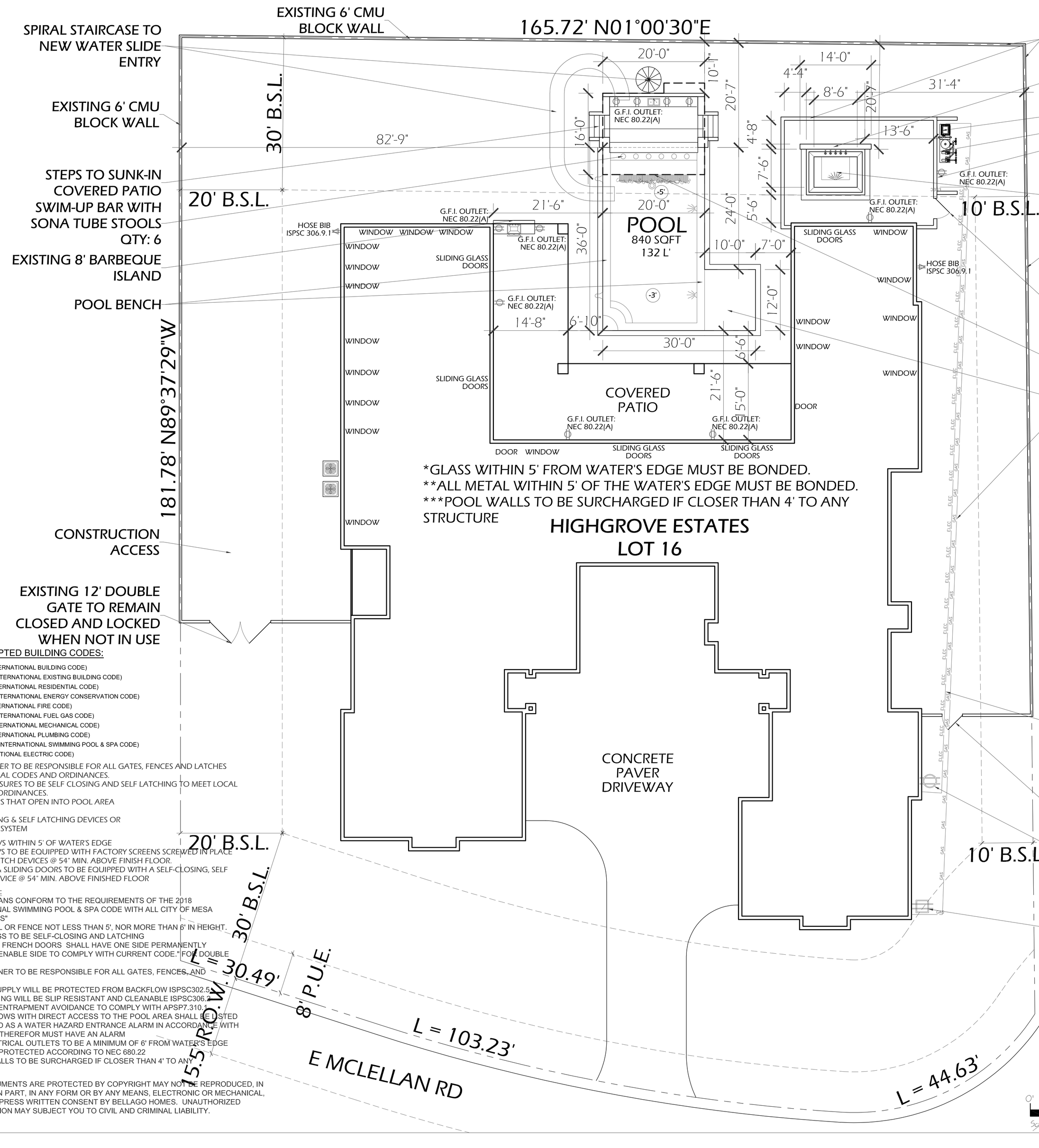

POOL SPECIFICATIONS

POOL SURFACE AREA	840 SQFT
POOL PERIMETER	3'-4'-5'
POOL DEPTHS:	132 L'
POOL IA:	880
POOL GALLONS:	22,000
SPA SURFACE AREA	51 SQFT
SPA PERIMETER	29 L'
SPA AVE DEPTH:	4'
SPA IA:	167
SPA GALLONS:	1,525

POOL SHOTCRETE

POOL STEPS	16 L'
POOL BENCH	79 L'
SPA BENCH @ -21 B.B. , SPA DEPTH @ -48" B.B.	14'-6"
RAISED +18" PERIMETER OVERFLOW SPA	37 L'
POOL SUN SHELF	120 SQFT
SWIM UP BAR SHELF @ -3' B.B. , WITH (6) SONA TUBE STOOLS	43 SQFT
SWIM UP BAR RAISED BEAM	17'-4"

POOL ELECTRICAL

PANEL RUN TO PUMP	130 L'
POOL BRASS RUN	85 L'
SPA BRASS RUN	40 L'

