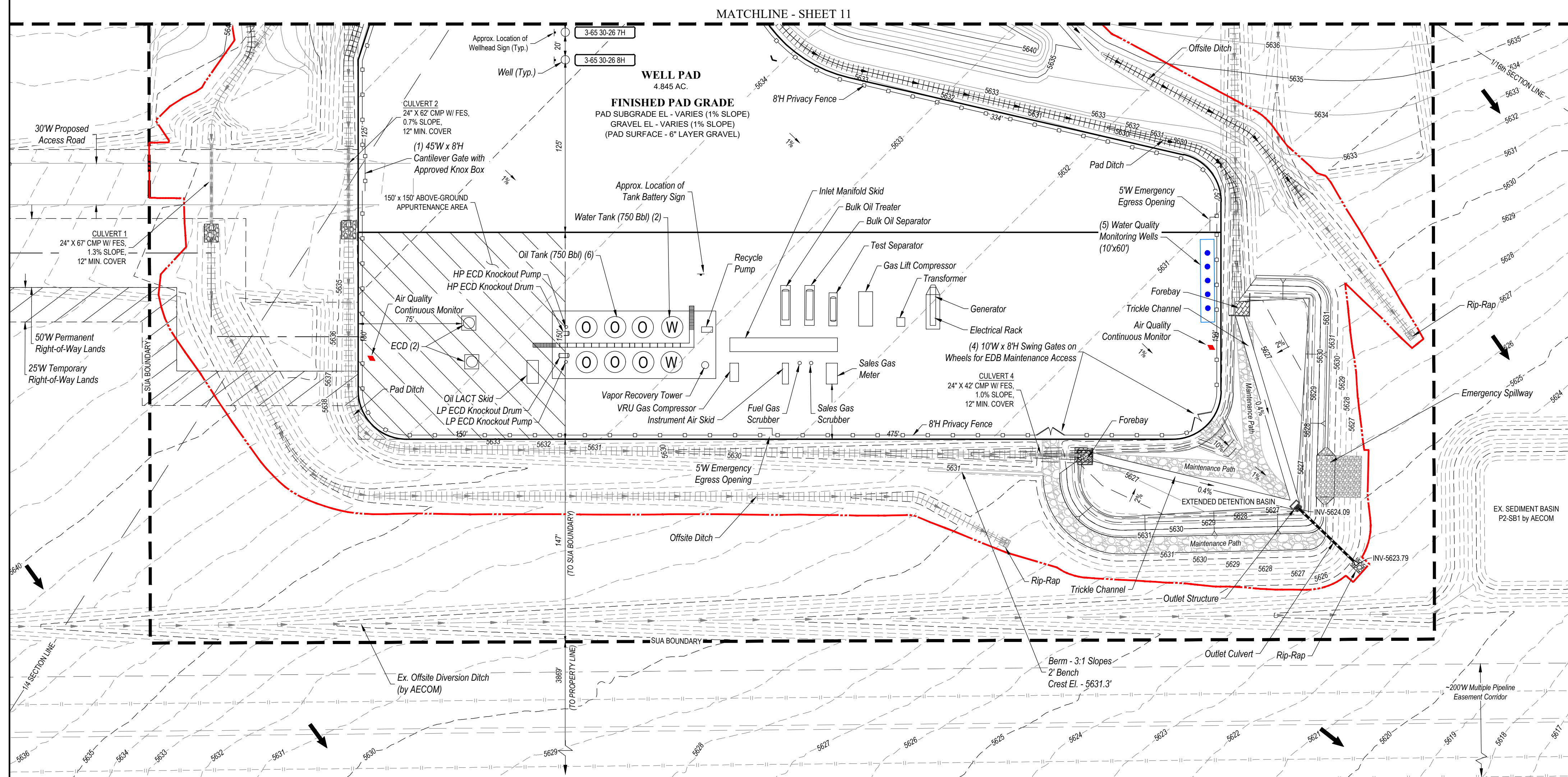
G 1722

SHEET

11

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

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

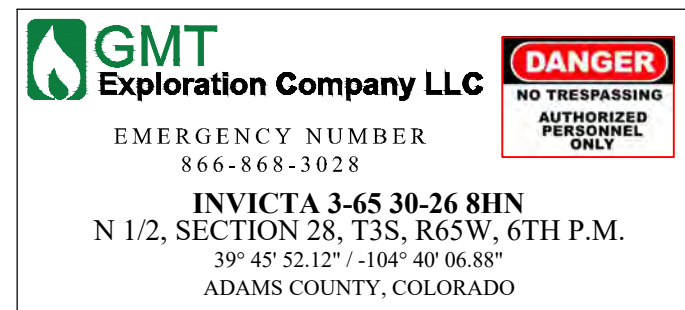


CONTEXT MAP
SCALE: 1" = 1,500'

LEGEND		
◀	PROPOSED OIL AND GAS WELL SITE	— EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE	— PROPOSED ROAD
■	MUNICIPAL BOUNDARY	— HAIL ROUTE
⊗	LIMITS OF SITE DISTURBANCE	— PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER E.C.M.C. GAS ONLINE AUGUST 1, 2023	NEIGHBORHOOD BOUNDARY
◆	PROPOSED GROUND WATER QUALITY MONITORING WELLS	100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING SITES	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	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
Pressure Recovery Tower	1	4	4	47
Oil Tank (750 Bbl)	6	16	18	25
Water Tank (750 Bbl)	2	16	16	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

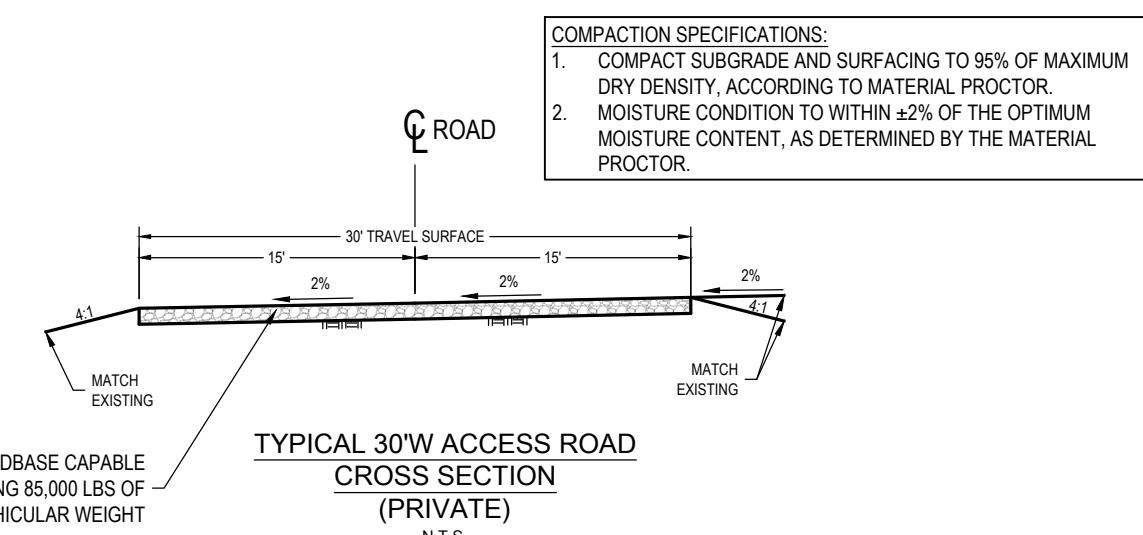
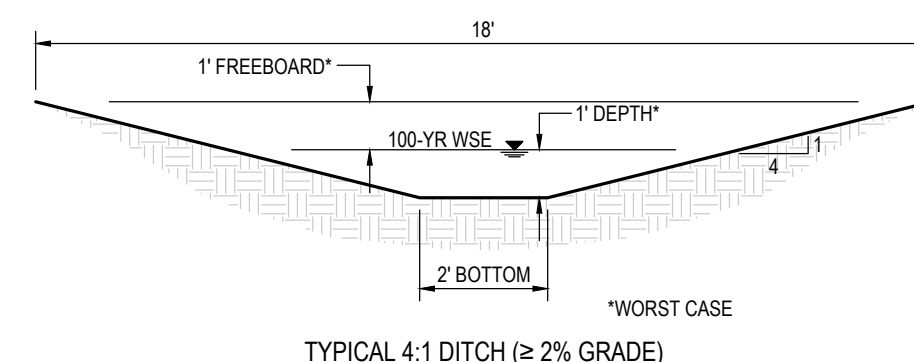
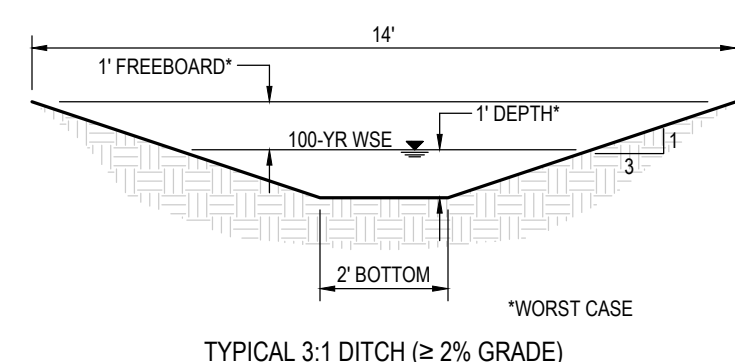
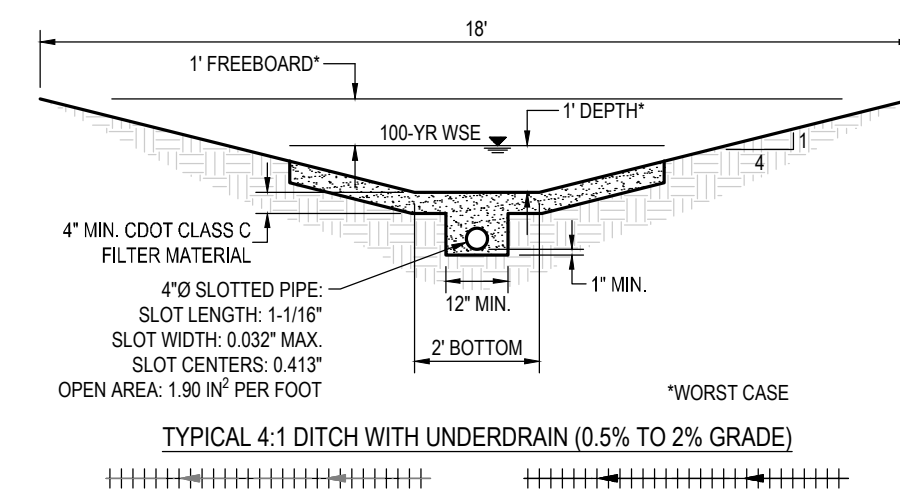
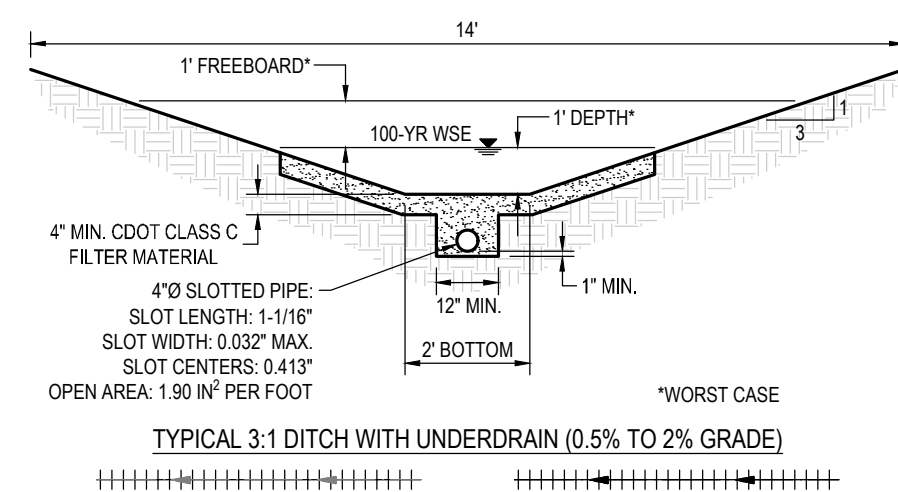
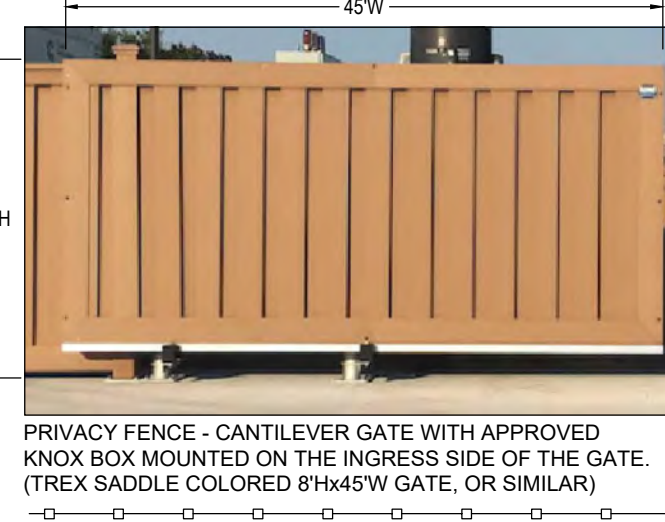
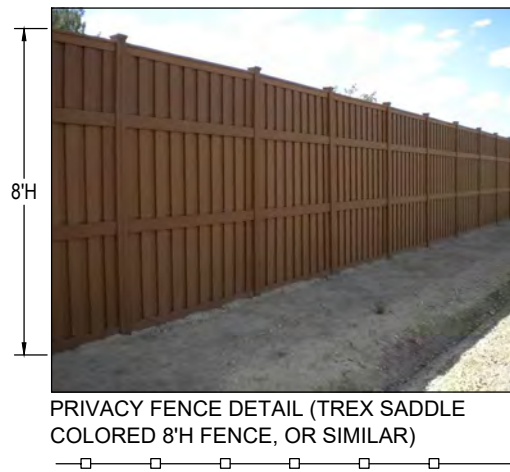
SIGNAGE:



