CONSTRUCTION SPECIFICATIONS: GENERAL:

- CONTRACTOR SHALL PROVIDE AND PAY ALL NECESSARY FEES AND PERMITS WITH THE CITY OF SANTA ROSA. 2, NO GUARANTEE IS INTENDED THAT UNDERGROUND OBSTRUCTIONS NOT SHOWN ON THE PLANS
- MAY BE ENCOUNTERED. THOSE SHOWN ARE BASED ON THE BEST AVAILABLE INFORMATION. ECHELON POOLS ASSUMES NO RESPONSIBILITY FOR ANY OBSTRUCTIONS EITHER SHOWN OR NOT SHOWN ON THESE PLANS.
- 3. ALL TOPOGRAPHIC SURVEY INFORMATION PROVIDED BY SANTA ROSA GIS. CONTRACTOR SHALL VERIFY CONDITIONS AND LOCATIONS OF ANY UTILITIES PRIOR TO CONSTRUCTION BY POTHOLING.
- 4. CALL UNDERGROUND SERVICE ALERT (USA) 48 HOURS PRIOR TO CONSTRUCTION AT 1-800-642-2444. 5. ALL COMPACTION AND FILL AREAS INSTALLED SHALL BE TESTED AND APPROVED BY
- GEOTECHNICAL ENGINEER. OWNER SHALL PAY FOR ENGINEERING SERVICES. ADDITIONAL TESTING FOR FAILED AREAS OF WORK SHALL BE PAID FOR BY THE CONTRACTOR. 6, PROVIDE CONCRETE, TILE, GROUT, AND STONE PAVING SAMPLES W/ PROPER FINISH TO OWNERS
- AND LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION. 1. STRIP ALL TOP SOIL FROM AREAS OF CONSTRUCTION AND STOCK PILE FOR LATER USE. (DO NOT OFF-HAUL UNLESS NOTED OTHERWISE).

DEMOLITION NOTES:

- THE CONTRACTOR SHALL PERFORM ALL CLEARING, DEMOLITION AND SITE PREPARATIONS NECESSARY FOR THE PROPER EXECUTION OF ALL WORK SHOWN IN THESE PLANS AND AS DESCRIBED IN THE SPECIFICATIONS AND GEOTECHNICAL REPORT. 2. STRIP SOIL AND STOCKPILE UPHILL OF LIMIT OF WORK FOR RE-USE IN LANDSCAPE AREAS,
- COVER BEFORE RAINS, 3. PROTECT (E) UTILITIES, SEPTIC SYSTEMS, EXPANSION AREAS AND PROPERTY FROM DAMAGE, CONTRACTOR SHALL REPAIR ALL DAMAGE TO EXISTING CONDITION, AT NO ADDITIONAL
- EXPENSE TO OWNERS. 4. THE BEST TRENCHING ROUTES SHALL BE SELECTED THAT HAVE THE LEAST IMPACT ON EXISTING TREES AND ROOT SYSTEMS.
- 5. ALL TREES, ROOTS VEGETATION AND ORGANIC SURFICIAL SOIL SHALL BE REMOVED FROM ALL STRUCTURAL AREAS UNLESS SPECIFIED OTHERWISE BY THE SOILS ENGINEER. THE DEPTH OF ORGANIC SURFICIAL SOIL TO BE REMOVED WILL BE RECOMMENDED IN THE FIELD BY THE SOILS ENGINEER OR REPRESENTATIVE, BUT IN GENERAL, WILL PROBABLY VARY FROM ABOUT
- 12" TO 18". 6. ALL SOIL DEEMED SOFT OR UNSUITABLE BY THE GEOTECHNICAL ENGINEER OR REPRESENTATIVE SHALL BE REMOVED. ALL LOOSE FILLS AND SURFACE SOILS SHALL ALSO BE EXCAVATED OR REMOVED.
- 1. CONTRACTOR WILL BE RESPONSIBLE FOR IMPORT OR EXPORT OF MATERIAL TO OBTAIN FINISHED GRADES ON DRAWINGS. 8. ANY ABANDONED UNDERGROUND STRUCTURES SUCH AS OLD FOUNDATIONS, ABANDONED
- PIPELINES, ETC. SHALL BE REMOVED FROM THE SITE. 9, SAW CUT AND REMOVE ASPHALT OR CONCRETE AS REQ'D TO INSTALL NEW WORK AND

UNDERGROUND UTILITIES. DRAINAGE:

- VERIFY ALL EXISTING AND PROPOSED DRAINS AND PIPES ARE CLEAR AND PROPERLY WORKING PRIOR TO BACKFILLING. NOTIFY PROJECT LANDSCAPE ARCHITECT IN WRITING OF ANY PROBLEMS PRIOR TO CONSTRUCTION.
- 2. ALL DRAIN PIPES AND DRAINAGE FACILITIES MUST BE TESTED & OBSERVED BY OWNER PRIOR TO BACKFILLING. 3. ALL DRAIN PIPES SHALL BE SDR 35 OR SCH. 40 PVC AND INSTALLED WITH A MINIMUM OF .5%
- SLOPE AND 18" OF COVER (SEE GRADING PLAN). 4. PROVIDE SANITARY SWEEPS WITH THREADED CAP AT ALL END RUNS OF SUB-DRAINS (NOT
- SHOWN ON PLAN) SEE DETAIL ON SHT L5.0.
- 5. ALL HARD SURFACE PAVING SHALL SLOPE AT 1% MINIMUM AND SOIL SWALES SHALL SLOPE AT 1.5% MINIMUM, INSTALL ALL DRAIN INLETS PER DETAILS ON SHT. 1.5.0. 6. THE ROOF DOWN-SPOUTS INTO SOLID DRAINAGE PIPE SYSTEMS, (NOT SHOWN ON PLAN) THE ROOF DOWN-SPOUTS INTO SOLID DRAINAGE PIPE SYSTEMS, (NOT SHOWN ON PLAN)
- DRAINAGE SYSTEM MAINTENANCE:
- THE DRAINAGE SYSTEM IS TO BE MAINTAINED BY THE OWNER. 2. INSPECTION OF THE DRAINAGE SYSTEM IS TO BE DONE DURING THE RAINY SEASON AND ONCE PRIOR TO THE IRAINY SEASON (OCT. 15).
- 3. ANY PROBLEMS TO THE SYSTEM MUST BE REPORTED TO THE LANDSCAPE ARCHITECT. CONCRETE WORK:
- FORMS & ELEVATIONS SHALL BE SET BY CONTRACTOR OR LICENSED SURVEYOR AND OBSERVED BY LANDSCAPE ARCHITECT PRIOR TO POURING CONCRETE. PROVIDE 48 HOURS
- NOTICE FOR SITE OBSERVATIONS. 2. ALL PAVED IN PLACE CONCRETE SHALL BE SIX SACK MIX COLORED W/ DAVIS COLOR, "SANDSTONE" @ 3/4 LB/SAC. PROVIDE ACID ETCH FINISH, PROVIDE SAMPLE FOR APPROVA
- PRIOR TO CONSTRUCTION. 3. CONCRETE EXPANSION JOINTS SHALL BE A MINIMUM OF 3/8" X 4" FELT W/ CAULKING TO MATCH MORTAR OR CONCRETE COLOR. PROVIDE SAMPLES FOR APPROVAL, LOCATE EXP. JOINTS BETWEEN CONCRETE FOUNDATIONS, POOL COPING, AND FLATWORK SLABS OR AS SHOWN ON
- PLANS. PROVIDE 1/8" × 1" DEEP CONTROL JOINTS AS SHOWN ON PLAN. 4. SEE GEO-TECHNICAL REPORT AND STRUCTURAL PLANS FOR FOOTING AND RETAINING WALL DETAILS, BY STRUCTURAL ENGINEER/ OWNER,
- 5. CAULKING COLOR FOR EXPANSION JOINTS TO MATCH MORTAR AND TOP WITH WASHED SAND WHEN WET. (PROVIDE SAMPLE PRIOR TO INSTALLATION).

