



6205 - 60 ST VEGREVILLE AB T9C 1S3
PHONE: (780) 632-7774 FAX: (780) 632-6820



CLIENT:

RARE OILFIELD SERVICES

DESCRIPTION:

30" x 10' S/S 3-PHASE, 4" 600# ANSI SEPARATOR/METER SKID,
400BBL WATER TANK

REV: A

SHIPPING DETAILS

TOTAL WIDTH: 11'-6"

TOTAL HEIGHT: 14'-10"

TOTAL LENGTH: 38'-6"

APPROX. WEIGHT: 49,700 LBS

DWG#: 6680-1-CP-01

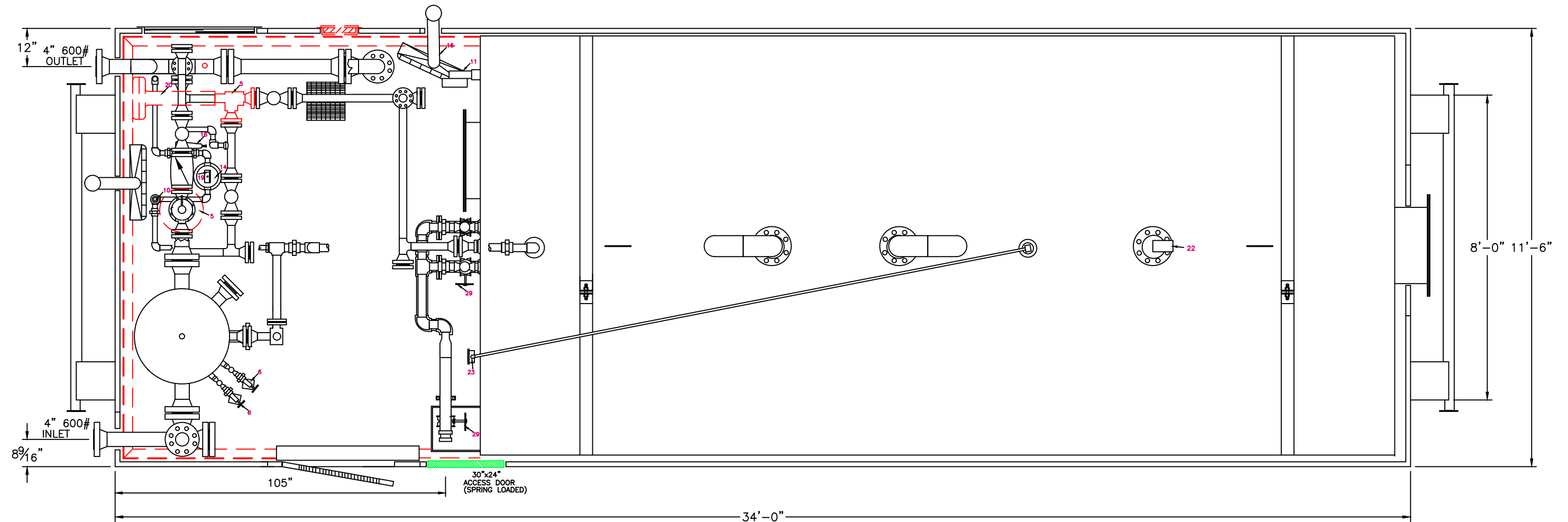
04/29/25

RJV JOB#: 25-15xxx

WARNING!

THIS DRAWING AND THE DESIGN IT COVERS ARE CONFIDENTIAL AND SHALL NOT BE
DISCLOSED IN ANY MANNER, OR USED FOR ANY PURPOSE, EXCEPT WITH WRITTEN
CONSENT OF RJV GAS FIELD SERVICES.

