

NOTES:

-BUILD COMPLIES WITH CURRENT CODES: 2021 (IRC), INTERNATIONAL RESIDENTIAL 2021 (IS/SPSC) INTERNATIONAL SWIMMING POOL & SPA, AND THE 2023 (NEC) NATIONAL ELECTRIC CODE.

-STAIRS WILL BE BUILT IN ACCORDANCE WITH IRC R311.7 STAIRWAYS

-HANDRAILS WILL BE BUILT IN ACCORDANCE WITH IRC R311.7.7

-THE POOL BARRIER WILL COMPLY WITH SEC 305 OF IS/SPSC. GATES WILL SWING AWAY FROM THE POOL, SELF-CLOSING AND SELF LATCHING WITH LATCH AT 54" ABOVE GRADE ON THE OUTSIDE OF THE FENCE. NO VERTICAL GAPS GREATER THAN 4" O.C.

-POOL WATER SHALL BE BONDED (IF NOT USING UNDERWATER LIGHTS WITH METAL RINGS). REFERENCE 2023 NEC 680.26 EQUIPOTENTIAL BONDING (C) POOL WATER.

-ALL POOL PUMP MOTORS MUST BE GFCI PROTECTED. REFERENCE 2023 NEC 680.22 AREA LIGHTING, RECEPTACLES, AND EQUIPMENT. ANY ELECTRICAL OUTLETS AROUND THE POOL AND OUTDOOR KITCHEN WILL BE WATERPROOF AND A MINIMUM OF 5' AWAY FROM WATER'S EDGE.

-THE POOL DRAINS ARE VGBA COMPLIANT (VIRGINIA GRAEME BAKER POOL AND SPA SAFETY ACT. SEE COMPLIANCE FORM ATTACHED.

-WE WILL MAINTAIN THE REQUIRED WORKING SPACE AROUND THE POOL EQUIPMENT CONTROL PANEL. 3 FEET CLEARANCE IN FRONT OF PANELS PER 2023 NEC 110.26 SPACESABOUT ELECTRICAL EQUIPMENT (A) WORKING SPACE (1) DEPTH OF WORKING SPACE. AND (2) 30" WIDTH OF WORKING SPACE.

-DRAINAGE WILL NOT ADVERSELY IMPACT ADJOINING LOTS.

-AN AUDIBLE ALARM, LISTED AND LAVELED IN ACCORDANCE WITH UL 2017 WILL BE INSTALLED ON ALL REQUIRED DOORS AND WINDOWS FACING THE POOL.. THE DEACTIVATION SWITCH(ES) ARE LOCATED AT LEAST 54" ABOVE THE THRESHOLD OF THE DOOR AND WINDOWS. THE DOORS AND WINDOWS ARE IN COMPLIANCE WITH SECTION 305.4 #1 OUT OF THE 2021 IS/SPSC, AND LABELED AS WATER HAZARD ENTRANCE ALARM..

-EQUIPMENT AND COVERS FOR OUTDOOR HEATED POOL/SPA COMPLIES WITH 2021 IECC REQUIREMENTS.

-PER SECTION 305.4 #1 OUT OF INTERNATIONAL SWIMMING POOL AND SPA CODE, OPERABLE WINDOWS HAVE A SILL HEIGHT OF LESS THAN 48" ABOVE THE INDOOR FINISHED FLOOR AND DOORS SHALL HAVE AN ALARM THAT PRODUCES AN AUDIBLE WARNING WHEN THE WINDOW, DOOR, OR THEIR SCREENS ARE OPENED.

*POOL CONTRACTOR TO USE BUILDER'S CONSTRUCTION FENCE.

-POOL CONTRACTOR TO USE HOME BUILDER'S SILT FENCE.