MASONRY: 1. PAVING:

- A. ALL FLAT WORK SHALL BE "FARMER'S GOLD" (FROM SBI MATERIALS, WINDSOR, CA. MICK WELLS 107-925-0126). PAVING SHALL BE LAID IN A SQUARE PATTERN PER PLAN, AND BE A MINIMUM OF I "THICK & 24" X 24" IN SIZE, 3/8"-1/2" GROUT JOINTS, GRAY COLOR, WITH RIVER SAND. MORTAR SET ALL STONE WITH THIN SET & MORTAR ADHESIVE, PER SUPPLIERS RECOMMENDATION.
- B. ALL STEPS AND CAPS SHALL BE PIONEER STONE NATURAL CLEFT TOPS & SIDES, W/ EASED SQ. EDGE. . SEE DETAILS FOR DIMENSIONS.
- STEPS SHALL BE $2" \times 16" \times 30"$ WALL CAP STONES - SHALL BE 2" × 18" × 30"
- FIRE PIT SHALL BE 2" × 12" CURVED
- 2. POOL COPING:
- A. ALL COPING PIONEER STONE FLAMED FINISH (TOP) & LONG SIDE (1) SQUARE NOSE W/ EASED EDGES (1) LONG SIDE. SEE DETAILS FOR DIMENSIONS, WIDENED BOND BEAM COPING - SHALL BE 2" X 30" X 30". ALL OTHER COPING INCLUDING POOL COVER - SHALL BE 2" imes 24" imes 3Ø"

3. PRECAST PAVERS:

UNILOCK PAVERS 1-800-864-5625. REFER TO DETAILS ON SHEET LG.I, DETAIL G FOR MODEL NAME AND COLOR (PROVIDE SAMPLE PATTERN & LAYOUT W/ OWNER & LANDSCAPE ARCHITECT, PRIOR TO SETTING.).

EROSION CONTROL:

CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES PRIOR TO OCTOBER 15TH, WORK SHALL INCLUDE PLACEMENT OF SILT BARRIERS, FIBER ROLLS AND OTHER MEASURES TO CONTROL SEDIMENT FROM LEAVING SITE OR ENTERING WATERWAYS.

STUCCO FINISH:

COLOR OF STUCCO FINISH ON SEATWALLS, CURB, AND RAISED BOND BEAMS TO MATCH HOUSE COLOR.

METAL FABRICATION SPECIFICATIONS

- ALL STRUCTURAL WELDED STEEL MUST BE APPROVED BY A CERTIFIED WELDING INSPECTOR OR EQUAL PROFESSIONAL. CONTRACTOR SHALL PAY FOR & COORDINATE THESE INSPECTIONS & PERMITS.
- 2. SEE ALL STRUCTURAL CALCULATIONS, FOOTINGS & STEEL REINFORCING PROVIDED BY
- STRUCTURAL ENGINEER. 3. USE STAINLESS STEEL OR GALVANIZED STEEL FOR ALL HARDWARE AND STRUCTURAL POSTS.
- APPLY PRIMER AND (2) FINISH COATS OF PAINT. 4. PRE-DRILL & FIT ALL FASTENER PENETRATIONS AND WELDED CONNECTIONS PRIOR TO
- POWDER COATING. 5. CONTRACTOR SHALL COORDINATE LAYOUT OF ALL UTILITIES & ROUTES FOR ELECTRICAL THRU
- FOOTINGS & INSIDE POSTS TO FINAL DESTINATION. 6, FIELD VERIFY 'AS-BUILT' DIMENSIONS AS REQUIRED. PROVIDE SHOP DRAWINGS FOR ANY CHANGES. PROVIDE SHOP DRAWINGS FOR ANY CHANGES OR CLARIFICATIONS FROM
- APPROVED DRAWINGS . PREP & CLEAN, & APPLY PRIMER COAT TO ALL STEEL PRIOR TO DELIVERING TO SITE.
- 8. PAINT ARCHITECTURAL METAL BRONZE COLOR, PROVIDE SAMPLE PRIOR TO APPLICATION FOR OWNER/ ARCHITECT APPROVAL

City of Santa Rosa Planning & Economic Development Departmer

11/18/2020

WOOD CONSTRUCTION

- OUTDOOR FEATURES. VERIFY LOCATION OF ALL OUTDOOR FEATURES IN RELATIONSHIP TO BUILDING SETBACKS & EASEMENTS BEFORE BUILDING. 2. USE ALL HOT DIPPED GALV. FINISH OR STAINLESS FASTENERS FOR ALL HARDWARE (UNLESS
- NOTED OTHERWISE)
- MEMBERS.
- ALIGN WOOD GRAIN WHEN SETTING PLUGS. 5. PRE-DRILL ANY HOLES FOR LAG BOLTS 1/4" OR GREATER BY 1/16" LESS THAN FASTENER SIZE.
- TO REDUCE FUTURE CHECKING. 6. SEAL ALL WOOD MEMBERS WITH 2 COATS CLEAR BENITE (OR APPROVED EQUAL) PRIOR TO CONSTRUCTION, PROVIDE SAMPLE PRIOR TO APPLICATION, TOUCH UP ALL END CUTS PRIOR TO INSTALLING AND WHEN COMPLETE.
- POOL CONSTRUCTION SPECIFICATIONS ALL POOL CONSTRUCTION TO CONFORM WITH THE CALIFORNIA BUILDING CODE AND MEET ALL LOCAL, CITY OR COUNTY ORDINANCES FOR PRIVATE POOLS AND SAFETY
- ENCLOSURES/DEVICES. 2. THE SCOPE OF WORK RELATING TO POOL & SPA ELEMENTS SHOWN HERE REQUIRE A PERMIT FROM THE COUNTY OF SONOMA, OWNER SHALL OBTAIN REQUIRED PERMITS, PAY ASSOCIATED FEES, COORDINATE INSPECTIONS WITH LOCAL JURISDICTION AND OBTAIN FINAL PERMIT APPROVAL.
- 3. POOL CONTRACTOR SHALL PROVIDE SPECIFIED COLORED COPING, TILE, & GROUT SAMPLES TO OWNER & POOL CONTRACTOR, LANDSCAPE ARCHITECT PRIOR TO INSTALLATION, PROVIDE ACCENT BAND TILES ON ALL SUBMERGED STEPS AND SEATS. POOL FINISH TO BE PEBBLE SHEEN 'TAHOE BLUE' OR EQUAL STANDARD COLOR.
- FOR SOILS REPORT AND COMPACTION TESTS WILL BE PAID FOR BY THE OWNER, UNLESS COMPACTION TESTS FAIL TO MEET REQUIREMENTS. TEST REQUIRED FOR FAILED AREAS OF WORK SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 5, POOL CONTRACTOR SHALL PROVIDE STRUCTURAL ENGINEER, PLUMBING DIAGRAMS AND ALL HYDRAULIC CALCULATIONS FOR THE PROPER OPERATION OF THE PLUMBING SYSTEM, FILTER/HEATING SYSTEMS FOR THE POOL AND ASSOCIATED WATER FEATURES.
- 6. LANDSCAPE ARCHITECT SHALL OBSERVE POOL LAYOUT AND ELEVATIONS PRIOR TO ELEVATIONS PRIOR TO EXCAVATION, PROVIDE 48 HOUR NOTICE.
- 1. POOL BUILDER SHALL COORDINATE WITH THE HARDSCAPE CONTRACTOR FOR POOL DECK TO BE PRESENT THE DAY OF POOL EXCAVATION TO COORDINATE, REVIEW AND VERIFY HEIGHT OF POOL BOND BEAM ELEVATIONS.
- MOISTENED 2-3 TIMES PER DAY FOR 1 DAYS, AFTER BEING PLACED. 9. CANTILEVERED COPING TO BE PIONEER STONE INSTALLED AS SPECIFIED, COORDINATE FOR
- POOL COVER & OVERHANG WITH INSTALLER. PROVIDE COLOR, FINISH, & GROUT SAMPLES FOR APPROVAL PRIOR TO INSTALLATION, INSTALL AS PER MAN'F, RECOMMENDATIONS.
- AND SPA REQUIREMENTS FOR SAFETY ENCLOSURES. 11. FILLING POOL WITH WATER SHALL BE DONE BY POOL CONTRACTOR USING WATER TRUCK THE AND APPROVED BY LOCAL JURISDICTION, PRIOR TO FILLING POOL.