NOTE:



PLAN VIEW

DRAWING REVISIONS

REV	DATE MM/DD/YY	DESCRIPTION	BY
A	04/29/25	ISSUED FOR APPROVAL	WJS

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DWN BY: JJS DATE: 06/03/24 SCALE: NTS

CLIENT:

RARE OILFIELD SERVICES

DESCRIPTION:

30" x 10' S/S 3-PHASE, 4" 600# ANSI
SEPARATOR/METER SKID, 400BBL WATER TANK

RJV GAS FIELD SERVICES

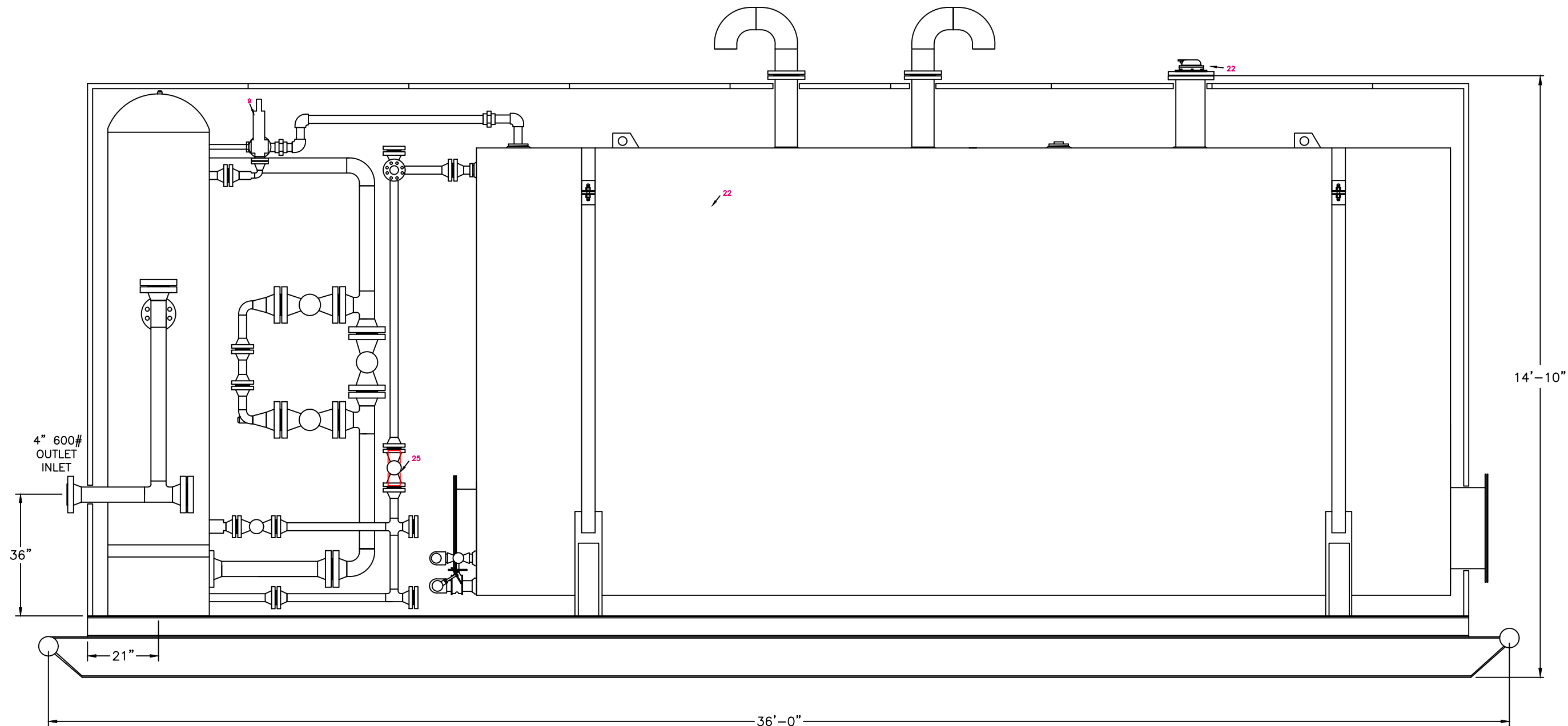
6205 - 60 ST VEGREVILLE AB T9C 1S3
PHONE: (780) 632-7774 FAX: (780) 632-8820



