

RIG 38



Primary Equipment



Major Systems	Secondary Systems
Drawworks National 80UE 1000HP Low Low rated 500,000# Hoisting Capacity (10) lines. w/twin GE 752 DC motor input	Wichita Air acuated/water-cooled 236 disc brake 1-1/4" WireRope 6 x 19 EIP IWRC
Prime Power Schlumberger (Omron) SCR System, 3 Generator Bays, 4 SCR Bays 3-Caterpillar 3508B w/Kato 902KW AC Generators	Cold Start air system, primary Rig Air supply, floor hoisting systems Fuel Capacity 18,000gal & Water Storage Capacity 500bbl
Mast/Substructure DSI 142' 650,000# Hook load, Slingshot Design 22.5' Sub w/RKB 18.5' Crown Block 6-50" Sheaves 1-1/4" Groove Fastline 1-60" 1-1/4" Groove Hydraulic Jack Skid System	Rotary load 650,000# Set Back 400,000 Tool Pusher and Crew quarters, rig matting boards
Top Drive - Traveling Block - Pipe Handling Varco TDS 10SA AC 250Ton YC225 250 Ton Traveling Block SJPetro 27 1/2" Rotary /Hydraulic Driven NOV ST-80 pipe handling system	Martin-Decker Type E, Pump SPM & PSI, Top Drive control, SCR system controls Manual Tongs, elevators, slips and clamps for Latshaw supplied DS
Mud Pumps 2 - Lewco WH-1312 1300 HP Triplex 5,000#WP PSI Fluid Ends and delivery system each driven by 2- GE-752 DC motor	Church Energy 3,000PSI Accumulator, 120 gal, 5 station w/remote 5-Oilworks 15HP Mud Agitators
Mud System 2 -Tank system (1,200bbl Capacity) 2 - Derrick Flow Line Shale Shakers	Derrick 2- 12" Cones w/5 x 6 Centrifugal driven by 100HP elect mtr Derrick DeSilter 12-4" Cones w/ 6 x 8 Centrifugal driven by 100HP elect mtr
BOP Stack Description 11" 5,000# Annular 11" 5,000# Double Ram	Type FC 4-1/1"6 5,000# x 2-1/16 5,000# Choke Manifold two manual Chokes
Drill String 8' and 6-1/2" Drill Collars 5" Drill Pipe	5" 19.5# G-105 Heavy weight Drill pipe