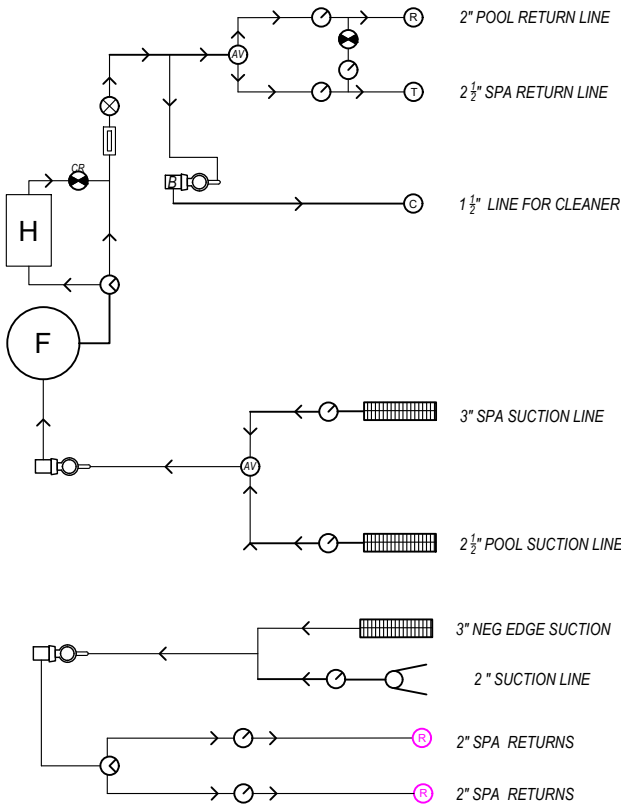
-POOL CONTRACTOR TO USE HOME BUILDER'S CHEMICAL TOILET.

-POOL BUILDER TO USE HOME BUILDER'S ACCESS.

-POOL BUILDER TO USE HOME BUILDER'S MATERIAL STAGING AREA.

*POOL BUILDER TO USE HOME BUILDER'S SPOILS AREA TO BE HAULED OFF.

PLUMBING SCHEMATIC



SYMBOL LEGEND

SYMBOL		QTY
	RETURN	4
	THERAPY JETS	6
	NEG. EDGE RETURN	2
	CLEANER LINE	1
	VAC LINE	1
	2 WAY VALVE	6
	3 WAY VALVE	2
	CHECK VALVE	2
	ACTUATOR VALVE	3
	PUMP	3
	CHLORINATOR	1
	SKIMMER	1*
	FILTER	1
	HEATER	1
	AUTO-FILL	1
	LIGHT	9
	ELEVATION	
	FINISH COPING ELEVATION	
	FINISH FLOOR ELEVATION	
	ACCESS	

*IF ENVIRONMENTAL FACTORS DETERMINES IT NEEDS ONE.

POOL, SPA, NEG. EDGE BASIN INFORMATION:

POOL SIZE: 42'-0" X 18'-0"	SPA SIZE : 8'-0" X 8'-0"
S.A.: ~675 SF PER: 120 LF	S.A.: 64 SF PER: 32 LF
DEPTHS: 3'-6" - 6'-0"	DEPTH: 3'-6"
I.A.: ~1160 SF GAL: ~19,800	I.A.: ~145 SF GAL: ~970

NEG. EDGE BASIN: 42'-0" X 4'-0"

S.A.: 168 SF PER: 92 LF	
I.A.: ~821 SF GAL: ~4,700 SF	
DEPTH: 4'-0"	LIGHTS: 4

GENERAL:

STEPS: 18 SQ.FT	SUN SHELF: 63 SQ.FT.
POOL BENCHES: 18 LF (PER PLAN)	SPA BENCHES: ~32 SQ.FT. (PER PLAN)
BASIN SUNSHELF: N/A	BASIN STEPS: 3 STEPS (PER PLAN)

PLUMBING: PIPES: SCHEDULE 40 (EXPOSED MANIFOLD TO BE PAINTED W/ UV PROTECTED PAINT)

POOL RETURNS: 2"	SPA RETURNS: (6) 2 1/2" LOOPED
POOL DRAINS: 2 1/2"	SPA DRAINS: 3"
NEG. EDGE DRAIN: 3"	NEG EDGE RETURNS: 2"
RPZ: (1) WATTS 007 DOUBLE CHECK VALVE	OVERFLOW LINE: INCLUDED

ELECTRIC: COMPLETE ELECTRICAL CONNECTION OF ALL EQUIPMENT & LIGHTING. INCLUDES ALL IN-GROUND SERVICE W/ ALL TERMINATIONS, GROUNDING, BONDING & MECHANICAL INTALLATION. ALL ELECTRICAL SHALL MEET LOCAL AND NATIONAL STANDARDS. 8 AWG BOND WIRE AROUND POOL. SAFETY INSPECTIONS INCLUDED.