ALL DIMENSIONS VARY IN ACCORDANCE TO PROPERTY SETBACKS. VERIFY LOCATION OF ALL 3. USE CON, HEART REDWOOD (SELECT) FOR ALL DECKING/ POSTS AND P.T.D.F. FOR ALL FRAMING 4. USE EPOXY BASED EXTERIOR ADHESIVE FOR ALL PLUGS, SAND UNTIL FLUSH WITH MEMBER. WATER SERVICE PRE-DRILL HOLES FOR THRU BOLTS 1/4" OR GREATER BY 1/16" LARGER THAN FASTENER SIZE TOURMALINE COURT 68.89 4. A GEOTECHNICAL ENGINEER WILL PROVIDE SOIL DATA & SITE TESTING FOR COMPACTION. COST EXCAVATION, PROVIDE 48 HOUR LANDSCAPE ARCHITECT SHALL OBSERVE POOL LAYOUT AND CONC DRIVEWAY AND WALK 8. POOL CONTRACTOR IS RESPONSIBLE FOR GUNITED POOL CURING, POOL SHELL TO BE 10. ALL POOL & SPA COVERS, FENCES AND GATES SHALL MEET THE COUNTY OF SONOMA, POOL SAME DAY AS THE POOL FINISH IS INSTALLED. ALL SAFETY ENCLOSURES SHALL BE INSTALLED EXISITNG GRAVEL DRIVE IRRIGATION VALVES EXISTING SINGLE FAMILY DWELLING 3904 SF WITH THREE CAR GARAGE 1.91 ACRES (83,199 SEX ELEC METER GAS METER EXISTING STAIRS TO/BE REMOVED -EXISTING DECK. REPAIR, REPLACE AND RE-STRUCTURE AS REQUIRED TO MEET CURRENT CODE \cap 14"ø OAK 10 4 15'-0" OAKX SETBACK REMOVE PROPOSED CONC PAD OAK FOR POOL EQUIPMENT. REMOV SEE DETAIL CONC PATIO. 8"¢ LIMITS TBD LOQUAT REMOVE 24" TRÉADS 6" MAX RISERS 8"¢ VERIFY NUMBER OF LOQUA RISERS IN FIELD IS" BAT REMOVE ROCK OUTCROPF 24"X BAY REMOVE



CONSULTANTS:

STRUCTURAL ENGINEER DETLEV DORING, S.E., INC 216 CLEVELAND COURT MILL VALLEY, CA 94941 415-381-5662

PLAN DRAFTER: MEL PHENICIE 1275 4TH STREET ST.633 SANTA ROSA, CA 95404

SOILS ENGINEER: REESE AND ASSOCIATES DAN FIGONI 134 LYSTRA CT SANTA ROSA, CA 101-528-3018

OWNER: BARROWMAN / HABERBERGER 4034 TOURMALINE CT SANTA ROSA, CA

PROJECT DATA:

APN: 013-350-024 LOT SIZE: 83,199 SF (1.91 ACRES) EXISTING RESIDENCE = 3904 SQ FT

OCCUPANCY - R-3 AND U CONSTRUCTION TYPE - VB NUMBER OF STORIES - ONE STORY BUILD DATE - 1987

SCOPE OF WORK: - THE CONSTRUCTION OF A NEW SWIMMING POOL.

GENERAL NOTES:

FUTURE STAIRS. TBC

FUTURE DECK/AND

STAIRS. TBD

ÓAK

-00-00-

S

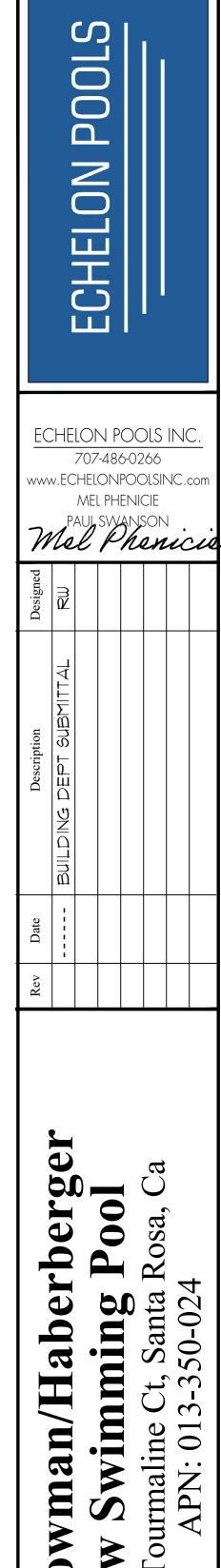
8-10-10"¢

OAK MULTI

REMOVE

ALL CONSTRUCTION, REGARDLESS OF DETAILS ON THE PLANS, SHALL COMPLY WITH: 1 2019 CALIFORNIA BUILDING CODE, VOL. 1 & 2, 2019 CALIFORNIA PLUMBING CODE, 2019 CALIFORNIA ELECTRICAL CODE, 2019 CALIFORNIA MECHANICAL CODE 2019 CALIFORNIA FIRE CODE 2019 CALIFORNIA BUILDING ENERGY STANDARDS, 2019 CALIFORNIA TITLE 24. 2019 CALIFORNIA RESIDENTIAL CODE

