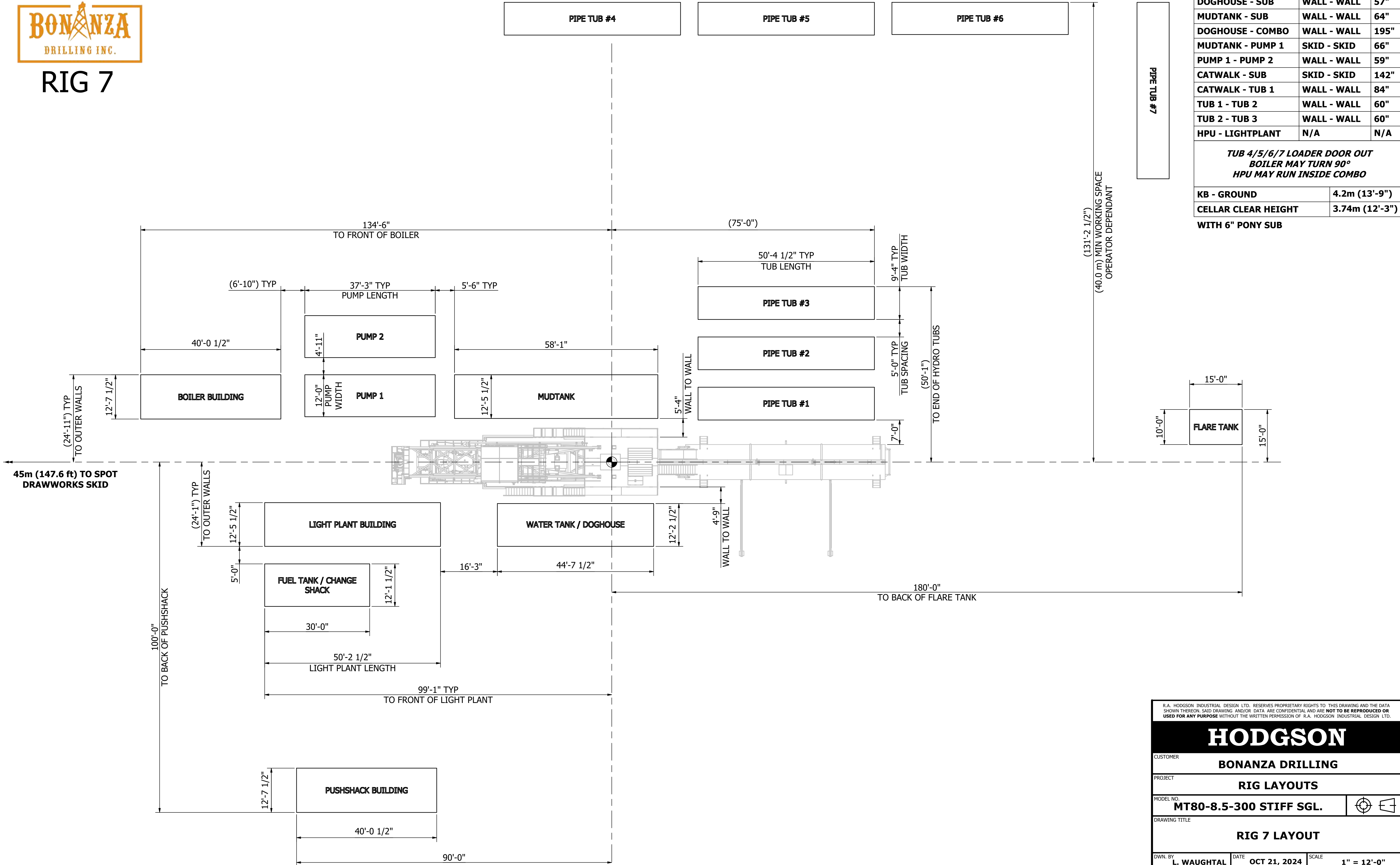
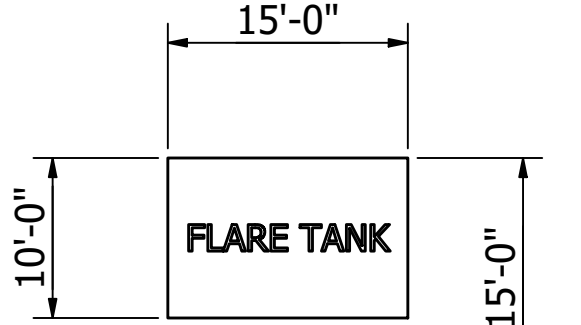