POOL COMPONENTS

SYMBOL	TYPE / COLOR	QUANTITY
	SKIMMER	2
	MDX	1
	2" ROUND COPPER SCUPPERS ON RAISED FEATURE WALL	5
	INTELLI CONNECT MICROBRITES	2
	LED SPA LIGHT	1
	12' RAIN CURTAIN	1

MESA ADOPTED BUILDING CODES:

2018 IBC (INTERNATIONAL BUILDING CODE)
2018 IEBC (INTERNATIONAL EXISTING BUILDING CODE)
2018 IRC (INTERNATIONAL RESIDENTIAL CODE)
2018 IECC (INTERNATIONAL ENERGY CONSERVATION CODE)
2018 IFC (INTERNATIONAL FIRE CODE)
2018 IFGC (INTERNATIONAL FUEL GAS CODE)
2018 IMC (INTERNATIONAL MECHANICAL CODE)
2018 IPC (INTERNATIONAL PLUMBING CODE)
2018 ISPSC (INTERNATIONAL SWIMMING POOL & SPA CODE)
2017 NEC (NATIONAL ELECTRIC CODE)

*HOME OWNER TO BE RESPONSIBLE FOR ALL GATES, FENCES AND LATCHES TO MEET LOCAL CODES AND ORDINANCES.
**ALL ENCLOSURES TO BE SELF CLOSING AND SELF LATCHING TO MEET LOCAL CODES AND ORDINANCES.
***ALL DOORS THAT OPEN INTO POOL AREA MUST HAVE:
1. SELF CLOSING & SELF LATCHING DEVICES OR
2. AN ALARM SYSTEM

-NO WINDOWS WITHIN 5' OF WATER'S EDGE
ALL WINDOWS TO BE EQUIPPED WITH FACTORY SCREENS SCREWED IN PLACE AND/OR A LATCH DEVICES @ 54" MIN. ABOVE FINISH FLOOR.
-ALL DOORS & SLIDING DOORS TO BE EQUIPPED WITH A SELF-CLOSING, SELF LATCHING DEVICE @ 54" MIN. ABOVE FINISHED FLOOR

POOL NOTES:
1.) THESE PLANS CONFORM TO THE REQUIREMENTS OF THE 2018 INTERNATIONAL SWIMMING POOL & SPA CODE WITH ALL CITY OF MESA AMENDMENTS"
2.) NEW WALL OR FENCE NOT LESS THAN 5', NOR MORE THAN 6' IN HEIGHT. ALL OPENINGS TO BE SELF-CLOSING AND LATCHING
3.) "EXISTING FRENCH DOORS SHALL HAVE ONE SIDE PERMANENTLY SECURE, OPENABLE SIDE TO COMPLY WITH CURRENT CODE." FOR DOUBLE DOORS.
4.) HOMEOWNER TO BE RESPONSIBLE FOR ALL GATES, FENCES, AND LATCHES
5.) WATER SUPPLY WILL BE PROTECTED FROM BACKFLOW ISPSC302.5
6.) ALL DECKING WILL BE SLIP RESISTANT AND CLEANABLE ISPSC306.2
7.) SUCTION ENTRAPMENT AVOIDANCE TO COMPLY WITH APSP7.310.1
8.) ALL WINDOWS WITH DIRECT ACCESS TO THE POOL AREA SHALL BE LISTED AND LABELED AS A WATER HAZARD ENTRANCE ALARM IN ACCORDANCE WITH UL 2017 AND THEREFOR MUST HAVE AN ALARM
9.) ALL ELECTRICAL OUTLETS TO BE A MINIMUM OF 6' FROM WATER'S EDGE AND G.F.C.I. PROTECTED ACCORDING TO NEC 680.22
10.) POOL WALLS TO BE SURCHARGED IF CLOSER THAN 4' TO ANY STRUCTURE.

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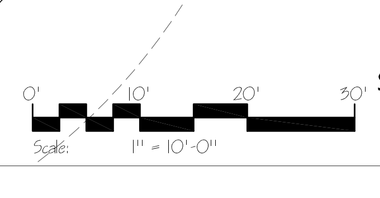
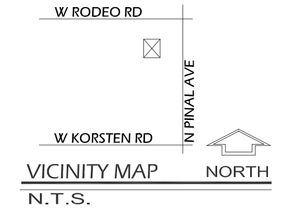
HIGHGROVE ESTATES

4122 E MCLELLAN RD
LOT16
MESA AZ 85205
JURISDICTION: MESA
LOT SIZE (SQ FT): 33,344
MCR #: 434-07
SUBDIVISION: HIGHGROVE ESTATES
LOT #: 16





Contact Arizona 811 at least two full working days before you begin excavation
ARIZONA811
Call 811 or click Arizona811.com

REVISIONS	BY
–/–/2025	BW

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BELLAGO HOMES
"It's All About the Details"
1806 N LINDSAY RD MESA AZ 85213
WFUNK@BELLAGOHOMES.COM

CLIENT NAME:
LOT 16 HIGHGROVE ESTATES

PROJECT ADDRESS:
4122 E MCLELLAN RD
MESA AZ 85205

DATE: 10/04/2025
SCALE: 1:10
DESIGNER: DR
DRAFTER: BW

PERMIT PLAN

SHEET:
1 OF 1