Annular

11" 5,000#WP

Double Ram

11" 5,000#WP Pipe

11" 5,000#WP Blind

With required adaptors

Mud Cross 11" 5,000#WP

Wing Valve 4 1/16" 5'000#WP

HCR Valve 4 1/16" 5,000#WP

2-Kill Valves 2 1/16" 5,000#WP

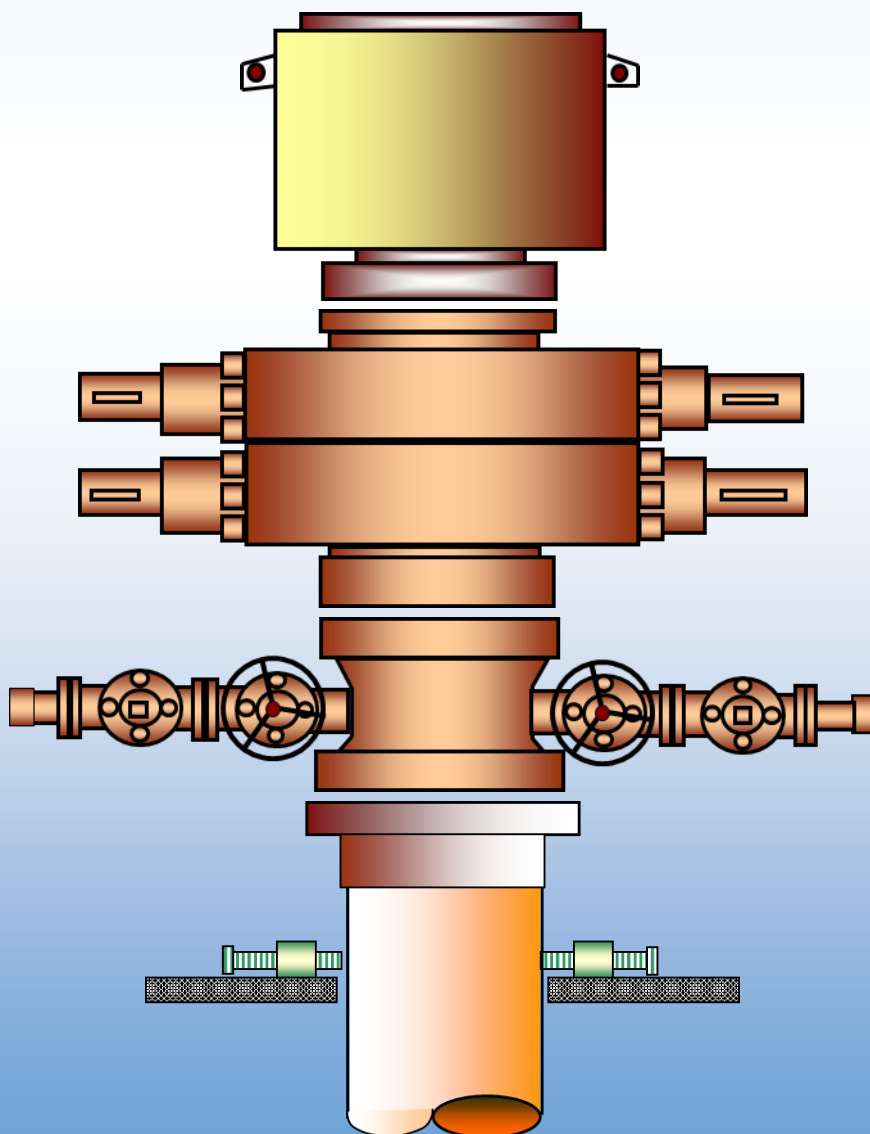
Check Valve 2 1/16" 5,000#WP

Choke Line 4 1/16" 5M Armored

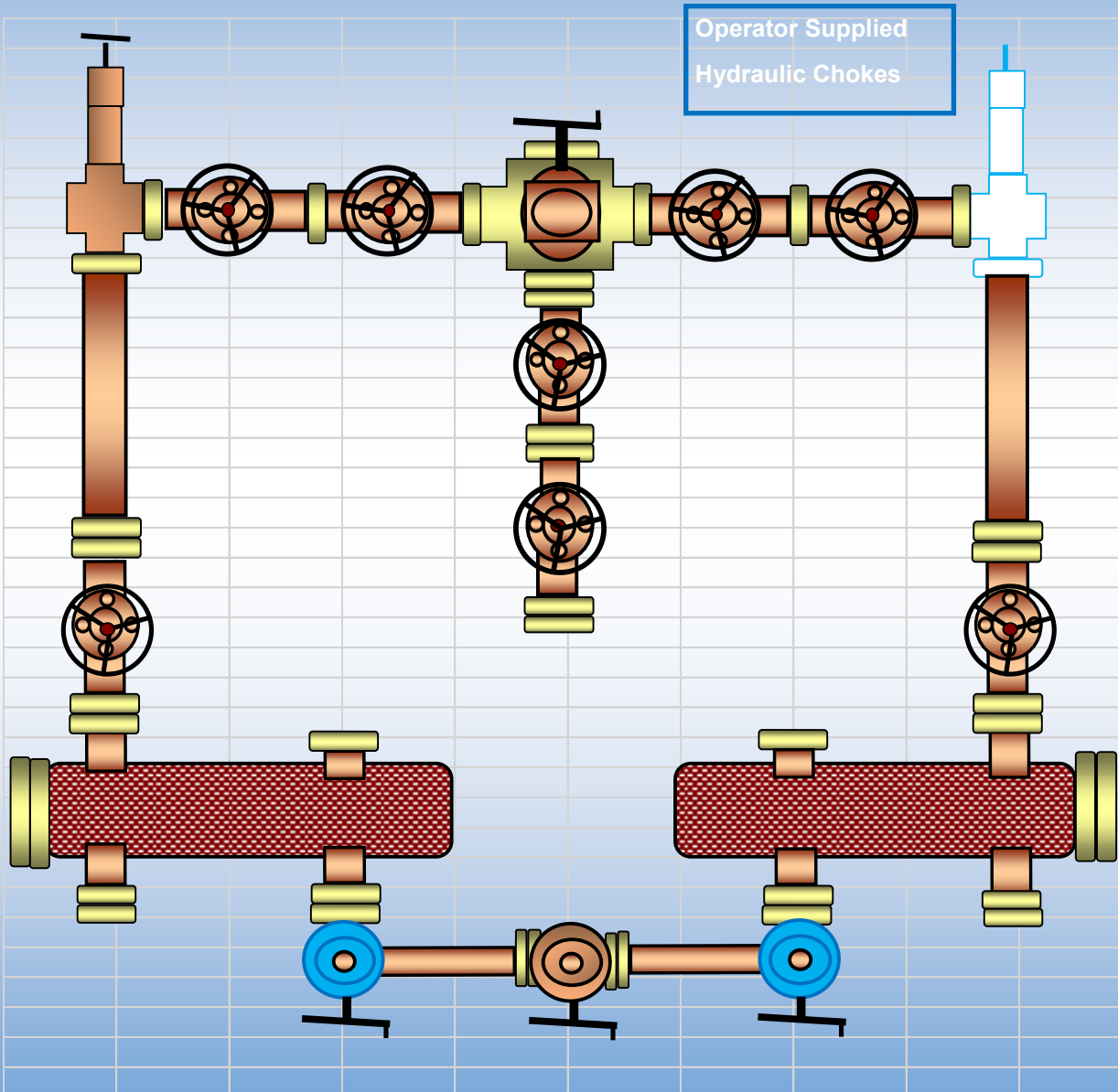
Kill Line 2 1/16" 5M Armored

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Latshaw
DRILLING