STEEL: PER ENGINEERING

EXCAVATION: DBL HANDLE ACCESS: BUILDER SPECIFIED
COMPLETE EXCAVATION; MATERIAL TO BE HAULED OFF; EQUIPMENT TRENCH INCLUDED;

GUNITE: PER ENGINEERING

TILE: 6" POOL WATERLINE AND SPILLOVER AT POOL NEGATIVE EDGE, WATERLINE AT NEG. EDGE BASIN AND NEGATIVE EDGE WALL. BASIN WATER LINE TO BE 18".
TILE: MORTAR BED - LATICRETE. 3701 FORTIFIED BED; THIN SET- LATICRETE 254 PLATINUM: GROUT- LATICRETE SPECTRALOCK.

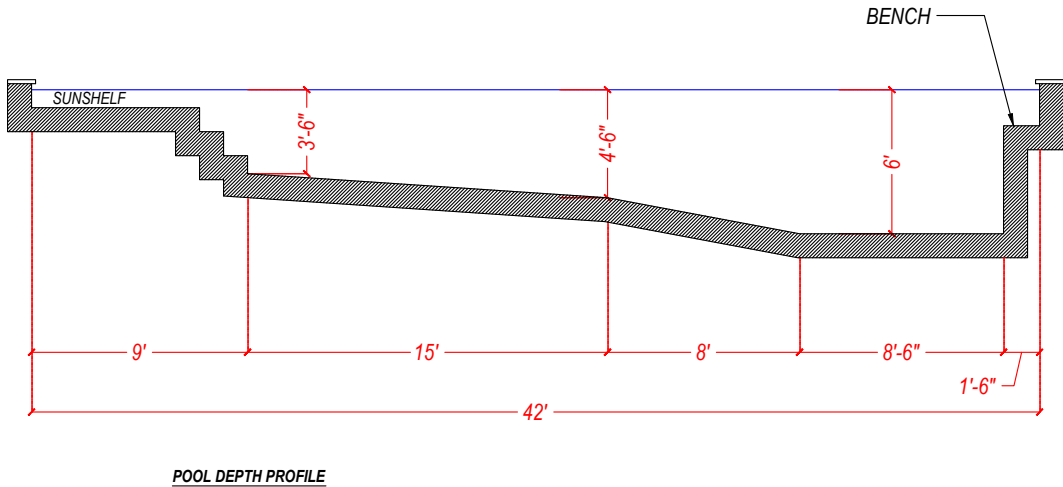
DECK: BY BUILDER.

POOL DECK: BY BUILDER

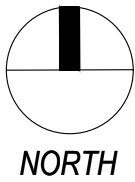
EQUIPMENT:

AUTOMATION: PENTAIR INTELLICENTER WITH PHONE APP (WITH FREEZE PROTECTION)
FILTER PUMP: PENTAIR VSF
NEG. EDGE PUMP: PENTAIR VSF
CLEANER: PENTAIR RACER WITH BOOSTRITE
FILTER: PENTAIR FNSP60 DE FILTER
HEATER: PENTAIR MASTER TEMP 400,000 BTU PROPANE OF NG (INCLUDES CONNECTION)
BLOWER: AIR SUPPLY 2 HP
SANITIZER: CMP POWERCLEAN ULTRA AUTO CHLOR
SANITIZER 2: PARAMOUNT UV LIGHT & OZONE
LIGHTS: (9) MICROBRITES-COLORED LUMENS: 700 LUMENS / LIGHT
POOL LIGHTS: 4 SPA LIGHTS: 1 NEG.EDGE LIGHTS 4
DRAINS: (3) A & A AVSC CHANNEL & PLASTER TOP (VGBA COMPLIANT)
FLOW RATE/TURNOVER: 120 GPM, 6HR TURNOVER
RPZ: (1) WATTS 007 DOUBLE CHECK VALVE AUTO FILL: CMP AUTO-FILL
OVERFLOW LINE: INCLUDED VALVES: PREMIUM JANDY STYLE VALVES
SKIMMER: (2) CMP INDEPENDENTLY PLUMBED W/ WATER BOND