ROCK QUICROPP



SITE PLAN

Sheet

Scale



DI- DETAILS <u>STRUCTURAL</u> PI- GENERAL NOTES AND DETAILS

SITE AND COVER SHEET

- P2- POOL PLAN AND SECTIONS P3- POOL SECTIONS

<u>Sheet INDEX</u>

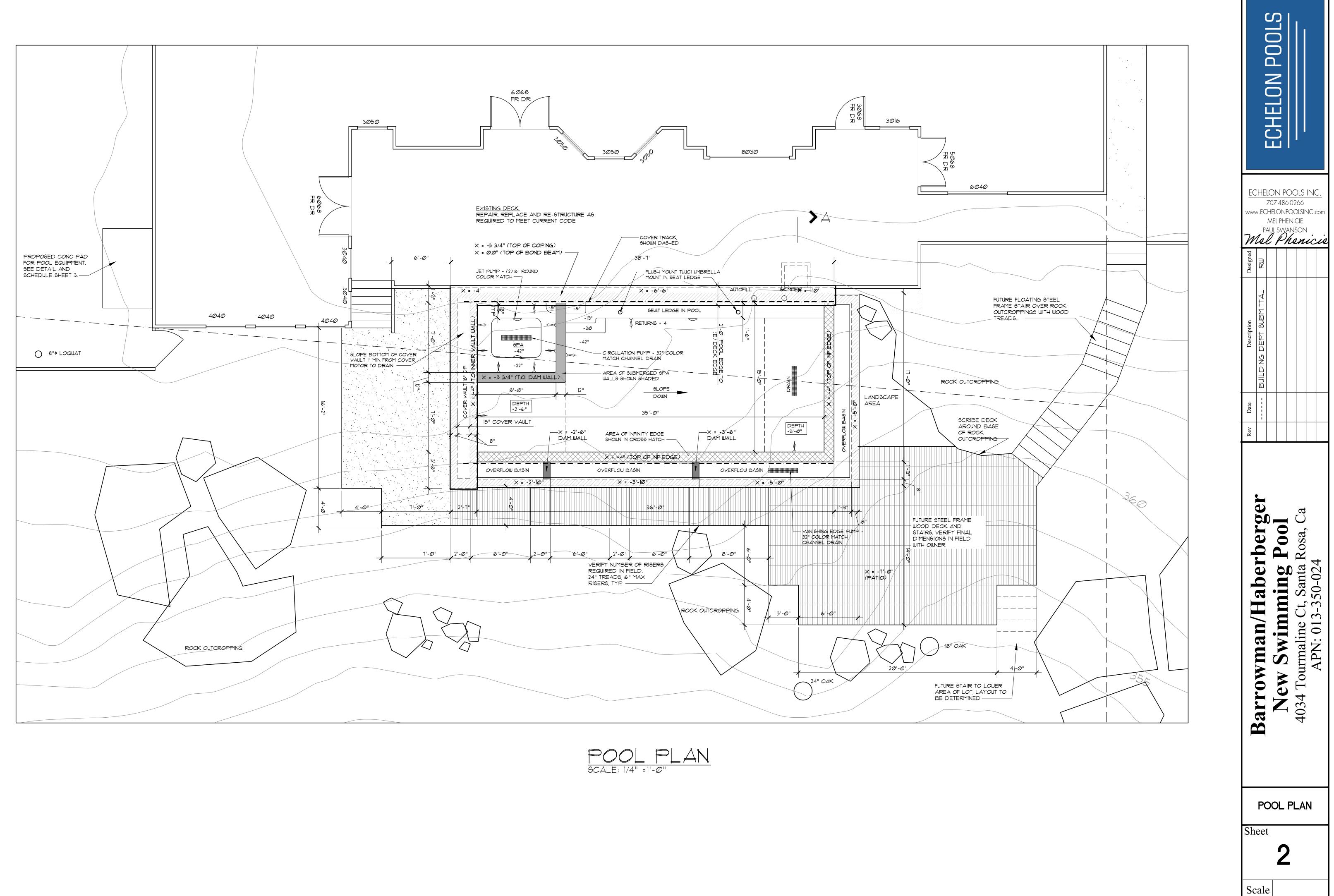
4-

ARCHITECTURAL

1A- TOPO SITE PLAN

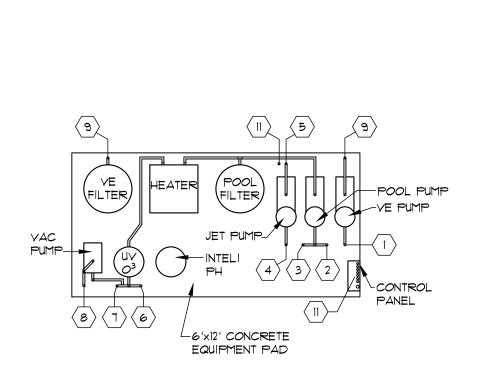
POOL PLAN





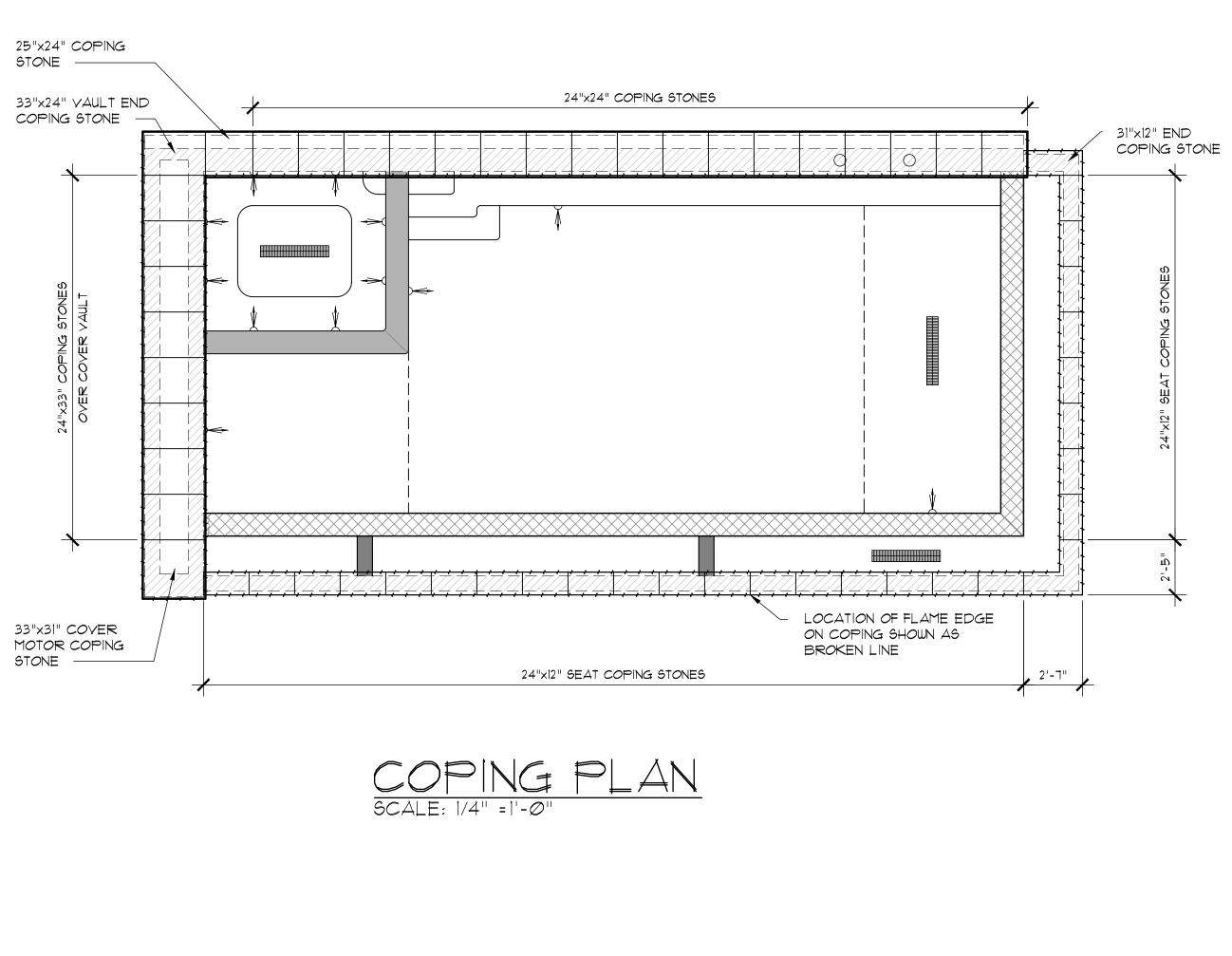


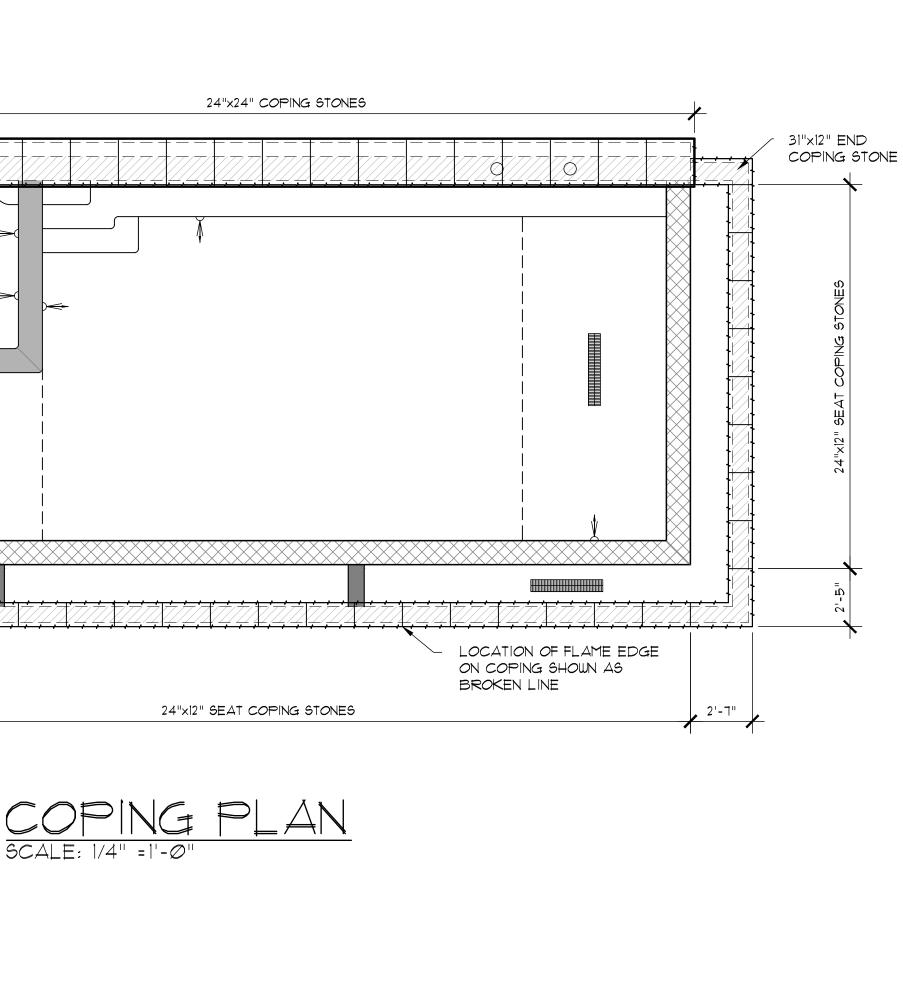
POC	DL EQUIPMENT SCHEDULE
REQD	DESCRIPTION
2	JANDY 2.7 VSP
2	JANDY CV 340 FILTER
1	JANDY JXI 400 HEATER
1	JANDY 3 hp STEALTH PUMP
1	POLARIS PB4Q PUMP
1	JANDY RS-PS & CONTROL
1	JANDY ONE TOUCH CONTROL
1	4 FUNCTION SPA CONTROL
1	IQ-20 WIFI ADAPTOR
1	HAYWARD UV-03 SANITIZER
1	PENTAIR INTELI PH SYSTEM
4	JANDY PRO LED LIGHTS

