

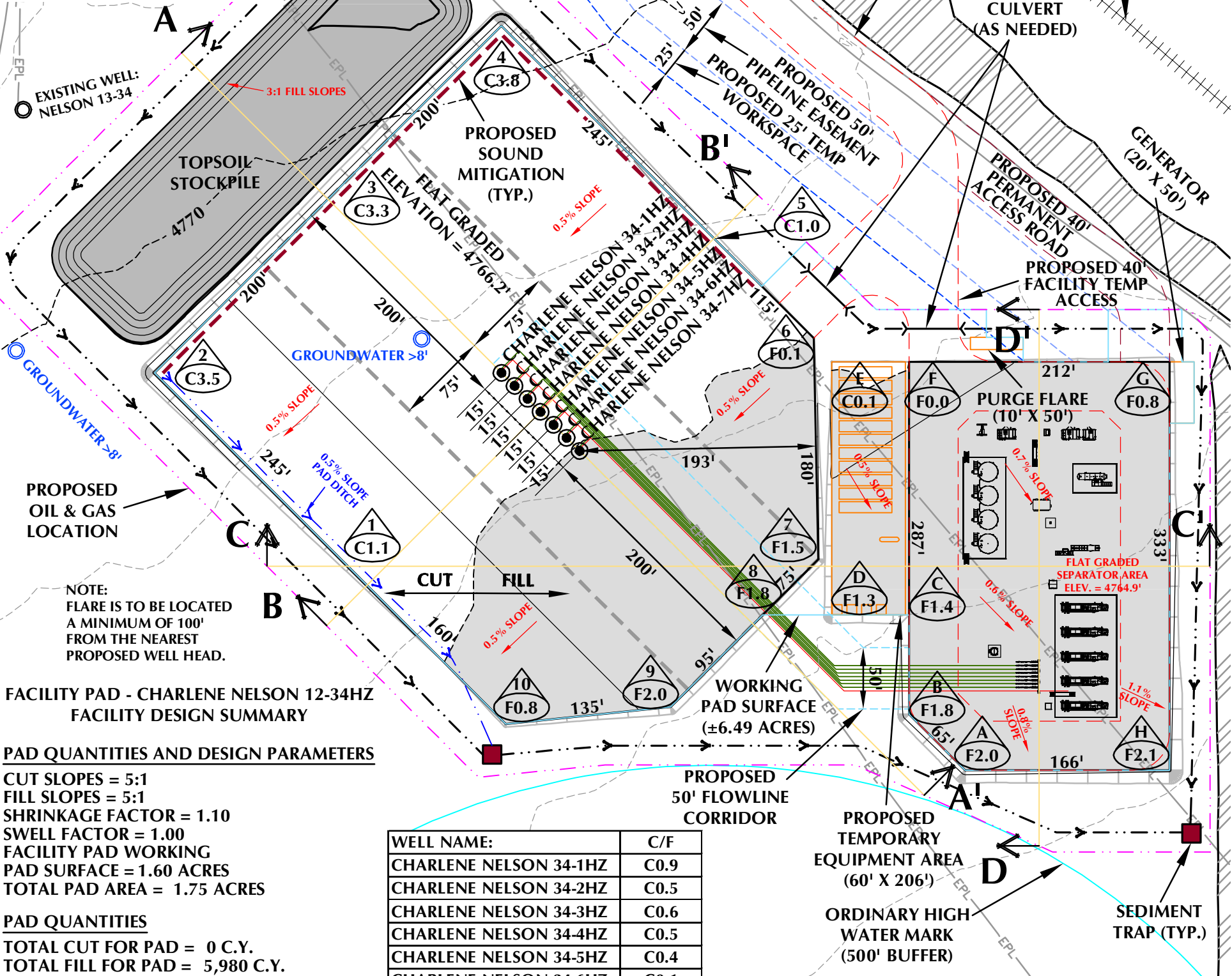
TEMPORARY EQUIPMENT PAD -
CHARLENE NELSON 12-34HZ
PAD DESIGN SUMMARY

PAD QUANTITIES AND DESIGN PARAMETERS

CUT SLOPES = 5:1
FILL SLOPES = 5:1
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00
GRADED PAD AREA = 0.28 ACRES
TOTAL PAD AREA = 0.31 ACRES

PAD QUANTITIES

TOTAL CUT FOR PAD = 0 C.Y.
TOTAL FILL FOR PAD = 841 C.Y.
TOPSOIL @ 10" DEPTH = 416 C.Y.
IMPORT MATERIAL = 841 C.Y.



FACILITY PAD - CHARLENE NELSON 12-34HZ
FACILITY DESIGN SUMMARY

PAD QUANTITIES AND DESIGN PARAMETERS

CUT SLOPES = 5:1
FILL SLOPES = 5:1
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00
FACILITY PAD WORKING
PAD SURFACE = 1.60 ACRES
TOTAL PAD AREA = 1.75 ACRES

PAD QUANTITIES

TOTAL CUT FOR PAD = 0 C.Y.
TOTAL FILL FOR PAD = 5,980 C.Y.
TOPSOIL @ 10" DEPTH = 2,351 C.Y.
IMPORT MATERIAL = 5,980 C.Y.

