

PLAN SHOWING AS-BUILT SURVEY OF WELL SITE AND ACCESS ROAD

**DRAGOS GOLDCK 7-25-69-6**

IN THEORETICAL

**L.S.7 SEC.25 TWP.69 RGE.6 W.6 M.**

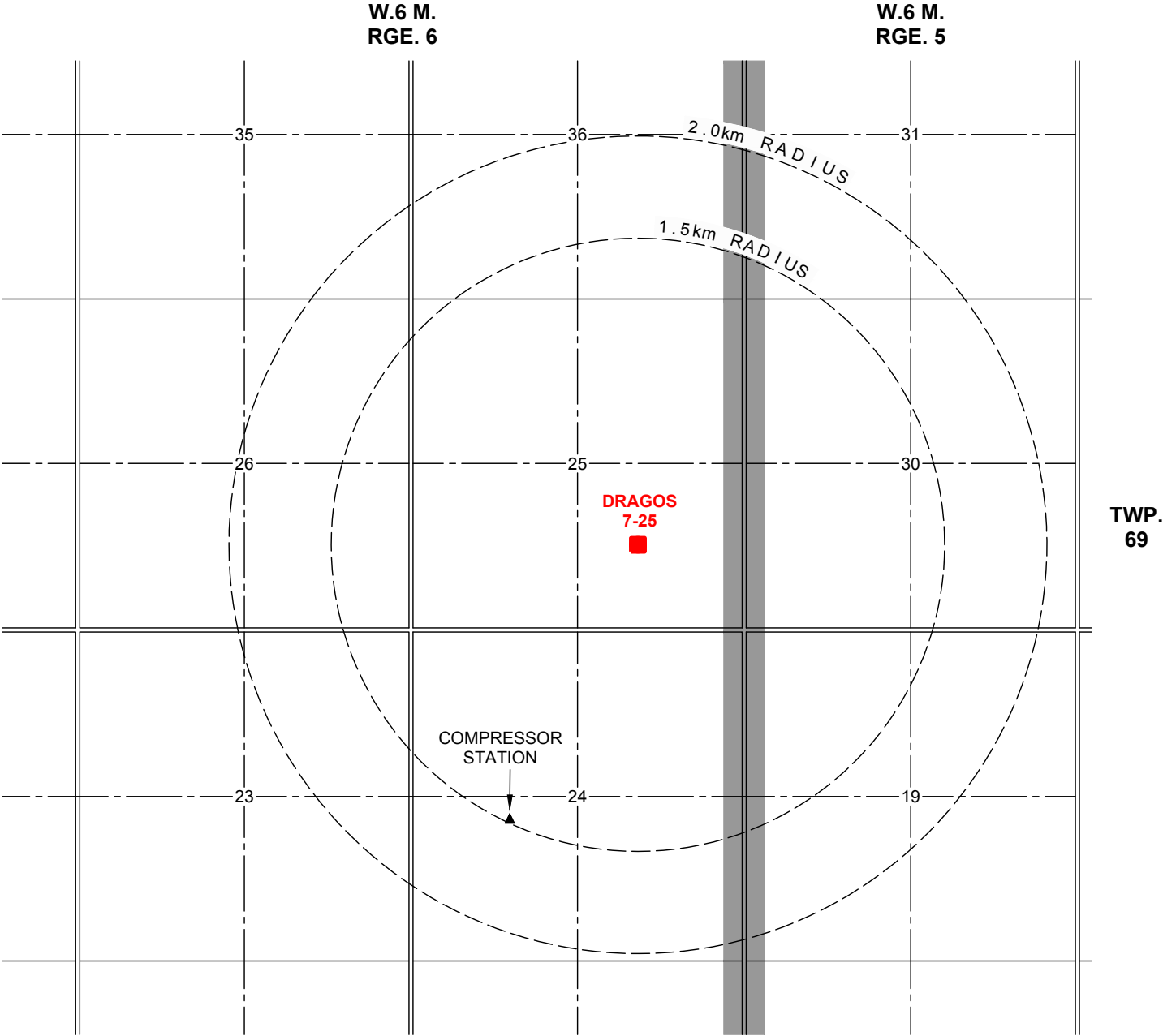
M.D. OF GREENVIEW NO. 16

AREAS				CROSSINGS					
	1/4	HECTARES	ACRES	XING	LEGAL	DESCRIPTION	OWNER	LINE NO.	LIC. NO.
EXISTING WELL SITE		1.210	2.99	1X	SE 25	BURIED PIPE	DRAGOS	2	59585
EXISTING ACCESS ROAD		0.839	2.07	2X	SE 25	BURIED PIPE	CNRL	2	39047
TOTAL		2.049	5.06						
ACCESS ROAD									
WIDTH (m)	LENGTH (m)		AREA (ha)						
20.00	418		0.839 ha (2.07 ac)						
LAND STATUS REPORT									
DATED: 2018.06.11									
DISPOSITIONS				GEO-REFERENCING					
S.W. 1/4 SEC.25 TWP.69 RGE.6 W.6 M.				<div>Geo-Referenced Point (RP) is shown thus: .....RP</div> <div>The Geo-Referenced point is a Fd.I.Mp. (PLAN 942 2011)</div> <div>Bearings are assumed from PLAN 942 2011</div> <div>and the corresponding grid bearing is 25°46'20"</div> <div>Distances shown are ground and in metres</div> <div>Use a combined scale factor of 0.999654 to obtain grid distances</div> <div>NAD 83 (CSRS), UTM Zone 11 C.M. 117°</div> <div>6 096 019.47 N } Derived by PPP (Natural Resources Canada Precise Point Positioning)</div> <div>386 125.41 E }</div>					
CNT: 090024	GRANDE PRAIRIE OFFICE - FORESTRY DEPT.								
TFA: 165604	DOUGLAS LEFEBVRE								
TPA: 2378	PHILIP J THETRAULT								
CNT: 020031	GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT LANDS DIVISION DEPT.								
GRL: 39931	WILLIAM TYLER SMITH & DOUGLAS LEFEBVRE								
PNT: 840195	GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT LANDS DIVISION DEPT.								
TFA: 173910	INCEPTION EXPLORATION LTD. (EXPIRED)								
DISPOSITIONS				ABBREVIATIONS					
S.E. 1/4 SEC.25 TWP.69 RGE.6 W.6 M.				<div>ac..... Acre</div> <div>N..... North</div> <div>calc..... Calculated</div> <div>Pit ..... 4 Pits</div> <div>ck.m..... Check Measured</div> <div>P/L..... Pipeline</div> <div>c.s..... Countersunk</div> <div>Pl..... Placed</div> <div>E..... East</div> <div>RGE..... Range</div> <div>Fd..... Found</div> <div>RP..... Geo-Referenced Point</div> <div>GNSS..... Global Navigation</div> <div>R/W..... Right-of-way</div> <div>Satellite System</div> <div>Ref..... Reference</div> <div>ha..... Hectare</div> <div>SEC..... Section</div> <div>l..... Iron Post</div> <div>S..... South</div> <div>M..... Mound Or Meridian</div> <div>TWP..... Township</div> <div>Mk..... Mark</div> <div>T..... Trench</div> <div>Mp..... Marker Post</div> <div>W..... West</div>					