ONLY IF ENVIRONMENTAL FACTORS REQUIRE THE SKIMMER.



POOL DEPTH PROFILE



REVISION #:	2
REV DATE:	02/22/2025
JOB NAME:	RDS SPEC HOME
SCALE:	NTS
SHEET:	NOTES

CUST: CANYON CUSTOM BUILDERS	
ADD: NA	
CITY: DRIPPING SPRINGS, TX	ZIP: 78620
LOT: BLK: SEC: SUBDIVISION:	
SALES: PARCEL:	
COMPANY: CANYON CUSTOM BUILDERS	DATE: 02/02/2025

PLUMBING MAY CHANGE DEPENDING ON LOCATION.



CUST: CANYON CUSTOM BUILDERS
ADD: NA
CITY: DRIPPING SPRINGS, TX ZIP: 78620
LOT: _____ BLK: _____ SEC: _____ SUBDIVISION: _____
DRAWINGS: EDGE CUSTOM POOLS PARCEL: _____
COMPANY: CANYON CUSTOM BUILDERS DATE: 02/02/2025

ELEVATIONS

EAST ELEVATION



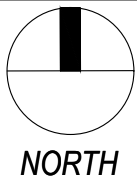
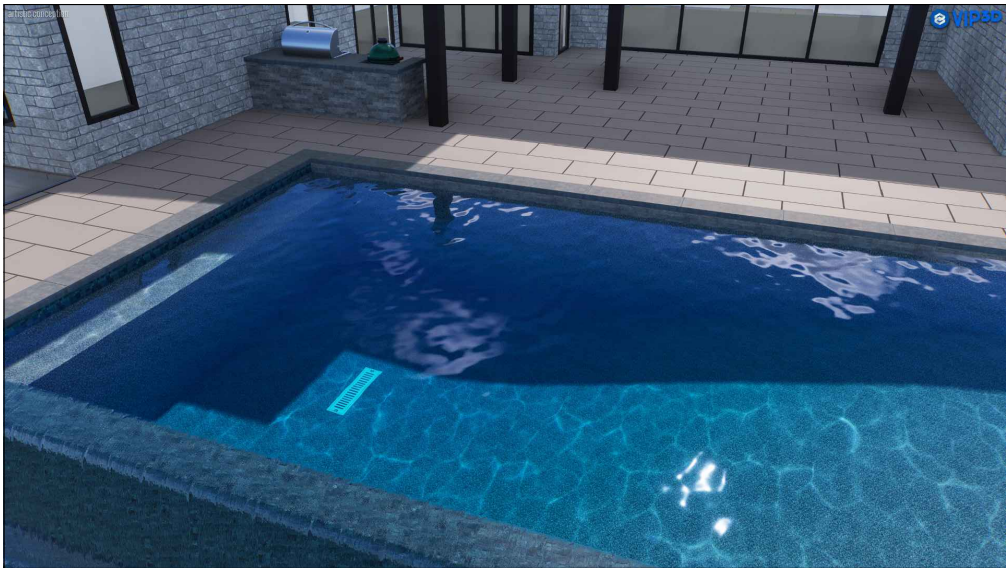
SOUTH ELEVATION



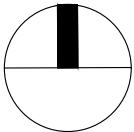
WEST ELEVATION



DETAILS



REVISION #:	2	CUST: CANYON CUSTOM BUILDERS
REV DATE:	02/22/2025	ADD: NA
JOB NAME:	RDS SPEC HOME	CITY: DRIPPING SPRINGS, TX ZIP: 78620
SCALE:	NTS	LOT: BLK: SEC.: SUBDIVISION:
SHEET:	2	SALES: PARCEL:
		COMPANY: CANYON CUSTOM BUILDERS DATE: 02/02/2025