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



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 ST. 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

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:

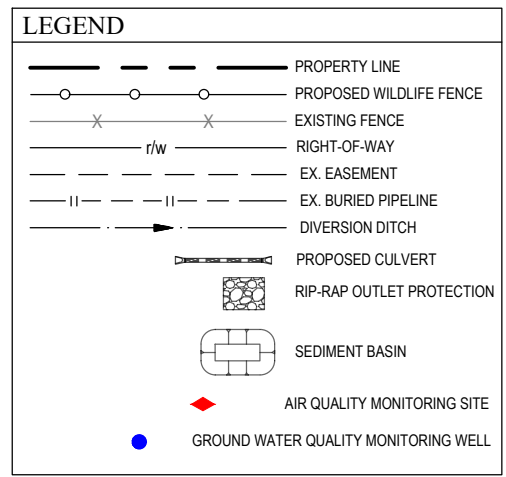
INTERIM
RECLAMATION
PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

G - 1 7 2 2

SHEET

12



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 EOCMG GIS ONLINE AUGUST 1, 2023	—————	NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUNDWATER QUALITY MONITORING WELLS	—————	100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS	—————	500-YR FLOODPLAIN



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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

[illegible]

RESPONSIBLE ENGINEER:

ADJACENT VISIBLE
IMPROVEMENTS &
EASEMENTS

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

G - 1722
SHEET

13

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.

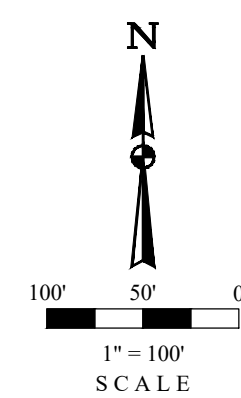
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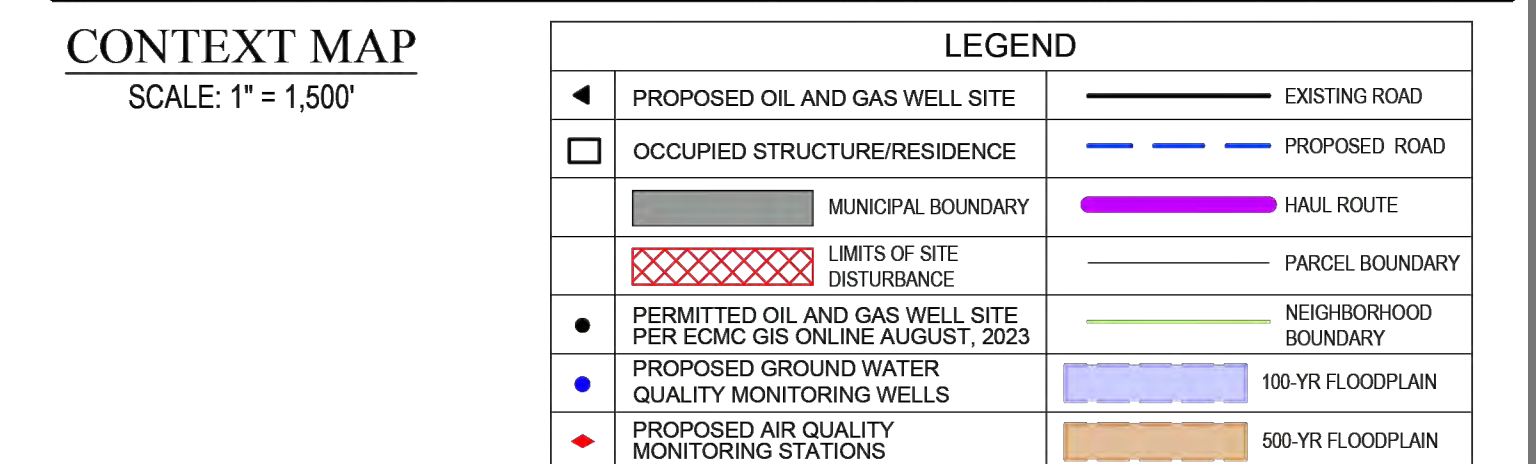
1. EXISTING SITE SURVEY WAS PROVIDED BY AZTEC CONSULTANTS, INC. (JOB NUMBER 136618-04) DATED JUNE 20, 2022. BENCHMARK: CITY OF AURORA BENCHMARK 356636NE03 BEING A 3" DIAMETER BRASS CAP STAMPED "COA BM, 19-020B, E-090A" LOCATED ON TOP OF THE SOUTH WALL AT THE SOUTHEAST CORNER OF THE EAST 26TH AVENUE BRIDGE CROSSING OVER E-470. AKA 19-020B.
2. EXISTING SITE GRADED SURFACE WAS PROVIDED BY DAVID CENTER WITH AECCOM, EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.

SURVEY BENCHMARK
COA ID: 3S6528SE001
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A) ATOP A 30' LONG ST. 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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[illegible]

-

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-U5-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
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: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO:

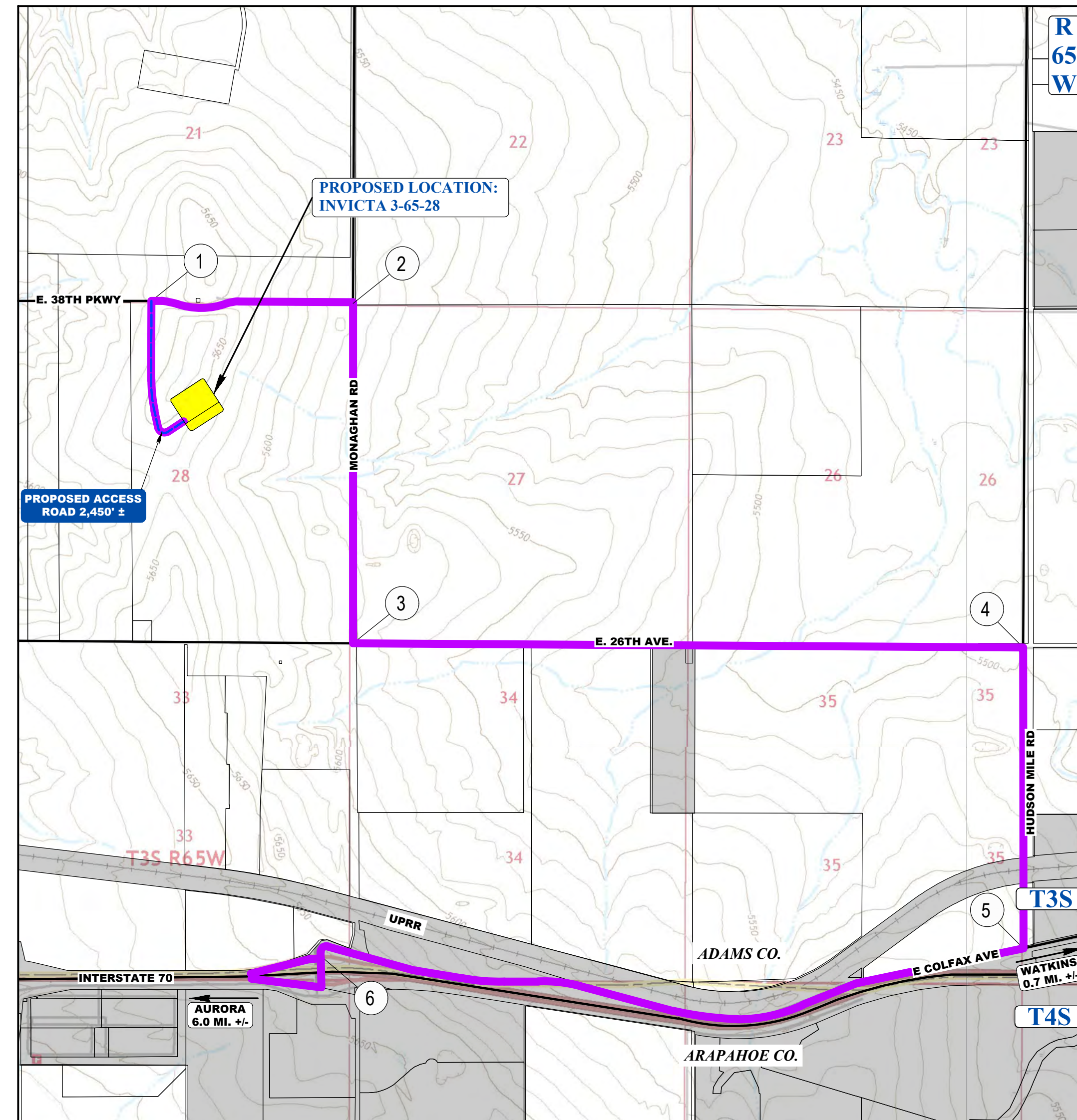
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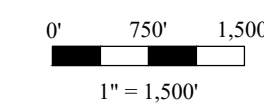
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HAUL ROUTE MAP:

SCALE: 1" = 1,500'

IMAGE DATA SOURCE: GOOGLE EARTH

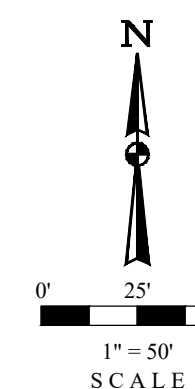


1" = 1,500'

SCALE

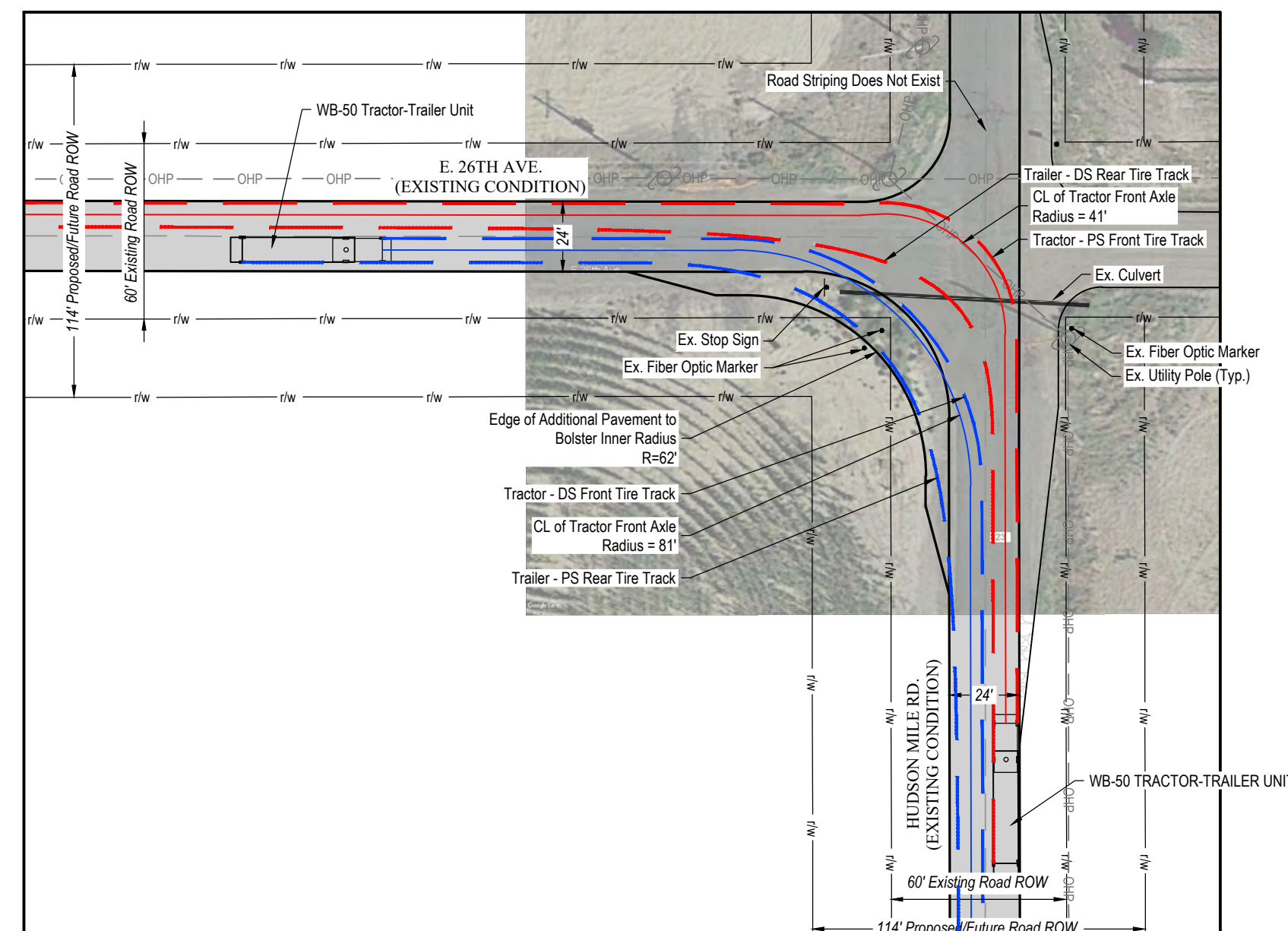


LEGEND:	
— OHP —	EXISTING UTILITY POLE
— F —	EXISTING OVERHEAD POWER
— E —	EXISTING FIBER OPTIC
— E —	EXISTING ELECTRIC LINE
— P —	PROPERTY LINE
— E —	EASEMENT BOUNDARY
— L —	CL OF FRONT AXLE - LEFT TURN
— R —	TIRE TRACK - LEFT TURN
— L —	CL OF FRONT AXLE - RIGHT TURN
— R —	TIRE TRACK - RIGHT TURN
— E —	EXISTING EDGE OF ASPHALT
— R —	EXISTING EDGE OF ROAD
— W —	RIGHT-OF-WAY
— S —	SIGHT TRIANGLE



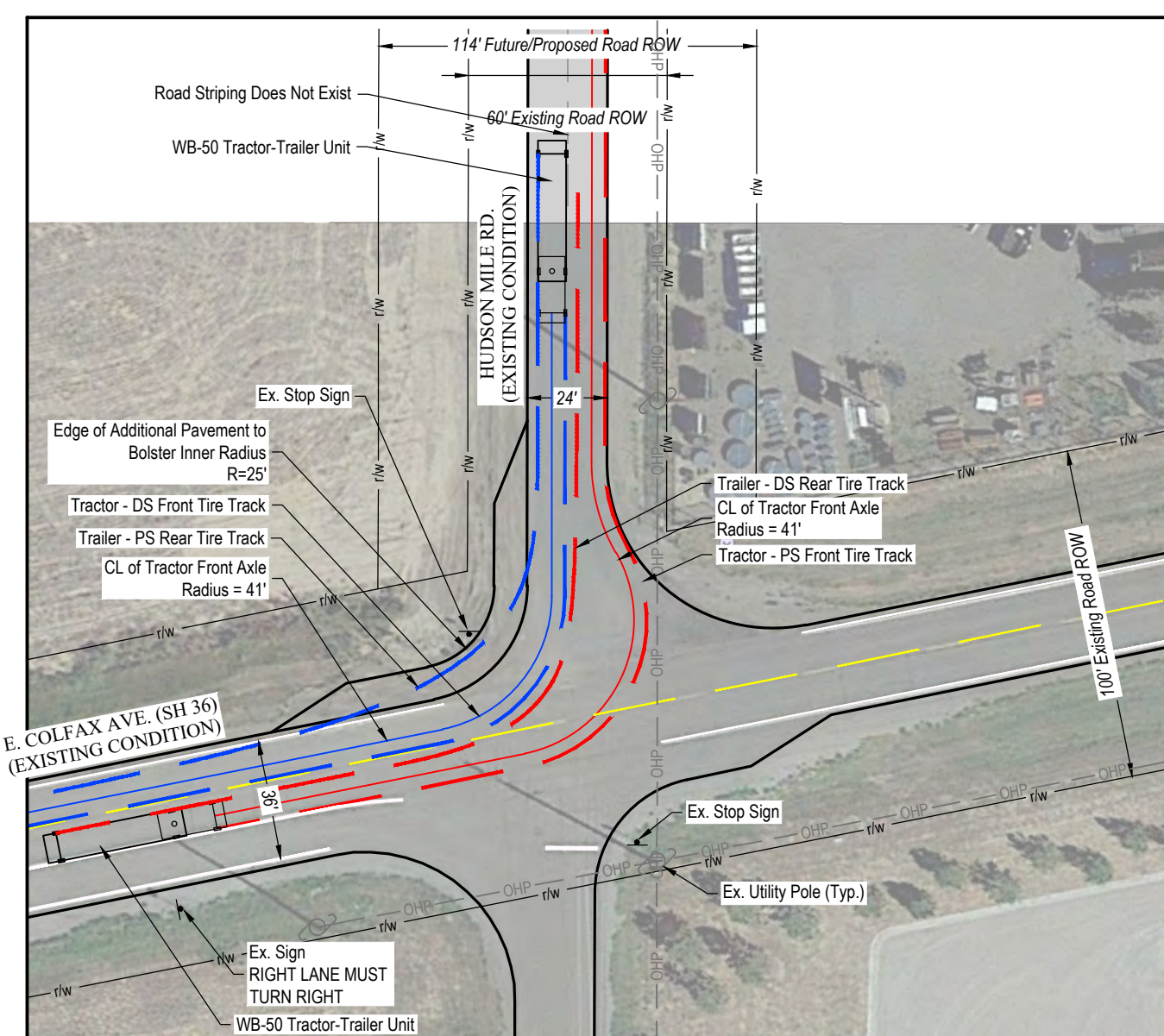
1" = 50'