DWG#: 6680-1-GA-01

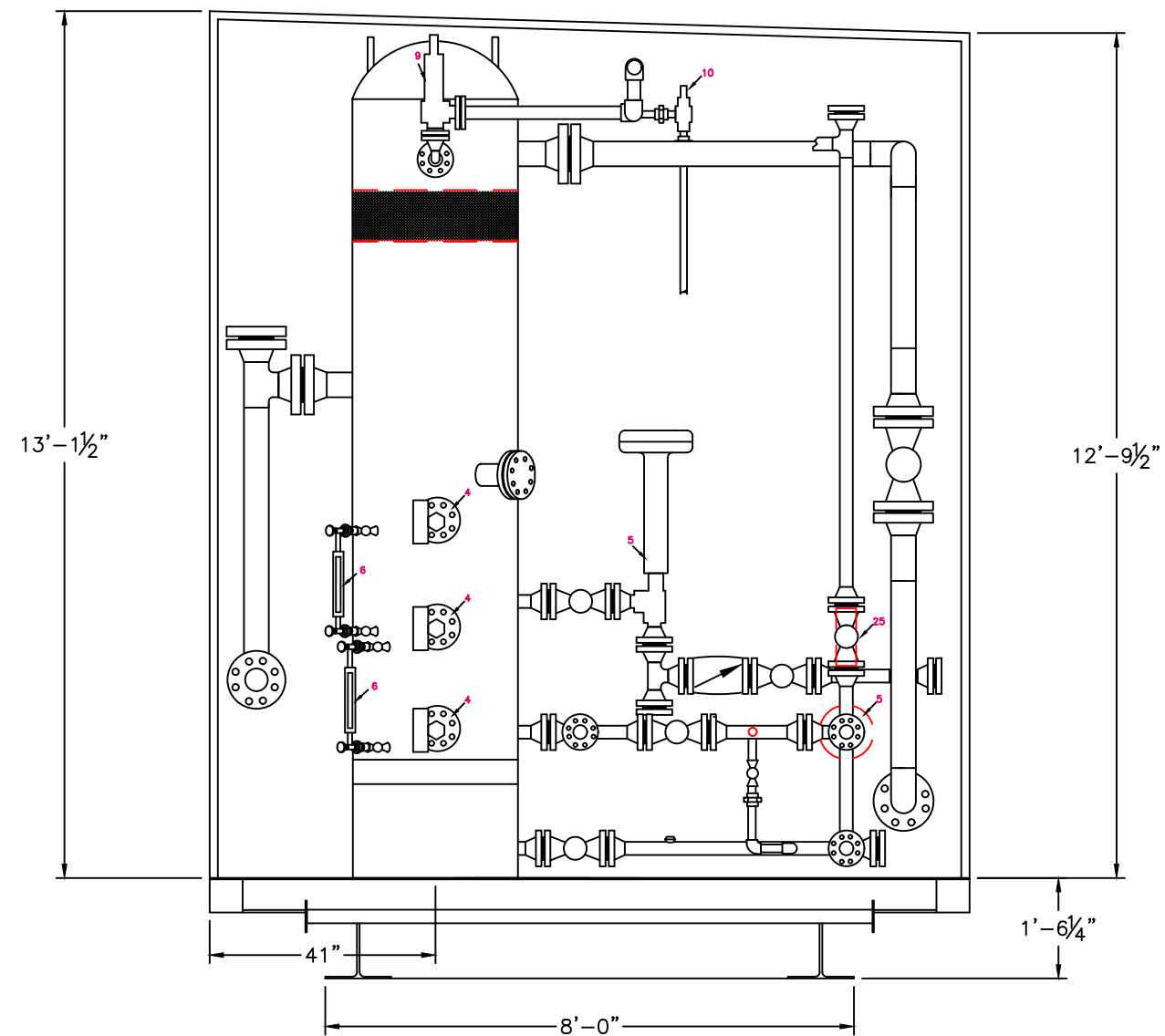
REV: A

RJV JOB#: 25-15xxx



ELEVATION VIEW

DRAWING REVISIONS				SHIPPING DETAILS			CLIENT: RARE OILFIELD SERVICES		RJV GAS FIELD SERVICES 6205 - 60 ST VEGREVILLE AB T9C 1S3 FAX: (780) 632-6820 	
REV	DATE MM/DD/YY	DESCRIPTION	BY	TOTAL WIDTH: 11'-6" TOTAL LENGTH: 38'-6" TOTAL HEIGHT: 14'-10" APPROX. WEIGHT: 49,700 LBS			DESCRIPTION: 30" x 10' S/S 3-PHASE, 4" 600# ANSI SEPARATOR/METER SKID, 400BBL WATER TANK			