CNT: 090024	GRANDE PRAIRIE OFFICE - FORESTRY DEPT.								
TFA: 165604	DOUGLAS LEFEBVRE								
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CNT: 020031	GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT LANDS DIVISION DEPT.								
GRL: 39931	WILLIAM TYLER SMITH & DOUGLAS LEFEBVRE								
PNT: 840076	GRANDE PRAIRIE OFFICE - RANGELAND DISTRICT LANDS DIVISION DEPT.								
TFA: 183460	INCEPTION EXPLORATION LTD.								
AER LICENCING				LEGEND					
<div>The proposed well:</div> <div>Is at least 5.0km from a lighted airstrip/aerodrome. ....</div> <div>Is at least 1.6 km of an unlighted airstrip/aerodrome. ....</div> <div>Is at least 100m from any surface improvements. ....</div> <div>(W/S FACILITIES)</div> <div>Is at least 40m from any surveyed road. ....</div> <div>Is at least 100m from any water body. ....</div> <div>(LOW AREA)</div> <div>Is at least 1.5km from the nearest surface development. ....</div> <div>(COMPRESSOR STATION)</div> <div>Is at least 1.5km from the corporate limits of an urban centre. ....</div> <div>Is at least 200m from any water well. ....</div> <div>Is located outside any potential coal development area. ....</div>				Survey evidence found shown thus: ..... ●					
				Statutory Iron posts planted shown thus: ..... ○					
				Temporary points: ..... ⊠					
				Survey marks (spikes) planted shown thus: ..... △					
				Survey marks (spikes) found shown thus: ..... ▲					
				Buried pipe shown thus: ..... — — — — —					
				Buried gas co-op pipe shown thus: ..... — — — — —					
				Buried Telus cable shown thus: ..... — T — T —					
Overhead power line shown thus: ..... — P — P —									
Power pole shown thus: ..... ● P.P.									
Buried power cable shown thus: ..... — C — C —									
Centreline road shown thus: ..... — — — — —									
Tree line shown thus: ..... 									
Portions referred to shown thus: ..... 									
Existing well locations shown thus: ..... 									
Distances are in metres.									
OPERATOR				REVISION TABLE					
				REV	DATE	DESCRIPTION	DRN	CHK	
				0	2006.06.21	ISSUED (by VISTA GEOMATICS)	.	.	
				1	2018.05.09	AS-BUILT & PLAN UPDATE	AT	NB	
				2	2018.06.13	ADDED CROSSING TABLE AND UPDATED PLAN	CC/BN	DG	
 ALBERTA BRITISH COLUMBIA MANITOBA SASKATCHEWAN				AFE NO.: .		PROJECT NO.: .			
				FILE NO.: .		PCS: 2018008785			
				CALTECH JOB NO.: 118-1375		REF. JOB NO.: -			
				118-1375W01-R2.DWG		PC: CD		PAGE 1 OF 5	REVISION