SCALE



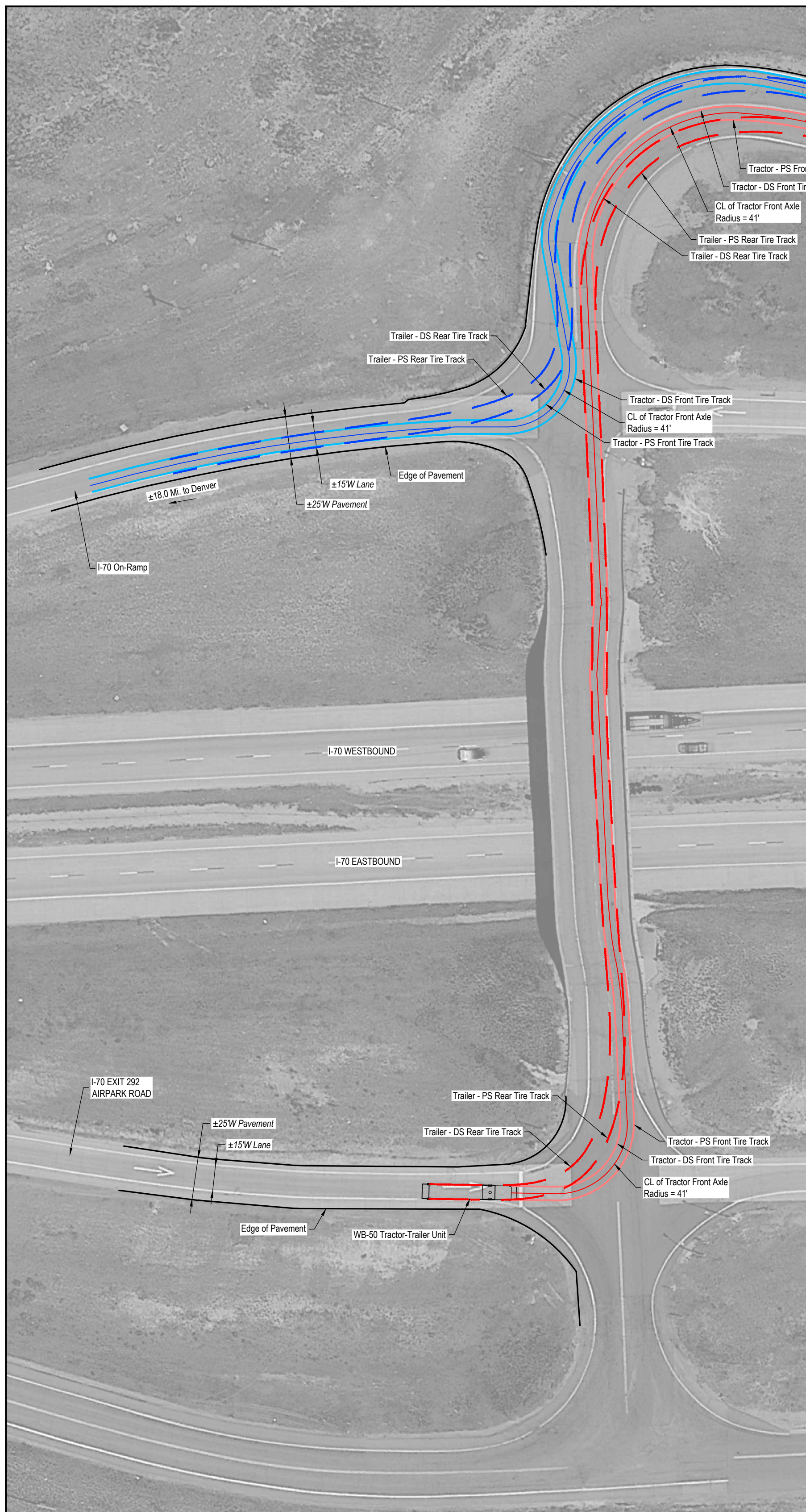
4 TRUCK TRACKING ANALYSIS - E. 26TH AVE. & HUDSON MILE RD.

SCALE: 1" = 50'



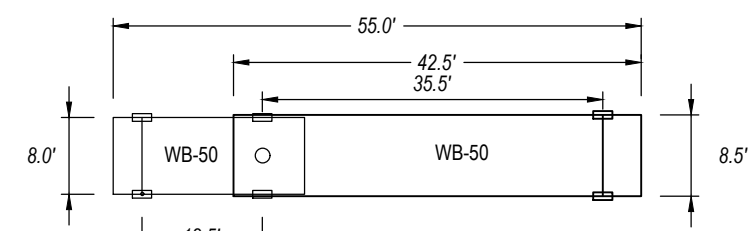
5 TRUCK TRACKING ANALYSIS - HUDSON MILE RD. & E. COLFAX AVE. (SH 36)

SCALE: 1" = 50'



6 TRUCK TRACKING ANALYSIS - I-70 & E. COLFAX AVE.

SCALE: 1" = 50'



WB-50 TRACTOR-TRAILER UNIT
NO SCALE

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.

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 EOCM, SIB ONLINE AUGUST 2023	————	NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS	————	100-YR FLOODPLAIN
◆	PROPOSED AIR QUALITY MONITORING STATIONS	————	500-YR FLOODPLAIN

Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter (in)
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	-

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
Pressure 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	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 Pump	1	2	2	6
LP ECD Knockout Drum	1	8	3	6

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.

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:

EQUIPMENT
ELEVATION SHEET

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

SHEET



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	-

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GMT EXPLORATION COMPANY, LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE
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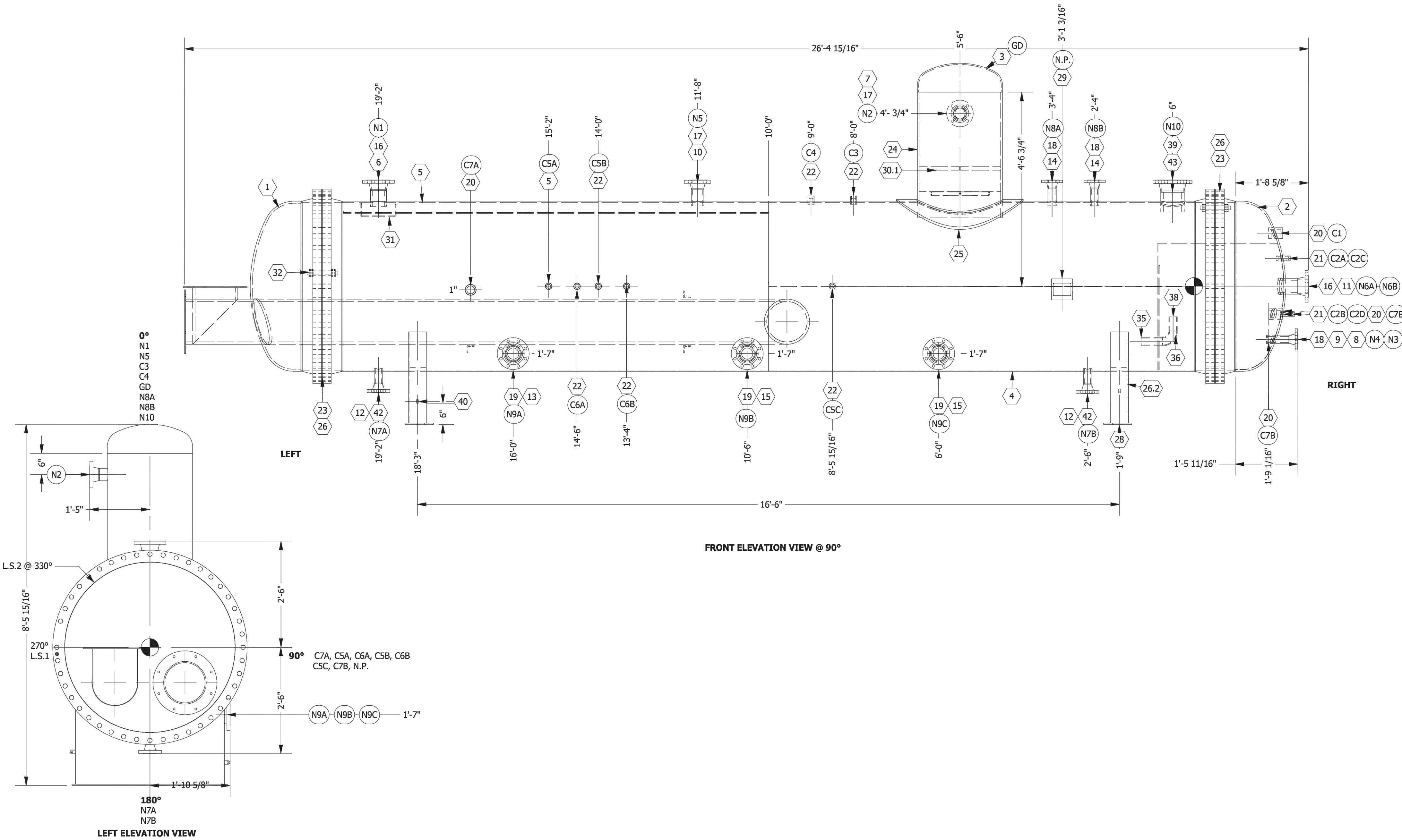


Equipment	Qty	Length (ft)	Width (ft)	Height (ft)	Diameter
Drilling Rig	1	80	75	170	-
Hydraulic Catwalk	1	55	9	4	-
Pipe Rack	6	60	-	-	-
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Mud Tank	2	48	12	11	-
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Mud Pump	3	48	12	11	-
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Potable Water Tank	1	20	20	11	-
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NOTES:
GMT EXPLORATION COMPANY, LLC CERTIFIES THAT ALL STRUCTURES ARE IN COMPLIANCE
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CERTIFICATION OF NON-RESIDENTIAL MODULAR OR FACTORY-BUILT STRUCTURES.

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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

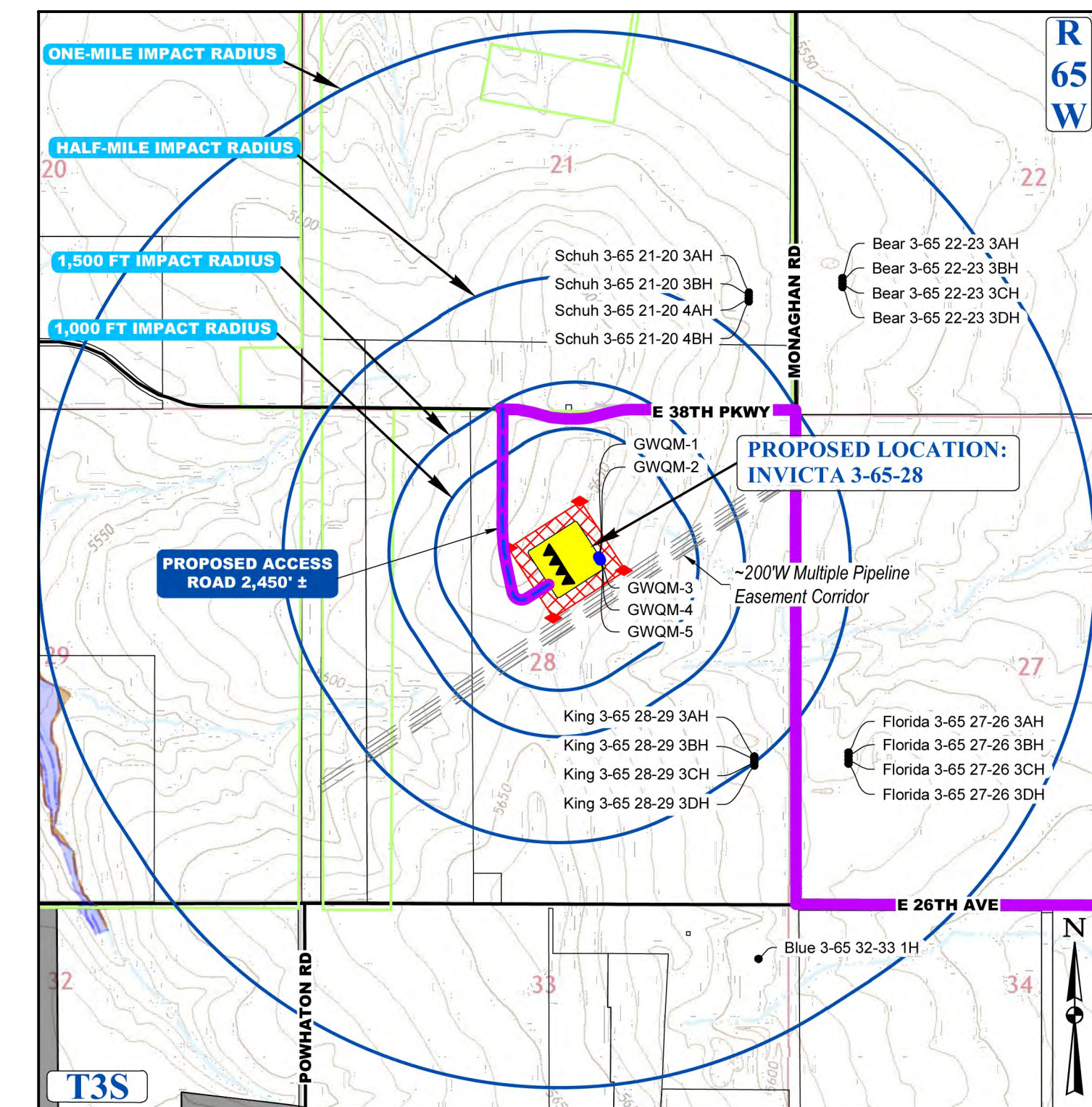




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LEGEND			
◀	PROPOSED OIL AND GAS WELL SITE	————	EXISTING ROAD
□	OCCUPIED STRUCTURE/RESIDENCE	———	PROPOSED ROAD
■	MUNICIPAL BOUNDARY	————	HAUL ROUTE
⊠	LIMITS OF SITE DISTURBANCE	————	PARCEL BOUNDARY
●	PERMITTED OIL AND GAS WELL SITE PER ECMC GIS ONLINE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

NOTE:

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-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.