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				DWN BY: JJS	DATE: 06/03/24	SCALE: NTS			DWG#: 6680-1-GA-02 REV: A RJV JOB#: 25-15xxx	



END VIEW

DRAWING REVISIONS			
REV	DATE MM/DD/YY	DESCRIPTION	BY

SHIPPING DETAILS		
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DWN BY: JJS	DATE: 06/03/24	SCALE: NTS

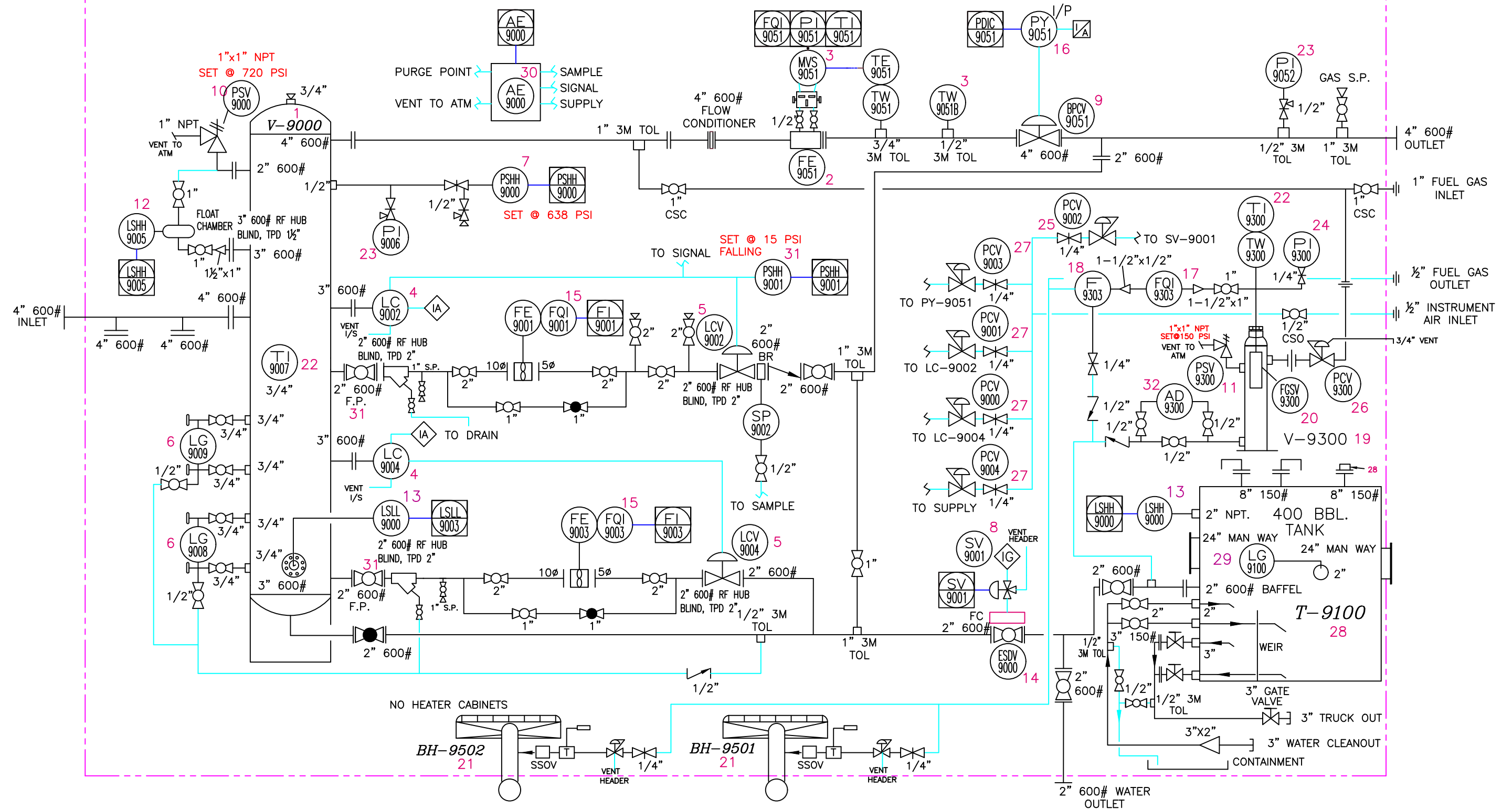
CLIENT:	RARE OILFIELD SERVICES
DESCRIPTION:	30" x 10' S/S 3-PHASE, 4" 600# ANSI SEPARATOR/METER SKID, 400BBL WATER TANK