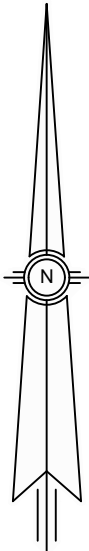




# DRAGOS GOLDCK 7-25-69-6 (W.6M.)

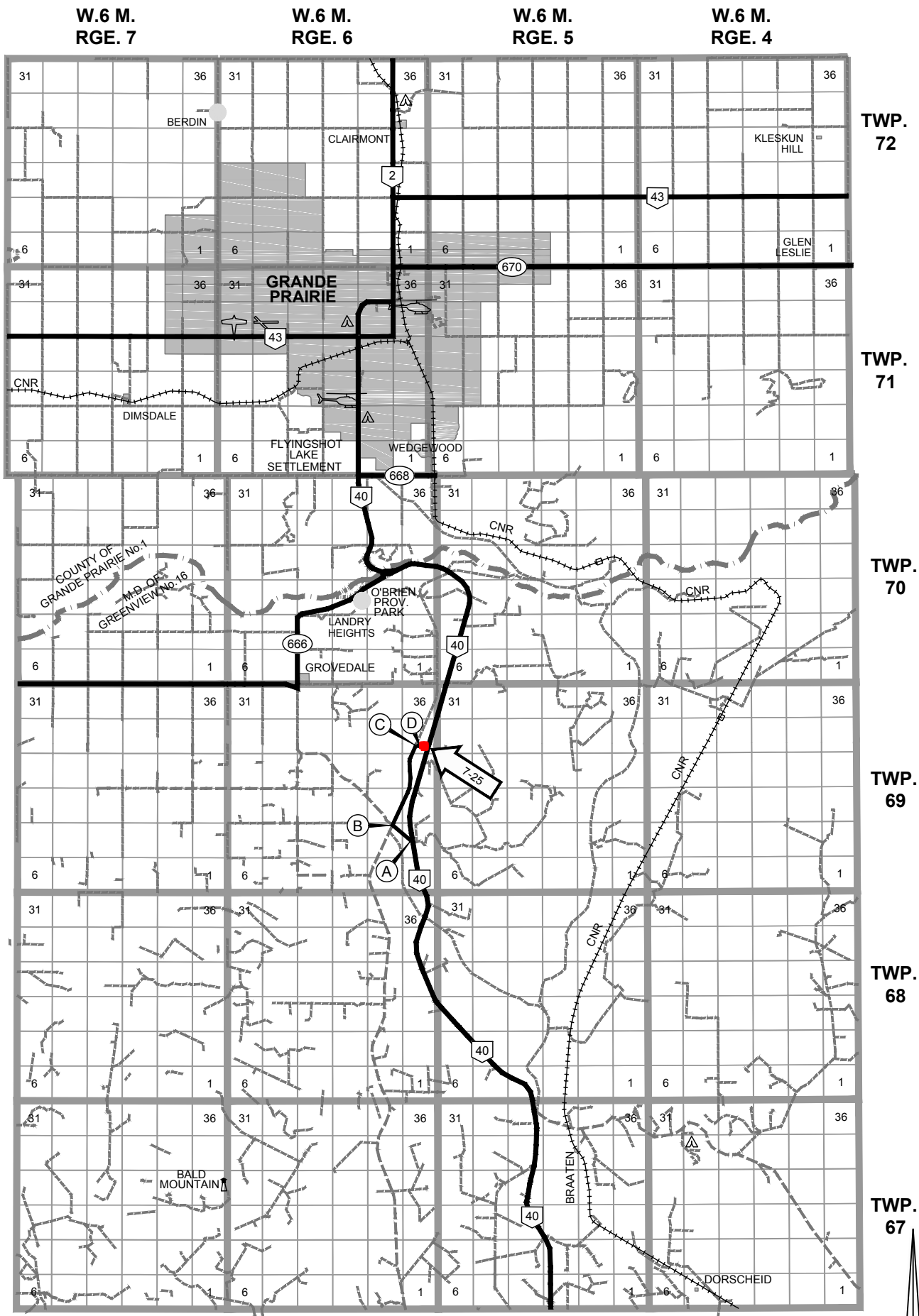


**SURFACE DEVELOPMENT SKETCH** SCALE 1:30 000



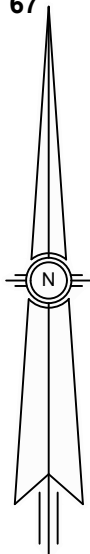
ONLY SURFACE DEVELOPMENTS WITHIN 2km OF W/C ARE SHOWN		
Occupied residences shown thus: ■		
Unoccupied residences shown thus: □		
Other surface developments shown thus: ▲		
NEAREST SURFACE DEVELOPMENT(S)		
	DIRECTION	DISTANCE (±km)
COMPRESSOR STATION	SW	1.49
RESIDENCE	S	6.4
NEAREST URBAN CENTRE(S)		
	DIRECTION	DISTANCE (±km)
CITY OF GRANDE PRAIRIE	N	12.4

DRAGOS GOLDCK 7-25-69-6 (W.6M.)



ACCESS ROUTE SKETCH SCALE 1:250 000

ROAD USE			
	OWNER	DISPOSITION	LENGTH (km)
A-B	ALBERTA TRANSPORTATION	PLAN 892 1850	1.1
B-C	WEYERHAEUSER COMPANY LIMITED	EZE 930161	4.0
C-D	DRAGOS ENERGY CORP.	LOC 062066	0.4





## M.D. OF GREENVIEW NO. 16

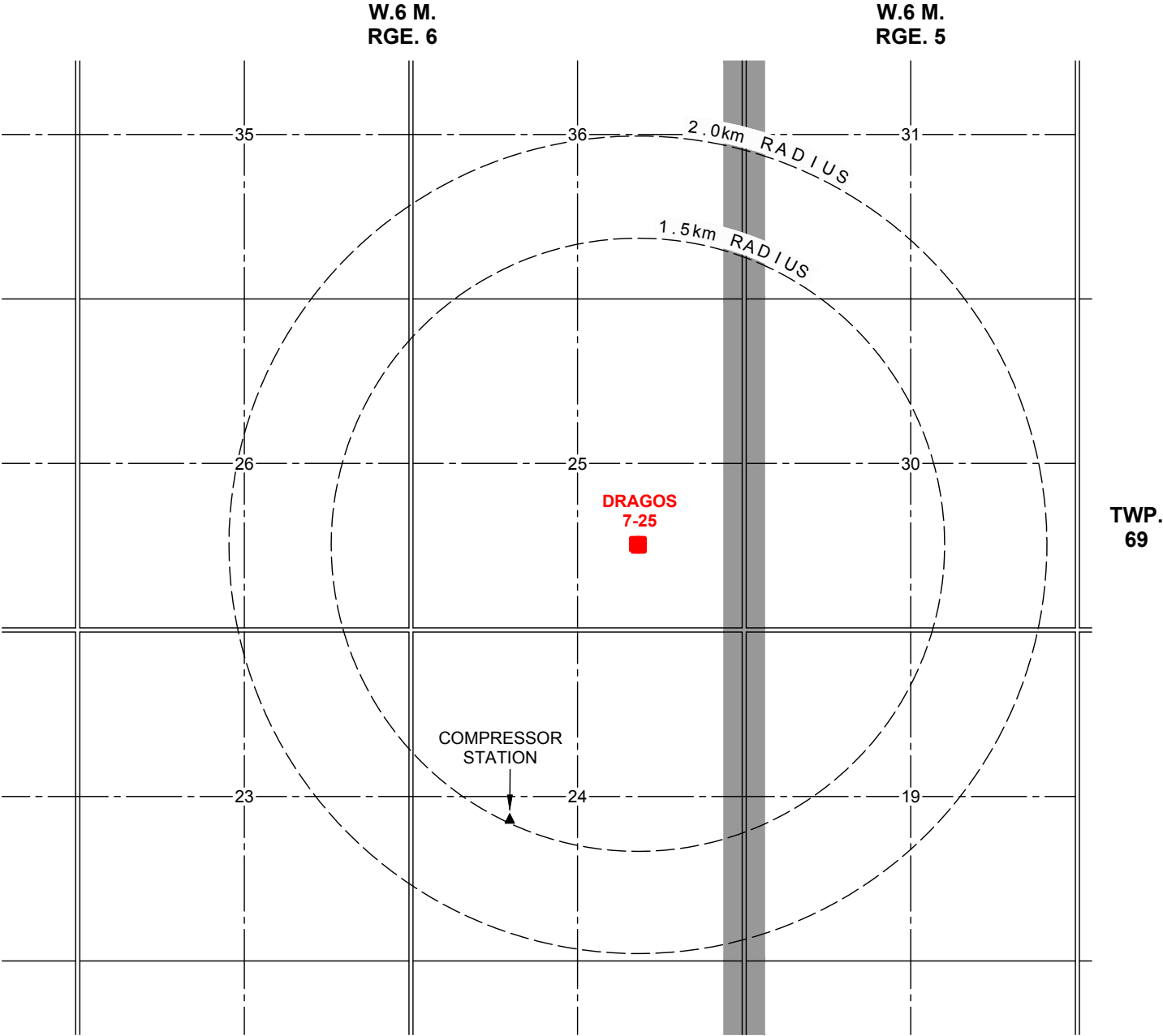
AFE NO.: .	PROJECT NO.: .			<div style="font-size: 2em; font-weight: bold; text-align: center;">2</div> <div style="text-align: center;">REVISION</div>
FILE NO.: .	PCS: 2018008785			
CALTECH JOB NO.: 118-1375	REF. JOB NO.: -			
118-1375W01-R2.DWG	PC: CD	PAGE 1 OF 5		