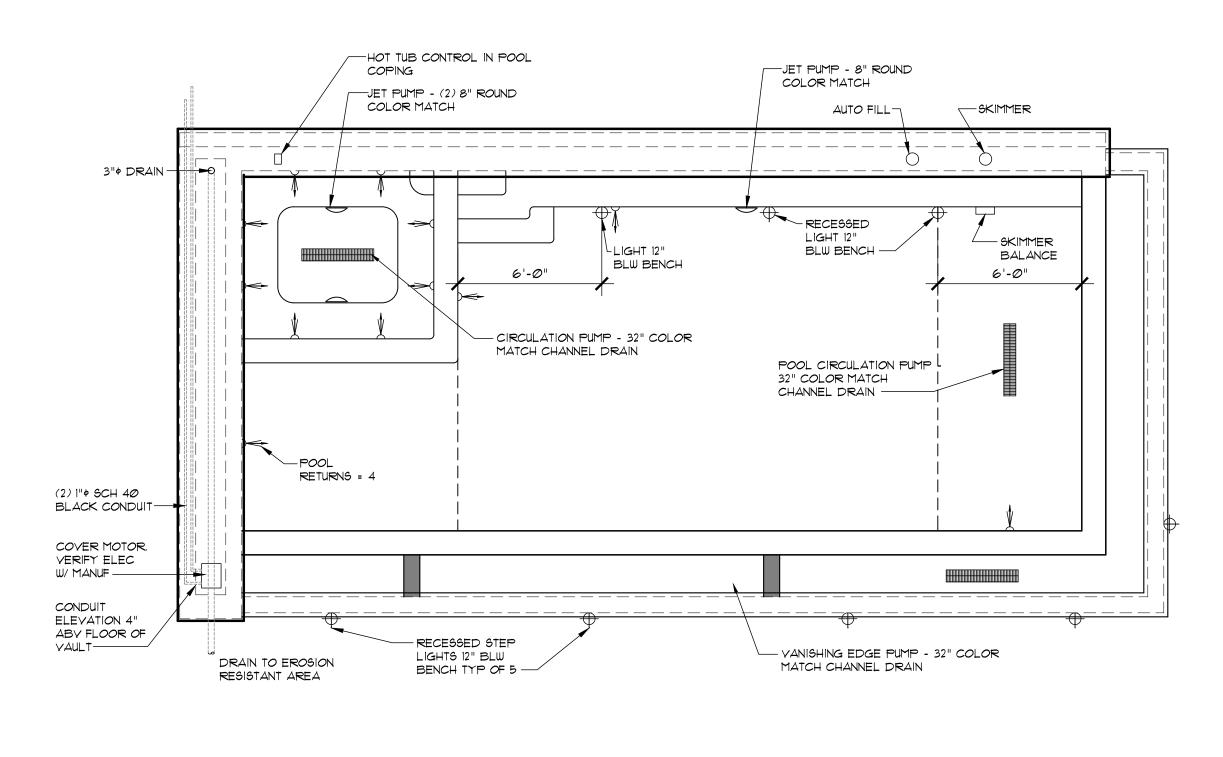






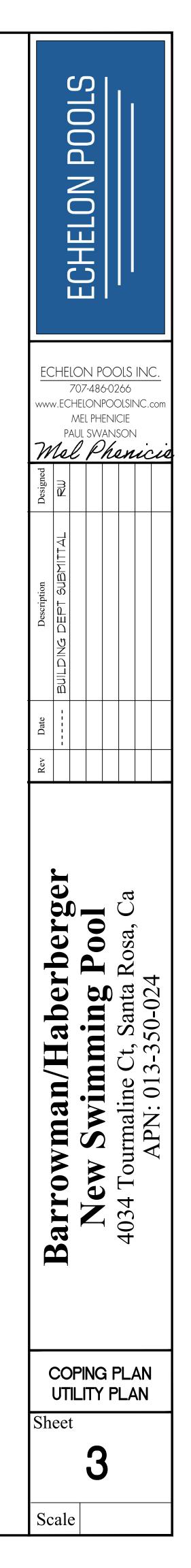


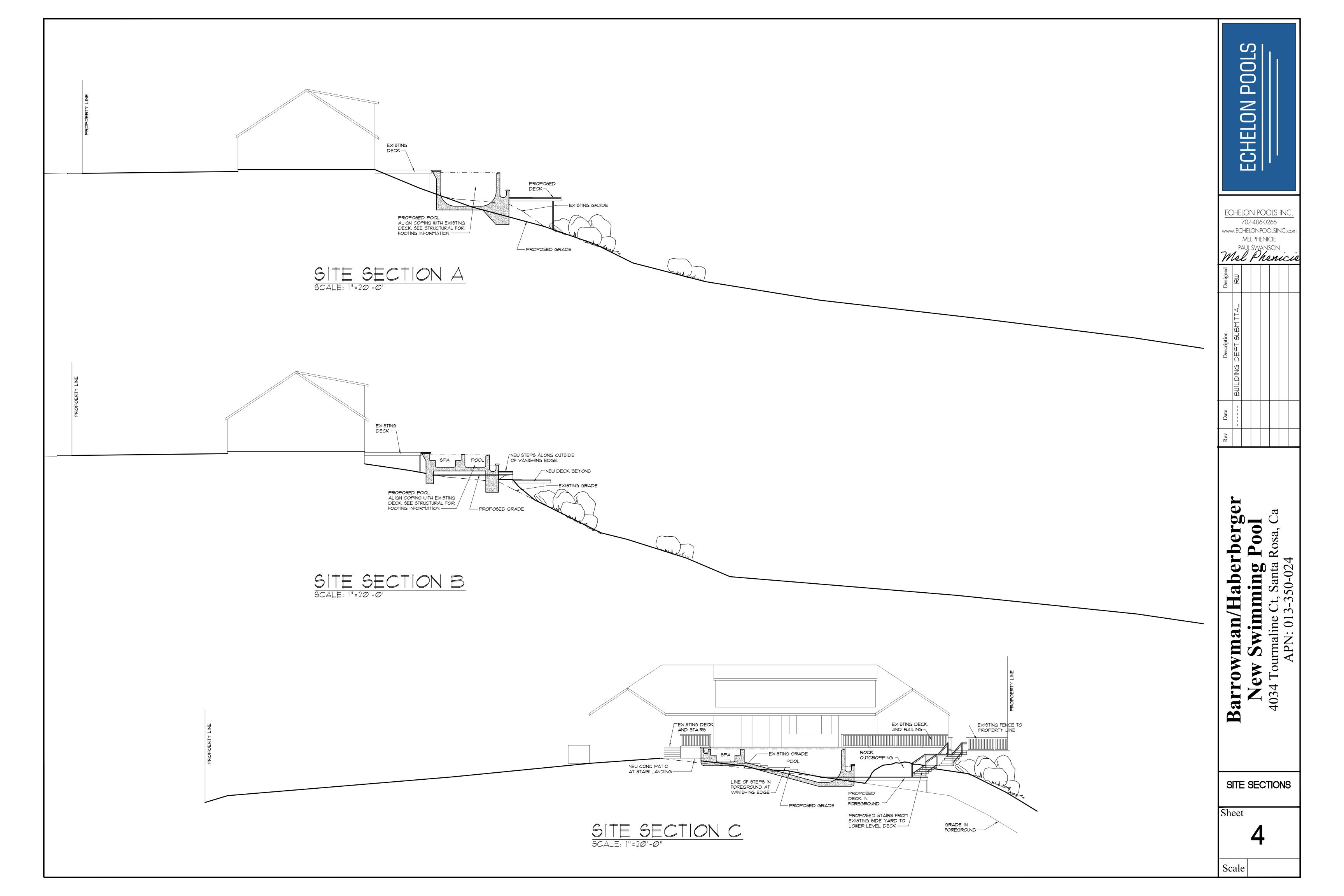


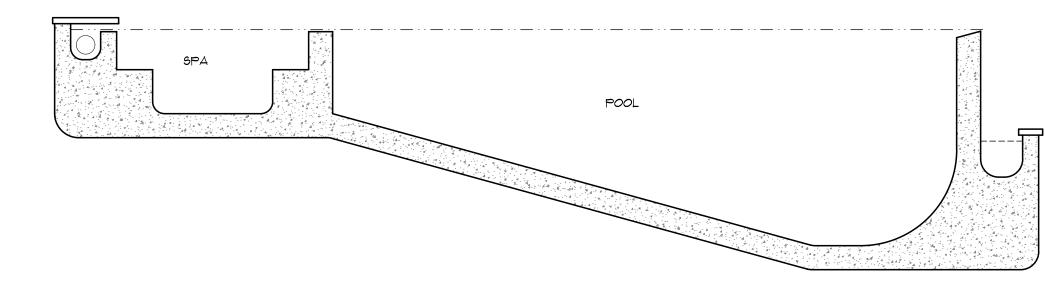


	PLAN
SCALE: 1/4" =1'-Ø"	