RIG 7



SPOTTING DISTANCES		
DOGHOUSE - SUB	WALL - WALL	57"
MUDTANK - SUB	WALL - WALL	64"
DOGHOUSE - COMBO	WALL - WALL	195"
MUDTANK - PUMP 1	SKID - SKID	66"
PUMP 1 - PUMP 2	WALL - WALL	59"
CATWALK - SUB	SKID - SKID	142"
CATWALK - TUB 1	WALL - WALL	84"
TUB 1 - TUB 2	WALL - WALL	60"
TUB 2 - TUB 3	WALL - WALL	60"
HPU - LIGHTPLANT	N/A	N/A
<i>TUB 4/5/6/7 LOADER DOOR OUT BOILER MAY TURN 90° HPU MAY RUN INSIDE COMBO</i>		
KB - GROUND	4.2m (13'-9")	
CELLAR CLEAR HEIGHT	3.74m (12'-3")	
WITH 6" PONY SUB		



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HODGSON

CUSTOMER

BONANZA DRILLING

PROJECT

RIG LAYOUTS

MODEL NO.

MT80-8.5-300 STIFF SGL.

DRAWING TITLE

RIG 7 LAYOUT

DWN. BY

L. WAUGHTAL

DATE

OCT 21, 2024

SCALE

1" = 12'-0"

CHK'D

KJP

APP.

RAH

DWG. NO.

H8446-07

REV.

0



Rig 7

Inventory Listing

3,500m / 11,500' Vertical

19 Loads - Summer

20 Loads - Winter

Draw works:	TSM 7000 (850hp) Rated for 144,000 daN / 325,000lbs, Powered by 1 - Detroit Series 60 (14L), w/6 speed Allison transmission. Auxiliary braking by Eaton 324-disc brake.
Mud Pump:	2 - F1000 triplex pump, powered by 2- Detroit Series 2000 (V-12-1005hp), w/XDR Pacific-Rim hydraulic clutch. Rated for 35,000 kPa / 5,000 psi.
Substructure:	Hodgson Substructure. Hydraulic Self Leveling. KB-Ground 4.3m / 14'1". Cellar Clear Height 4.30m (14'1")
Mast:	Hodgson Telescopic Range 3 Single Mast. Hydraulically raising (Max static hook load 144,000 daN / 325,000 lbs - 8 lines)
Top Drive:	Warrior 175 Split Block Top Drive with 2-Speed Haglund and Electric HPU (Max Static Load 155000 daN / 350,000 lbs). Max TD rotary @ 160rpm Max continuous torque @ 25,000 ft/lbs. Water-Course rated for 5000 psi
Table:	Rostel 17.5" / 444mm powered hydraulically-for auxiliary use only.
BOP's:	1 - 279mm X 21,000 kPa (11' x 3,000 psi) HECI Annular Preventer 2 - 279mm X 21,000 kPa (11' x 3,000 psi) Townsend Type 82 Single Gate Ram Preventers
Accumulator:	1 - 5 station 460L / 120 gal x 21,000 kPa / 3,000 psi PLC Control Drilling accumulator, with N2 backup system.
Mud Tanks:	1 - 75m3 / 450 bbl, 4 Compartment circulating system, with additional pill tank and trip tank. 2 - Agitators situated in suction tanks, low pressure system powered by 2 – 5" x 6" Mission Magnum C-pumps, one with 14" impellor for pumping aerated mud systems.
Solids Control:	1 - Derrick FLC 504 Shale shaker - 3.5m3/min / 900 gal/min Capacity.
Water Tank/Doghouse:	Hydraulic raising system-separate sub-storage room. Pason drilling recorder system. 60m3 / 400 bbl useable water tank.
Combination Building:	2 - 540kw Stamford powered by 2 - 685hp Detroit Series 60 (14L) engines. Monitoring provided by a Woodward panel, which also synchronizes the two generators, and allows them to run in series. Also houses Electric HPU for Top Drive
Catwalk:	Skate Catwalk, with hydraulic skate, and leveling racks attached. Also houses nace trim 52mm / 2" x 76mm / 3" x 21,000 kPa / 3,000 psi Manifold.
Fuel Tank:	12 - Man change shack with 35,000L / 9,200 gal TC-44 Fuel Tank
Pipe Tubs:	3 - Hydraulically controlled range 3 tubs 3 - Loader Accessible range 3 tubs

Last Edit Date: Jan 20/2025 - CV

Tubulars:

3,500m / 11,500' - 114.3 mm / 4 ½" x DS-40, S-135 R3 Drill pipe
6 - 159mm / 6 ¼" x 4 ½" XH, R3 Drill Collars
12 - 127mm / 5" x 3 ½" IF, R3 Drill Collars
Available - 114.3mm / 4 ½" x DS-40 R3 HWDP

Boiler:

1 - 125hp Hurst Boiler with self-contained 8m3 / 2,100 gal water tank.