UNCC
UTILITY NOTIFICATION
CENTER OF COLORADO

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

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

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN OVERVIEW

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

SHEET
21

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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CIVIL AND STRUCTURAL
ENGINEERING AND
LAND SURVEYING SERVICES





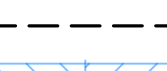
85 South 200 East, Vernal, UT 84078
O: 435.789.1017
www.untahgroup.com

- SINCE 1964 -

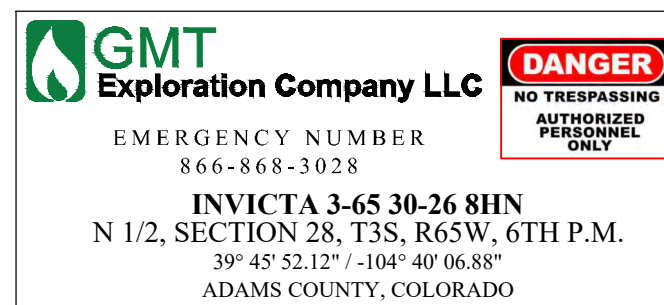


SCALE: 1" = 500'

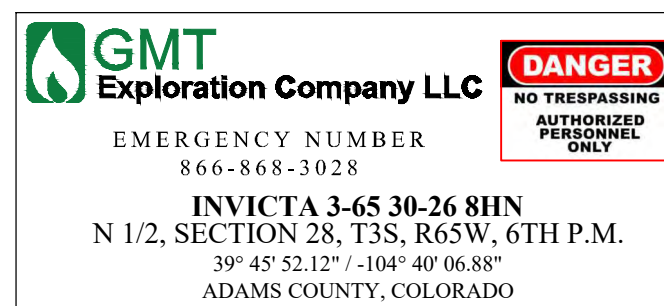
LEGEND:

——— 0000' ——— MAJOR CONTOURS - 5'
 ——— 0000' ——— MINOR CONTOURS - 1'
 TREES
 SHRUBS
 MULCH - 3" DEPTH
 CASCADE CEDAR
 6H PRIVACY FENCE
 ——— STEEL EDGER
 SIGHT TRIANGLE

SIGNAGE:



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



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



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



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 JCS OIL/NGL DIST. 2023	—	NEIGHBORHOOD BOUNDARY
●	PROPOSED GROUND WATER QUALITY MONITORING WELLS	—	100-YR FLOODPLAIN
●	PROPOSED AIR QUALITY MONITORING STATIONS	—	500-YR FLOODPLAIN

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: 417 SHRUBS	481 SHRUBS
	WIDTH REQUIRED	WIDTH PROVIDED
	25 FEET	25 FEET

NOTES






1. ADJACENT RESIDENTIAL PROPERTY LINES LANDSCAPE BUFFER PLANTING REQUIREMENTS SHALL BE CALCULATED AT 1 TREE AND 5 SHRUBS PER EVERY 25' LINEAR FEET OF BUFFER. BUFFER IS REQUIRED TO BE 25' WIDE. 50% OF TREES SHALL BE EVERGREEN. UNIFIED DEVELOPMENT ORDINANCE SECTION 146-4.7.5.E
2. TWO LESS TREES PROVIDED IN 25'W TEMPORARY RIGHT-OF-WAY LANDS.

TREES

SYMBOL	KEY	QTY.	COMMON NAME	BOTANICAL NAME	SIZE	COND.
	CEO	16	WESTERN HACHBERRY	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	

QUANTITIES BASED ON PERCENTAGE OF TOTAL TREE REQUIREMENT

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	

QUANTITIES BASED ON PERCENTAGE OF TOTAL SHRUB REQUIREMENT

COA ID: 3S6528SE001
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 30" LONG ST. 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.



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*

INVICTA 3-65-28

SITE PLAN
GMT EXPLORATION COMPANY, LLC
N 1/2 SECTION 28, T3S, R65W, 6th P.M.

[illegible]

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN

SCALE: AS NOTED

DRAWN BY: C.D.C.

DATE DRAWN: 09-19-2024
PROJ NO: GMT01-23-0001

UELS FILE NO.:

G - 1 7 2 2

SHEET

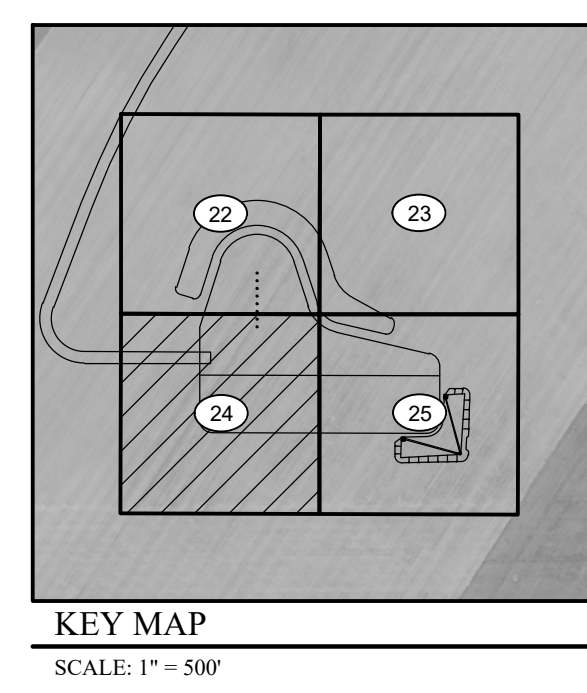
23



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ENGINEERING AND
LAND SURVEYING SERVICES

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- SINCE 1964 -



ONE-MILE IMPACT RADIUS

HALF-MILE IMPACT RADIUS

1,500 FT IMPACT RADIUS

1,000 FT IMPACT RADIUS

PROPOSED ACCESS ROAD 2,450' ±

PROPOSED LOCATION: INVICTA 3-65-28

MONAGHAN RD

E 38TH PKWY

E 26TH AVE

POWNALL RD

Schuh 3-65 21-20 3AH
Schuh 3-65 21-20 3BH
Schuh 3-65 21-20 4AH
Schuh 3-65 21-20 4BH

Bear 3-65 22-23 3AH
Bear 3-65 22-23 3BH
Bear 3-65 22-23 3CH
Bear 3-65 22-23 3DH

GWOM-1
GWOM-2
GWOM-3
GWOM-4
GWOM-5

~200W Multiple Pipeline Easement Corridor

King 3-65 28-29 3AH
King 3-65 28-29 3BH
King 3-65 28-29 3CH
King 3-65 28-29 3DH

Florida 3-65 27-26 3AH
Florida 3-65 27-26 3BH
Florida 3-65 27-26 3CH
Florida 3-65 27-26 3DH






Blue 3-65 32-33 1H

T3S

R 6S W

N

The image shows the logo for Gulfstream Exploration Company LLC, which consists of a green stylized leaf icon next to the text 'Gulfstream Exploration Company LLC'. Below the logo, the text 'EMERGENCY NUMBER' is followed by the phone number '866-868-3028'. To the right of the logo is a red rectangular warning sign with the word 'DANGER' in white at the top. Below 'DANGER' is the text 'NO TRESPASSING' and 'AUTHORIZED PERSONNEL ONLY' in black.




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 EDCM GIS 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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	WIDTH REQUIRED	WIDTH PROVIDED
	25 FEET	25 FEET

NOTES

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2. 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
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	JSW	16	'WICHITA BLUE' JUNIPER	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	6 FT HT	B&B
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	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.
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	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: 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' 33.65273" W (NAD 83)	
ELEV: 5584.96 (NAVD 88)	
*DO NOT USE FOR PAD LOCATION.	

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

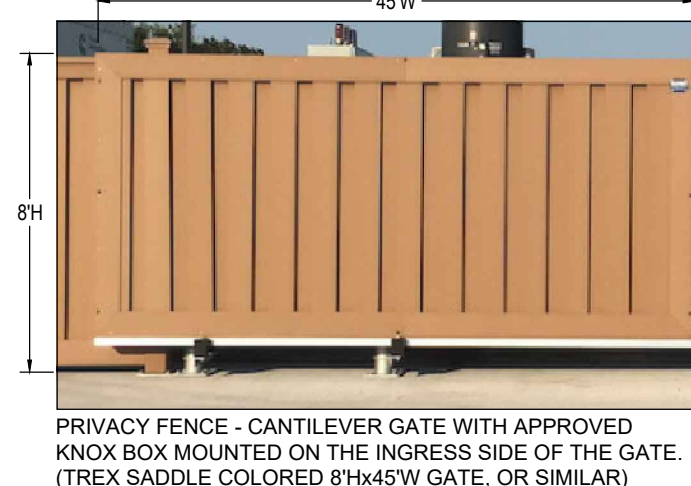
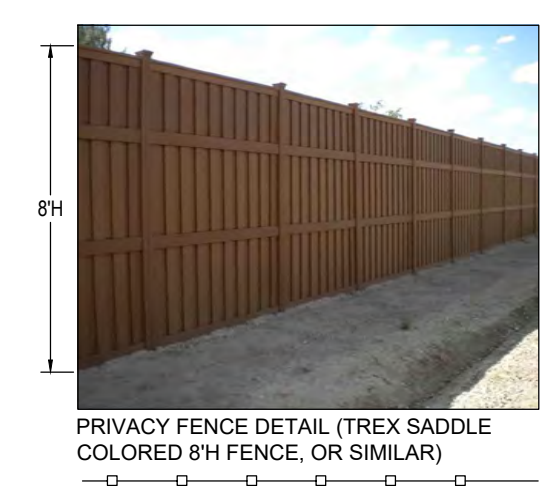
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RESPONSIBLE ENGINEER:
LANDSCAPING PLAN
SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
TOL NO: GMT01-23-0001
EELS FILE NO:
G 1 7 2 2
SHEET 24