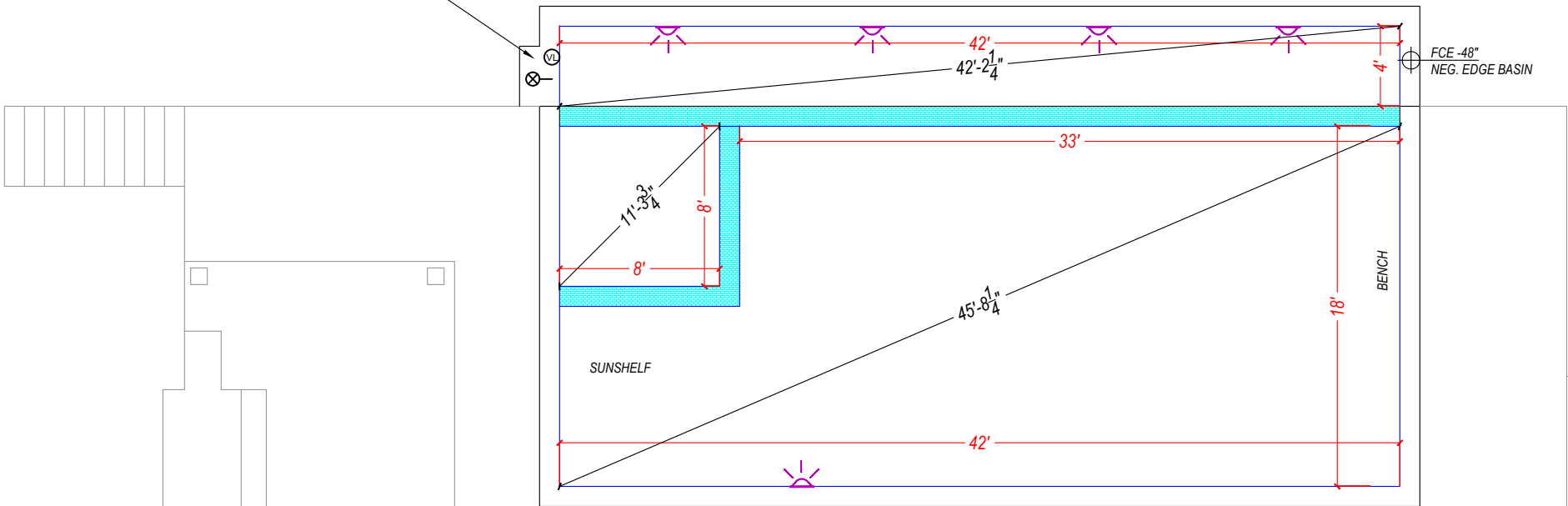


NORTH

REVISION #:	2
REV DATE:	02/22/2025
JOB NAME:	RDS SPEC HOME
SCALE:	
SHEET:	SURVEY

CUST: CANYON CUSTOM BUILDERS	
ADD: NA	
CITY: DRIPPING SPRINGS, TX	ZIP: 78620
LOT: _____BLK: _____SEC.: _____	SUBDIVISION: _____
SALES: _____	PARCEL: _____
COMPANY: CANYON CUSTOM BUILDERS	DATE: 02/08/2025

LOCATION OF SKIMMER IF NEEDED



RDS SPEC HOME



REVISION #:	2
REV DATE:	02/22/2025
JOB NAME:	RDS SPEC HOME
SCALE:	$\frac{1}{8}" = 1'$
SHEET:	LAYOUT

CUST: CANYON CUSTOM BUILDERS
ADD: NA
CITY: DRIPPING SPRINGS, TX ZIP: 78620
LOT: _____ BLK: _____ SEC.: _____ SUBDIVISION: _____
SALES: _____ PARCEL: _____
COMPANY: CANYON CUSTOM BUILDERS DATE: 02/02/2025