6205 - 60 ST VEGREVILLE AB T9C 1S3
FAX: (780) 632-6820



DWG#: 6680-1-GA-03	REV: A	RJV JOB#: 25-15xxx
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DRAWING REVISIONS			
REV	DATE	DESCRIPTION	BY
A	04/29/25	ISSUED FOR APPROVAL	WJS

SHIPPING DETAILS		
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DWN BY: JJS	DATE: 06/03/24	SCALE: NTS

CLIENT:	RARE OILFIELD SERVICES
DESCRIPTION:	30' x 10' S/S 3-PHASE, 4" 600# ANSI SEPARATOR/METER SKID, 400BBL WATER TANK



6205 - 60 ST VEGREVILLE AB T9C 1S3
 PHONE: (780) 632-7774 FAX: (780) 632-8820



DWG#: 6680-1-P&ID-01	REV: A	RJV JOB#: 25-15xxx
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EQUIPMENT LIST			
TAG #	ITEM	QTY	DESCRIPTION
V-9000	1	1	RJV 30"x10' s/s 600 ANSI, 1,440 PSI, 3 PHASE VERTICAL, MISTEX, STRESS RELIEVED, 1/8" C.A., 100 % RADIOGRAPHY & HYDRO TO CODE LAMINATION SCAN, HARDNESS TESTING, SELECT CHEMISTRY. BC REG.
FE-9051	2	1	CAMERON 4" 600 ANSI SCH 80 (SENIOR) ORIFICE FITTING, FLANGED TYPE FLOW CONDITIONER, 2 TAPS- 1, 3/4" & 2, 1/2" TOL,(82" O/A)
MVS-9051	3	1	FISHER 205E MULTIVARIABLE TRANSMITTER, MODBUS RTU, STATIC RANGE 0-1500 PSI,.0-250" w.c., 0-150°F,0-10 TO 0-830 H2O DIFF 36.26 TO 0-3626 GAUGE RANGE. (OWNER SUPPLIED)
LC-9002 9004	4	2	NORRISEAL 2" NPT. LH, TYPE 1001A LIQUID LEVEL CONTROL, THROTTLING, c/w 1-7/8" x 12" (BOTTOM), 1-7/8" x 12/6" (TOP).
LCV-9002 9004	5	2	FISHER 2" 600# RFF TYPE 667-D-45 PRESSURE CONTROL VALVE, 1" MICRO-FORM 316 SST TUGSTEN CARBIDE TRIM, SIZE 45 ACTUATOR, FAIL CLOSED, AIR TO OPEN SHUT IN PRESS 1440 PSIG
LG-9008 9009	6	2	PENBURTHY MOD# 1TL5 TRANSPARENT c/w 330J GAUGE COCKS, c/w 1/2" NPT BALL DRAIN VALVE & TUBING.
PSHH-9000	7	1	CCS DUAL SNAP PRESSURE SWITCH, MODEL# 6900GE-G22 DUAL SNAP, 120AC/12DC RATING, ALUMINUM CONSTRUCTION, 1/4" SENSING PORT, SET @ 638 PSI RISING