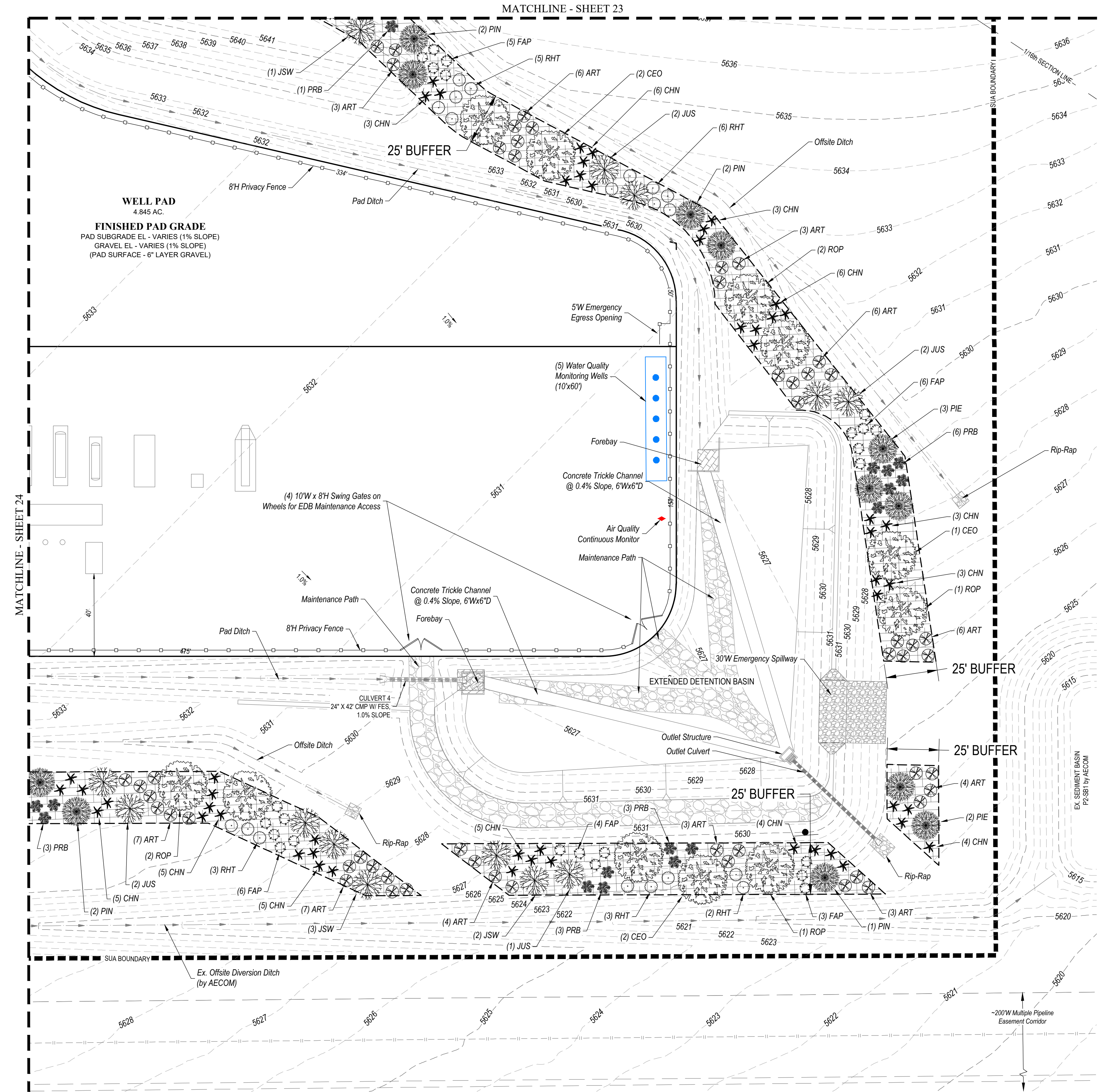
DISCLAIMER: THIS PLOT DOES NOT REPRESENT A MONUMENTED LAND SURVEY AND SHOULD NOT BE RELIED UPON TO DETERMINE BOUNDARY LINES, PROPERTY OWNERSHIP OR OTHER PROPERTY INTERESTS. PARCEL LINES, IF DEPICTED, HAVE NOT BEEN VERIFIED AND MAY BE BASED UPON PUBLICLY AVAILABLE DATA THAT ALSO HAS NOT BEEN INDEPENDENTLY 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 336639EN003 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 AECCM, EMAILED ON SEPTEMBER 14, 2023. SHOWN SURVEY BENCHMARK IS ASSUMED.