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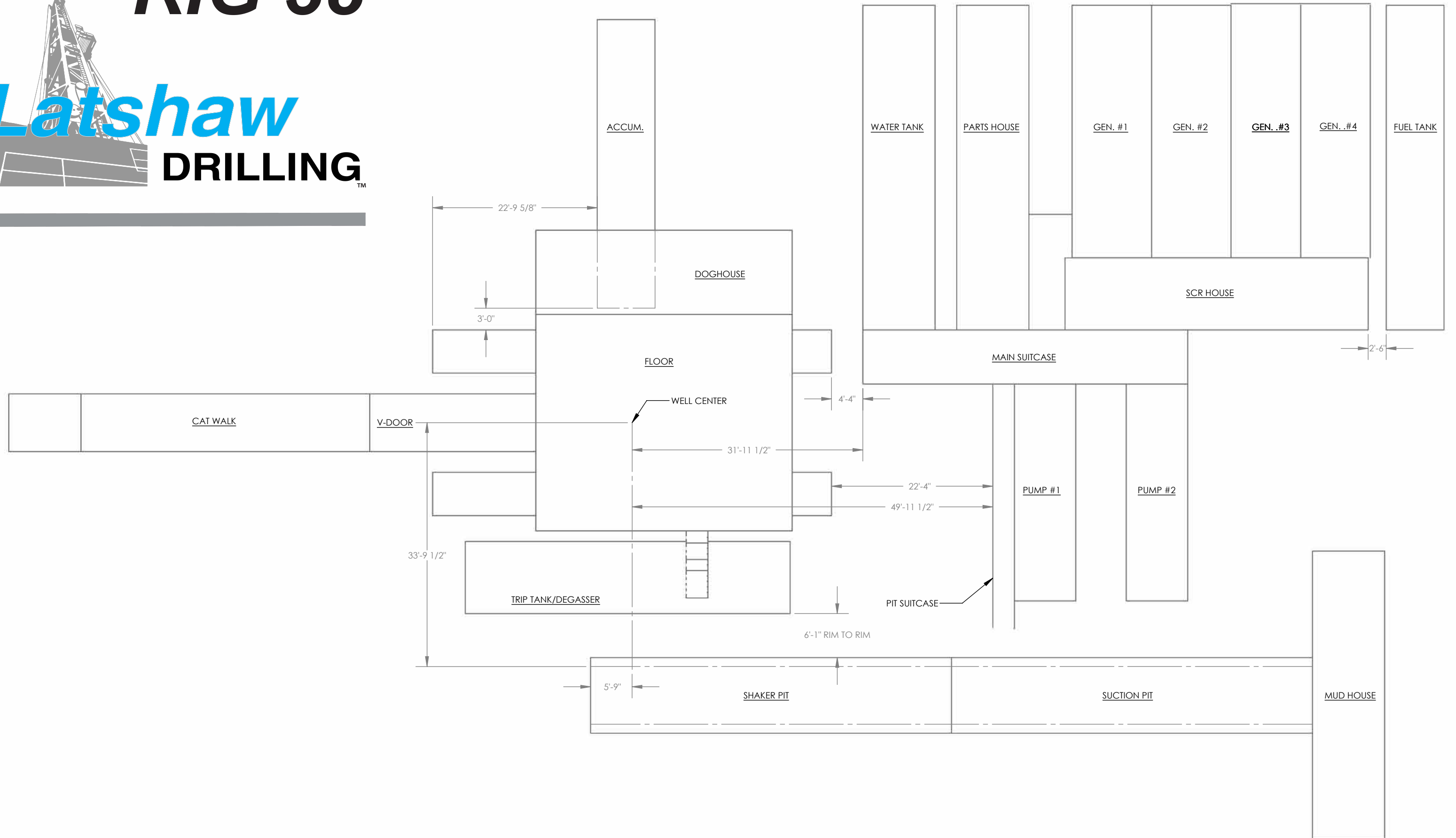


- 6 - Gate Valve 3 1/8" 5,000#WP
- 2 - Gate Valve 4 1/16" 5,000#WP
- 1 - Gate Valve 2 1/16" 5,000#WP
- 2 - Manual Adjustable Choke 3 1/10" 5,000#WP
- 2 - Spacer Spool, 3 1/8" 5 000#WP
- 1 - Studded Cross (5 way) 5M
- 1 - Instrument Flange and Gauge 5M
- 2-10 3/4" Buffer Chambers
- 3 - Blind Flanges, 3 1/8" 5M
- 1 - Bull plug/Hammer union Flange 3 1/8"5M
- 3 - 4" 900PSI Ball Valves