SV-9001	8	1	ASCO 1/4" NPT MODEL#EF8314G301 24DC ELECTRIC SOLENOID VALVE.
BPCV-9051	9	1	FISHER 4" 600# RFF TYPE 667-ET-70 PRESSURE CONTROL VALVE, 3-7/16" TRIM, WCB BODY, STANDARD SERVICE, SIZE 70 ACTUATOR, FAIL CLOSED, AIR TO OPEN.
PSV-9000	10	1	TAYLOR 1"x 1" NPT, MODEL T-8200-10, SS SPRING, STD. SERVICE, TYPE E ORIFICE, SA216 CARBON STEEL, SET @ 720 PSIG.
PSV-9300	11	1	TAYLOR 1"x 1" NPT, MODEL T-8200-10, SS SPRING, STD. SERVICE, .128" ORIFICE, TYPE "E", RANGE 15-500 PSI, SET @ 150 PSIG.
LSHH-9005	12	1	KIMRAY 2" NPT. MODEL 2220 ELECTRIC LIQUID LEVEL CONTROL, c/w MANUAL TEST BUTTON, c/w 1-1/2" x 4" 316 SST. FLOAT.
LSHH-9000 LSLL-9000	13	2	KENCO 2" NPT. MODEL KEFS2SPDT5TB ELECTRIC LIQUID LEVEL CONTROL, c/w MANUAL TEST BUTTON, c/w 1-1/2" x 4" 316 SST. FLOAT.
ESDV-9000	14	1	DYNAFLO DSR100 ACTUATOR c/w 2" 600# RF. NUTRON BALL VALVE, RADIUS AS040A ACTUATOR, FAIL CLOSED, SUPPLY 40 PSI.
FE/FQI-9001 FE/FQI-9003	15	2	SURFLO 2" 600# ANSI WAFER STYLE TURBINE PACKAGE, 2" X 1" WAFER STYLE TURBINE METER, 15 - 180 GPM, NYLON CENTERING RINGS c/w SURFLO BS3000, 4-20 MA OUTPUT SIGNAL, 3.6 VOLT LITHIUM BATTERY, 1' LONG SIGNAL CABLE
PY-9051	16	1	FISHER DVC6200 NON CONTACT FIELDVUE POSITIONER, HART PROTOCOL, 4-20mA, LOW BLEED RELAY, 0-60PSI OUTPUT GAUGE, CSA XP/INTRINSIC SAFE/NONINCENDIVE 316SST TUBING AND SWAGELOK FITTINGS, DVC MOUNTING KIT
FQI-9303	17	1	ROOTS POSITIVE DISPLACEMENT 1-1/2" NPT. METER, MODEL 8C175, LOCAL DISPLAY, 175 PSIG. MAX. OPERATING PRESSURE, STANDARD.
F-9303	18	1	HEADLINE 1/2" NPT. MODEL #360A, c/w 1-P/N 25-64-70C ELEMENTS
V-9300	19	1	RJV 8"X30" s/s FUEL GAS SCRUBBER 150 PSI DESIGN PRESSURE.
FGSV-9300	20	1	RJV 2"X1" NPT. FUEL GAS SHUT-OFF VALVE c/w DEMISTER WRAP