WELL NAME:	C/F
CHARLENE NELSON 34-1HZ	C0.9
CHARLENE NELSON 34-2HZ	C0.5
CHARLENE NELSON 34-3HZ	C0.6
CHARLENE NELSON 34-4HZ	C0.5
CHARLENE NELSON 34-5HZ	C0.4
CHARLENE NELSON 34-6HZ	C0.1
CHARLENE NELSON 34-7HZ	F0.2

POINT NUMBER	EXISTING GRADE	FINISHED GRADE
A	4762.7	4764.7
B	4763.2	4765.0
C	4764.0	4765.4
D	4764.2	4765.5
E	4766.5	4766.4
F	4766.2	4766.2
G	4764.9	4765.7
H	4762.2	4764.3

- NOTE:
- PIPELINE AND UTILITY CORRIDORS ARE PLANNED AND DETERMINED BY THIRD PARTY COMPANIES. SPECIFIC PIPELINE AND UTILITY CORRIDOR LOCATIONS WILL BE DECIDED BY THOSE THIRD PARTY COMPANIES CLOSER TO THE START DATE OF OPERATIONS BASED ON CONTRACT AND RIGHT-OF-WAY NEGOTIATIONS.
 - EXISTING UTILITIES DISPLAYED ON THE GRADING PLAN ARE FOR REFERENCE PURPOSES ONLY. PRIOR TO CONSTRUCTION OR EARTHWORK, CONTRACTOR WILL BE RESPONSIBLE TO CALL FOR LOCATES: (800) 922-1987
 - DIVERSION DITCH AND/OR BERM TO BE CONSTRUCTED AROUND THE ENTIRE PAD LOCATION. BERM SECTIONS TO BE COMPACTED IN ACCORDANCE WITH STANDARD CONSTRUCTION PRACTICES.
 - CENTER OF WELL PAD REFERENCED BELOW CORRESPONDS TO THE SURFACE LOCATION OF THE CHARLENE NELSON 34-4HZ WELL.
 - FLAT GRADED AREA TO BE RECLAIMED DURING INTERIM RECLAMATION.

CHARLENE NELSON 12-34HZ CONSTRUCTION LAYOUT DRAWING - PLAN VIEW

WELL PAD QUANTITIES AND DESIGN PARAMETERS

EXISTING GRADE @ CENTER OF WELL PAD = 4766.7'
FINISHED GRADE ELEVATION = 4766.2'
CUT SLOPES = 3:1
FILL SLOPES = 3:1
SHRINKAGE FACTOR = 1.10
SWELL FACTOR = 1.00
WELL PAD WORKING PAD SURFACE = 4.21 ACRES
TOTAL WELL PAD AREA = 4.45 ACRES
PROPOSED OIL & GAS LOCATION = 10.47 ACRES

WELL PAD QUANTITIES

TOTAL CUT FOR WELL PAD = 4,601 C.Y.
TOTAL FILL FOR WELL PAD = 4,601 C.Y.
TOPSOIL @ 10" DEPTH = 5,979 C.Y.
IMPORT MATERIAL = 0 C.Y.

CHARLENE NELSON 12-34HZ

FACILITY REVISION: CNELSON-PP-2020 Rev F

CONSTRUCTION LAYOUT DRAWING - PLAN VIEW
CHARLENE NELSON 34-1HZ,
CHARLENE NELSON 34-2HZ, CHARLENE NELSON 34-3HZ,
CHARLENE NELSON 34-4HZ, CHARLENE NELSON 34-5HZ,
CHARLENE NELSON 34-6HZ & CHARLENE NELSON 34-7HZ
LOCATED IN SECTION 34, T5N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

**Kerr-McGee Oil &
Gas Onshore L.P.**
1099 18th Street
Denver, Colorado 80202



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SHERIDAN OFFICE
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CONSULTING, LLC