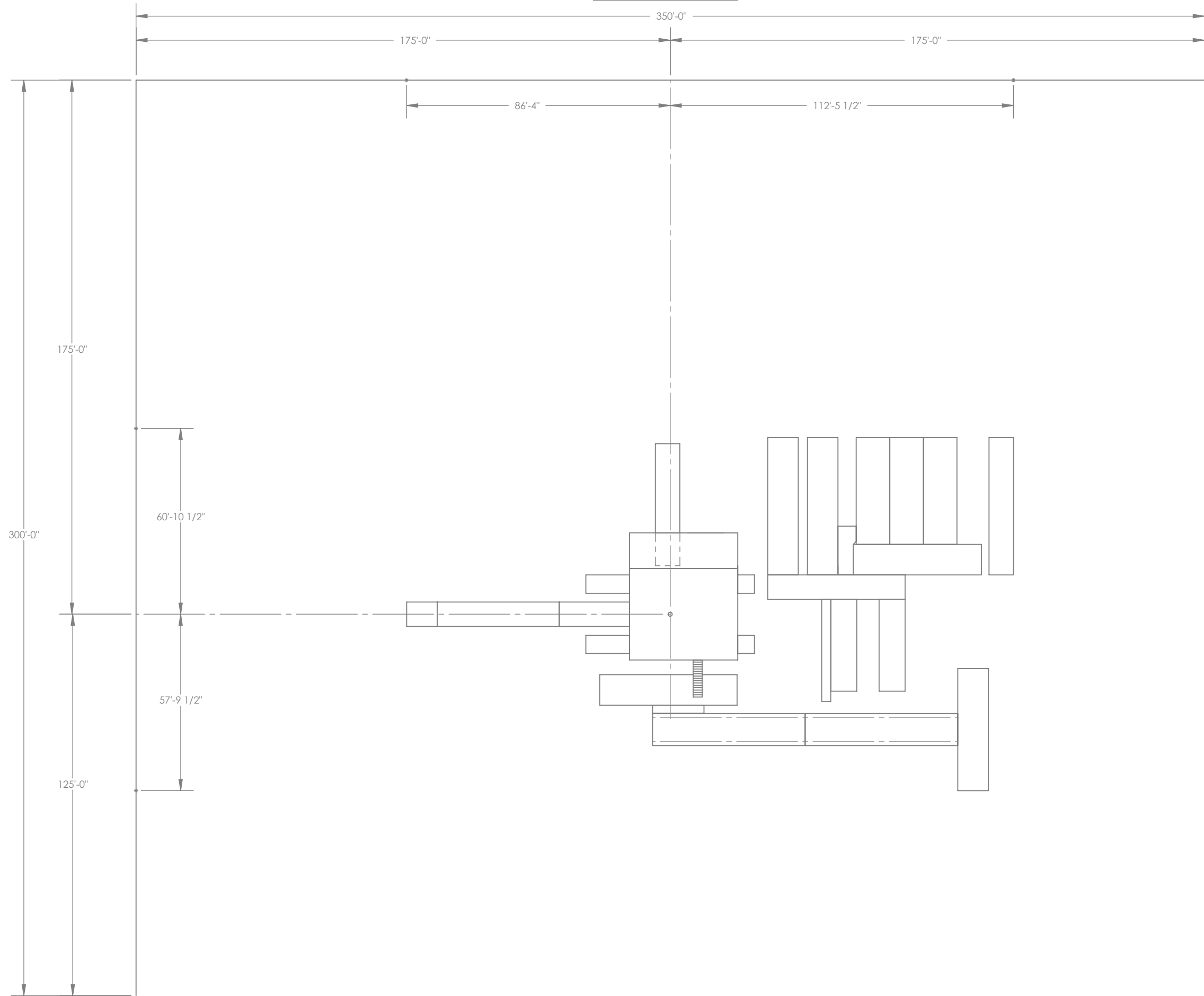
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PLAN VIEW



RIG PLAT



MOUSEHOLE/RATHOLE

NOTE: ALL DIMENSIONS ARE @ GROUND LEVEL.

FLOOR HEIGHT IS 21'-9".

SHORT MOUSEHOLE IS @ 1/2" PER FOOT & 8' DEEP.

LONG MOUSEHOLE IS @ 1/4" PER FOOT & 68' DEEP.

RATHOLE IS @ 7.63 DEGREES & 30' DEEP.
(RATHOLE IS NOT NEEDED WHEN TOP DRIVE IS USED)