BH-9501 9502	21	2	CATADYNE BX24X24 24,000 BTU, 12 VDC, NATURAL GAS HEATER c/w STANDS, SSOV, REGULATORS, 25 FT CABLES, THERMOSTAT, GRILL, VENT HOOD & ELECTRICAL AS PER CEC REGULATIONS.
TI/TW-9007/9300	22	2	TREND MOD 33, 3" DIAL, -40/120°F, c/w 316 SST THERMOWELL, DUAL SCALE, 4" STEM ON SEPARATOR.
PI-9006 9052	23	2	WIKA 4" DIAL 1/2" NPT BOTTOM CONN. #233.54 LIQUID FILLED, DS, 0/1500# PSI c/w PANAM 316 STAINLESS STEEL BLEED VALVES (SEPARATOR, & OUTLET PIPING).
PI-9300	24	1	WIKA 2-1/2" DIAL 1/4" NPT BOTTOM CONN. #233.53 LIQUID FILLED, DS, 0/200# PSI c/w PANAM 1/4" CARBON STEEL ISOLATION VALVE
PCV-9002	25	1	FISHER 1/4" NPT MODEL 67CFR-601, 0-125 PSI SPRING RANGE, SET AT 40 PSI. STD.
PCV-9300	26	1	FISHER 1" NPT TYPE P627-543 D1 STEEL BODY, STANDARD, 1/8" ORIFICE, NYLON DISC, 70-150 PSI SPRING RANGE, SET@ 100 PSIG
PCV-9000/01 /03/04	27	4	FISHER 1/4" NPT MODEL 67CFR-362, 0-35 PSI SPRING RANGE, SET AT 30 PSI. STD. 67CFR-601 (PCV-9004/9005 SET @ 40 PSI.
T-9100	28	1	WESTEEL 400 BBL. SINGLE WALLED ABOVE GROUND STORAGE TANK, c/w 2-8" 150 ANSI VENT STACKS, 1-8" 150" c/w ZIRCO THIEF HATCH, DEVOE EXPOXY INTERIOR COATING, c/w WEIR PLATE.
LG-9100	29	1	RJV 52144 METH. TANK METERING/LEVEL GAUGE BOARD 12FT.
AE-9000	30	1	TOP CUT WATER SAMPLER, TC-100XP, -20 TO 40°C, TYPE 4x ENCLOSURE, CL1 DIV1, 9-30VDC SUPPLY
PSHH-9001	31	1	BARKSDALE 9692X1CC3ALK ELECTRIC PRESSURE SWITCH, 12/24VDC, STAINLESS STEEL CONSTRUCTION, SET @ 15 PSI FALLING
AD-9300	32	1	ARMSTRONG 3/4"x 1/2" NPT., MODEL 3LD AUTO-DRAIN TRAP, 3/8", TRIM, CAST IRON BODY, 150 PSIG. MAX. OPERATING PRESSURE, STD.
CLIENT: RARE OILFIELD SERVICES			RJV GAS FIELD SERVICES 6206 - 60 ST VEGREVILLE AB T8C 1S3 PHONE: (780) 632-7774 FAX: (780) 632-6820 
DESCRIPTION: 30" x 10' S/S 3-PHASE, 4" 600# ANSI SEPARATOR/METER SKID, 400BBL WATER TANK			
DWG#: 6680-1-BOM-01	04/29/25	RJV JOB#: 25-15xxx	
REV: A			