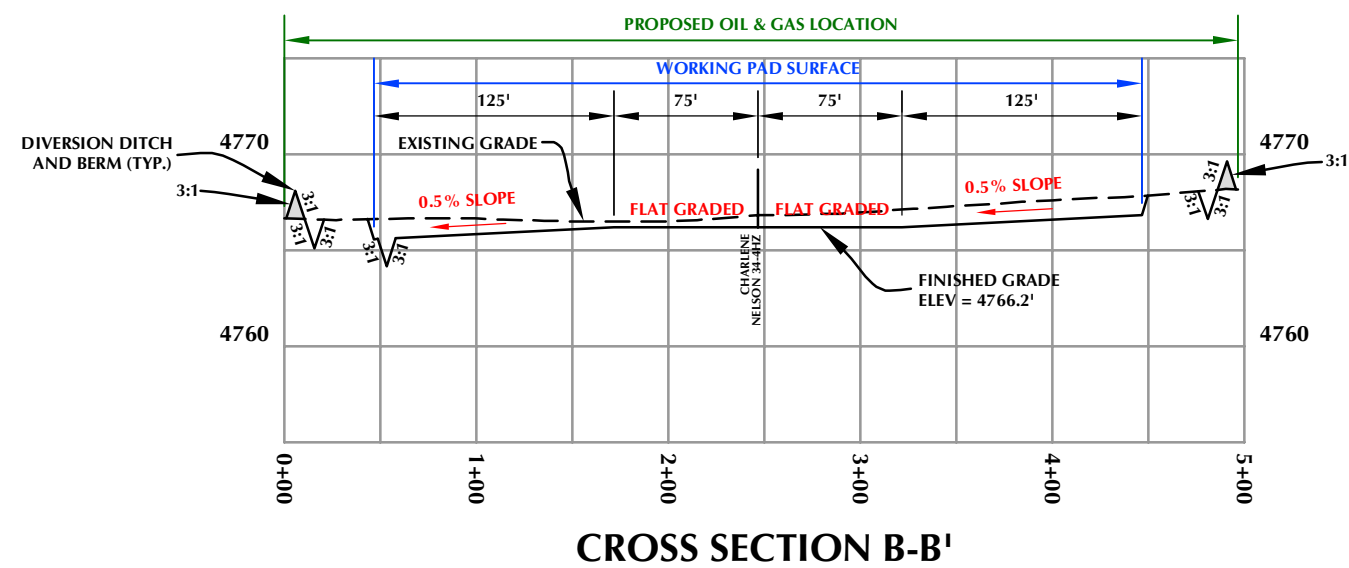
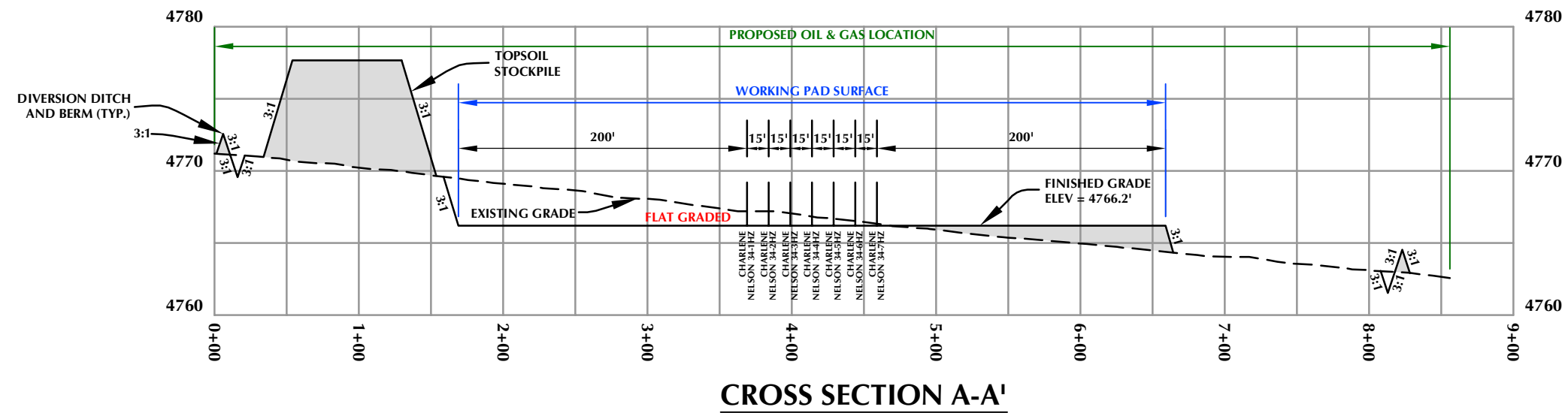
LEGEND

- EXISTING WELL LOCATION
- PROPOSED WELL LOCATION
- EXISTING CONTOURS (2' INTERVAL)
- PROPOSED CONTOURS (2' INTERVAL)
- EPL
- EXISTING PIPELINE
- PROPOSED PIPELINE
- EXISTING FENCE
- PROPOSED UNDERGROUND ELECTRIC LINE
- DIVERSION DITCH AND/OR BERM



HORIZONTAL 0 50' 100' 1" = 100'
2' CONTOURS

SCALE: 1"=100' DATE: 9/3/21 SHEET NO:
REVISED: HJL 11/16/21 1 1 OF 1



CHARLENE NELSON 12-34HZ

CHARLENE NELSON 34-1HZ,
CHARLENE NELSON 34-2HZ, CHARLENE NELSON 34-3HZ,
CHARLENE NELSON 34-4HZ, CHARLENE NELSON 34-5HZ,
CHARLENE NELSON 34-6HZ & CHARLENE NELSON 34-7HZ
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CONSTRUCTION LAYOUT DRAWING - CROSS SECTIONS