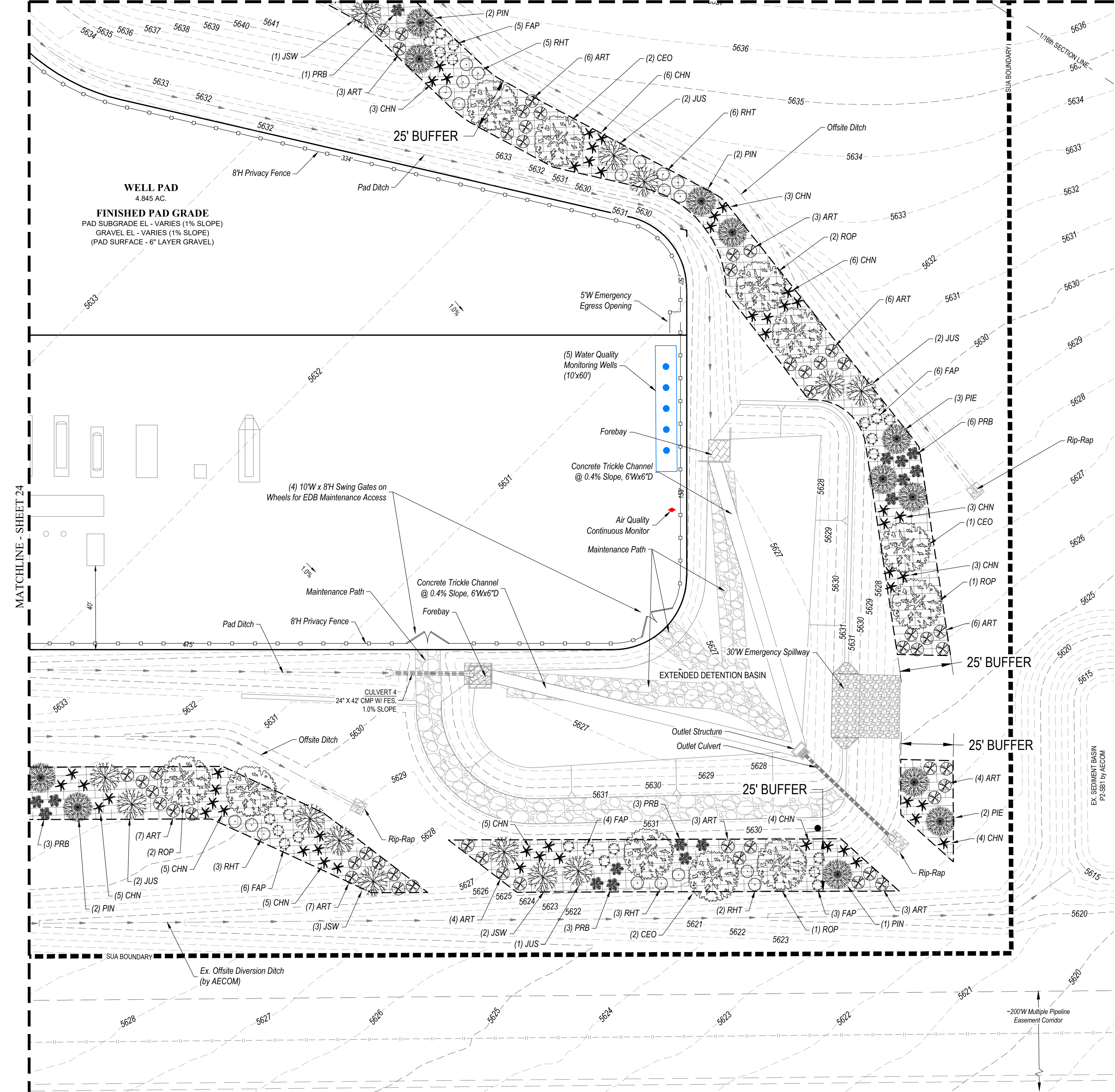


DATE: 10/20/2023 10:45 AM PROJECT: INVICTA 3-65-28 OIL & GAS PERMIT LANDSCAPE PLAN SHEET 24



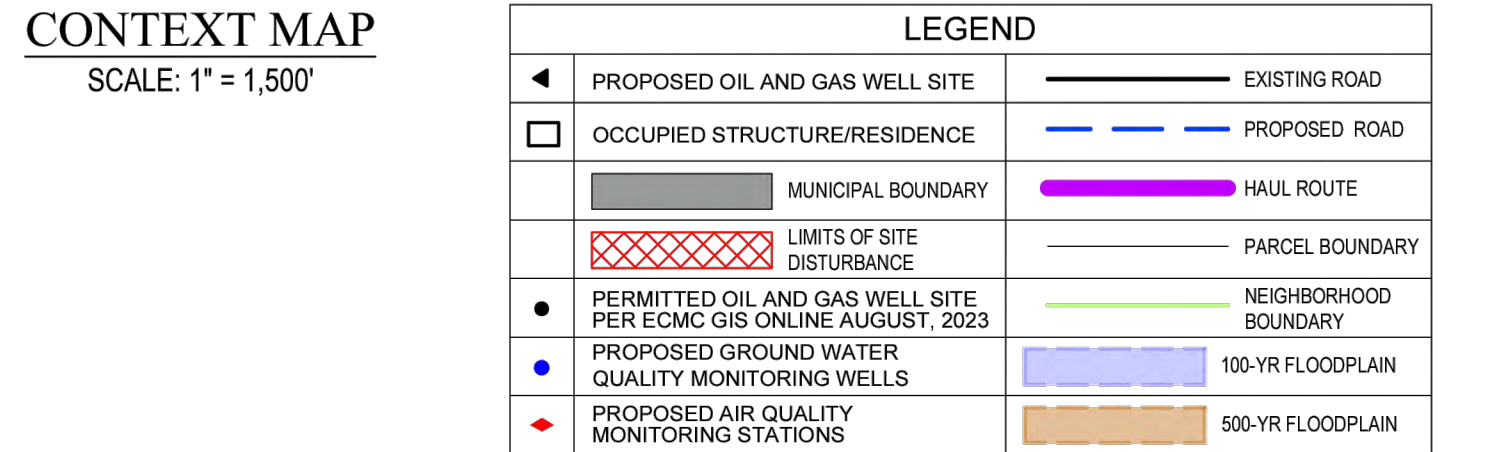
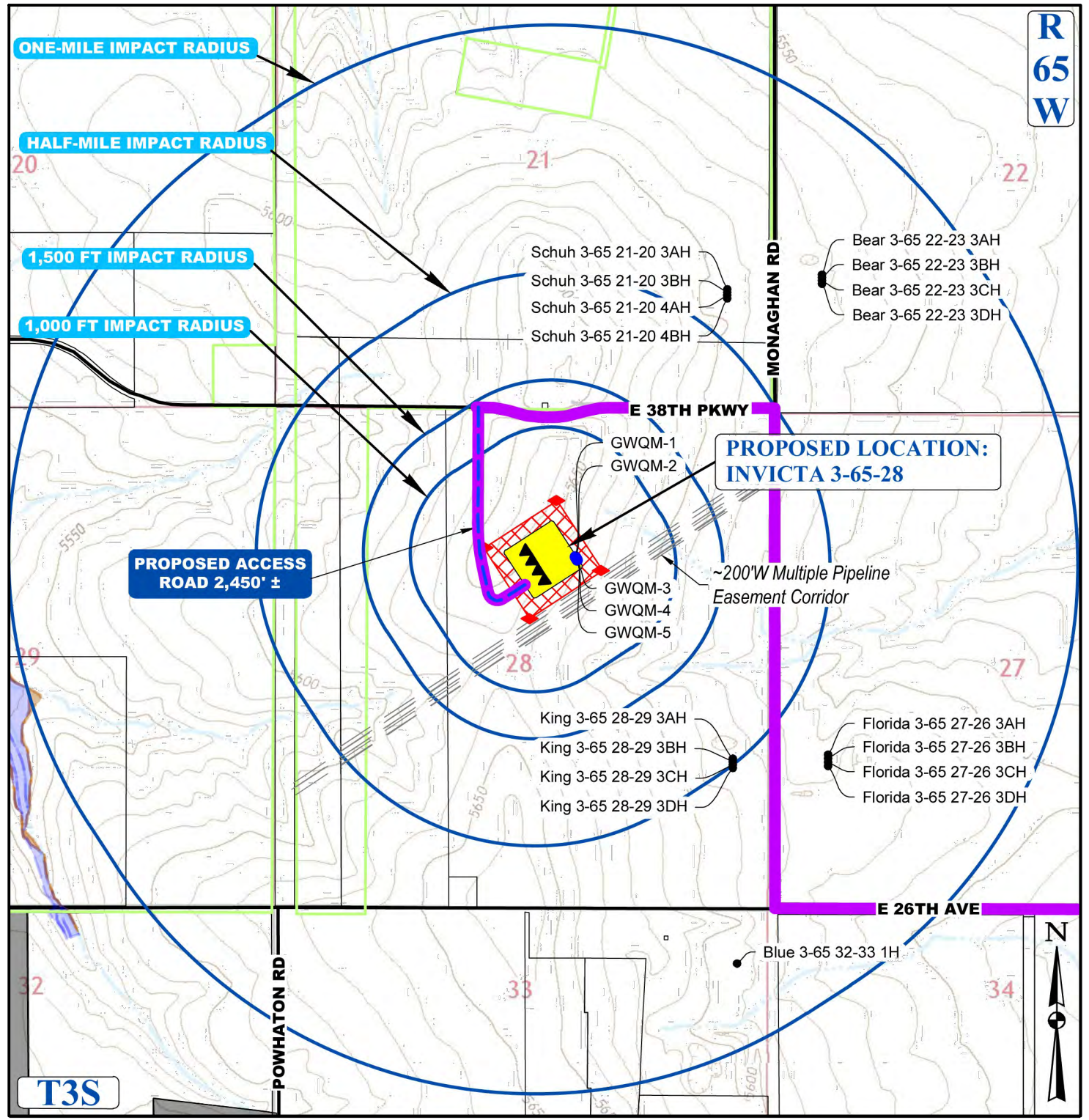
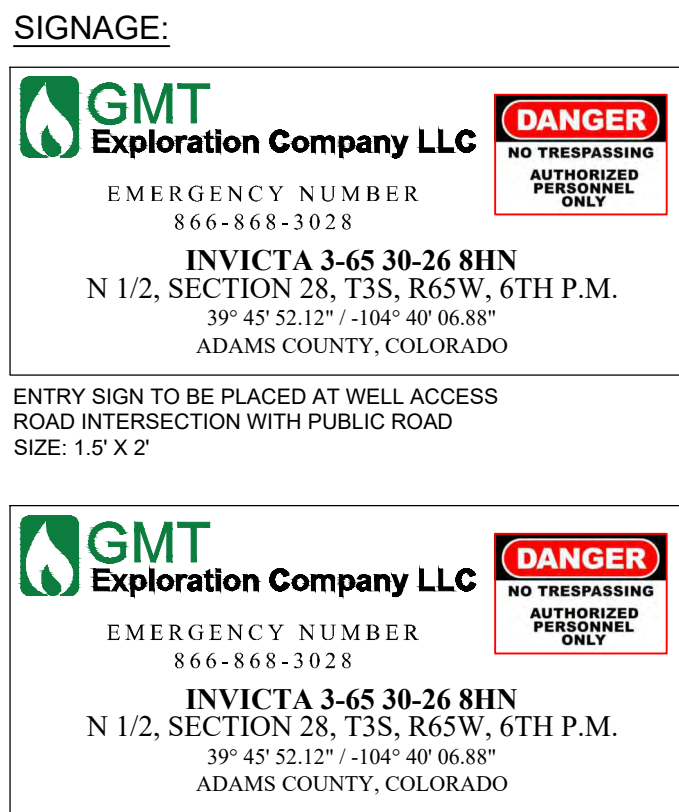
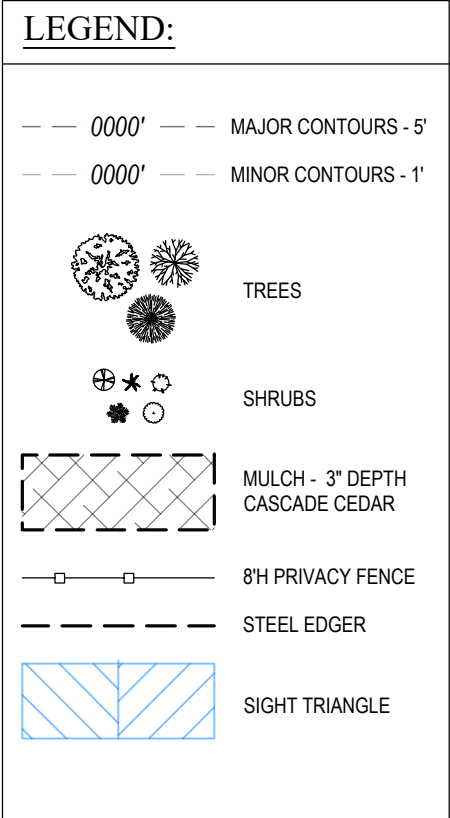
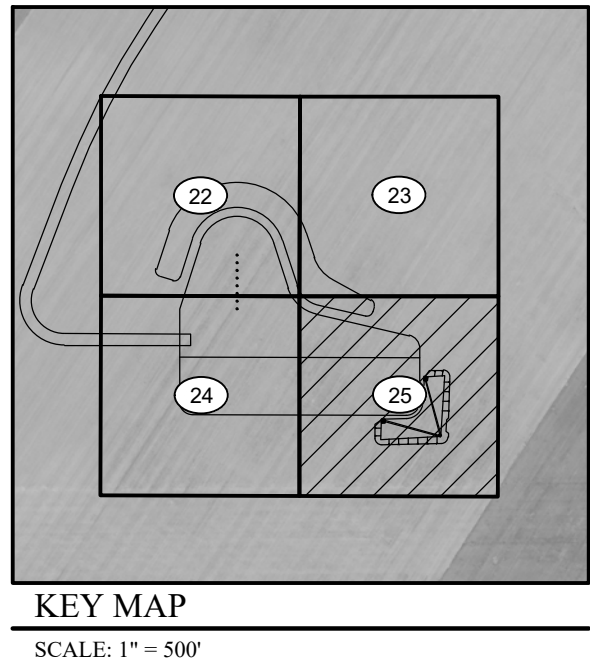
MATCHLINE - SHEET 24

MATCHLINE - SHEET 23



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LANDSCAPE BUFFER REQUIREMENT TABLE

LINEAR FEET OF BUFFER	TREES REQUIRED	TREES PROVIDED
1 TREE PER 25 LF OF BUFFER: 96 TREES	1 TREE PER 25 LF OF BUFFER: 96 TREES	94 TREES
SHRUBS REQUIRED	SHRUBS REQUIRED	SHRUBS PROVIDED
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WIDTH REQUIRED	WIDTH REQUIRED	WIDTH PROVIDED
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XERISCAPE PLANT LIST

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SURVEY BENCHMARK

COA ID: 356285E001
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 3" LONG STL. PIPE IN CONC. @ COR. OF E. 26TH AVE.
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ELEV: 5584.96' (NAVD 88)
DO NOT USE FOR PAD LOCATION.



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

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
- SINCE 1964 -

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

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
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

RESPONSIBLE ENGINEER:

LANDSCAPING PLAN

SCALE: AS NOTED
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
SHEETS FILE NO.:

G - 1 7 2 2

25

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

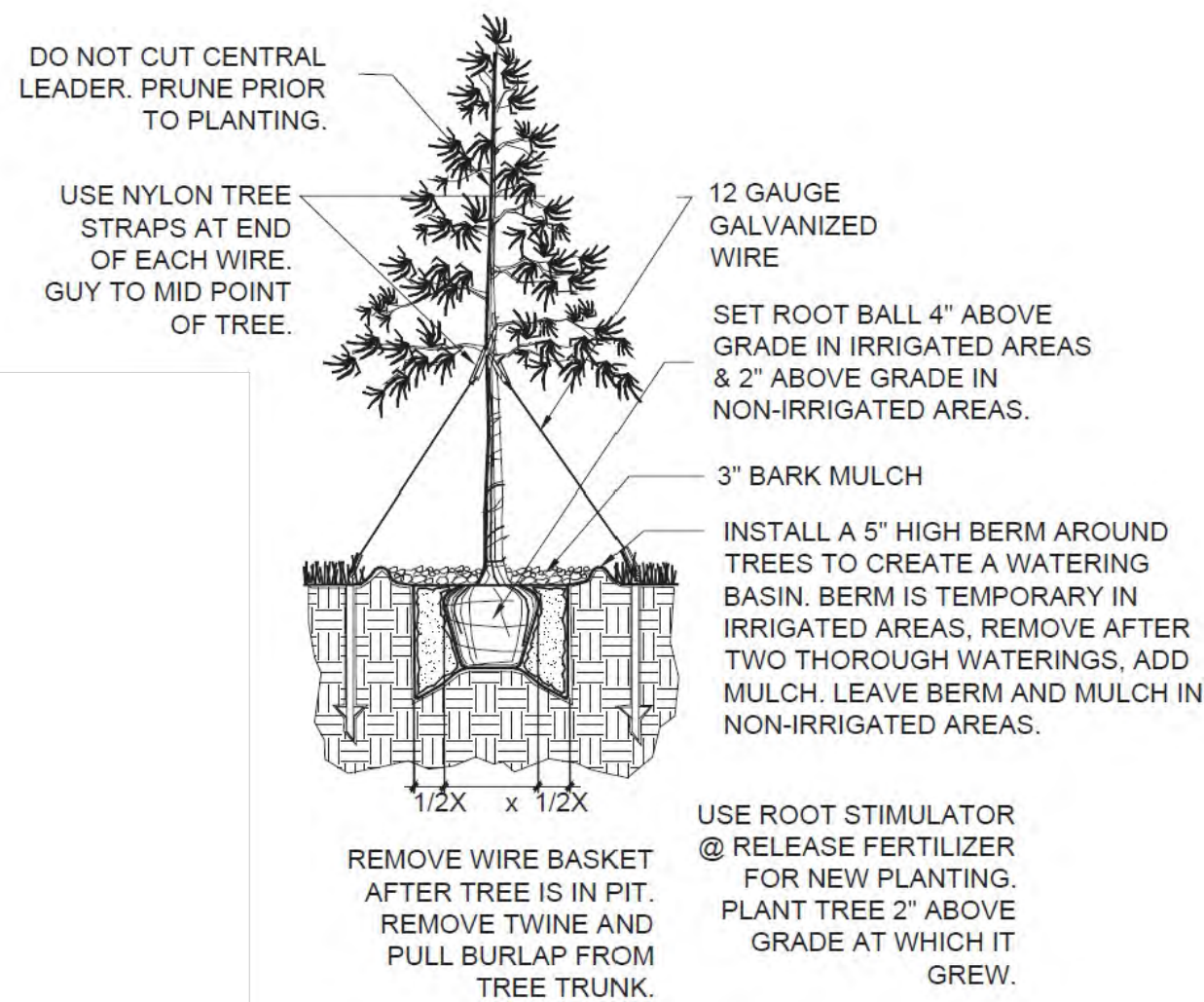


GENERAL NOTES:

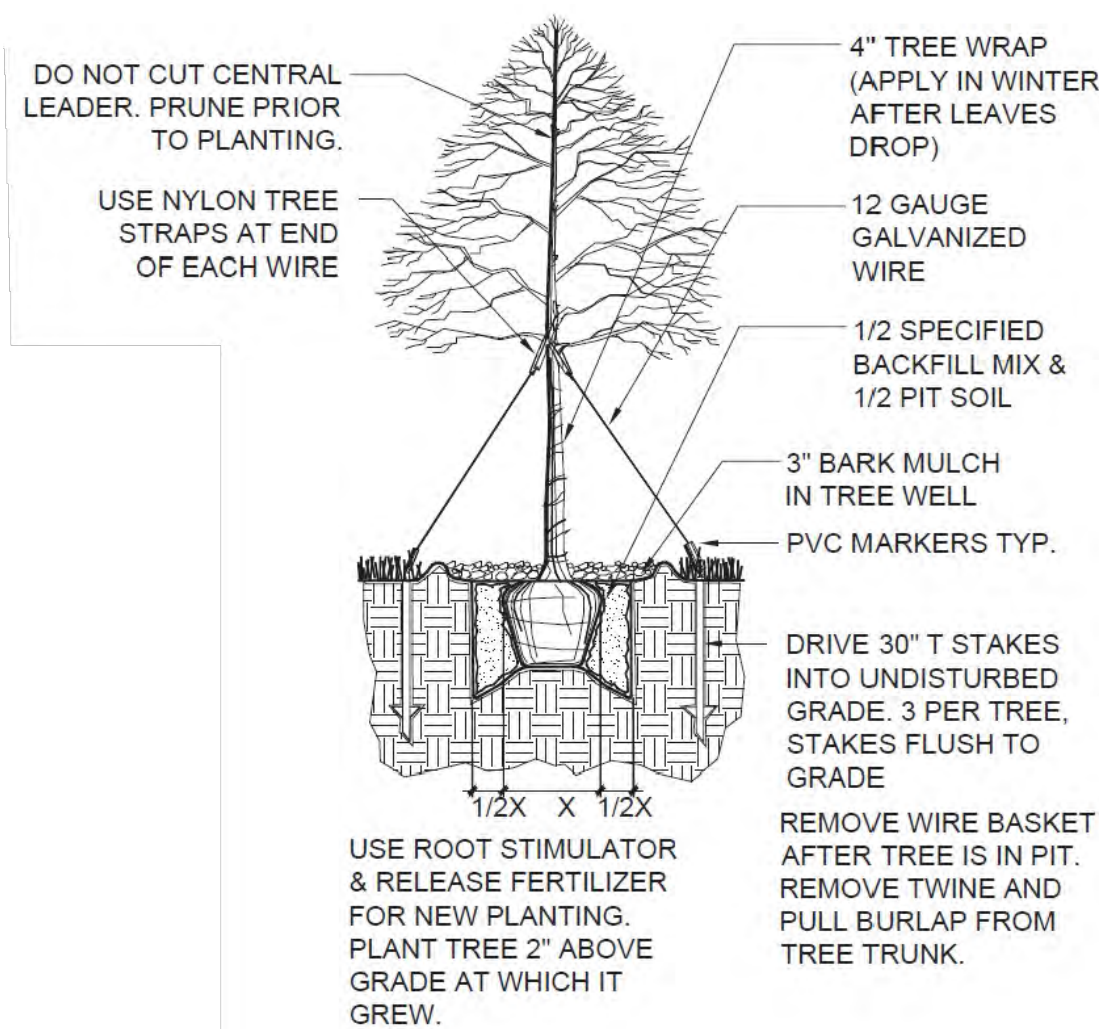
1. PURSUANT TO THE AURORA O&G MANUAL, THE OPERATOR SHALL IMPLEMENT THE LANDSCAPE PLAN IF ANY PART OF THE OIL AND GAS LOCATION IS LOCATED WITHIN 1,500' OF A PLATTED RESIDENTIAL LOT, ARTERIAL OR COLLECTOR STREET FRONTAGE, A PLATTED LOT LINE CONTAINING EITHER A BUILDING UNIT OR A HIGH OCCUPANCY BUILDING 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.
2. ALL WORK SHALL CONFORM TO FEDERAL, STATE AND LOCAL CODES. ALL WORK SHALL BE IN ACCORDANCE WITH OSHA CODES AND STANDARDS.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. MAINTAIN ANY STORM WATER MANAGEMENT FACILITIES THAT EXIST ON SITE FOR FULL FUNCTIONALITY.
5. ALL PROPOSED LANDSCAPING WITHIN THE SIGHT TRIANGLE SHALL BE IN COMPLIANCE WITH THE COA ROADWAY SPECIFICATIONS, SECTION 4.04.2.10.

PLANTING NOTES:

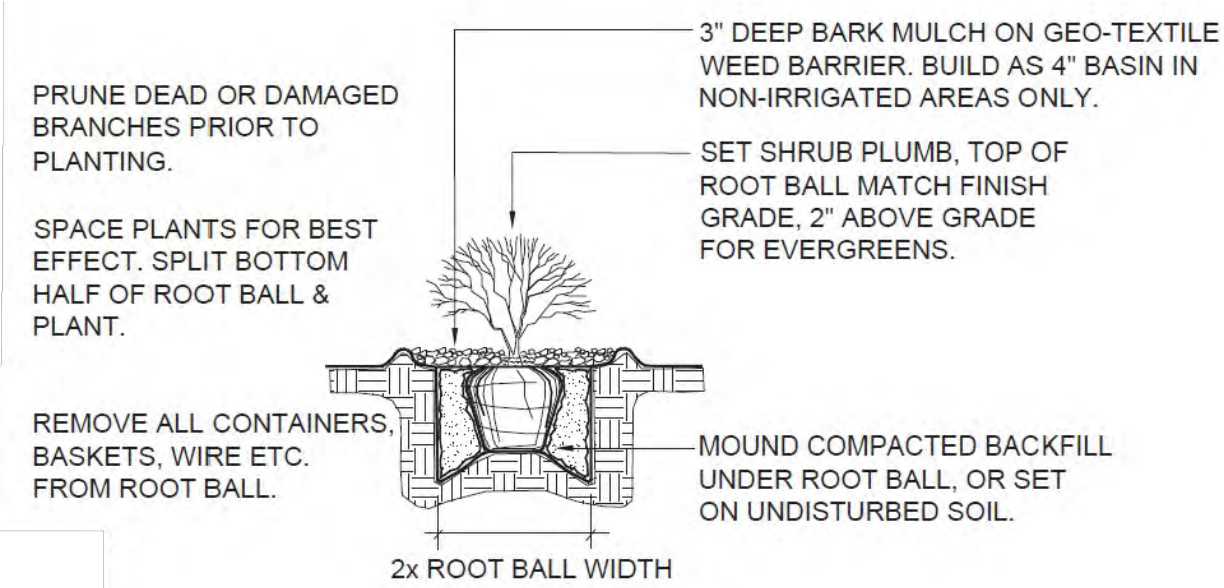
2. REFER TO IRRIGATION PLANS FOR LIMITS AND TYPES OF IRRIGATION DESIGNED FOR THE LANDSCAPE.
3. THE OWNER'S REPRESENTATIVE RESERVES THE RIGHT TO INSPECT AND TAG ALL PLANT MATERIAL PRIOR TO SHIPPING TO THE SITE. IN ALL CASES, THE OWNER'S REPRESENTATIVE MAY REJECT PLANT MATERIAL AT THE SITE IF MATERIAL 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.
4. 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.
5. 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.
6. GRAPHIC SYMBOLS ON LANDSCAPE DRAWINGS TAKES PRECEDENCE OVER WRITTEN PLANT QUANTITIES.
7. 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.
8. 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.
9. 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.
10. 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.
11. ALL PLANTING BEDS SHALL BE MULCHED WITH 3" DEPTH CASCADE CEDAR MULCH FOR SHRUBS, PERENNIALS, AND ORNAMENTAL GRASSES.
12. 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."
13. ALL PLANTS SHALL BE PLANTED USING AN EQUALLY SPACED TRIANGULAR PATTERN, UNLESS OTHERWISE NOTED AND/ OR SHOWN ON THE LANDSCAPE DRAWINGS.
14. 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.
15. 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.
16. 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.
17. ALL TREES ARE TO BE STAKED/GUYED FOR A PERIOD OF ONE YEAR PER THE DETAILS.
18. 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



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:

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

SURVEY BENCHMARK
COA ID: 35652850E01
DESCRIPTION: 3" DIAM. BRASS CAP (STAMPED COA BM, E-120A)
ATOP A 30' LONG ST. PIPE IN CONC. @ COR. OF E. 26TH AVE.
(PAVED) AND MONTAGHAN 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.



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

NOT FOR CONSTRUCTION

IRRIGATION PLAN ON
SEPARATE SUBMITTAL[illegible]

RESPONSIBLE ENGINEER

LANDSCAPING
NOTES & DETAILS

SCALE: NO SCALE
DRAWN BY: C.D.C.
DATE DRAWN: 09-19-2024
PROJ. NO: GMT01-23-0001
UELS FILE NO.:

SHEET

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