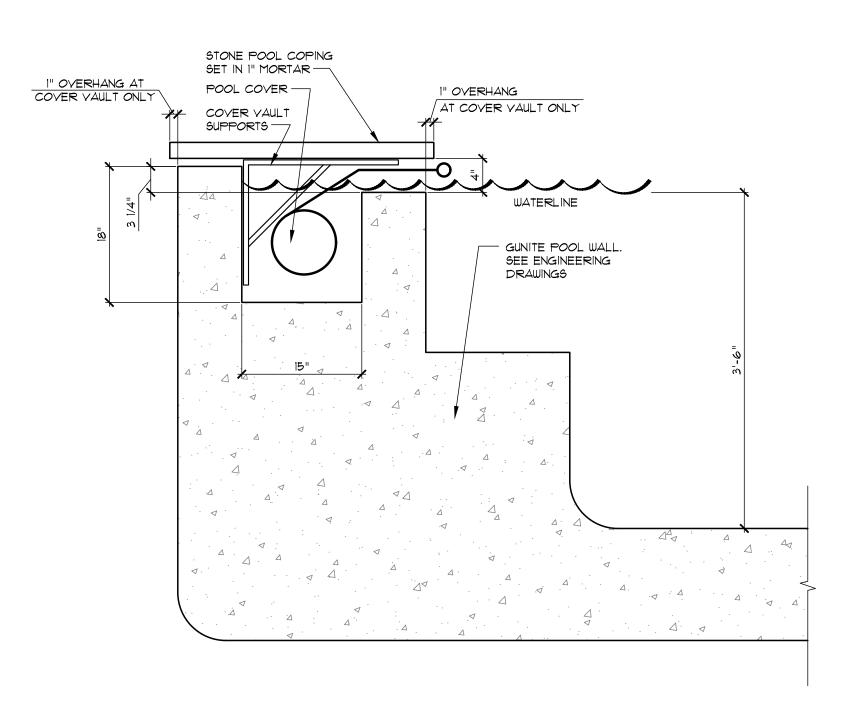
CONDUIT KEYNOTES
DESCRIPTION
VANISHING EDGE MAIN DRAIN
POOL MAIN DRAIN
SPA MAIN DRAIN
JET MAIN DRAIN
JET RETURN
SPA RETURN
POOL RETURN
VACUUM RETURN
VE RETURN "UNDER PAD"
JET AIR
CONDUITS