EQUIPMENT LIST				
QTY	DESCRIPTION			
2	DHV 2 600# ANS RFF FULL PORT BALL VALVE.			
5	MERIDIAN 1/2" NPT. 2000# STANDARD BALL VALVE.			
4	MERIDIAN 3/4" NPT. 2000# STANDARD BALL VALVE.			
3	MERIDIAN 1" NPT. 2000# STANDARD BALL VALVE.			
2	MERIDIAN 2" NPT. 2000# STANDARD BALL VALVE.			
6	PANAM 1/4" NPT 6000# CARBON STEEL NEEDLE VALVES.			
2	PLAINSMAN 1/2" NPT 3000# CB-50 BALL CHECK.			
1	DHV 2 600# ANS RFF SWING TYPE CHECK VALVE.			
4	DHV 2 600# ANS RFF REGULAR PORT BALL VALVE.			
3	LINWHA 3" NPT 150 PSI. FIG# A-107 CLIP GATE VALVE			
1	NEWCO 2 600# ANS RFF GLOBE VALVE.			
1	PANAM 316 STAINLESS STEEL BLEED VALVES			
DESIGN DATA				
TUBING- 3/8" & 1/2" OD .035/.049 WT 316 STAINLESS STEEL				
TUBE FITTINGS- SWAGELOK 316 STAINLESS STEEL.				
FR PRESSURE SENSING LINES & FG TAKE-OFFS SHALL BE 1/2" OD				
SKID- RJV 11'-6"x38' c/w 12"@72 WIDE FLANGE BEAM (PERIPHERY),				
6"@15 TANK BEAMS. 6"@8.2 CHANNEL IRON (CHECKER FLOORING SUPPORTS)				
3/16" CHECKERED PLATE (FLOORING), 3" POLYURETHANE				
UNDERSKID INSULATION AND 3 1/2" PULL BARS EACH END				
12"x12" SKID DRAIN, 3"x1/8" CONTAINMENT AROUND INTERIOR SKID				
BUILDING- 11'-6"x36'x13'x12-8" URETHANE INJECTED PANEL TYPE				
SHED ROOF, 30 GAUGE WHITE STEEL EXTERIOR WALLS,				
R12 INSULATION VALUE. INTERIOR WHITE PREPAINTED STEEL				
INTERIOR., 24"x30" SPRING LOADED HATCH FOR CLIP VALVE.				
DOOR- 3'X7' URETHANE INJECTED PANEL TYPE, DOG DOOR, CANOPY,				
WEATHER STRIPPING, CHAIN CHECK, DOOR SWEEP, 1-DOOR STOPPER				
WINDOW- 1, 36"X36" DG SLIDER c/w SCREENS. 1-WHIRLY BIRD.				
VENTS- 1, 12"X12" INSULATED ALUMINUM LOUVERED c/w SCREENS.				
FLANGES: SA-105N 600 ANSI: 2"/3"/4" SCH 80,				
WELD FITTINGS: SA-234-WPB: 2"/3"/4" SCH 80,				
SCREWED FITTINGS: SA-105N 3000# FS.				
SCREWED UNIONS: SA-105N 3000# FS.				
O-LETS: SA-105N 3000# FS.				
PIPE AND NIPPLES: SA-106 GR B SEAMLESS.,				
THREADED PIPE, NIPPLES & SWAGES.- 600#-SCH 160, 150#-SCH. 80				
BOLTING: ASTM A193 GR B7 STUDS/ASTM A194 GR 2H NUTS.				
GASKETS: 304 SST FLEXIBLE-GRAPHITE,				
WELDED PIPING SHALL BE SUBJECTED TO 10% RADIOGRAPHY.				
WELD PIPING/TUBING BE HYDROTESTED TO 1.5 TIMES DESIGN PRESS.				
ALL VENTING CONTROLS AND INSTRUMENTS SHALL BE VENTED TO				
HEADERS AND ALL CONTROLS OPERATIONALLY AIR TESTED.				
ALL METAL SURFACES SHALL BE MECHANICALLY CLEANED TO				
SSPC-SP-2, 1 COAT OF ZINC CHROMATE PRIMER AND 1 FINISH COAT,				
STEEL SKIDS, EQUIPMENT, PIPING & TANKS: SILVER GREY				
24 VOLT DC CROUSE LED EXPLOSION PROOF INTERIOR				
LIGHT FIXTURE, INTERIOR EXPLOSION CROUSE HINDS SWITCH				