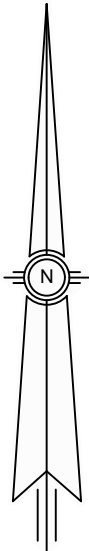




# DRAGOS GOLDCK 7-25-69-6 (W.6M.)

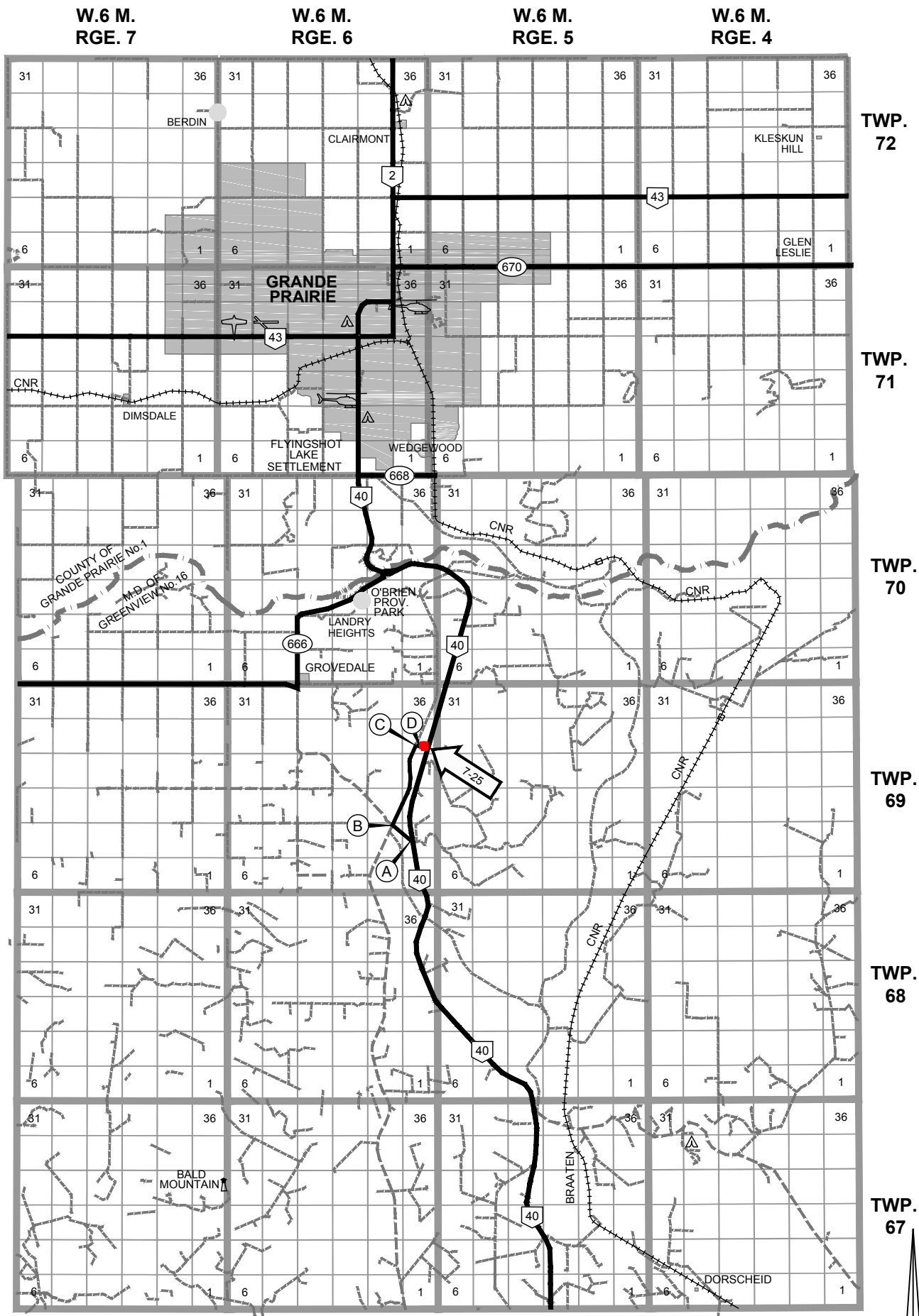


**SURFACE DEVELOPMENT SKETCH** SCALE 1:30 000



ONLY SURFACE DEVELOPMENTS WITHIN 2km OF W/C ARE SHOWN		
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NEAREST SURFACE DEVELOPMENT(S)		
	DIRECTION	DISTANCE (±km)
COMPRESSOR STATION	SW	1.49
RESIDENCE	S	6.4
NEAREST URBAN CENTRE(S)		
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CITY OF GRANDE PRAIRIE	N	12.4

DRAGOS GOLDCK 7-25-69-6 (W.6M.)