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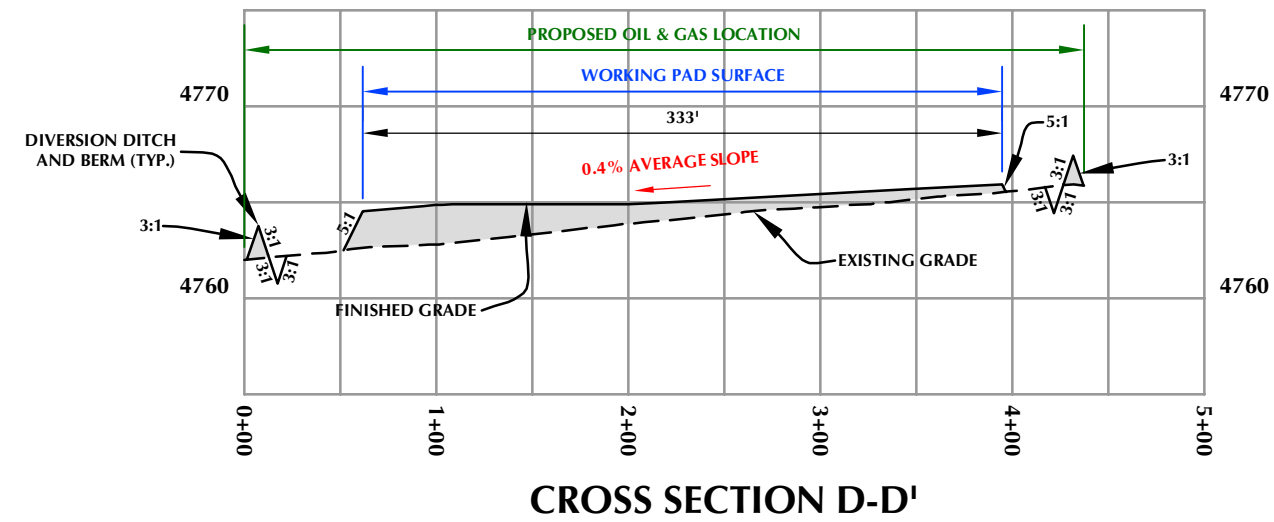
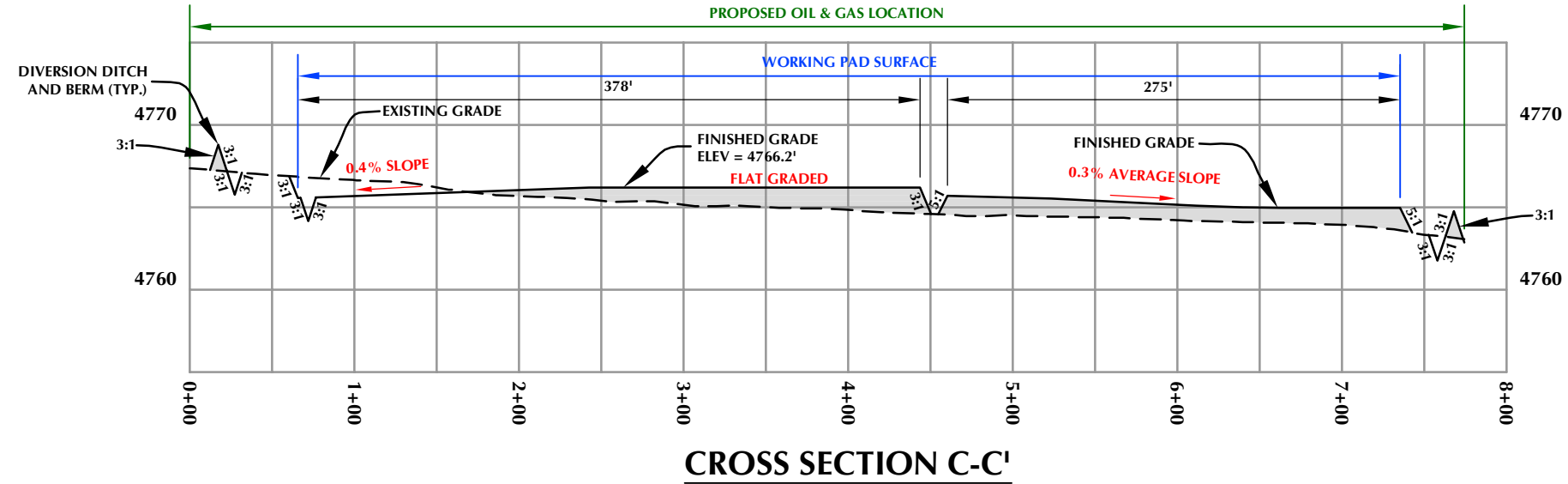
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HORIZONTAL 0 50' 100' 1" = 100'

VERTICAL 0 5' 10' 1" = 10'

SCALE: 1"=100'	DATE: 9/3/21	SHEET NO: 1 1 OF 2
HJL REVISED: 11/16/21		



CHARLENE NELSON 12-34HZ

CHARLENE NELSON 34-1HZ,
CHARLENE NELSON 34-2HZ, CHARLENE NELSON 34-3HZ,
CHARLENE NELSON 34-4HZ, CHARLENE NELSON 34-5HZ,
CHARLENE NELSON 34-6HZ & CHARLENE NELSON 34-7HZ
LOCATED IN SECTION 34, T5N, R67W, 6TH P.M.
WELD COUNTY, COLORADO

CONSTRUCTION LAYOUT DRAWING - CROSS SECTIONS

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VERTICAL 0 5' 10' 1" = 10'