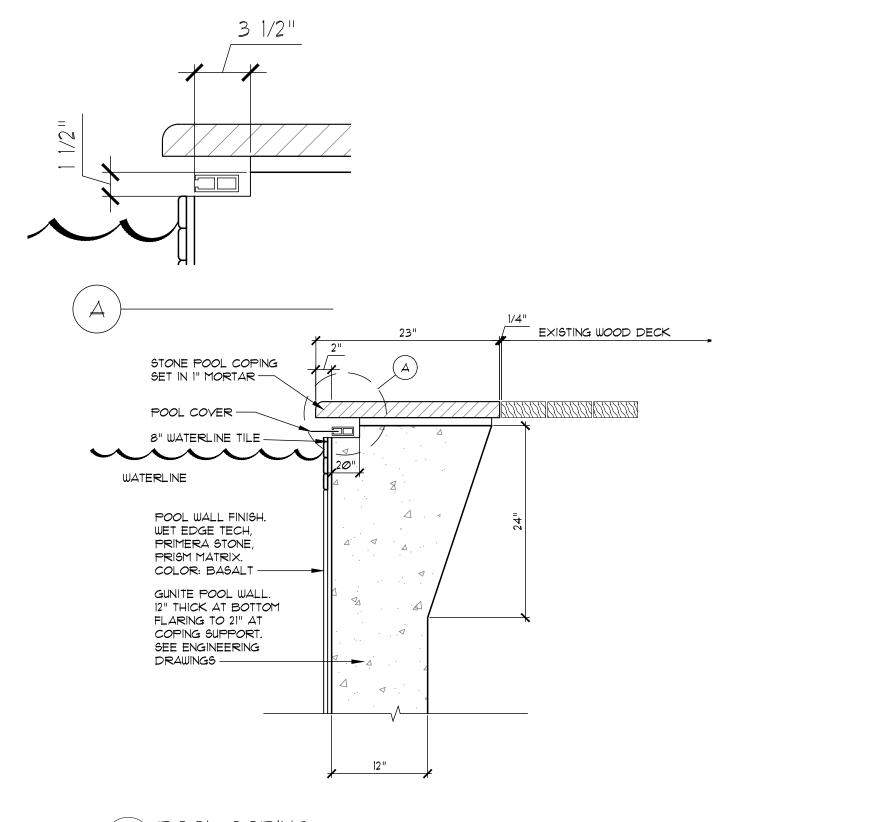




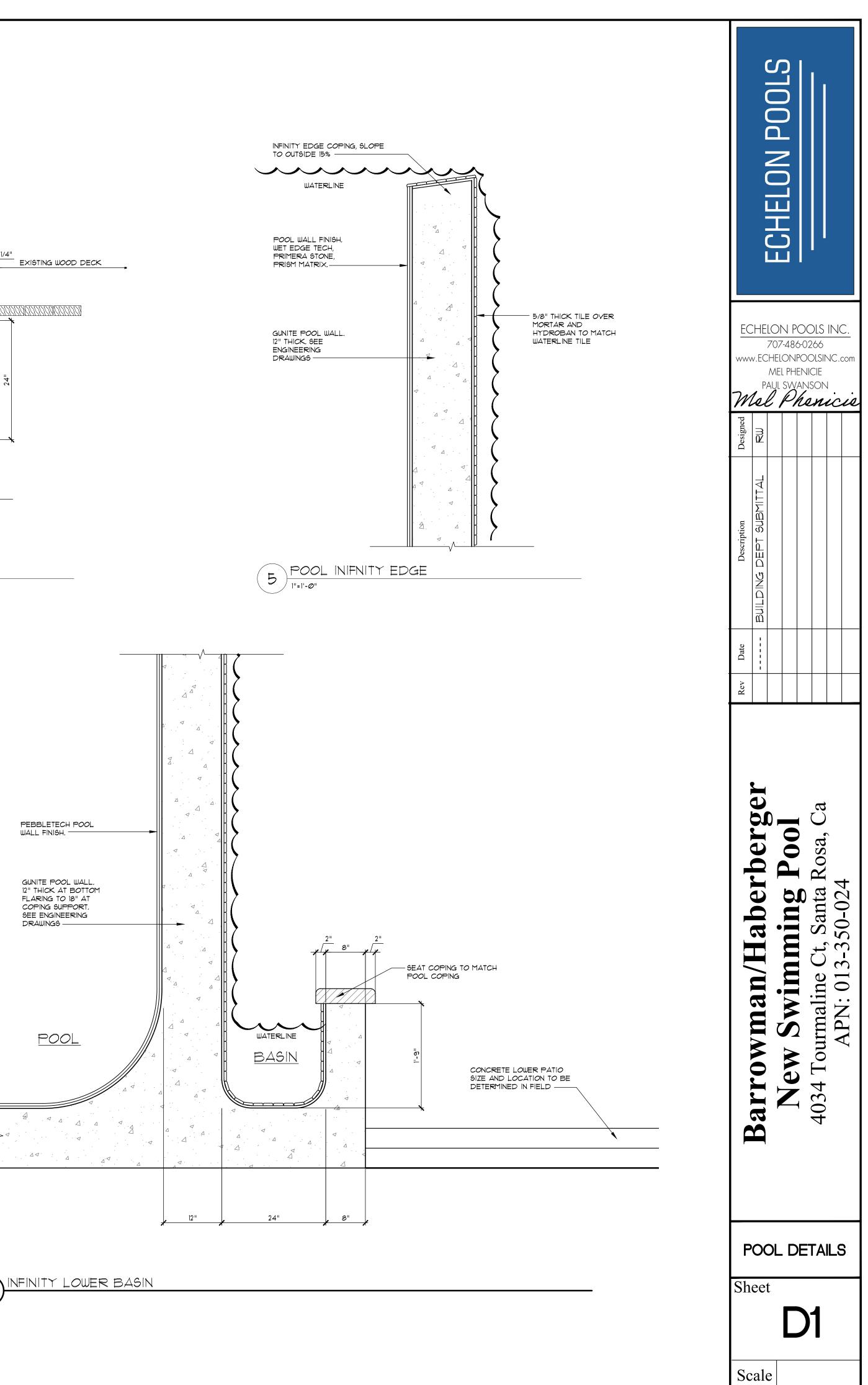






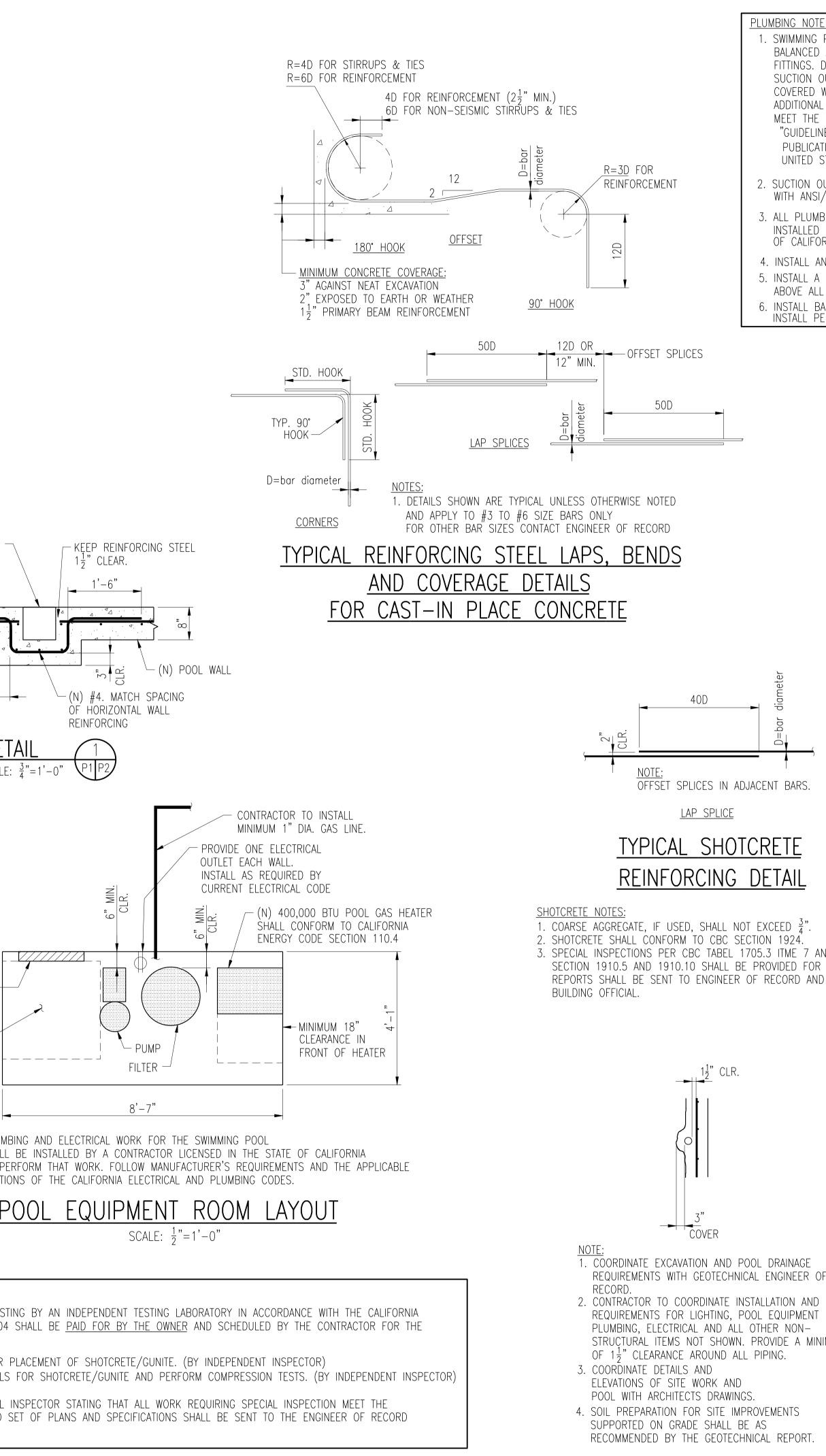


4 POOL COPING 1"=1'-@"



(15

<u>GENERAL NOTES</u> 1. DESIGN LOADS PER CBC 2019: LIVE	LOAD' ROOF 20 #	/SQ.FT.	
GROUND SNOW LO	FLOOR 40 #	/SQ.FT.	
	ATION: BEARING PRESSURE 2000 #,	/SQ.FT.	
<u>DESIGN DATA</u>	WIND: BASIC WIND SPEED V _{ult} = 110 RISK CATEGORY II		
	INTERNAL PRESSURE COEFF. = N.A.		
<u>SEISMIC DESIGN DATA</u>	COMPONENTS AND CLADDING = 10	#/ SQ.FT.	
SLISMIC DESIGN DATA	IMPORTANCEFACTOR $I_s = 1.0$ OCCUPANCYCATEGORYIIMARDEDSPECTRALPESPONSEACCELEE	PATION S = 2.447a S = 0.033a	
	MAPPED SPECTRAL RESPONSE ACCELEF SITE CLASS C SPECTRAL RESPONSE COEFFICIENTS		
	SEISMIC DESIGN CATEGORY E LATITUDE = 38° 26' 57" LONGITUD		
	<u>BASIC SEISMIC – FORCE – RESISTING</u>	SYSTEM	
	RIGID NON-BUILDING STRUCTURE $I_e = 1.0$	-	
ALL WORK SHALL COMPLY WITH THE CODES	$V=0.3S_{ds} \times W \times I_{e} = 0.587 \times W$ AND REGULATIONS OF THE COUNTY OF	SONOMA AND THE FOLLOWING STATE ADOPTED CODES:	
	ODE EXCEPT AS LIMITED BY SECTION R3 E AND THE ADOPTED SECTIONS OF THE		
	ODE AND ADOPTED SECTIONS OF THE 2 DE AND THE ADOPTED SECTIONS OF THE		
	DDE AND THE ADOPTED SECTIONS OF TH D THE ADOPTED SECTIONS OF THE 2018		
THE 2019 CALIFORNIA ENERGY CODE THE 2019 CALIFORNIA GREEN BUILDI			
THE 2019 UNIFORM SWIMMING POOL, 2. BEFORE COMMENCING WORK CONTRACTOR S		LD ALL PERTINENT DIMENSIONS AND	
DETAILS. ANY CONFLICT OR INTERFERENCE A BROUGHT TO THE ATTENTION OF THE ENGIN			
3. ALL WORKMANSHIP SHALL CONFORM TO THE	BEST PRACTICE IN MODERN CONSTRUC	TION (N) 120 VOLT LE LIGHT PLACED 30 FROM TOP OF)"
GEOTECHNICAL NOTES		COPING STONE	
1. THE CONTRACTOR SHALL FOLLOW ALL THE GEOTECHNICAL REPORT PROVIDED BY REE			
127 SAN	5 4TH STREET, SUITE 633 TA ROSA, CA 95404]. 4
PH. INCLUDING BUT NOT LIMITED TO GRADING,	707–528–3078 BACKFILLING AND DRAINAGE.	7"	
2. THE GEOTECHNICAL ENGINEER SHALL PRO A. GRADING, EXCAVATION AND BACK		<u>3"</u> CLR	-
B. DRAINAGE A LETTER WET STAMPED AND SIGNED BY TH	E GEOTECHNICAL ENGINEER STATING THA	AT ALL WORK	
REQUIRING INSPECTIONS MEET THE RECOMMI SENT TO THE ENGINEER OF RECORD AND TI			ET ale
CONCRETE NOTES			
1. ALL CONCRETE USED ON THIS PROJECT SHA OF 3000 PSI AT 28 DAYS.	ALL ATTAIN AN ULTIMATE COMPRESSIVE S	TRENGTH	
PLAN CHECKER NOTE: STRUCTURAL	CALCULATIONS FOR ALL CONCRETE WERE 500 PSI CONCRETE AND THEREFORE NO		
SPECIAL INSF 2. REINFORCING STEEL SHALL CONFORM TO AS	PECTION REQUIREMENTS ARE NEEDED. TM 615 AND SHALL BE FABRICATED AND)	
PLACED IN ACCORDANCE WITH THE CURRENT INSTITUTE AND THESE DRAWINGS. <u>$#4$ GRADE</u>		ETE	
3. REINFORCEMENT SHALL BE PLACED AS SHOW			_
TIED AND SUPPORTED SO THAT IT WILL NOT SUBSEQUENT CONSTRUCTION OPERATIONS.	BE DISPLACED FROM THE PROPER POS	SUB-PANEL	_
4. CONCRETE SHALL BE PLACED AS CLOSELY A BE CONSOLIDATED BY THE USE OF MECHAN		D SHALL SEE NOTE BELOW-	
5. CONSTRUCTION JOINTS IN CONCRETE SLAB			_
OF THE CONTRACTOR. SLAB REINFORCEMENT ALL HORIZONTAL CONSTRUCTION JOINTS SHA			_
AGGREGATE EMBEDDED IN MORTAR MIXTURE MINIMUM AFTER INITIAL PLACEMENT, OR BY			
AFTER CONCRETE PLACEMENT. 6. ALL FOUNDATION BOLTS (ANCHOR, HOLD DO	WNS, ETC) SHALL BE INSTALLED PRIOR ⁻	ТО	
PLACEMENT OF CONCRETE.		<u>NOTE:</u> PL SH,	.UME ALL
DEMOLITION AND SHORING 1. CONTRACTOR SHALL REMOVE FROM SITE ALL			PE CTIC
2. DURING CONSTRUCTION THE CONTRACTOR SH	ALL BE RESPONSIBLE FOR THE SAFETY (Ρ
AND/OR EXCAVATIONS. THE CONTRACTOR SHA ACCORDANCE WITH ALL NATIONAL, STATE AND		NG AND GUYS IN	<u> </u>
INSPECTIONS BY ENGINEER OF RECORD			
1. PRIOR TO CALLING FOR INSPECTIONS BY SHALL IN ACCORDANCE WITH THE CALIFOR	NIA BUILDING CODE SECTION 1704.5 HA	VE THE <u>SPECIAL INSPECTIONS</u>	
ENGINEER OF RECORD PROVIDE STRUCTUR FOLLOWING ITEMS:	AL OBSERVATION AND INSPECTION FOR	BUILDING CODE SECTION 17	
A. REINFORCING STEEL		FOLLOWING ITEMS:	JD
THE ENGINEER SHALL SLIBMIT A STATEMENT	IN WRITING TO THE RUILDING		ЛŇ
THE ENGINEER SHALL SUBMIT A STATEMENT, OFFICIAL STATING THAT THE REQUIRED SITE ANY OBSERVED DEFICIENCIES HAVE BEEN CO	VISITS HAVE BEEN MADE AND WHETHER		
OFFICIAL STATING THAT THE REQUIRED SITE	VISITS HAVE BEEN MADE AND WHETHER DRRECTED TO CONFORM TO THE <u>APPROV</u> DETAILS <u>APPROVED</u> BY THE BUILDING O	OR NOT <u>(ED</u>)FFICIAL. A LETTER SIGNED BY THE SPECIAL DEPONDEMENTS OF THE ADDROVE	ELS AL