ACCESS ROUTE SKETCH SCALE 1:250 000

ROAD USE			
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A-B	ALBERTA TRANSPORTATION	PLAN 892 1850	1.1
B-C	WEYERHAEUSER COMPANY LIMITED	EZE 930161	4.0
C-D	DRAGOS ENERGY CORP.	LOC 062066	0.4

STR-100/110/120  
BASKET STRAINER

FE-1000/1100/1200  
CORIOLIS METER

STR-600  
PUMP INLET FILTER

S-800/810/820/830  
PRODUCED WATER TANK  
CAPACITY: 1000BBL

S-990  
SKIM TANK  
CAPACITY: 400BBL

P-601  
INJECTION/TRANSFER PUMP  
MAKE:  
MODEL:  
RATED FLOW: 25 m<sup>3</sup>/h @ 9930 kPa  
MOTOR: 100hp  
POWER: 460VAC, 3 PH, 60Hz

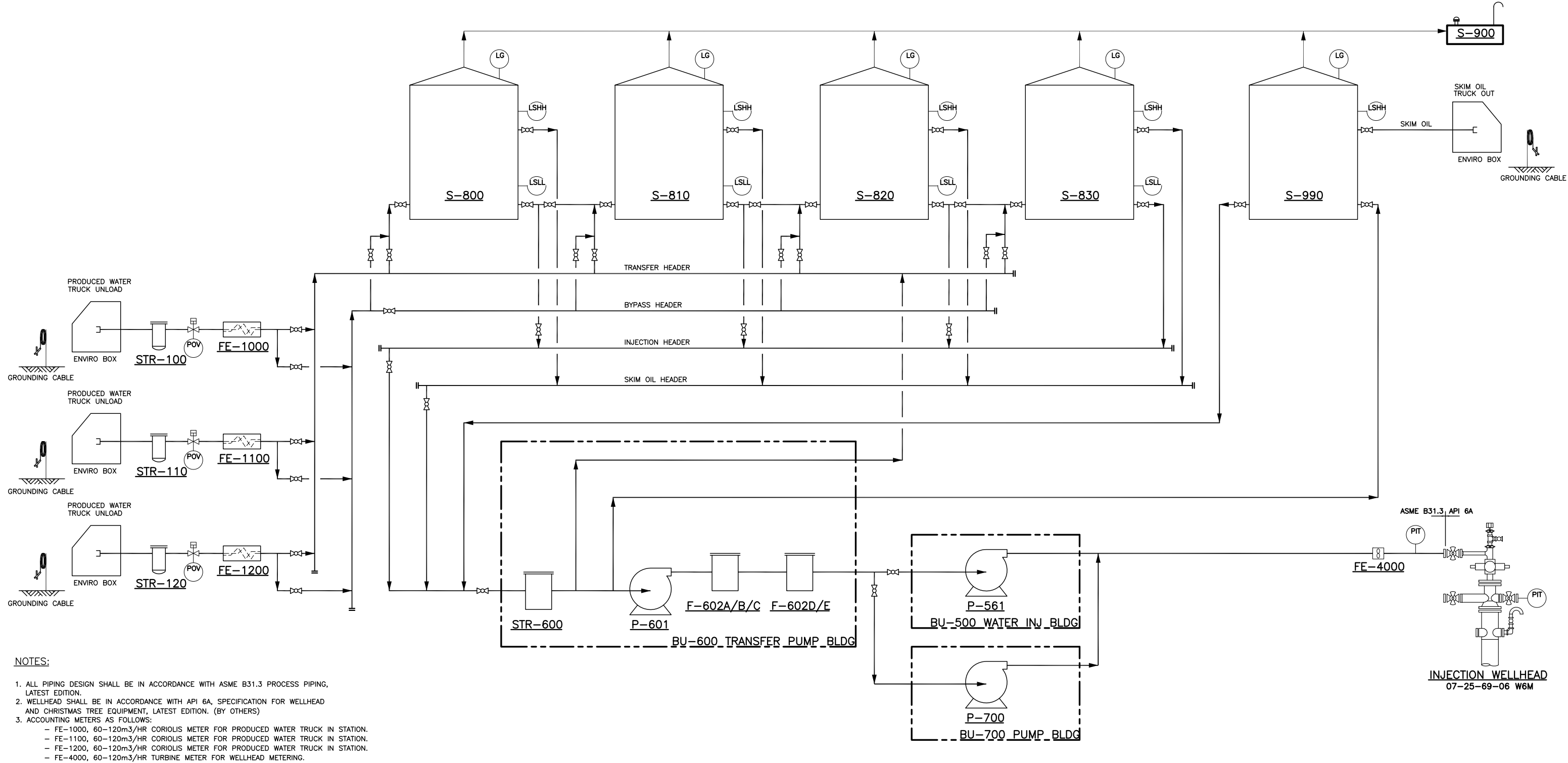
FE-4000  
TURBINE METER

S-900  
H2S SCRUBBER

F-602A/B/C/D/E  
PRIMARY FILTER


P-561  
PRODUCED WATER INJECTION PUMP

P-700  
PRODUCED WATER PUMP



NOTES:

- ALL PIPING DESIGN SHALL BE IN ACCORDANCE WITH ASME B31.3 PROCESS PIPING, LATEST EDITION.
- WELLHEAD SHALL BE IN ACCORDANCE WITH API 6A, SPECIFICATION FOR WELLHEAD AND CHRISTMAS TREE EQUIPMENT, LATEST EDITION. (BY OTHERS)
- ACCOUNTING METERS AS FOLLOWS:
  - FE-1000, 60-120m<sup>3</sup>/HR CORIOLIS METER FOR PRODUCED WATER TRUCK IN STATION.
  - FE-1100, 60-120m<sup>3</sup>/HR CORIOLIS METER FOR PRODUCED WATER TRUCK IN STATION.
  - FE-1200, 60-120m<sup>3</sup>/HR CORIOLIS METER FOR PRODUCED WATER TRUCK IN STATION.
  - FE-4000, 60-120m<sup>3</sup>/HR TURBINE METER FOR WELLHEAD METERING.

													DRAGOS ENERGY CORP. DISPOSAL FACILITY		
													LSD: 07-25-69-06 W6M		
													DISPOSAL FACILITY PROCESS FLOW DIAGRAM		
	1	2018.03.22	DISPOSAL FACILITY	-		A1	ISSUED FOR REGULATORY	WW	2018.03.22				SCALE (D SIZE) NTS	DRAWING NO. DRAG-ELMW-07-25-M30-01	REV. 1A1
STAMPS	NO.	DATE	PROJECT DESCRIPTION	PROJ #	AFE	REV.	ISSUED FOR	BY	DATE	CHK	APP				