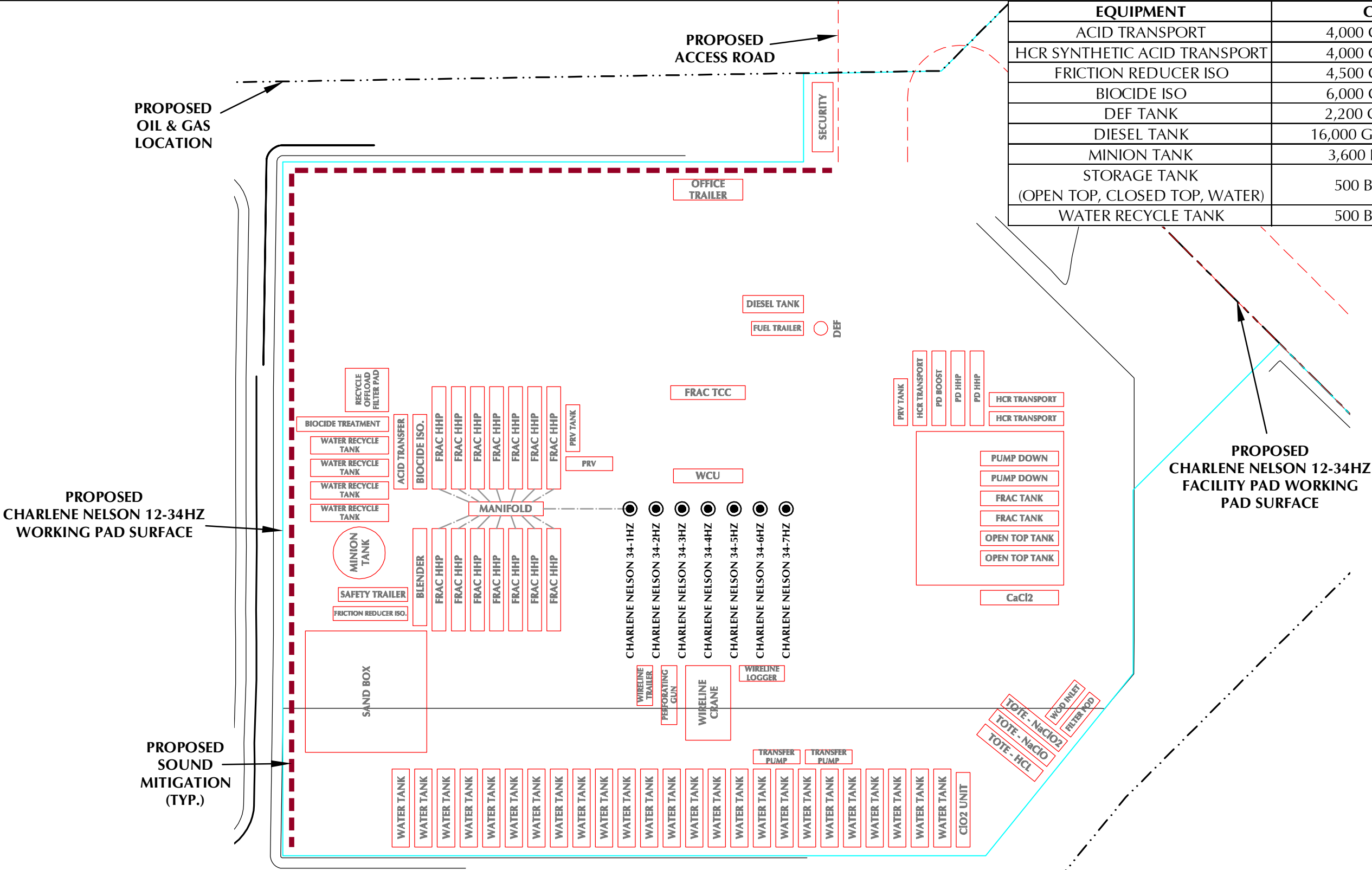
SCALE: 1"=100'	DATE: 9/3/21	SHEET NO: 2 2 OF 2
HJL REVISED: 11/16/21		

PRELIMINARY WELL COMPLETION AND STIMULATION LAYOUT DRAWING

CHARLENE NELSON 12-34HZ

SW1/4 SECTION 34, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M.

EQUIPMENT	CAPACITY
ACID TRANSPORT	4,000 GAL CAPACITY
HCR SYNTHETIC ACID TRANSPORT	4,000 GAL CAPACITY
FRICTION REDUCER ISO	4,500 GAL CAPACITY
BIOCIDE ISO	6,000 GAL CAPACITY
DEF TANK	2,200 GAL DEF TANK
DIESEL TANK	16,000 GAL DIESEL TANK
MINION TANK	3,600 BBL CAPACITY
STORAGE TANK (OPEN TOP, CLOSED TOP, WATER)	500 BBL CAPACITY
WATER RECYCLE TANK	500 BBL CAPACITY



- LEGEND
- PROPOSED WELL
 - EXISTING WELL
 - PROPOSED OIL & GAS LOCATION
 - PROPOSED WORKING PAD SURFACE
 - PROPOSED 2' CONTOUR

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DATE SURVEYED:	7/14/21
DATE:	9/3/21
DRAFTER:	GLK
REVISED:	11/16/21