	\Box	REVISI	ONS	
: POOL SHALL HAVE AT LEAST TWO CIRCULATION DRAINS PER PUMP. PUMPS SHALL BE HYDRAULICALLY	NO.	DATE	COMMENT	
AND SYMMETRICALLY PLUMBED THROUGH ONE OR MORE "T" RAINS SHALL HAVE A MINIMUM 3 FT. SEPARATION BETWEEN THEM. UTLETS THAT ARE LESS THAN 12" IN DIAMETER ACROSS SHALL BE				
/ITH ANTI-ENTRAPMENT DEVICES PER ASME/ANSI STANDARD A112.19.8. SAFETY DEVICES INSTALLED IN THE SWIMMING POOL OR SPA SHALL				
ANDARDS AS PUBLISHED IN FOR ENTRAPMENT HAZARDS: MAKING POOLS AND SPAS SAFER", I DOCUMENT NO. 363, MARCH 2005, UNITED STATES CONSUMER PRODUCTS SAFETY COMMISSION.			City of Santa Rosa Planning & Economic Development Department	
TATES CONSUMER PRODUCTS SAFETY COMMISSION. HEALTH & SAFETY CODE 115928 AND CBC 3109.4.48.		11/18/2 RECEIV	2020	
APSP-7 ING AND ELECTRICAL WORK ON THE SWIMMING POOL SHALL BE				
BY POOL CONTRACTOR AND ELECTRICIAN LICENSED IN THE STATE NIA. I APPROVED AIR GAP PER ASME A112.1.3 WITH THE CRITICAL LEVEL ABOVE THE FLOOR LEVEL RIM.				
LISTED VACUUM BREAKER UPRIGHT WITH NO VALVE DOWNTREAM. MINIMUM 6" OR LISTED DISTANCE DOWNSTREAM PIPING AND FLOOD-LEVEL RIM OF RECEPTOR.				
CKFLOW PREVENTER SUITABLE TO ELIMINATE CONTAMINATION OF DOMESTIC WATER SUPPLY. R CPC TABLE 603.2.				
ELECTRICAL NOTE:				
 INSTALL A WATERPROOF GROUND FAULT CIRCUIT INTERRUPT PROTECTED RECEPTACLE 10 FT. MINIMUM AND 20 FT. MAXIMUM FROM THE POOL WATER 2'-0" ABOVE GRADE. 				
2. A MINIMUM OF ONE 125 VOLT 15 TO 20 AMP RECEPTACLE SHALL BE LOCATED NOT LESS THAN 6 FT. NOR MORE THAN 20 FT. FROM THE INSIDE OF THE POOL WALL AND NOT MORE THAN 6'-6" ABOVE THE FINISH SURFACE PER CALIFORNIA ELECTRICAL CODE SECTION 680.22 (A)				
3. LUMINARIES, ELECTRICAL OUTLETS AND SUSPENDED FANS ABOVE THE POOL AREA OR WITHIN	S			
A HORIZONTAL DISTANCE OF LESS THAN 5 FT. FROM THE INSIDE OF THE POOL WALL SHALL BE A MINIMUM OF 12 FT. ABOVE THE WATER LEVEL OF THE POOL.	DETAILS		INCE	
4. LUMINARIES, ELECTRICAL OUTLETS AND SUSPENDED FANS INSTALLED IN AN AREA EXTENDING BETWEEN 5 FT. AND 10 FT. FROM THE INSIDE OF THE POOL WALL SHALL BE GROUND FAULT	DE		KESIUENCE	
INTERRUPT PROTECTED UNLESS INSTALLED NOT LESS THAN 5 FT. ABOVE THE MAXIMUM WATER LEVEL AND RIGIDLY ATTACHED TO THE STRUCTURE ADJACENT TO OR ENCLOSING THE POOL.	TYPICAL		CT. SNIA	
5. ALL POOL POOL REINFORCING, SLAB REINFORCING AND RETAINING WALL REINFORCING STEEL AND ALL OTHER FIXED METAL ITEMS SUCH AS HANDRAILS IN THE POOL AND WITHIN 5'-0" OF THE POOL WATER SHALL BE BONDED TOGETHER TO THE POOL REINFORCING GRID WITH	ТҮРІ	G POOL	serge LINE (Alifof	
A BARE COPPER WIRE 20 FT. LONG, NOT SMALLER THAN #8 AWG. AT A MINIMUM OF 4 POINTS UNIFORMLY SPACED AROUND THE POOL.	AND		HABERBERGER F 4 TOURMALINE CT. 1 ROSA, CALIFORNIA	
	S	NEW SV	N / H ^A 4034 T(SANTA R(
CONTRACTOR NOTES: 1. REMOVE ALL ROOTS AND STUMPS FROM THE SOIL TO	NOTE		AAN 40 SAN	
A DEPTH OF AT LEAST 12 INCHES BELOW THE SURFACE OF THE GROUND IN THE AREA TO BE OCCUPIED BY THE BUILDING	AL		KUWMAN S	
2. CONCRETE FOR THE PIERS MUST BE PLACED BY PUMPING WITH CONCRETE NOT FALLING MORE THAN 12" TO AVOID SEPARATION OF AGGREGATE AND CEMENT MIXTURE.	GENER		BAK	
3. CONCRETE FOR THE SWIMMING POOL SHALL BE SHOTCRETE.	GE		24	
 SEE SHEET P-1 FOR INSPECTION REQUIREMENTS. DRAINAGE DETAILS MAY BE SCHEMATIC AND INCOMPLETE, REFER TO THE TEXT AND DRAWINGS IN THE GEOTECHNICAL 			350-024	
REPORT FOR ACTUAL MATERIALS AND INSTALLATION.			013-3	
D SHOTCRETE.			P.N.	
			A.	
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			CALIF L (415) (12) (415	
ABBREVIATIONS	DORING	R A L /Elad	EY, (662 cell @DPDO	
MEDICEVITIONSEA.EACHP.T.PRESSURE TREATED@ATEMBED.EMBEDMENTREINF.REINFORCEMENTA.B.ANCHOR BOLTFTG.FOOTINGREQ'D.REQUIRED			VALLF) 381-56 : DET@	
ARCH. ARCHITECT GA. GAGE, GAUGE SIM. SIMILAR BLKG. BLOCKING HD HOLDOWN SHTG. SHEATHING C.W.A. CONC. WEDGE ANCHOR M.B. MACHINE BOLT STD. STANDARD	DFTLF	S T R U 2 1 6	MILL Ph. (415 EMAIL:	
CONC. CONCRETE MAX. MAXIMUM STIFF. STIFFENER CTRS. CENTERS MIN. MINIMUM THR'D. THREADED DET. DETAIL (N) NEW TYP. TYPICAL			ESSIONA	
DWGS. DRAWINGS P.É.N. PANEL EDGE NAILING V.I.F. VERIFY IN FIELD (E) EXISTING PLY. PLYWOOD W/ WITH		Na. S	P. 00 CHIGHER 003634	
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