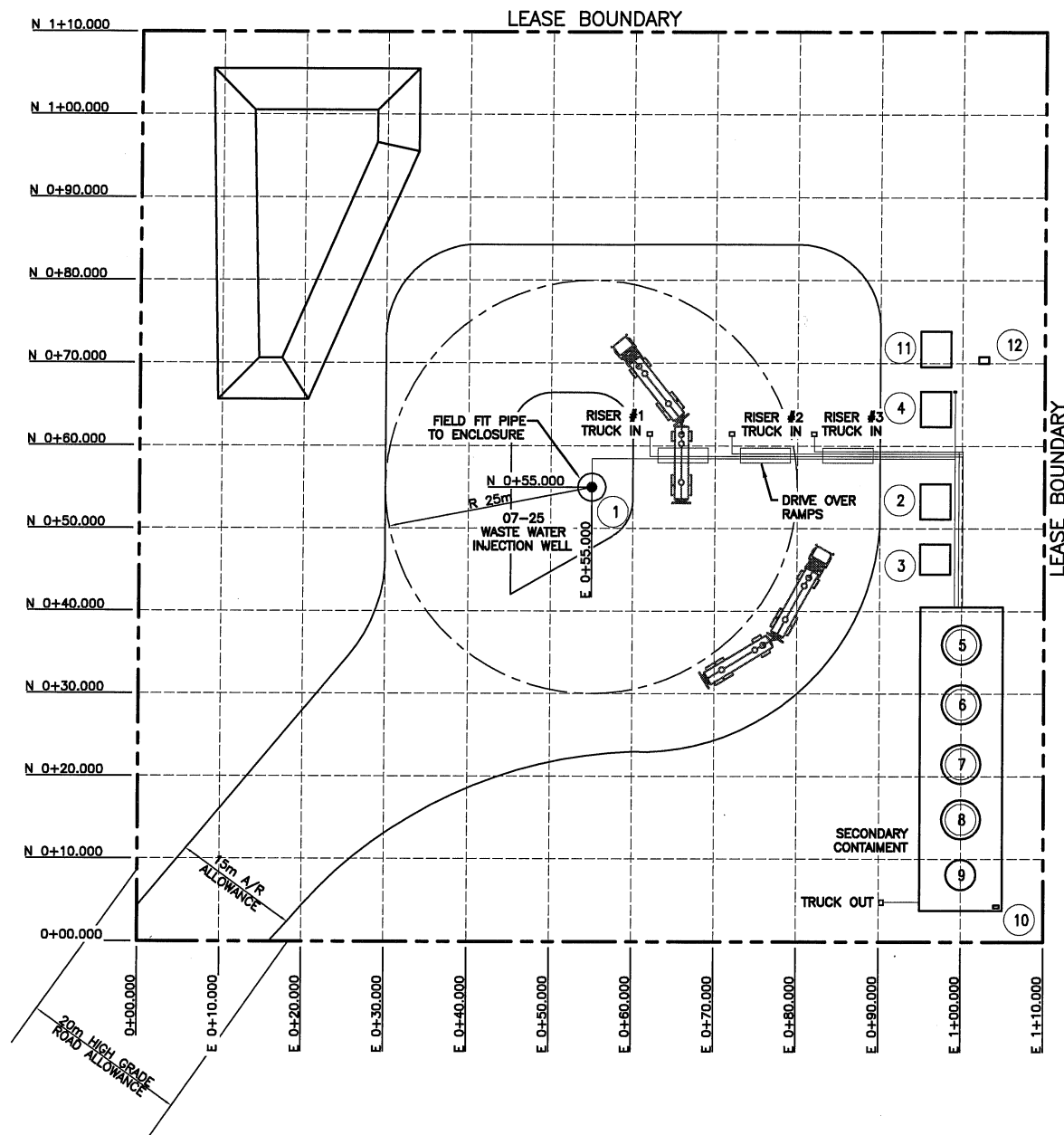
A

B

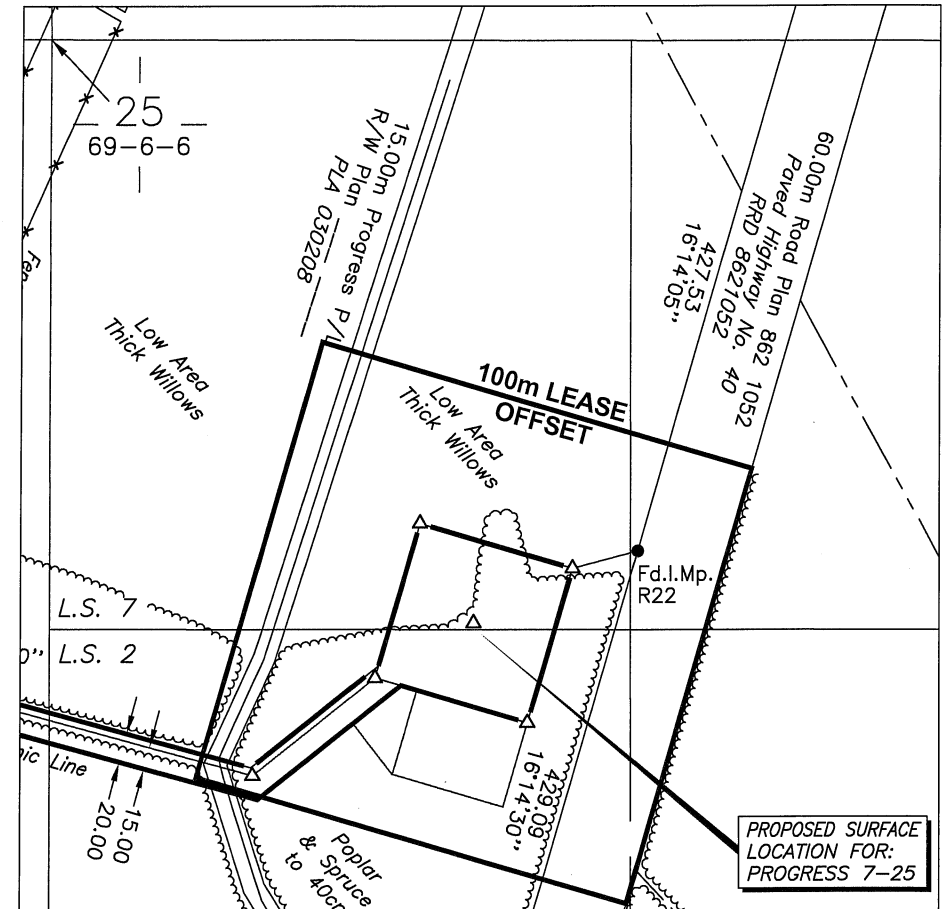
C

D

E



PLOT PLAN  
SCALE: 1:400



LOCATION PLAN  
SCALE: NTS

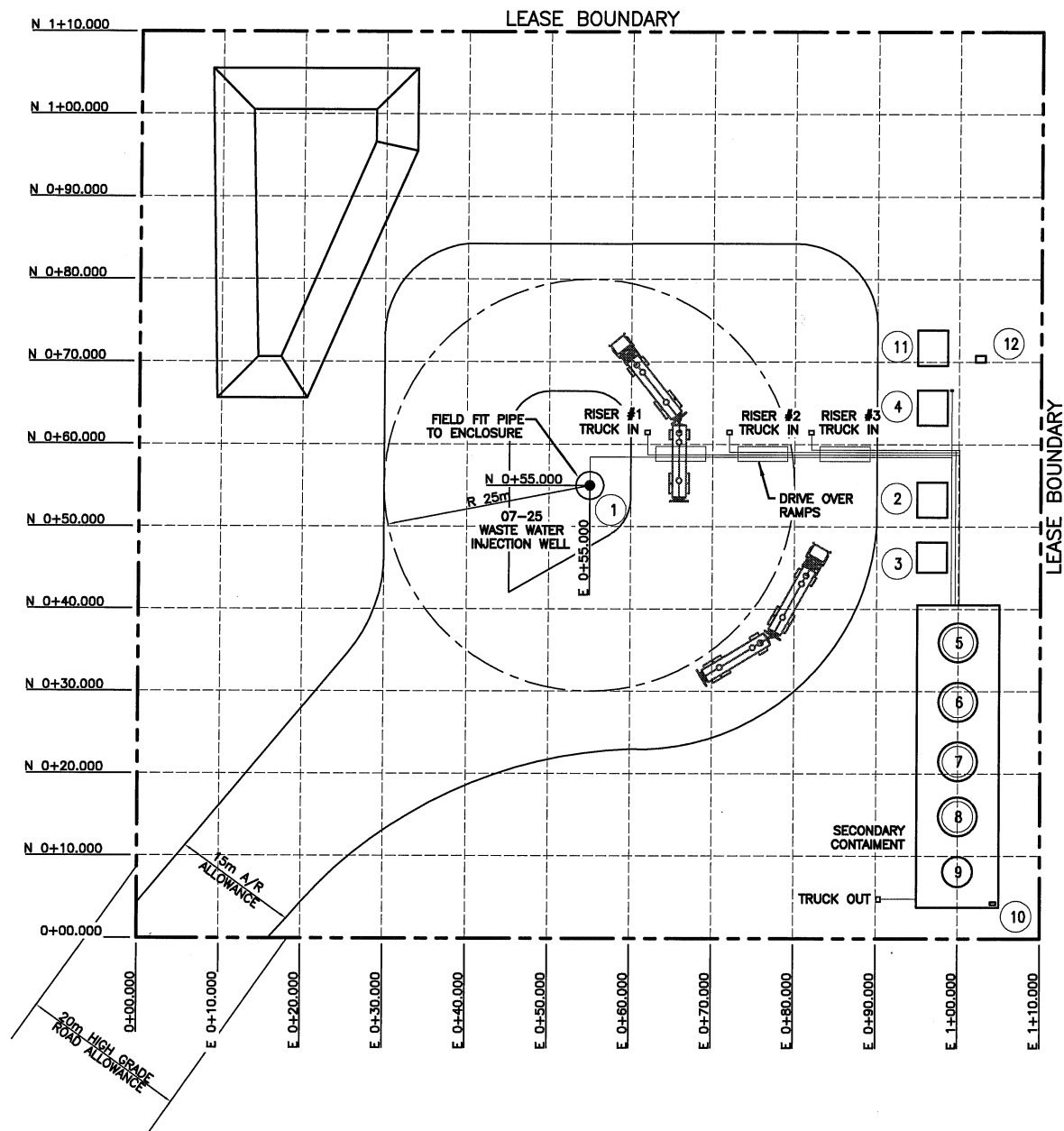
EQUIPMENT LIST	
ITEM	DESCRIPTION
1	BU-400 - WELLHEAD ENCLOSURE
2	BU-500 - INJECTION BUILDING
3	BU-600 - TRANSFER PUMP AND FILTER BUILDING
4	BU-700 - PUMP BUILDING
5	S-800 - 1000BBL PRODUCED WATER TANK
6	S-810 - 1000BBL PRODUCED WATER TANK
7	S-820 - 1000BBL PRODUCED WATER TANK
8	S-830 - 1000BBL PRODUCED WATER TANK
9	S-990 - 400BBL SKIM OIL TANK
10	S-900 - H2S SCRUBBER
11	MCC BUILDING
12	SERVICE BOARD

GENERAL CONSTRUCTION NOTES:

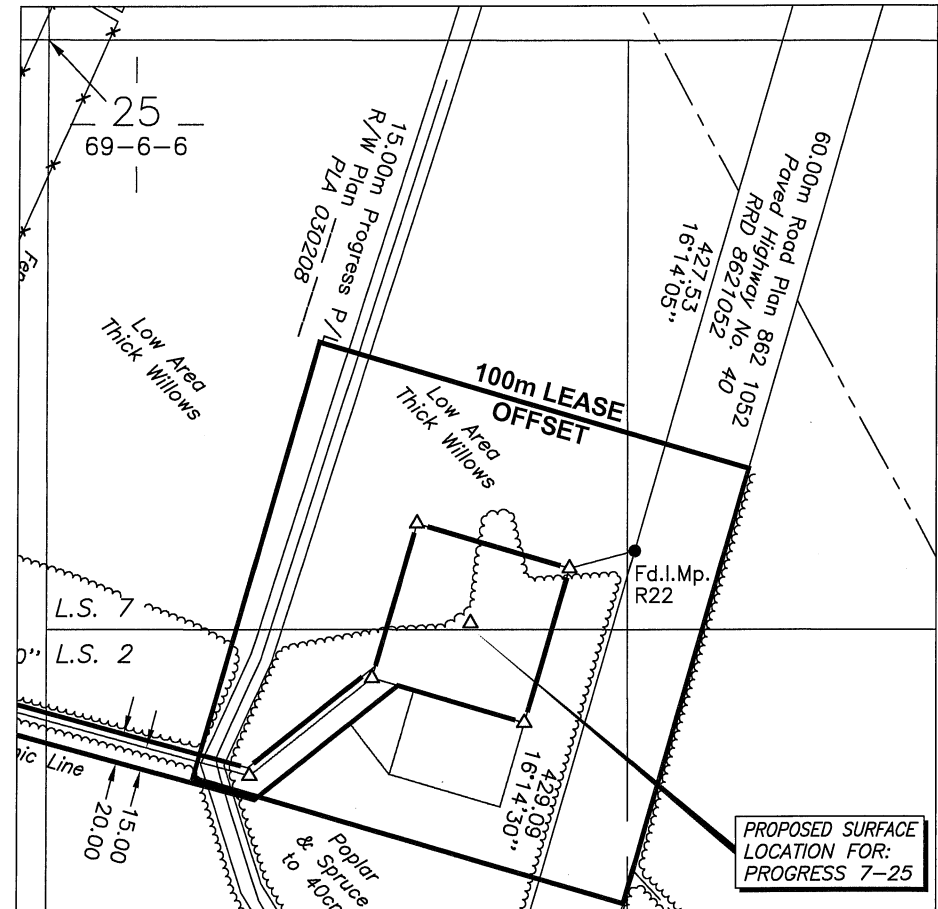
1. GENERAL CONSTRUCTION NOTES APPLY TO COMPLETE DRAWING PACKAGE.
2. ALL DIMENSIONS ARE TO BE FIELD CONFIRMED PRIOR TO CONSTRUCTION.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. FAINT DASHED LINES ARE SHOWN FOR REFERENCE.
5. ALL PIPING TO HAVE A MINIMUM COVER OF:  
1200 - ON LEASE  
1200 - OFF LEASE
6. ALL STEEL RISERS AND UNCOATED BURIED PIPING TO BE EXTERNALLY COATED WITH YJ OR EQUIVALENT, FOR CORROSION CONTROL, APPLICATION TO EXTEND 500mm ABOVE GRADE.
7. ALL BELOW GRADE PIPING TO BE INSULATED TO FIRST FITTING BELOW GRADE.
8. COORDINATE DATUM IS LOCATED IN SOUTH WEST CORNER OF LEASE.
9. ALL LEASE COORDINATES ALIGNED WITH PLANT NORTH.
10. LOCATION OF ALL EQUIPMENT AND UNDERGROUND LINES ARE APPROXIMATE AND ARE TO BE CONFIRMED BY SURVEY AND HYDROVAC AS REQUIRED.
11. ELECTRICAL CABLES TO BE BURIED ABOVE PIPELINE @ A DEPTH OF 900mm BELOW GRADE, WITH SAND COVERING AND CAUTION RIBBON 300mm BELOW GRADE

										DRAGOS ENERGY CORP. DISPOSAL FACILITY		
										LSD: 07-25-69-06 W6M		
										DISPOSAL FACILITY PLOT PLAN		
										SCALE (D SIZE) 1:400	DRAWING NO. DRAG-ELMW-07-25-M10-01	REV. 1A2
STAMPS												
NO.	DATE	PROJECT DESCRIPTION	PROJ #	AFE		REV.	ISSUED FOR	BY	DATE	CHK	APP	
1	2018.03.22	DISPOSAL FACILITY	-			A2	ISSUED FOR REGULATORY	WW	2018.03.29			
						A1	ISSUED FOR REGULATORY	WW	2018.03.22			

A  
B  
C  
D  
E



**PLOT PLAN**  
SCALE: 1:400




**LOCATION PLAN**  
SCALE: NTS

EQUIPMENT LIST	
ITEM	DESCRIPTION
1	BU-400 - WELLHEAD ENCLOSURE
2	BU-500 - INJECTION BUILDING
3	BU-600 - TRANSFER PUMP AND FILTER BUILDING
4	BU-700 - PUMP BUILDING
5	S-800 - 1000BBL PRODUCED WATER TANK
6	S-810 - 1000BBL PRODUCED WATER TANK
7	S-820 - 1000BBL PRODUCED WATER TANK
8	S-830 - 1000BBL PRODUCED WATER TANK
9	S-990 - 400BBL SKIM OIL TANK
10	S-900 - H2S SCRUBBER
11	MCC BUILDING
12	SERVICE BOARD

**GENERAL CONSTRUCTION NOTES:**

1. GENERAL CONSTRUCTION NOTES APPLY TO COMPLETE DRAWING PACKAGE.
2. ALL DIMENSIONS ARE TO BE FIELD CONFIRMED PRIOR TO CONSTRUCTION.
3. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
4. FAINT DASHED LINES ARE SHOWN FOR REFERENCE.
5. ALL PIPING TO HAVE A MINIMUM COVER OF:  
1200 - ON LEASE  
1200 - OFF LEASE
6. ALL STEEL RISERS AND UNCOATED BURIED PIPING TO BE EXTERNALLY COATED WITH YJ OR EQUIVALENT, FOR CORROSION CONTROL, APPLICATION TO EXTEND 500mm ABOVE GRADE.
7. ALL BELOW GRADE PIPING TO BE INSULATED TO FIRST FITTING BELOW GRADE.
8. COORDINATE DATUM IS LOCATED IN SOUTH WEST CORNER OF LEASE.
9. ALL LEASE COORDINATES ALIGNED WITH PLANT NORTH.
10. LOCATION OF ALL EQUIPMENT AND UNDERGROUND LINES ARE APPROXIMATE AND ARE TO BE CONFIRMED BY SURVEY AND HYDROVAC AS REQUIRED.
11. ELECTRICAL CABLES TO BE BURIED ABOVE PIPELINE @ A DEPTH OF 900mm BELOW GRADE, WITH SAND COVERING AND CAUTION RIBBON 300mm BELOW GRADE

													DRAGOS ENERGY CORP. DISPOSAL FACILITY		
													LSD: 07-25-69-06 W6M		
													DISPOSAL FACILITY PLOT PLAN		
													SCALE (D SIZE) 1: 400	DRAWING NO. DRAG-ELMW-07-25-M10-01	REV. 1A2
	1	2018.03.22	DISPOSAL FACILITY	-		A2	ISSUED FOR REGULATORY	WW	2018.03.29						
						A1	ISSUED FOR REGULATORY	WW	2018.03.22						
STAMPS	NO.	DATE	PROJECT DESCRIPTION	PROJ #	AFE	REV.	ISSUED FOR	BY	DATE	CHK	APP				