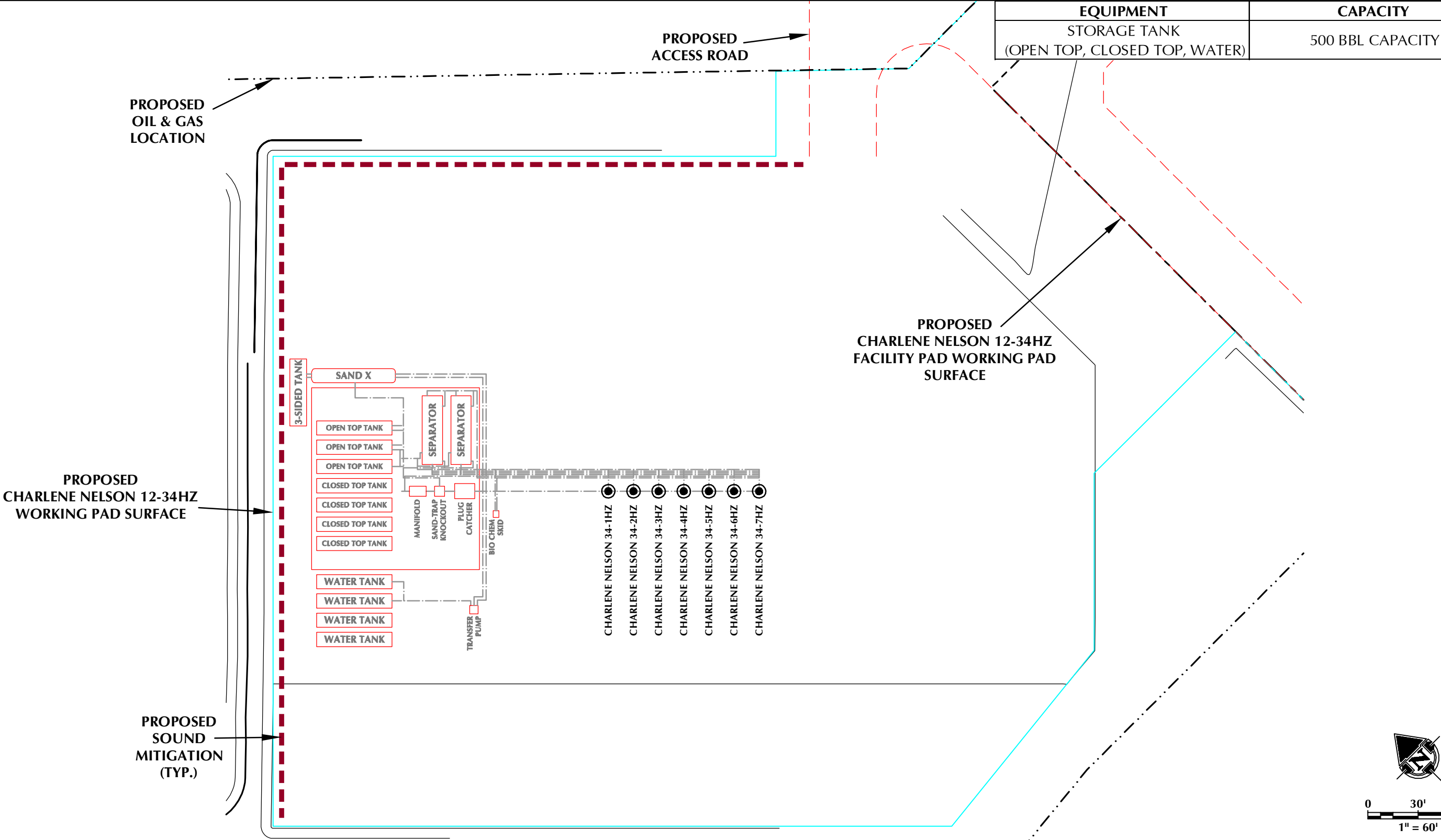
NOTES:

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PRELIMINARY FLOWBACK EQUIPMENT LAYOUT DRAWING

CHARLENE NELSON 12-34HZ

SW1/4 SECTION 34, TOWNSHIP 5 NORTH, RANGE 67 WEST, 6TH P.M.



- LEGEND**
- PROPOSED WELL
 - EXISTING WELL
 - PROPOSED OIL & GAS LOCATION
 - PROPOSED WORKING PAD SURFACE
 - PROPOSED 2' CONTOUR
 - PROPOSED PIPELINE

609

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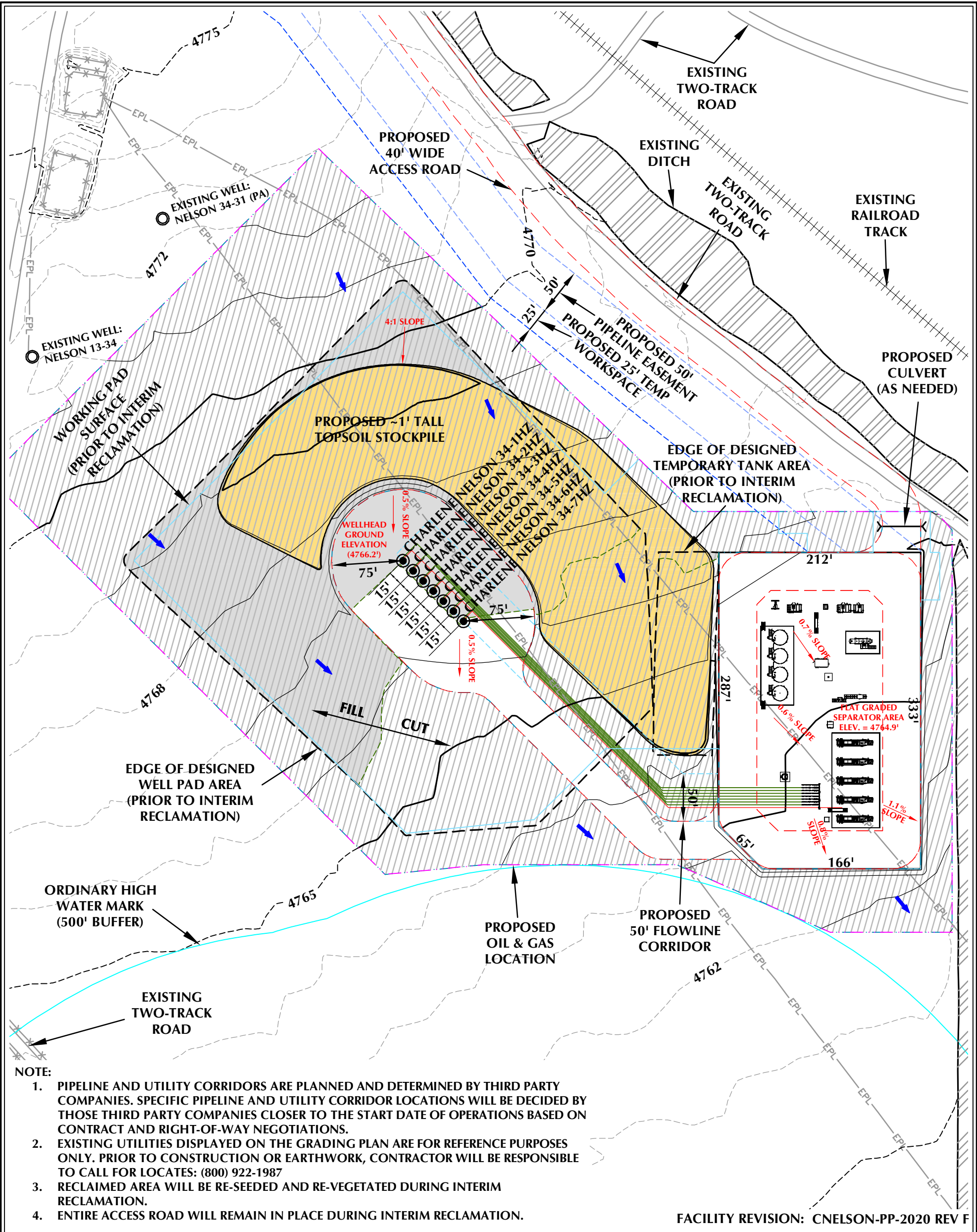
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1099 18th Street
Denver, Colorado 80202

DATE SURVEYED: 7/14/21
DATE: 9/3/21
DRAFTER: GLK
REVISED: 11/16/21

NOTES:
-WELLHEADS WILL REMAIN PERMANENTLY AFTER FLOWBACK IS COMPLETE.
ALL OTHER EQUIPMENT DISPLAYED IS TEMPORARY AND WILL BE REMOVED
FOLLOWING FLOWBACK OPERATIONS.

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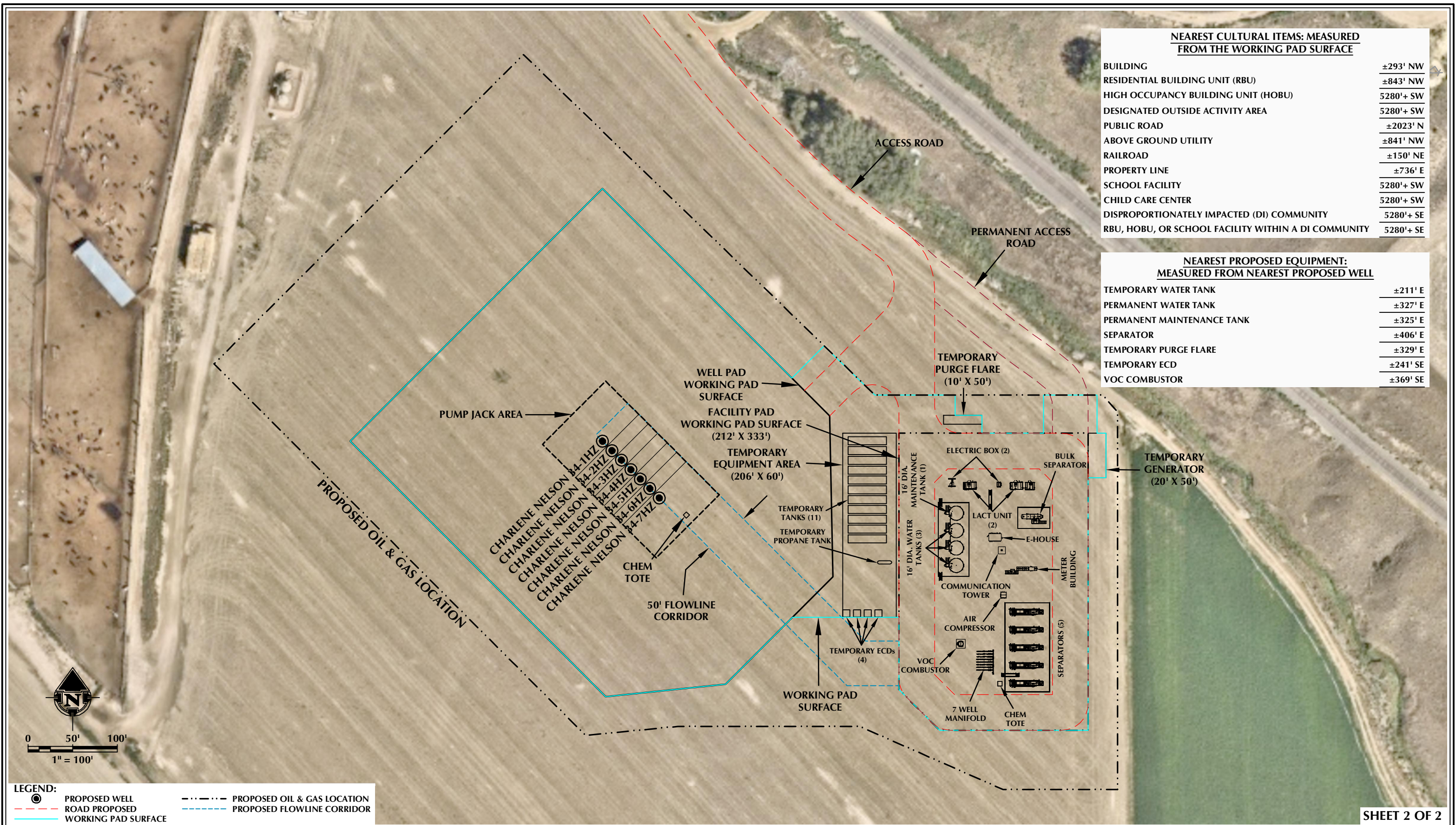


CHARLENE NELSON 12-34HZ FACILITY LAYOUT DRAWING

<p>QUANTITIES AND DESIGN PARAMETERS</p> <p>SHRINKAGE FACTOR = 1.00 SWELL FACTOR = 1.00 PROPOSED OIL & GAS LOCATION = 10.47 ACRES ROUGHENING AND SEEDING/MULCHED AREA = 7.81 ACRES TOTAL WELL PAD AREA AFTER INTERIM RECLAMATION = 1.06 ACRES TOTAL FACILITY PAD AREA AFTER INTERIM RECLAMATION = 1.60 ACRES</p>		<p>WELL PAD QUANTITIES</p> <p>TOTAL CUT = 2,160 C.Y. TOTAL FILL = 2,160 C.Y. TOPSOIL @ 8" DEPTH FROM WELL PAD = 5,979 C.Y. TOPSOIL @ 8" DEPTH FROM FACILITY/TEMP TANK PAD = 2,767 C.Y. TOTAL TOPSOIL = 8,746 C.Y. TOPSOIL USED FOR INTERIM REC = 5,379 C.Y. TOPSOIL STORED FOR FINAL REC = 3,367 C.Y.</p>		<p>LEGEND</p> <p>EXISTING WELL LOCATION PROPOSED WELL LOCATION EXISTING CONTOURS (1' INTERVAL) PROPOSED CONTOURS (1' INTERVAL) EPL EXISTING PIPELINE PROPOSED FLOWLINE EXISTING FENCE RECLAMATION AREA PLANNED FLOW DIRECTION</p> <p>609</p> <p>LOVELAND OFFICE 6706 North Franklin Avenue Loveland, Colorado 80538 Phone 970-776-4331</p> <p>SHERIDAN OFFICE 1095 Saberton Avenue Sheridan, Wyoming 82801 Phone 307-674-0609</p> <p>CONSULTING, LLC</p>	
<p>CHARLENE NELSON 12-34HZ</p> <p>FACILITY LAYOUT DRAWING CHARLENE NELSON 34-1HZ, CHARLENE NELSON 34-2HZ, CHARLENE NELSON 34-3HZ, CHARLENE NELSON 34-4HZ, CHARLENE NELSON 34-5HZ, CHARLENE NELSON 34-6HZ & CHARLENE NELSON 34-7HZ LOCATED IN SECTION 34, T5N, R67W, 6TH P.M. WELD COUNTY, COLORADO</p>		<p>Kerr-McGee Oil & Gas Onshore L.P.</p> <p>1099 18th Street Denver, Colorado 80202</p>		<p>HORIZONTAL 0 50' 100' 1" = 100'</p> <p>1' CONTOURS</p> <p>SCALE: 1"=100' DATE: 9/3/21 SHEET NO: 1 OF 2</p> <p>REVISED: SRS 11/16/21</p>	

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NEAREST CULTURAL ITEMS: MEASURED FROM THE WORKING PAD SURFACE	
BUILDING	±293' NW
RESIDENTIAL BUILDING UNIT (RBU)	±843' NW
HIGH OCCUPANCY BUILDING UNIT (HOBu)	5280'+ SW
DESIGNATED OUTSIDE ACTIVITY AREA	5280'+ SW
PUBLIC ROAD	±2023' N
ABOVE GROUND UTILITY	±841' NW
RAILROAD	±150' NE
PROPERTY LINE	±736' E
SCHOOL FACILITY	5280'+ SW
CHILD CARE CENTER	5280'+ SW
DISPROPORTIONATELY IMPACTED (DI) COMMUNITY	5280'+ SE
RBU, HOBu, OR SCHOOL FACILITY WITHIN A DI COMMUNITY	5280'+ SE

NEAREST PROPOSED EQUIPMENT: MEASURED FROM NEAREST PROPOSED WELL	
TEMPORARY WATER TANK	±211' E
PERMANENT WATER TANK	±327' E
PERMANENT MAINTENANCE TANK	±325' E
SEPARATOR	±406' E
TEMPORARY PURGE FLARE	±329' E
TEMPORARY ECD	±241' SE
VOC COMBUSTOR	±369' SE

LEGEND:	
	PROPOSED WELL
	ROAD PROPOSED
	WORKING PAD SURFACE
	PROPOSED OIL & GAS LOCATION
	PROPOSED FLOWLINE CORRIDOR

NOTES:
1. EQUIPMENT PLACEMENT IS APPROXIMATE AND SUBJECT TO MINOR MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.
2. FLOWLINE CORRIDOR IS APPROXIMATE AND SUBJECT TO MINOR MODIFICATION DUE TO SPECIFIC CIRCUMSTANCES.

FACILITY COORDINATES:
LAT: 40.352962° LONG: -104.883234° (NAD83)

DATA SOURCES:
- AERIAL COURTESY OF NEARMAP.



609
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FACILITY LAYOUT DRAWING
CHARLENE NELSON 12-34HZ
LOCATED IN SECTION 34, T5N, R67W, 6TH P.M.
WELD COUNTY, COLORADO